

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
 Data File : VD063862.D
 Acq On : 02 Oct 2019 15:54
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00g/5.00mL/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 03 03:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 03:24:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	203918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	327074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	313544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	155243	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	10841	5.60	ug/l	0.00
Spiked Amount			Recovery	=	11.20%	
35) Dibromofluoromethane	7.91	113	10398	5.05	ug/l	0.00
Spiked Amount			Recovery	=	10.10%	
50) Toluene-d8	10.34	98	43323	5.56	ug/l	0.00
Spiked Amount			Recovery	=	11.12%	
62) 4-Bromofluorobenzene	12.63	95	14944	5.32	ug/l	0.00
Spiked Amount			Recovery	=	10.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	7907	5.555	ug/l #	48
3) Chloromethane	2.21	50	26903	6.252	ug/l	96
4) Vinyl Chloride	2.35	62	25970	5.899	ug/l	94
5) Bromomethane	2.77	94	16153	6.206	ug/l	96
6) Chloroethane	2.91	64	17754	5.872	ug/l	96
7) Trichlorofluoromethane	3.27	101	34548	5.872	ug/l	95
8) Diethyl Ether	3.71	74	5678	5.832	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	4.07	101	4988	2.900	ug/l #	45
10) Methyl Iodide	4.29	142	10976	5.242	ug/l	95
11) Tert butyl alcohol	5.26	59	2844	18.731	ug/l #	87
12) 1,1-Dichloroethene	4.05	96	9460	5.430	ug/l	87
13) Acrolein	3.91	56	5014	27.481	ug/l #	82
14) Allyl chloride	4.70	41	15608	5.608	ug/l	95
15) Acrylonitrile	5.43	53	10438	24.588	ug/l #	91
16) Acetone	4.16	43	12914	28.154	ug/l #	71
17) Carbon Disulfide	4.40	76	33250	5.598	ug/l #	86
18) Methyl Acetate	4.71	43	2317	2.172	ug/l	91
19) Methyl tert-butyl Ether	5.48	73	23448	5.346	ug/l #	83
20) Methylene Chloride	4.96	84	18688	7.144	ug/l	89
21) trans-1,2-Dichloroethene	5.47	96	11463	5.603	ug/l	95
22) Diisopropyl ether	6.37	45	30785	5.391	ug/l	92
23) Vinyl Acetate	6.30	43	83864	24.691	ug/l	95
24) 1,1-Dichloroethane	6.26	63	18906	5.423	ug/l	93
25) 2-Butanone	7.23	43	14831	25.466	ug/l #	72
26) 2,2-Dichloropropane	7.20	77	18321	5.682	ug/l	93
27) cis-1,2-Dichloroethene	7.20	96	12009	5.258	ug/l	91
28) Bromochloromethane	7.54	49	8333	6.215	ug/l #	96
29) Tetrahydrofuran	7.57	42	9205	27.050	ug/l	99
30) Chloroform	7.71	83	19984	5.305	ug/l	96
31) Cyclohexane	7.98	56	21870	6.391	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	17738	5.222	ug/l	96
36) 1,1-Dichloropropene	8.11	75	16455	5.563	ug/l	94
37) Ethyl Acetate	7.30	43	8454	6.696	ug/l #	94
38) Carbon Tetrachloride	8.10	117	15587	5.098	ug/l #	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
 Data File : VD063862.D
 Acq On : 02 Oct 2019 15:54
 Operator : VA/SY
 Sample : VSTDIC005
 Misc : 5.00g/5.00mL/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 03 03:30:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 03 03:24:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.35	83	21075	5.738	ug/l #	81
40) Benzene	8.34	78	42870	5.227	ug/l	95
41) Methacrylonitrile	7.52	41	3718	5.207	ug/l #	72
42) 1,2-Dichloroethane	8.43	62	12180	5.070	ug/l	99
43) Isopropyl Acetate	8.46	43	12903	5.179	ug/l #	97
44) Trichloroethene	9.11	130	12274	5.158	ug/l	83
45) 1,2-Dichloropropane	9.39	63	10478	5.164	ug/l #	67
46) Dibromomethane	9.47	93	5824	5.077	ug/l	91
47) Bromodichloromethane	9.66	83	15649	5.311	ug/l #	91
48) Methyl methacrylate	9.47	41	6281	5.531	ug/l	91
49) 1,4-Dioxane	9.46	88	1533	94.338	ug/l #	80
51) 4-Methyl-2-Pentanone	10.23	43	33104	26.201	ug/l	96
52) Toluene	10.40	92	30075	5.396	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	13585	4.648	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	16831	5.085	ug/l #	81
55) 1,1,2-Trichloroethane	10.80	97	8165	5.055	ug/l #	79
56) Ethyl methacrylate	10.66	69	10180	4.943	ug/l	92
57) 1,3-Dichloropropane	10.95	76	14627	5.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	24138	26.235	ug/l	97
59) 2-Hexanone	10.98	43	20608	22.491	ug/l	98
60) Dibromochloromethane	11.15	129	10229	4.794	ug/l	97
61) 1,2-Dibromoethane	11.25	107	7325	4.520	ug/l	90
64) Tetrachloroethene	10.87	164	11450	5.472	ug/l #	82
65) Chlorobenzene	11.67	112	31526	5.025	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	11453	4.976	ug/l	94
67) Ethyl Benzene	11.74	91	56931	5.049	ug/l	89
68) m/p-Xylenes	11.85	106	44476	10.221	ug/l	94
69) o-Xylene	12.18	106	20907	5.105	ug/l	98
70) Styrene	12.19	104	33730	4.849	ug/l	100
71) Bromoform	12.36	173	5232	4.110	ug/l #	89
73) Isopropylbenzene	12.48	105	54173	5.159	ug/l	99
74) N-amyl acetate	12.29	43	10748	4.661	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.73	83	9949	5.661	ug/l	91
76) 1,2,3-Trichloropropane	12.78	75	12906	11.024	ug/l #	100
77) Bromobenzene	12.76	156	12907	5.087	ug/l	98
78) n-propylbenzene	12.82	91	64200	5.192	ug/l	98
79) 2-Chlorotoluene	12.91	91	36101	5.419	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	43906	5.019	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.53	75	3507	5.969	ug/l	84
82) 4-Chlorotoluene	13.01	91	38293	5.369	ug/l	96
83) tert-Butylbenzene	13.22	119	41132	5.360	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	45850	5.161	ug/l	97
85) sec-Butylbenzene	13.40	105	54500	5.124	ug/l	100
86) p-Isopropyltoluene	13.51	119	49050	4.923	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	26877	5.405	ug/l	97
88) 1,4-Dichlorobenzene	13.59	146	26668	5.374	ug/l	93
89) n-Butylbenzene	13.84	91	47996	5.078	ug/l	98
90) Hexachloroethane	14.11	117	9085	4.931	ug/l	94
91) 1,2-Dichlorobenzene	13.89	146	21910	5.115	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.50	75	1959	6.460	ug/l	85

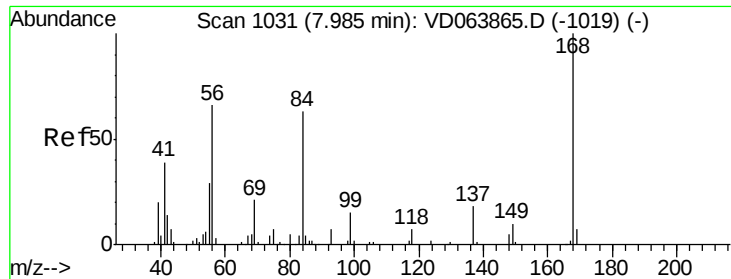
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100219\
Data File : VD063862.D
Acq On : 02 Oct 2019 15:54
Operator : VA/SY
Sample : VSTDICC005
Misc : 5.00g/5.00mL/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Quant Time: Oct 03 03:30:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 03 03:24:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.16	180	17718	5.462	ug/l	92
94) Hexachlorobutadiene	15.27	225	10306	5.615	ug/l	93
95) Naphthalene	15.40	128	27214	4.657	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.59	180	15443	5.367	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

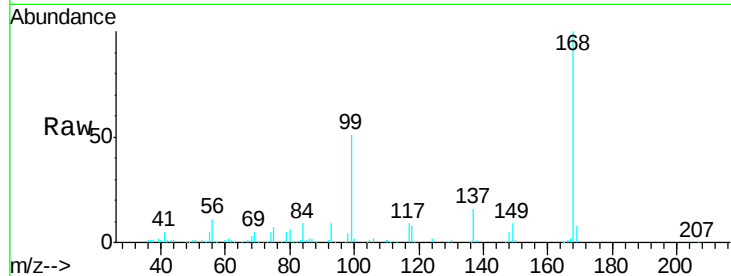
VSTDIC005

Tgt Ion:168 Resp: 203918

Ion Ratio Lower Upper

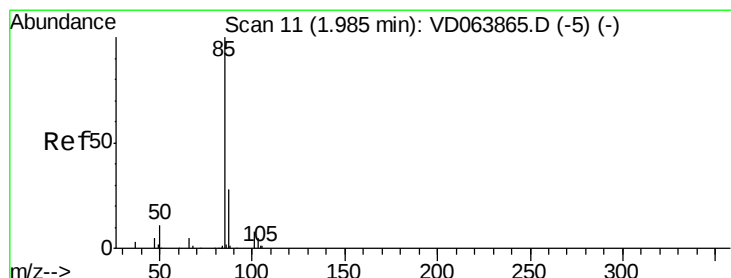
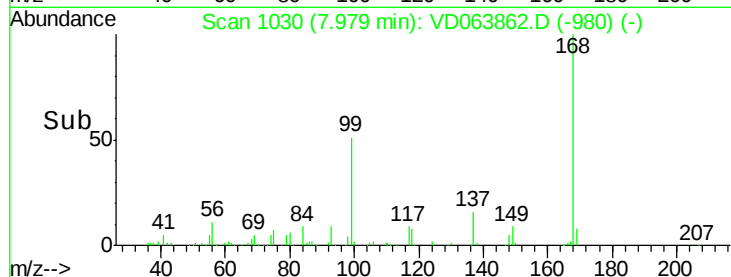
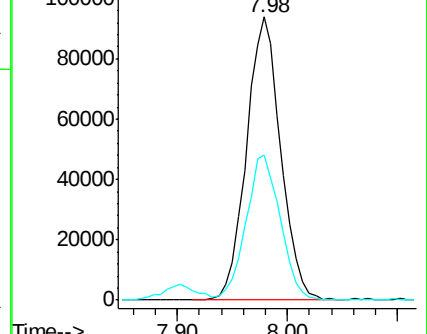
168 100

99 51.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 5.555 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD063862.D

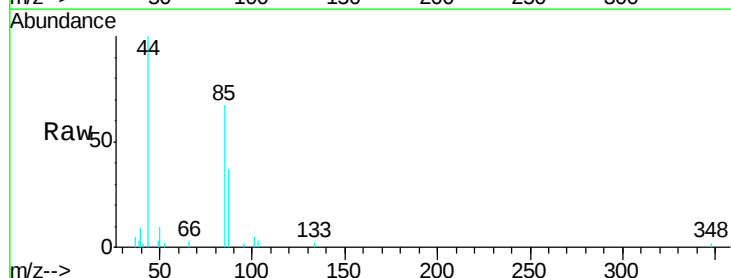
Acq: 02 Oct 2019 15:54

Tgt Ion: 85 Resp: 7907

Ion Ratio Lower Upper

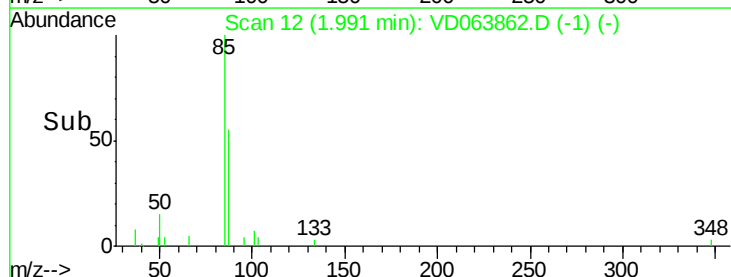
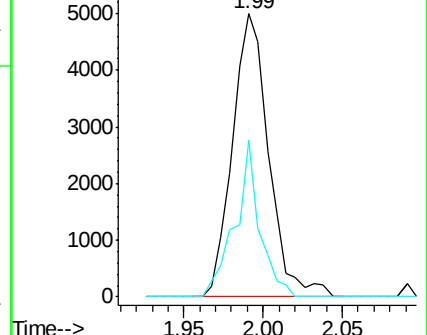
85 100

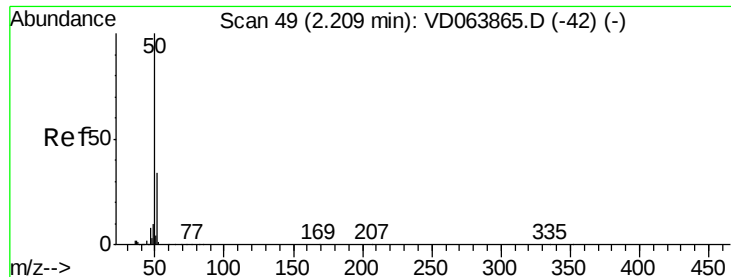
87 55.4 14.0 42.0#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

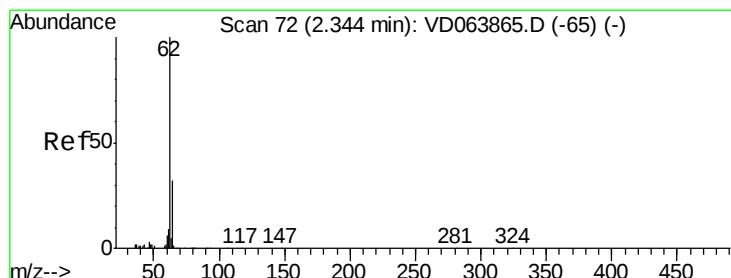
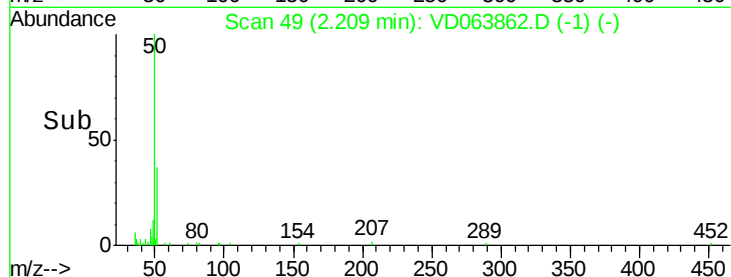
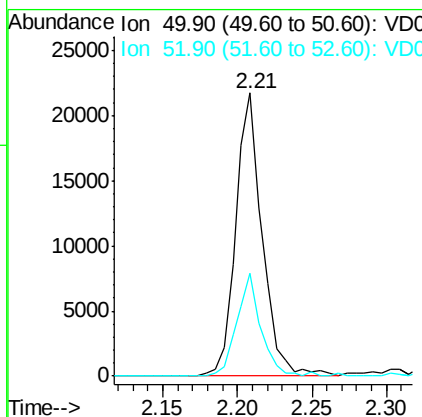
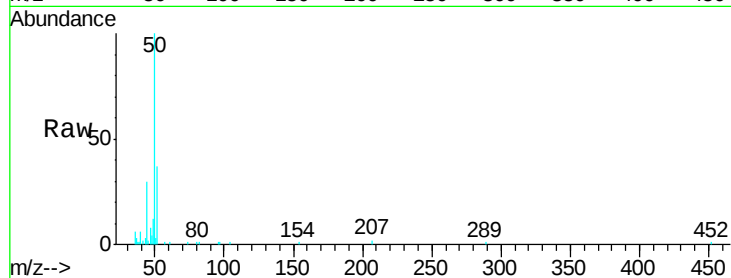




#3
Chloromethane
Concen: 6.252 ug/l
RT: 2.21 min Scan# 49
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

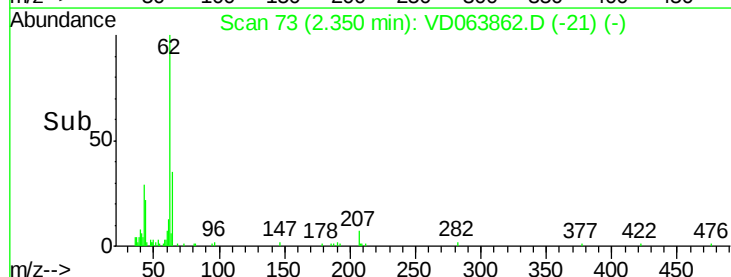
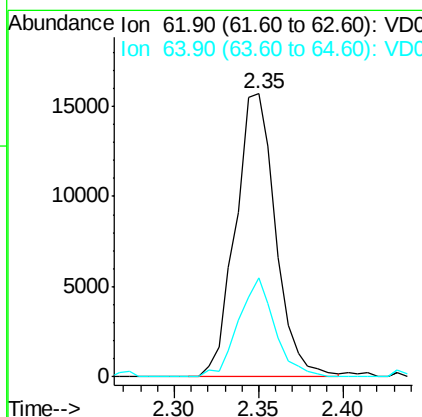
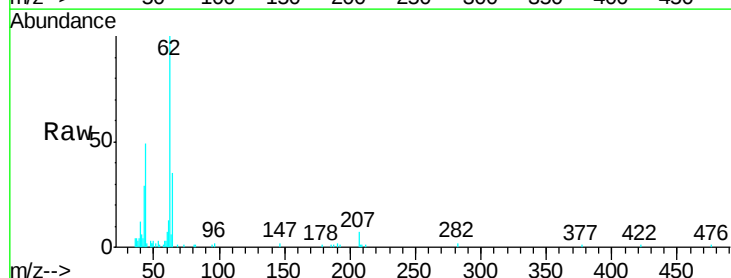
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

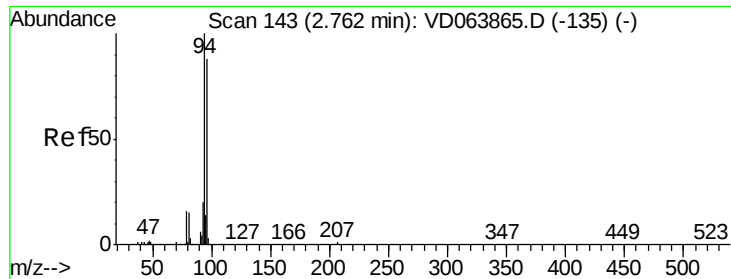
Tgt Ion: 50 Resp: 26903
Ion Ratio Lower Upper
50 100
52 36.5 27.5 41.3



#4
Vinyl Chloride
Concen: 5.899 ug/l
RT: 2.35 min Scan# 73
Delta R.T. 0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 62 Resp: 25970
Ion Ratio Lower Upper
62 100
64 34.9 25.4 38.0





#5

Bromomethane

Concen: 6.206 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

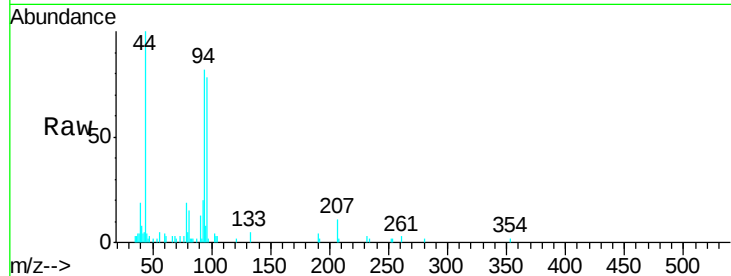
VSTDIC005

Tgt Ion: 94 Resp: 16153

Ion Ratio Lower Upper

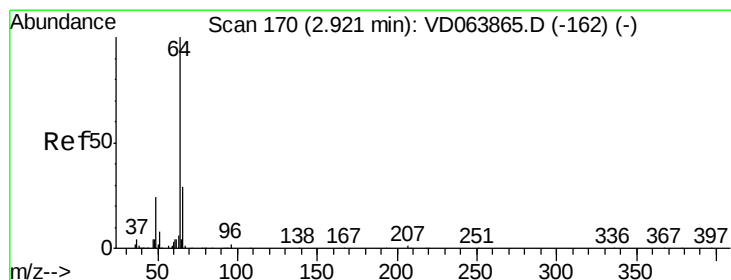
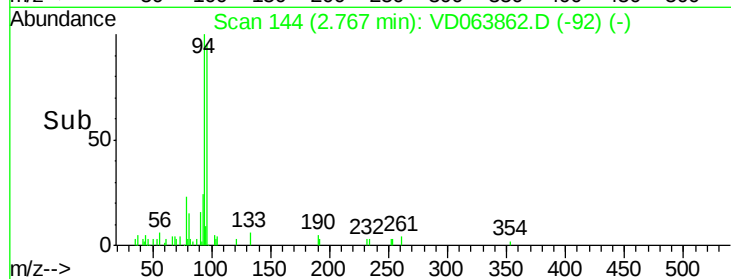
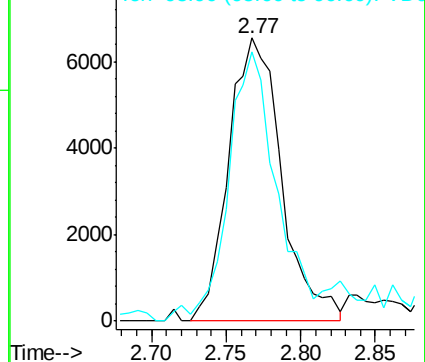
94 100

96 92.6 70.8 106.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 5.872 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD063862.D

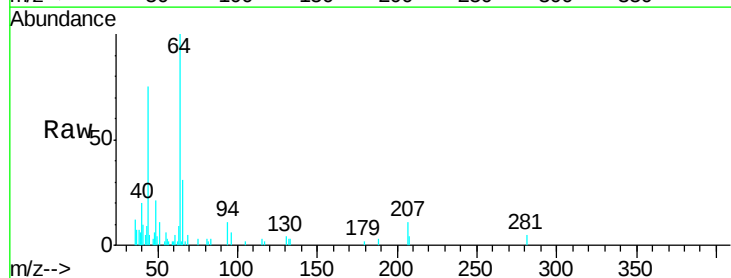
Acq: 02 Oct 2019 15:54

Tgt Ion: 64 Resp: 17754

Ion Ratio Lower Upper

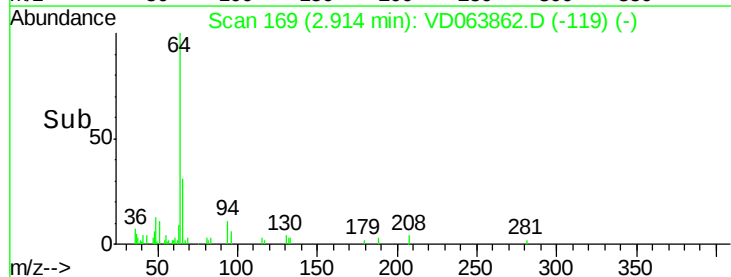
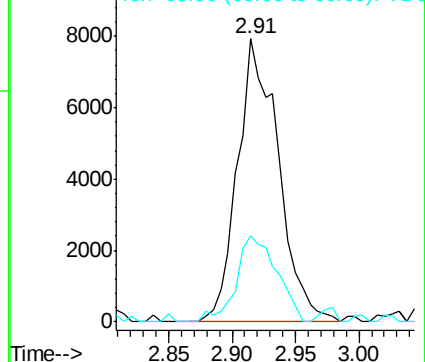
64 100

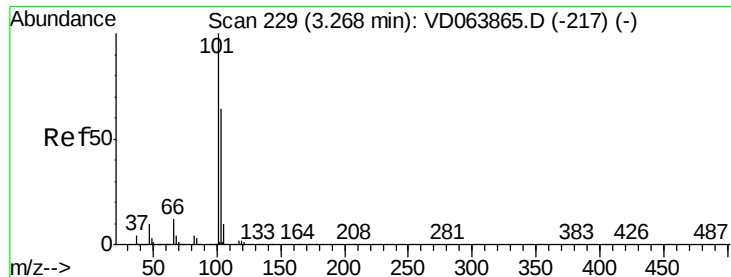
66 30.6 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 5.872 ug/l

RT: 3.27 min Scan# 230

Delta R.T. 0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

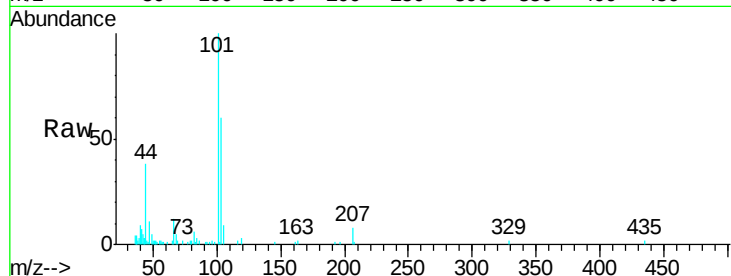
VSTDIC005

Tgt Ion:101 Resp: 34548

Ion Ratio Lower Upper

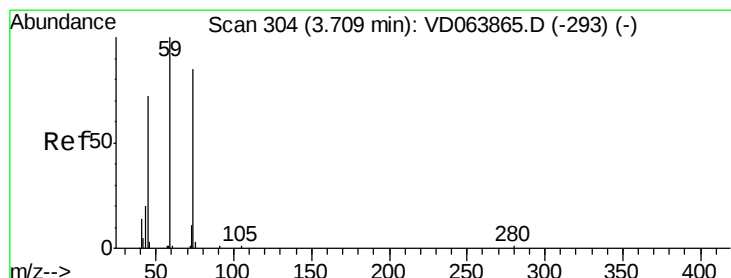
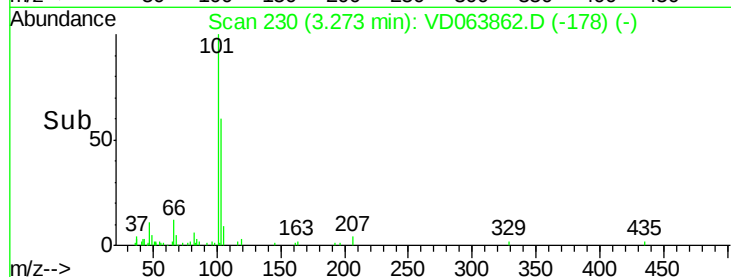
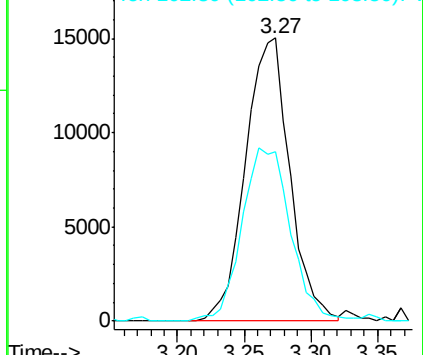
101 100

103 59.9 51.1 76.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.832 ug/l

RT: 3.71 min Scan# 304

Delta R.T. -0.00 min

Lab File: VD063862.D

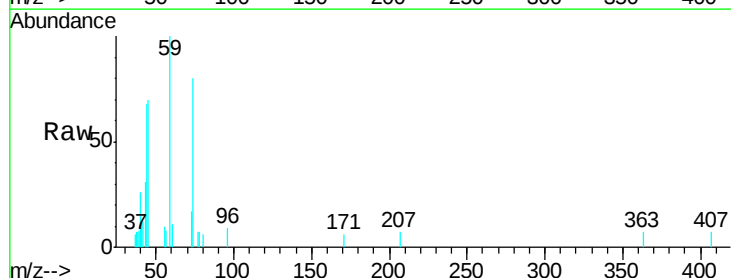
Acq: 02 Oct 2019 15:54

Tgt Ion: 74 Resp: 5678

Ion Ratio Lower Upper

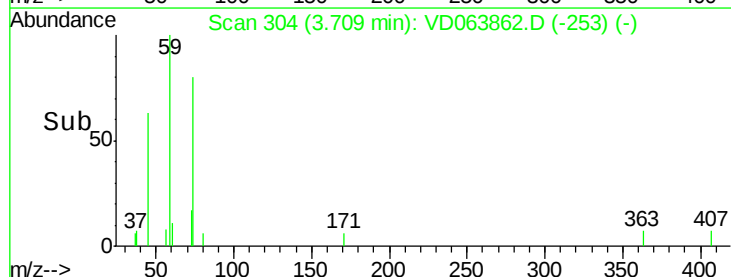
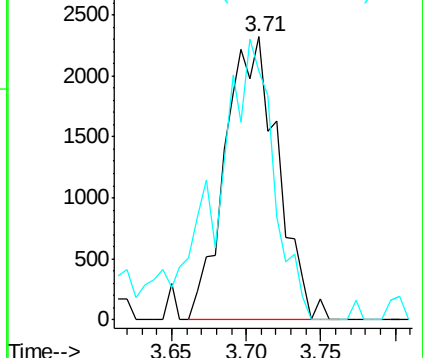
74 100

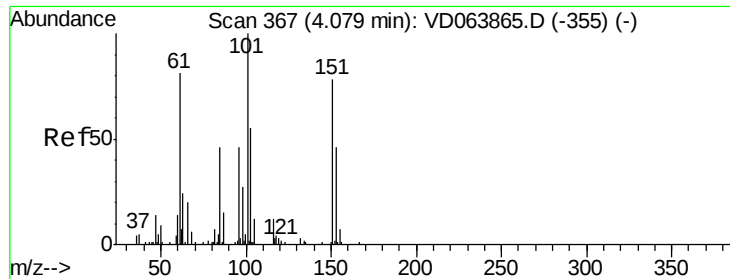
45 111.6 48.1 144.4



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.900 ug/l

RT: 4.07 min Scan# 366

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

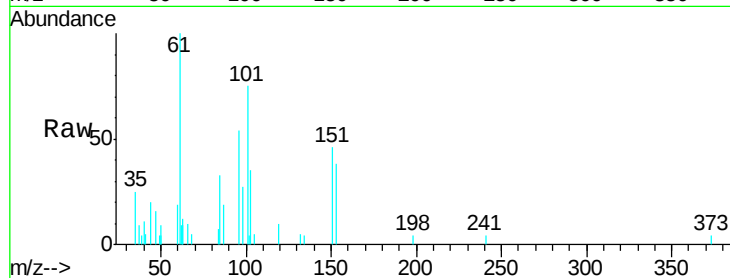
Tgt Ion:101 Resp: 4988

Ion Ratio Lower Upper

101 100

85 51.6 37.5 56.3

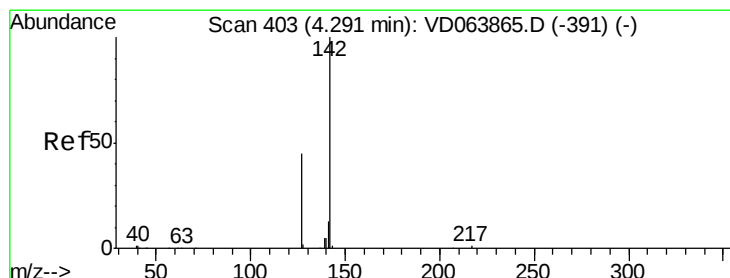
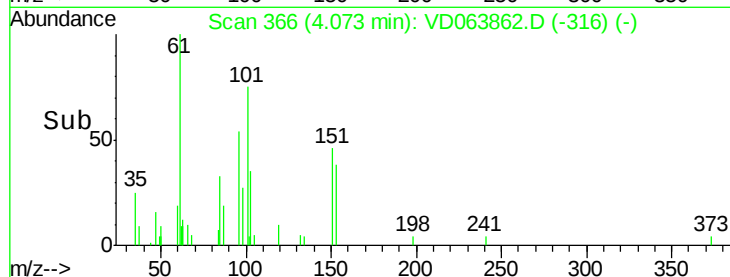
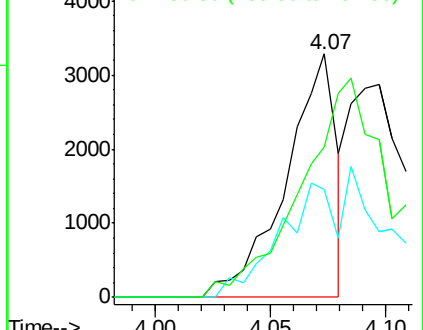
151 156.1 65.5 98.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 5.242 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

