

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067075.D
 Acq On : 05 Oct 2020 11:24
 Operator : VA/SY
 Sample : VD1005SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

Quant Time: Oct 06 07:15:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	471038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	714108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	642885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	319302	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	206654	45.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.10%	
35) Dibromofluoromethane	7.91	113	231853	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	10.34	98	859258	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.63	95	295153	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	93591	21.894	ug/l	95
3) Chloromethane	2.21	50	71886	19.163	ug/l	99
4) Vinyl Chloride	2.35	62	73779	19.615	ug/l	98
5) Bromomethane	2.77	94	53938	19.615	ug/l	91
6) Chloroethane	2.92	64	45816	20.001	ug/l	98
7) Trichlorofluoromethane	3.27	101	168264	20.135	ug/l	99
8) Diethyl Ether	3.71	74	40455	19.522	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	97674	20.679	ug/l	98
10) Methyl Iodide	4.30	142	87908	19.154	ug/l	99
11) Tert butyl alcohol	5.22	59	22542	44.918	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	89818	20.228	ug/l	99
13) Acrolein	3.93	56	24873	81.874	ug/l	97
14) Allyl chloride	4.71	41	114116	19.783	ug/l	97
15) Acrylonitrile	5.43	53	72931	95.621	ug/l	95
16) Acetone	4.16	43	66343	95.791	ug/l #	88
17) Carbon Disulfide	4.40	76	272350	19.986	ug/l	99
18) Methyl Acetate	4.72	43	32017	18.393	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	158251	19.523	ug/l #	90
20) Methylene Chloride	4.97	84	100580	15.436	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	101175	20.022	ug/l	95
22) Diisopropyl ether	6.37	45	213206	20.245	ug/l	97
23) Vinyl Acetate	6.31	43	562498	94.259	ug/l	98
24) 1,1-Dichloroethane	6.26	63	160738	19.778	ug/l	94
25) 2-Butanone	7.21	43	85668	87.246	ug/l	100
26) 2,2-Dichloropropane	7.21	77	149148	18.895	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	107424	19.905	ug/l	97
28) Bromochloromethane	7.55	49	55391	17.648	ug/l	94
29) Tetrahydrofuran	7.57	42	51564	91.329	ug/l	97
30) Chloroform	7.71	83	179357	20.344	ug/l	97
31) Cyclohexane	7.98	56	135261	19.851	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	162204	19.852	ug/l	98
36) 1,1-Dichloropropene	8.11	75	135877	20.413	ug/l	98
37) Ethyl Acetate	7.30	43	37844	16.412	ug/l #	91
38) Carbon Tetrachloride	8.10	117	153351	21.293	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067075.D
 Acq On : 05 Oct 2020 11:24
 Operator : VA/SY
 Sample : VD1005SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1005SBS01

Quant Time: Oct 06 07:15:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	149216	21.204	ug/l	92
40) Benzene	8.35	78	378134	20.453	ug/l	98
41) Methacrylonitrile	7.53	41	20312	16.305	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	102016	19.747	ug/l	98
43) Isopropyl Acetate	8.45	43	80245	18.890	ug/l	99
44) Trichloroethene	9.11	130	116364	21.078	ug/l	99
45) 1,2-Dichloropropane	9.38	63	91494	21.062	ug/l	100
46) Dibromomethane	9.48	93	50689	20.302	ug/l	98
47) Bromodichloromethane	9.66	83	131567	20.272	ug/l	99
48) Methyl methacrylate	9.46	41	44009	20.222	ug/l	97
49) 1,4-Dioxane	9.46	88	10332	396.502	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	200817	94.908	ug/l	100
52) Toluene	10.40	92	256604	21.546	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	115066	19.838	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	144153	20.352	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	68726	19.799	ug/l	98
56) Ethyl methacrylate	10.66	69	72646	20.271	ug/l	99
57) 1,3-Dichloropropane	10.95	76	111613	19.828	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	195579	98.050	ug/l	96
59) 2-Hexanone	10.98	43	136354	96.551	ug/l	99
60) Dibromochloromethane	11.14	129	94275	20.377	ug/l	97
61) 1,2-Dibromoethane	11.24	107	67733	20.311	ug/l	99
64) Tetrachloroethene	10.87	164	102149	21.856	ug/l	98
65) Chlorobenzene	11.67	112	273971	21.427	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	105341	21.659	ug/l	98
67) Ethyl Benzene	11.74	91	467512	21.340	ug/l	100
68) m/p-Xylenes	11.86	106	376621	44.112	ug/l	100
69) o-Xylene	12.18	106	165068	21.620	ug/l	96
70) Styrene	12.20	104	284144	21.673	ug/l	98
71) Bromoform	12.36	173	53341	21.128	ug/l	95
73) Isopropylbenzene	12.48	105	463716	21.388	ug/l	100
74) N-amyl acetate	12.29	43	73533	18.867	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	72888	19.953	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	93921	33.770	ug/l #	100
77) Bromobenzene	12.76	156	111326	21.265	ug/l	94
78) n-propylbenzene	12.82	91	540216	21.083	ug/l	100
79) 2-Chlorotoluene	12.91	91	306659	20.918	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	390907	21.340	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	21039	18.860	ug/l	99
82) 4-Chlorotoluene	13.01	91	326019	20.902	ug/l	99
83) tert-Butylbenzene	13.23	119	340766	22.091	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	393891	21.547	ug/l	99
85) sec-Butylbenzene	13.41	105	456771	21.027	ug/l	99
86) p-Isopropyltoluene	13.52	119	428430	21.273	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	213403	20.928	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	208704	20.469	ug/l	98
89) n-Butylbenzene	13.85	91	389035	21.136	ug/l	99
90) Hexachloroethane	14.12	117	72543	20.563	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	181710	20.404	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10229	17.371	ug/l	83

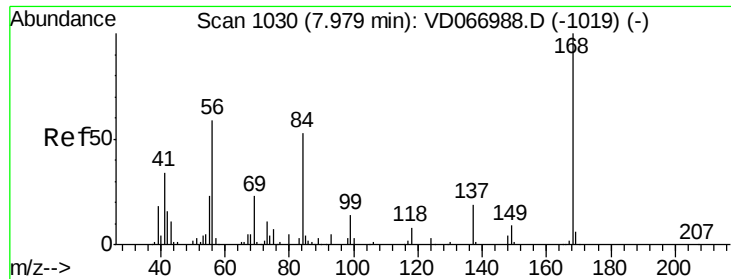
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
Data File : VD067075.D
Acq On : 05 Oct 2020 11:24
Operator : VA/SY
Sample : VD1005SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

Quant Time: Oct 06 07:15:02 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	121691	21.125	ug/l	98
94) Hexachlorobutadiene	15.28	225	75203	21.258	ug/l	97
95) Naphthalene	15.41	128	190466	19.823	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	103504	20.698	ug/l	99

(#) = 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. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

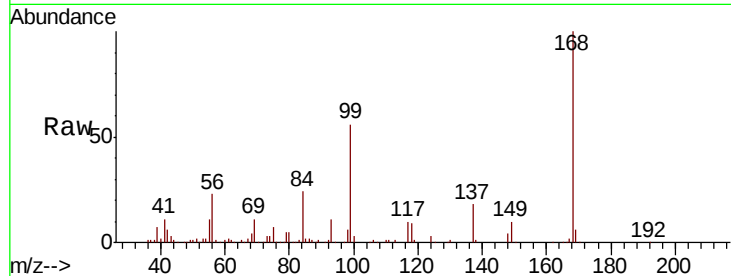
VD1005SBSD01

Tot Ion:168 Resp: 471038

Ion Ratio Lower Upper

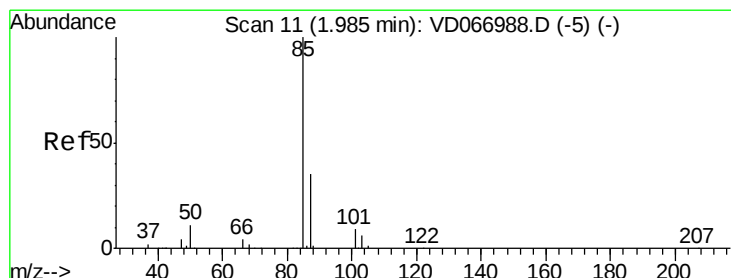
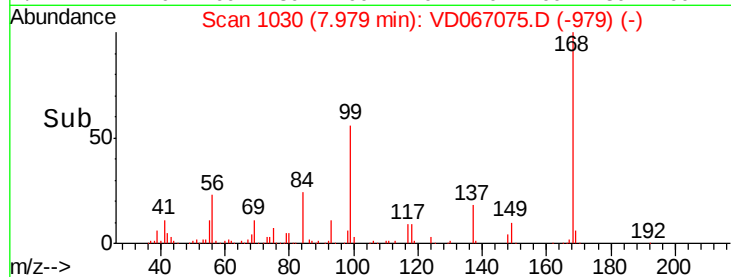
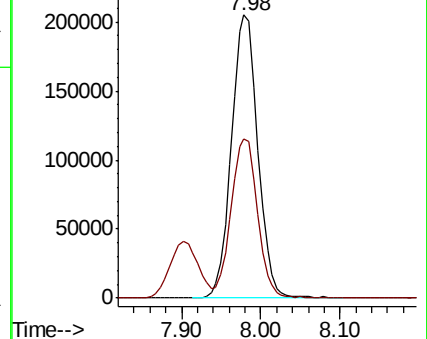
168 100

99 56.0 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.894 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067075.D

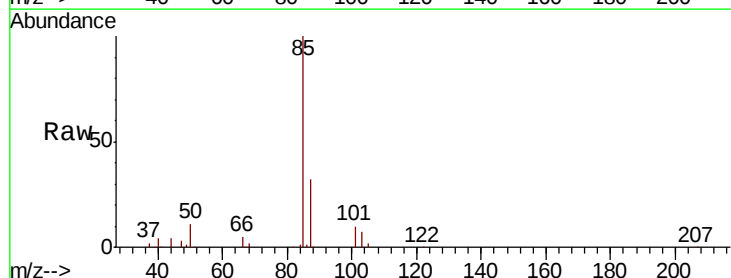
Acq: 05 Oct 2020 11:24

Tgt Ion: 85 Resp: 93591

Ion Ratio Lower Upper

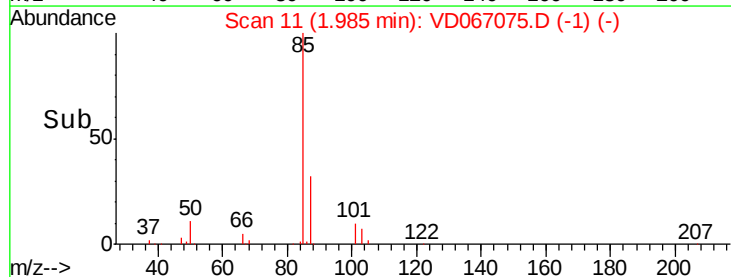
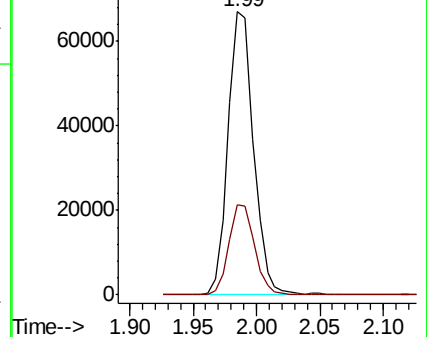
85 100

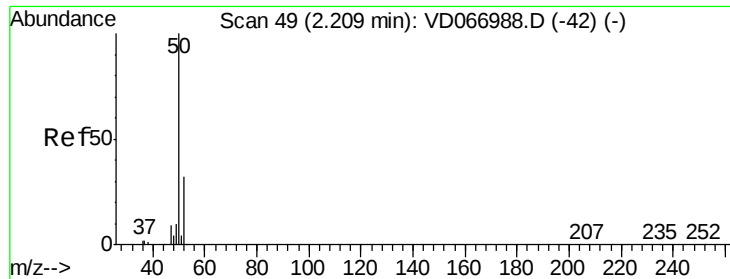
87 32.0 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.163 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

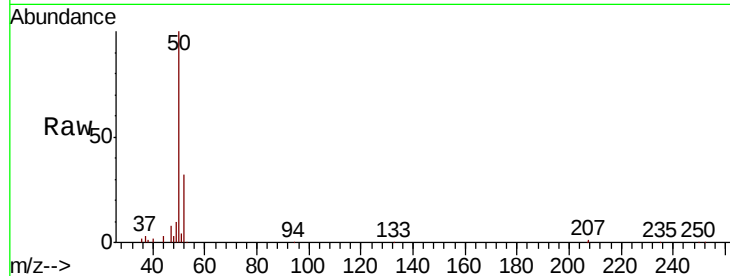
VD1005SBSD01

Tot Ion: 50 Resp: 71886

Ion Ratio Lower Upper

50 100

52 32.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

60000

50000

40000

30000

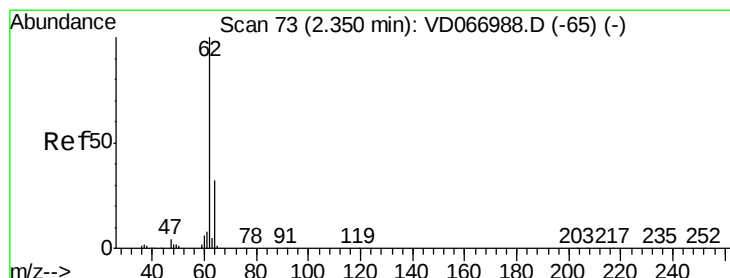
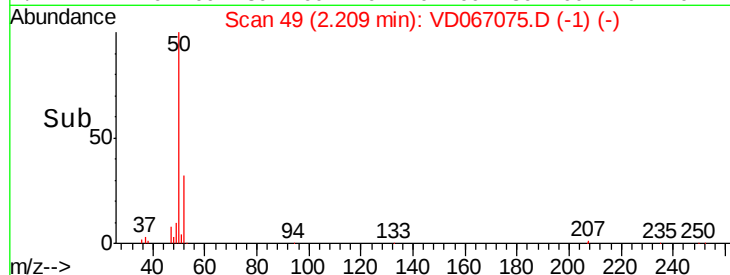
20000

10000

0

Time-->

2.15 2.20 2.25 2.30



#4

Vinyl Chloride

Concen: 19.615 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067075.D

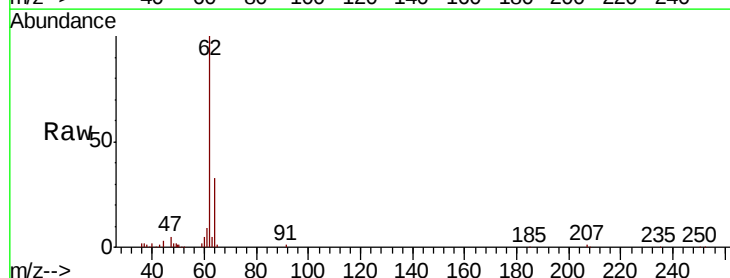
Acq: 05 Oct 2020 11:24

Tgt Ion: 62 Resp: 73779

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

50000

40000

30000

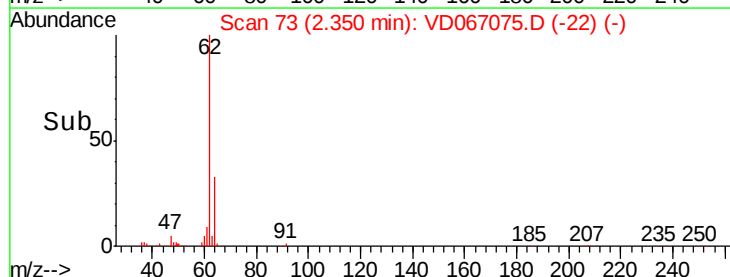
20000

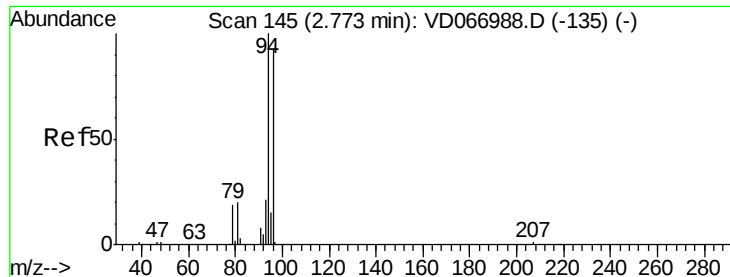
10000

0

Time-->

2.30 2.40





#5

Bromomethane

Concen: 19.615 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

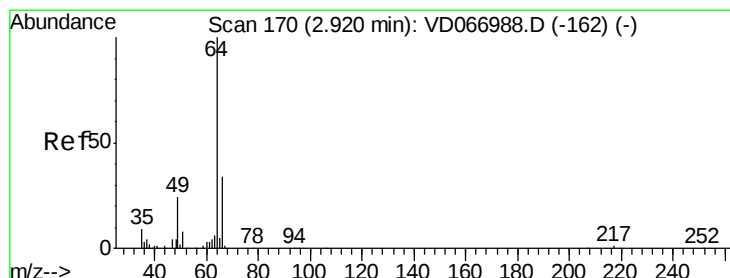
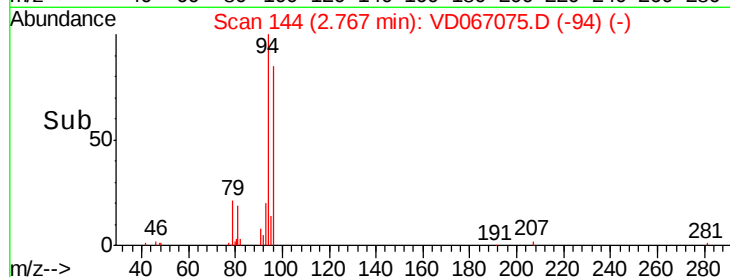
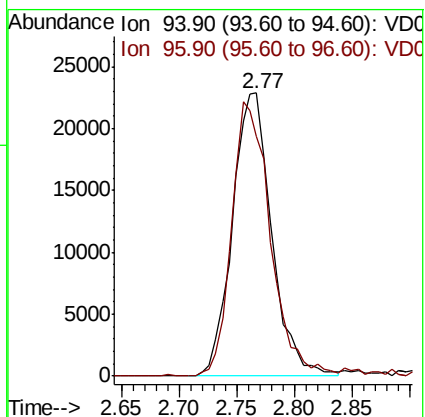
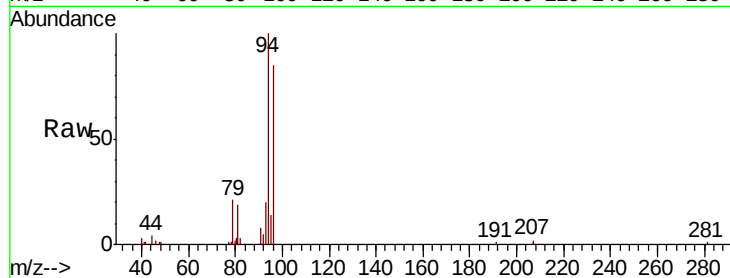
VD1005SBSD01

Tot Ion: 94 Resp: 53938

Ion Ratio Lower Upper

94 100

96 84.6 74.6 112.0



#6

Chloroethane

Concen: 20.001 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD067075.D

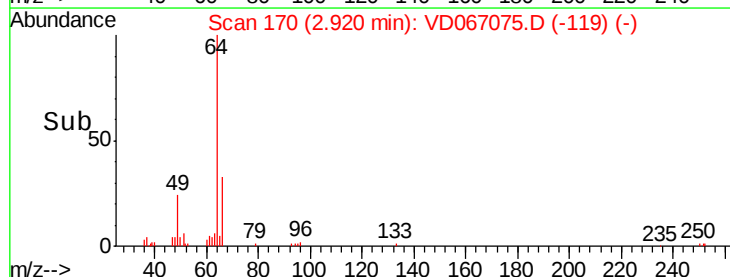
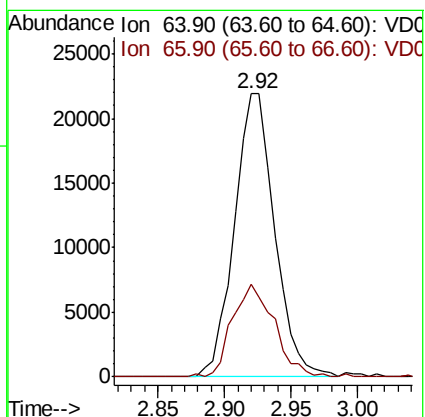
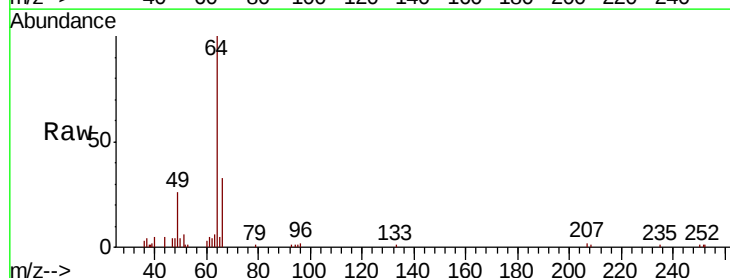
Acq: 05 Oct 2020 11:24

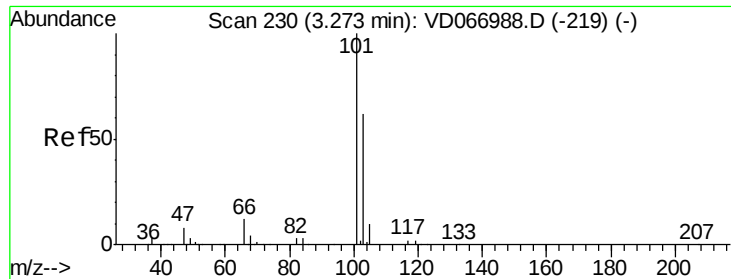
Tgt Ion: 64 Resp: 45816

Ion Ratio Lower Upper

64 100

66 32.9 27.0 40.6



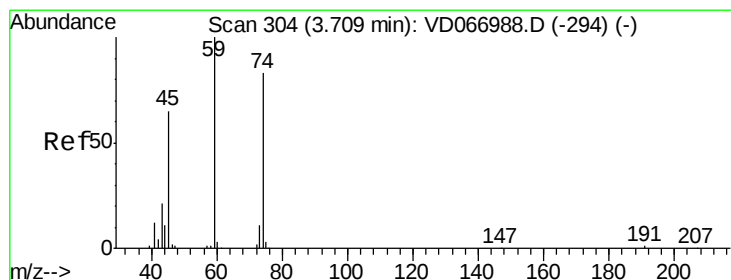
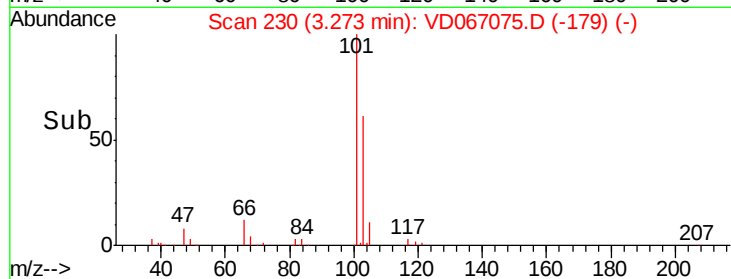
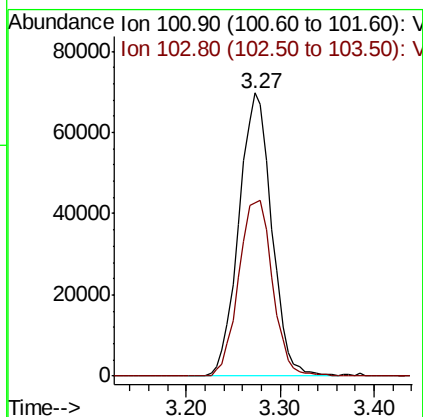
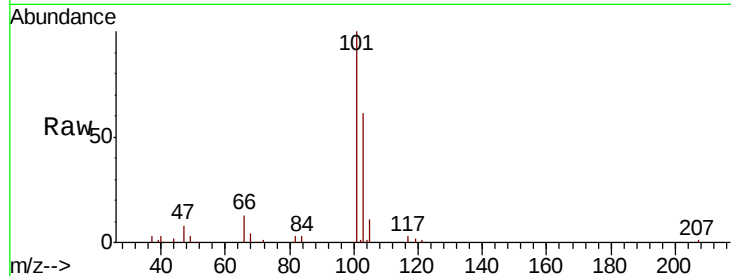


#7

Trichlorofluoromethane
 Concen: 20.135 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBSD01

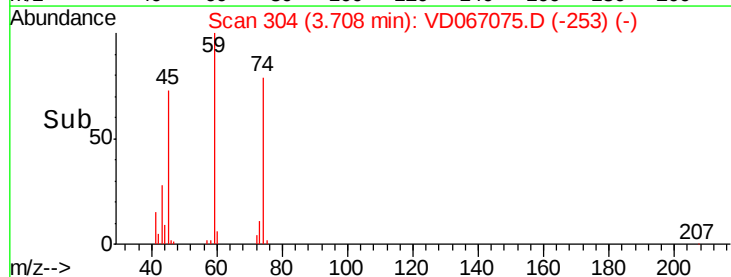
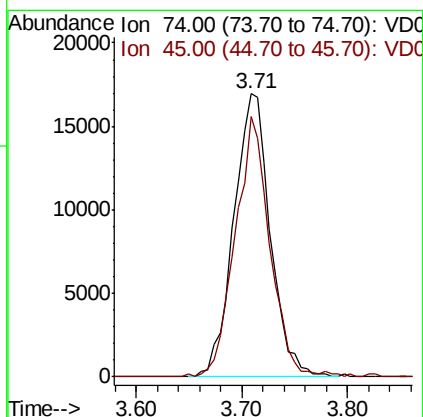
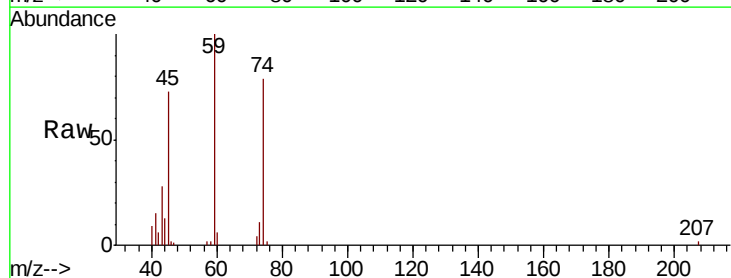
Tot Ion:101 Resp: 168264
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.8 74.8

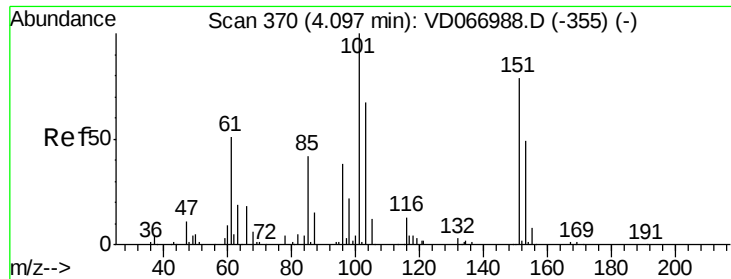


#8

Diethyl Ether
 Concen: 19.522 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Tgt Ion: 74 Resp: 40455
 Ion Ratio Lower Upper
 74 100
 45 87.0 43.1 129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.679 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBSD01

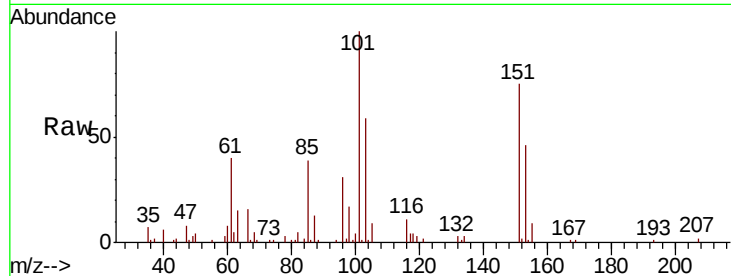
Tot Ion:101 Resp: 97674

Ion Ratio Lower Upper

101 100

85 43.3 33.8 50.8

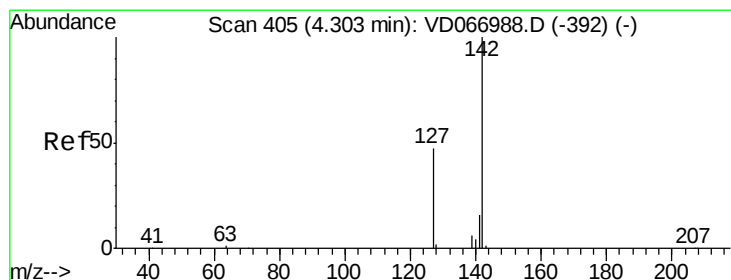
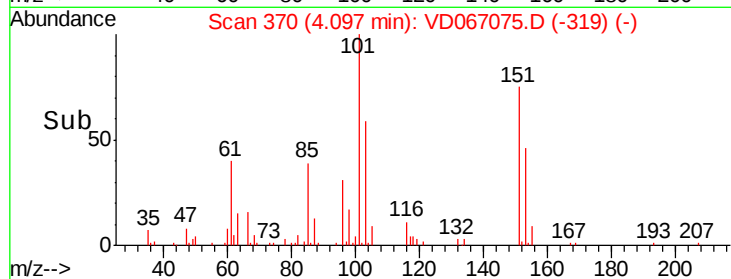
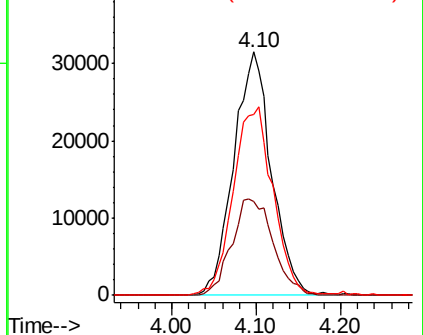
151 81.4 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VD

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.154 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

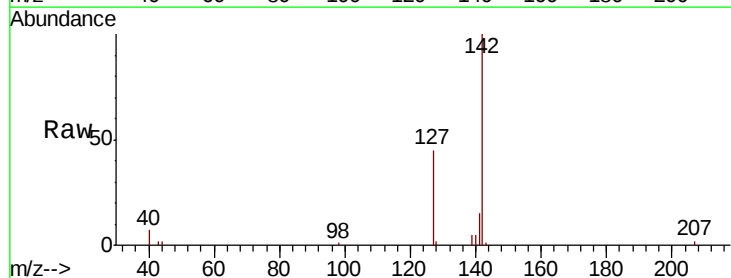
Tgt Ion:142 Resp: 87908

Ion Ratio Lower Upper

142 100

127 44.8 36.3 54.5

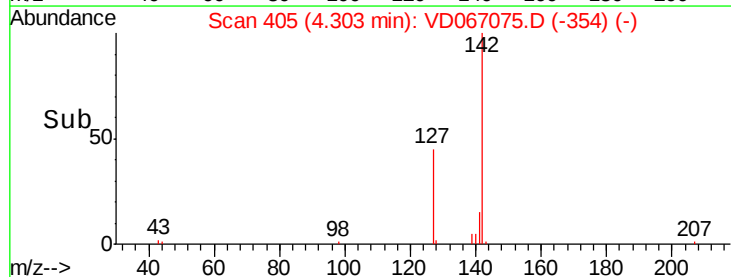
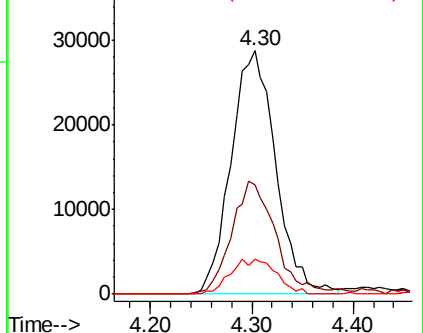
141 14.8 12.0 18.0

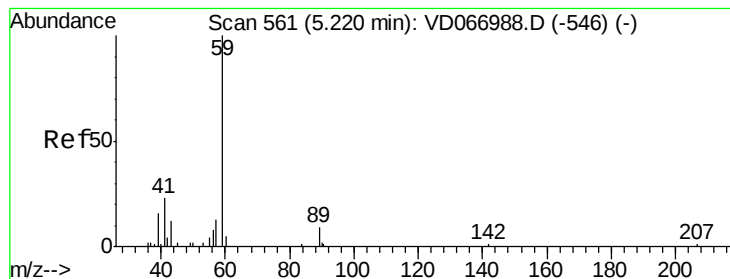


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 44.918 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