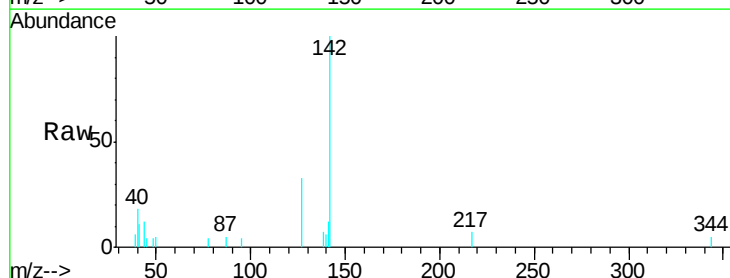
Tgt Ion:142 Resp: 10976

Ion Ratio Lower Upper

142 100

127 47.1 35.3 52.9

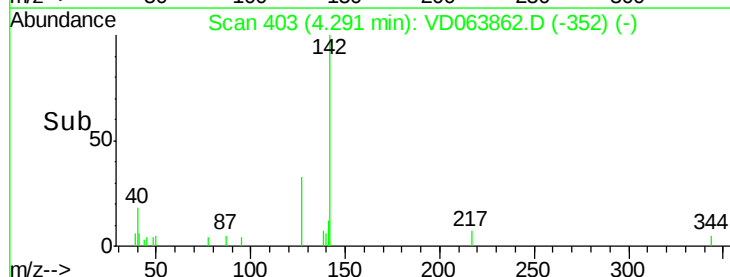
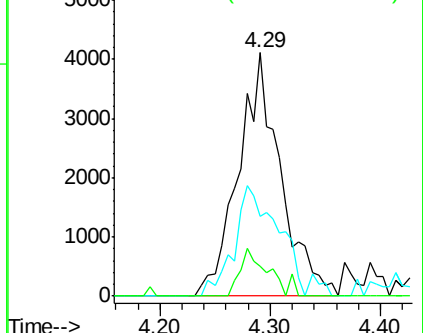
141 12.2 12.2 18.2

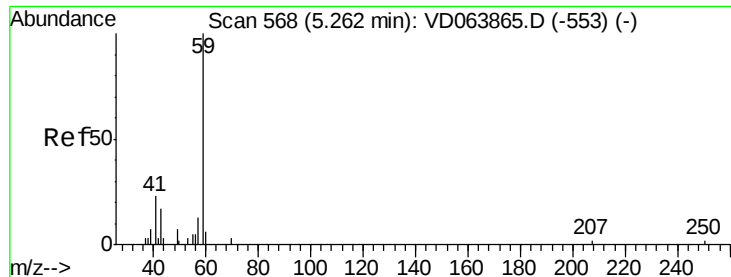


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



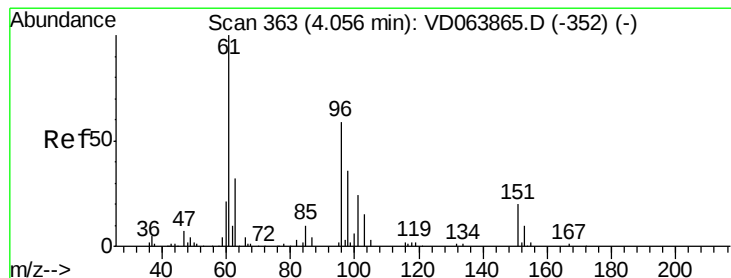
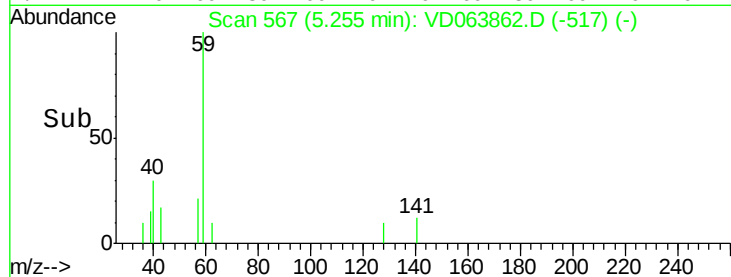
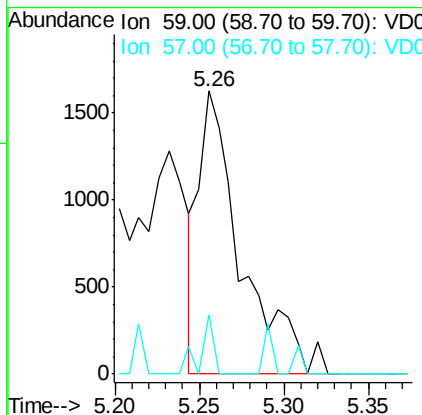
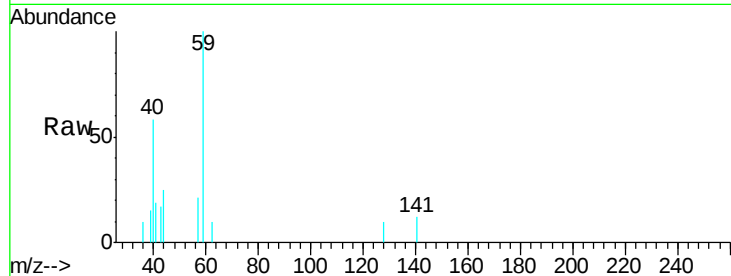


#11

Tert butyl alcohol
 Concen: 18.731 ug/l
 RT: 5.26 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

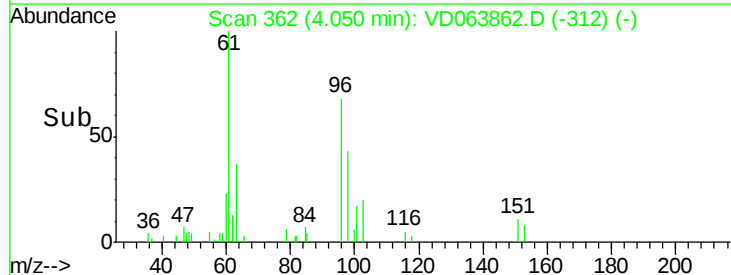
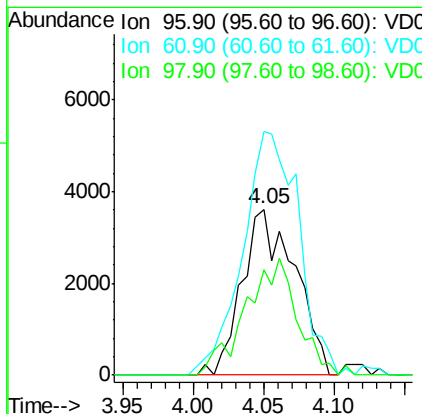
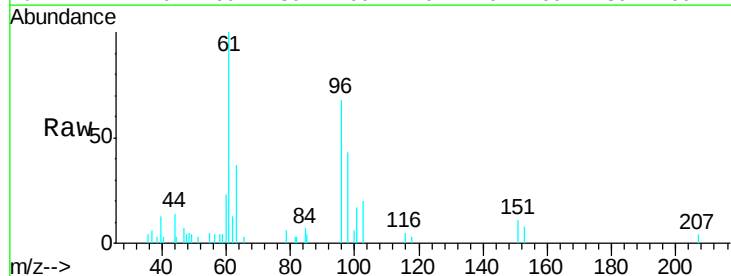
Tgt Ion: 59 Resp: 2844
 Ion Ratio Lower Upper
 59 100
 57 6.1 8.8 13.2#

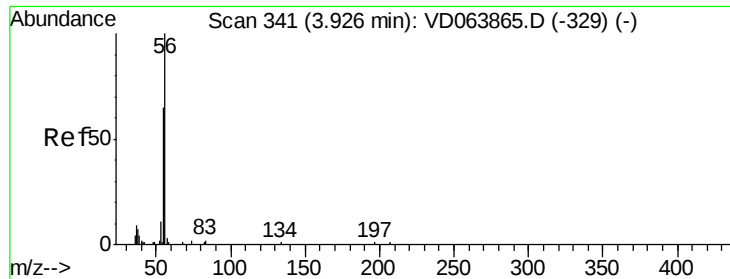


#12

1,1-Dichloroethene
 Concen: 5.430 ug/l
 RT: 4.05 min Scan# 362
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 96 Resp: 9460
 Ion Ratio Lower Upper
 96 100
 61 146.9 135.6 203.4
 98 63.7 49.2 73.8

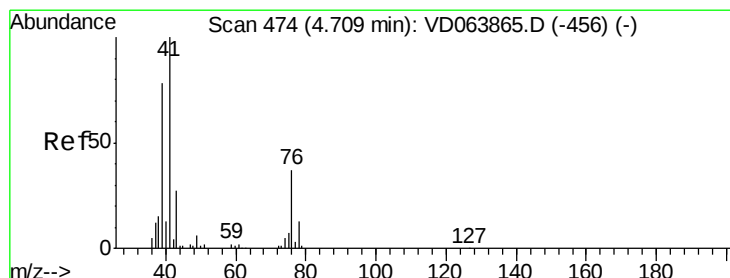
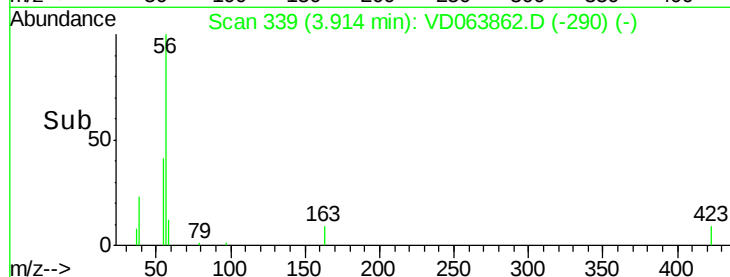
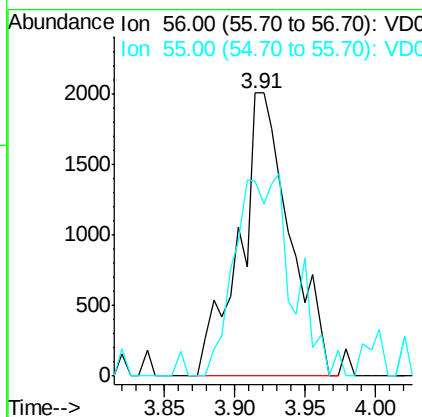
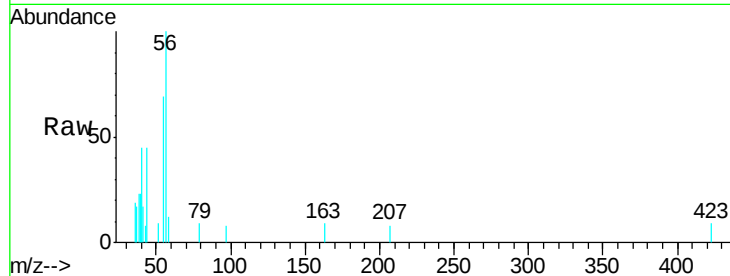




#13
 Acrolein
 Concen: 27.481 ug/l
 RT: 3.91 min Scan# 339
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

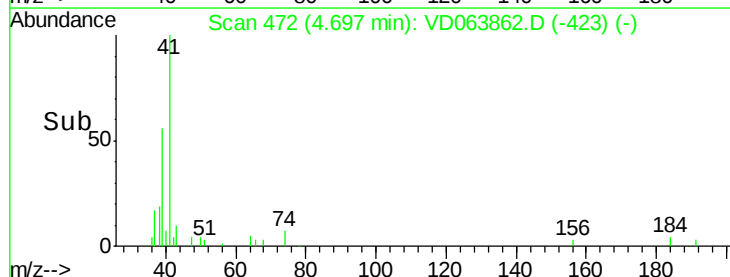
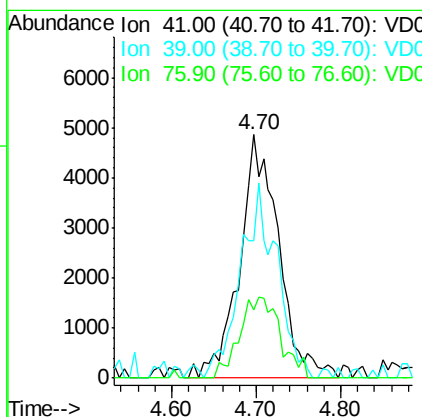
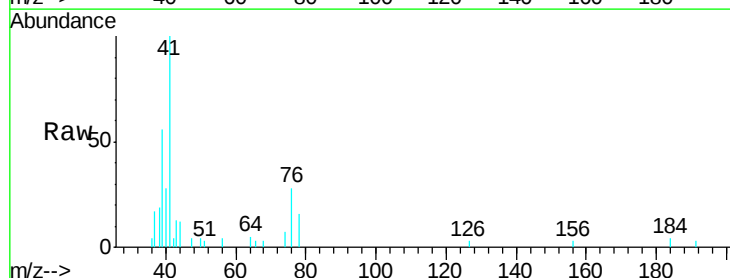
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

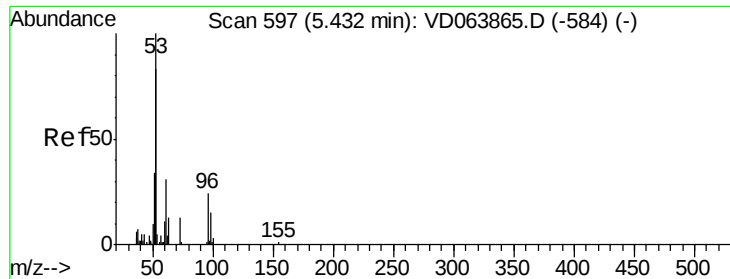
Tgt Ion: 56 Resp: 5014
 Ion Ratio Lower Upper
 56 100
 55 80.8 53.0 79.6#



#14
 Allyl chloride
 Concen: 5.608 ug/l
 RT: 4.70 min Scan# 472
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 41 Resp: 15608
 Ion Ratio Lower Upper
 41 100
 39 74.0 61.8 92.6
 76 34.7 31.3 46.9





#15

Acrylonitrile

Concen: 24.588 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

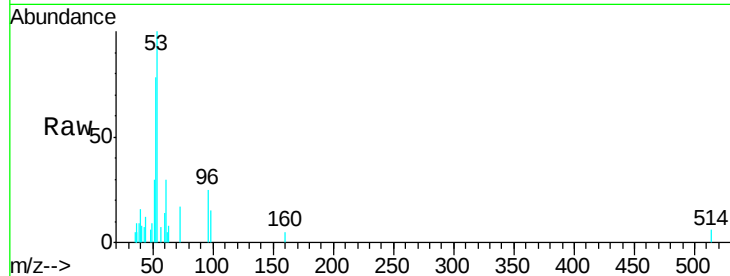
Tgt Ion: 53 Resp: 10438

Ion Ratio Lower Upper

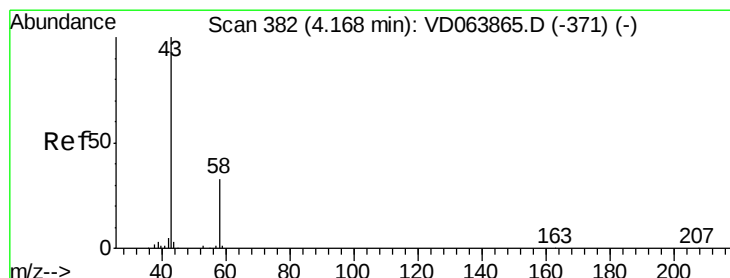
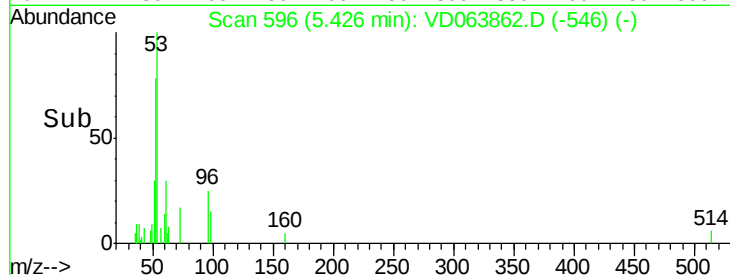
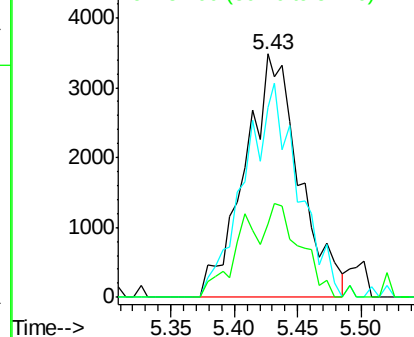
53 100

52 86.8 67.3 100.9

51 23.9 30.5 45.7#



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 28.154 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD063862.D

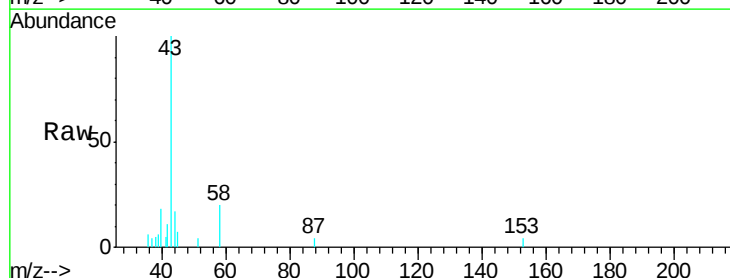
Acq: 02 Oct 2019 15:54

Tgt Ion: 43 Resp: 12914

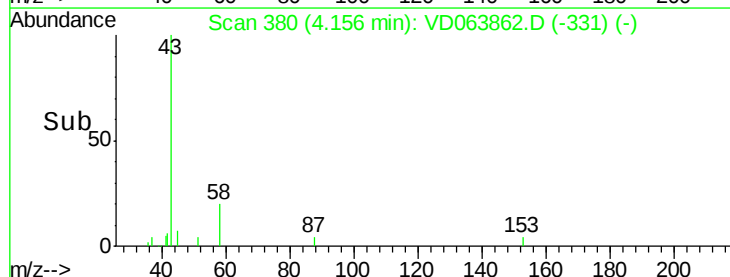
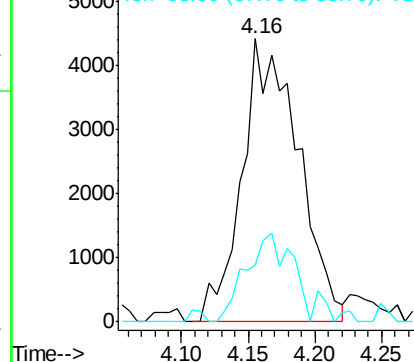
Ion Ratio Lower Upper

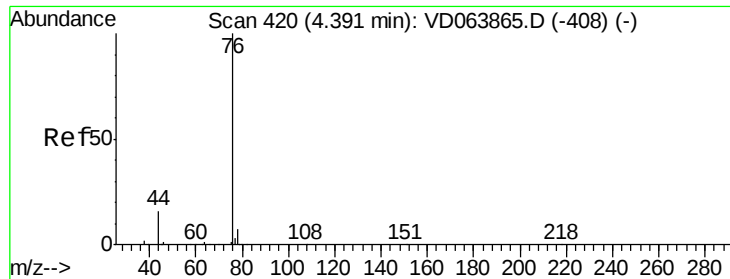
43 100

58 16.7 26.2 39.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

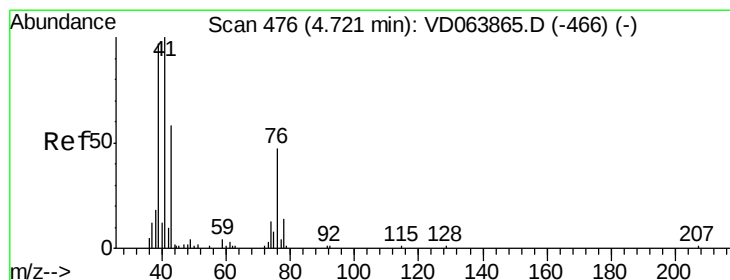
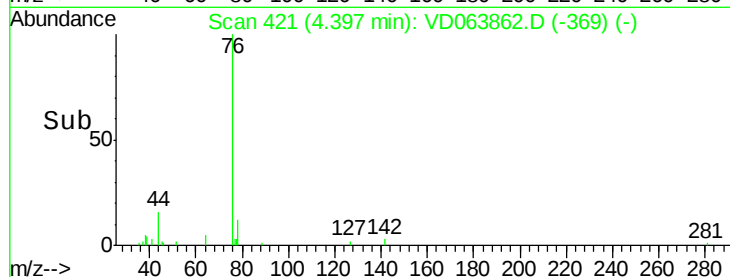
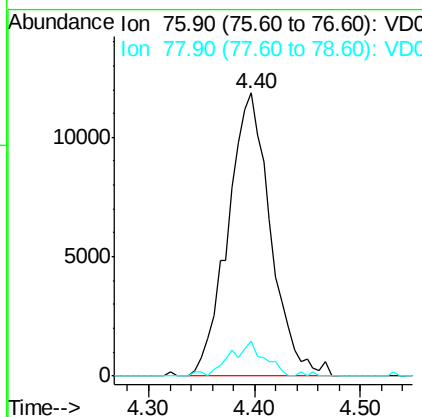
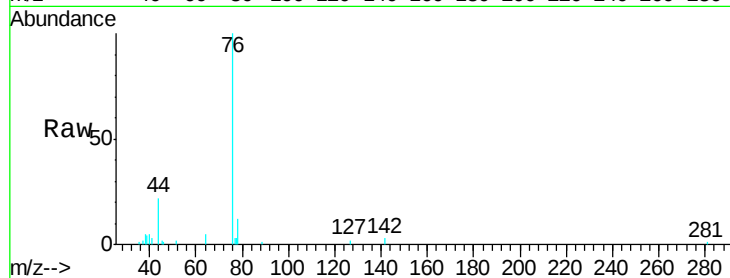




#17
Carbon Disulfide
Concen: 5.598 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

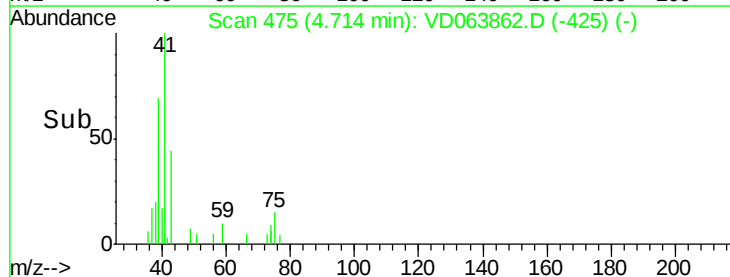
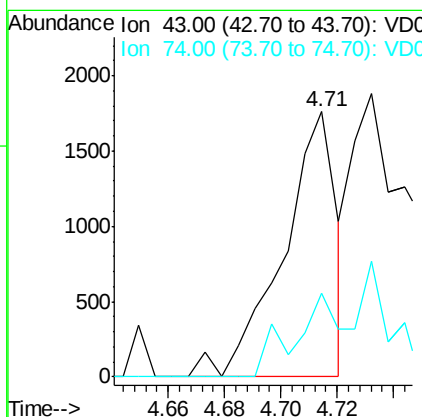
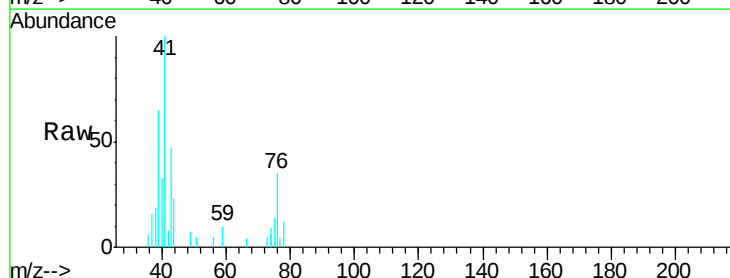
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

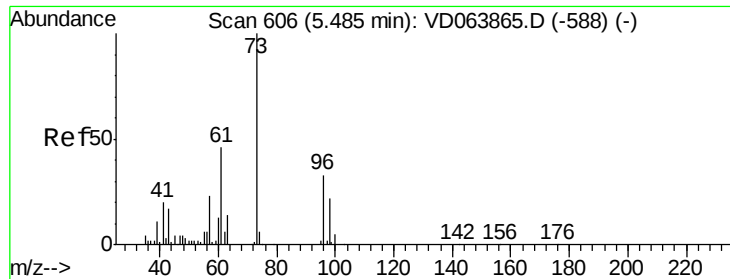
Tgt Ion: 76 Resp: 33250
Ion Ratio Lower Upper
76 100
78 12.3 5.8 8.8#



#18
Methyl Acetate
Concen: 2.172 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
74 30.4 20.8 31.2





#19

Methyl tert-butyl Ether

Concen: 5.346 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

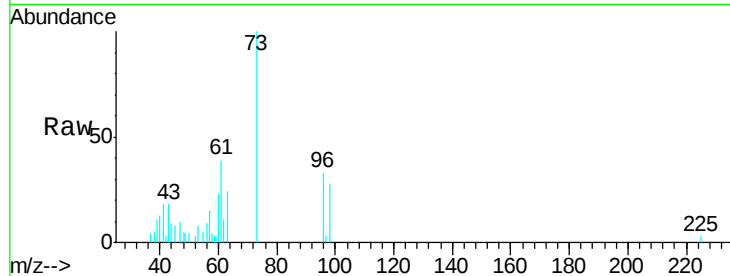
VSTDIC005

Tgt Ion: 73 Resp: 23448

Ion Ratio Lower Upper

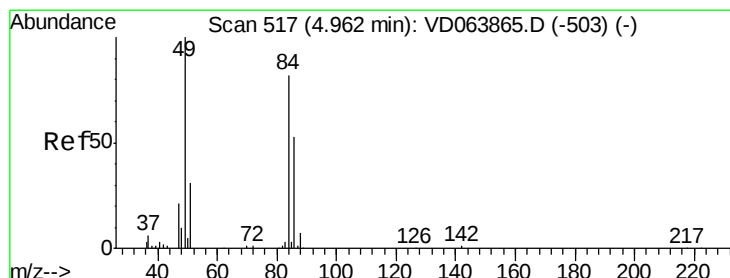
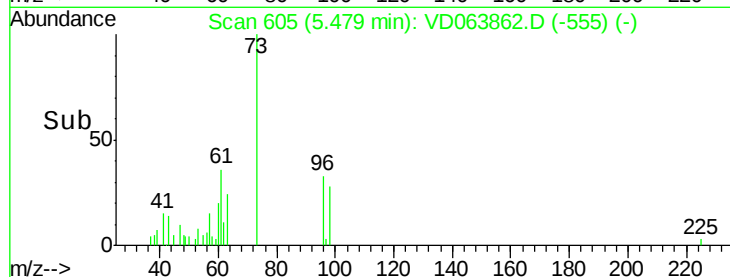
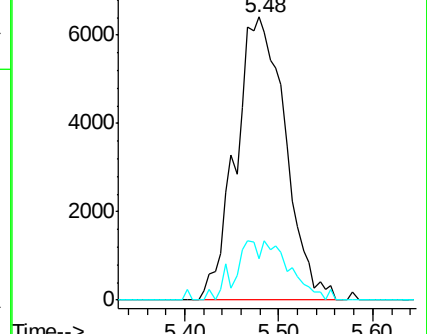
73 100

57 14.6 18.1 27.1#



Abundance Ion 73.00 (72.70 to 73.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#20

Methylene Chloride

Concen: 7.144 ug/l

RT: 4.96 min Scan# 516

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Tgt Ion: 84 Resp: 18688

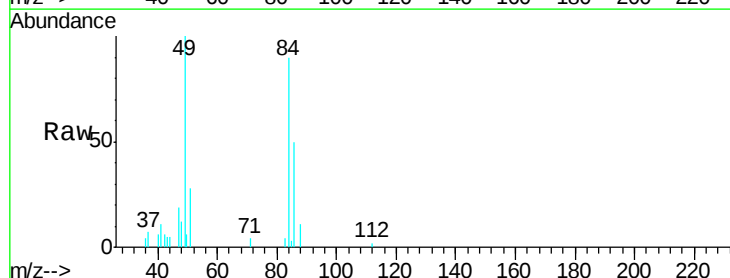
Ion Ratio Lower Upper

84 100

49 110.5 97.3 145.9

51 30.8 30.1 45.1

86 54.9 51.4 77.2

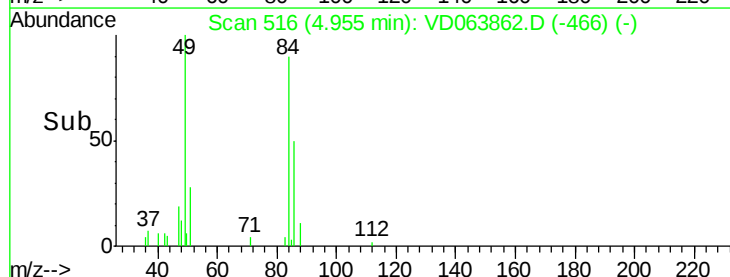
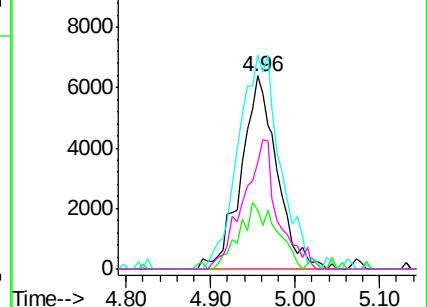


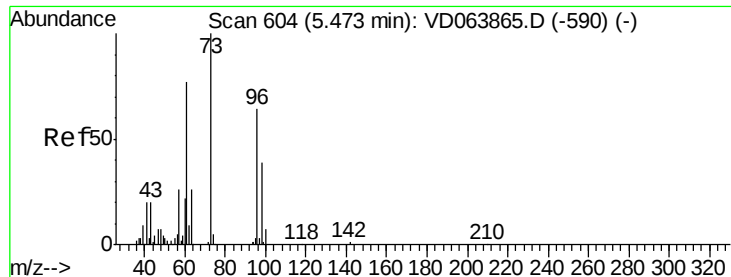
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 5.603 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

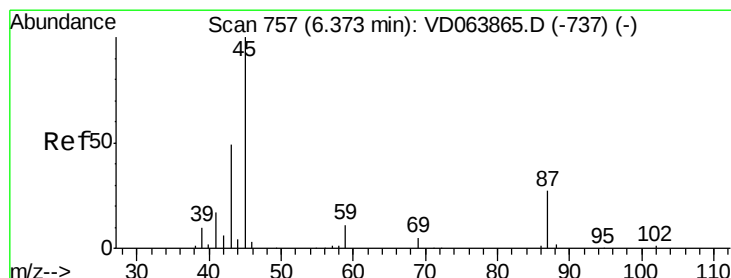
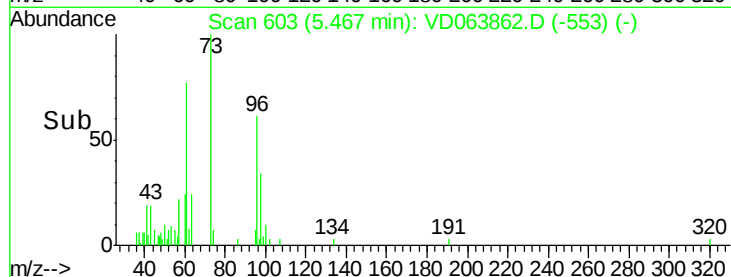
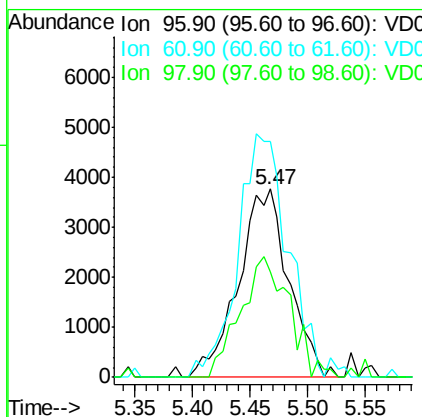
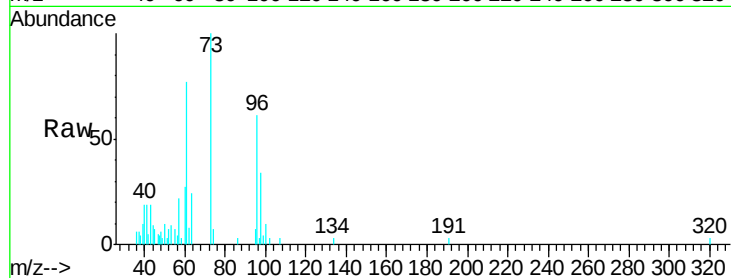
Tgt Ion: 96 Resp: 11463

Ion Ratio Lower Upper

96 100

61 125.8 96.6 145.0

98 56.4 48.7 73.1



#22

Diisopropyl ether

Concen: 5.391 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Tgt Ion: 45 Resp: 30785

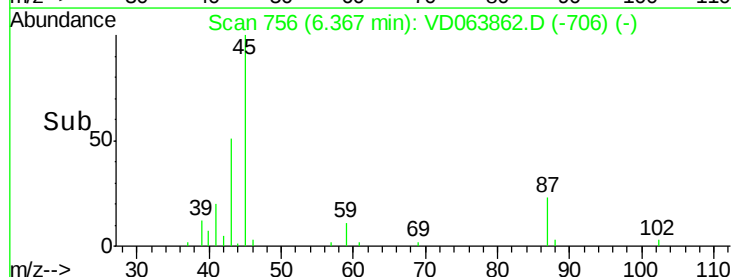
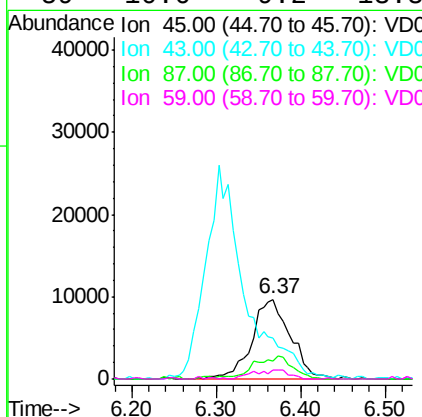
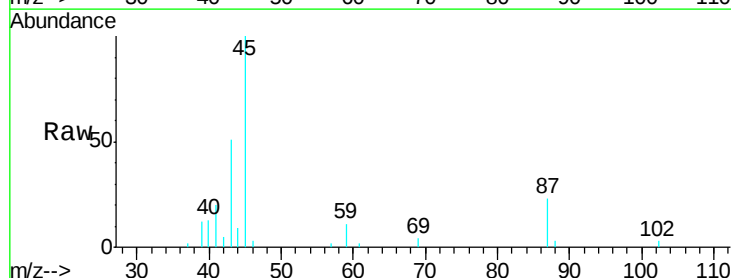
Ion Ratio Lower Upper

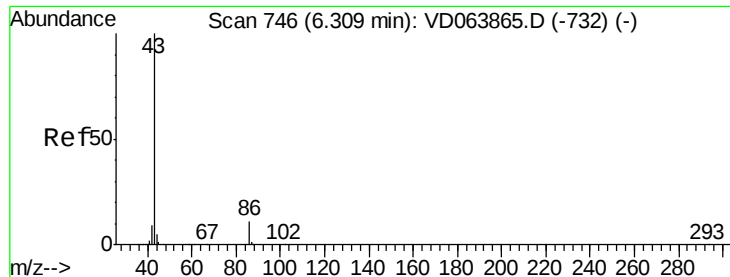
45 100

43 45.7 41.2 61.8

87 23.1 22.2 33.4

59 10.6 9.2 13.8





#23

Vinyl Acetate

Concen: 24.691 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

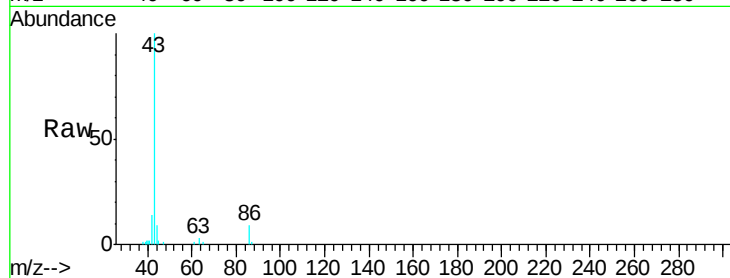
VSTDIC005

Tgt Ion: 43 Resp: 83864

Ion Ratio Lower Upper

43 100

86 8.9 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

25000

20000

15000

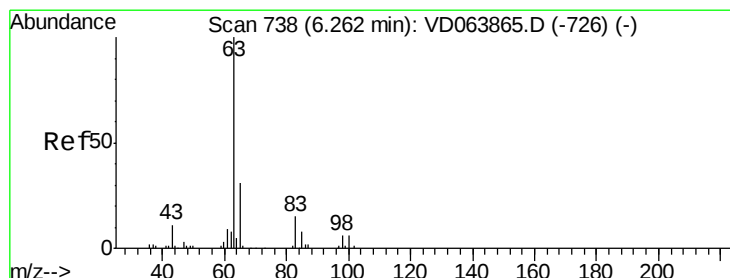
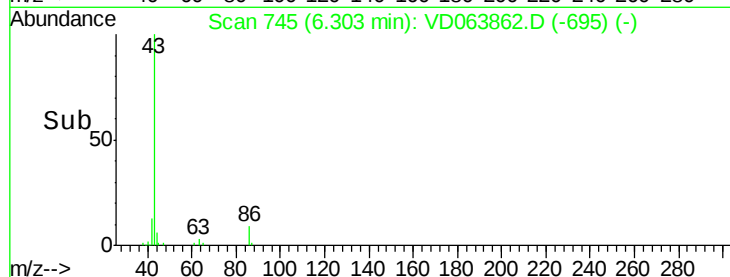
10000

5000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 5.423 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

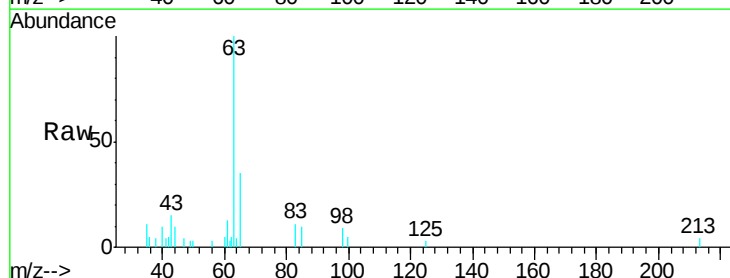
Tgt Ion: 63 Resp: 18906

Ion Ratio Lower Upper

63 100

98 9.2 3.1 9.4

100 4.5 3.0 9.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

8000

6000

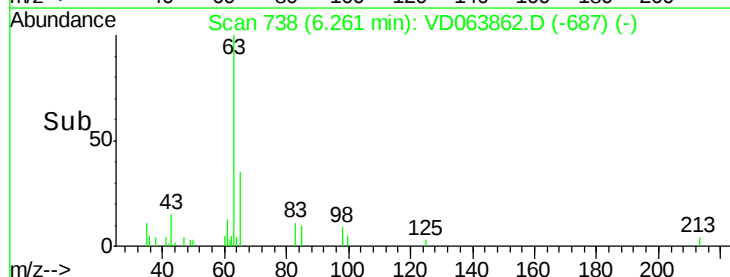
4000

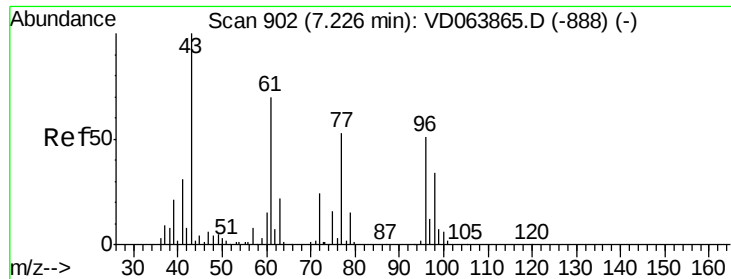
2000

0

Time-->

6.20 6.30





#25

2-Butanone

Concen: 25.466 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

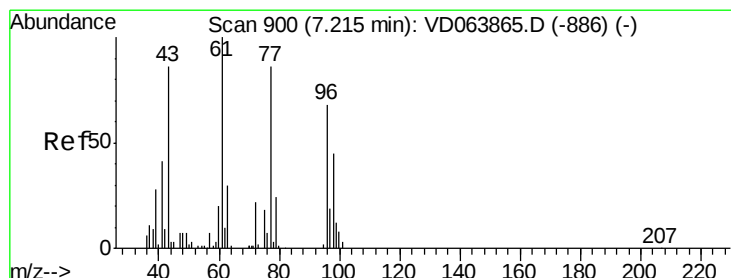
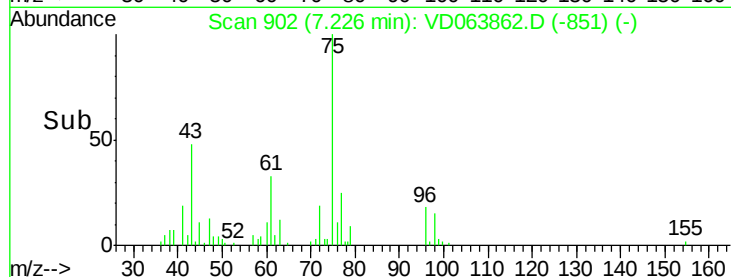
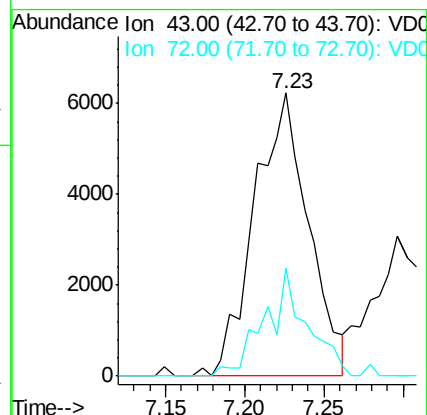
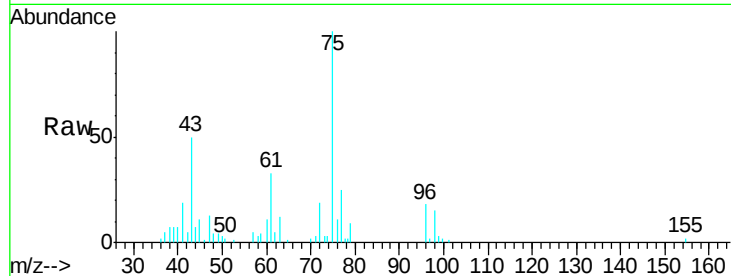
VSTDIC005

Tgt Ion: 43 Resp: 14831

Ion Ratio Lower Upper

43 100

72 38.0 19.2 28.8#



#26

2,2-Dichloropropane

Concen: 5.682 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD063862.D

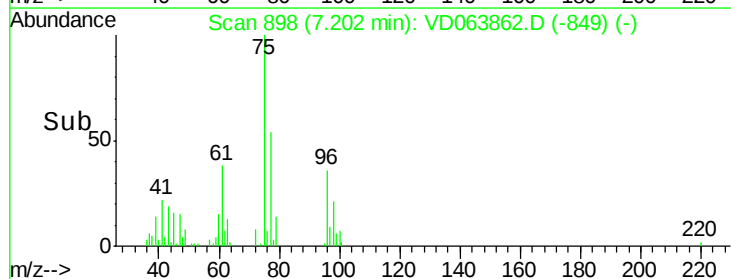
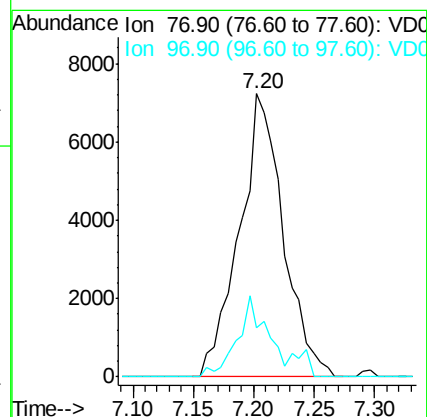
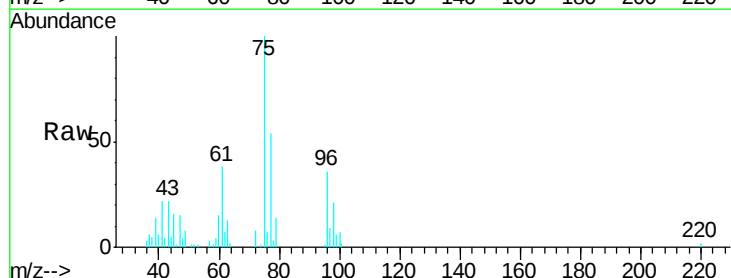
Acq: 02 Oct 2019 15:54

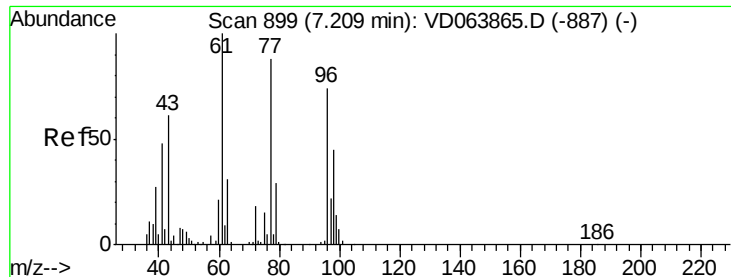
Tgt Ion: 77 Resp: 18321

Ion Ratio Lower Upper

77 100

97 19.3 11.4 34.1

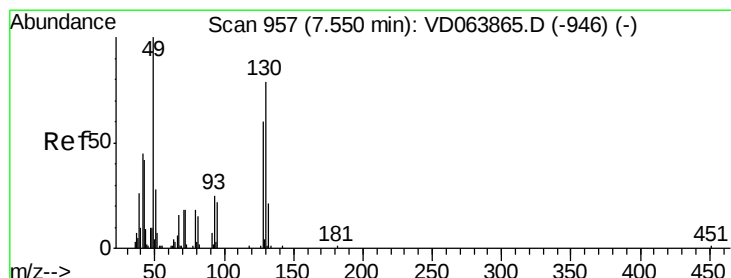
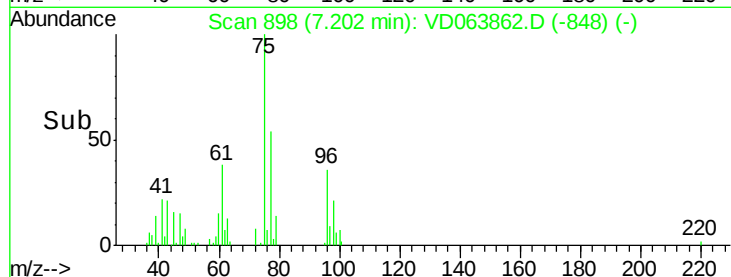
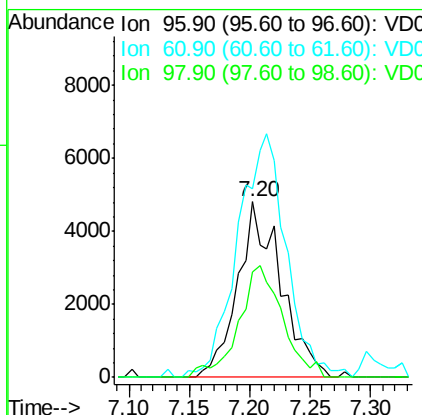
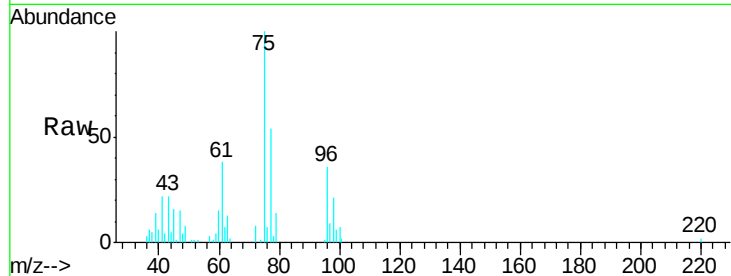




#27
 cis-1,2-Dichloroethene
 Concen: 5.258 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

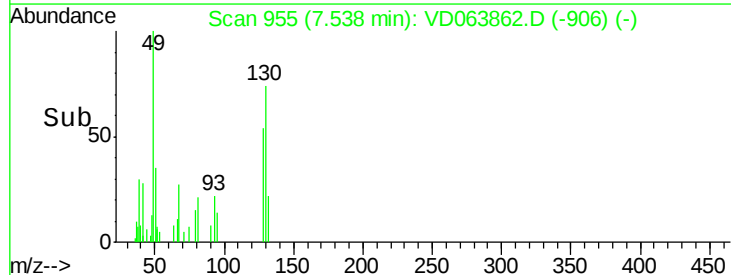
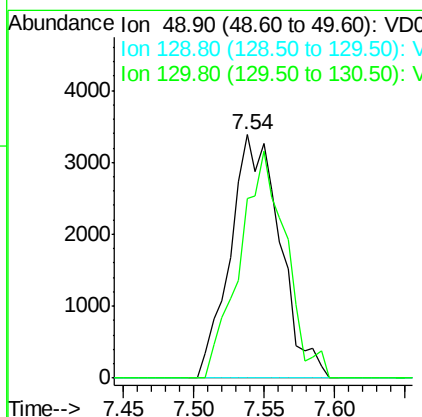
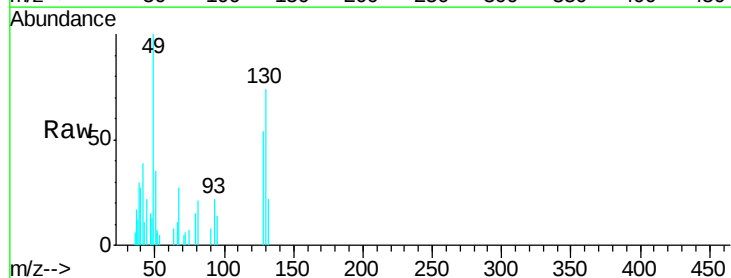
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

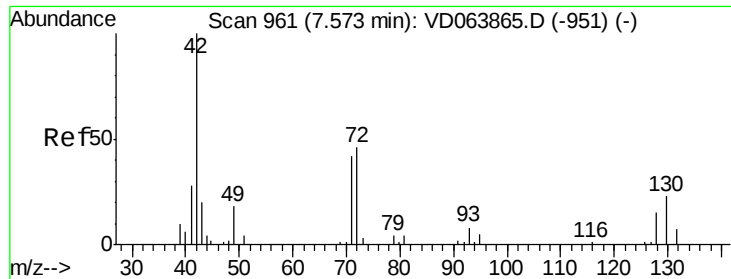
Tgt Ion: 96 Resp: 12009
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 280.0
 98 64.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 6.215 ug/l
 RT: 7.54 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 49 Resp: 8333
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 5.6
 130 87.1 66.8 100.2

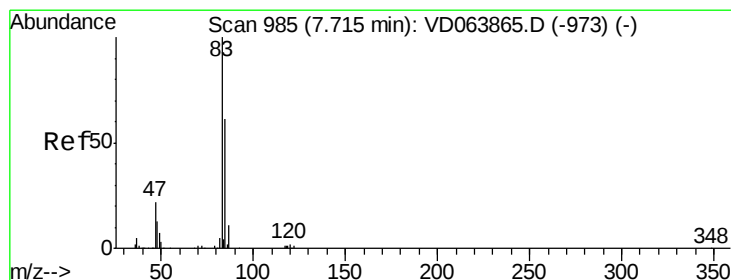
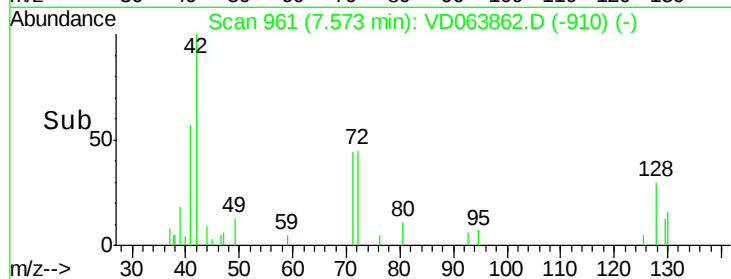
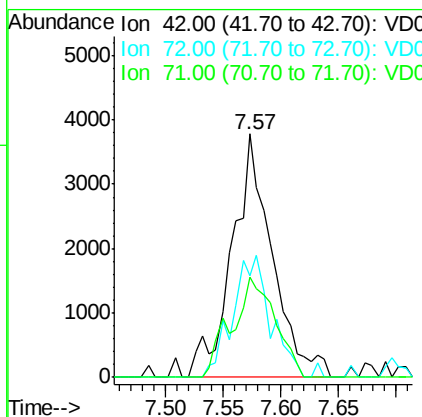
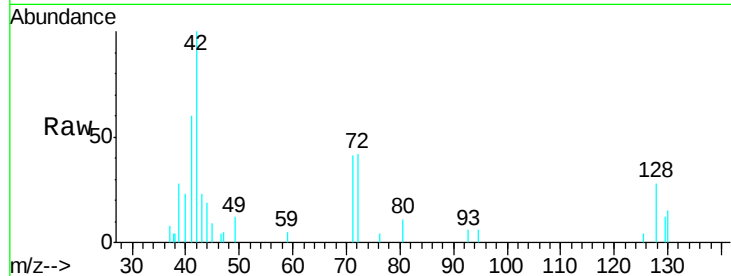




#29
Tetrahydrofuran
Concen: 27.050 ug/l
RT: 7.57 min Scan# 961
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

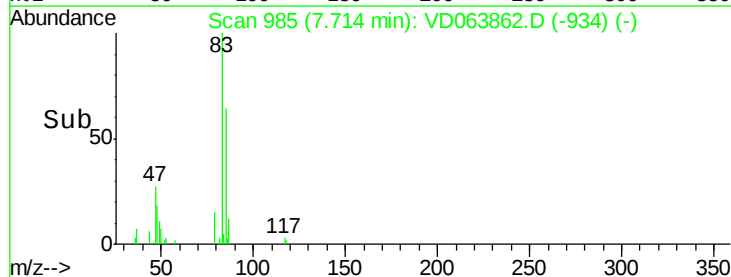
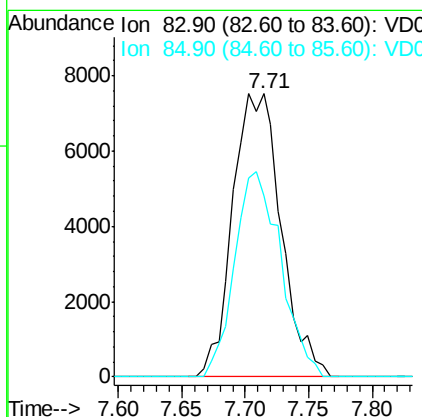
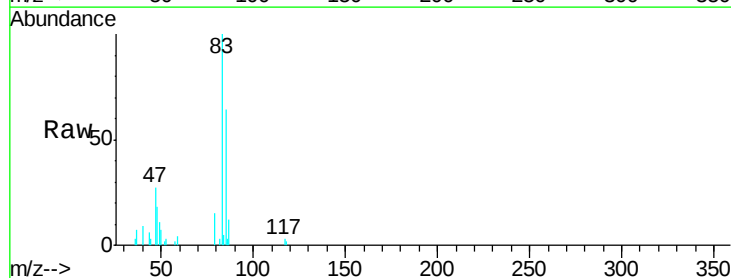
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

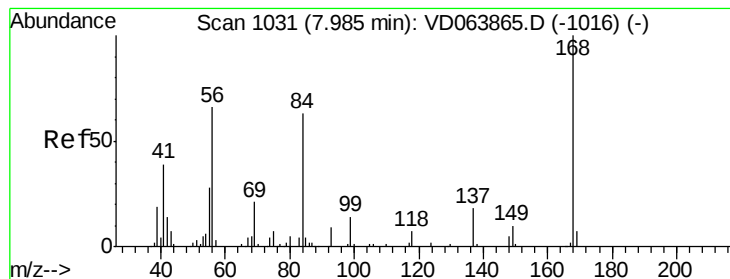
Tgt Ion:	42	Resp:	9205
Ion	Ratio	Lower	Upper
42	100		
72	46.9	37.6	56.4
71	44.5	35.0	52.6



#30
Chloroform
Concen: 5.305 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion:	83	Resp:	19984
Ion	Ratio	Lower	Upper
83	100		
85	63.8	48.9	73.3





#31

Cyclohexane

Concen: 6.391 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

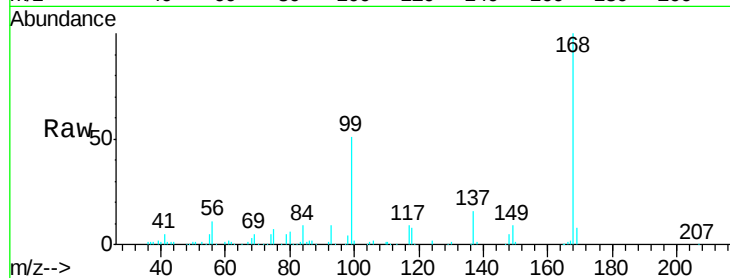
Tgt Ion: 56 Resp: 21870

Ion Ratio Lower Upper

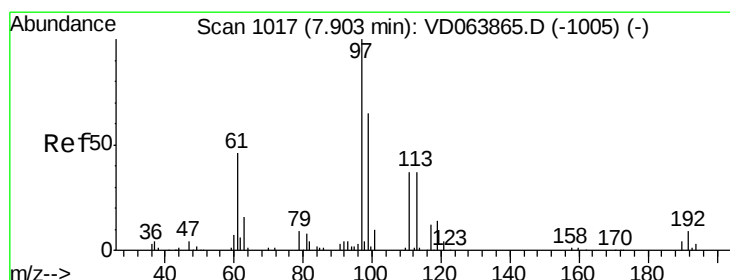
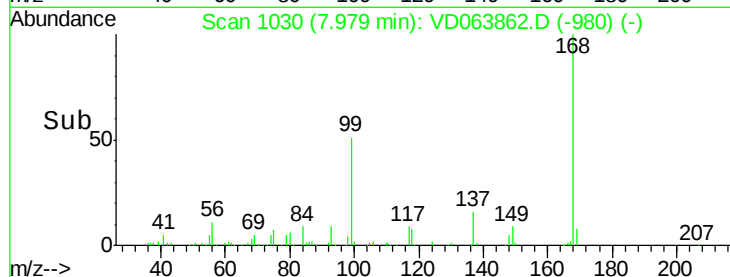
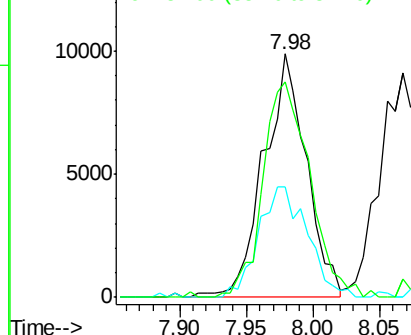
56 100

69 45.2 25.0 37.4#

84 86.5 76.3 114.5



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 5.222 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

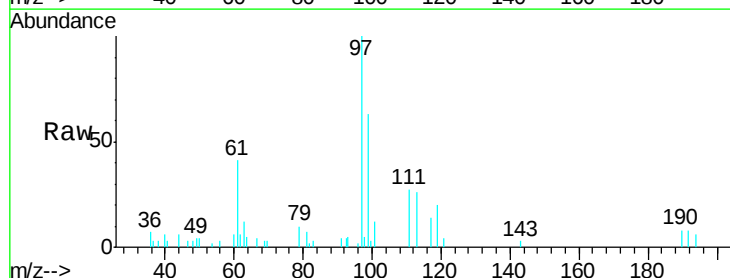
Tgt Ion: 97 Resp: 17738

Ion Ratio Lower Upper

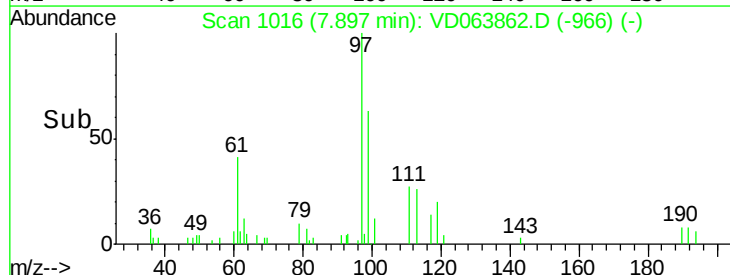
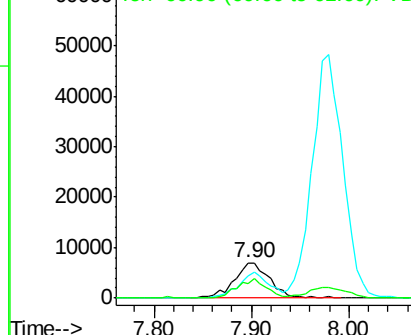
97 100

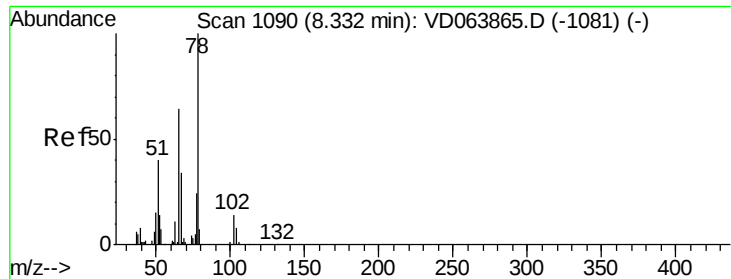
99 63.7 52.4 78.6

61 45.9 33.8 50.8



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

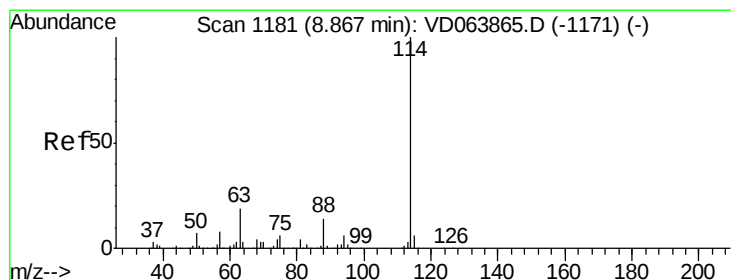
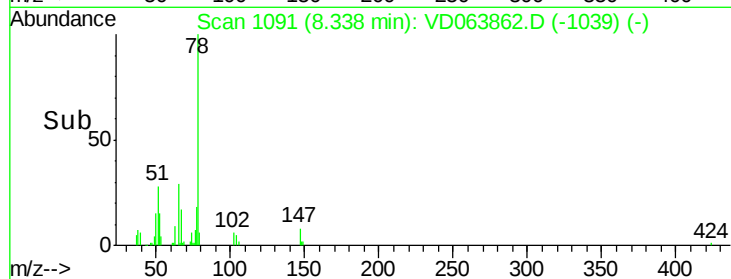
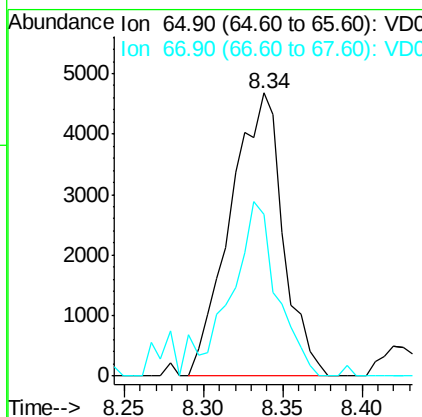
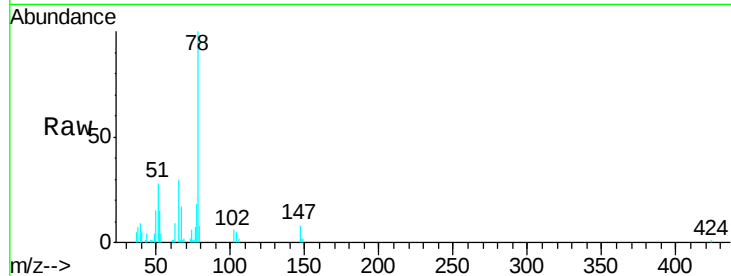




#33
 1,2-Dichloroethane-d4
 Concen: 5.604 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

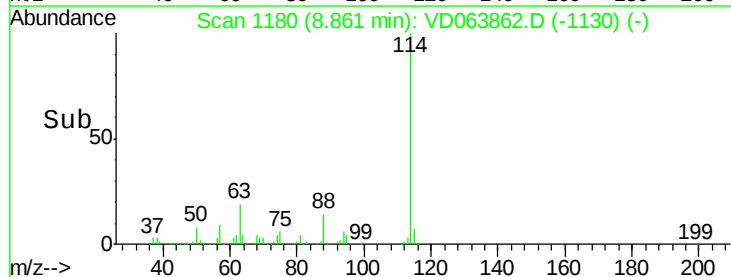
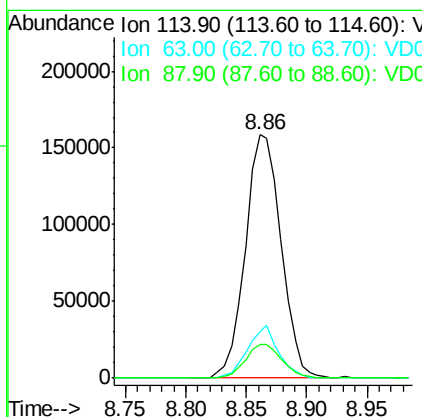
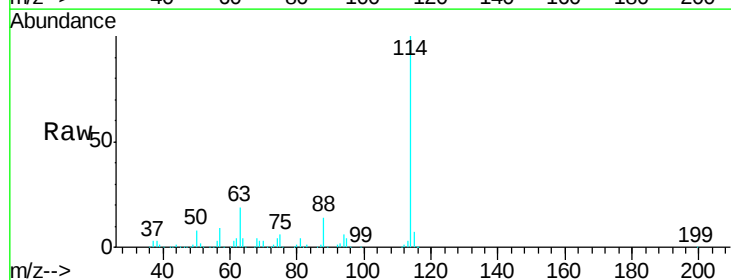
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

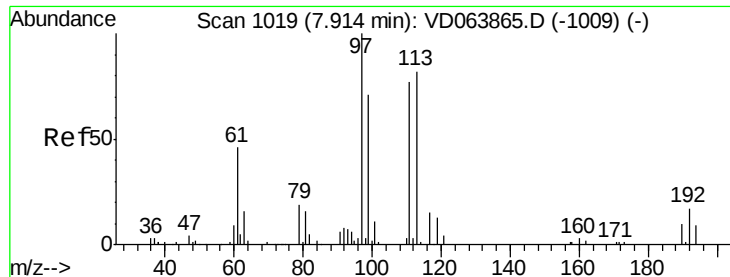
Tgt Ion: 65 Resp: 10841
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 114 Resp: 327074
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.4
 88 13.7 0.0 27.4