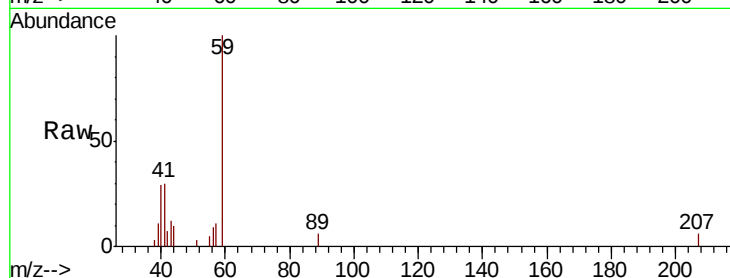
VD1005SBSD01

Tot Ion: 59 Resp: 22542

Ion Ratio Lower Upper

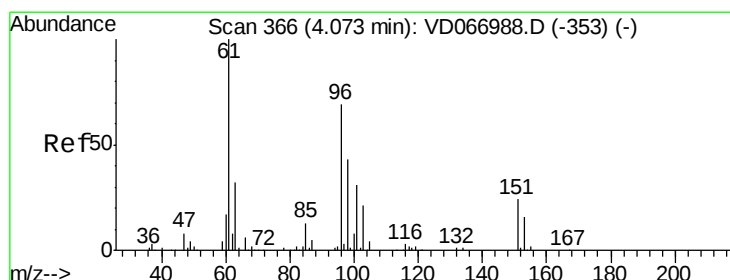
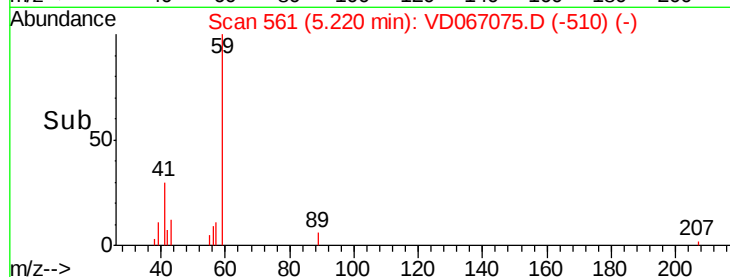
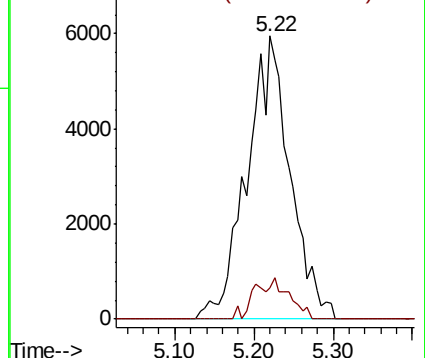
59 100

57 4.7 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.228 ug/l

RT: 4.07 min Scan# 366

Delta R.T. -0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

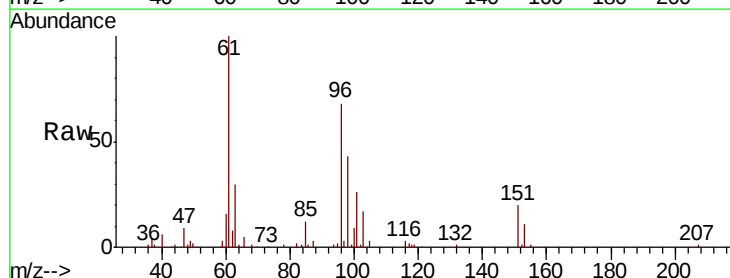
Tgt Ion: 96 Resp: 89818

Ion Ratio Lower Upper

96 100

61 147.1 116.4 174.6

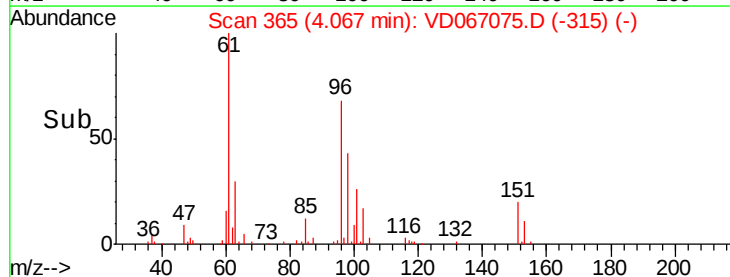
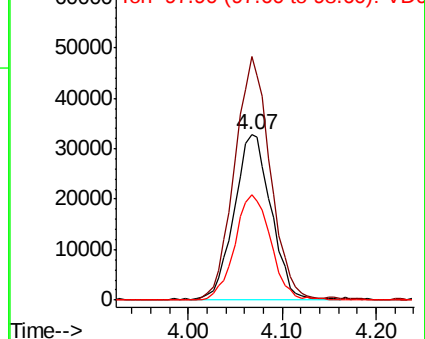
98 63.6 49.9 74.9

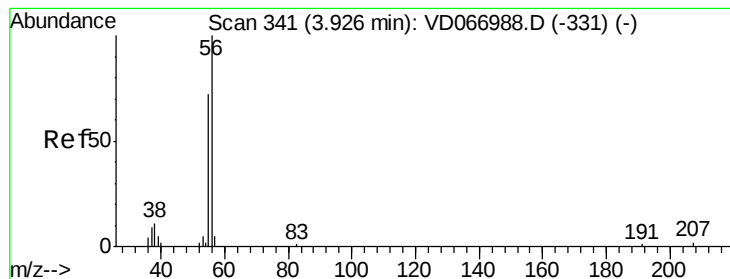


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 81.874 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

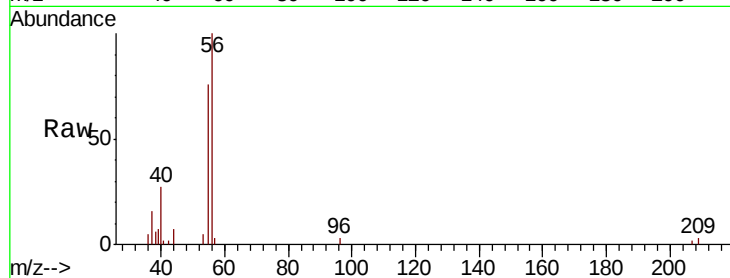
VD1005SBSD01

Tot Ion: 56 Resp: 24873

Ion Ratio Lower Upper

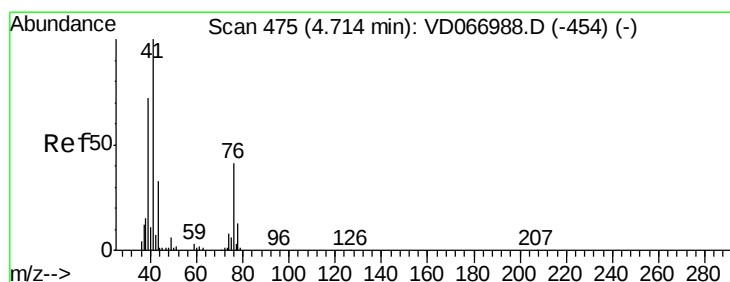
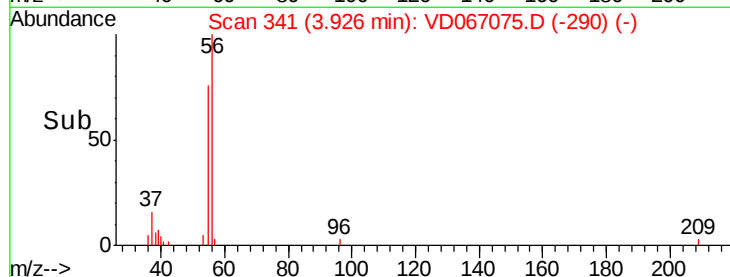
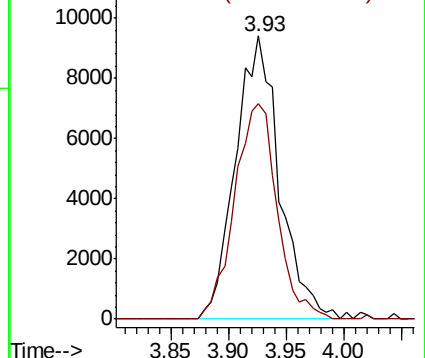
56 100

55 73.9 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.783 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

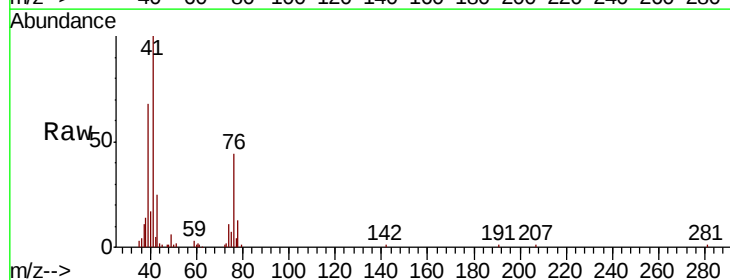
Tgt Ion: 41 Resp: 114116

Ion Ratio Lower Upper

41 100

39 68.0 56.2 84.2

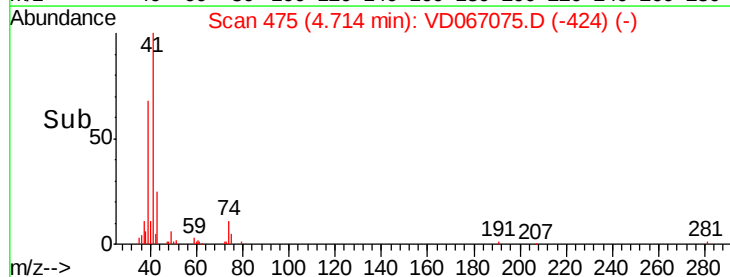
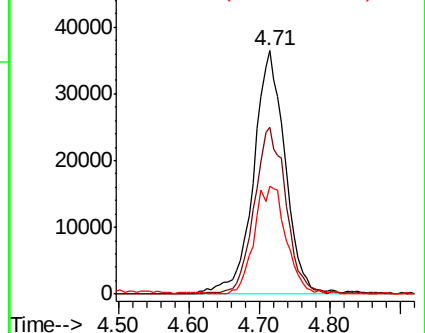
76 44.5 34.2 51.2

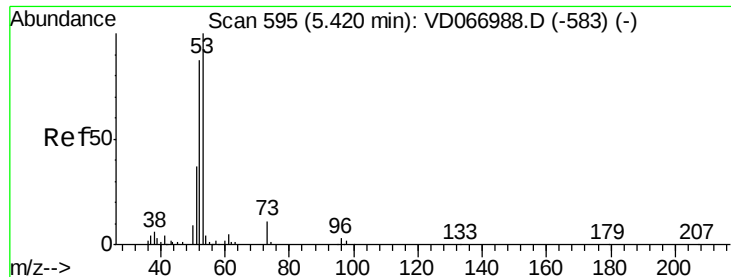


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 95.621 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

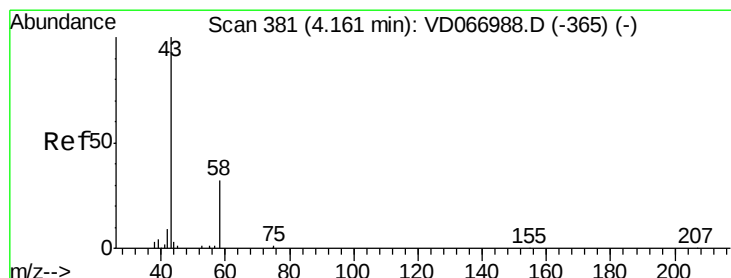
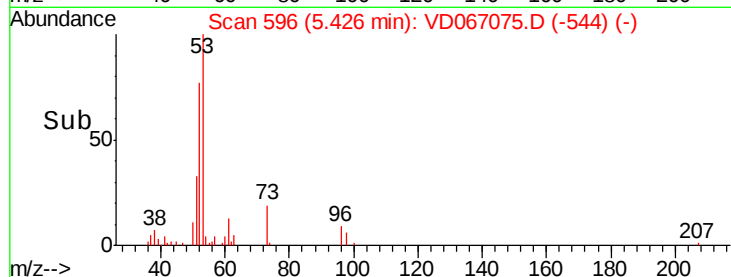
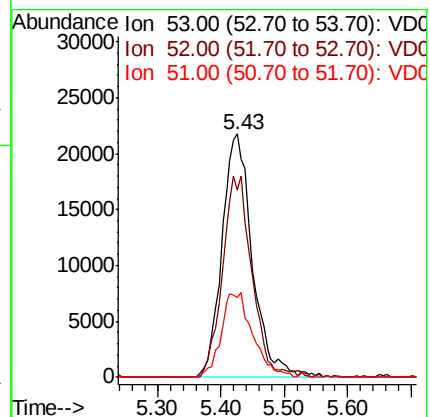
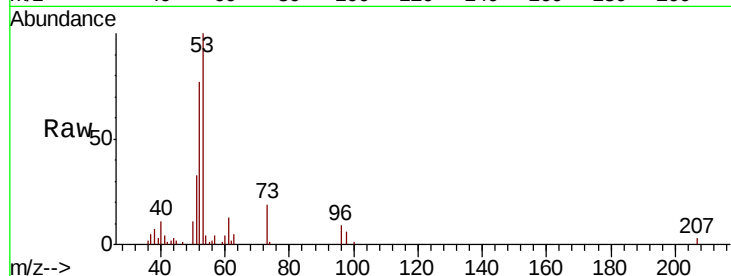
Tot Ion: 53 Resp: 72931

Ion Ratio Lower Upper

53 100

52 78.1 67.3 100.9

51 36.1 30.2 45.2



#16

Acetone

Concen: 95.791 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067075.D

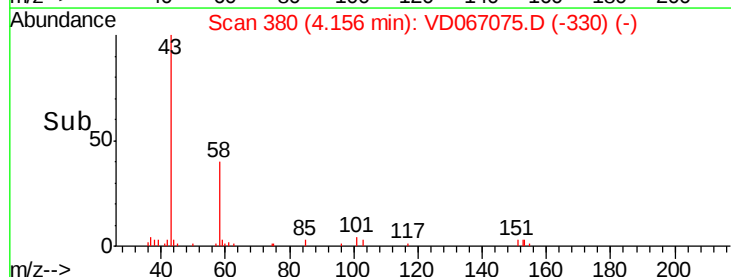
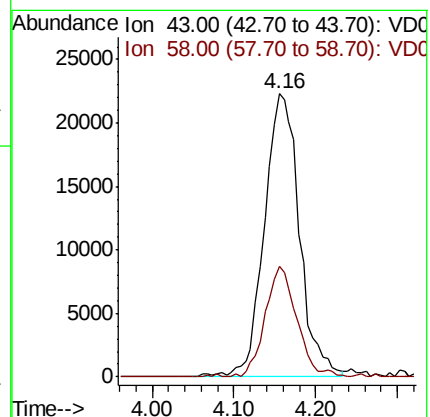
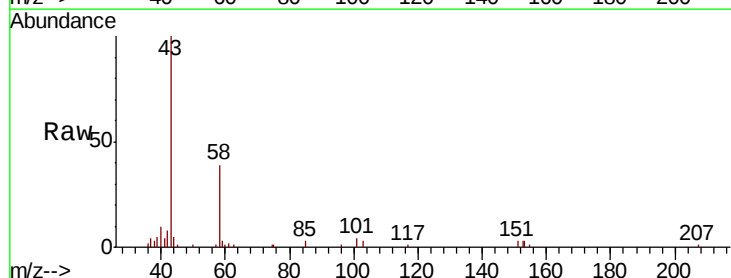
Acq: 05 Oct 2020 11:24

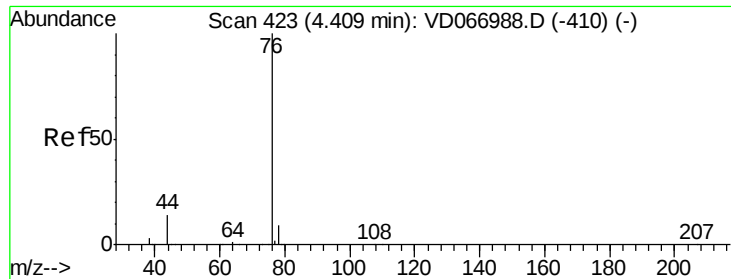
Tgt Ion: 43 Resp: 66343

Ion Ratio Lower Upper

43 100

58 39.3 25.9 38.9#

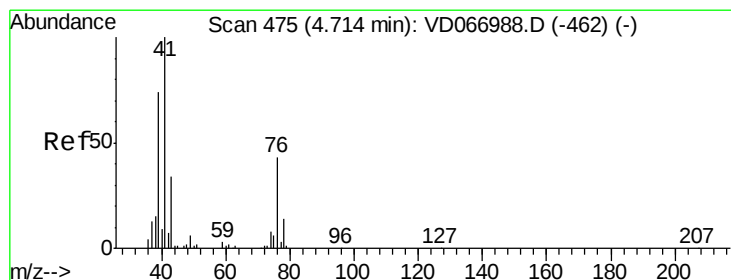
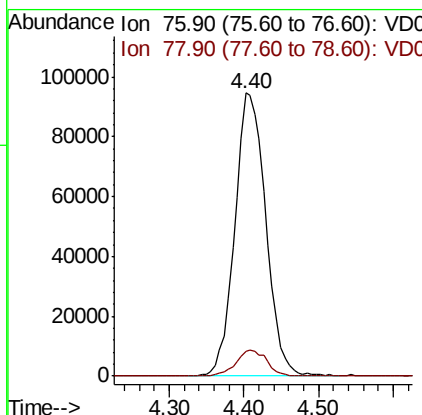
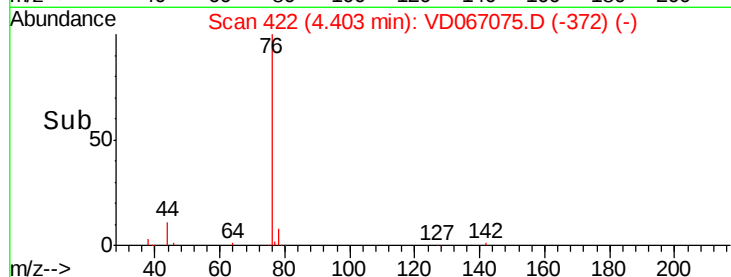
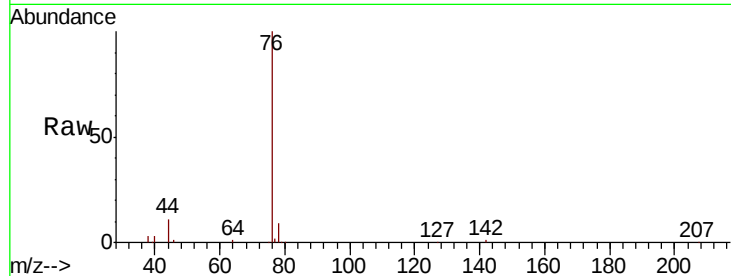




#17
Carbon Disulfide
Concen: 19.986 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

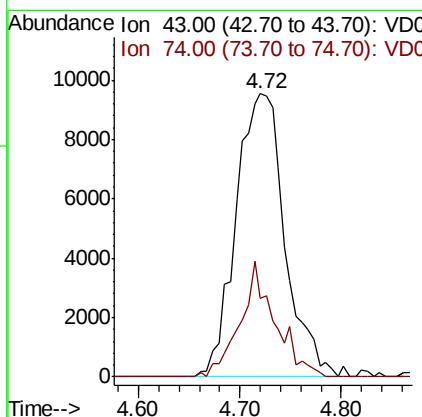
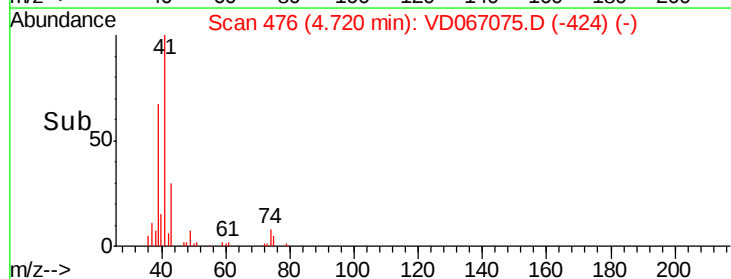
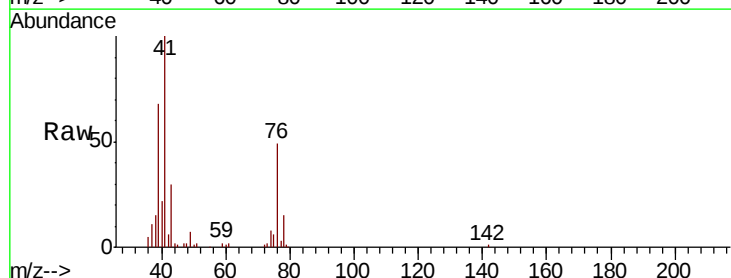
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

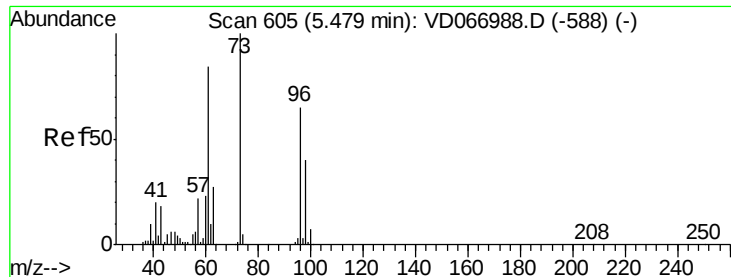
Tot Ion: 76 Resp: 272350
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 18.393 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 43 Resp: 32017
Ion Ratio Lower Upper
43 100
74 29.1 21.5 32.3



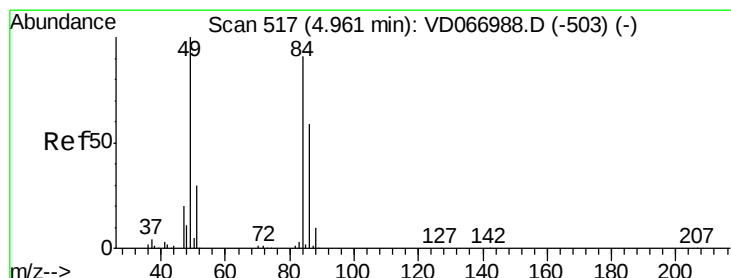
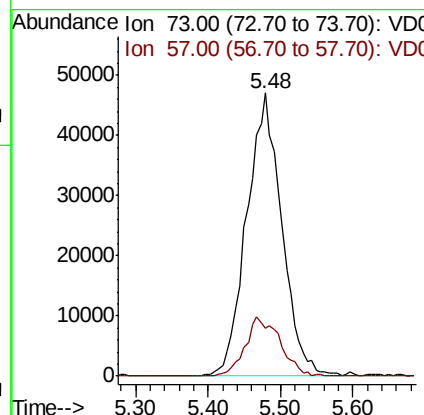
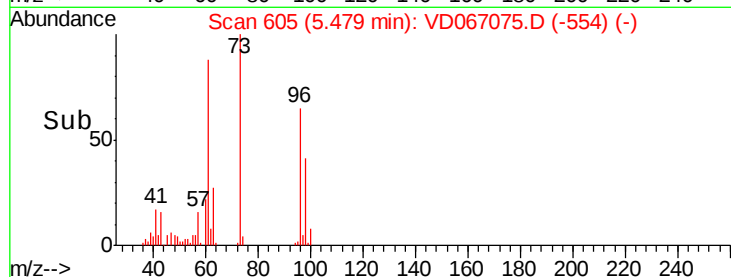
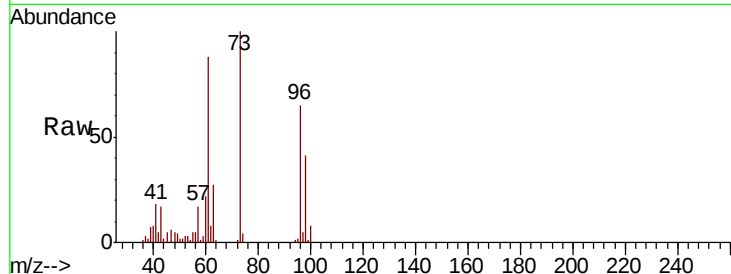


#19

Methyl tert-butyl Ether
 Concen: 19.523 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBS01

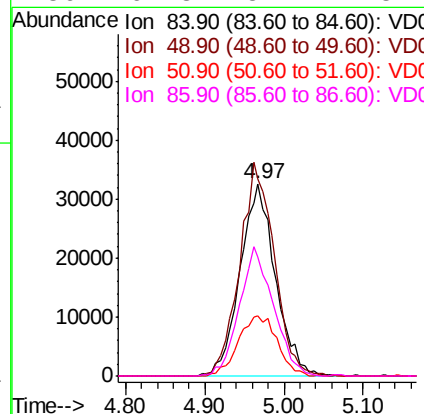
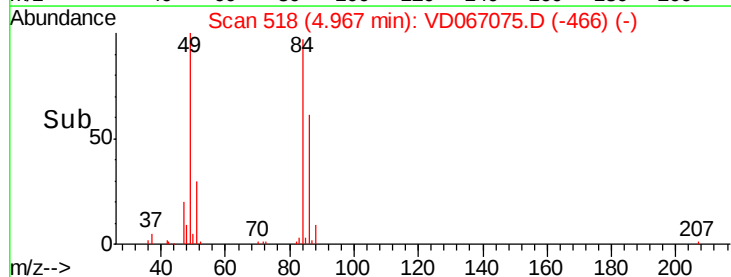
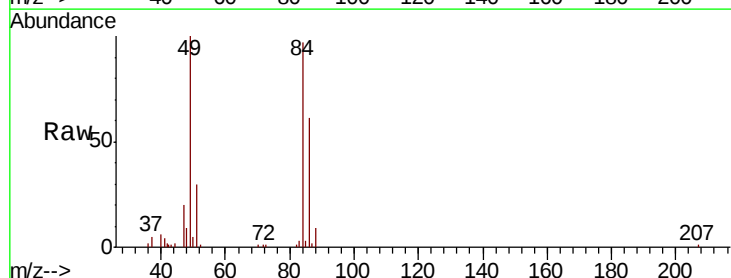
Tot Ion: 73 Resp: 158251
 Ion Ratio Lower Upper
 73 100
 57 17.1 17.4 26.0#

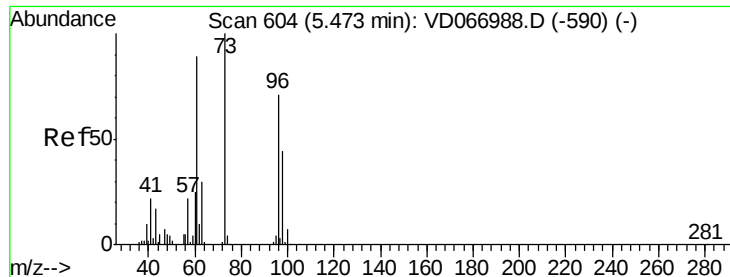


#20

Methylene Chloride
 Concen: 15.436 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.01 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Tgt Ion: 84 Resp: 100580
 Ion Ratio Lower Upper
 84 100
 49 102.8 88.2 132.2
 51 31.3 26.6 39.8
 86 62.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.022 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBSD01

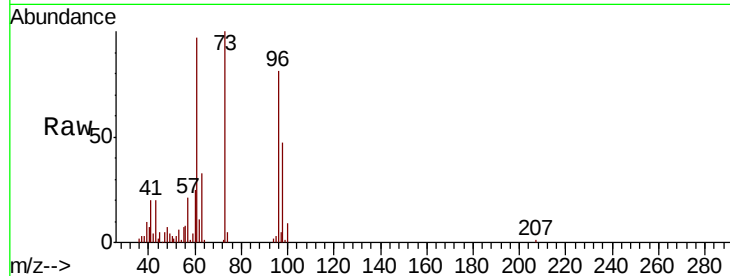
Tot Ion: 96 Resp: 101175

Ion Ratio Lower Upper

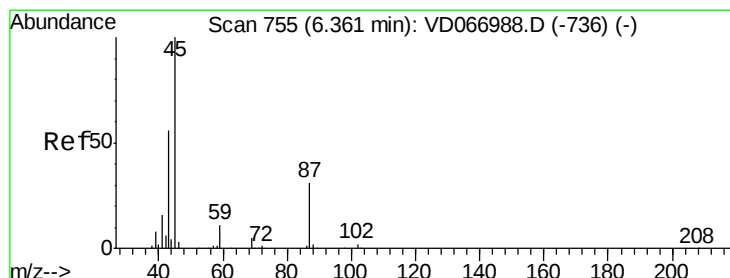
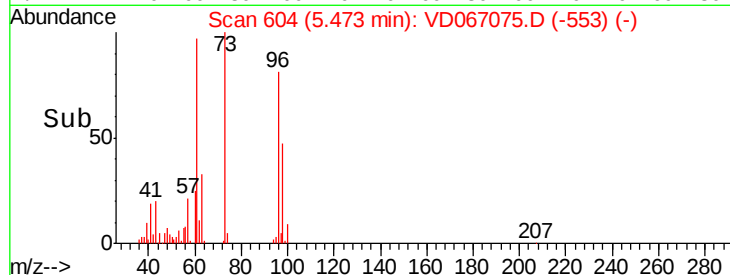
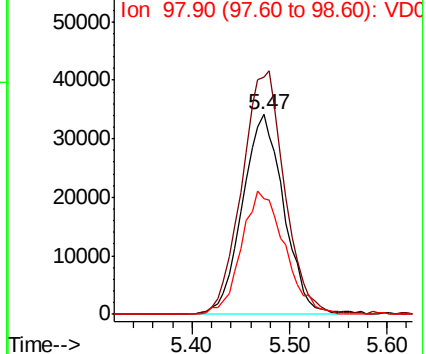
96 100

61 118.9 99.6 149.4

98 58.0 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.245 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Tgt Ion: 45 Resp: 213206

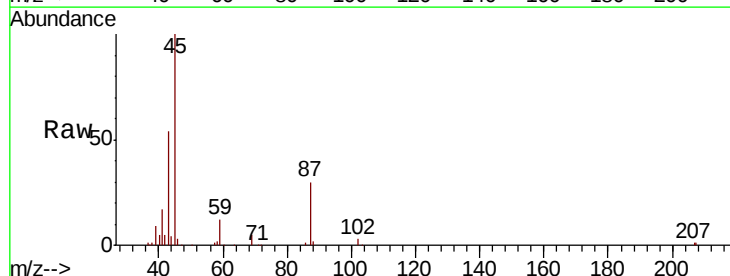
Ion Ratio Lower Upper

45 100

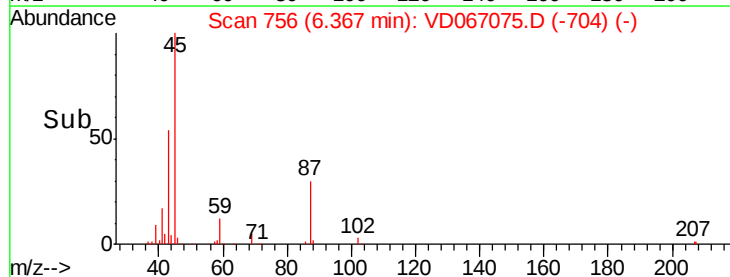
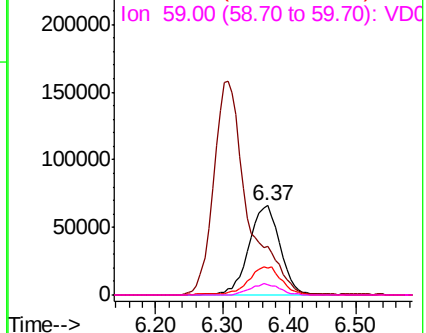
43 53.5 45.2 67.8

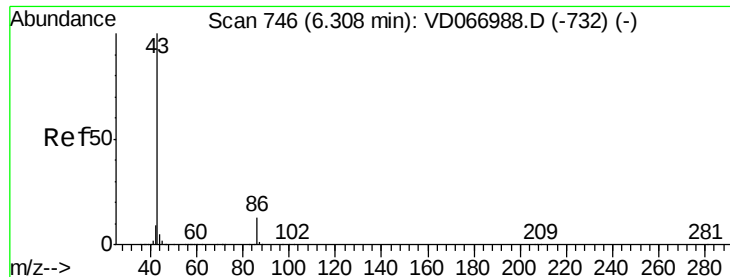
87 30.1 25.6 38.4

59 11.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 94.259 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