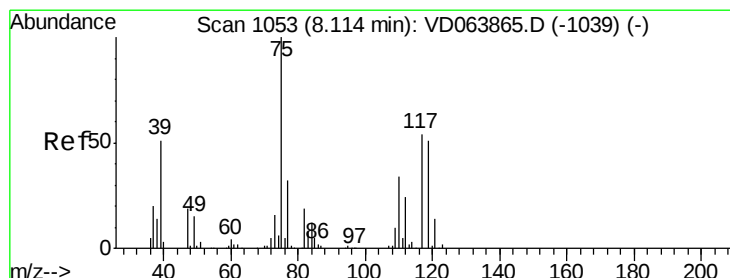
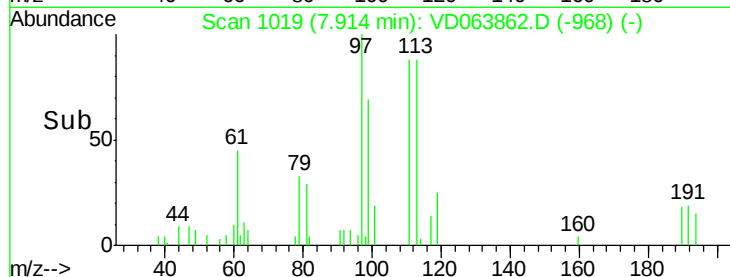
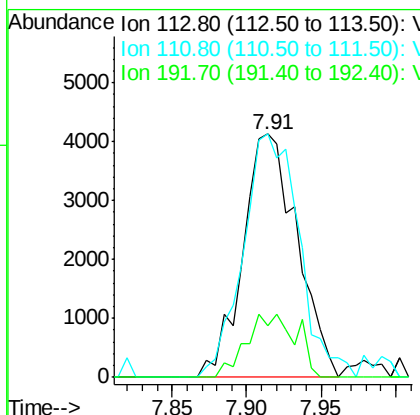
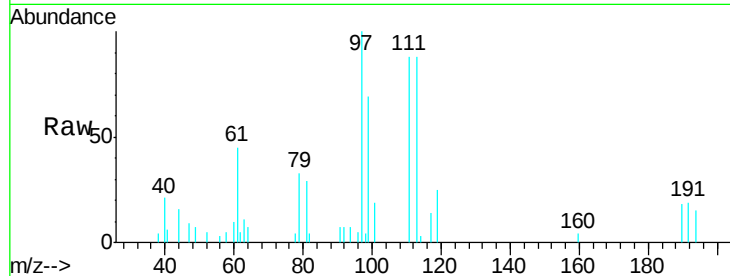




#35
 Dibromofluoromethane
 Concen: 5.055 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

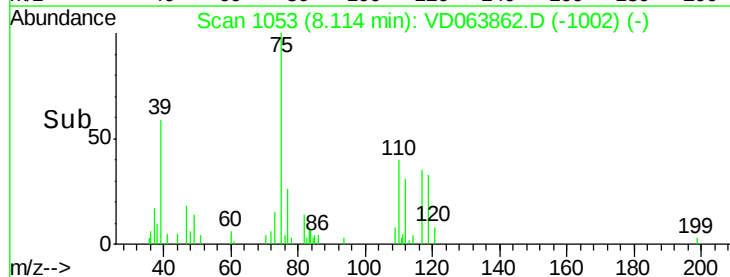
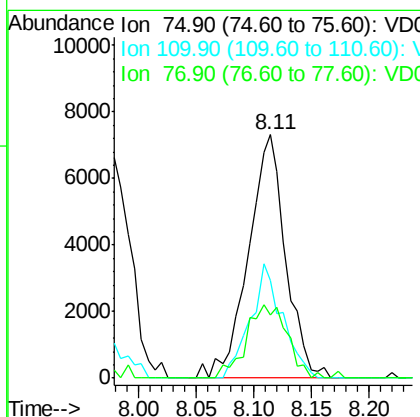
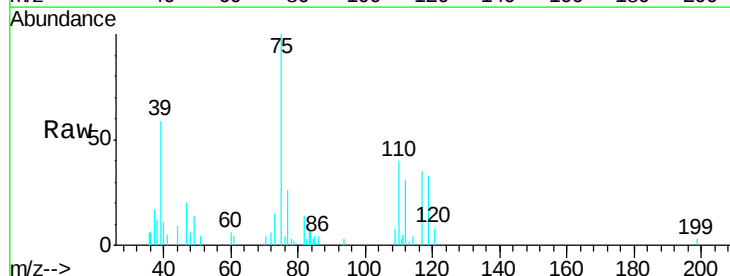
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

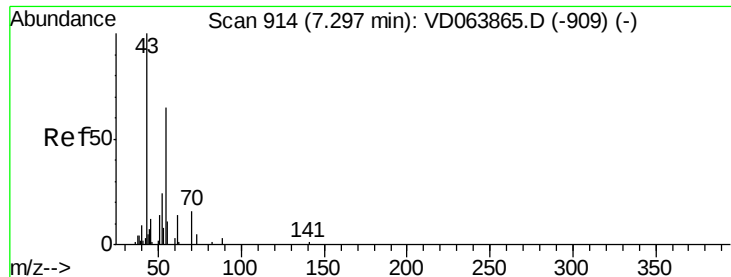
Tgt Ion: 113 Resp: 10398
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.6 123.8
 192 24.1 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 5.563 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 75 Resp: 16455
 Ion Ratio Lower Upper
 75 100
 110 40.6 17.4 52.3
 77 33.0 25.4 38.0

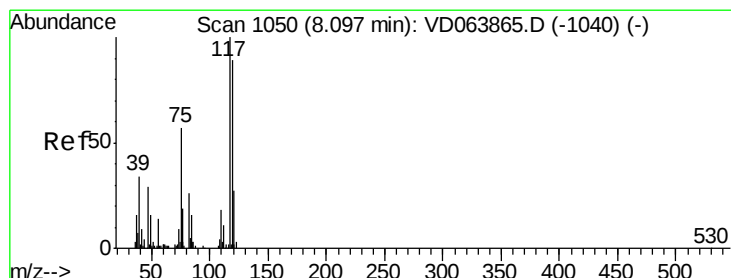
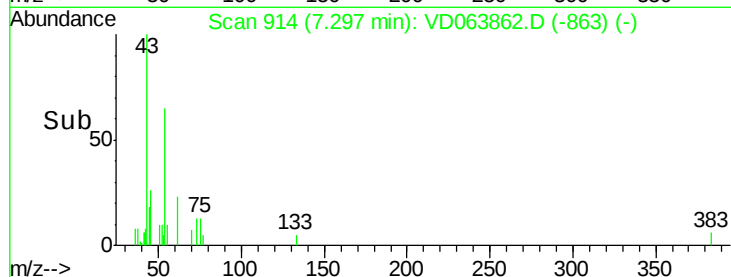
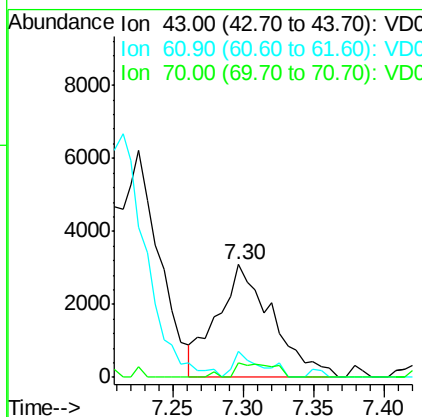
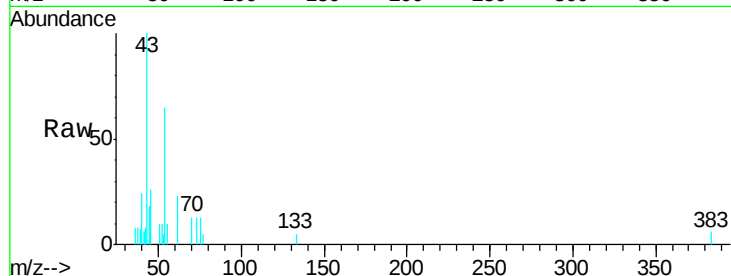




#37
 Ethyl Acetate
 Concen: 6.696 ug/l
 RT: 7.30 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

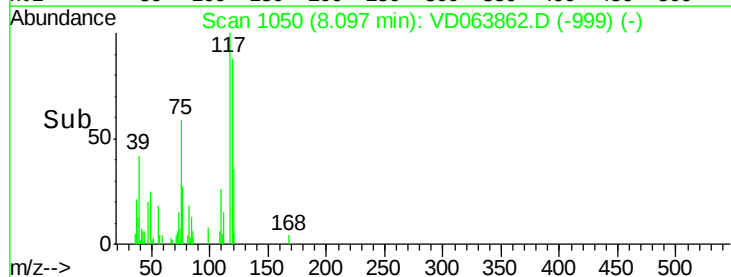
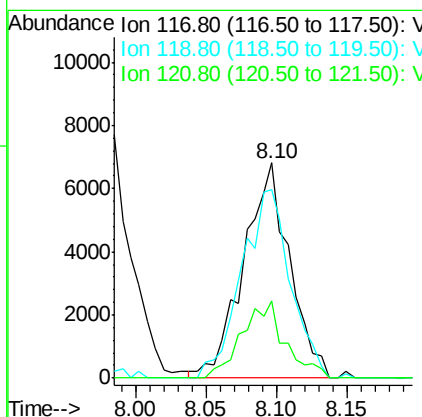
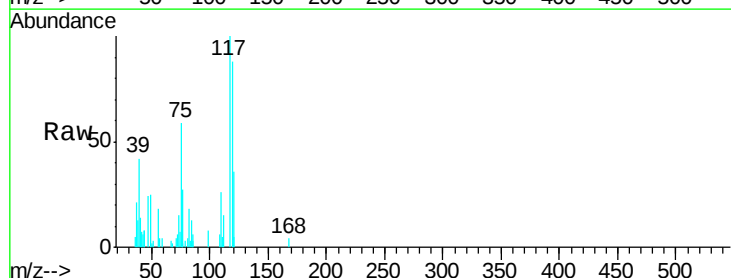
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

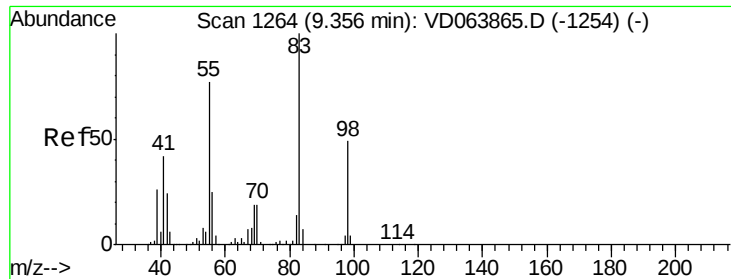
Tgt Ion: 43 Resp: 8454
 Ion Ratio Lower Upper
 43 100
 61 11.2 11.5 17.3#
 70 9.1 8.2 12.4



#38
 Carbon Tetrachloride
 Concen: 5.098 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 117 Resp: 15587
 Ion Ratio Lower Upper
 117 100
 119 87.8 70.8 106.2
 121 36.2 21.4 32.0#

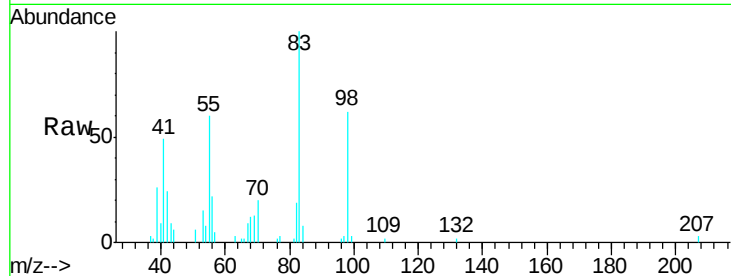




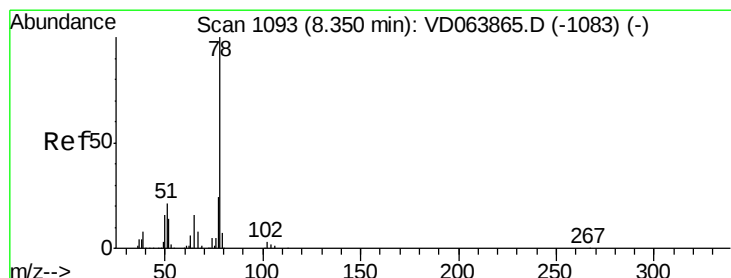
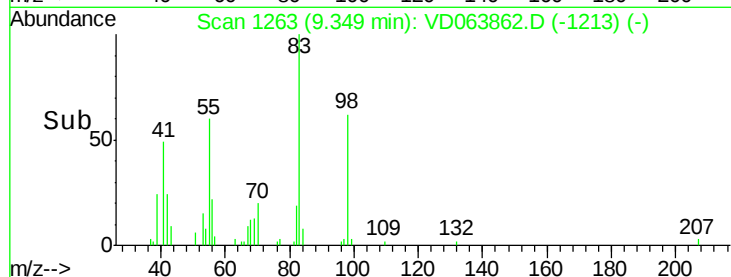
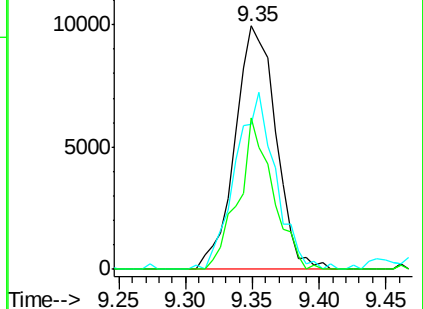
#39
Methylcyclohexane
Concen: 5.738 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 21075
Ion Ratio Lower Upper
83 100
55 59.7 61.3 91.9#
98 62.2 39.3 58.9#

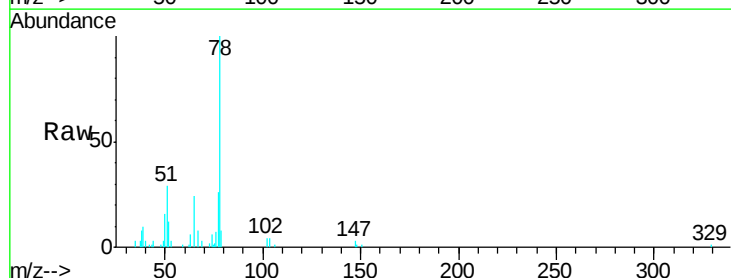


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

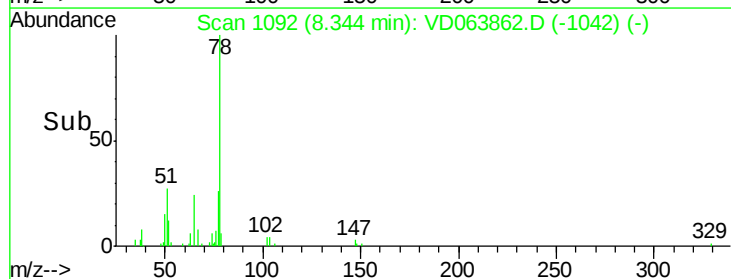
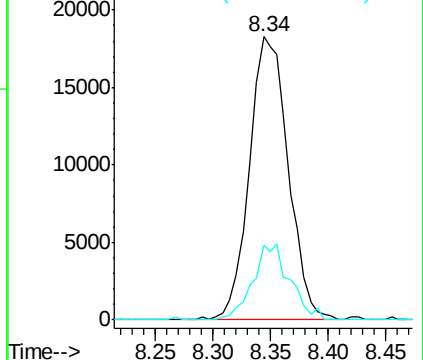


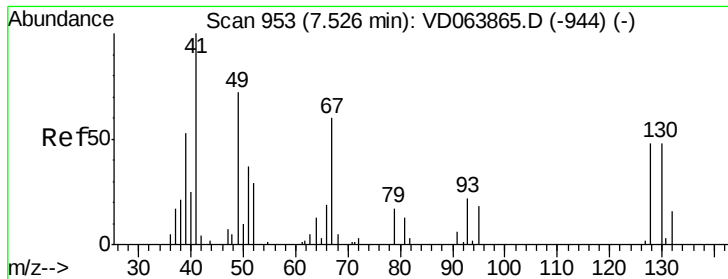
#40
Benzene
Concen: 5.227 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 78 Resp: 42870
Ion Ratio Lower Upper
78 100
77 26.3 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

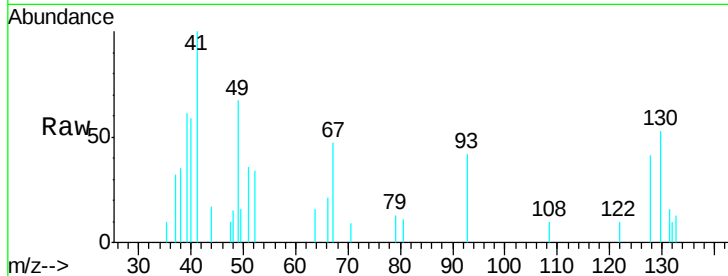




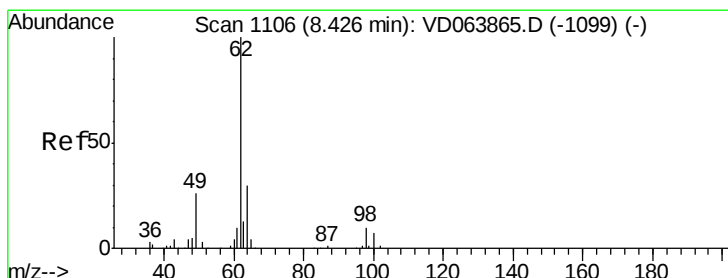
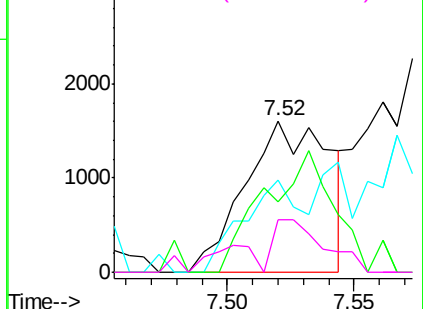
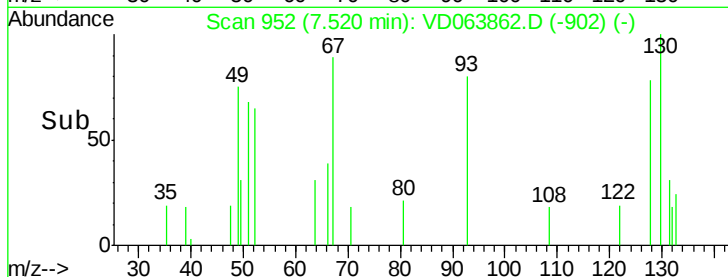
#41
Methacrylonitrile
Concen: 5.207 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 3718
Ion Ratio Lower Upper
41 100
39 42.8 52.6 78.8#
67 68.5 74.2 111.2#
52 20.9 34.0 51.0#

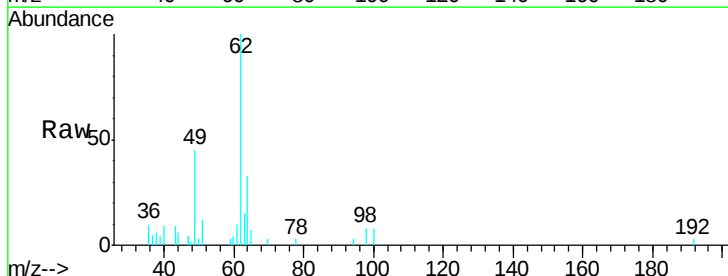


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

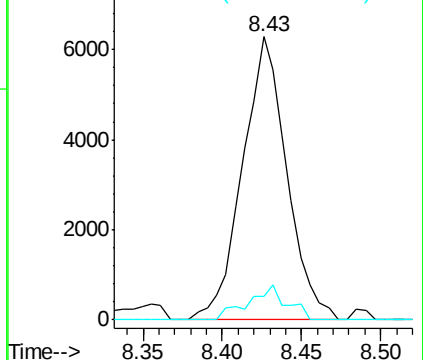
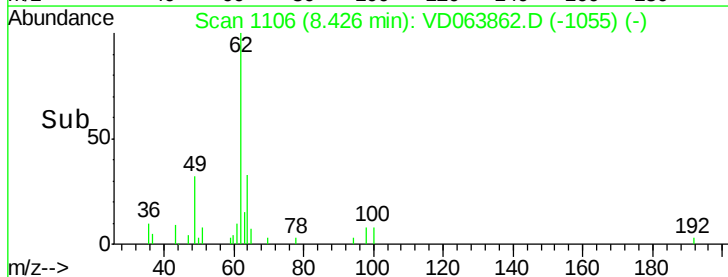


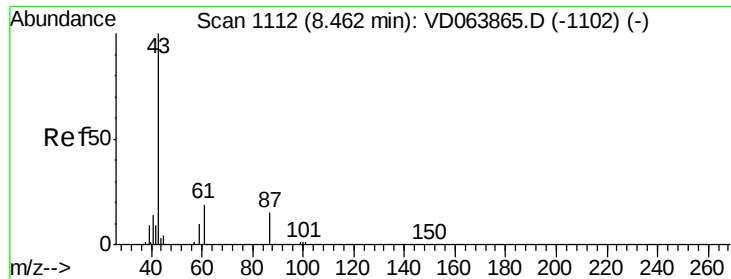
#42
1,2-Dichloroethane
Concen: 5.070 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 62 Resp: 12180
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC

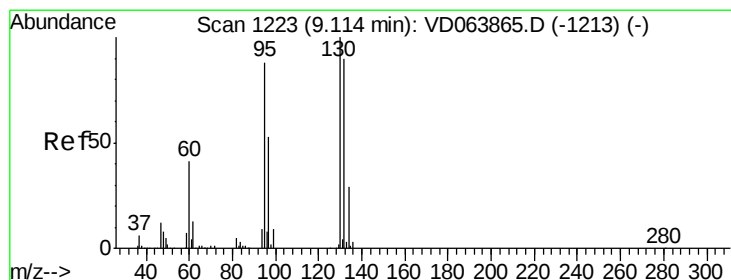
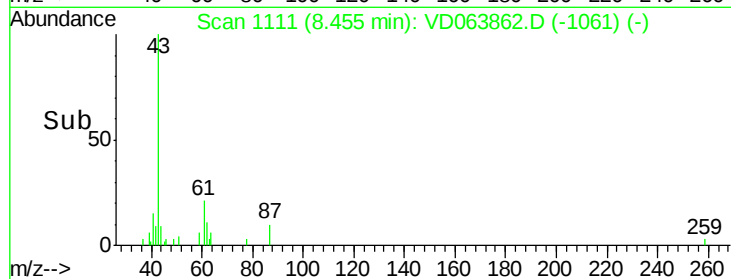
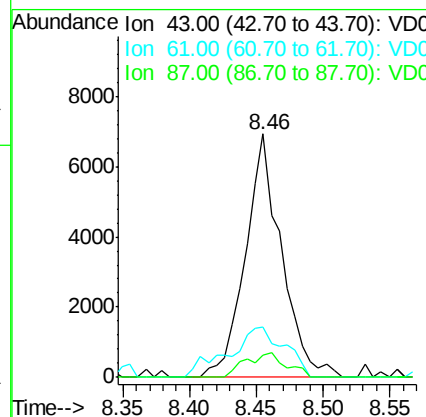
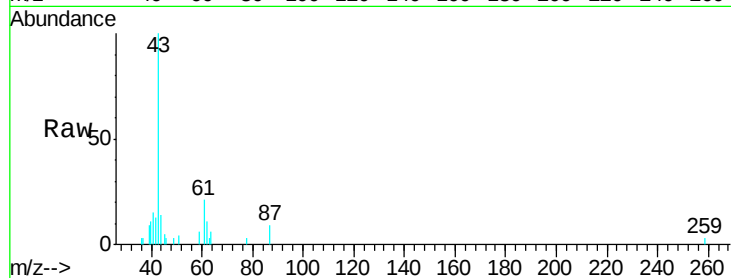




#43
Isopropyl Acetate
Concen: 5.179 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

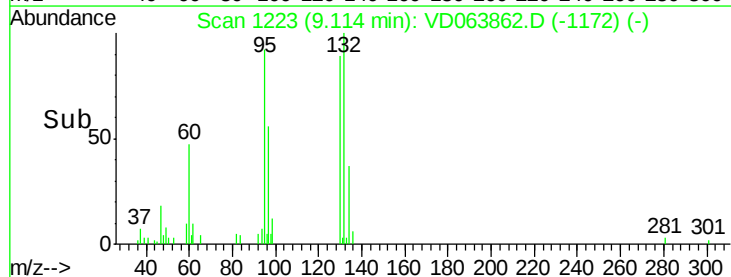
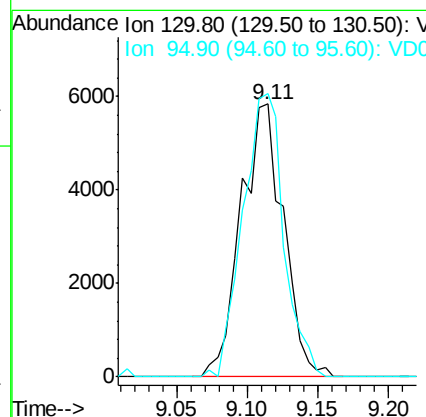
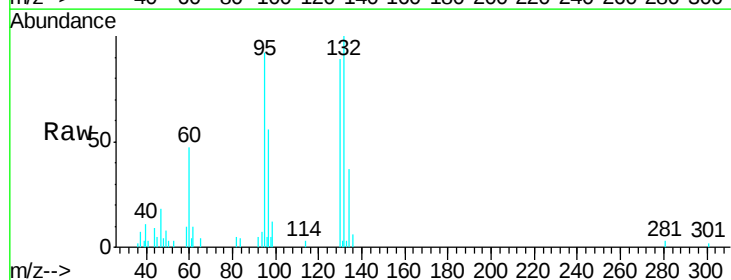
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

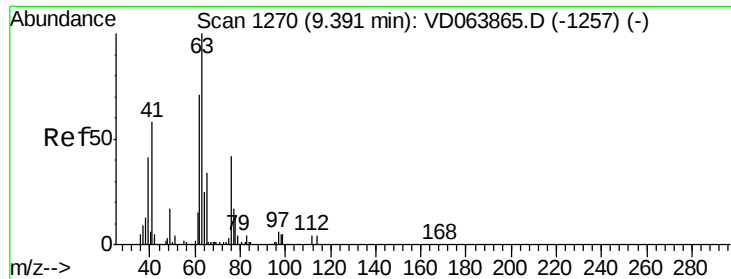
Tgt Ion: 43 Resp: 12903
Ion Ratio Lower Upper
43 100
61 32.3 25.7 38.5
87 11.4 11.6 17.4#



#44
Trichloroethene
Concen: 5.158 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 130 Resp: 12274
Ion Ratio Lower Upper
130 100
95 103.7 0.0 175.6

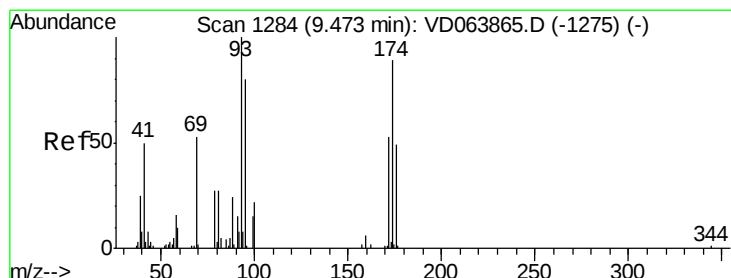
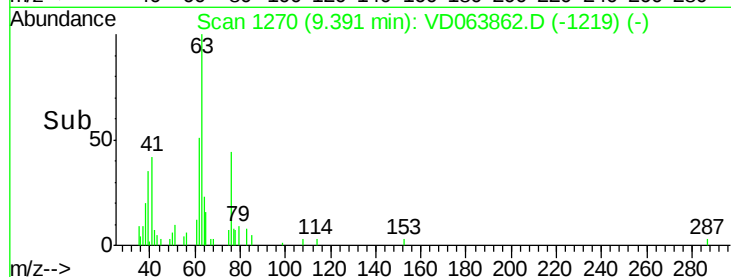
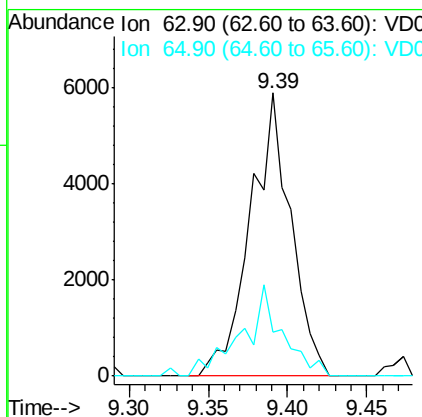
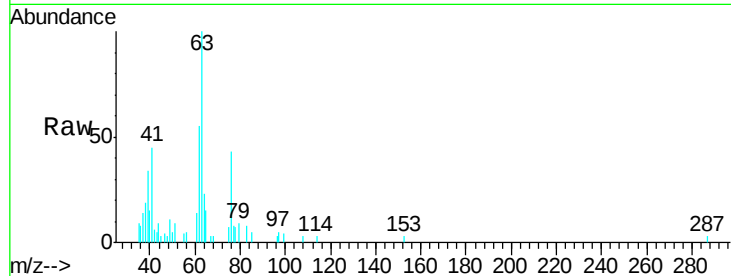




#45
 1,2-Dichloropropane
 Concen: 5.164 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

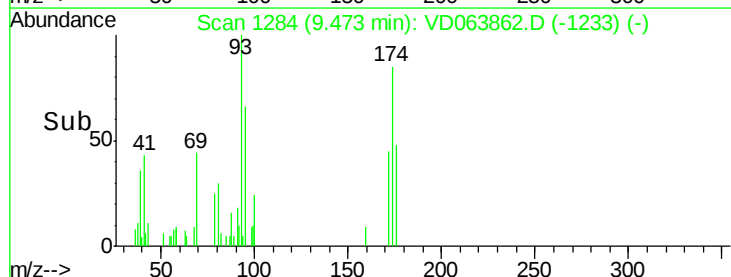
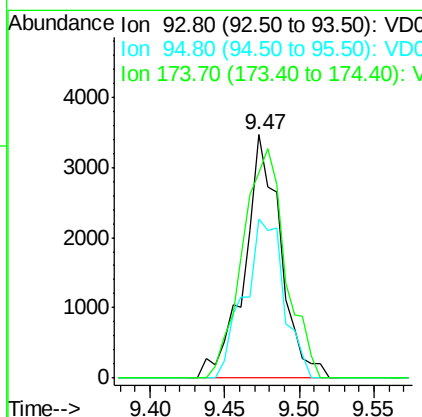
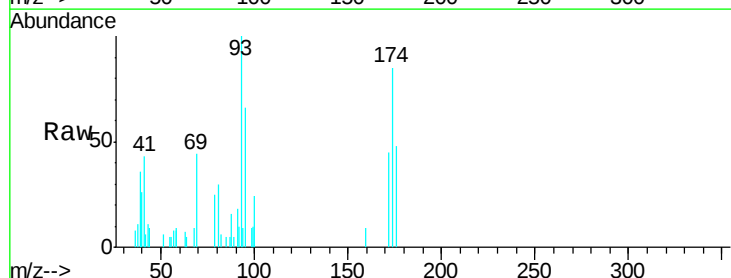
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

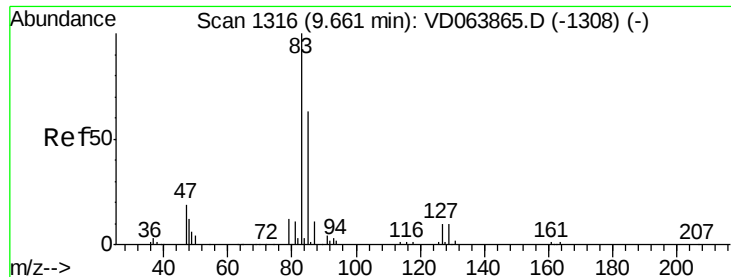
Tgt Ion: 63 Resp: 10478
 Ion Ratio Lower Upper
 63 100
 65 15.4 27.3 40.9#



#46
 Dibromomethane
 Concen: 5.077 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 93 Resp: 5824
 Ion Ratio Lower Upper
 93 100
 95 71.3 66.0 99.0
 174 111.3 83.4 125.0





#47

Bromodichloromethane

Concen: 5.311 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

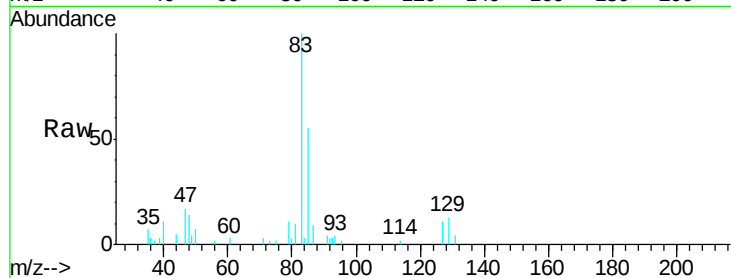
Tgt Ion: 83 Resp: 15649

Ion Ratio Lower Upper

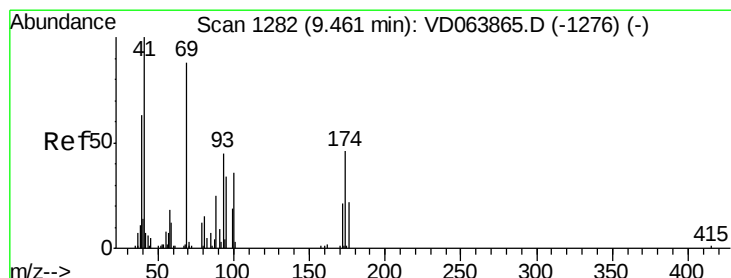
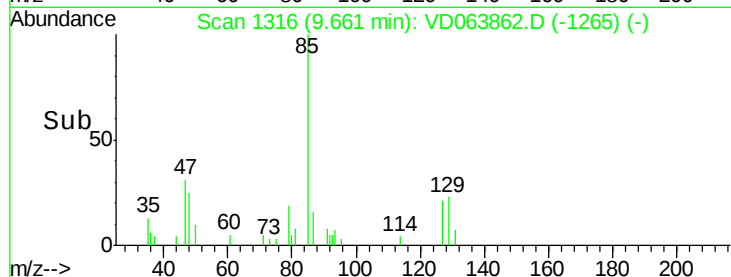
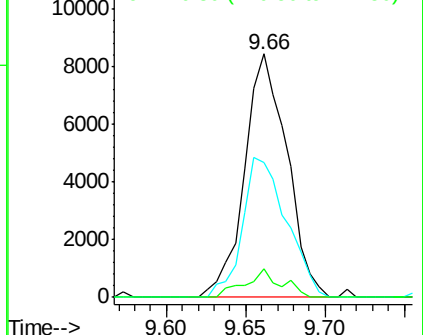
83 100

85 55.4 50.2 75.2

127 11.5 7.6 11.4#



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 5.531 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

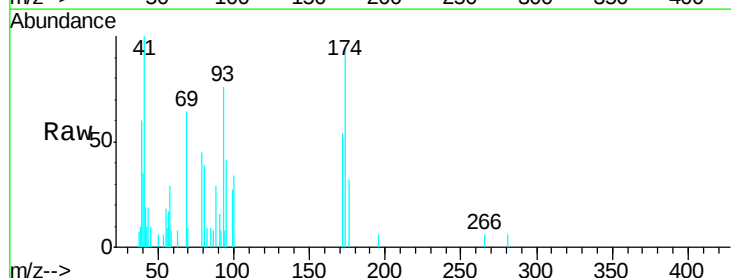
Tgt Ion: 41 Resp: 6281

Ion Ratio Lower Upper

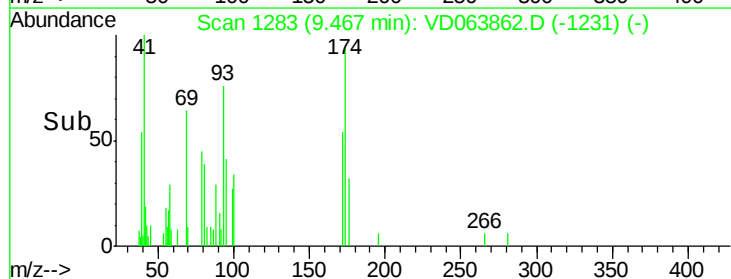
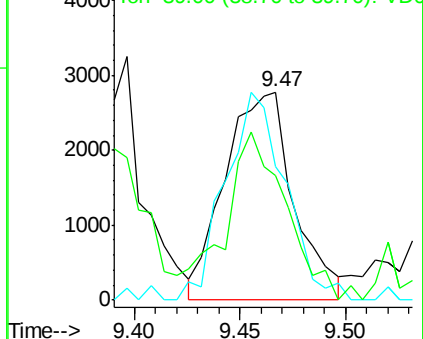
41 100

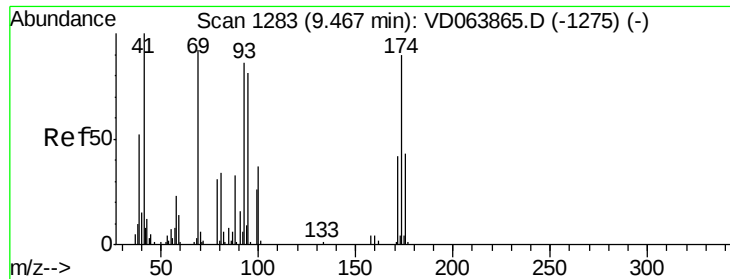
69 87.3 75.1 112.7

39 72.2 50.2 75.2



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

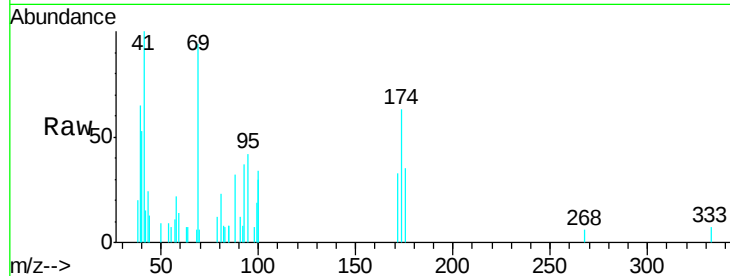




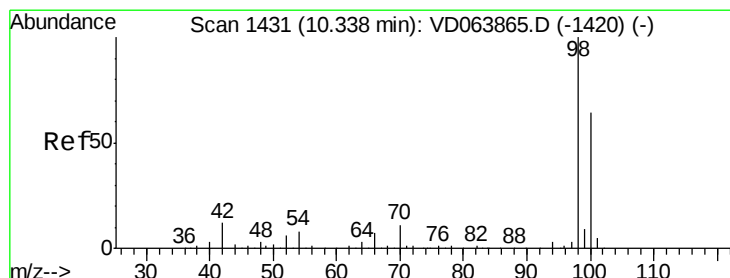
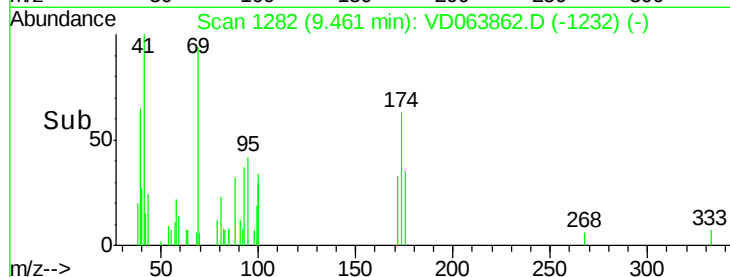
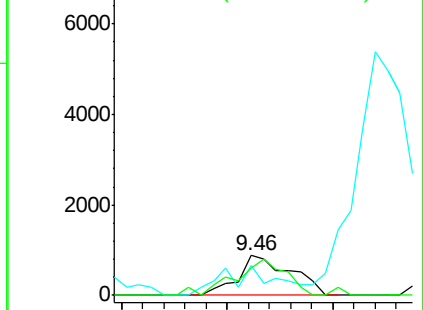
#49
1,4-Dioxane
Concen: 94.338 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 88 Resp: 1533
Ion Ratio Lower Upper
88 100
43 29.1 27.6 41.4
58 88.5 54.1 81.1#

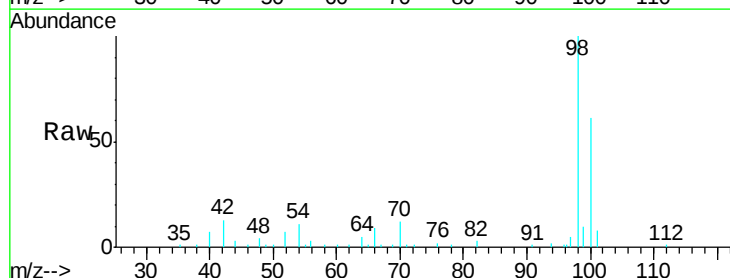


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

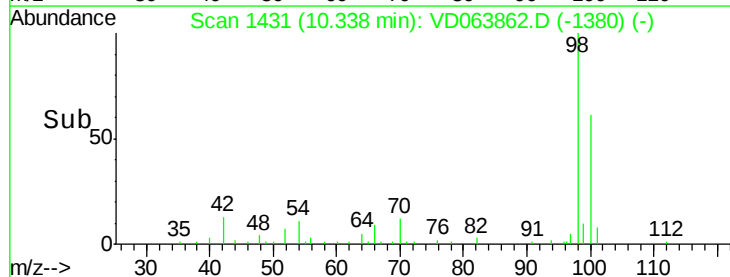
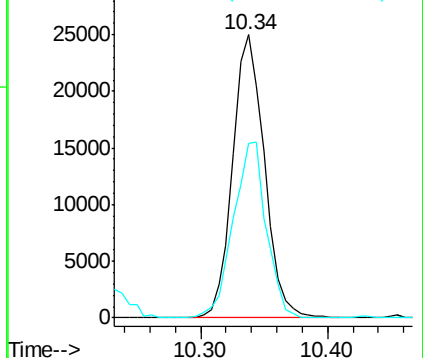


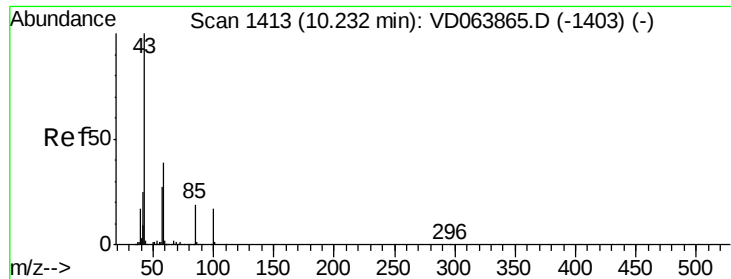
#50
Toluene-d8
Concen: 5.561 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 98 Resp: 43323
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

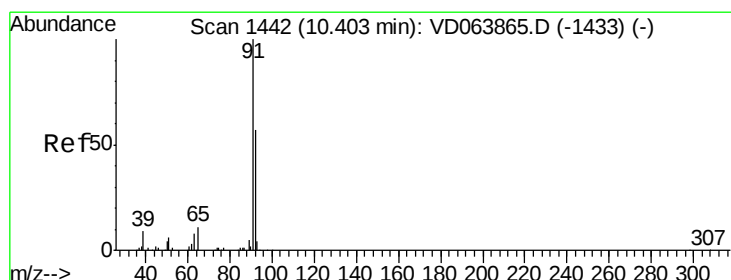
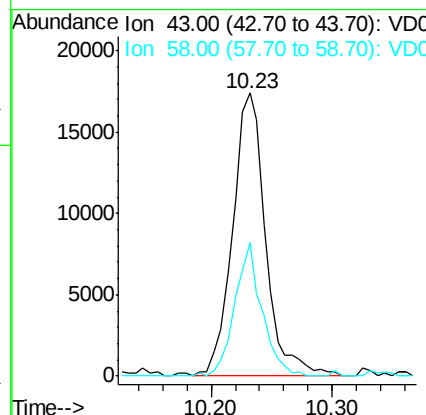
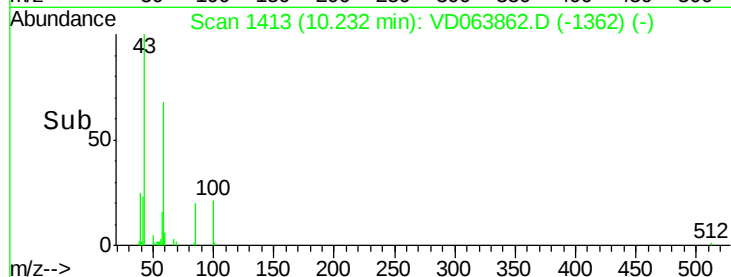
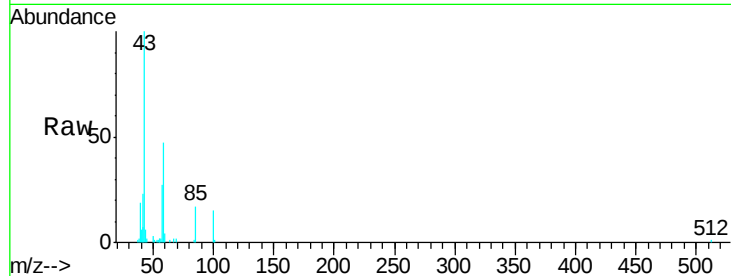




#51
 4-Methyl-2-Pentanone
 Concen: 26.201 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

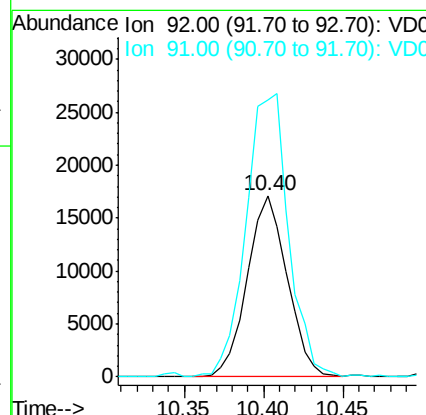
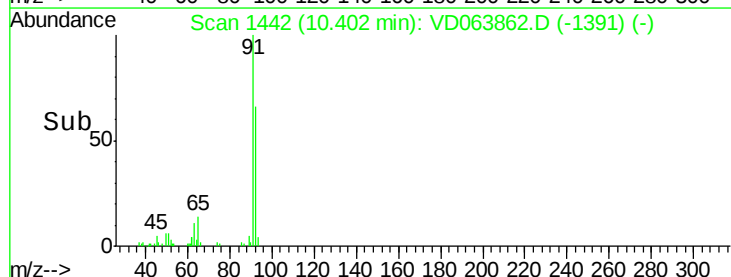
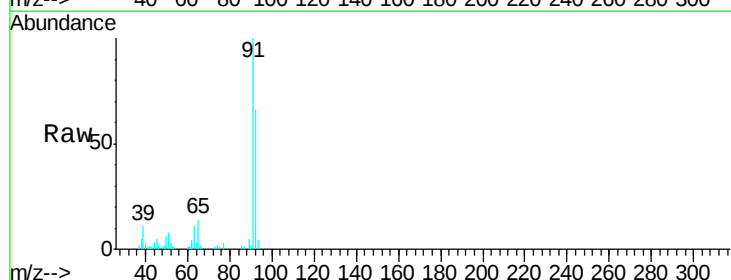
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

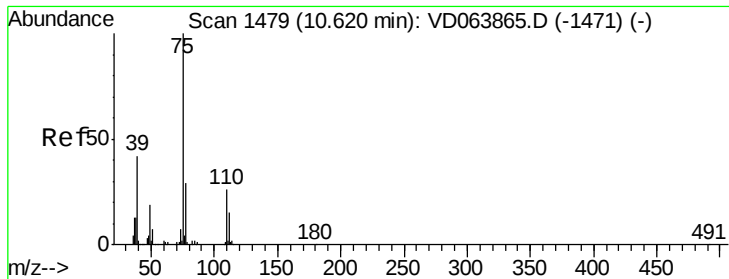
Tgt Ion: 43 Resp: 33104
 Ion Ratio Lower Upper
 43 100
 58 38.7 33.0 49.4



#52
 Toluene
 Concen: 5.396 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 92 Resp: 30075
 Ion Ratio Lower Upper
 92 100
 91 166.8 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 4.648 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

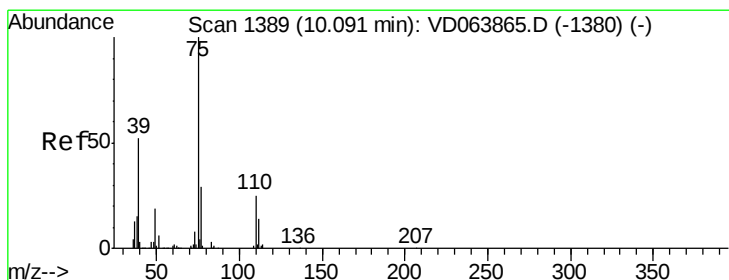
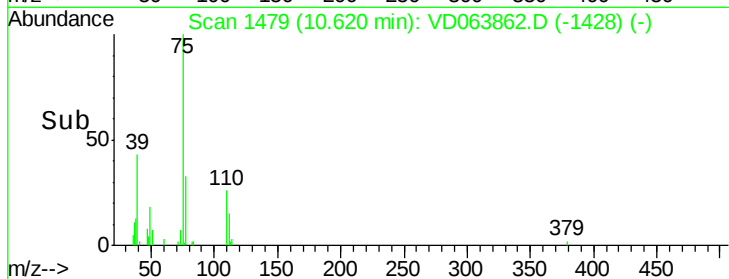
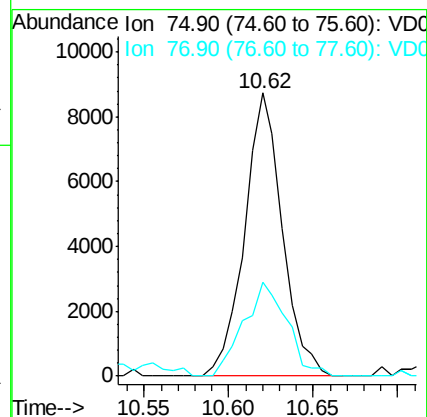
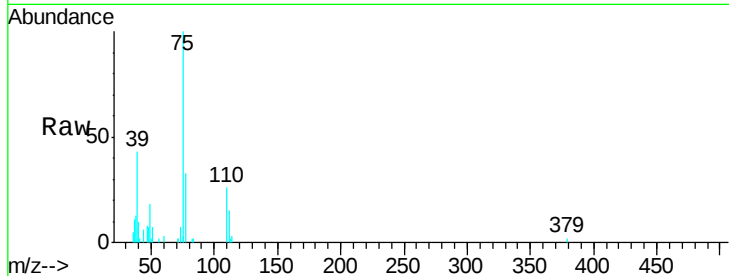
VSTDIC005

Tgt Ion: 75 Resp: 13585

Ion Ratio Lower Upper

75 100

77 33.1 22.8 34.2



#54

cis-1,3-Dichloropropene

Concen: 5.085 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

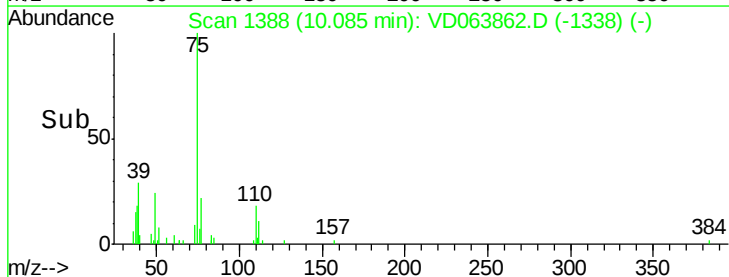
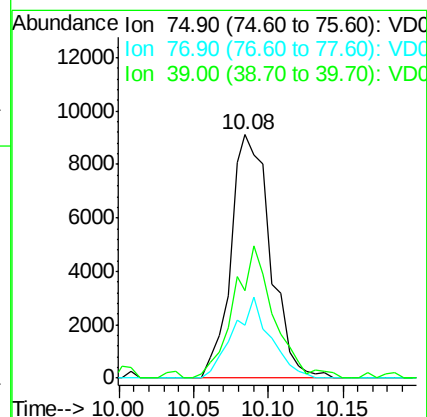
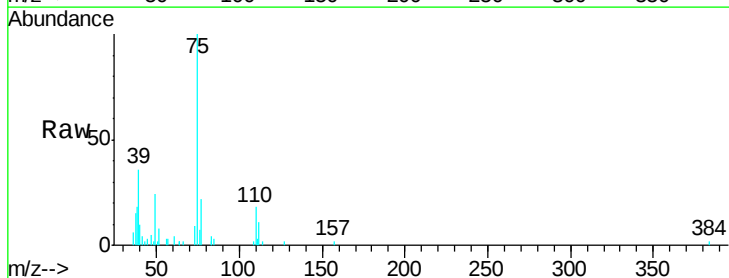
Tgt Ion: 75 Resp: 16831

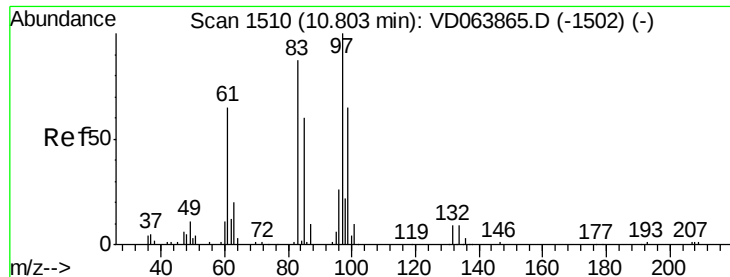
Ion Ratio Lower Upper

75 100

77 21.7 23.2 34.8#

39 36.0 41.5 62.3#





#55

1,1,2-Trichloroethane

Concen: 5.055 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 8165

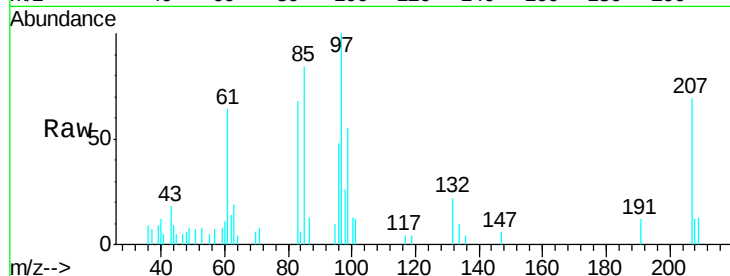
Ion Ratio Lower Upper

97 100

83 68.1 69.7 104.5#

85 83.8 48.1 72.1#

99 54.5 51.9 77.9

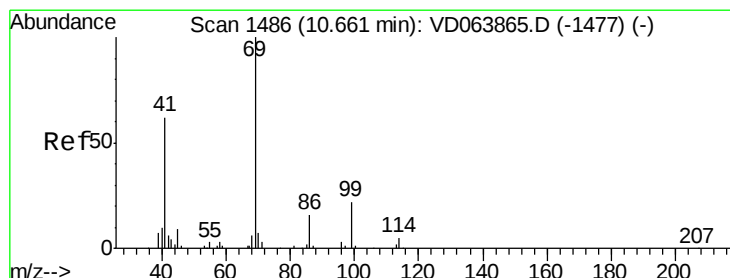
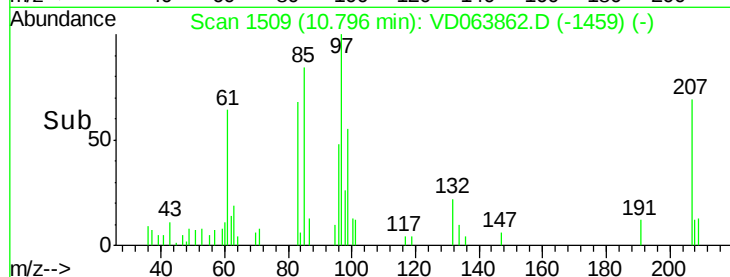
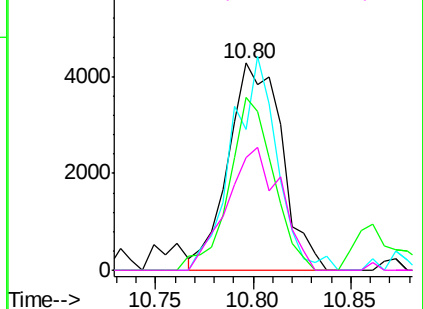


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 4.943 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

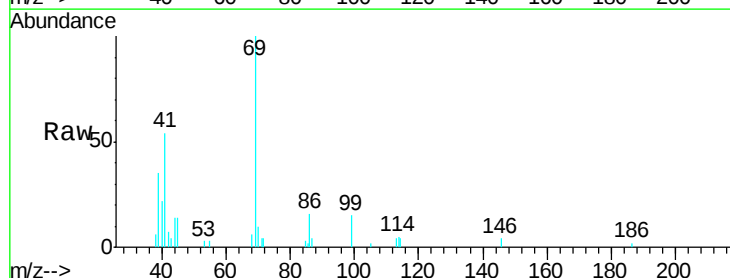
Tgt Ion: 69 Resp: 10180

Ion Ratio Lower Upper

69 100

41 71.8 51.3 76.9

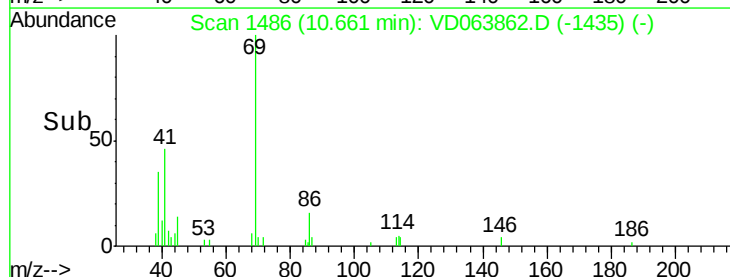
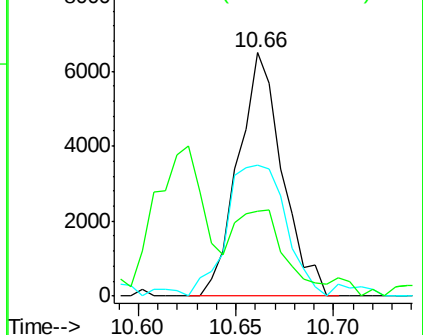
39 31.8 28.0 42.0

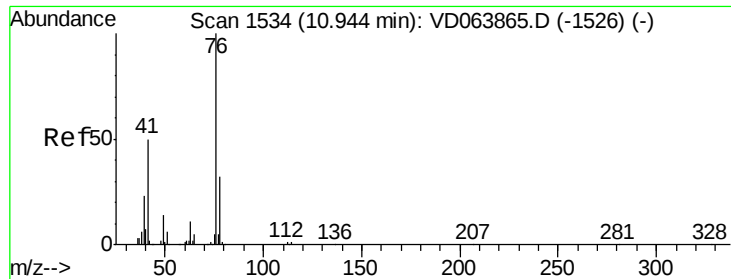


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

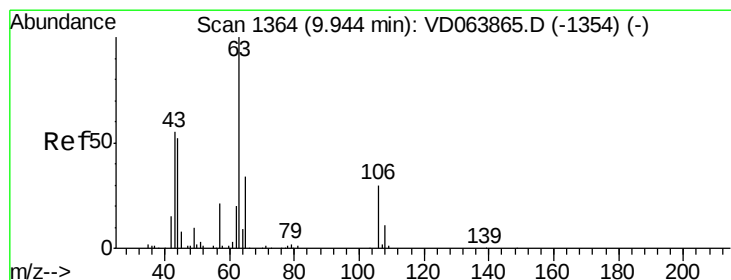
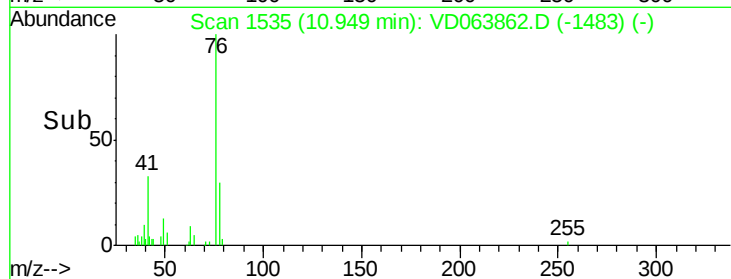
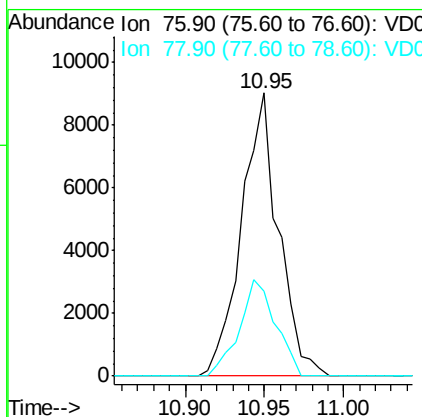
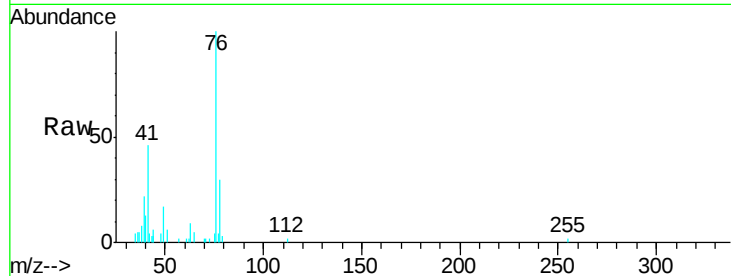




#57
 1,3-Dichloropropane
 Concen: 5.294 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

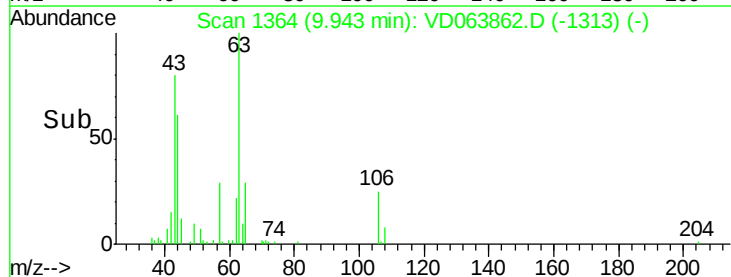
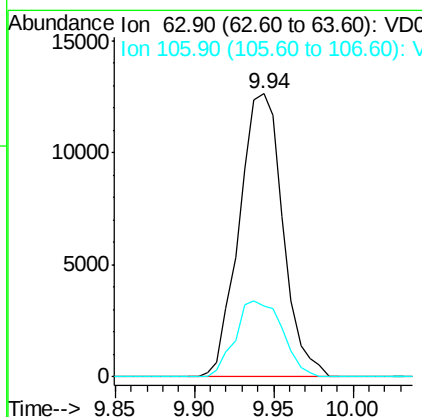
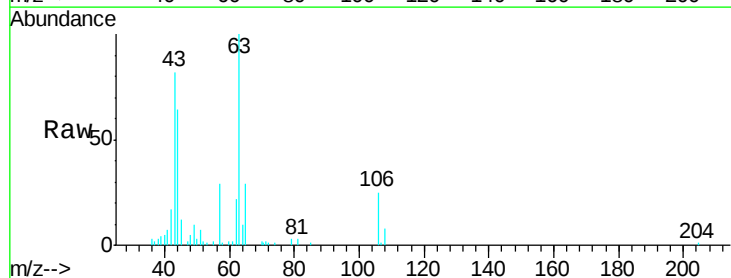
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

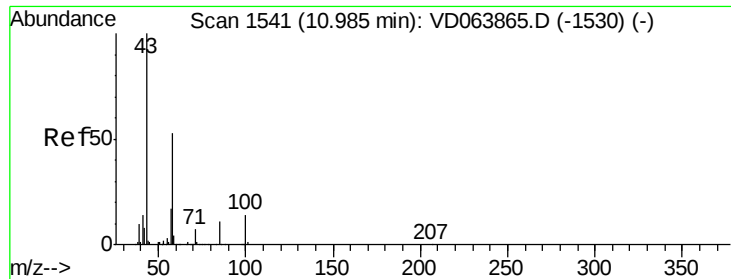
Tgt Ion: 76 Resp: 14627
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 26.235 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 63 Resp: 24138
 Ion Ratio Lower Upper
 63 100
 106 29.0 24.3 36.5

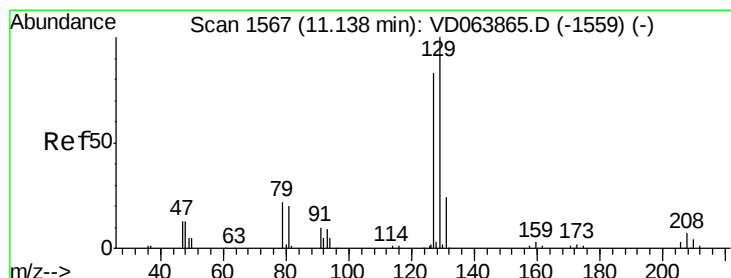
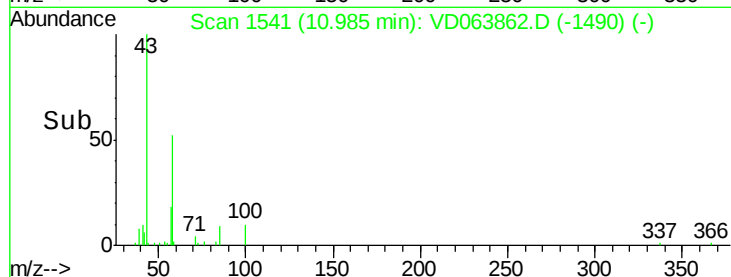
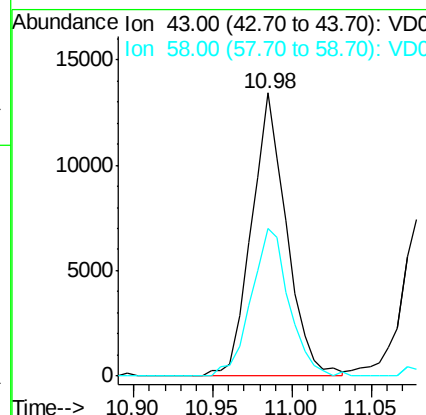
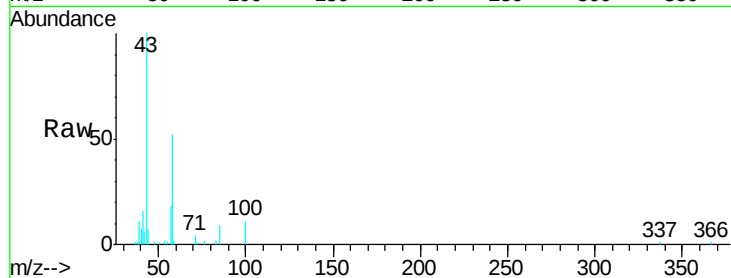