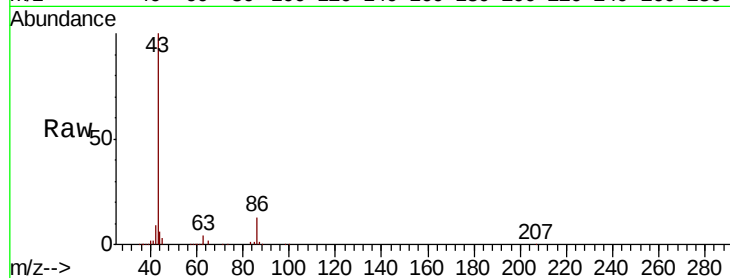
VD1005SBSD01

Tot Ion: 43 Resp: 562498

Ion Ratio Lower Upper

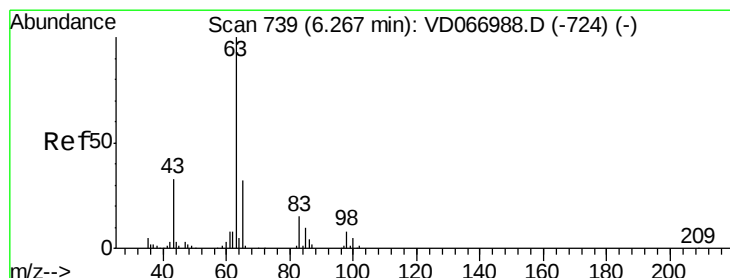
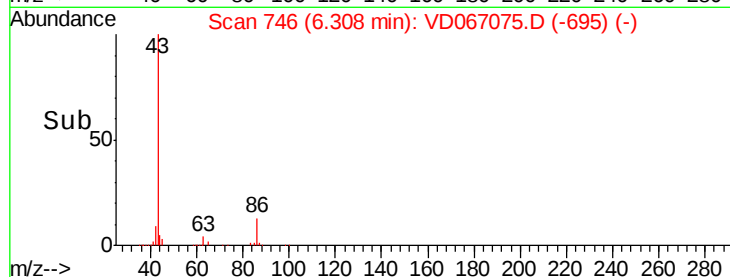
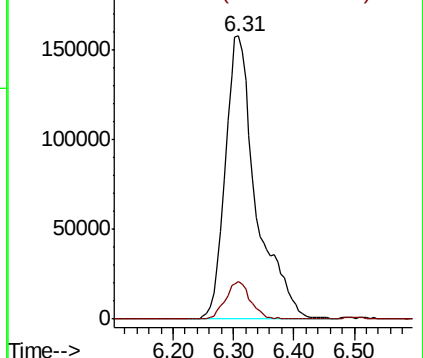
43 100

86 13.4 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.778 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

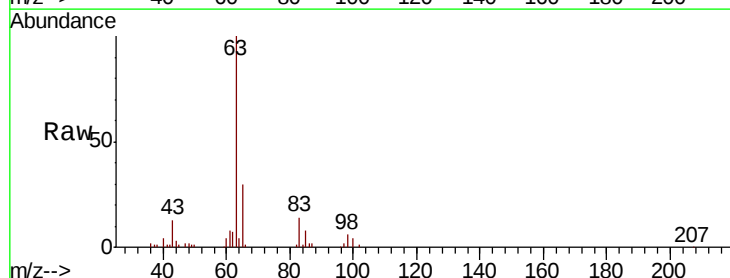
Tgt Ion: 63 Resp: 160738

Ion Ratio Lower Upper

63 100

98 5.8 4.2 12.6

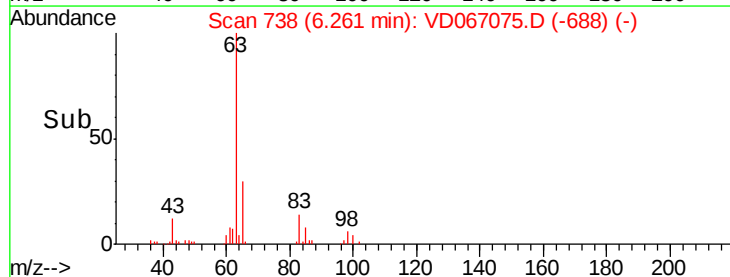
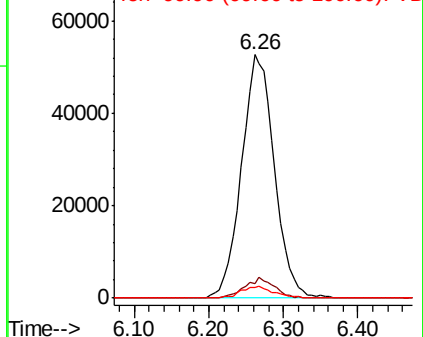
100 4.1 2.6 7.8

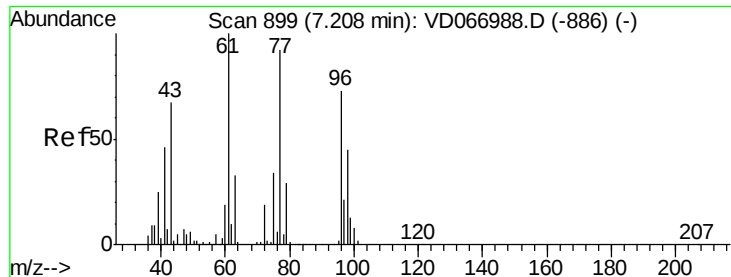


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

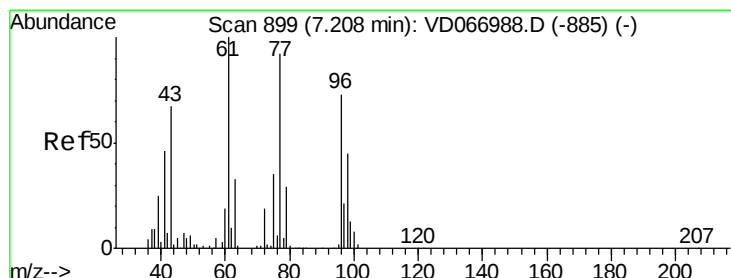
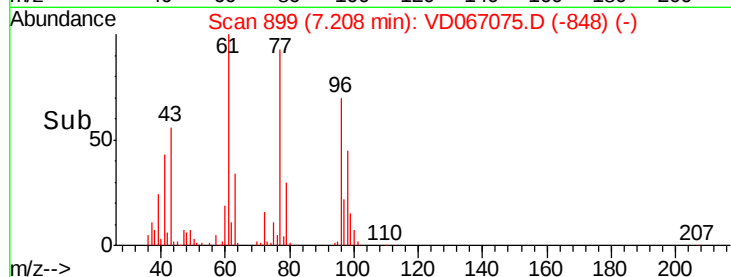
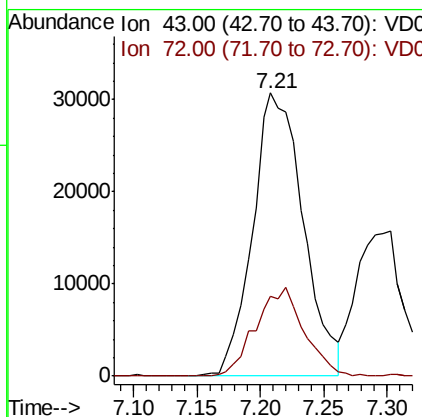
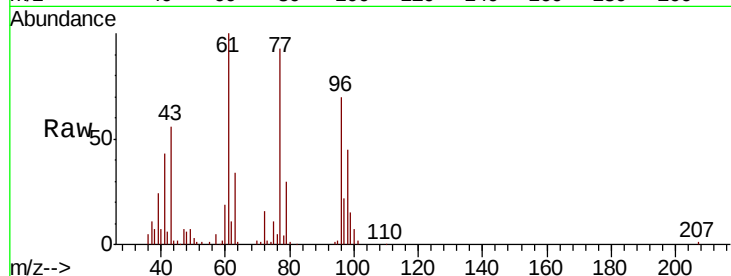




#25
2-Butanone
Concen: 87.246 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

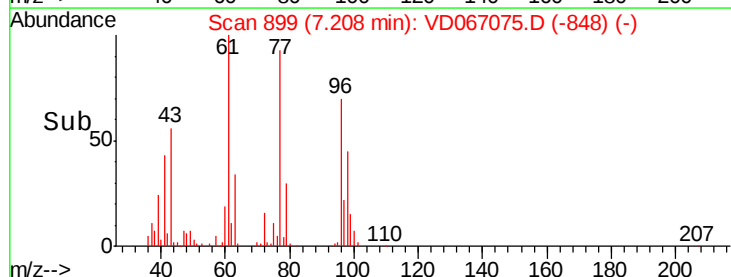
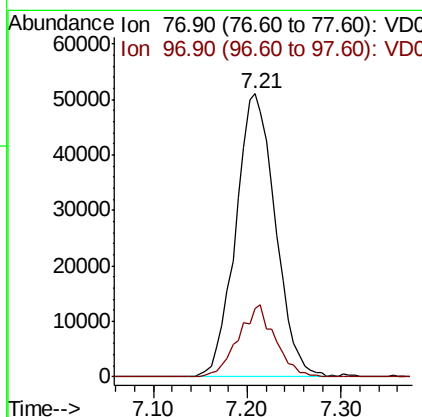
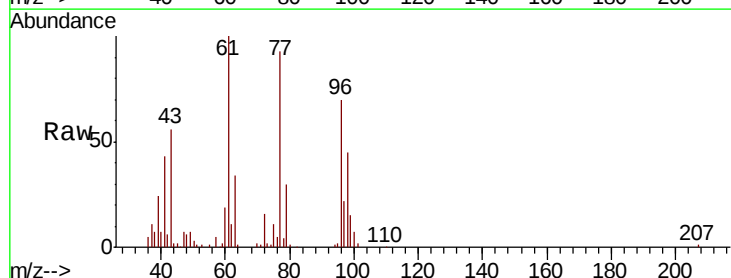
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

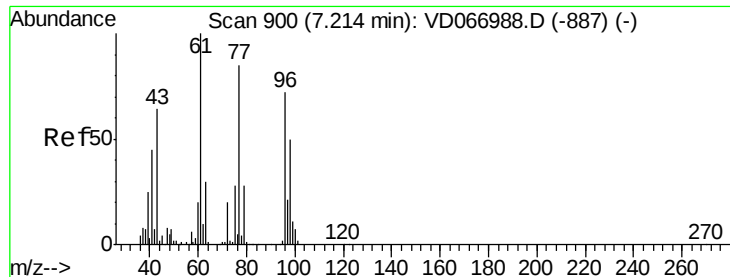
Tot Ion: 43 Resp: 85668
Ion Ratio Lower Upper
43 100
72 28.3 22.8 34.2



#26
2,2-Dichloropropane
Concen: 18.895 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 77 Resp: 149148
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2



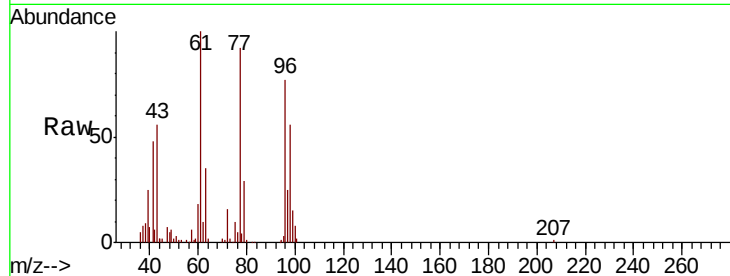


#27

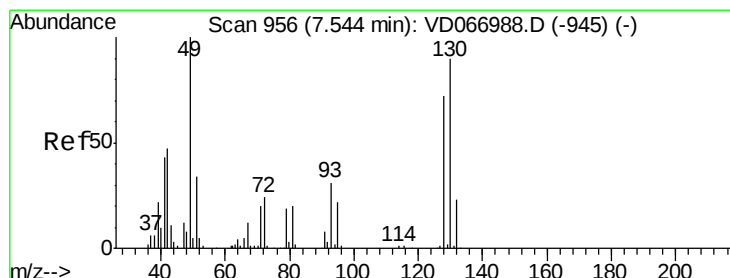
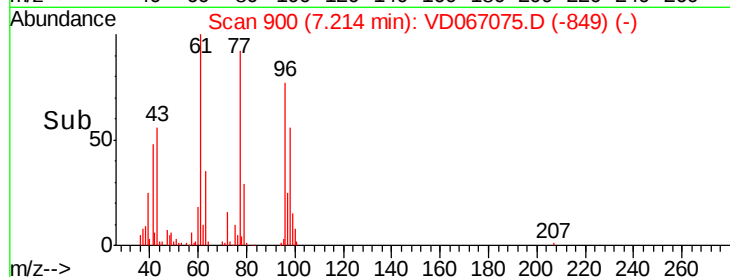
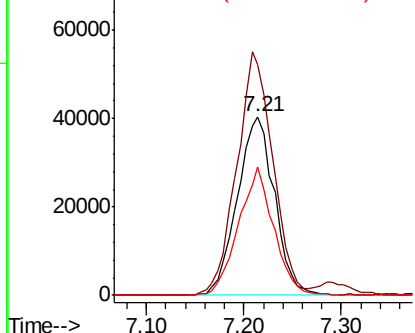
cis-1,2-Dichloroethene
Concen: 19.905 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

Tot Ion: 96 Resp: 107424
Ion Ratio Lower Upper
96 100
61 132.3 0.0 269.2
98 67.6 0.0 129.4



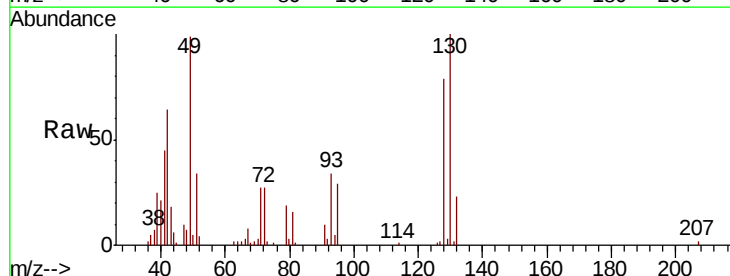
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



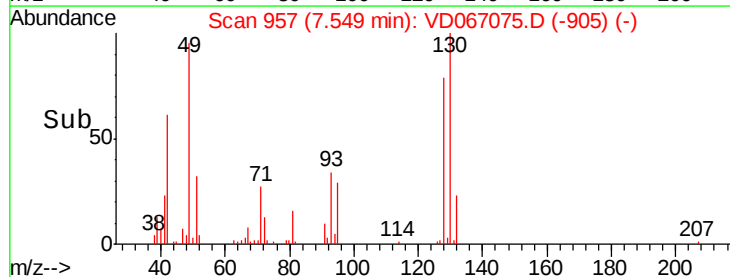
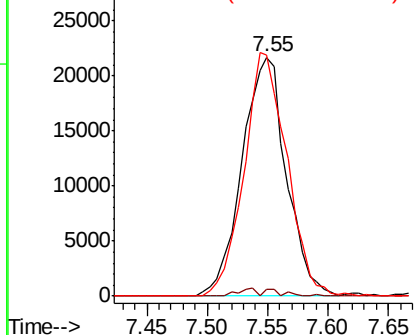
#28

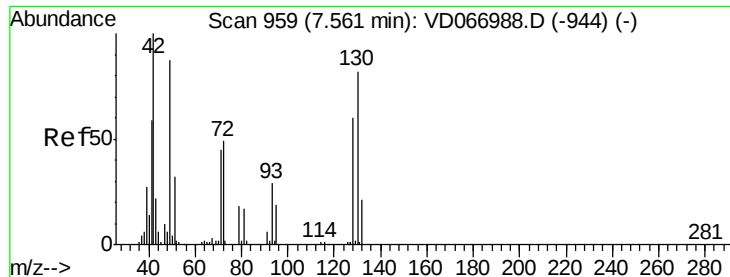
Bromochloromethane
Concen: 17.648 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 49 Resp: 55391
Ion Ratio Lower Upper
49 100
129 1.2 0.0 4.6
130 98.3 74.1 111.1



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

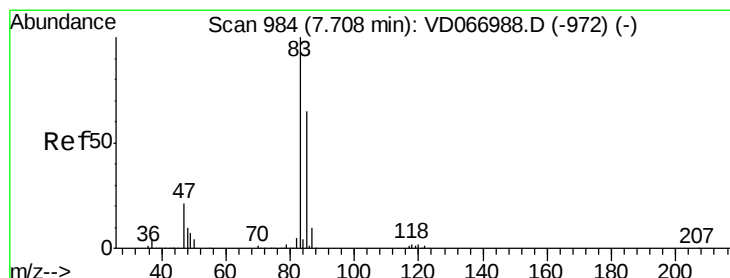
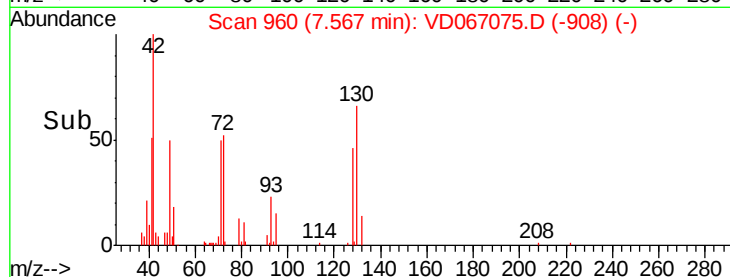
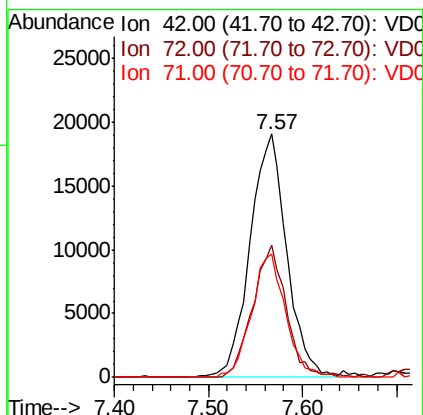
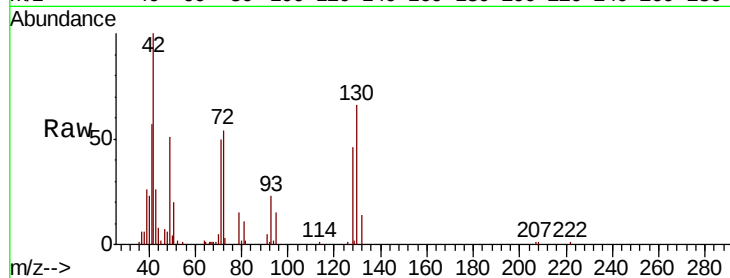




#29
Tetrahydrofuran
Concen: 91.329 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

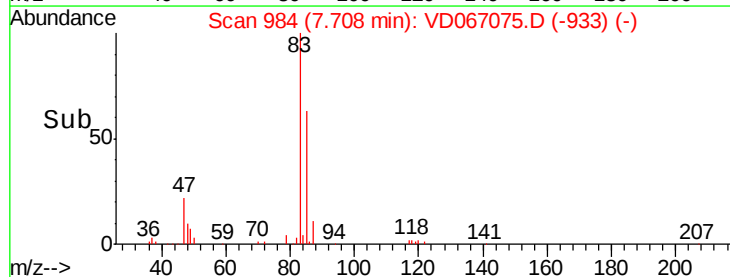
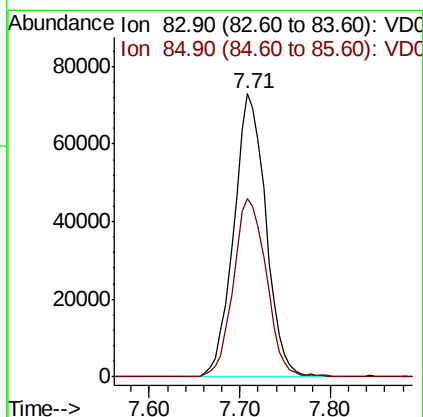
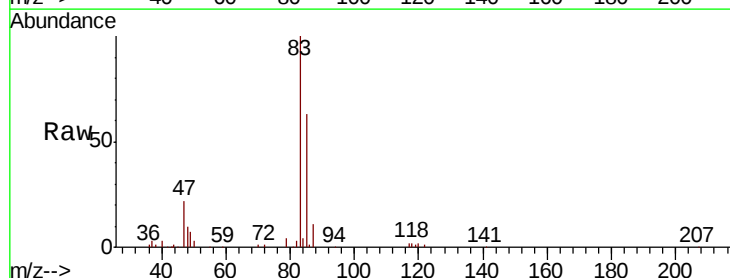
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

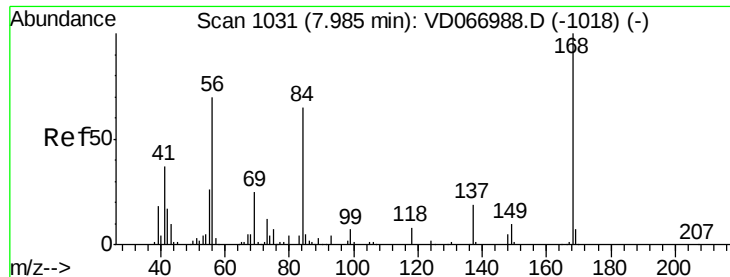
Tot Ion: 42 Resp: 51564
Ion Ratio Lower Upper
42 100
72 49.1 39.1 58.7
71 47.0 34.2 51.4



#30
Chloroform
Concen: 20.344 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 83 Resp: 179357
Ion Ratio Lower Upper
83 100
85 63.2 52.3 78.5

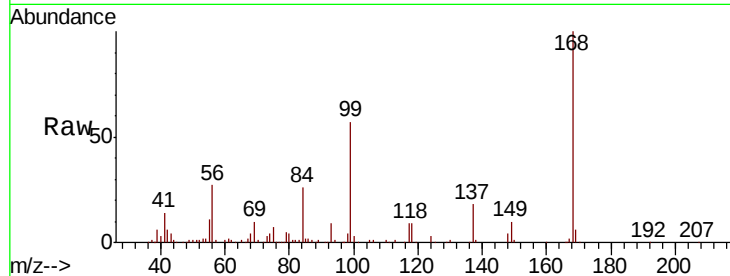




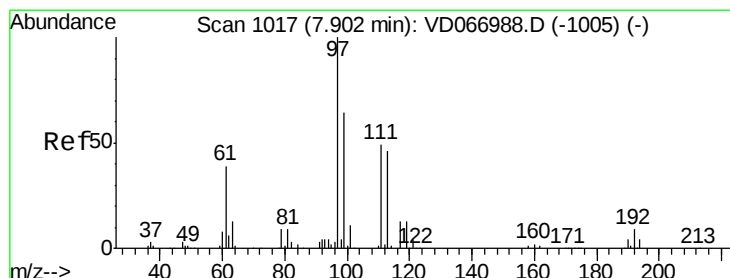
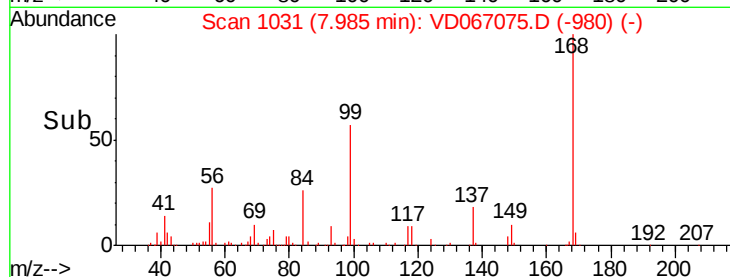
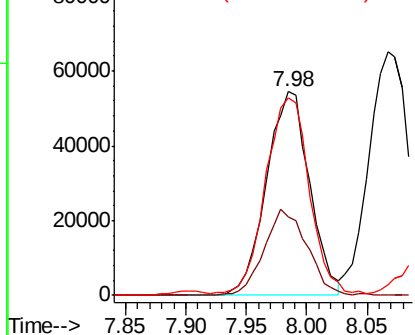
#31
Cyclohexane
Concen: 19.851 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

Tot Ion: 56 Resp: 135261
Ion Ratio Lower Upper
56 100
69 38.3 29.0 43.6
84 94.3 74.2 111.2

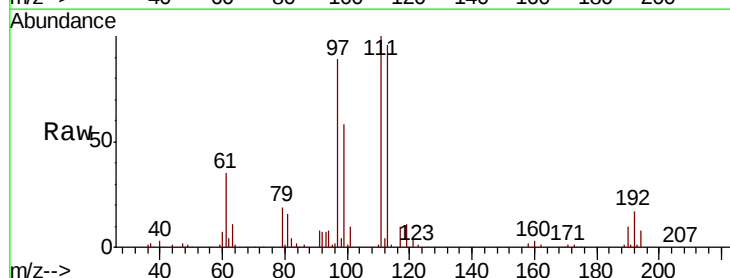


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

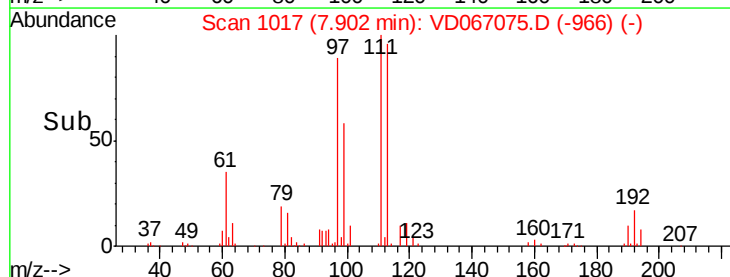
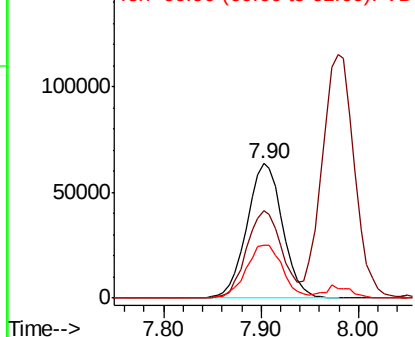


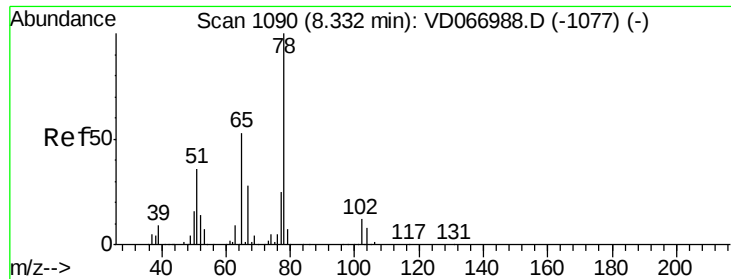
#32
1,1,1-Trichloroethane
Concen: 19.852 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 97 Resp: 162204
Ion Ratio Lower Upper
97 100
99 63.9 52.6 78.8
61 40.2 32.8 49.2



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: 45.548 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

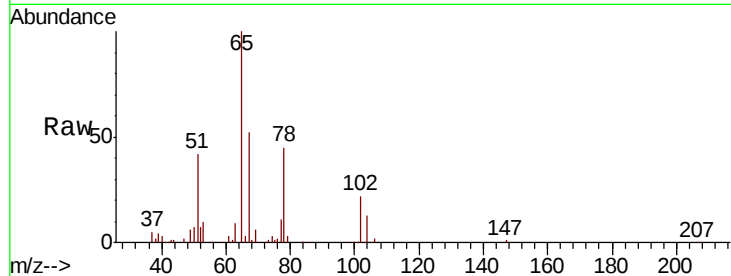
VD1005SBS01

Tot Ion: 65 Resp: 206654

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

60000

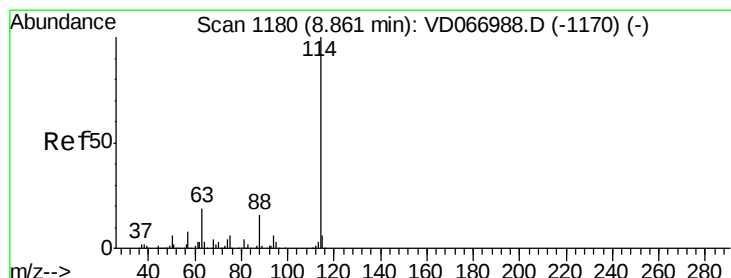
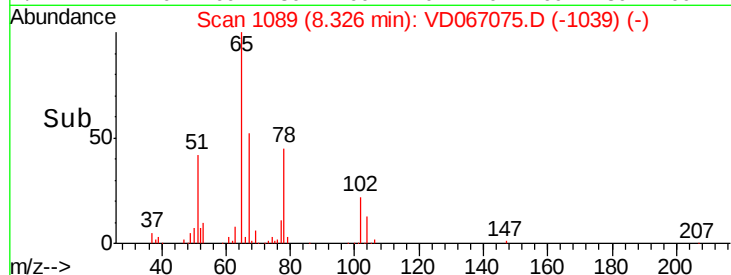
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

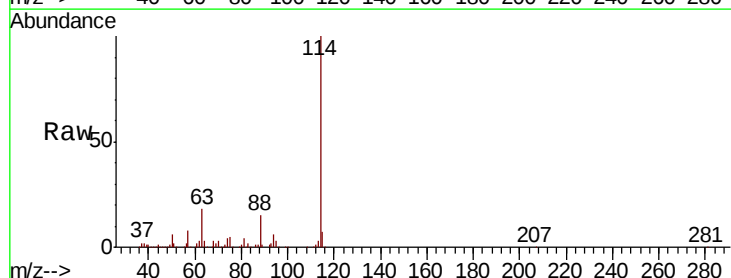
Tgt Ion: 114 Resp: 714108

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 14.8 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

400000

300000

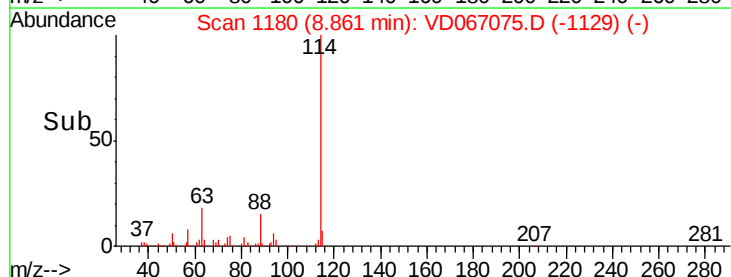
200000

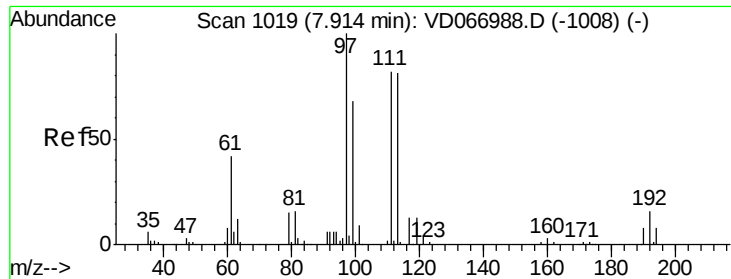
100000

0

8.80 8.90 9.00

Time-->

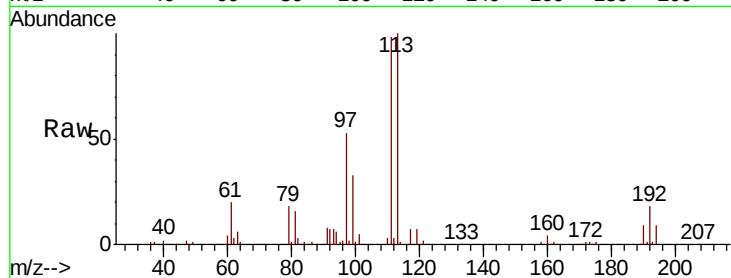




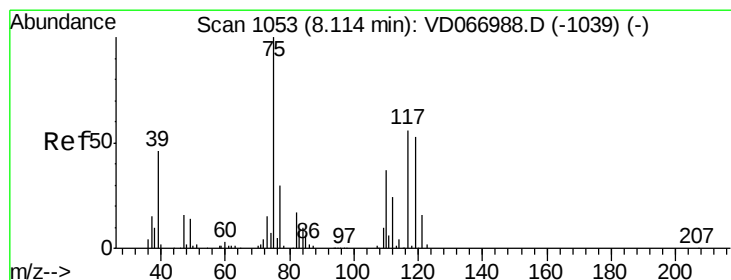
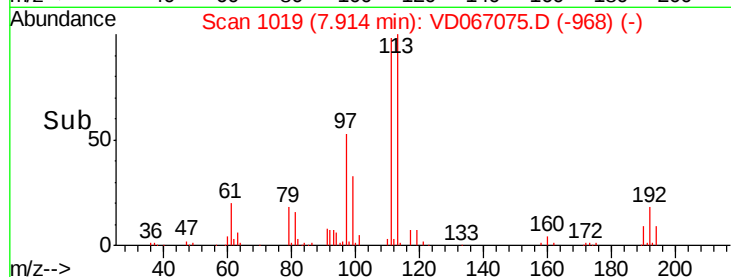
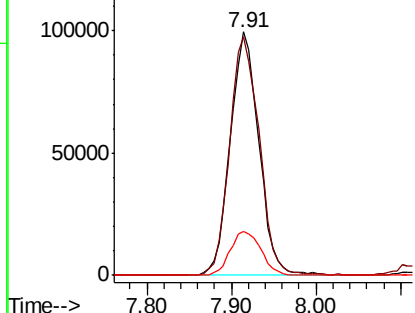
#35
 Dibromofluoromethane
 Concen: 49.593 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.4
192	19.5	15.5	23.3