#59
2-Hexanone
Concen: 22.491 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

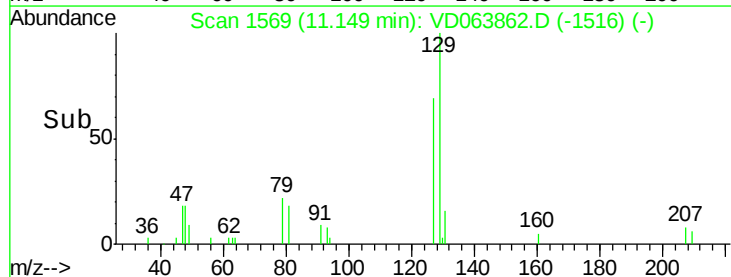
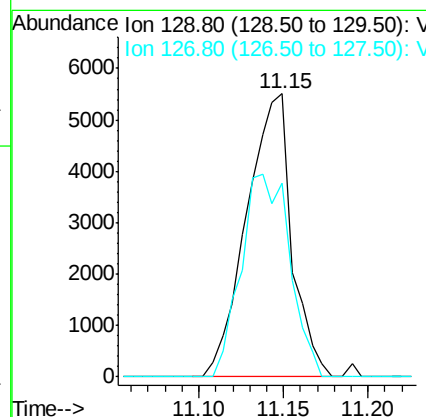
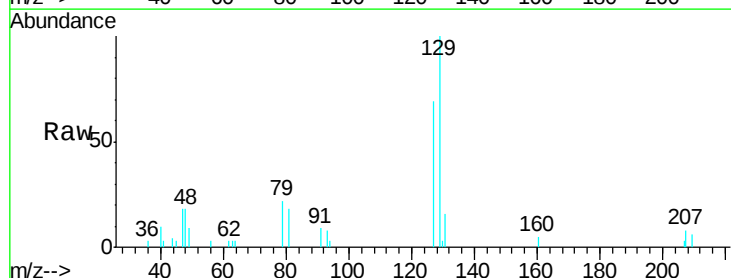
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

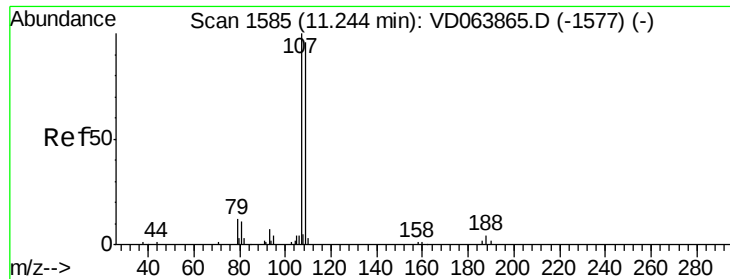
Tgt Ion: 43 Resp: 20608
Ion Ratio Lower Upper
43 100
58 56.5 27.7 83.0



#60
Dibromochloromethane
Concen: 4.794 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 129 Resp: 10229
Ion Ratio Lower Upper
129 100
127 77.4 39.9 119.6





#61

1,2-Dibromoethane

Concen: 4.520 ug/l

RT: 11.25 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

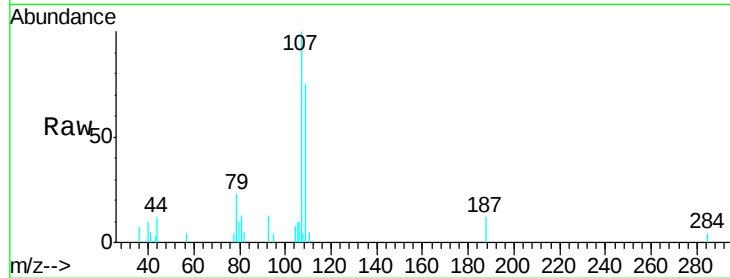
VSTDIC005

Tgt Ion: 107 Resp: 7325

Ion Ratio Lower Upper

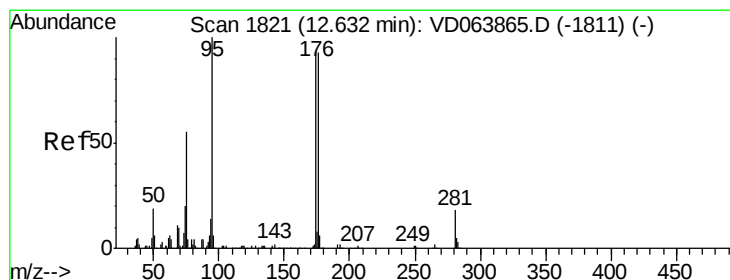
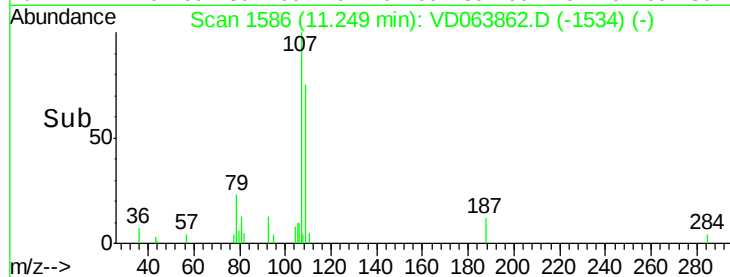
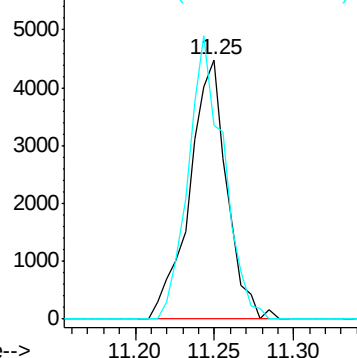
107 100

109 103.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.323 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

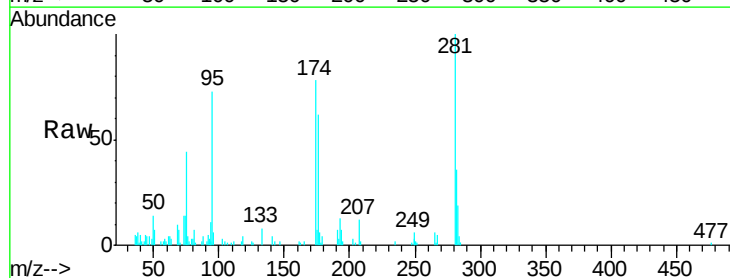
Tgt Ion: 95 Resp: 14944

Ion Ratio Lower Upper

95 100

174 99.6 0.0 186.4

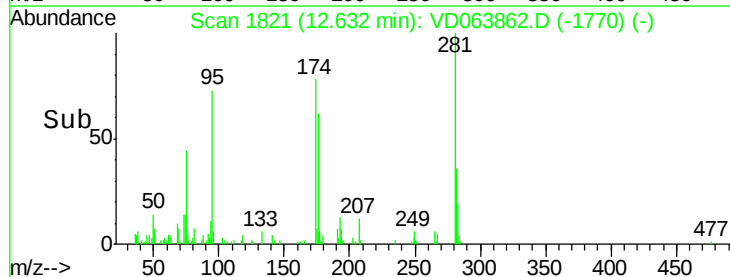
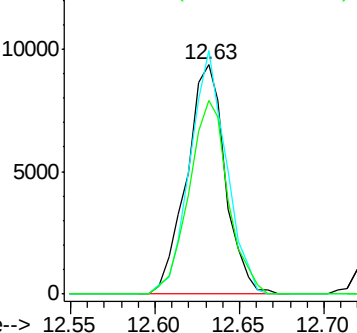
176 85.2 0.0 184.2

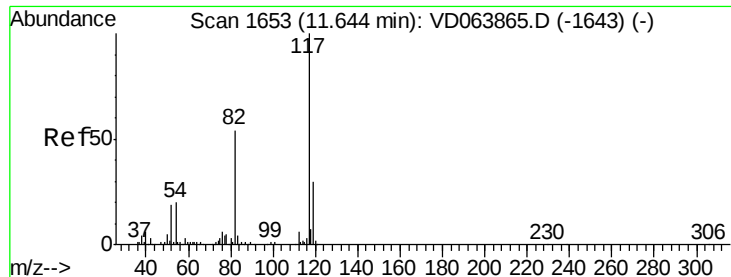


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

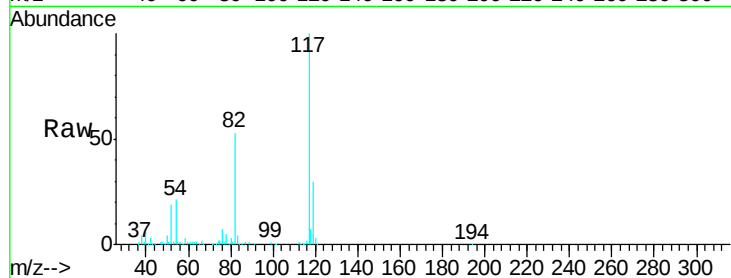




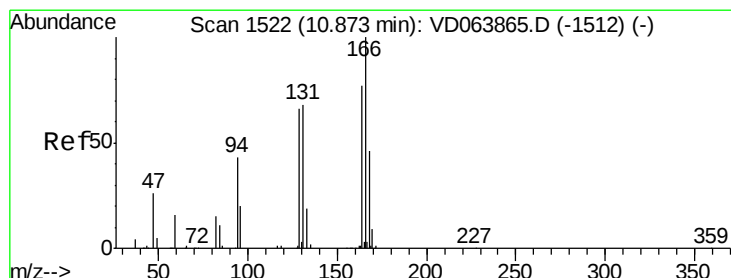
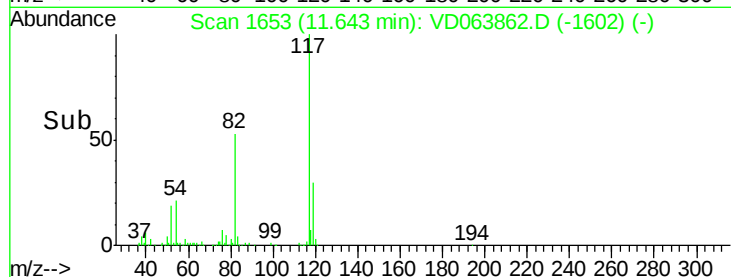
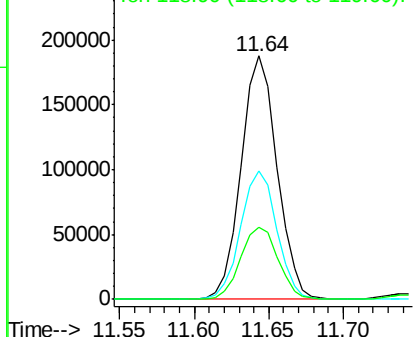
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 313544
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 29.8 24.4 36.6

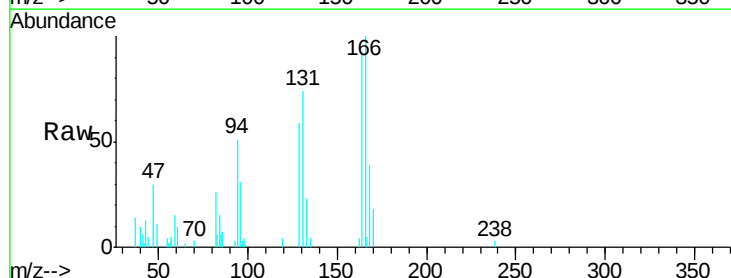


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

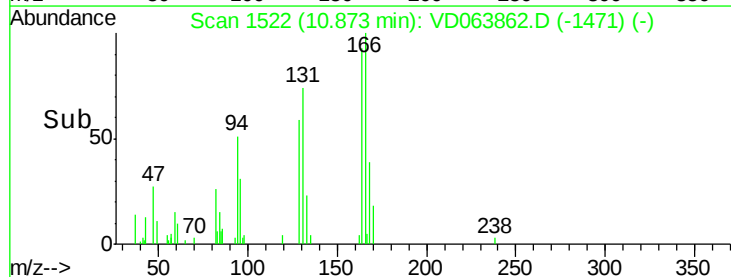
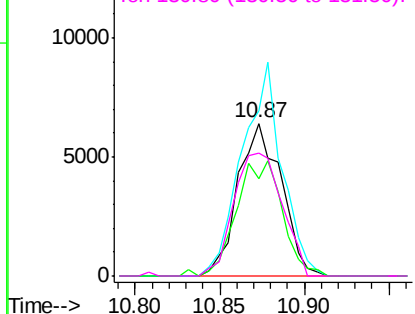


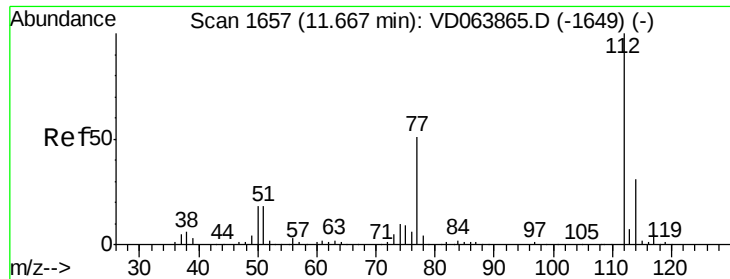
#64
Tetrachloroethene
Concen: 5.472 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion:164 Resp: 11450
Ion Ratio Lower Upper
164 100
166 107.9 103.8 155.6
129 63.7 68.9 103.3#
131 80.2 70.9 106.3



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 5.025 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

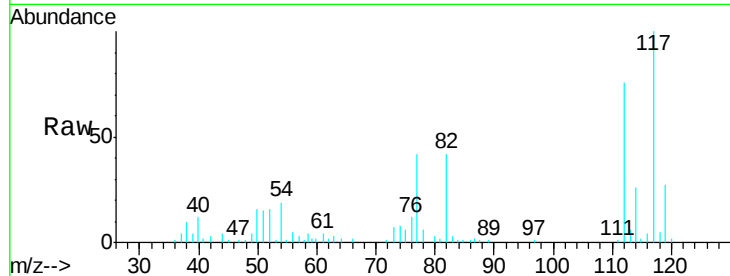
VSTDIC005

Tgt Ion:112 Resp: 31526

Ion Ratio Lower Upper

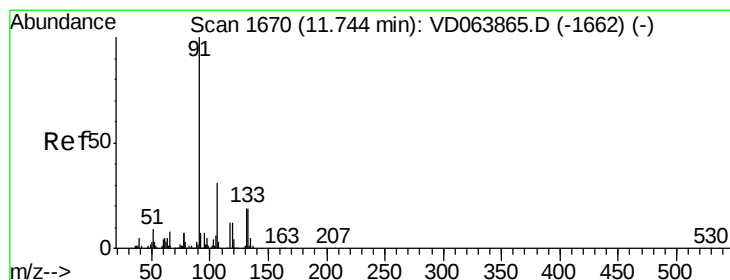
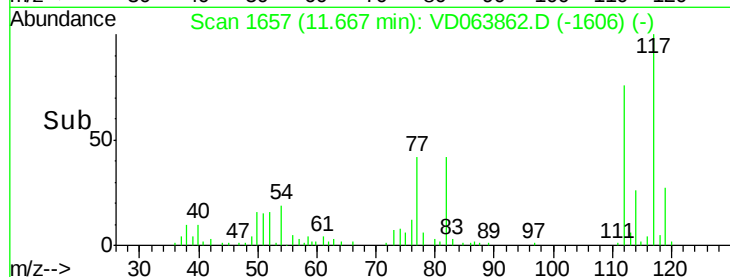
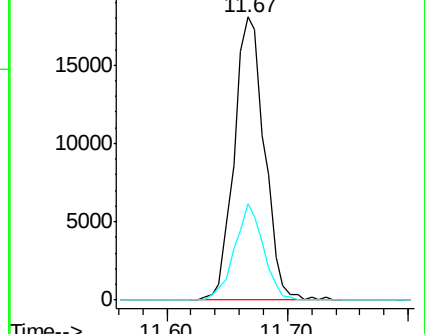
112 100

114 34.1 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 4.976 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

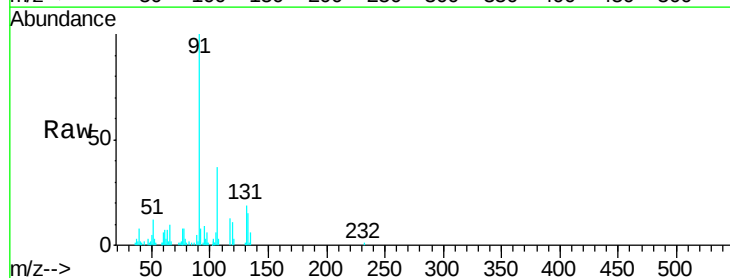
Tgt Ion:131 Resp: 11453

Ion Ratio Lower Upper

131 100

133 101.6 48.9 146.7

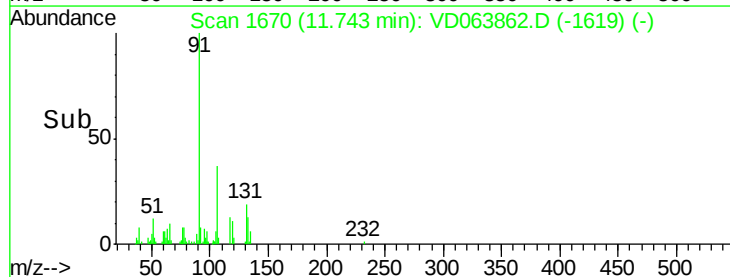
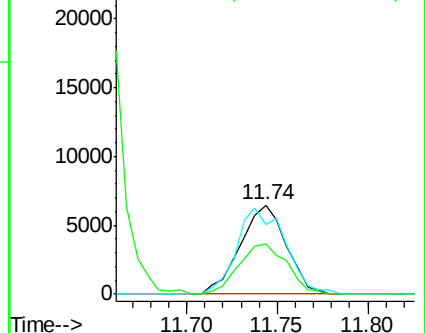
119 58.8 32.6 97.8

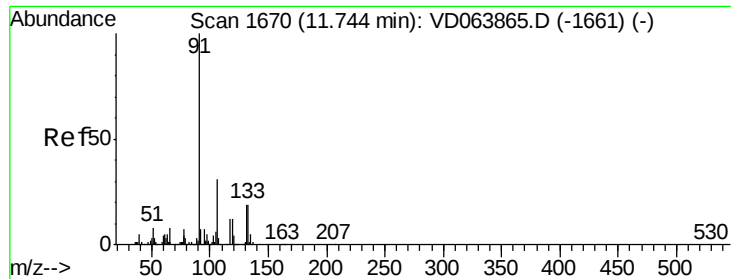


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.049 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

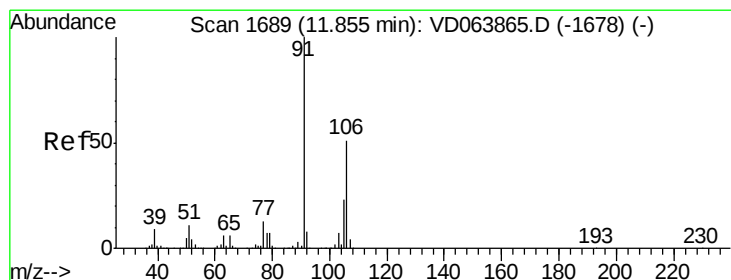
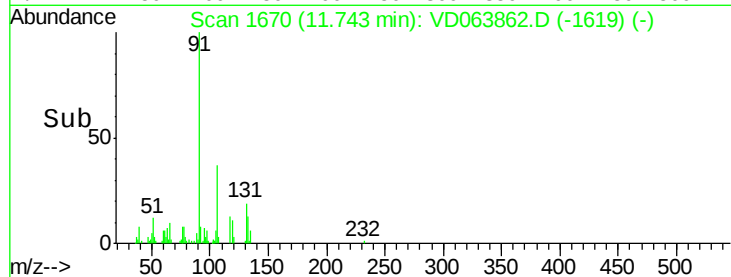
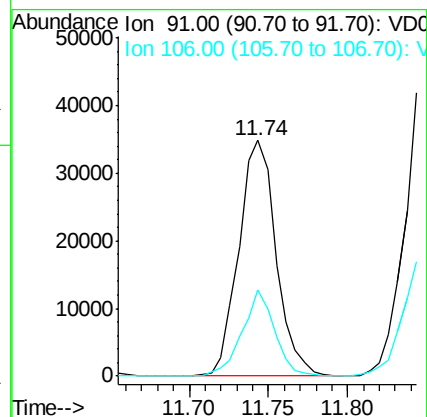
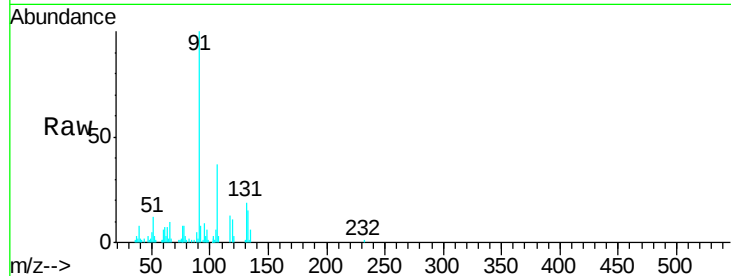
VSTDIC005

Tgt Ion: 91 Resp: 56931

Ion Ratio Lower Upper

91 100

106 36.6 24.6 37.0



#68

m/p-Xylenes

Concen: 10.221 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD063862.D

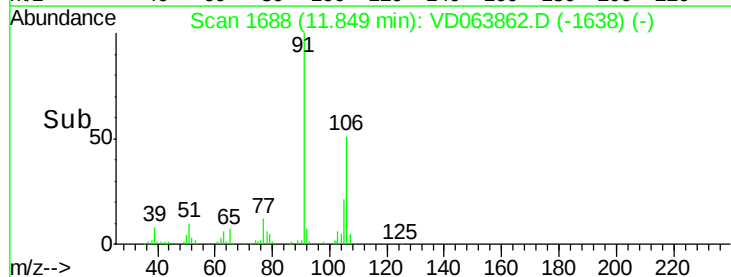
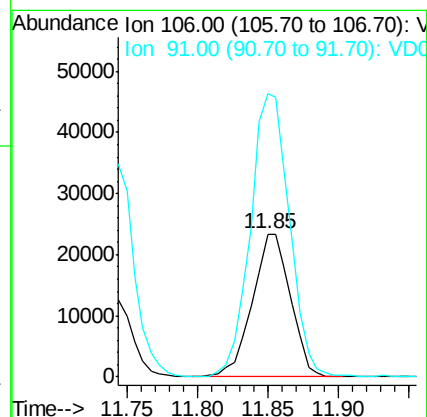
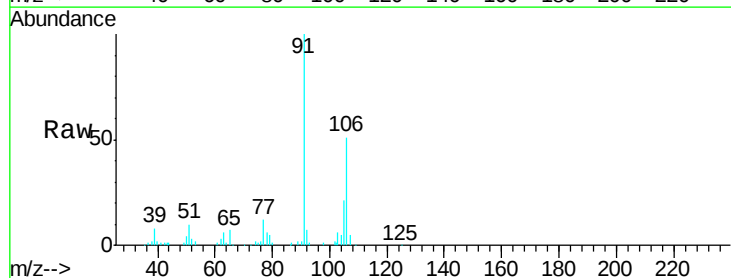
Acq: 02 Oct 2019 15:54

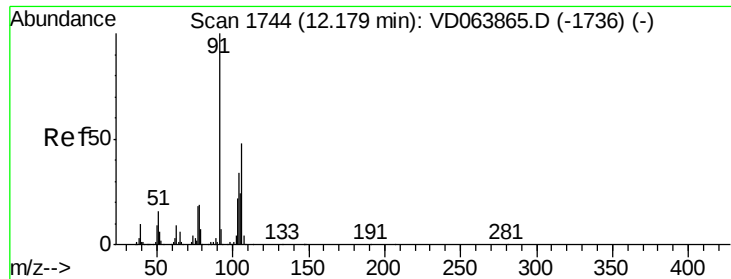
Tgt Ion: 106 Resp: 44476

Ion Ratio Lower Upper

106 100

91 202.4 154.8 232.2

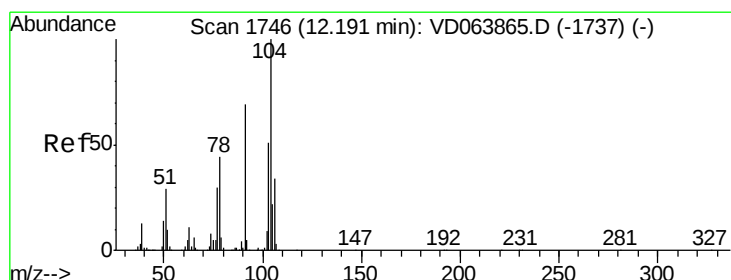
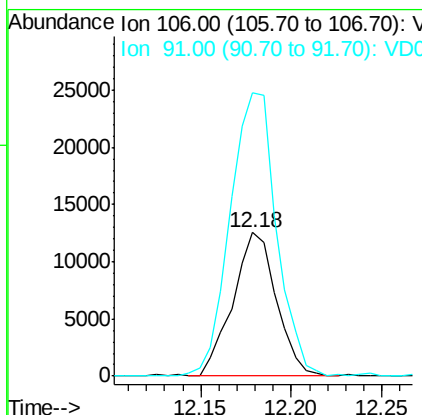
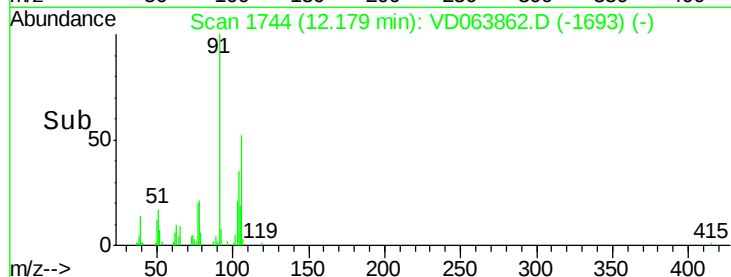
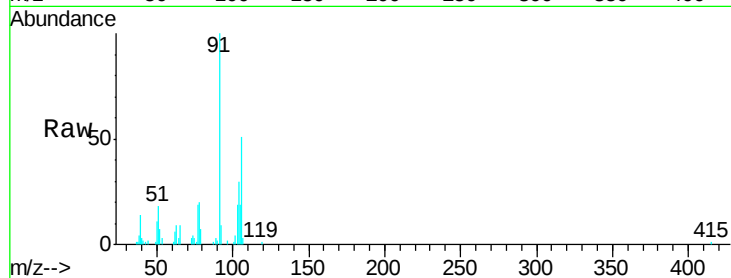




#69
o-Xylene
Concen: 5.105 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

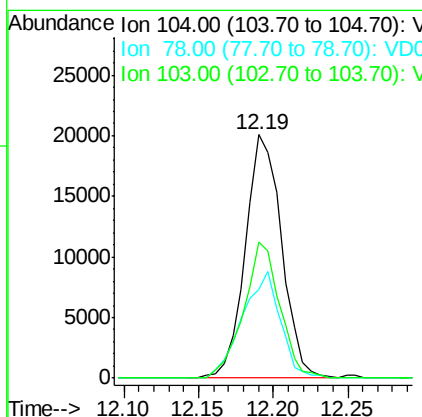
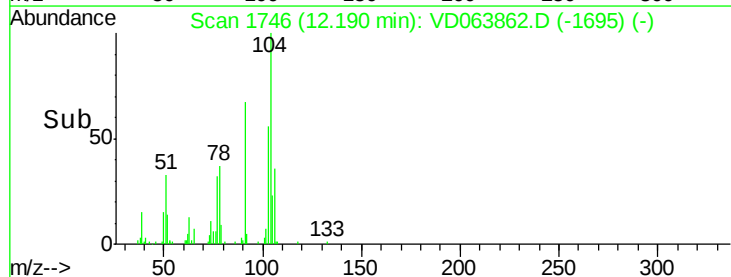
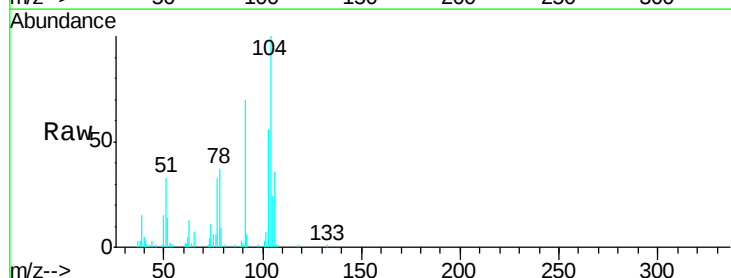
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

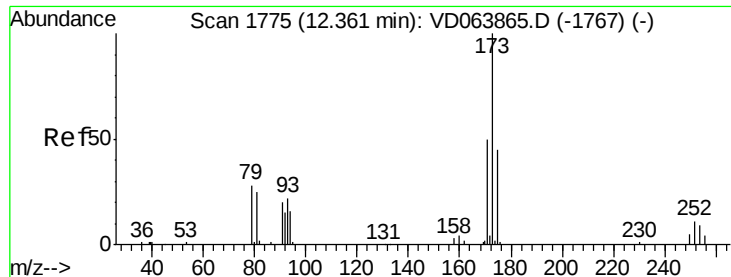
Tgt Ion:106 Resp: 20907
Ion Ratio Lower Upper
106 100
91 210.6 103.9 311.7



#70
Styrene
Concen: 4.849 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion:104 Resp: 33730
Ion Ratio Lower Upper
104 100
78 46.0 37.0 55.4
103 55.6 44.2 66.4

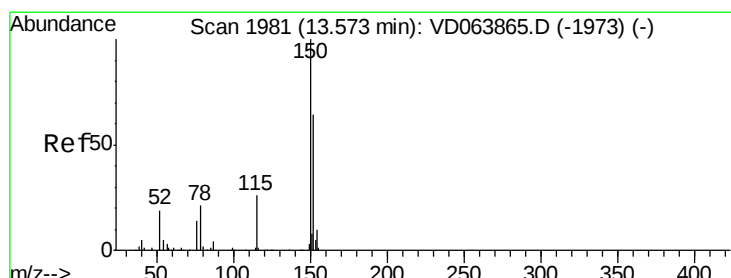
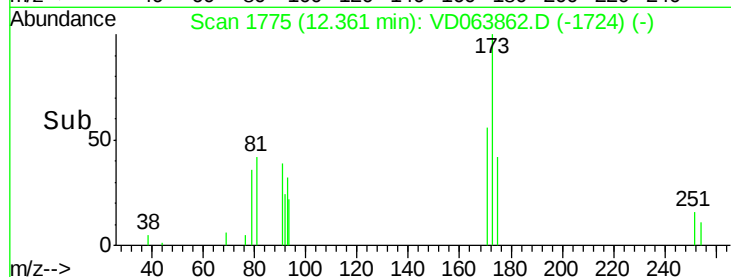
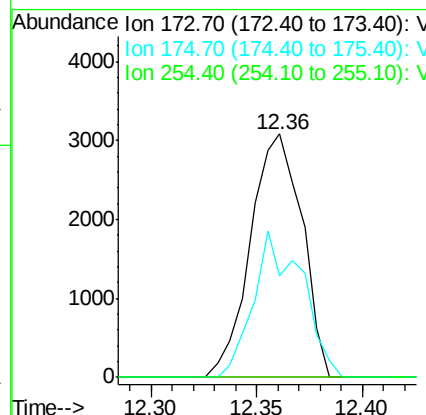
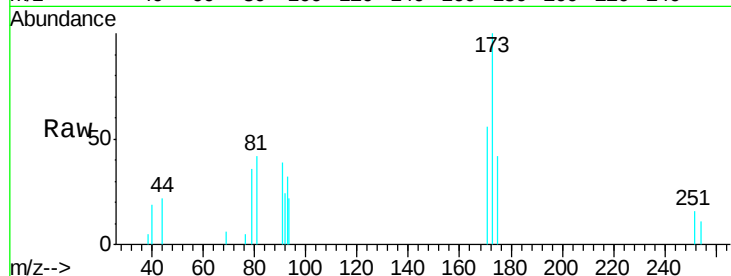




#71
Bromoform
Concen: 4.110 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

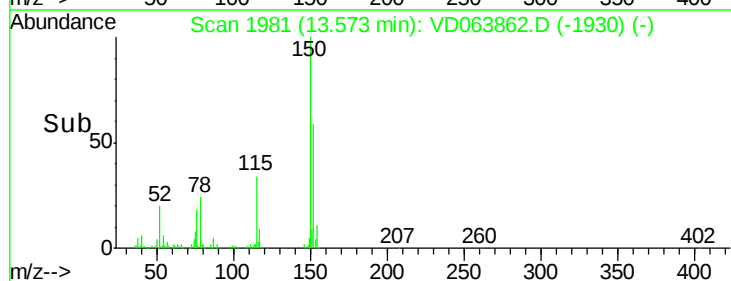
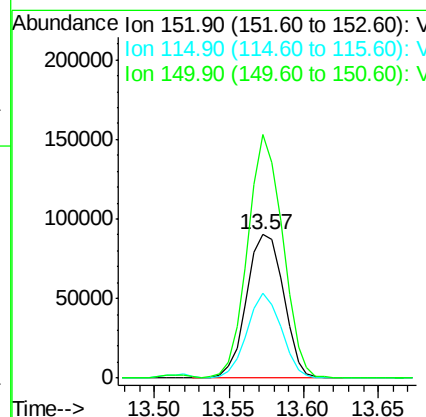
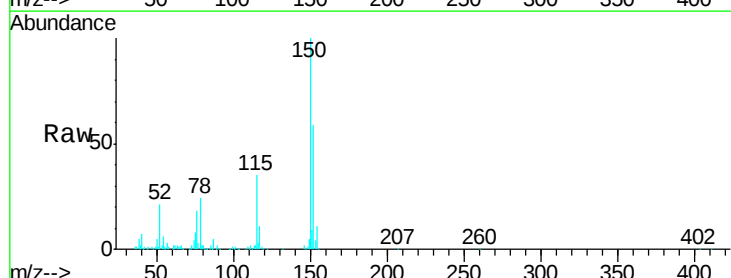
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

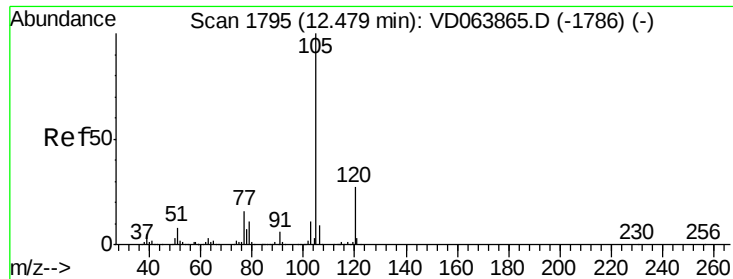
Tgt Ion:173 Resp: 5232
Ion Ratio Lower Upper
173 100
175 56.7 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1981
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion:152 Resp: 155243
Ion Ratio Lower Upper
152 100
115 54.9 25.9 77.7
150 160.4 0.0 344.2





#73

Isopropylbenzene

Concen: 5.159 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

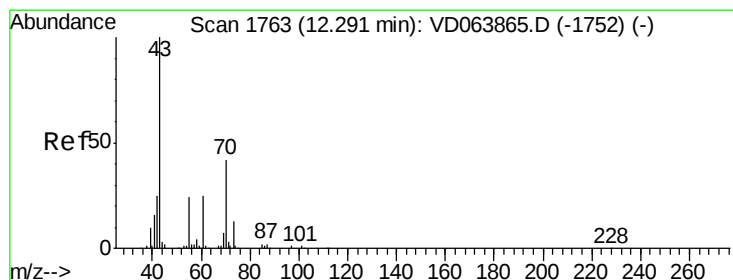
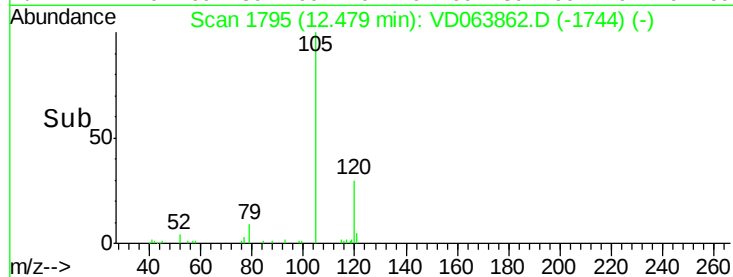
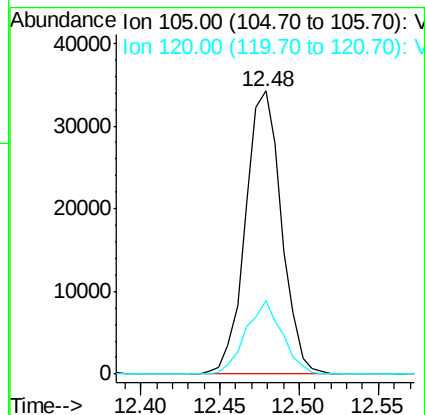
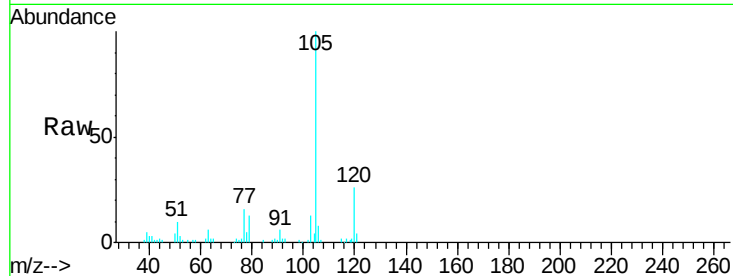
VSTDIC005

Tgt Ion: 105 Resp: 54173

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.8



#74

N-ethyl acetate

Concen: 4.661 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Tgt Ion: 43 Resp: 10748

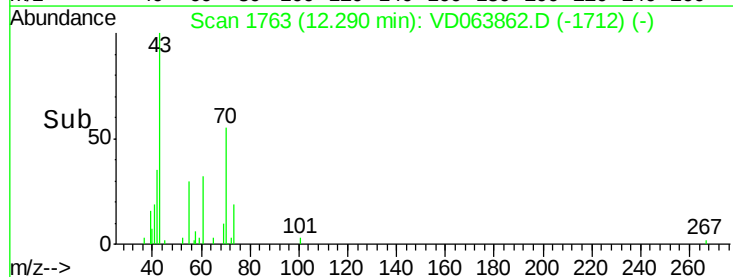
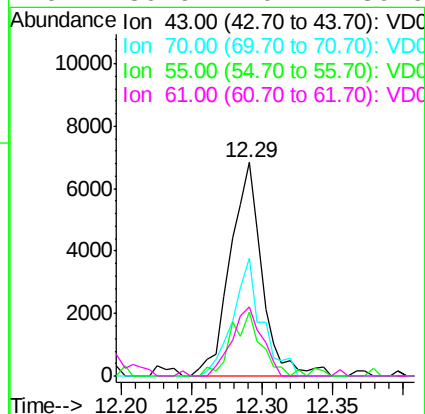
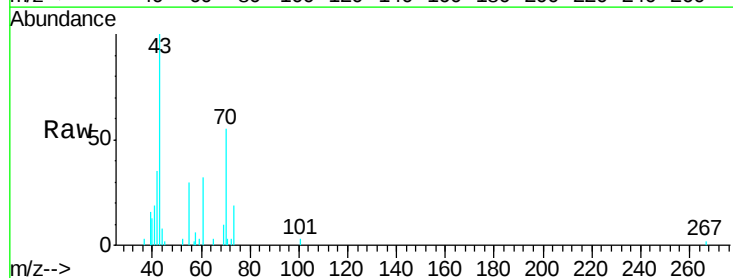
Ion Ratio Lower Upper

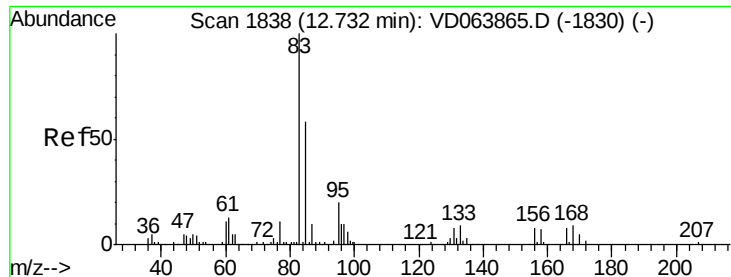
43 100

70 49.9 35.8 53.6

55 27.9 19.4 29.0

61 30.6 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 5.661 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

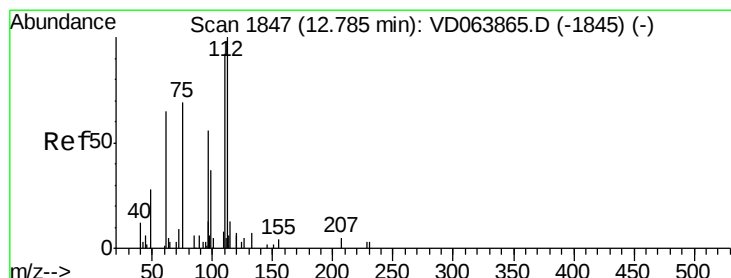
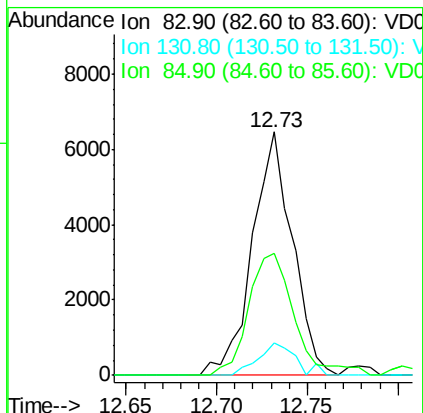
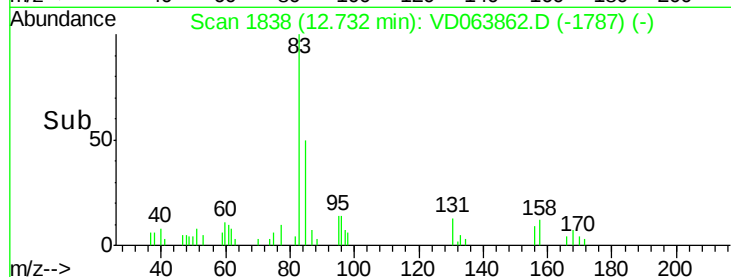
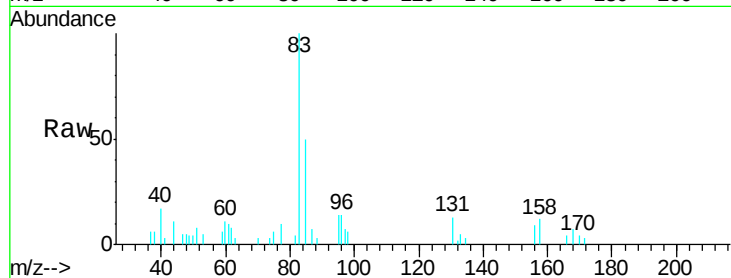
Tgt Ion: 83 Resp: 9949

Ion Ratio Lower Upper

83 100

131 12.3 5.6 16.8

85 57.0 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 11.024 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD063862.D

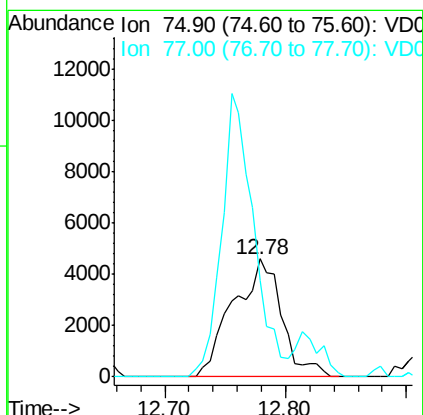
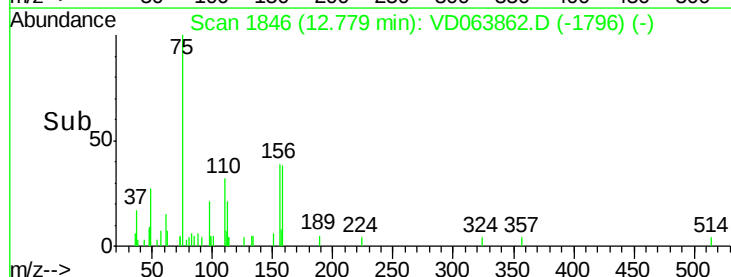
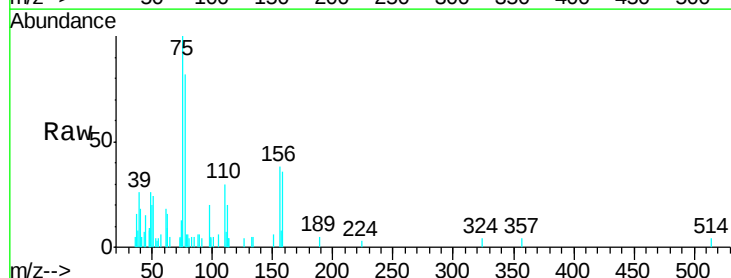
Acq: 02 Oct 2019 15:54

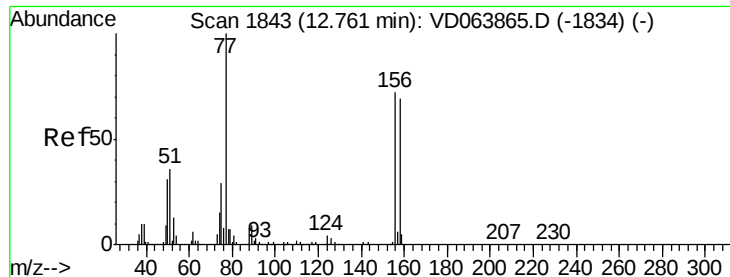
Tgt Ion: 75 Resp: 12906

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.087 ug/l

RT: 12.76 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

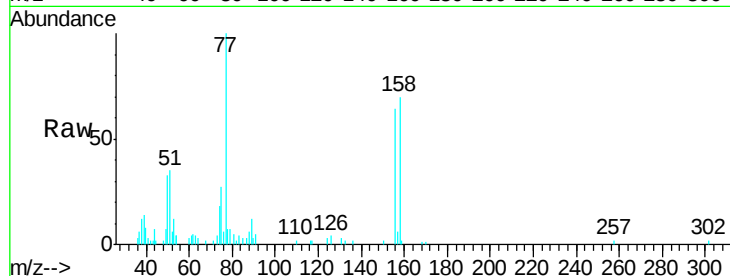
Tgt Ion:156 Resp: 12907

Ion Ratio Lower Upper

156 100

77 157.9 80.3 241.0

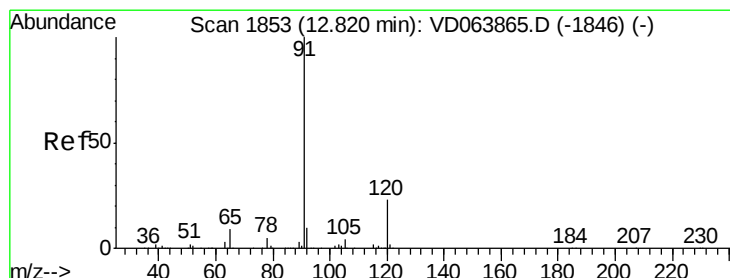
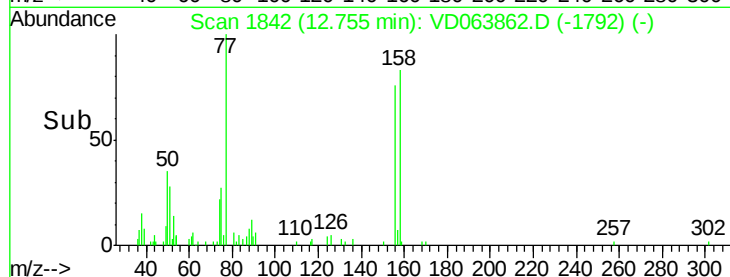
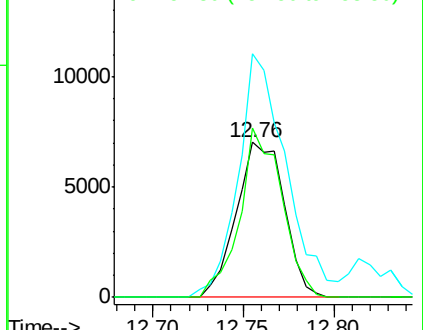
158 96.0 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.192 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063862.D

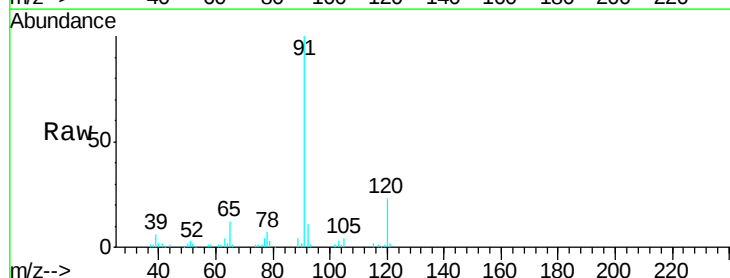
Acq: 02 Oct 2019 15:54

Tgt Ion: 91 Resp: 64200

Ion Ratio Lower Upper

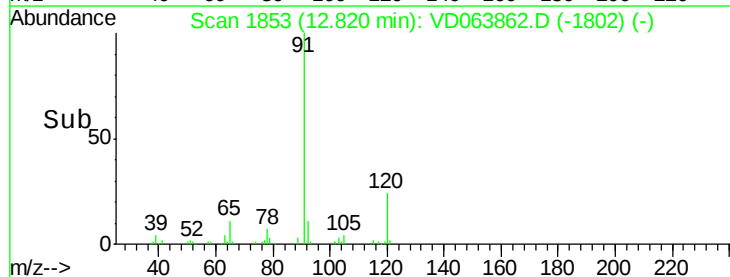
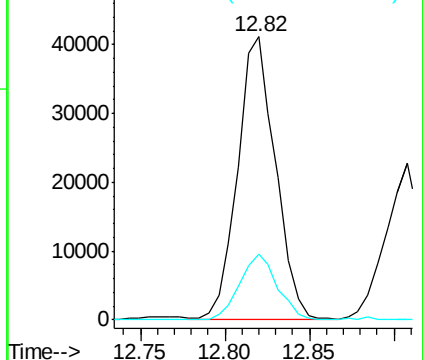
91 100

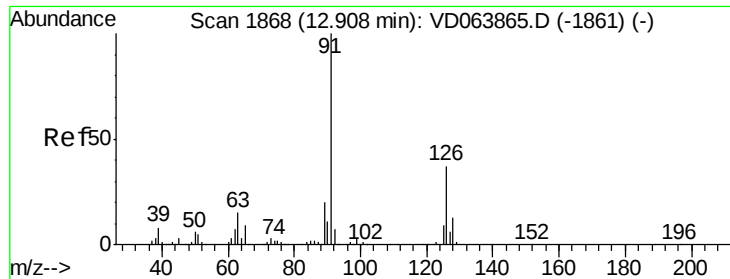
120 23.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

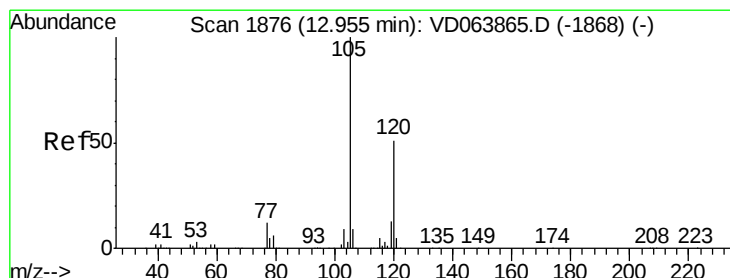
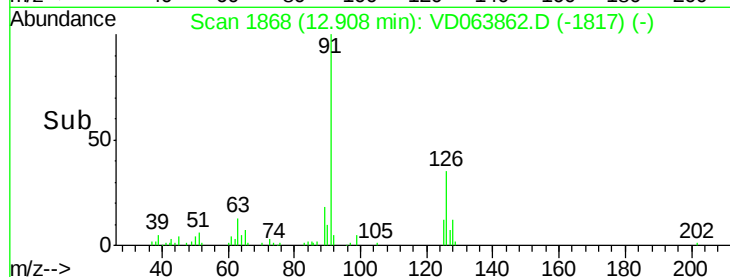
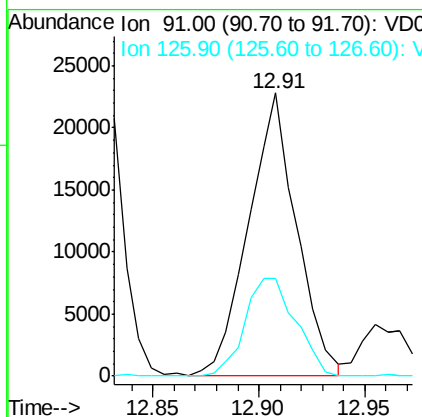
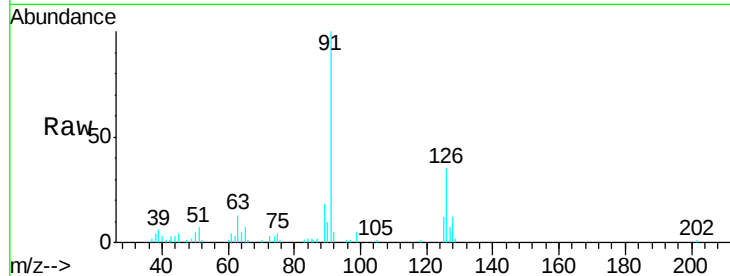




#79
 2-Chlorotoluene
 Concen: 5.419 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

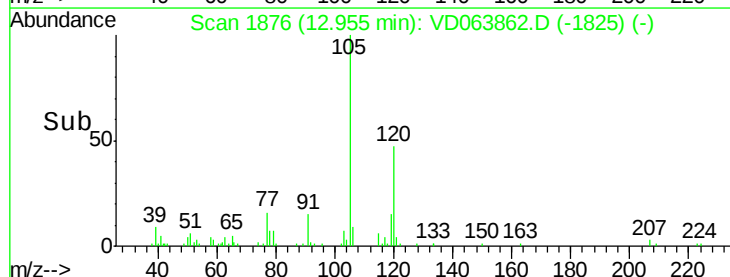
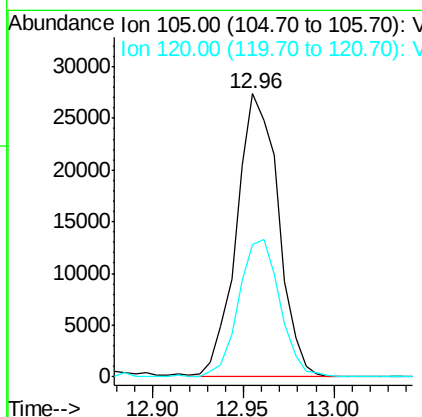
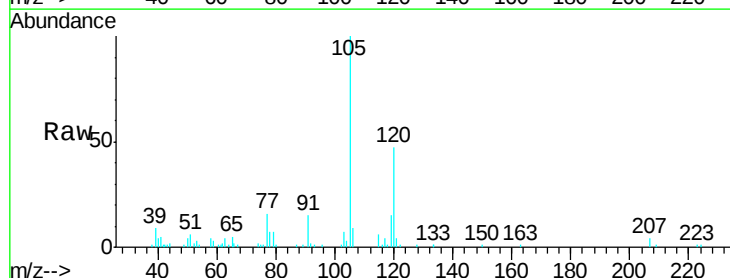
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

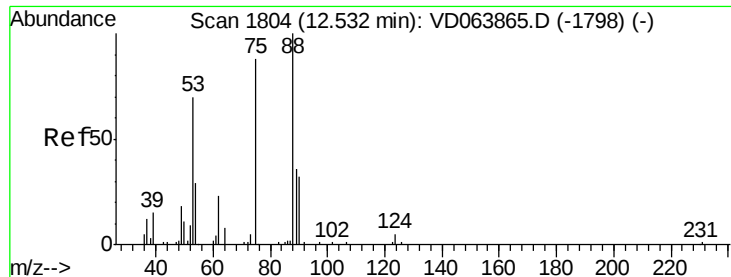
Tgt Ion: 91 Resp: 36101
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.4 55.2



#80
 1,3,5-Trimethylbenzene
 Concen: 5.019 ug/l
 RT: 12.96 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 105 Resp: 43906
 Ion Ratio Lower Upper
 105 100
 120 48.1 25.9 77.8





#81

trans-1,4-Dichloro-2-butene

Concen: 5.969 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD063862.D

Acq: 02 Oct 2019 15:54

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

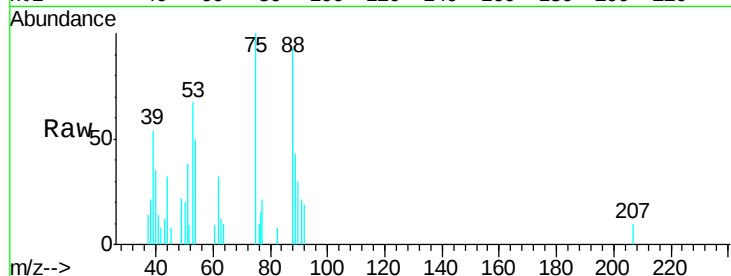
Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

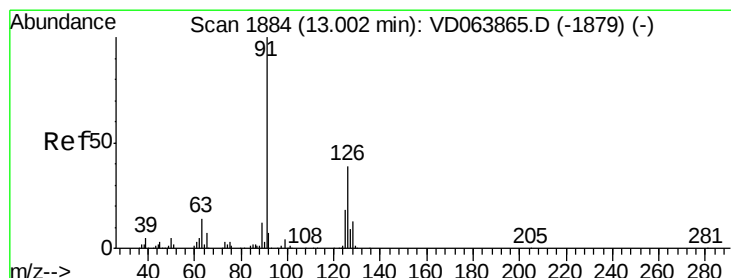
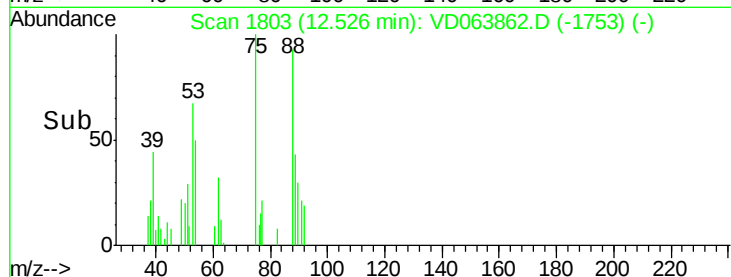
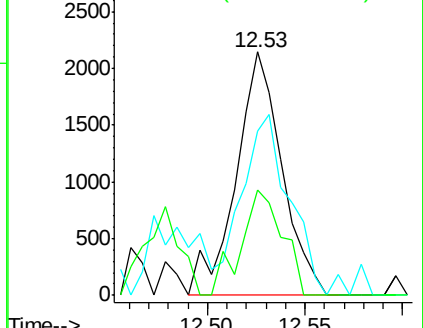
75 100

53 76.8 75.0 112.6

89 39.2 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 5.369 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VD063862.D

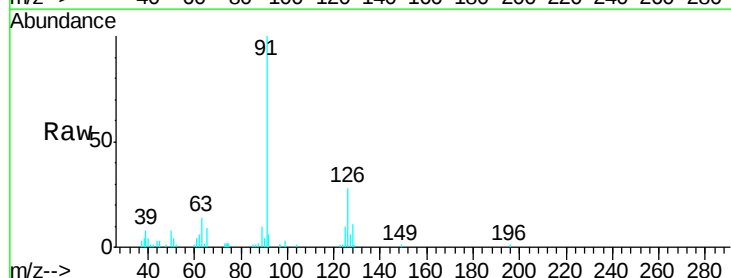
Acq: 02 Oct 2019 15:54

Tgt Ion: 91 Resp: 38293

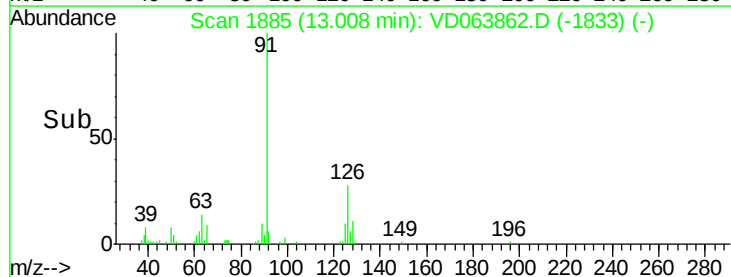
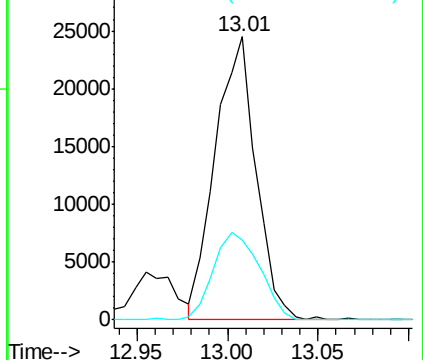
Ion Ratio Lower Upper

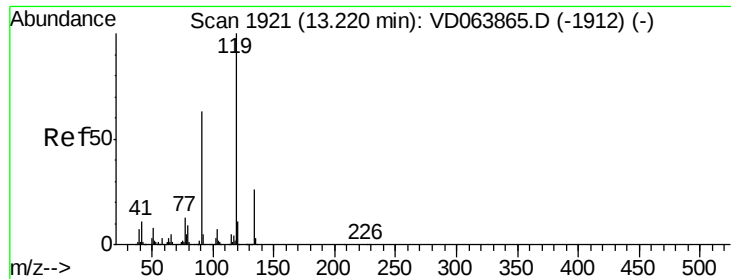
91 100

126 35.1 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 125.90 (125.60 to 126.60): V

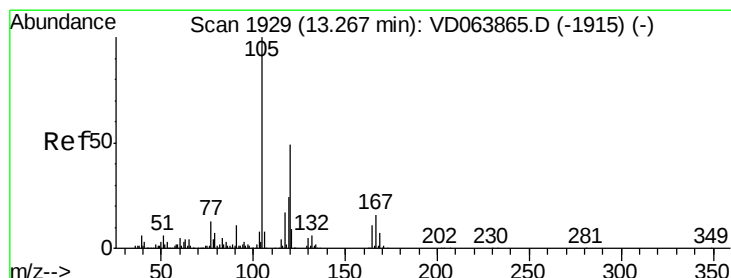
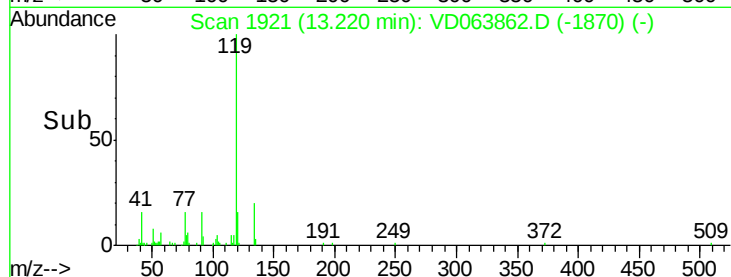
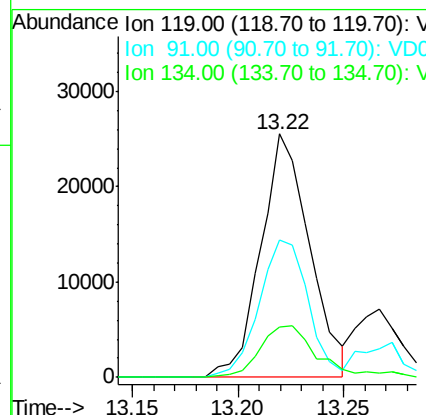
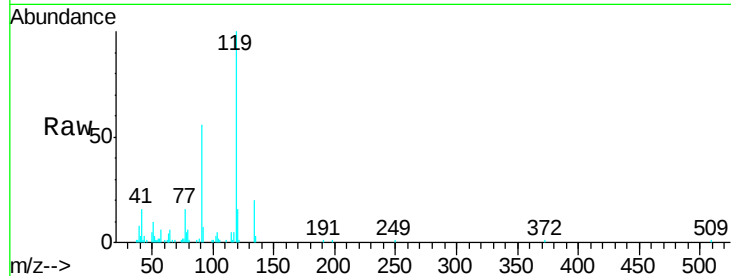




#83
 tert-Butylbenzene
 Concen: 5.360 ug/l
 RT: 13.22 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