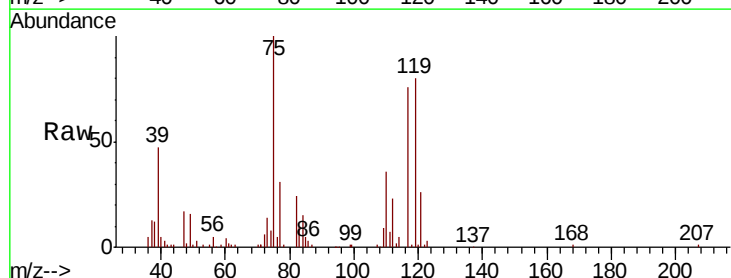


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

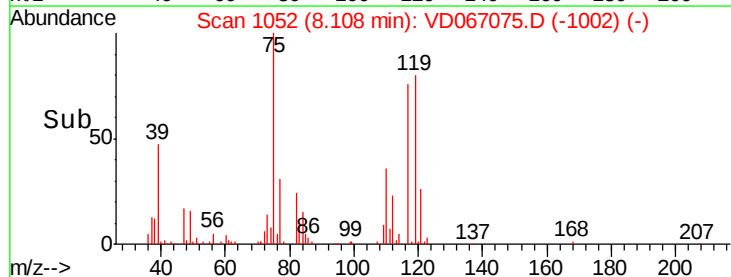
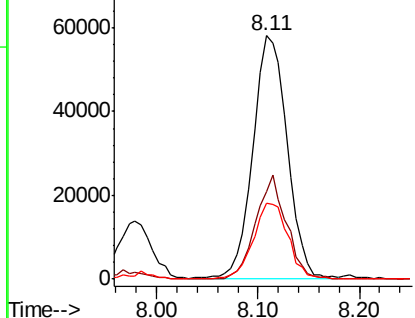


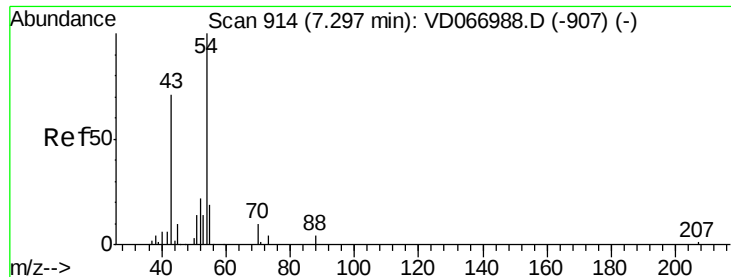
#36
 1,1-Dichloropropene
 Concen: 20.413 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.1	18.4	55.0
77	31.9	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

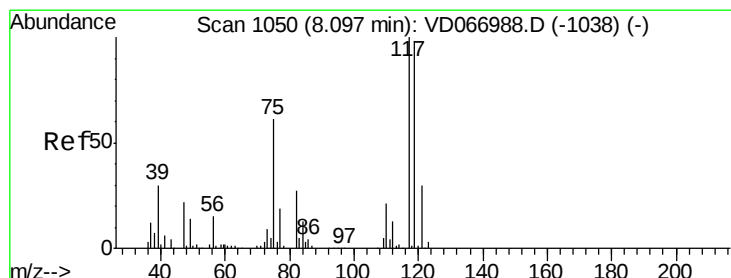
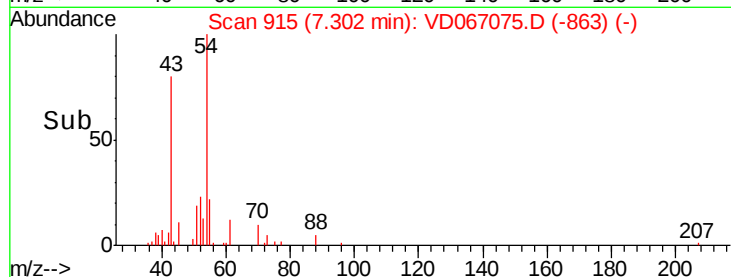
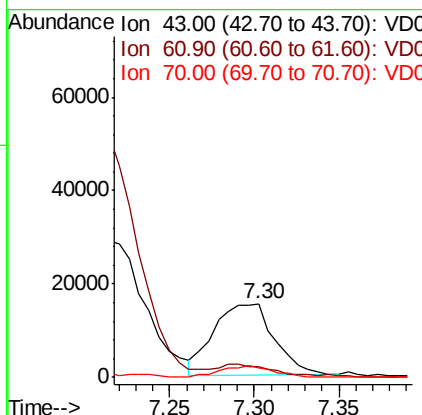
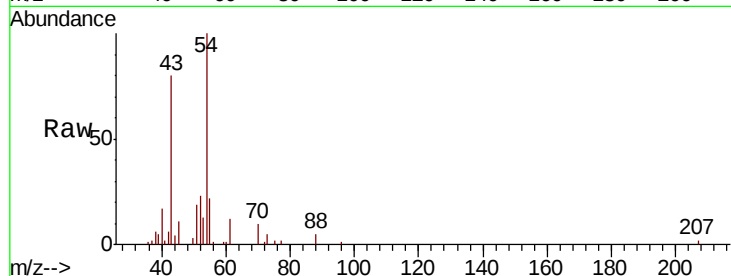




#37
Ethyl Acetate
Concen: 16.412 ug/l
RT: 7.30 min Scan# 915
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

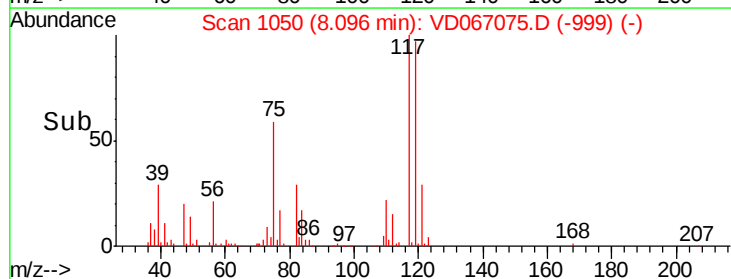
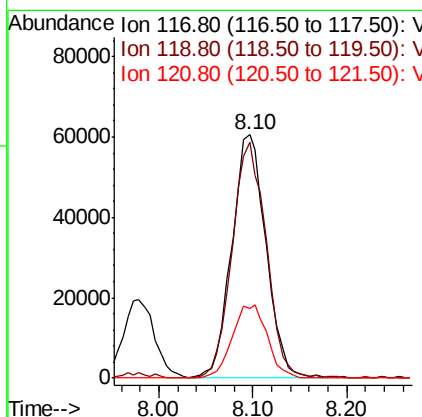
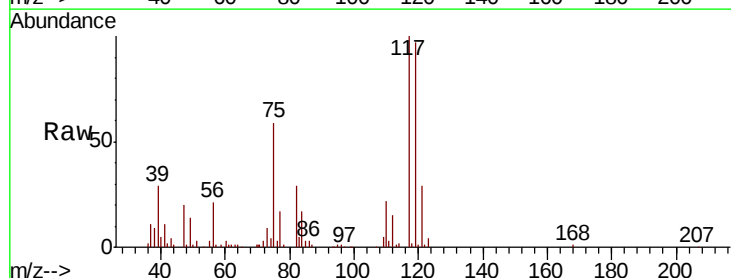
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

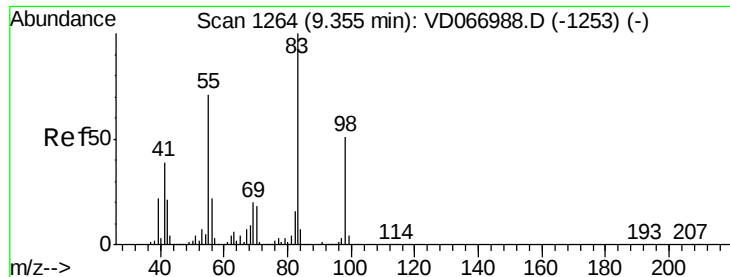
Tot Ion: 43 Resp: 37844
Ion Ratio Lower Upper
43 100
61 19.8 12.5 18.7#
70 14.4 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 21.293 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 117 Resp: 153351
Ion Ratio Lower Upper
117 100
119 96.7 78.7 118.1
121 28.5 24.2 36.2

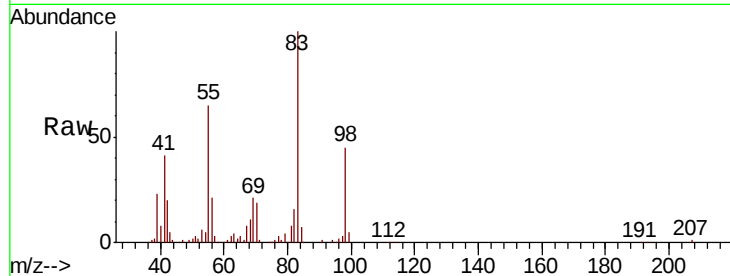




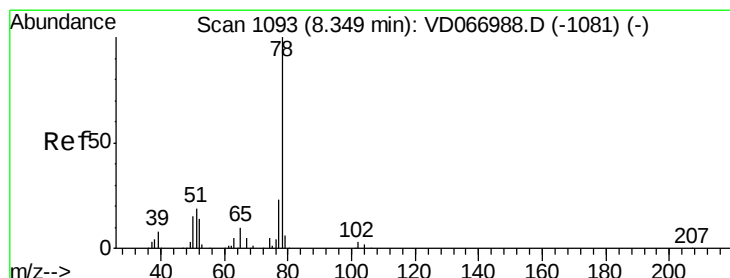
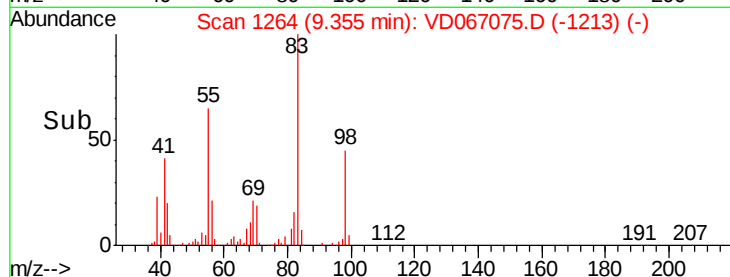
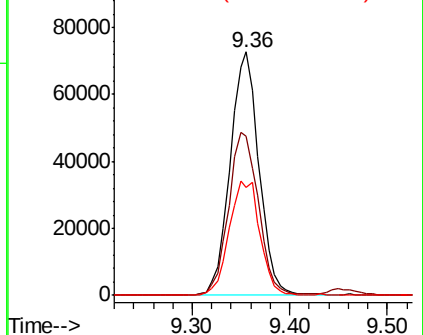
#39
Methvlcvclohexane
Concen: 21.204 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

Tot Ion: 83 Resp: 149216
Ion Ratio Lower Upper
83 100
55 65.4 57.1 85.7
98 44.6 40.9 61.3

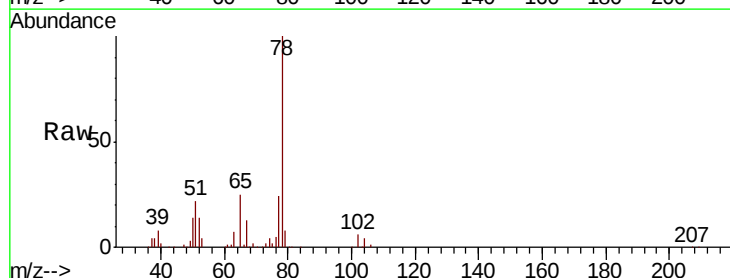


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

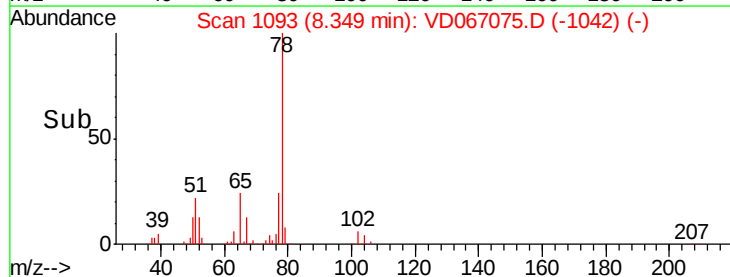
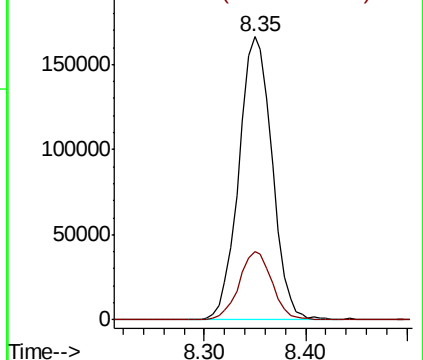


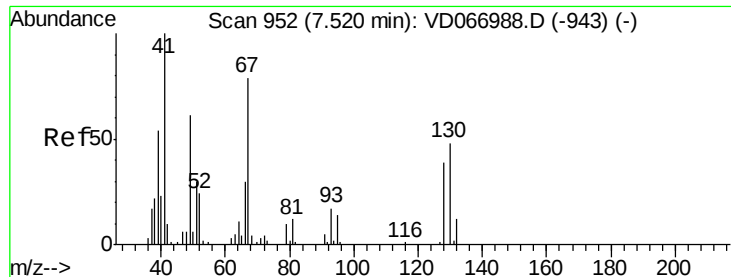
#40
Benzene
Concen: 20.453 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 78 Resp: 378134
Ion Ratio Lower Upper
78 100
77 24.0 18.4 27.6



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

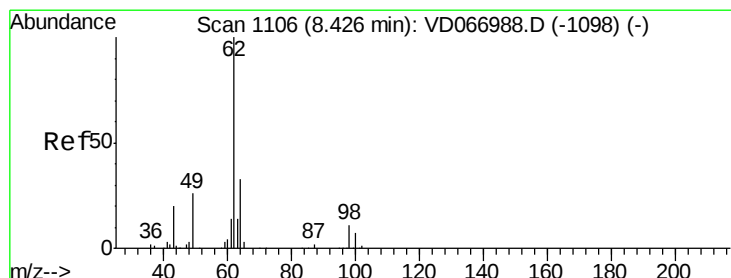
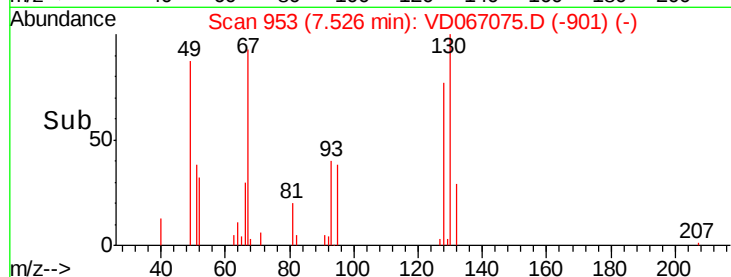
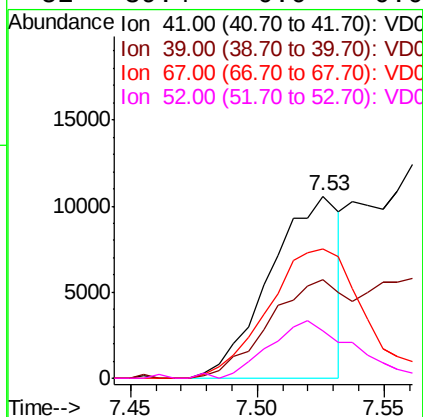
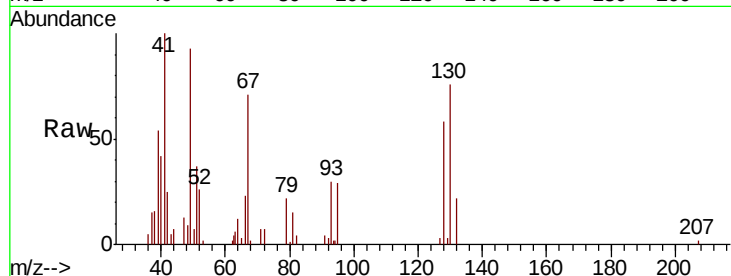




#41
Methacrylonitrile
Concen: 16.305 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

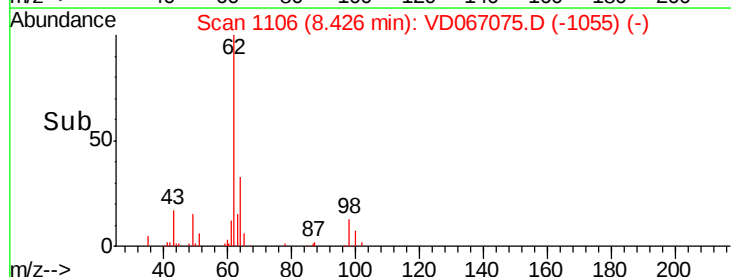
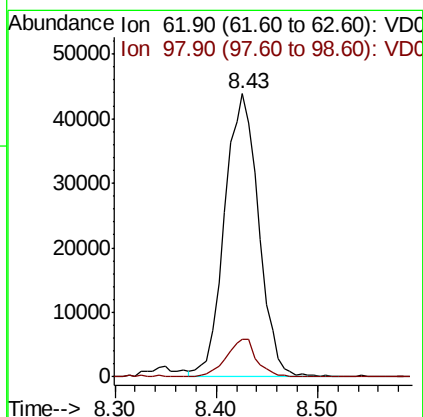
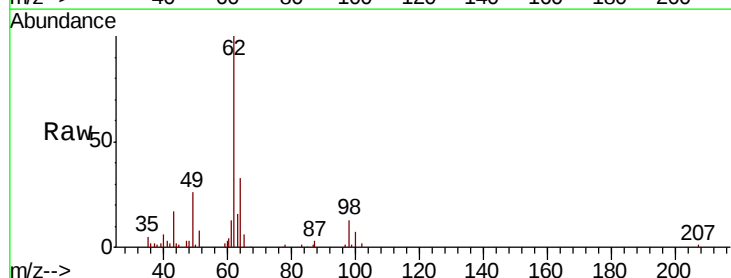
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

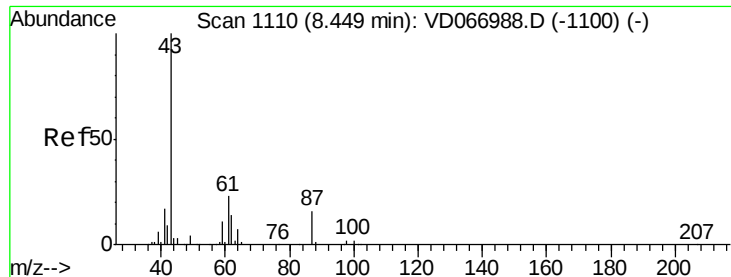
Tot Ion:	41	Resp:	20312
Ion	Ratio	Lower	Upper
41	100		
39	61.8	0.0	0.0#
67	96.5	0.0	0.0#
52	39.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.747 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion:	62	Resp:	102016
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.6





#43

Isopropyl Acetate

Concen: 18.890 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

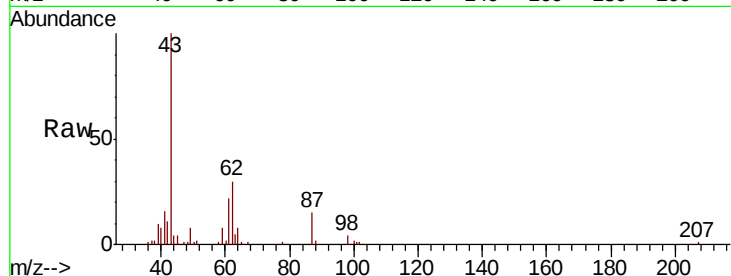
Tot Ion: 43 Resp: 80245

Ion Ratio Lower Upper

43 100

61 33.5 27.1 40.7

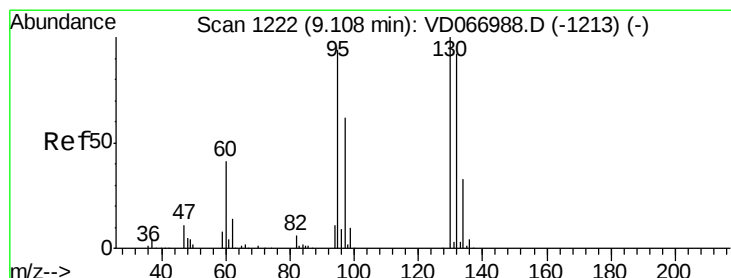
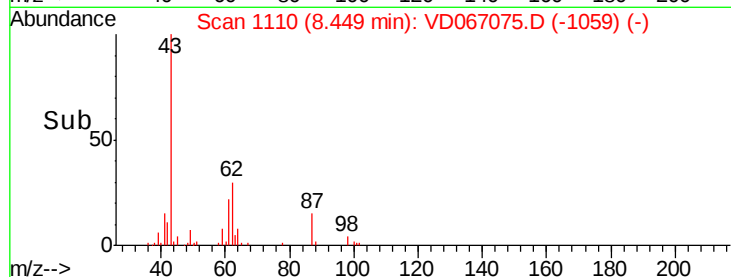
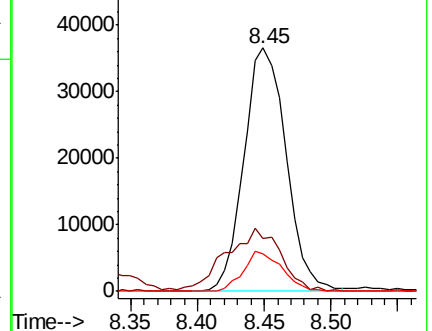
87 15.0 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.078 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD067075.D

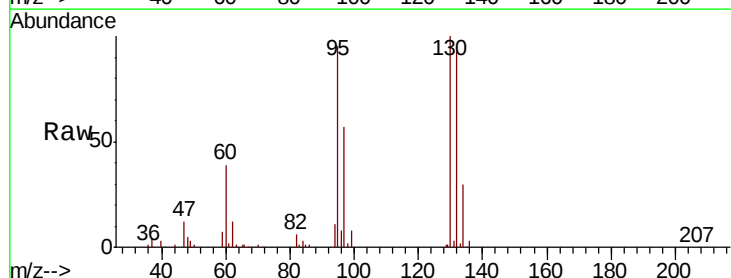
Acq: 05 Oct 2020 11:24

Tgt Ion: 130 Resp: 116364

Ion Ratio Lower Upper

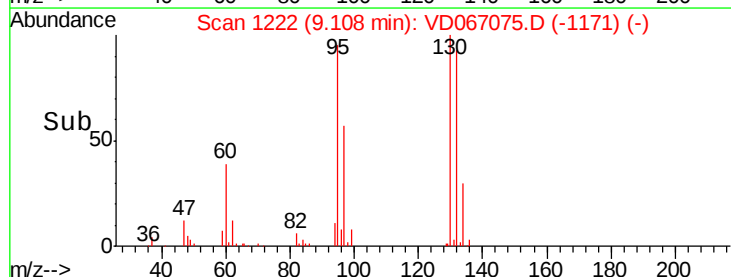
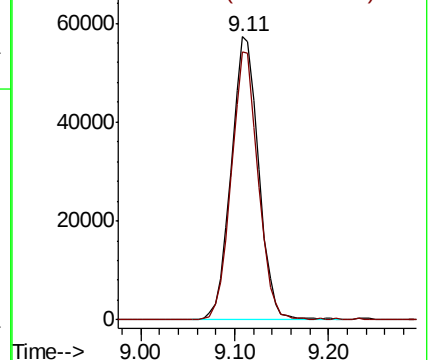
130 100

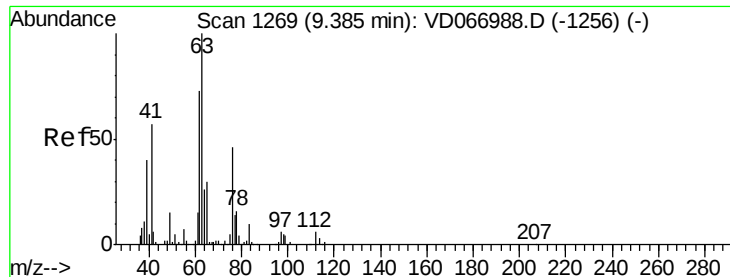
95 94.8 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.062 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

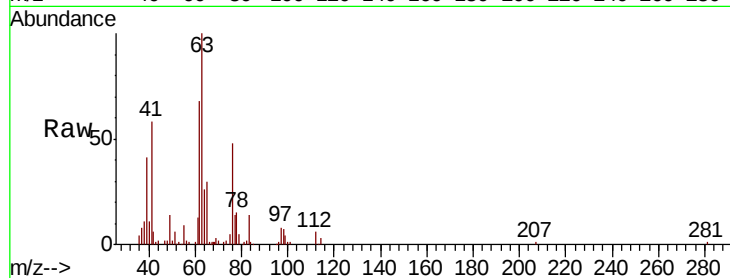
VD1005SBSD01

Tot Ion: 63 Resp: 91494

Ion Ratio Lower Upper

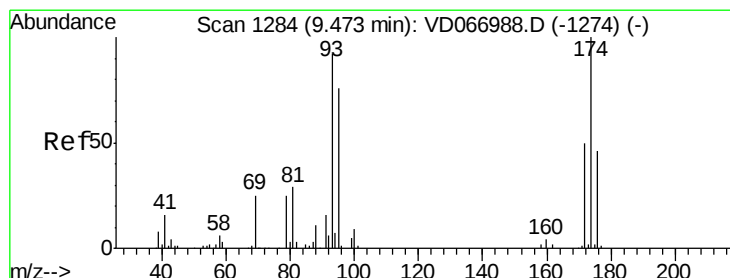
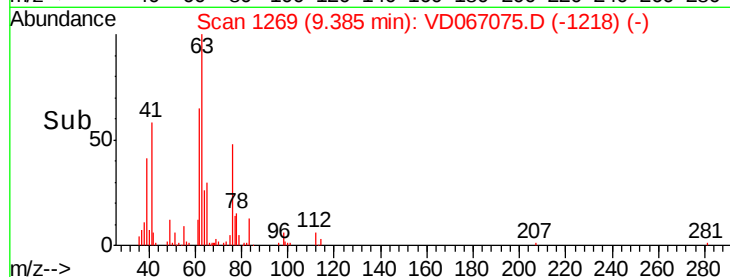
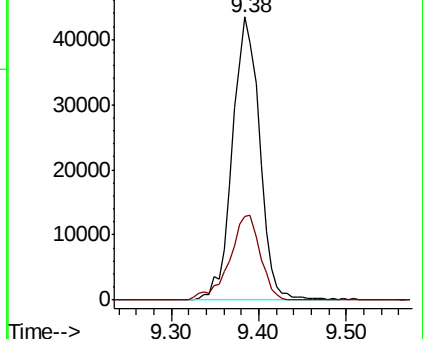
63 100

65 29.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.302 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

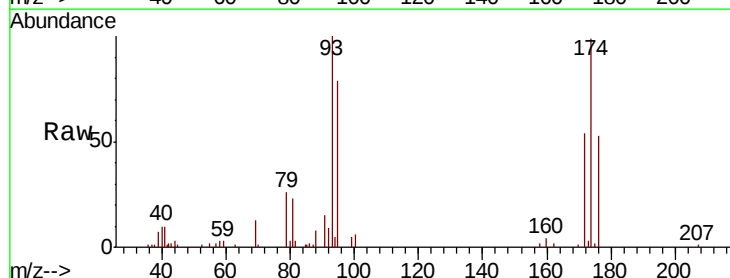
Tgt Ion: 93 Resp: 50689

Ion Ratio Lower Upper

93 100

95 82.0 64.7 97.1

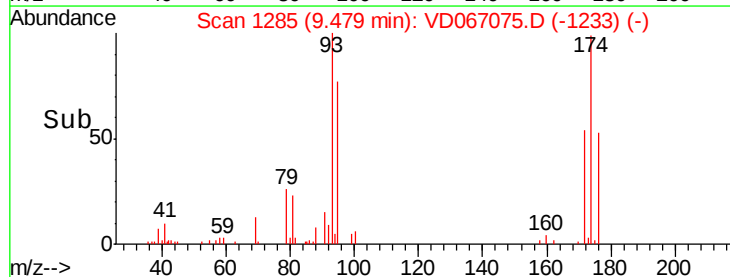
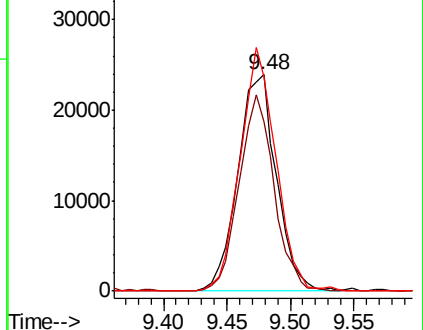
174 104.1 81.4 122.2

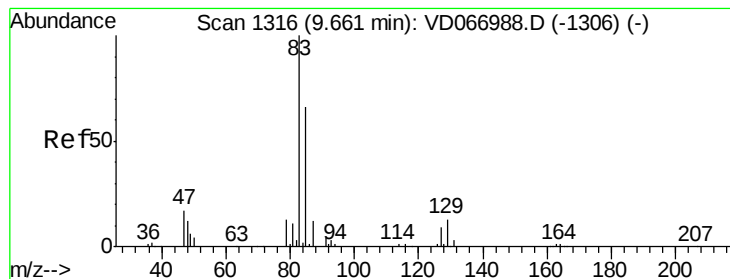


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.272 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBSD01

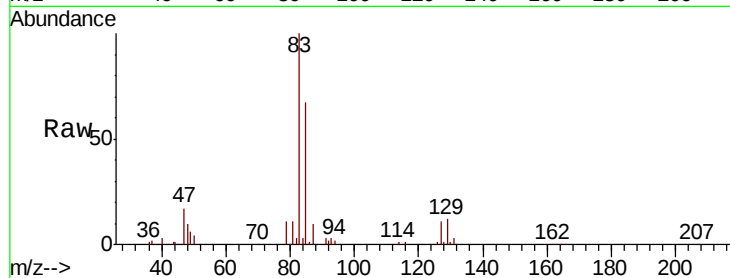
Tot Ion: 83 Resp: 131567

Ion Ratio Lower Upper

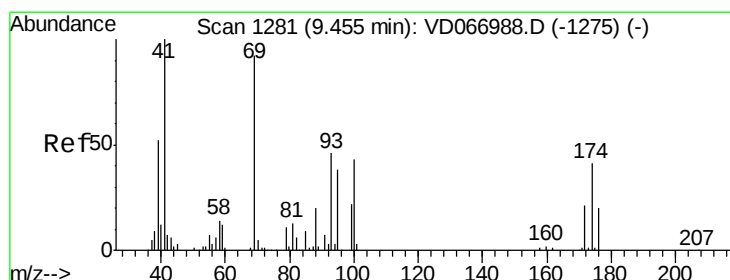
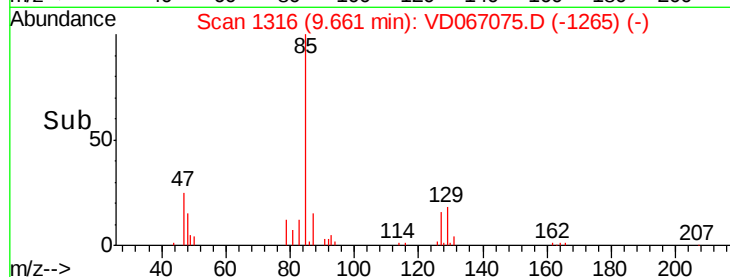
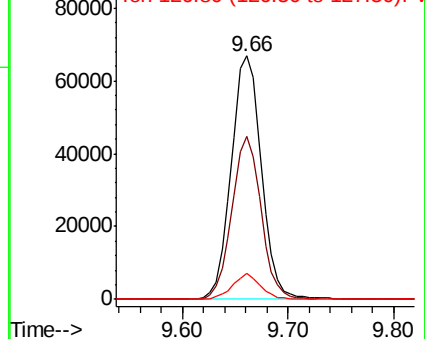
83 100