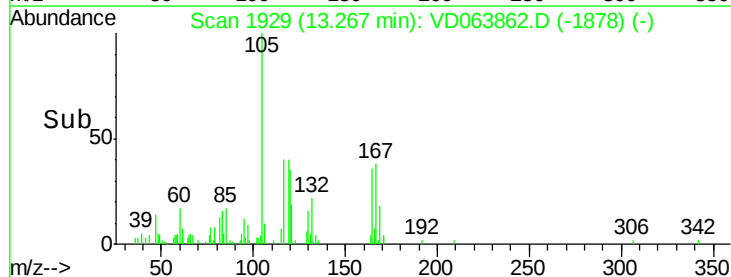
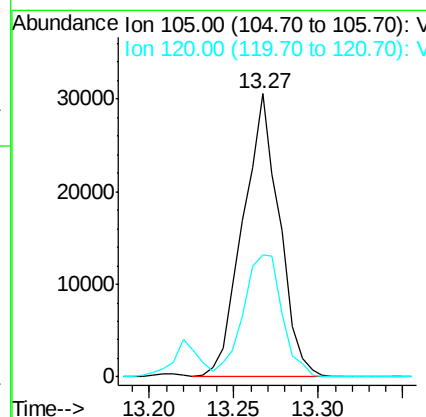
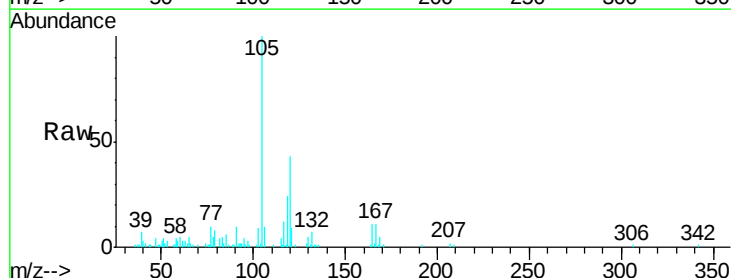
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

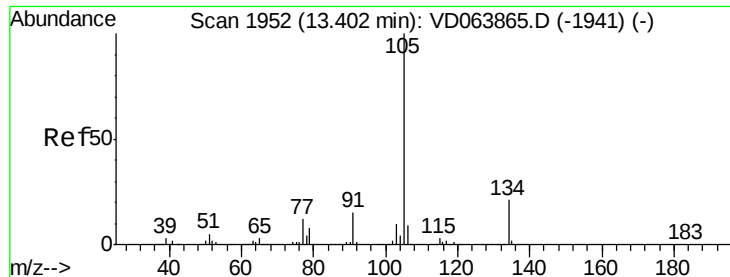
Tgt Ion:119 Resp: 41132
 Ion Ratio Lower Upper
 119 100
 91 56.5 30.0 90.0
 134 25.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 5.161 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion:105 Resp: 45850
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.8 71.5

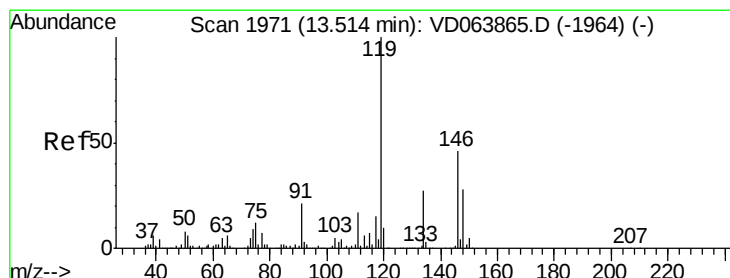
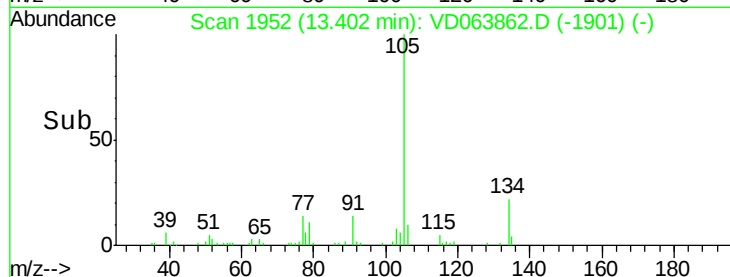
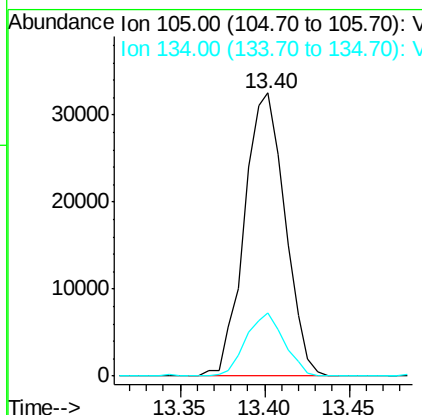
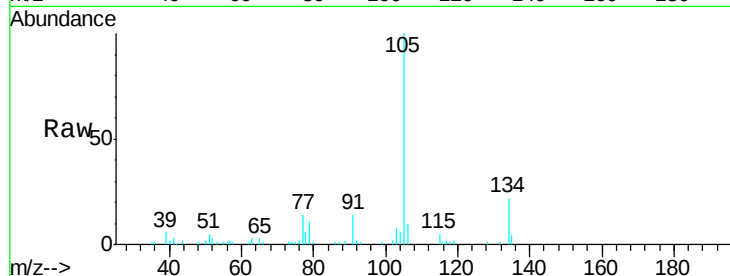




#85
 sec-Butylbenzene
 Concen: 5.124 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

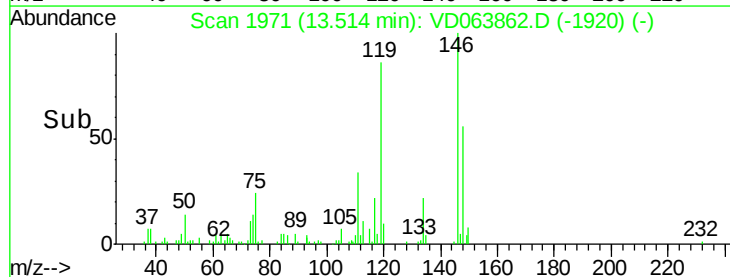
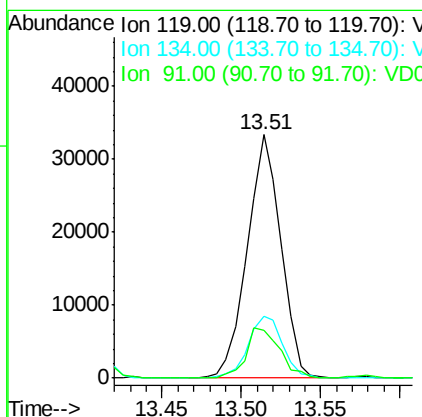
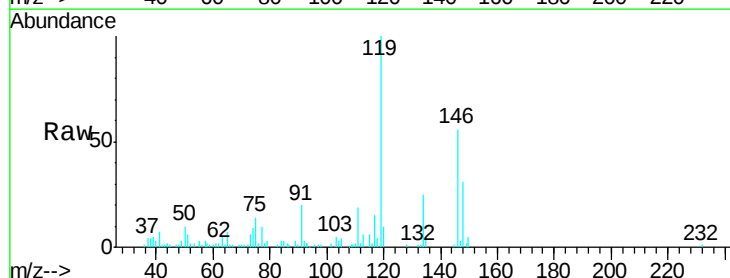
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

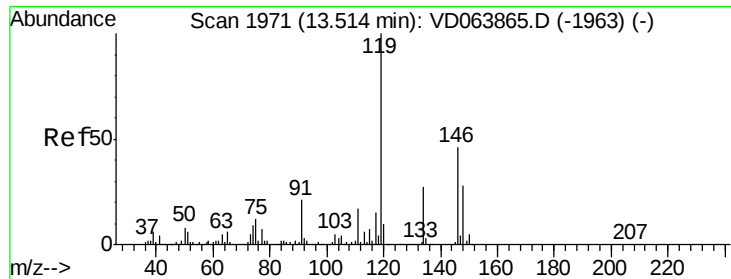
Tgt Ion:105 Resp: 54500
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 4.923 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion:119 Resp: 49050
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.9 41.6
 91 20.6 11.2 33.5

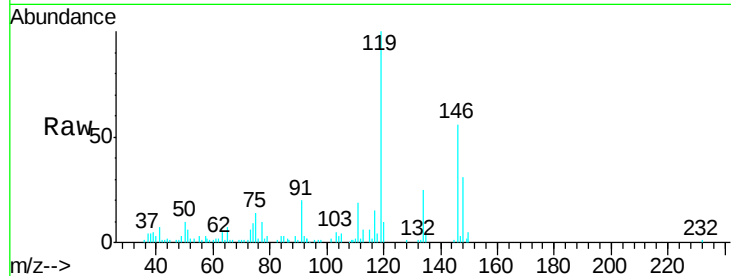




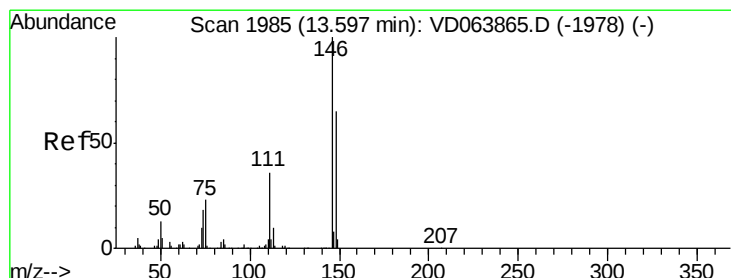
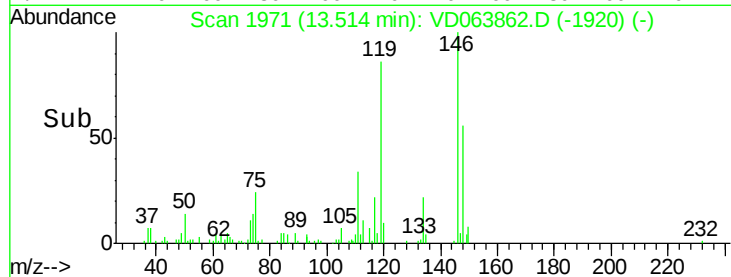
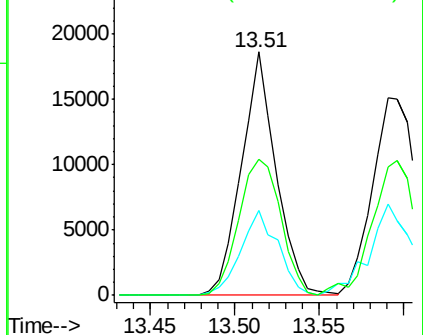
#87
 1,3-Dichlorobenzene
 Concen: 5.405 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:146 Resp: 26877
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.3 54.9
 148 66.9 31.8 95.4

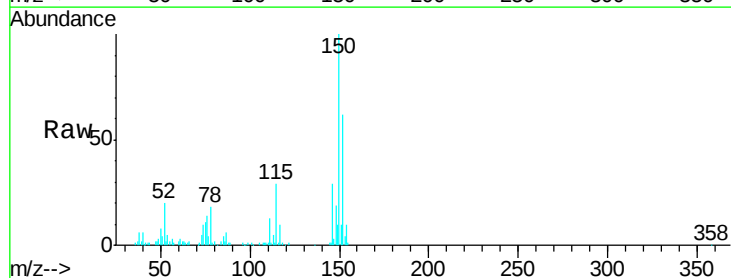


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

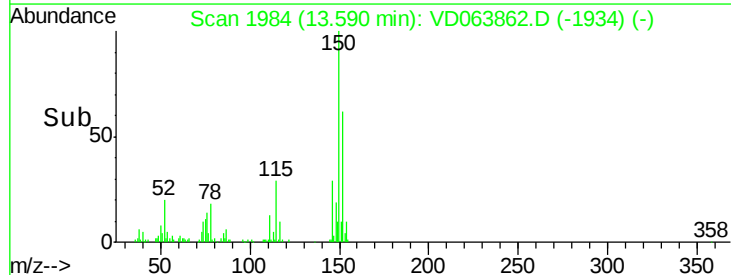
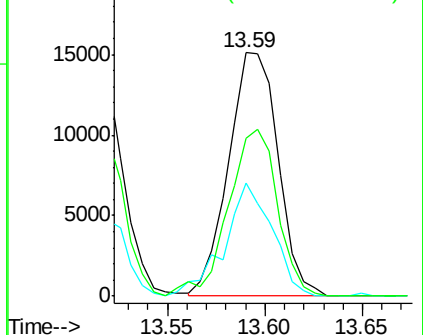


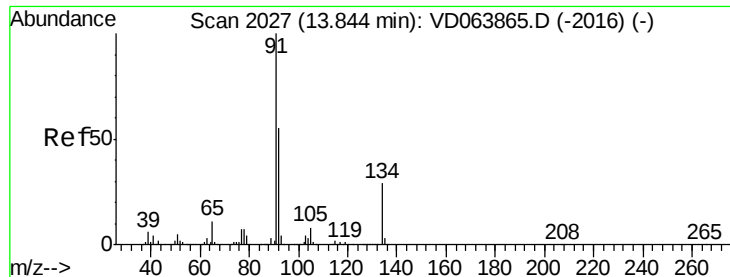
#88
 1,4-Dichlorobenzene
 Concen: 5.374 ug/l
 RT: 13.59 min Scan# 1984
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion:146 Resp: 26668
 Ion Ratio Lower Upper
 146 100
 111 44.9 18.6 56.0
 148 67.7 32.6 98.0



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

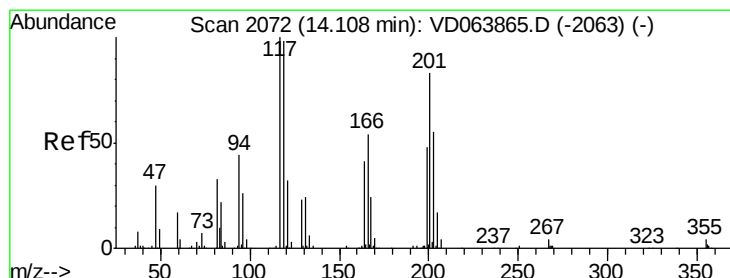
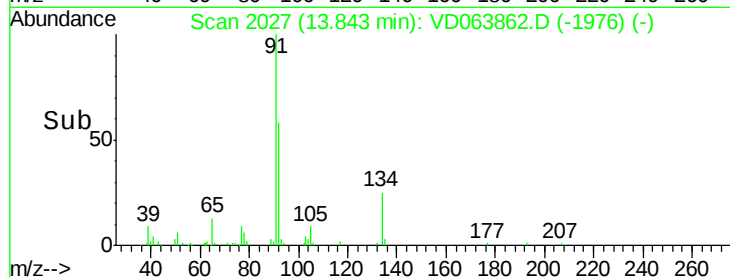
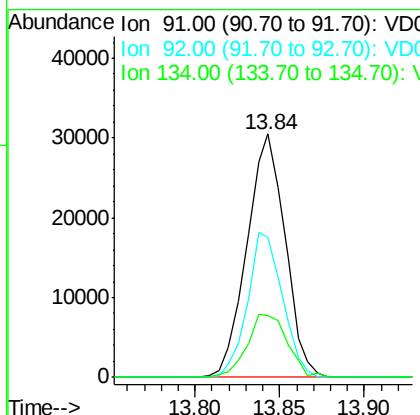
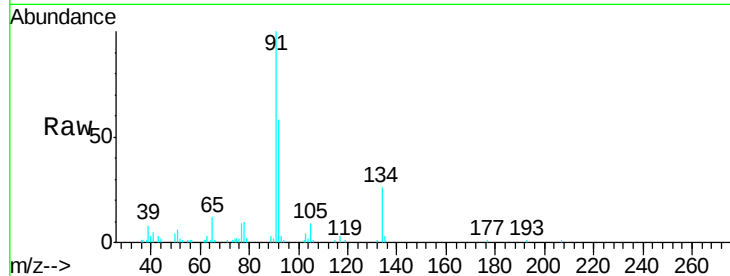




#89
n-Butylbenzene
Concen: 5.078 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

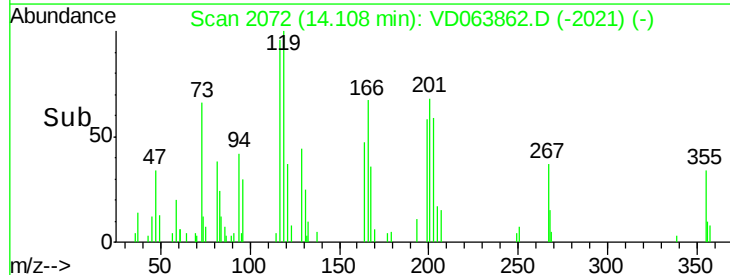
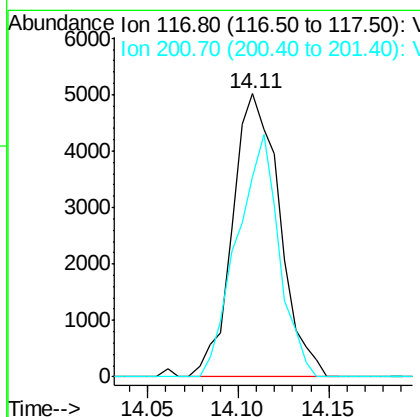
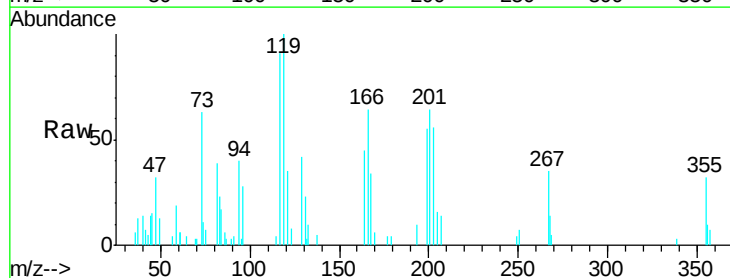
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

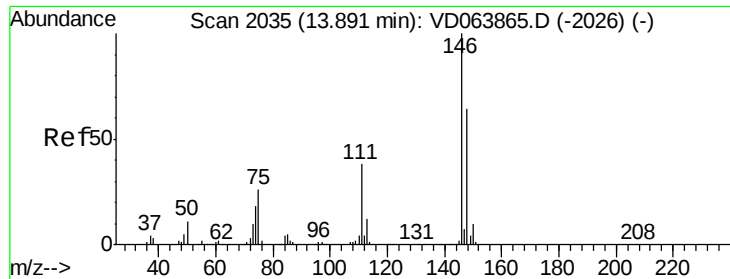
Tgt Ion: 91 Resp: 47996
Ion Ratio Lower Upper
91 100
92 54.7 26.8 80.3
134 27.5 14.4 43.0



#90
Hexachloroethane
Concen: 4.931 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion: 117 Resp: 9085
Ion Ratio Lower Upper
117 100
201 76.1 40.6 121.7

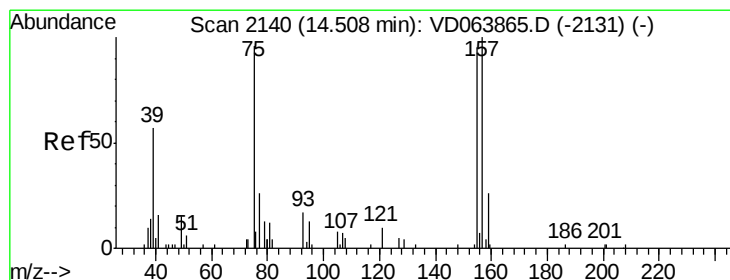
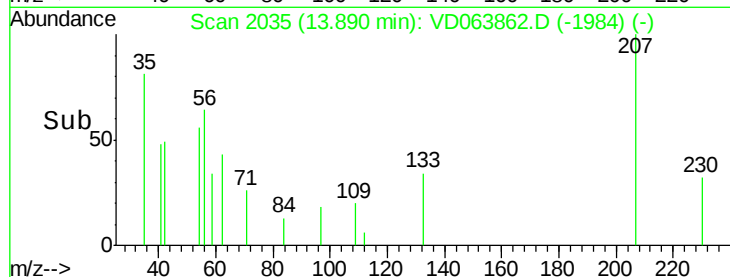
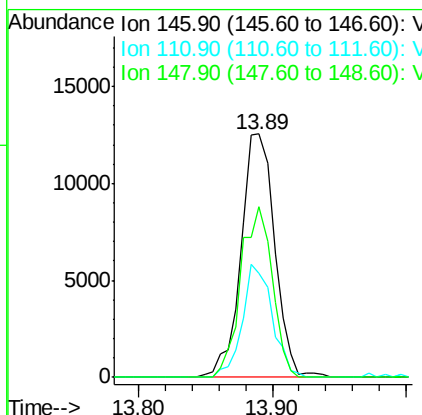
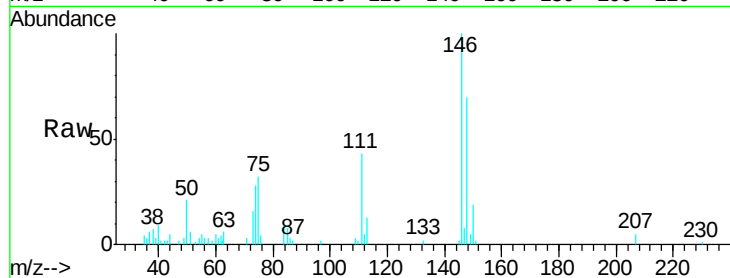




#91
 1,2-Dichlorobenzene
 Concen: 5.115 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

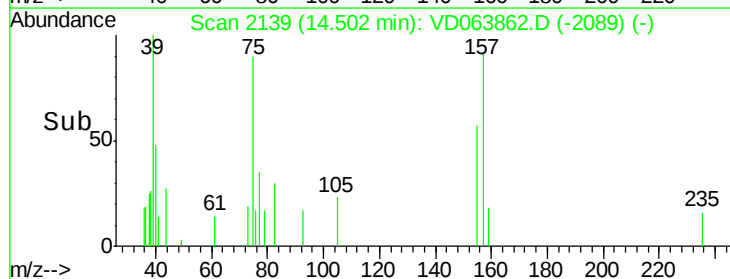
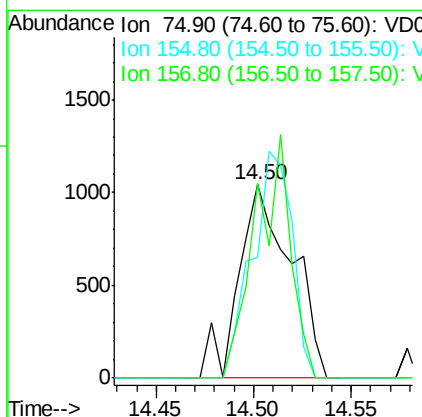
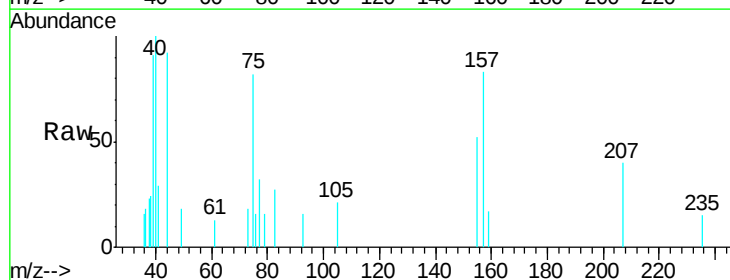
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

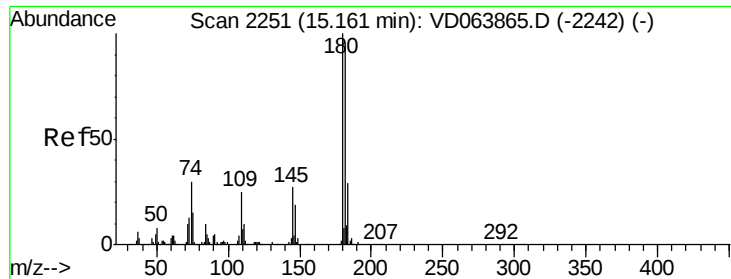
Tgt Ion: 146 Resp: 21910
 Ion Ratio Lower Upper
 146 100
 111 40.9 18.6 55.6
 148 65.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.460 ug/l
 RT: 14.50 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion: 75 Resp: 1959
 Ion Ratio Lower Upper
 75 100
 155 88.5 43.9 131.6
 157 83.9 56.0 167.9

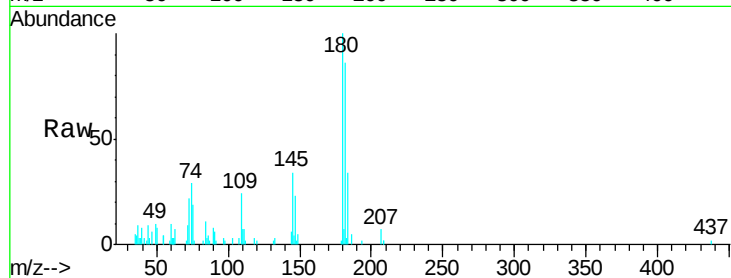




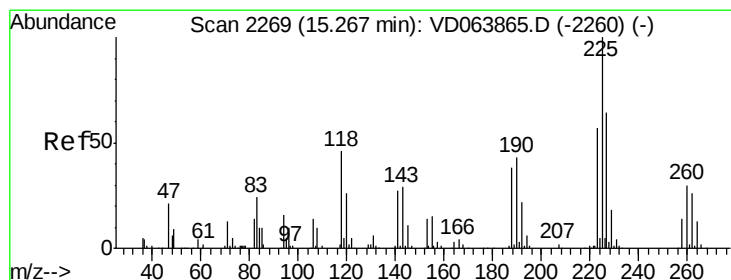
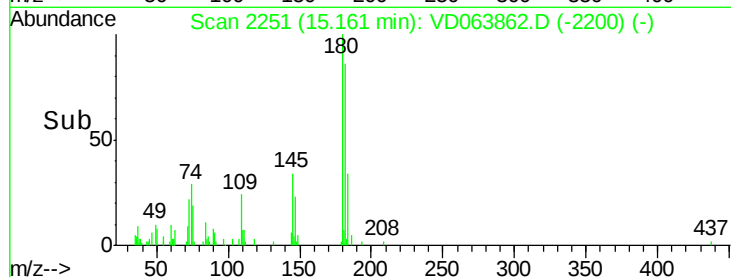
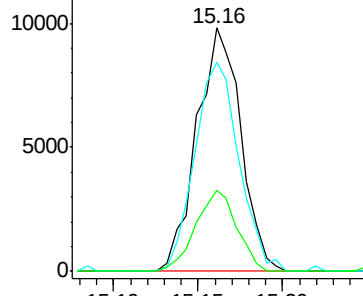
#93
 1,2,4-Trichlorobenzene
 Concen: 5.462 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 17718
 Ion Ratio Lower Upper
 180 100
 182 86.6 47.4 142.3
 145 31.1 13.9 41.7

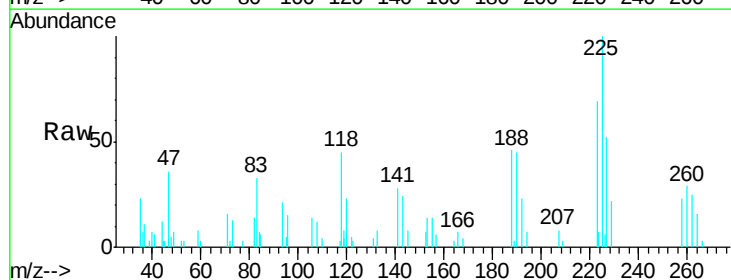


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

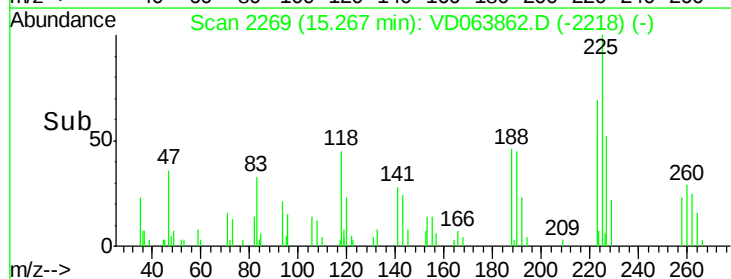
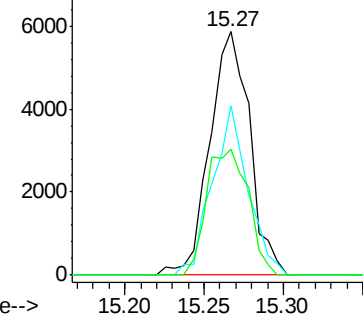


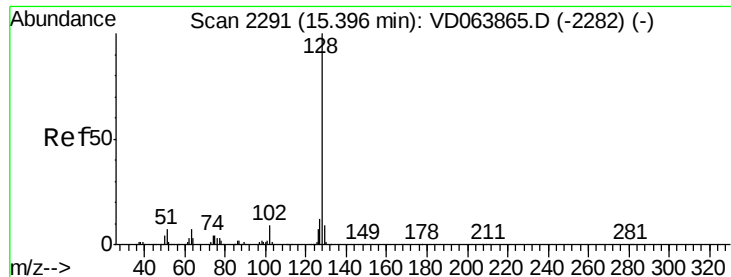
#94
 Hexachlorobutadiene
 Concen: 5.615 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: VD063862.D
 Acq: 02 Oct 2019 15:54

Tgt Ion:225 Resp: 10306
 Ion Ratio Lower Upper
 225 100
 223 62.3 29.5 88.6
 227 54.0 30.8 92.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

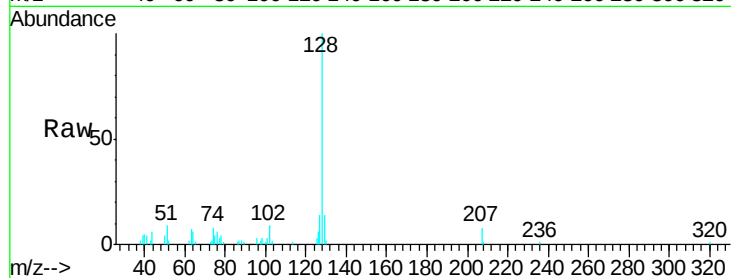




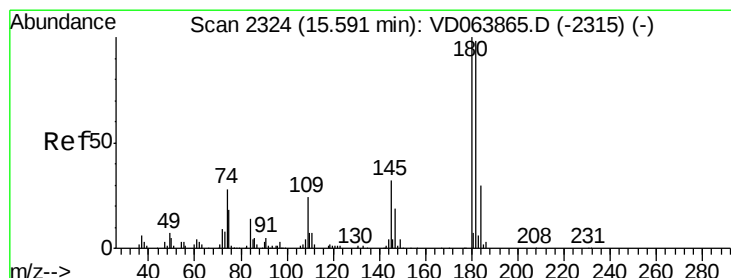
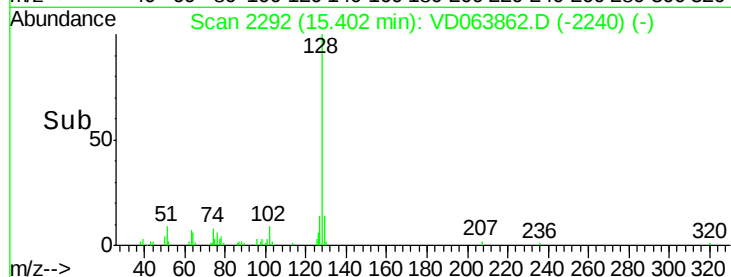
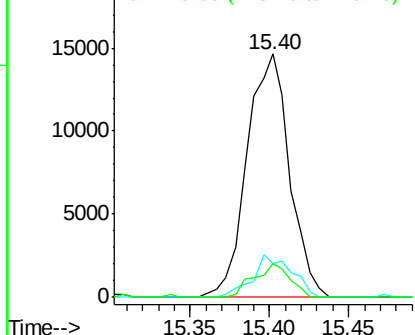
#95
Naphthalene
Concen: 4.657 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. 0.01 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 27214
Ion Ratio Lower Upper
128 100
127 16.1 10.6 16.0#
129 11.7 8.6 13.0

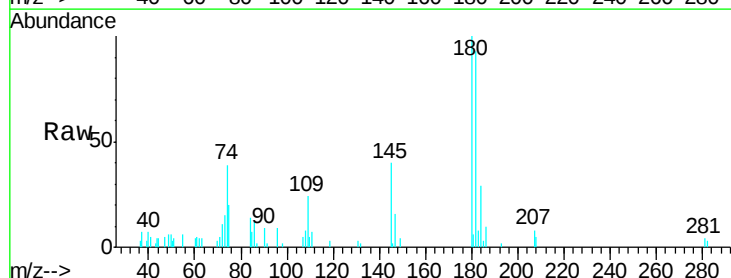


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.367 ug/l
RT: 15.59 min Scan# 2324
Delta R.T. -0.00 min
Lab File: VD063862.D
Acq: 02 Oct 2019 15:54

Tgt Ion:180 Resp: 15443
Ion Ratio Lower Upper
180 100
182 94.7 47.0 141.0
145 35.0 15.3 45.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