85 66.9 52.9 79.3

127 10.5 7.3 10.9



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): V



#48

Methyl methacrylate

Concen: 20.222 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

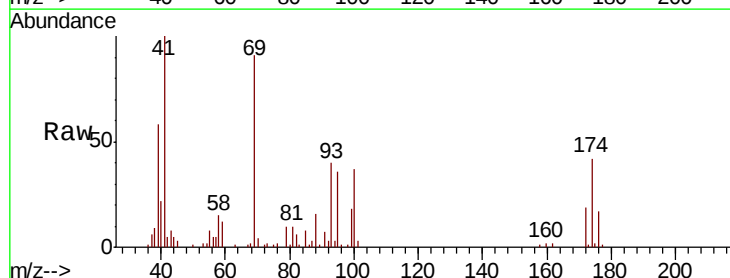
Tgt Ion: 41 Resp: 44009

Ion Ratio Lower Upper

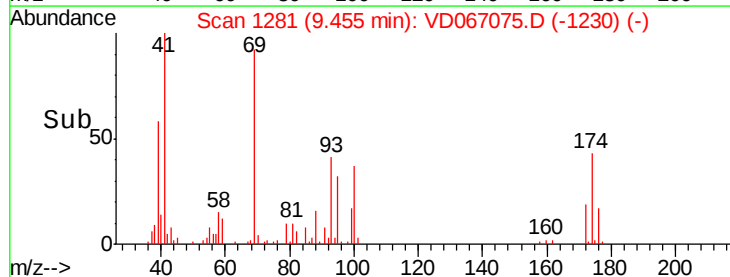
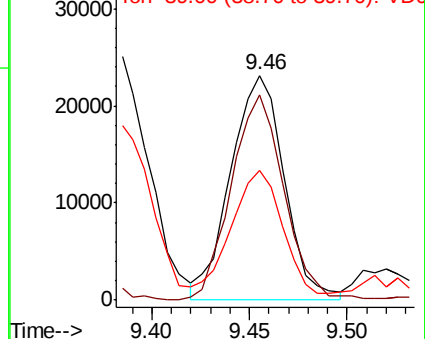
41 100

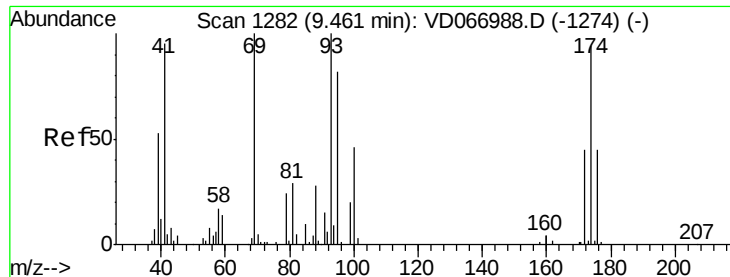
69 90.1 68.5 102.7

39 50.7 40.2 60.2



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

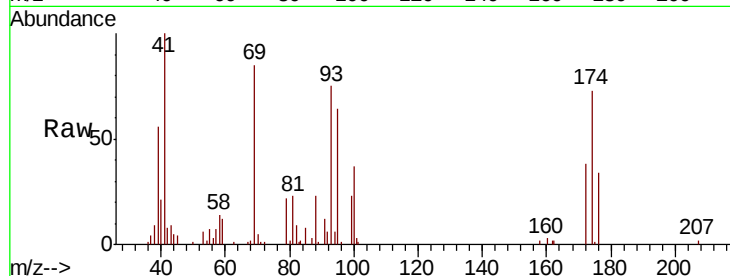




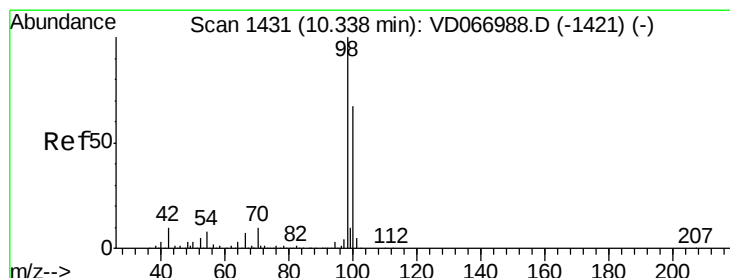
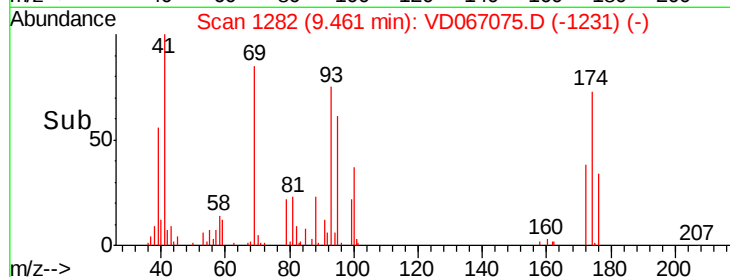
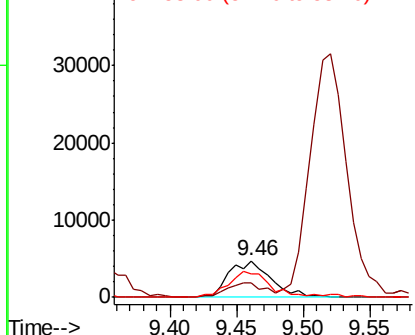
#49
1,4-Dioxane
Concen: 396.502 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

Tot Ion: 88 Resp: 10332
Ion Ratio Lower Upper
88 100
43 35.8 25.6 38.4
58 68.3 53.5 80.3

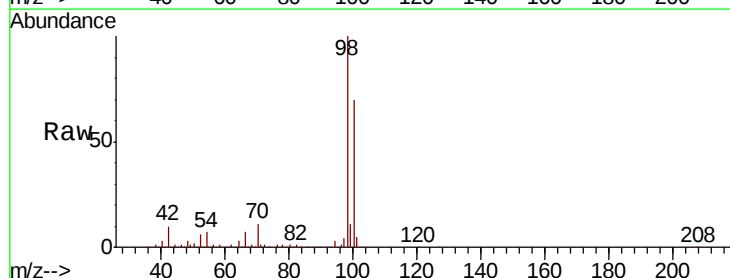


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

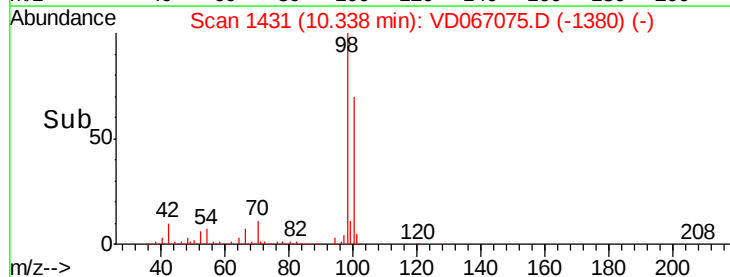
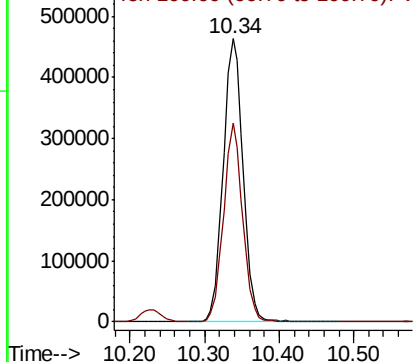


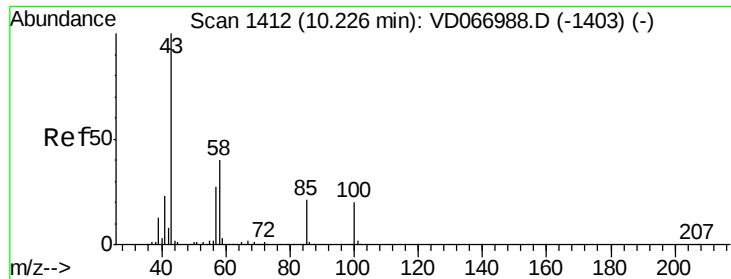
#50
Toluene-d8
Concen: 50.439 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 98 Resp: 859258
Ion Ratio Lower Upper
98 100
100 67.3 52.8 79.2



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: 94.908 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

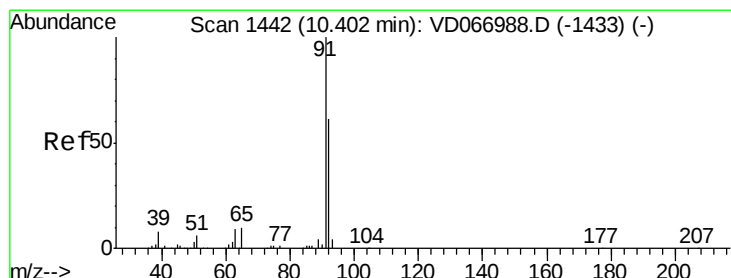
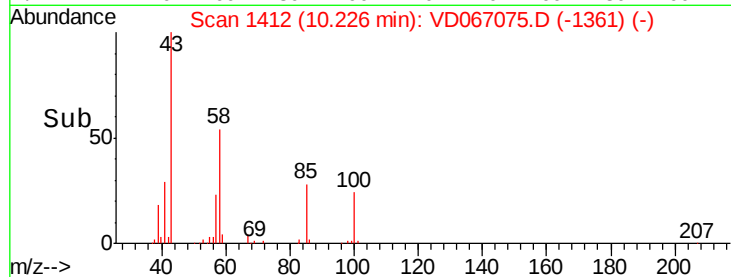
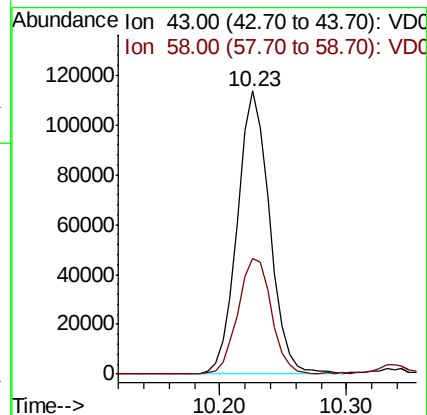
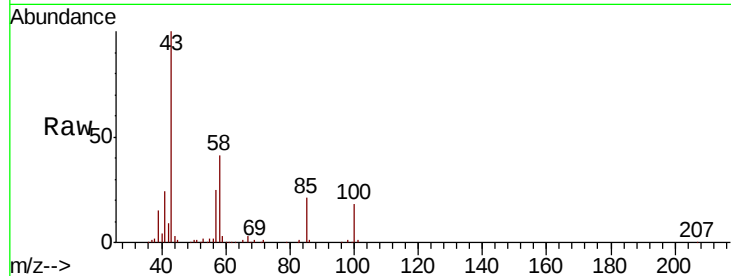
VD1005SBS01

Tot Ion: 43 Resp: 200817

Ion Ratio Lower Upper

43 100

58 42.2 33.8 50.8



#52

Toluene

Concen: 21.546 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD067075.D

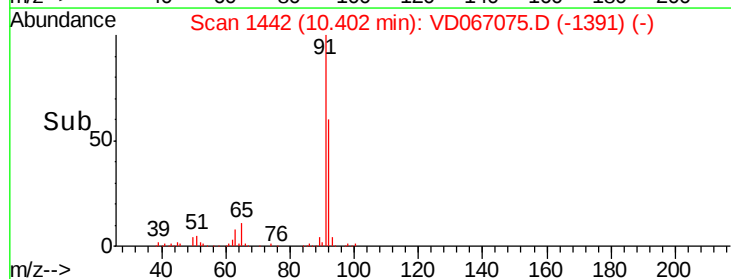
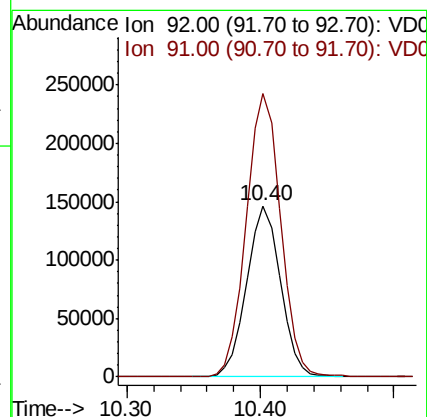
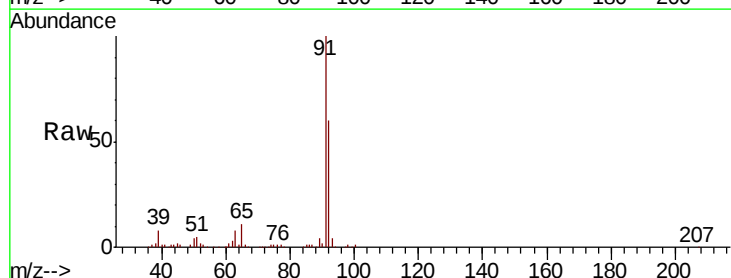
Acq: 05 Oct 2020 11:24

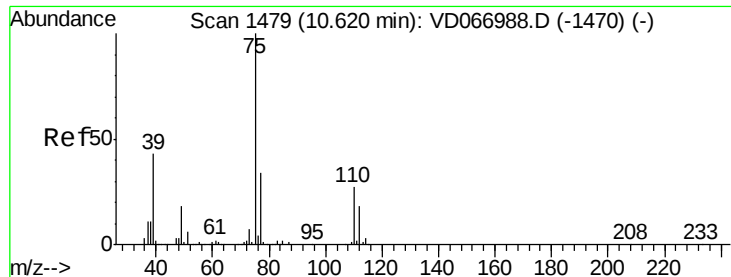
Tgt Ion: 92 Resp: 256604

Ion Ratio Lower Upper

92 100

91 168.9 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 19.838 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

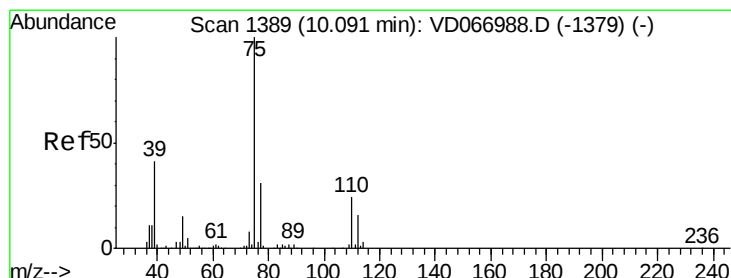
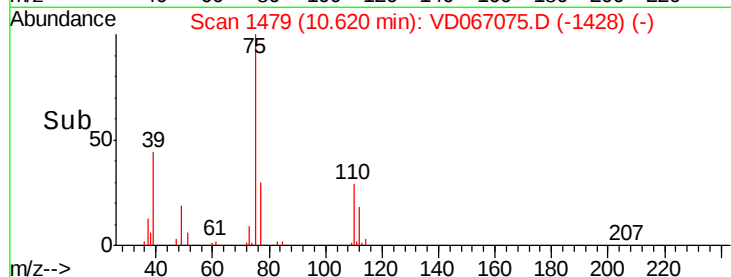
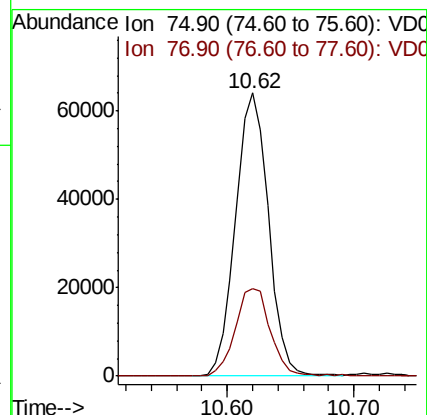
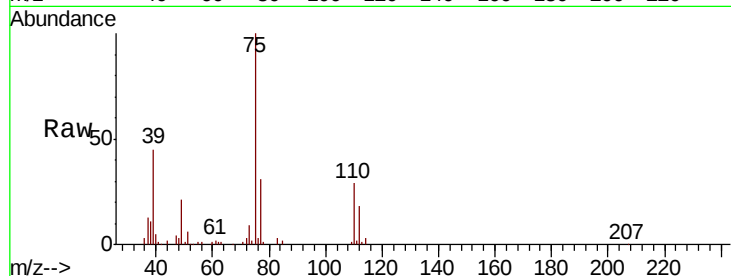
VD1005SBSD01

Tot Ion: 75 Resp: 115066

Ion Ratio Lower Upper

75 100

77 30.9 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 20.352 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

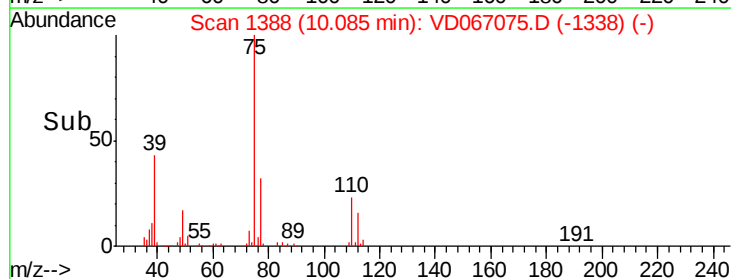
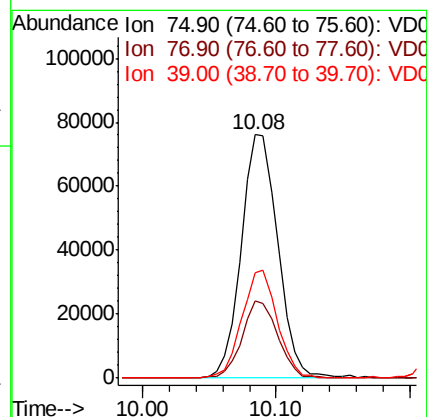
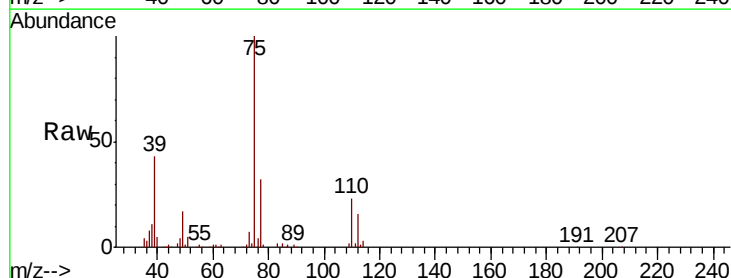
Tgt Ion: 75 Resp: 144153

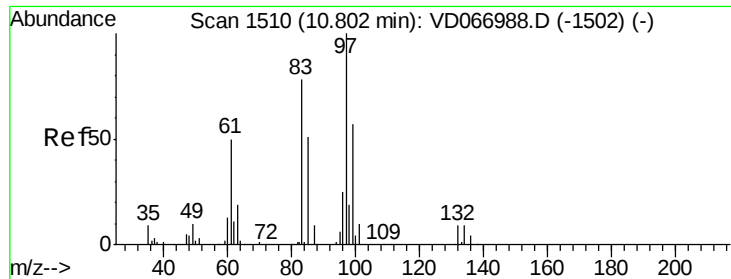
Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 43.2 33.0 49.4

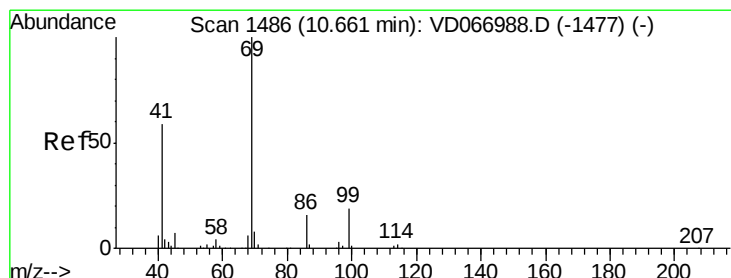
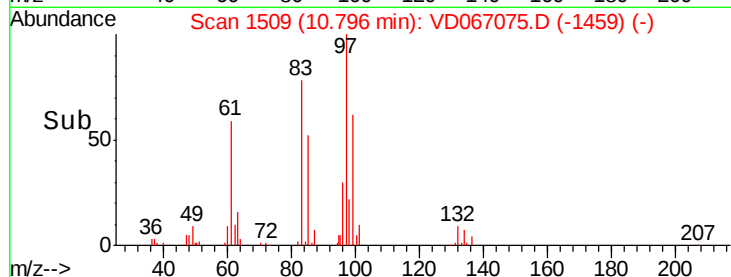
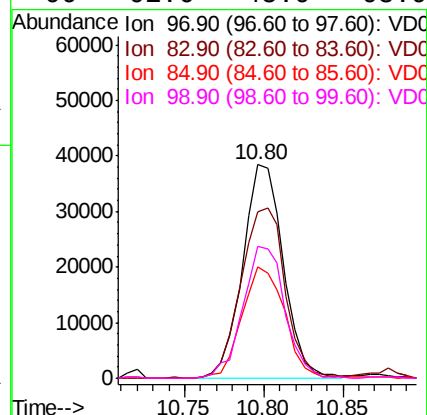
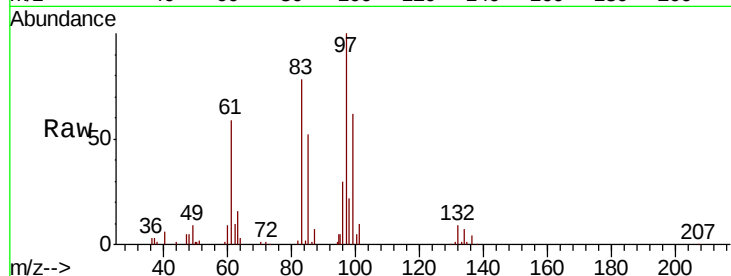




#55
 1,1,2-Trichloroethane
 Concen: 19.799 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

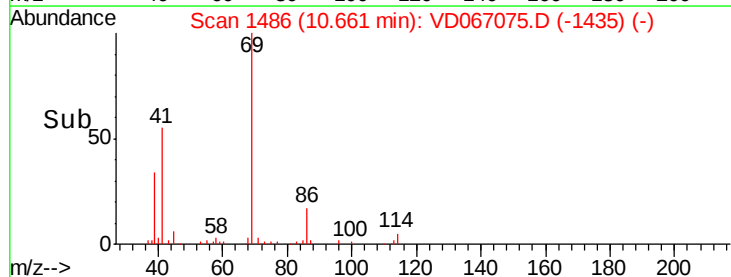
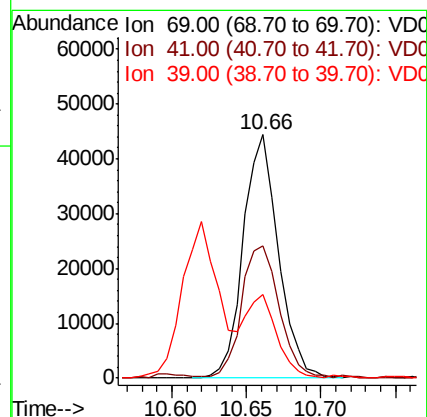
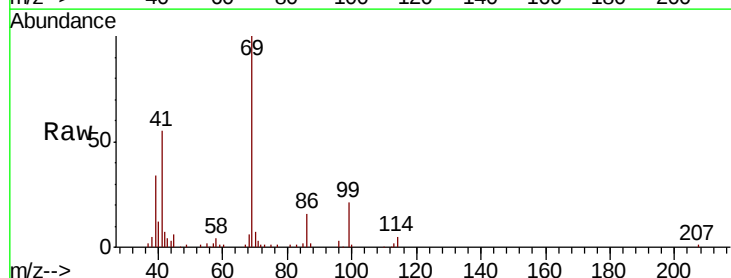
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBSD01

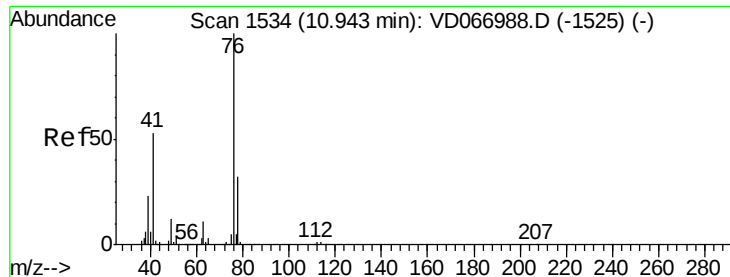
Tot Ion:	97	Resp:	68726
Ion	Ratio	Lower	Upper
97	100		
83	77.8	62.4	93.6
85	51.9	41.0	61.4
99	61.6	45.9	68.9



#56
 Ethyl methacrylate
 Concen: 20.271 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Tgt Ion:	69	Resp:	72646
Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.4	69.6
39	30.1	23.8	35.6





#57

1,3-Dichloropropane

Concen: 19.828 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

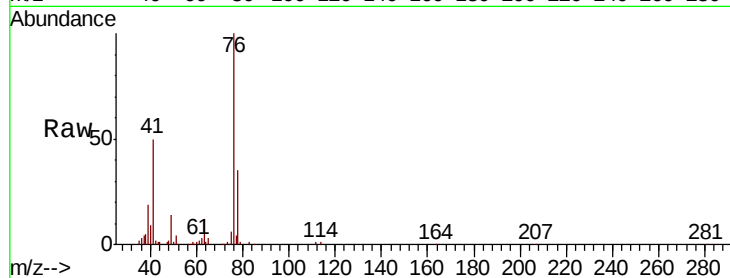
VD1005SBSD01

Tot Ion: 76 Resp: 111613

Ion Ratio Lower Upper

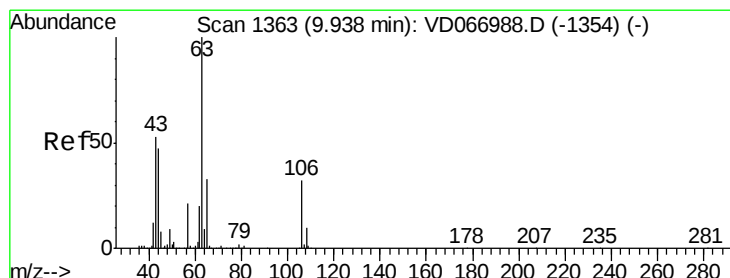
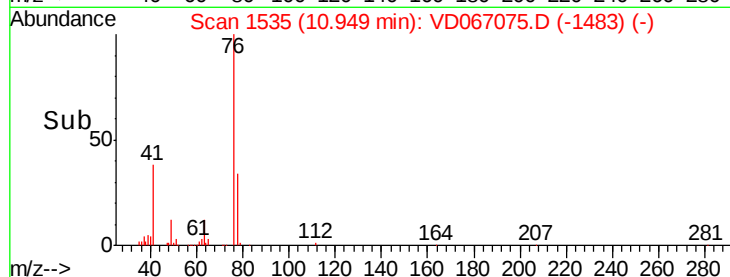
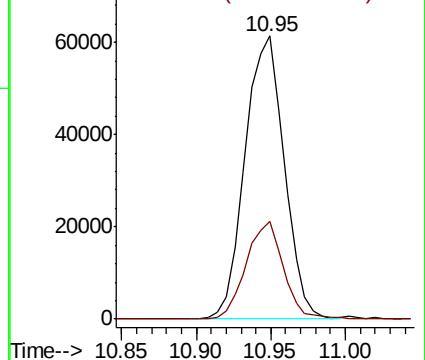
76 100

78 33.0 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 98.050 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD067075.D

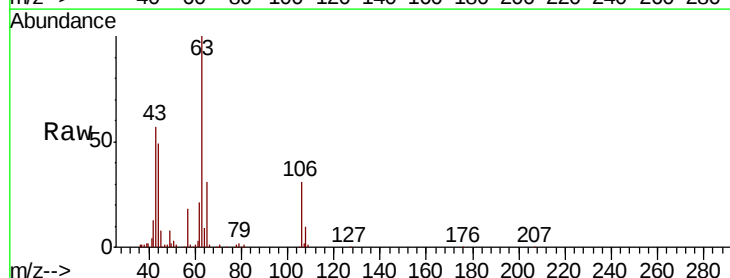
Acq: 05 Oct 2020 11:24

Tgt Ion: 63 Resp: 195579

Ion Ratio Lower Upper

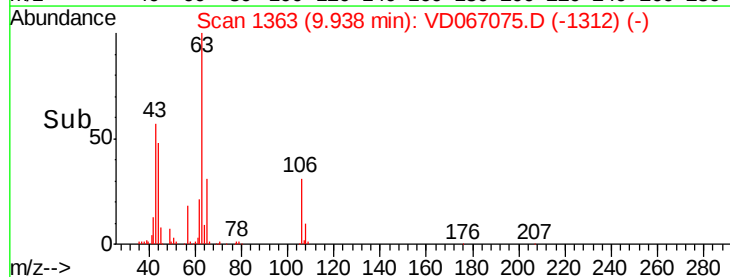
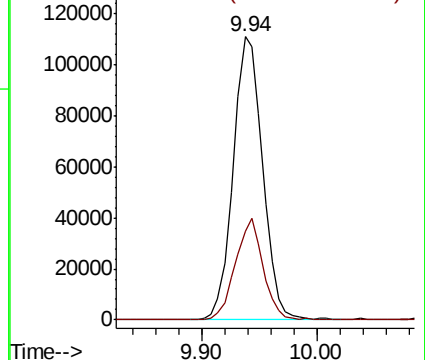
63 100

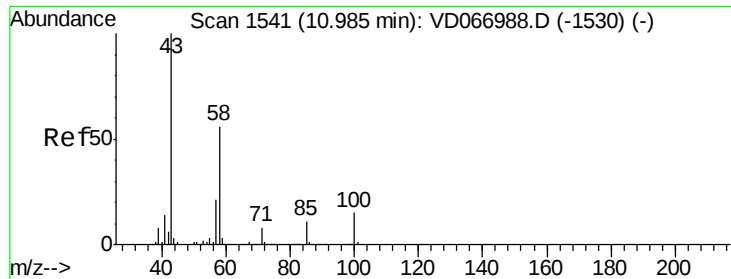
106 33.8 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

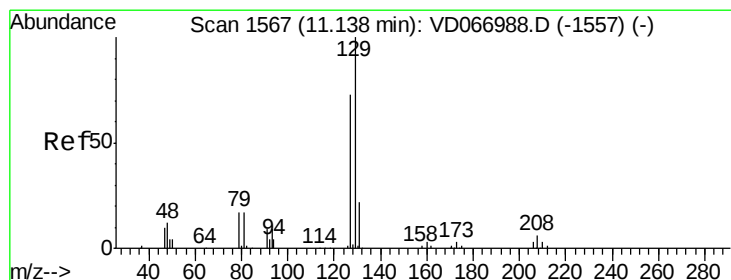
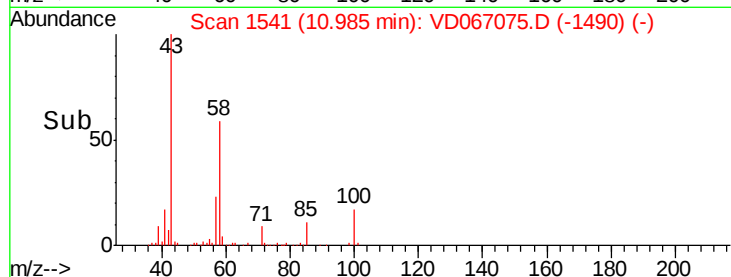
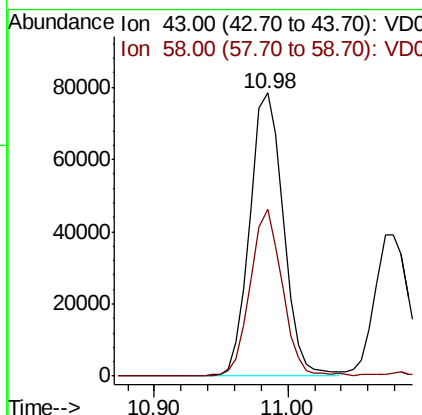
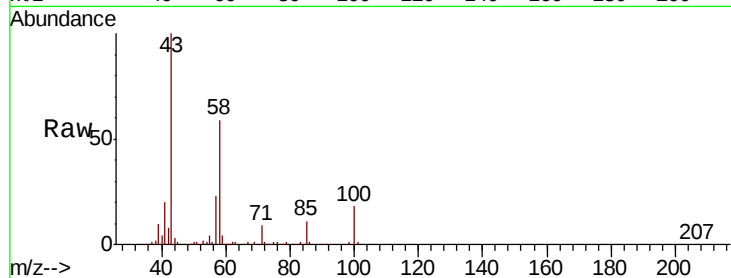




#59
2-Hexanone
Concen: 96.551 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

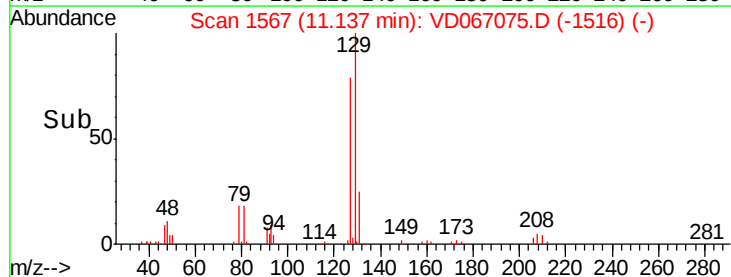
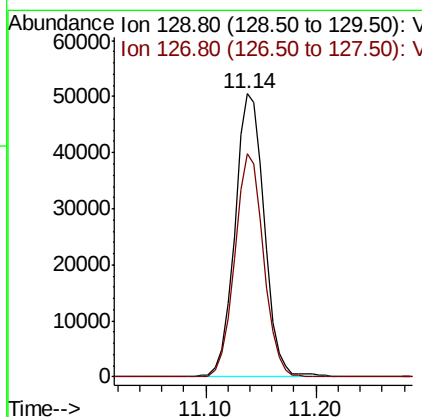
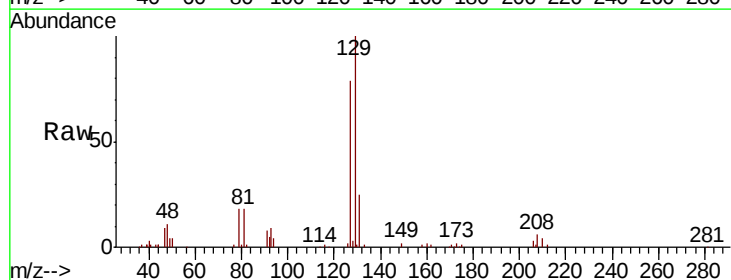
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

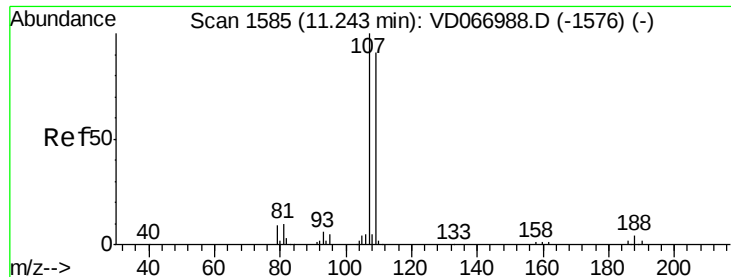
Tot Ion: 43 Resp: 136354
Ion Ratio Lower Upper
43 100
58 55.9 28.3 84.9



#60
Dibromochloromethane
Concen: 20.377 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 129 Resp: 94275
Ion Ratio Lower Upper
129 100
127 77.1 37.4 112.1

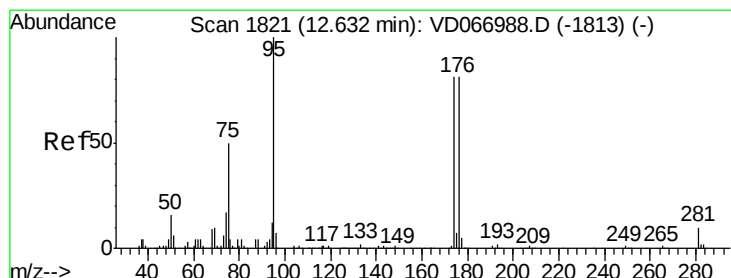
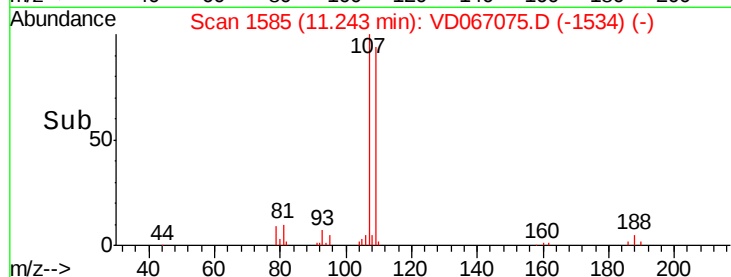
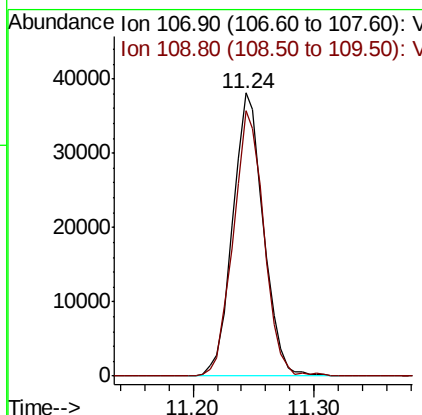
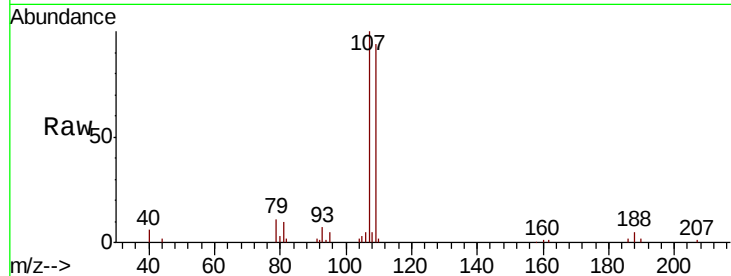




#61
 1,2-Dibromoethane
 Concen: 20.311 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

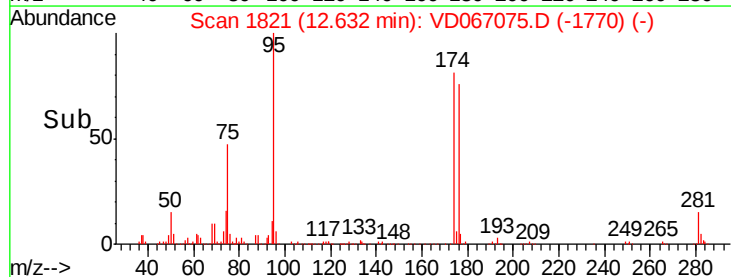
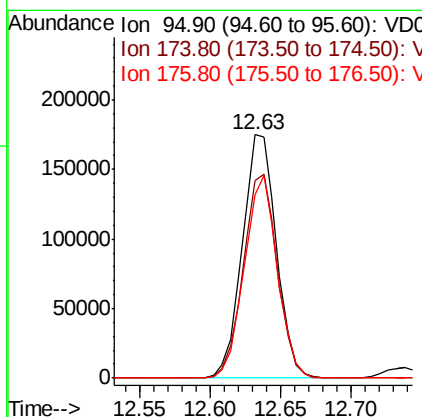
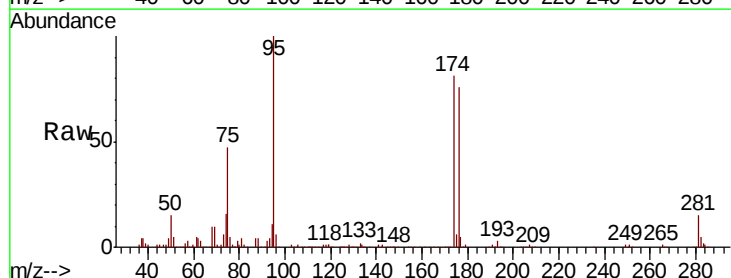
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBSD01

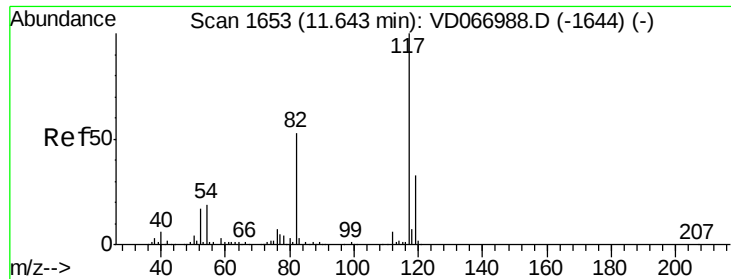
Tot Ion:107 Resp: 67733
 Ion Ratio Lower Upper
 107 100
 109 93.3 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 51.036 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Tgt Ion: 95 Resp: 295153
 Ion Ratio Lower Upper
 95 100
 174 84.1 0.0 167.6
 176 80.6 0.0 162.4

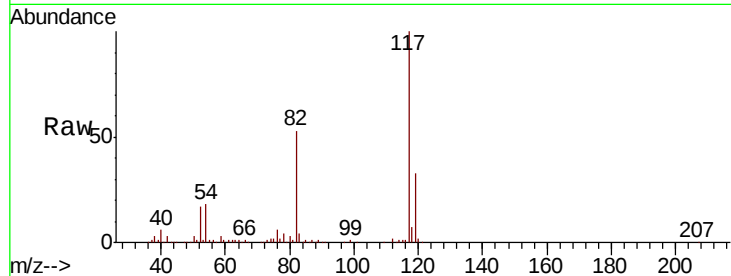




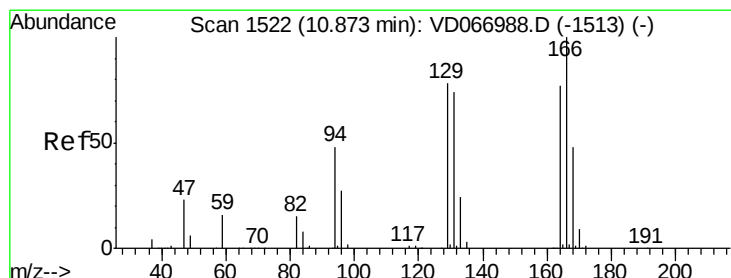
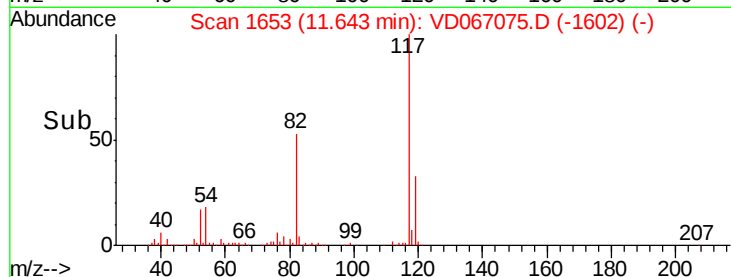
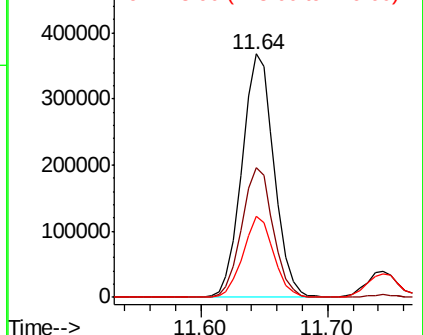
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

Tot Ion:117 Resp: 642885
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 33.4 26.3 39.5

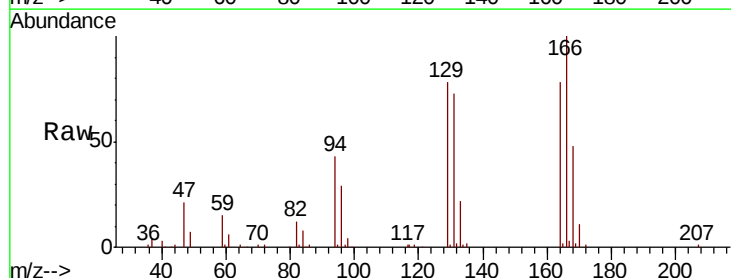


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VD
Ion 118.90 (118.60 to 119.60): V

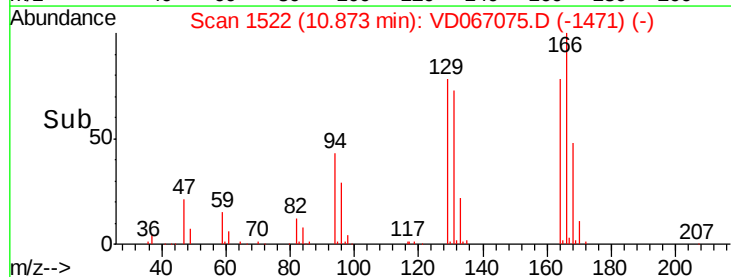
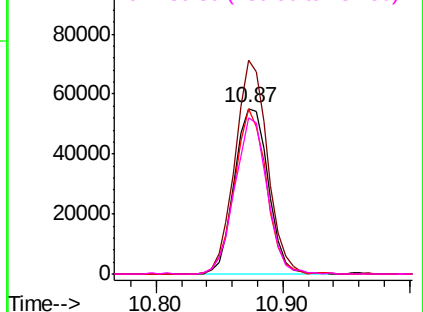


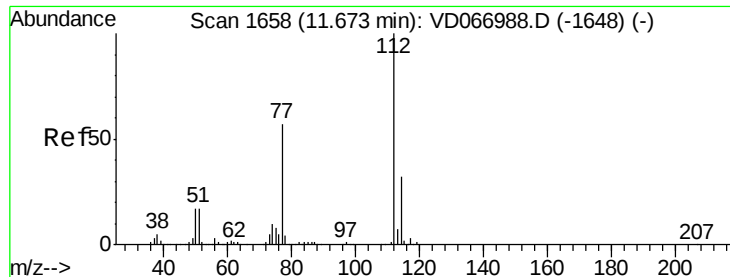
#64
Tetrachloroethene
Concen: 21.856 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion:164 Resp: 102149
Ion Ratio Lower Upper
164 100
166 128.9 104.4 156.6
129 100.0 81.3 121.9
131 94.6 77.1 115.7



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

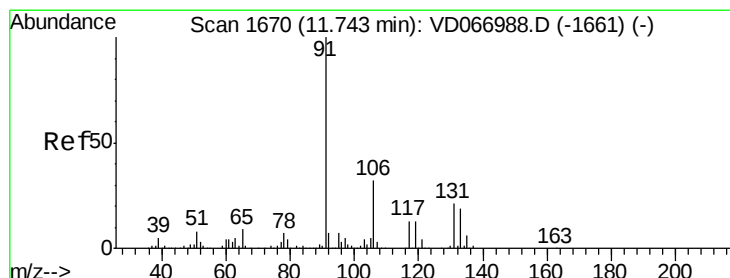
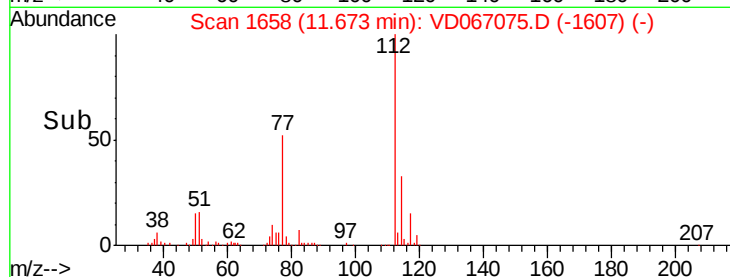
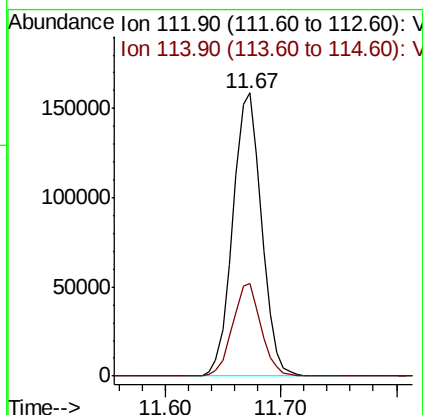
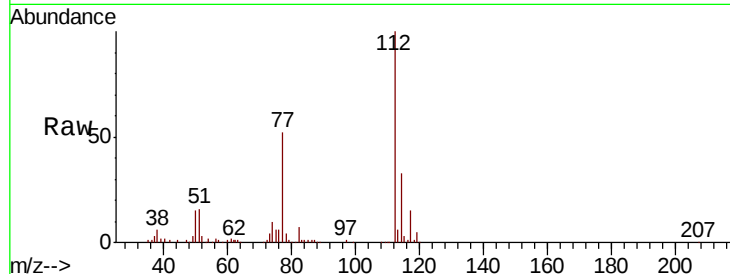




#65
Chlorobenzene
Concen: 21.427 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

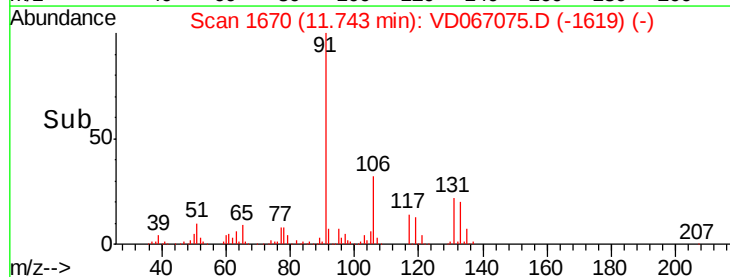
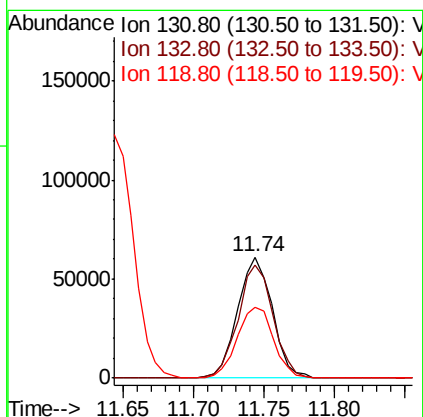
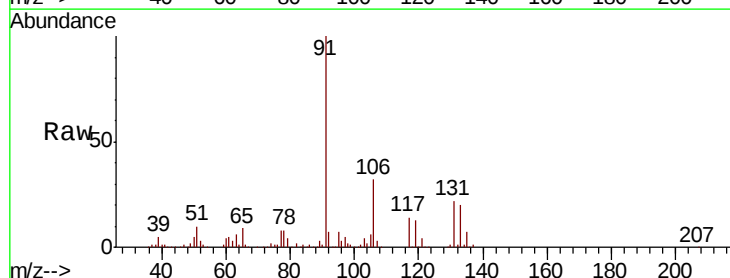
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

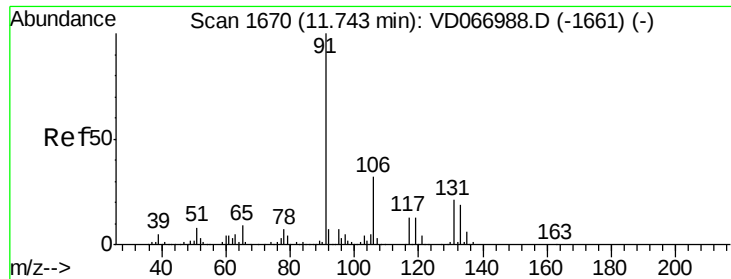
Tot Ion:112 Resp: 273971
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.659 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion:131 Resp: 105341
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.3
119 61.7 32.3 96.8

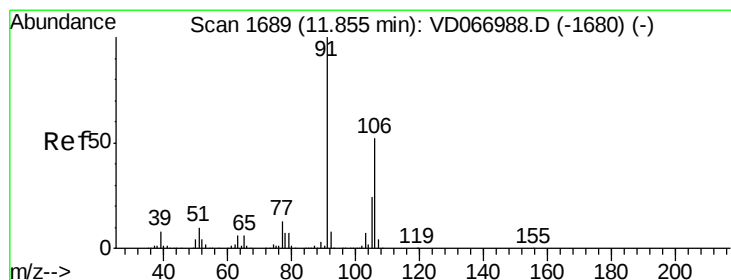
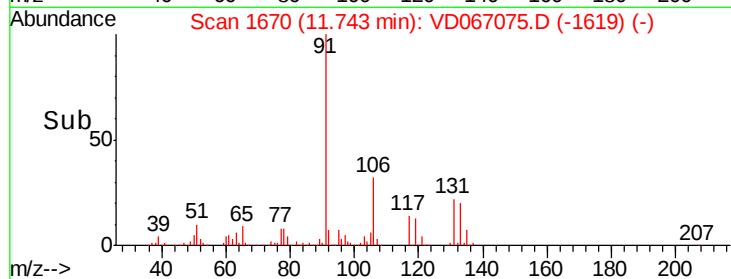
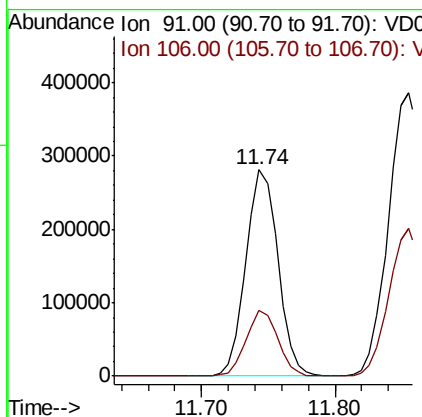
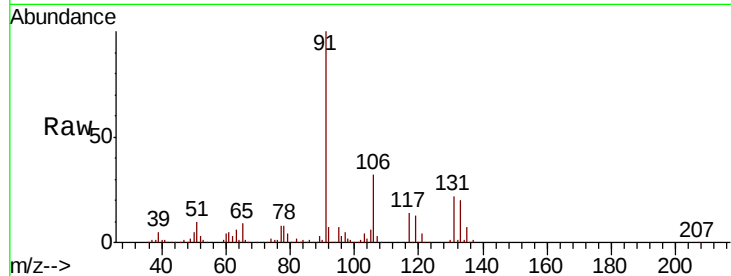




#67
Ethyl Benzene
Concen: 21.340 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

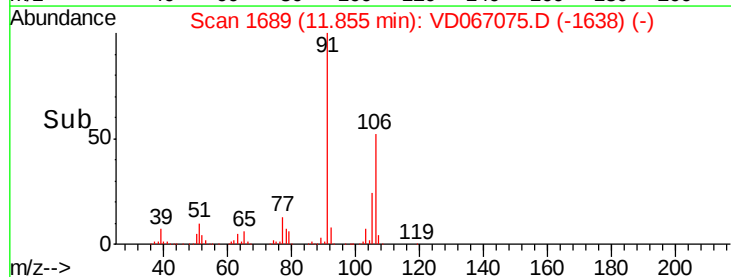
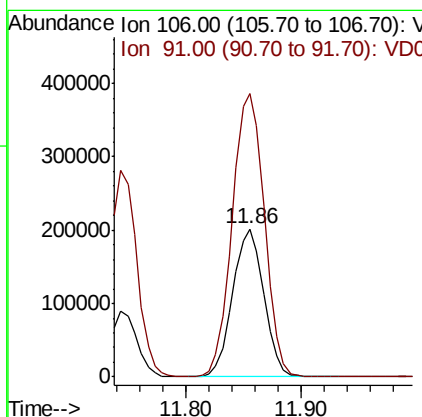
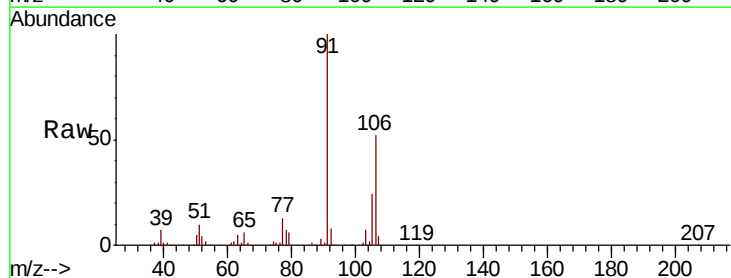
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

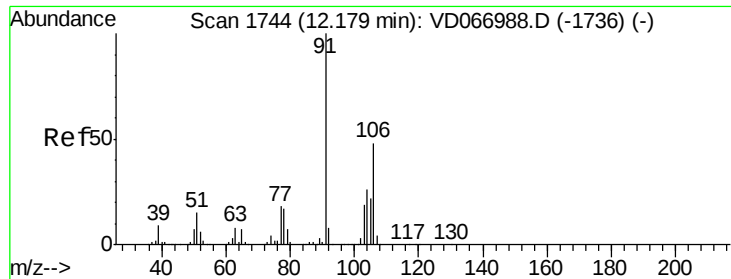
Tot Ion: 91 Resp: 467512
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.2



#68
m/p-Xylenes
Concen: 44.112 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 106 Resp: 376621
Ion Ratio Lower Upper
106 100
91 197.6 158.4 237.6

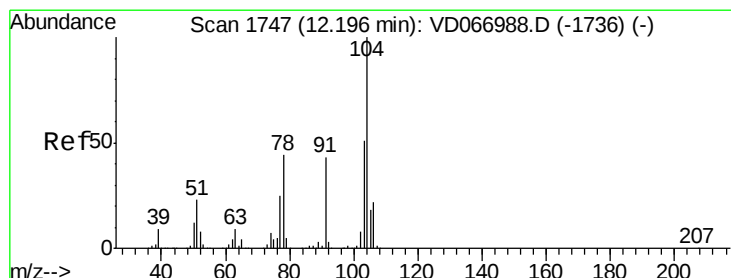
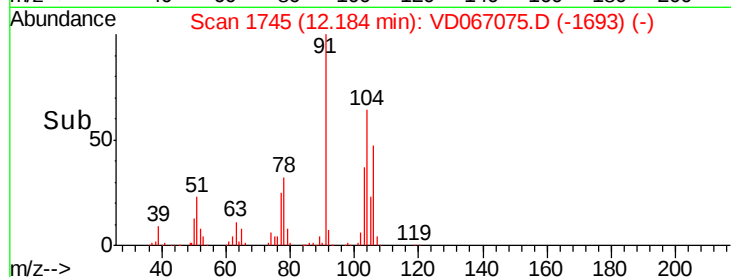
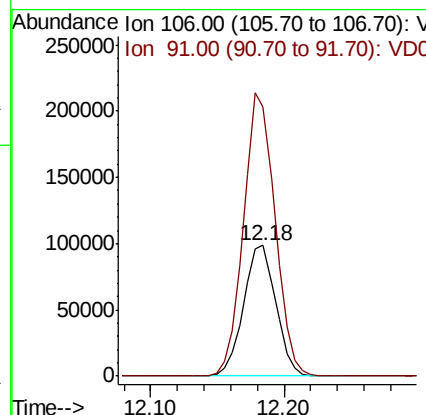
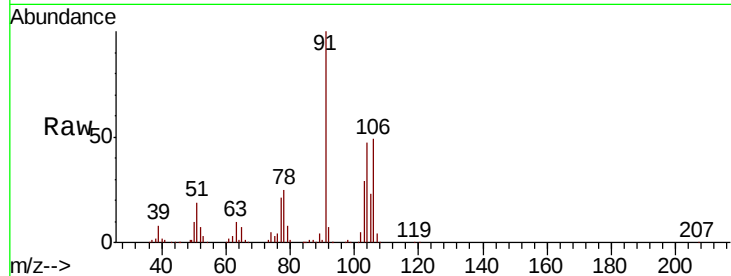




#69
o-Xylene
Concen: 21.620 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

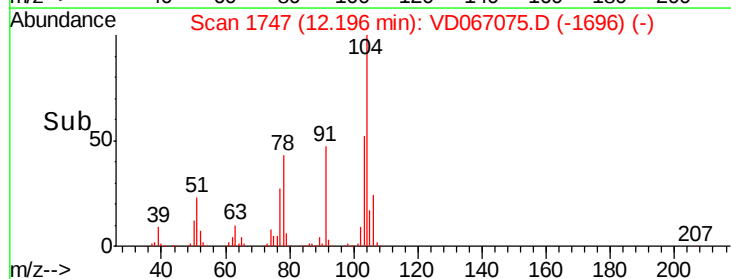
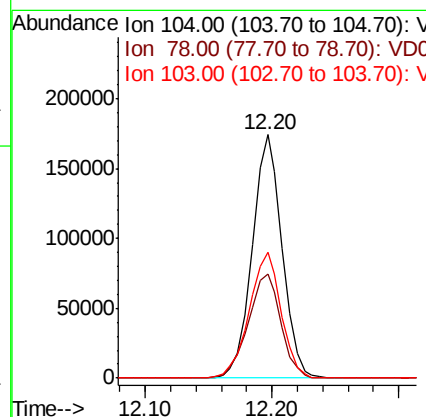
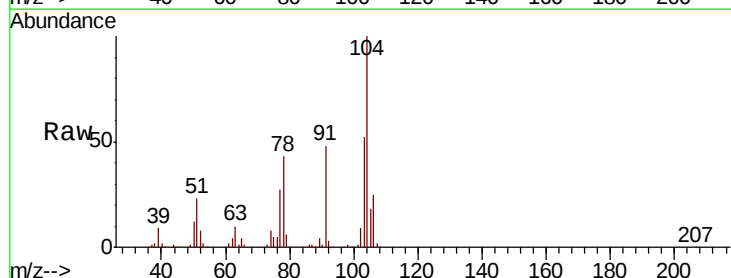
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

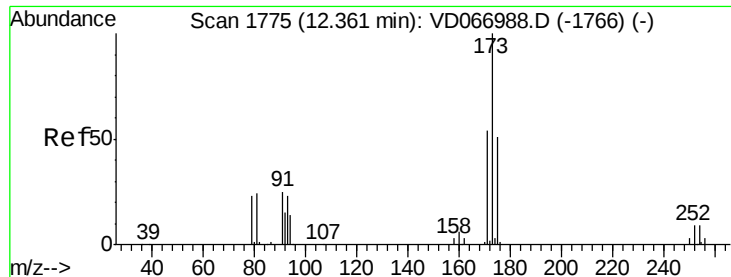
Tot Ion:106 Resp: 165068
Ion Ratio Lower Upper
106 100
91 211.3 102.4 307.2



#70
Styrene
Concen: 21.673 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion:104 Resp: 284144
Ion Ratio Lower Upper
104 100
78 47.2 38.6 58.0
103 55.4 43.4 65.0

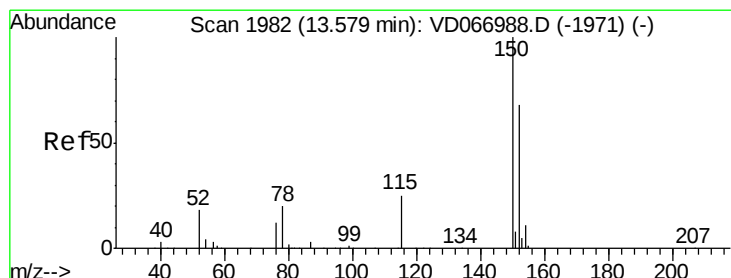
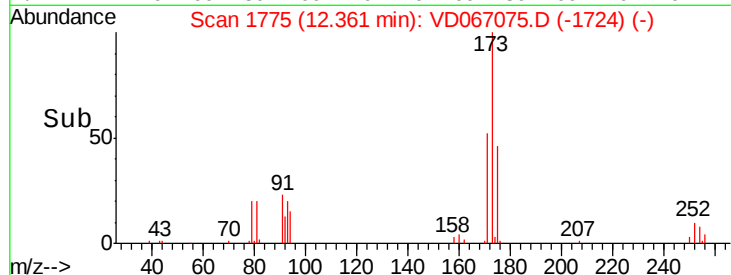
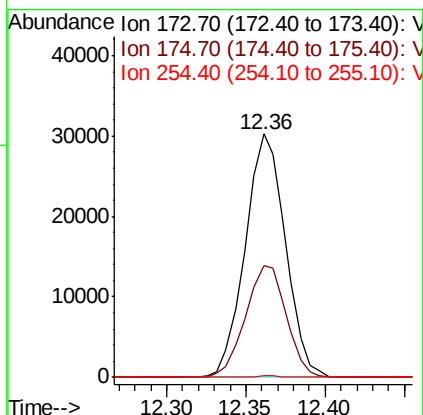
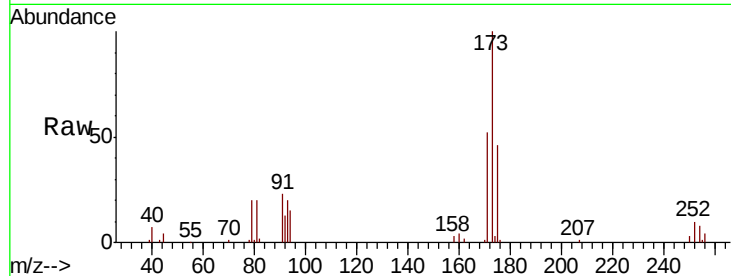




#71
Bromoform
Concen: 21.128 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

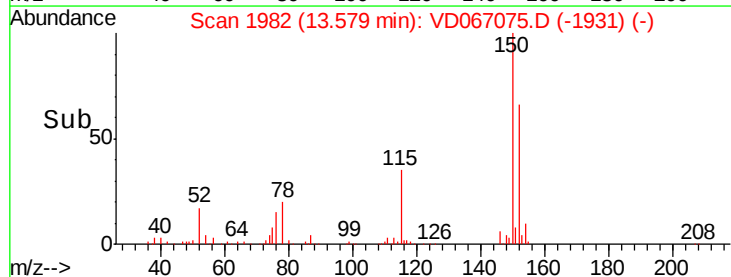
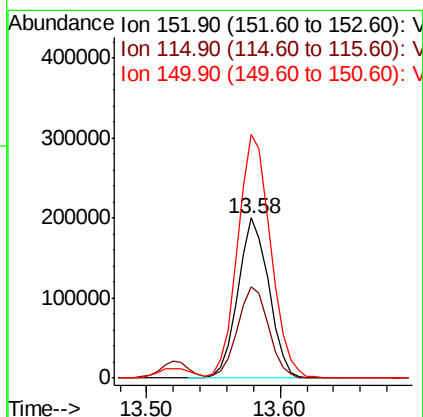
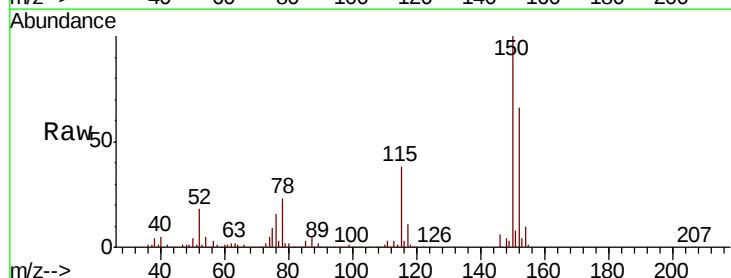
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

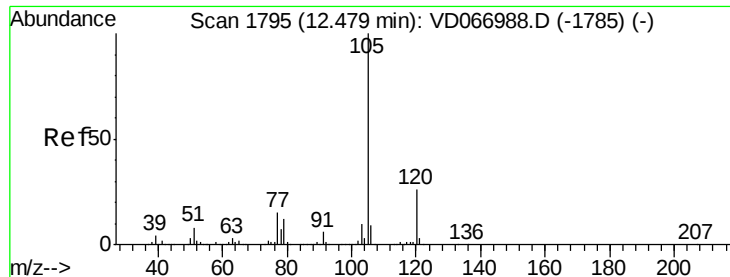
Tot Ion:173 Resp: 53341
Ion Ratio Lower Upper
173 100
175 46.4 24.9 74.7
254 0.3 0.2 0.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion:152 Resp: 319302
Ion Ratio Lower Upper
152 100
115 58.1 29.6 88.8
150 163.0 0.0 344.8





#73

Isopropylbenzene

Concen: 21.388 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

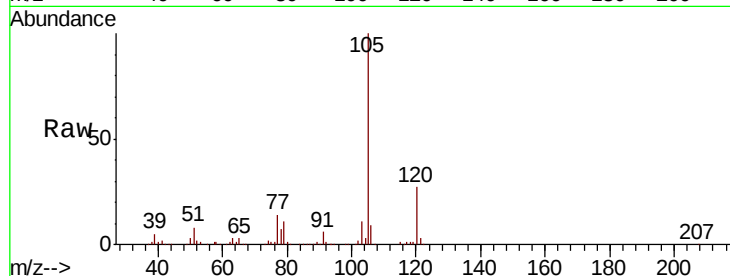
VD1005SBSD01

Tot Ion:105 Resp: 463716

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

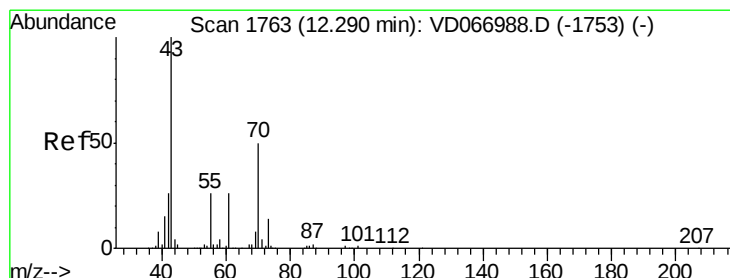
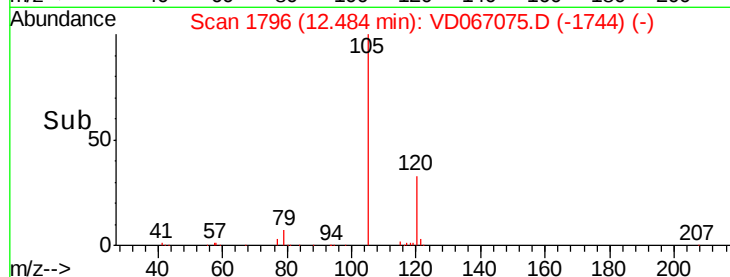
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.867 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Tgt Ion: 43 Resp: 73533

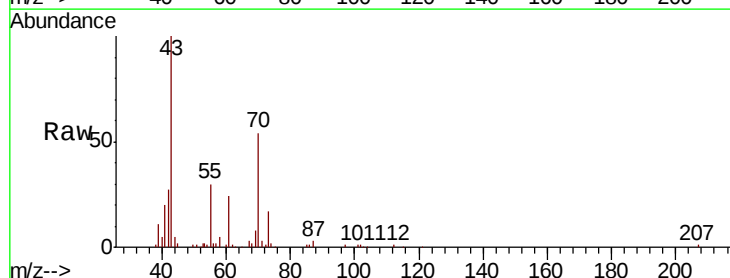
Ion Ratio Lower Upper

43 100

70 49.2 38.2 57.2

55 29.8 22.4 33.6

61 26.5 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.29

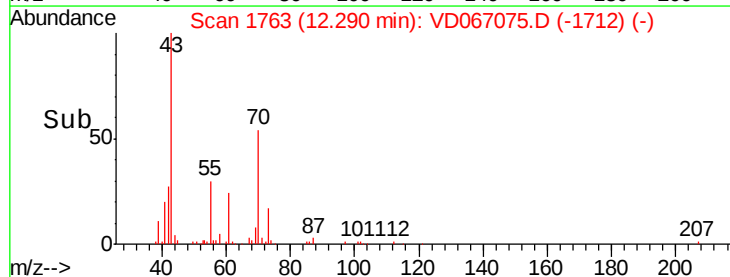
60000

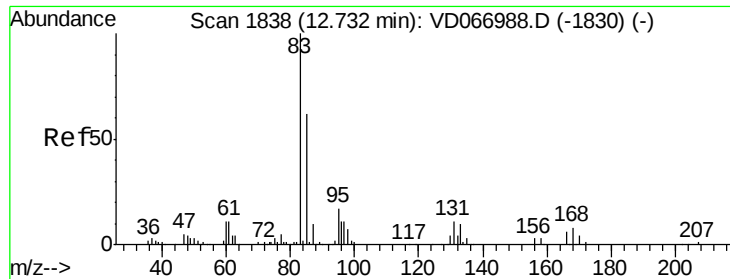
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.953 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBSD01

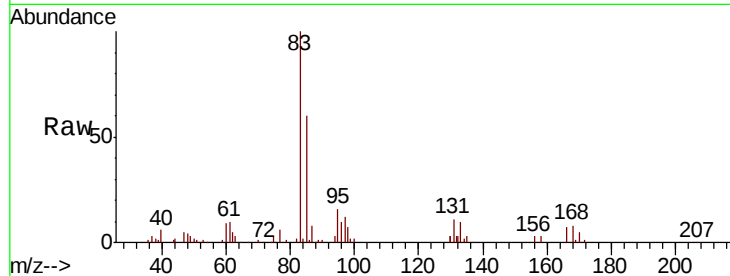
Tot Ion: 83 Resp: 72888

Ion Ratio Lower Upper

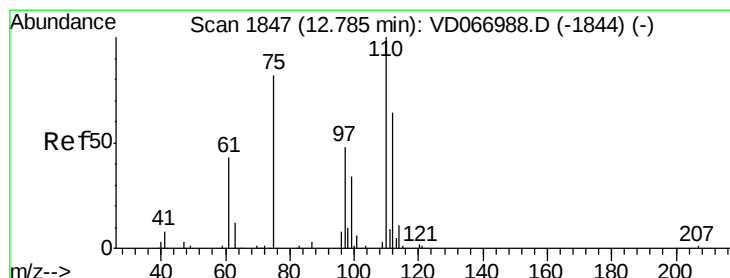
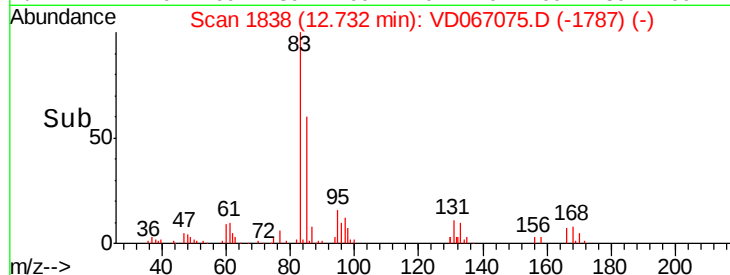
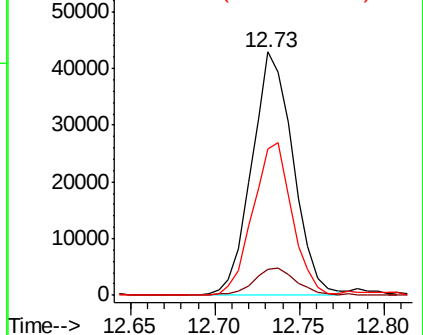
83 100

131 11.7 5.7 17.0

85 59.8 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 33.770 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD067075.D

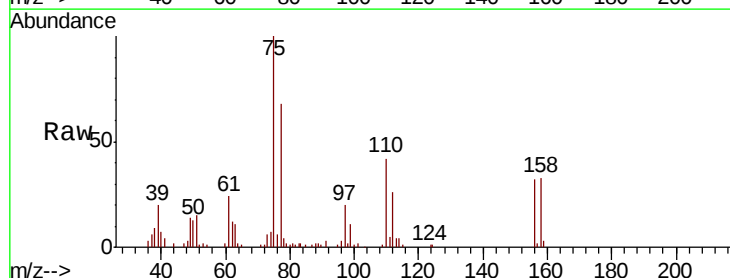
Acq: 05 Oct 2020 11:24

Tgt Ion: 75 Resp: 93921

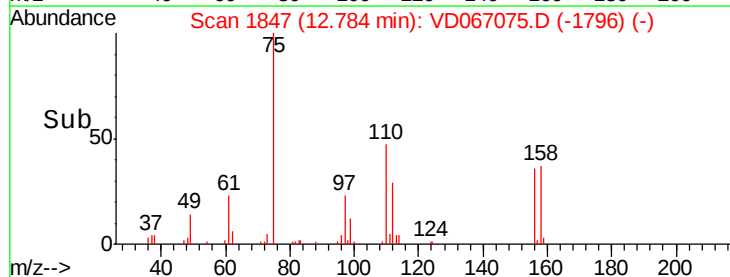
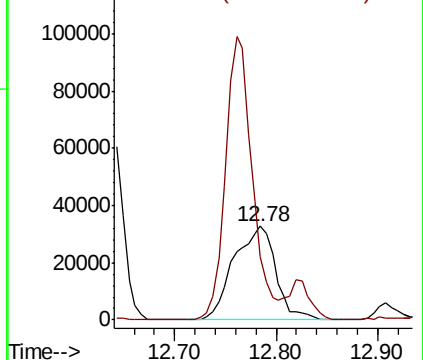
Ion Ratio Lower Upper

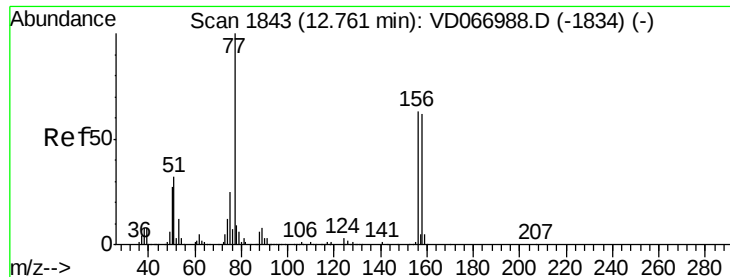
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.265 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBSD01

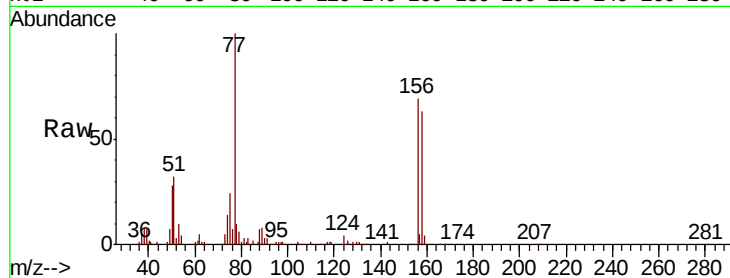
Tot Ion:156 Resp: 111326

Ion Ratio Lower Upper

156 100

77 162.9 86.3 258.8

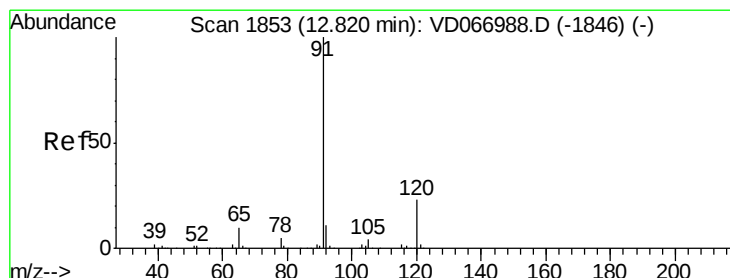
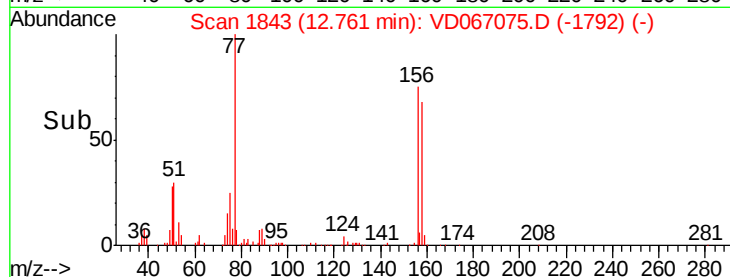
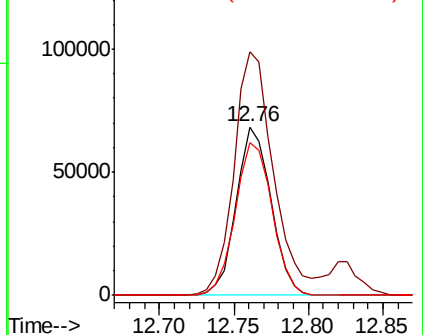
158 95.6 49.5 148.3



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: 21.083 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD067075.D

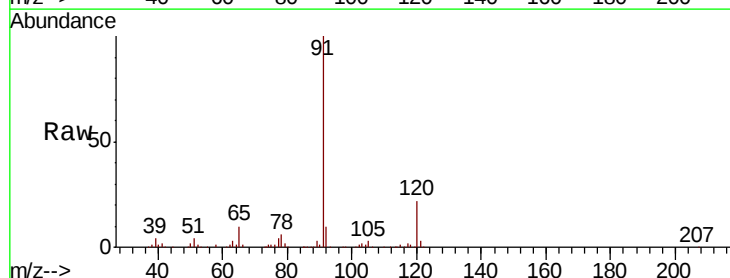
Acq: 05 Oct 2020 11:24

Tgt Ion: 91 Resp: 540216

Ion Ratio Lower Upper

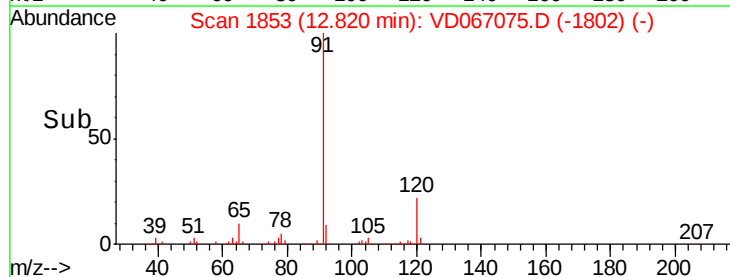
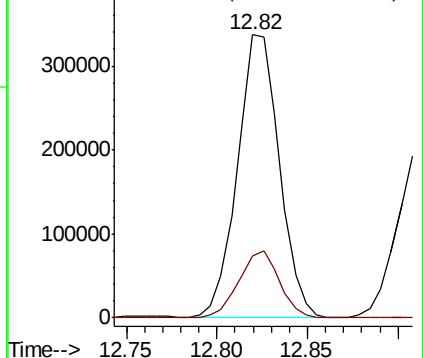
91 100

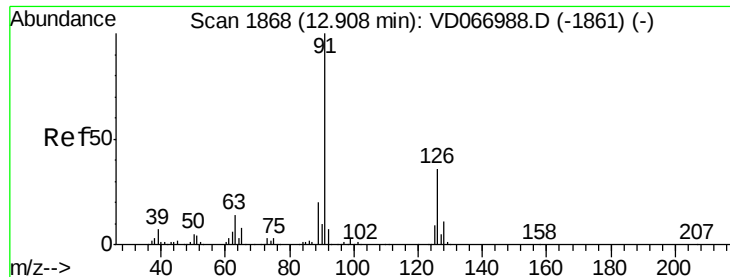
120 23.1 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.918 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

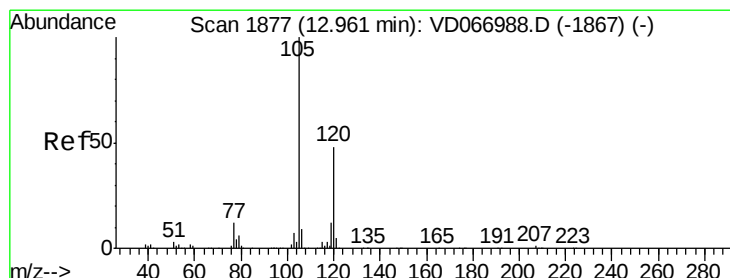
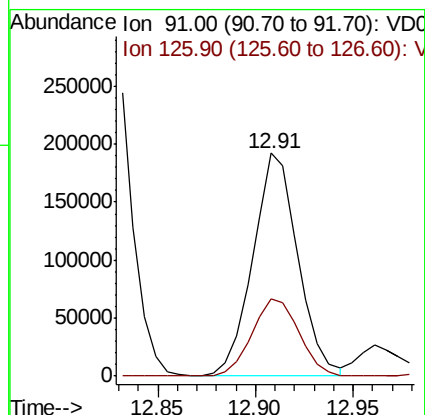
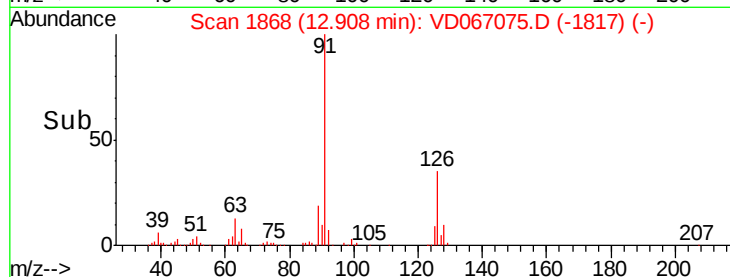
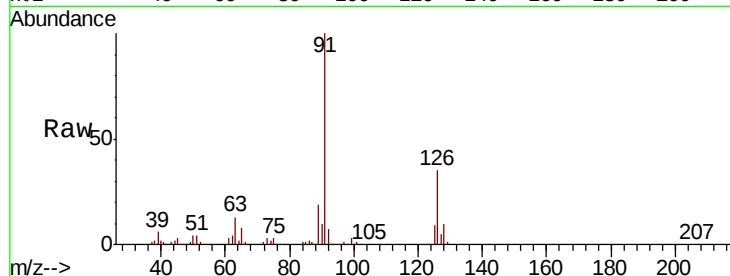
VD1005SBS01

Tot Ion: 91 Resp: 306659

Ion Ratio Lower Upper

91 100

126 36.3 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 21.340 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD067075.D

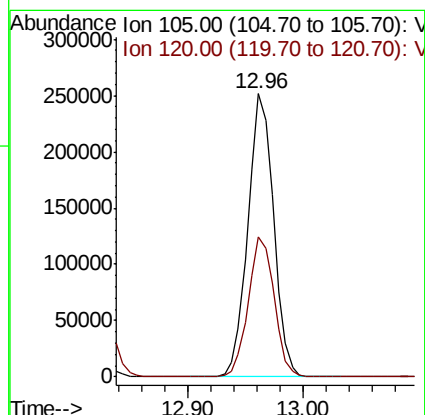
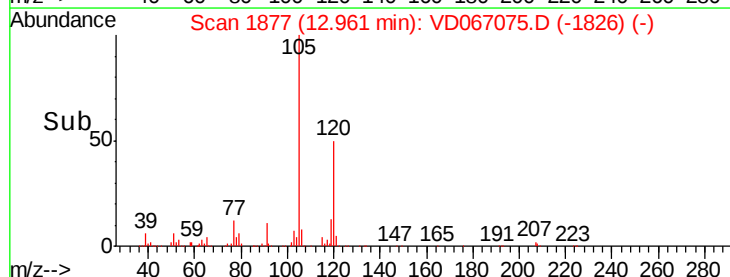
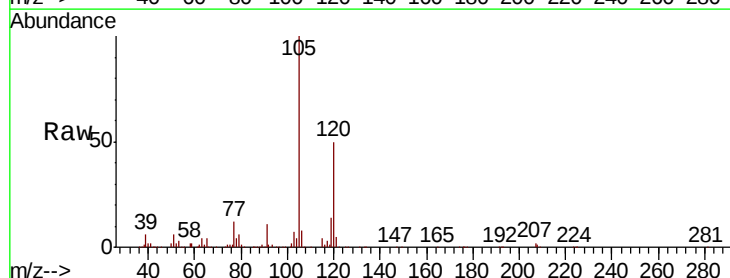
Acq: 05 Oct 2020 11:24

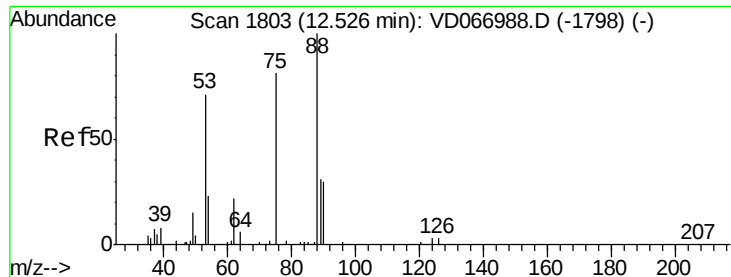
Tgt Ion: 105 Resp: 390907

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.860 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

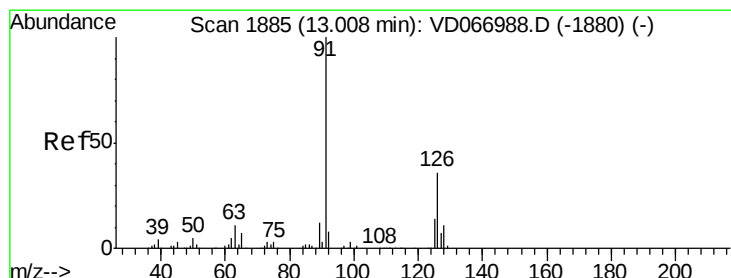
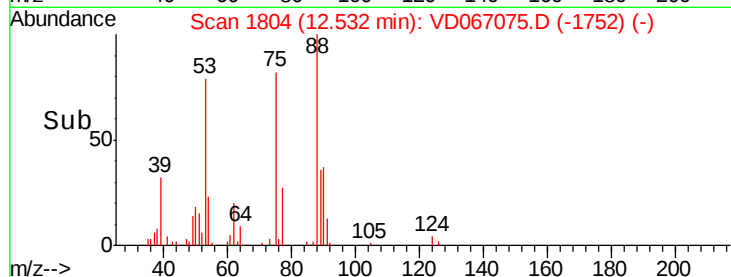
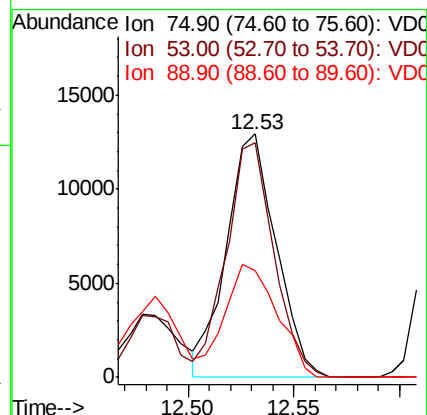
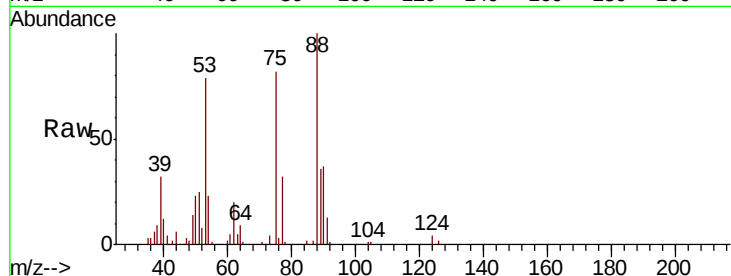
Tot Ion: 75 Resp: 21039

Ion Ratio Lower Upper

75 100

53 92.8 73.8 110.6

89 49.9 38.9 58.3



#82

4-Chlorotoluene

Concen: 20.902 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD067075.D

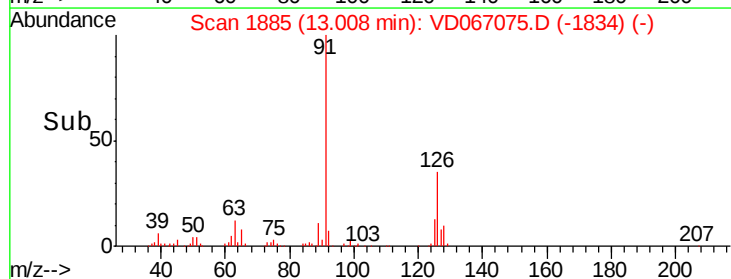
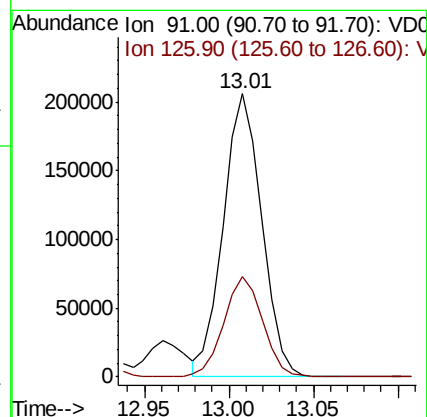
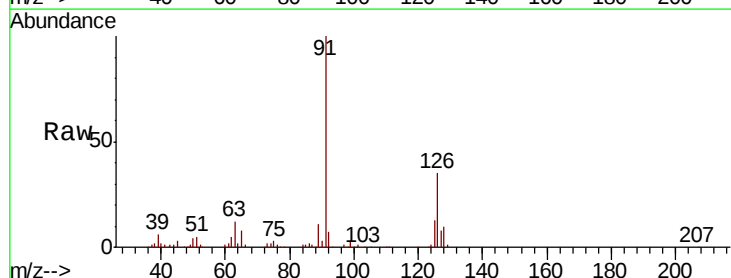
Acq: 05 Oct 2020 11:24

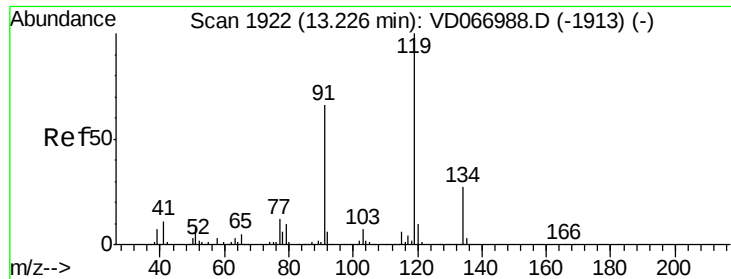
Tgt Ion: 91 Resp: 326019

Ion Ratio Lower Upper

91 100

126 35.7 17.5 52.5

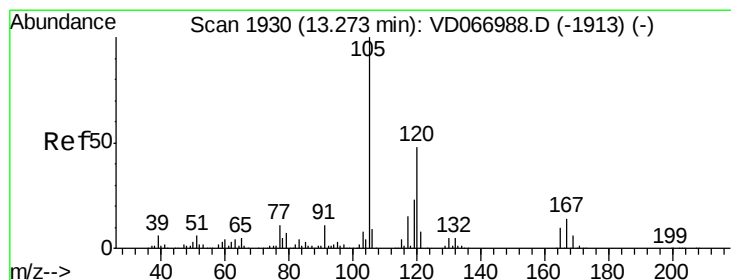
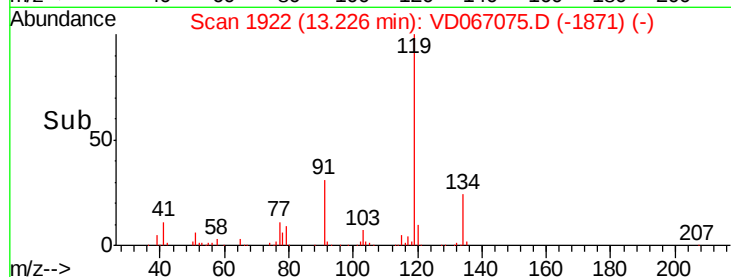
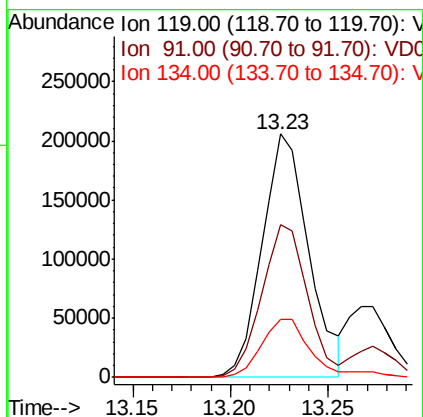
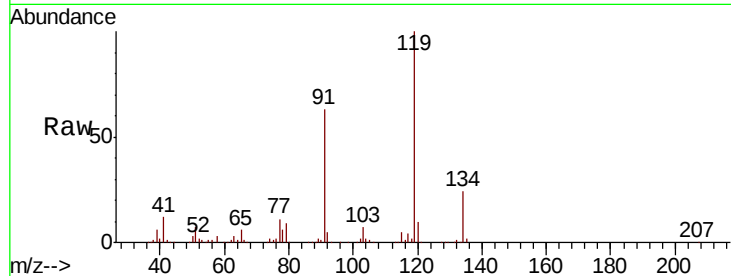




#83
tert-Butylbenzene
Concen: 22.091 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

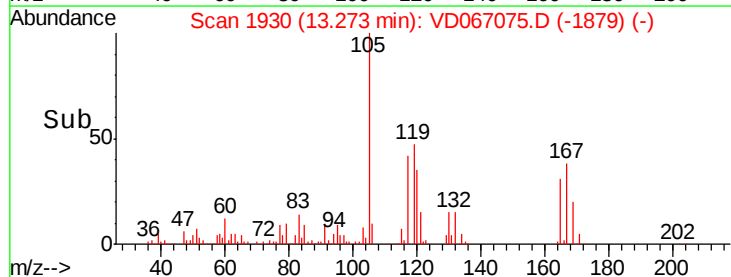
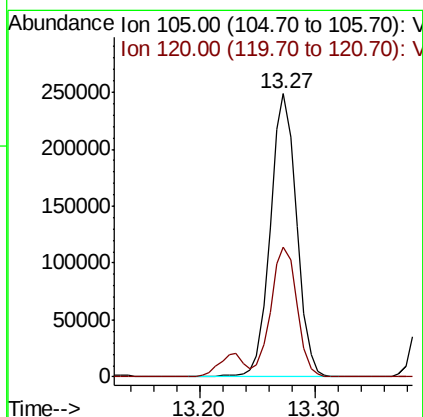
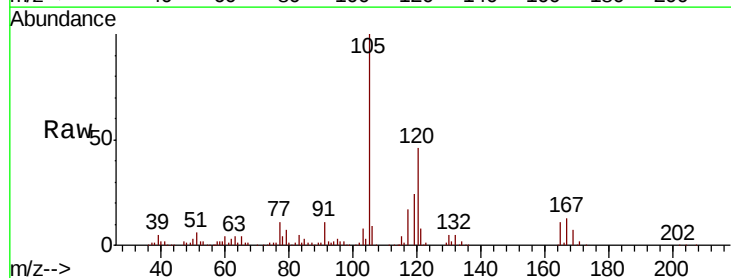
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBS01

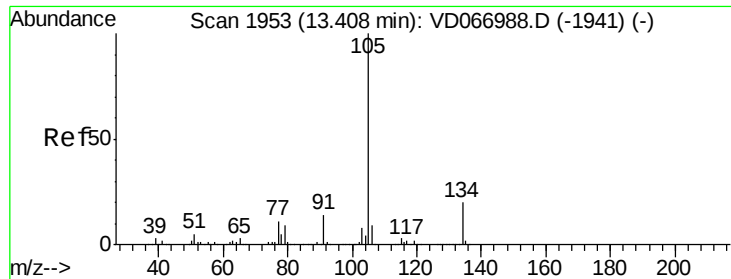
Tot Ion:119 Resp: 340766
Ion Ratio Lower Upper
119 100
91 61.4 32.8 98.3
134 26.1 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 21.547 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion:105 Resp: 393891
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.027 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

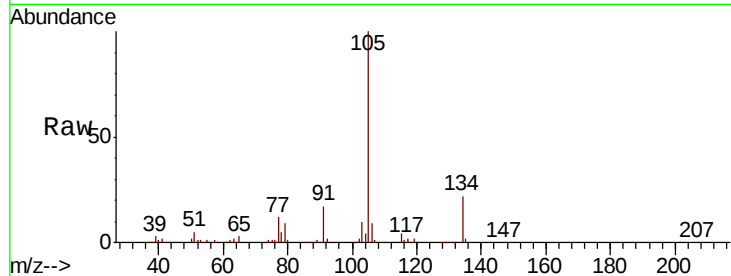
VD1005SBS01

Tot Ion:105 Resp: 456771

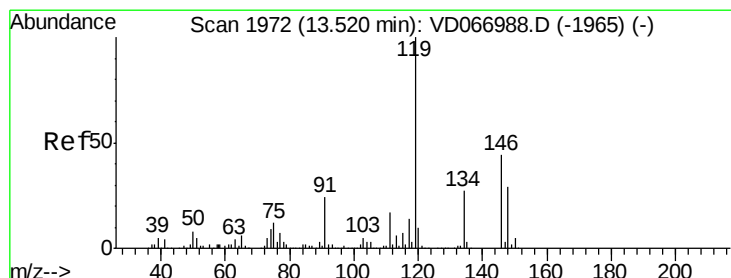
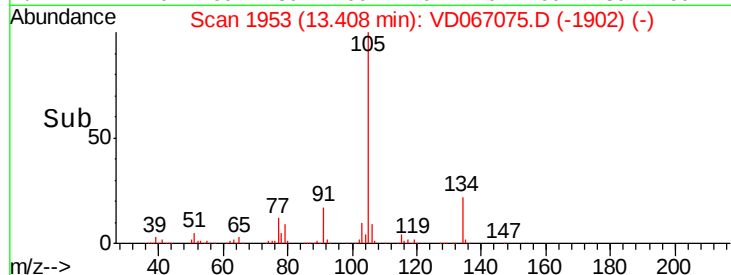
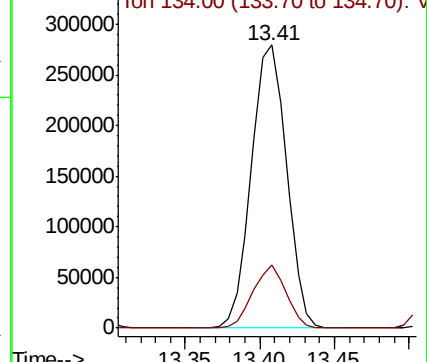
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V



#86

p-Isopropyltoluene

Concen: 21.273 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

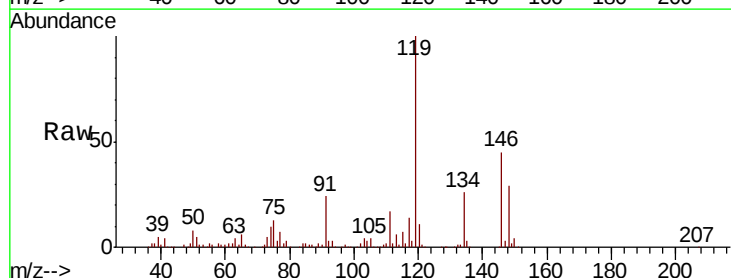
Tgt Ion:119 Resp: 428430

Ion Ratio Lower Upper

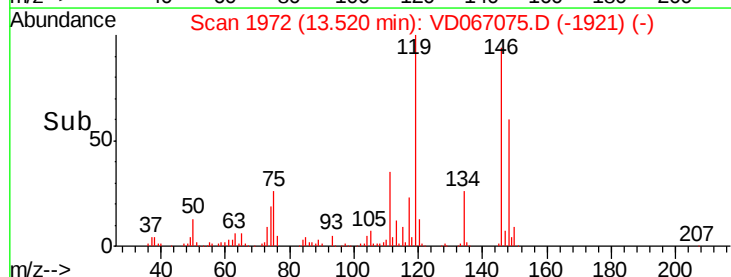
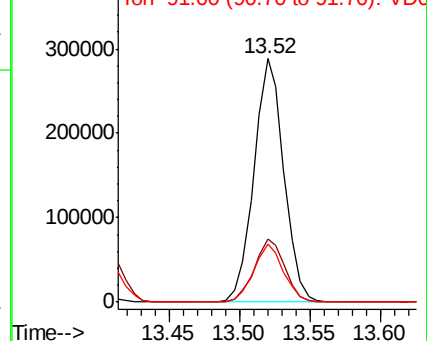
119 100

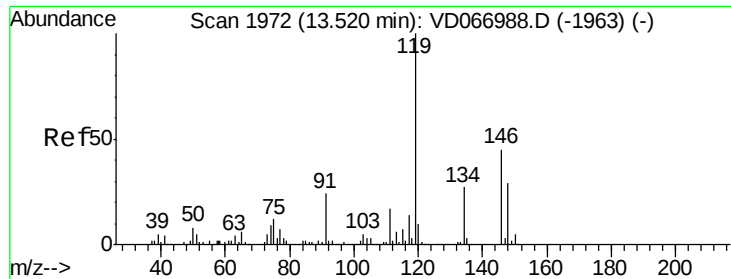
134 26.2 13.1 39.1

91 23.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

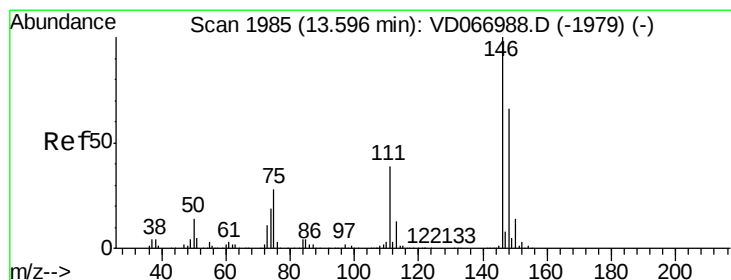
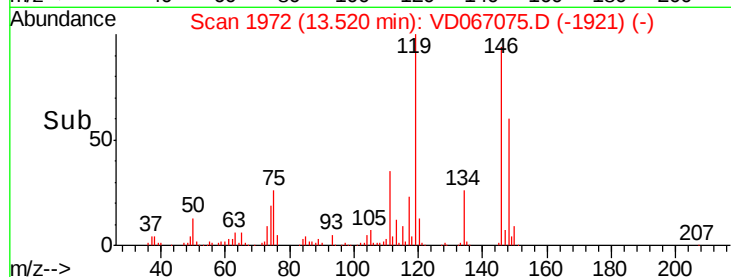
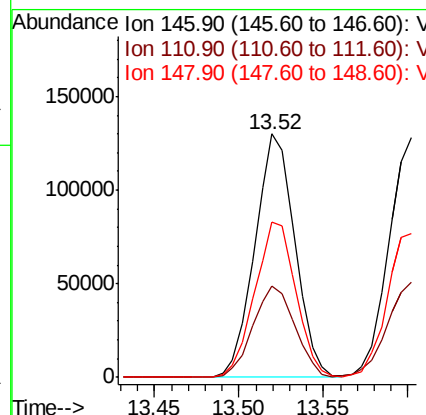
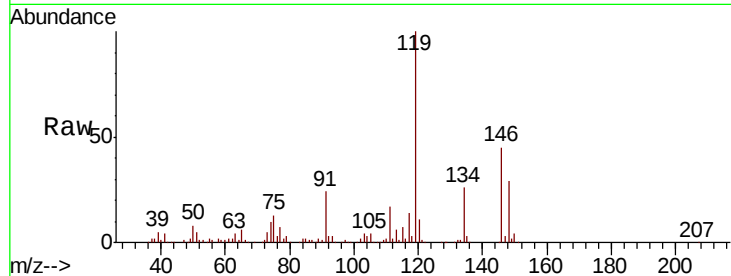




#87
 1,3-Dichlorobenzene
 Concen: 20.928 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

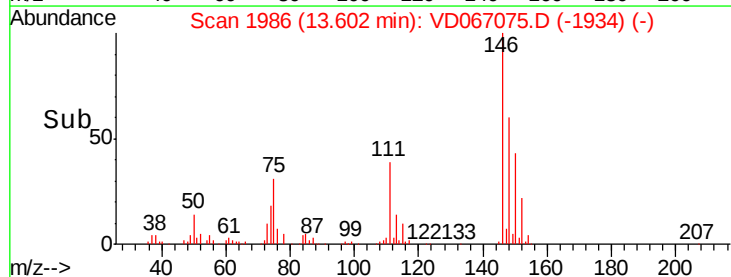
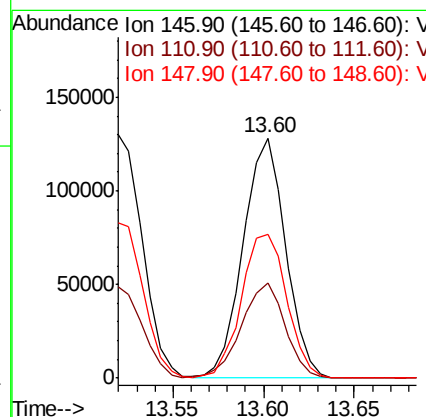
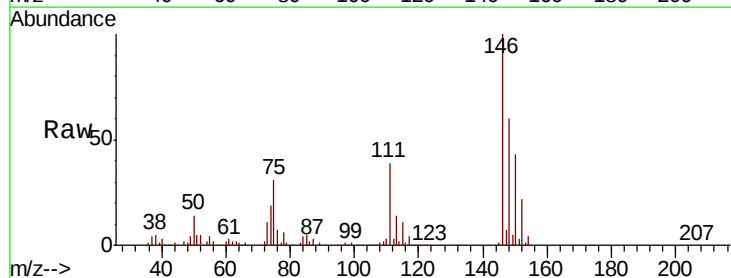
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBSD01

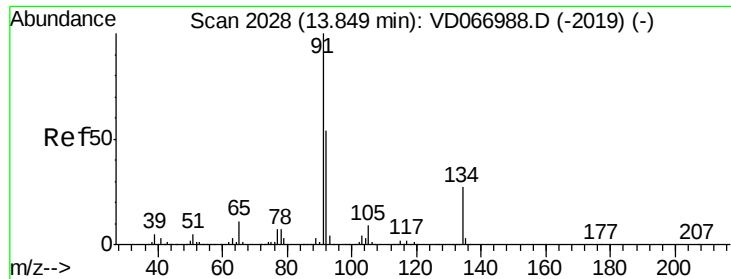
Tot Ion:146 Resp: 213403
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.0 60.0
 148 65.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.469 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Tgt Ion:146 Resp: 208704
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.6 58.7
 148 64.3 32.6 97.7

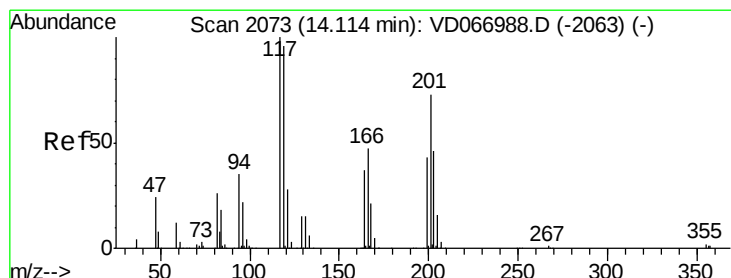
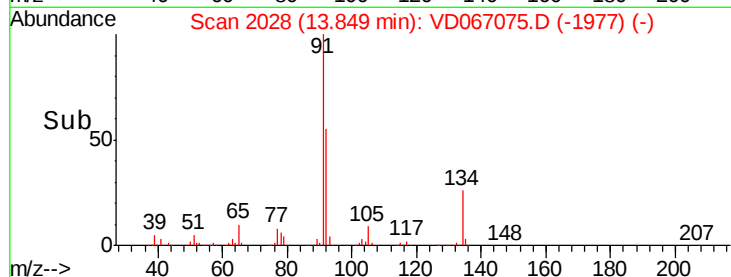
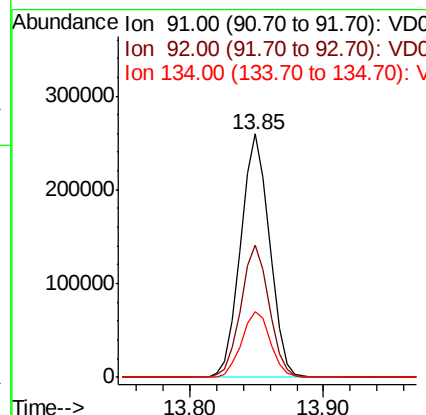
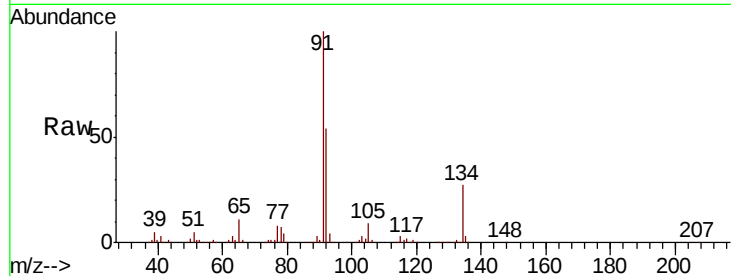




#89
n-Butylbenzene
Concen: 21.136 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

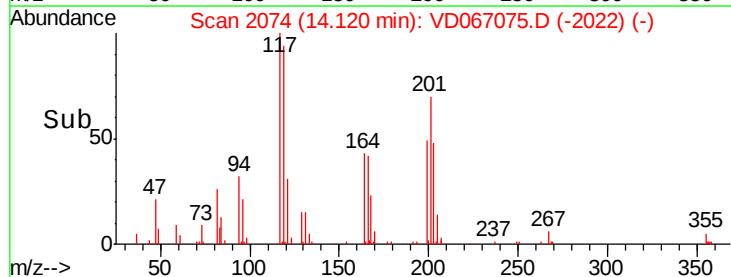
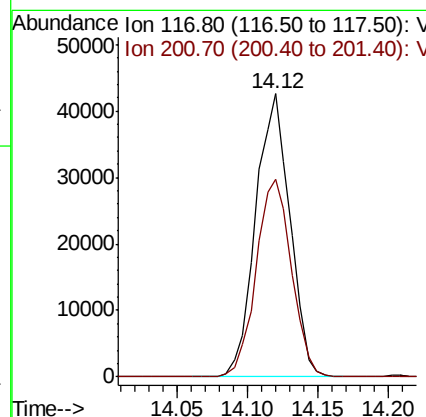
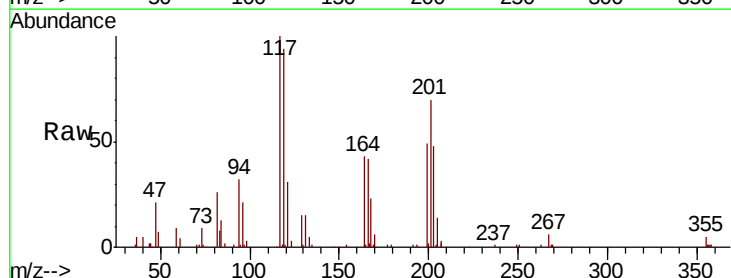
Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

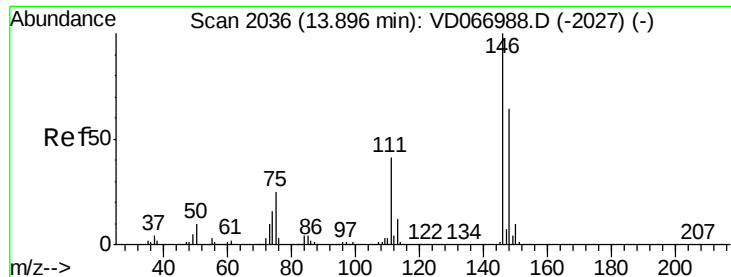
Tot Ion: 91 Resp: 389035
Ion Ratio Lower Upper
91 100
92 53.2 27.1 81.2
134 27.0 13.6 40.8



#90
Hexachloroethane
Concen: 20.563 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion: 117 Resp: 72543
Ion Ratio Lower Upper
117 100
201 72.0 37.0 110.9





#91

1,2-Dichlorobenzene

Concen: 20.404 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBS01

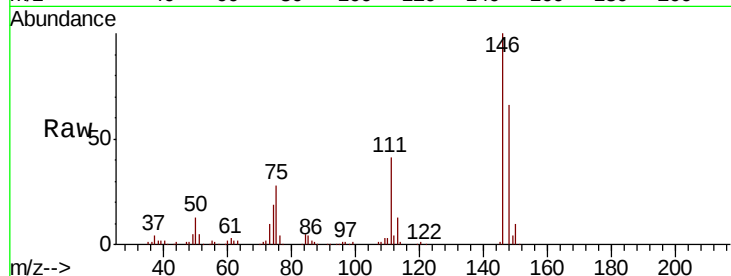
Tot Ion:146 Resp: 181710

Ion Ratio Lower Upper

146 100

111 42.6 20.9 62.7

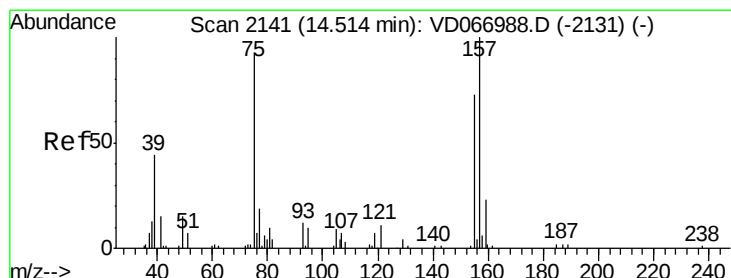
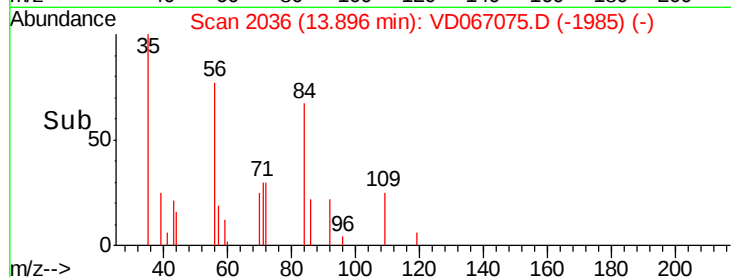
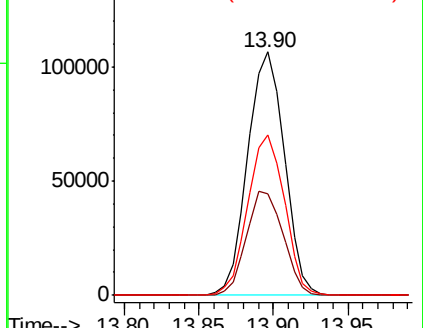
148 66.0 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.371 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. -0.00 min

Lab File: VD067075.D

Acq: 05 Oct 2020 11:24

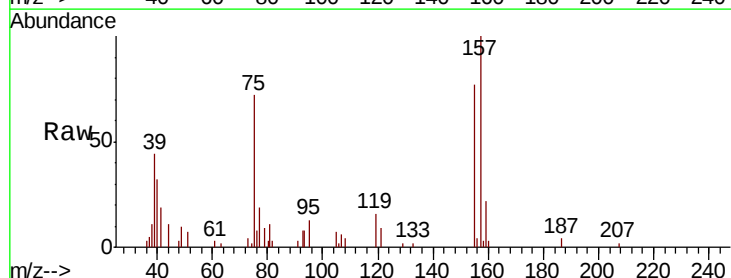
Tgt Ion: 75 Resp: 10229

Ion Ratio Lower Upper

75 100

155 106.6 45.2 135.6

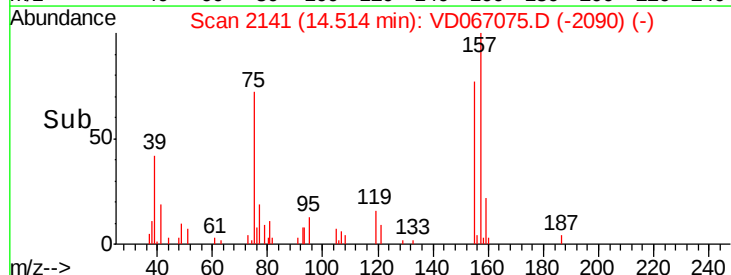
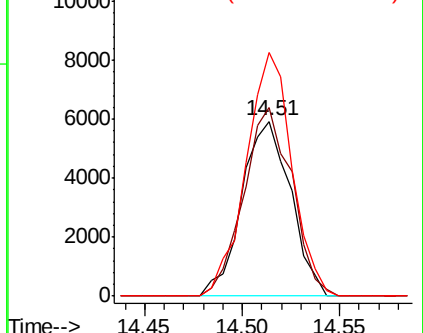
157 130.7 56.3 168.8

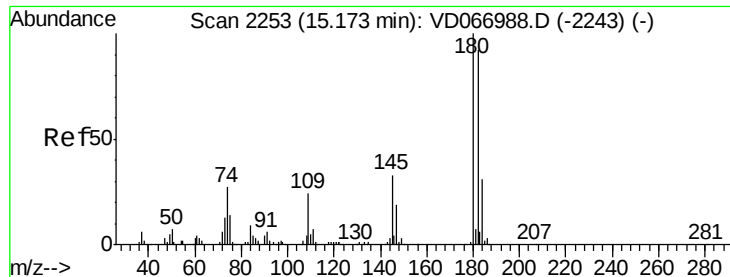


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

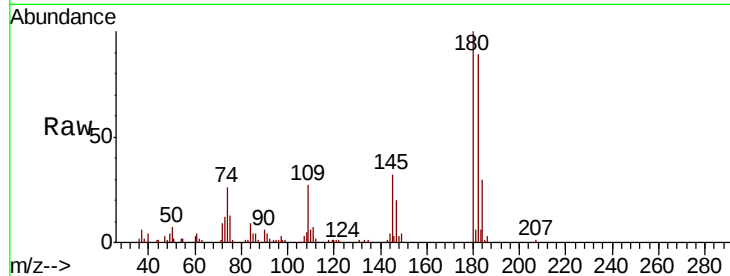




#93
 1,2,4-Trichlorobenzene
 Concen: 21.125 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.3	142.0
145	31.6	16.4	49.1

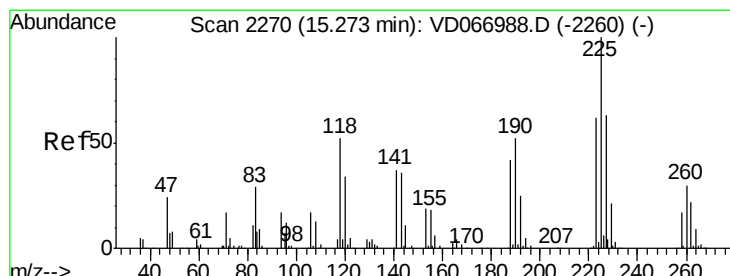
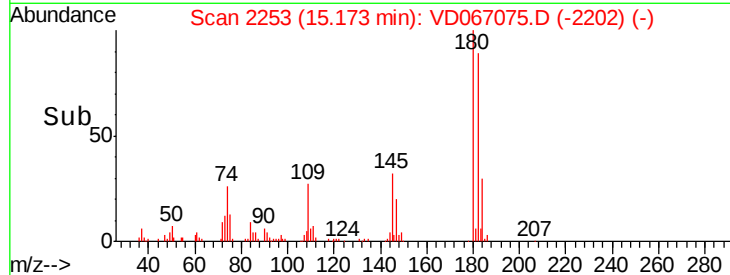
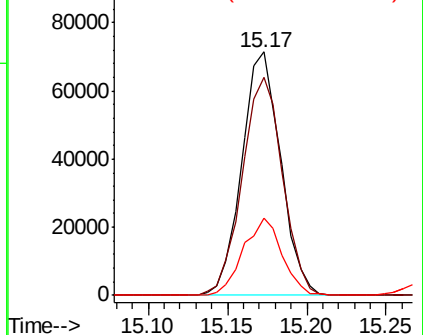


Abundance

Ion 179.80 (179.50 to 180.50): V

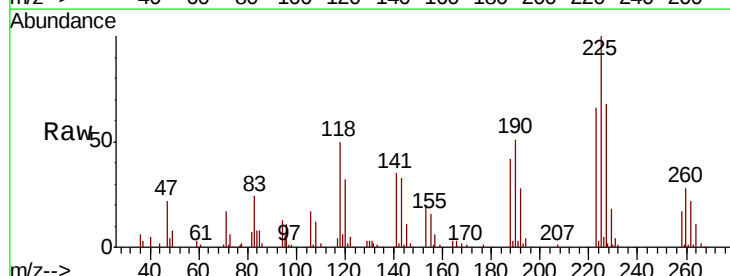
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.258 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067075.D
 Acq: 05 Oct 2020 11:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	32.4	97.0
227	64.9	31.6	95.0

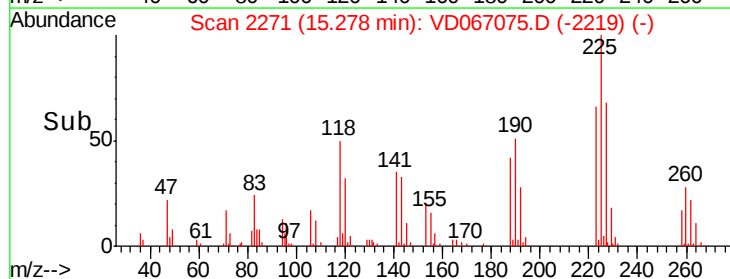
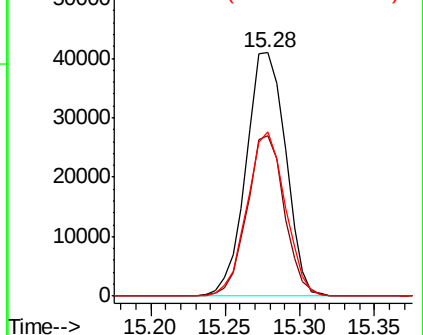


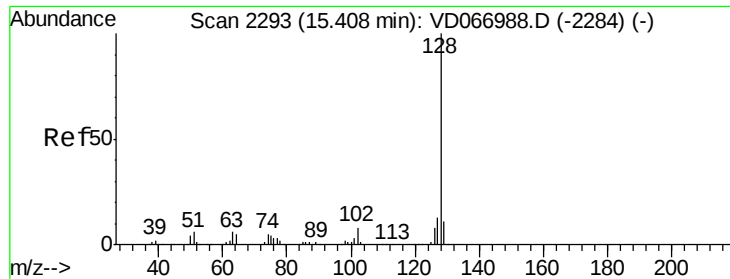
Abundance

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

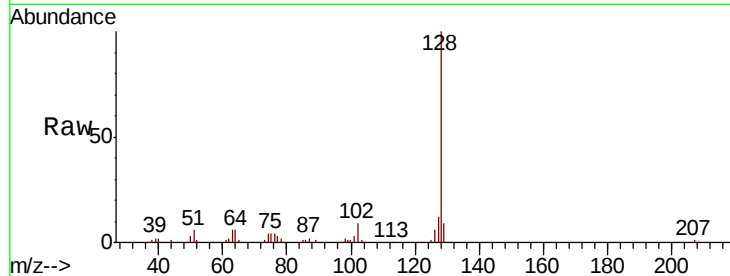




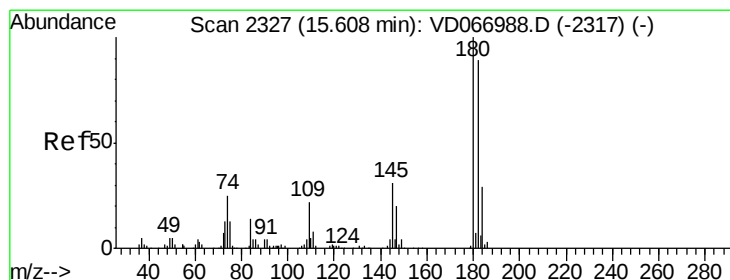
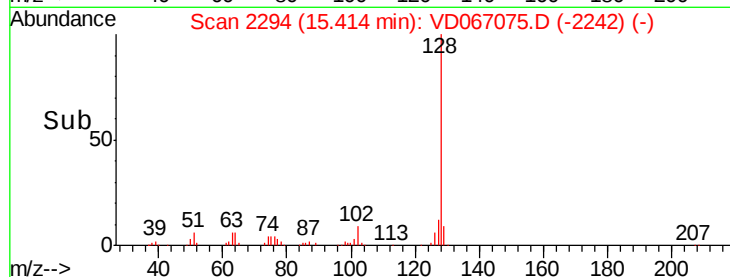
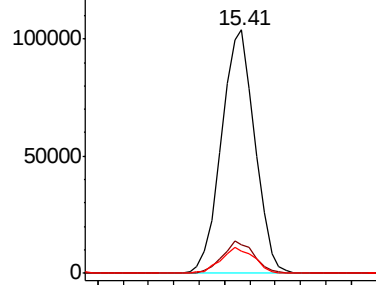
#95
Naphthalene
Concen: 19.823 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBSD01

Tot Ion:128 Resp: 190466
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0

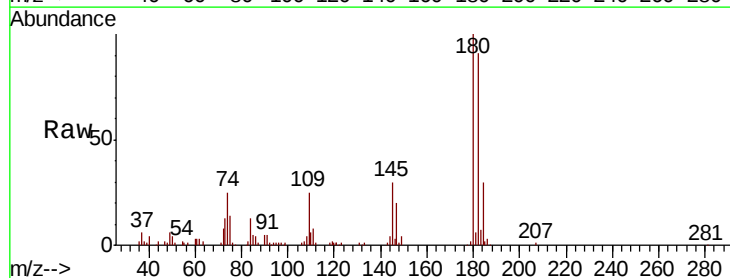


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.698 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067075.D
Acq: 05 Oct 2020 11:24

Tgt Ion:180 Resp: 103504
Ion Ratio Lower Upper
180 100
182 94.2 46.4 139.1
145 33.1 16.6 49.7



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

