

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065825.D
 Acq On : 19 Jun 2020 13:34
 Operator : VA/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 01:42:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	185874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	297408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138850	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	96881	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
35) Dibromofluoromethane	7.92	113	95247	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.34	98	365815	52.22	ug/l	0.00
Spiked Amount			Recovery	=	104.44%	
62) 4-Bromofluorobenzene	12.64	95	120518	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	31427	23.008	ug/l	98
3) Chloromethane	2.21	50	56150	23.982	ug/l	100
4) Vinyl Chloride	2.35	62	67601	24.651	ug/l	98
5) Bromomethane	2.76	94	45495	23.722	ug/l	98
6) Chloroethane	2.93	64	44799	24.160	ug/l	94
7) Trichlorofluoromethane	3.27	101	71201	22.916	ug/l	95
8) Diethyl Ether	3.71	74	16853	20.631	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.10	101	39737	21.449	ug/l	99
10) Methyl Iodide	4.30	142	37255	20.650	ug/l	99
11) Tert butyl alcohol	5.21	59	13336	109.549	ug/l #	92
12) 1,1-Dichloroethene	4.06	96	36990	21.906	ug/l	96
13) Acrolein	3.93	56	8039	77.925	ug/l	98
14) Allyl chloride	4.71	41	60798	21.785	ug/l	98
15) Acrylonitrile	5.43	53	38399	103.498	ug/l	100
16) Acetone	4.16	43	40869	117.962	ug/l	95
17) Carbon Disulfide	4.40	76	122570	21.627	ug/l	98
18) Methyl Acetate	4.71	43	18179	21.168	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	77972	20.386	ug/l	97
20) Methylene Chloride	4.97	84	49164	24.447	ug/l	95
21) trans-1,2-Dichloroethene	5.46	96	42707	21.596	ug/l	97
22) Diisopropyl ether	6.36	45	122598	21.741	ug/l	95
23) Vinyl Acetate	6.31	43	340211	106.840	ug/l	98
24) 1,1-Dichloroethane	6.26	63	75353	21.931	ug/l	98
25) 2-Butanone	7.21	43	52255	109.211	ug/l	97
26) 2,2-Dichloropropane	7.21	77	65443	21.481	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	45850	21.554	ug/l	97
28) Bromochloromethane	7.54	49	29724	22.399	ug/l	95
29) Tetrahydrofuran	7.56	42	31302	103.509	ug/l	96
30) Chloroform	7.71	83	77259	21.694	ug/l	98
31) Cyclohexane	7.98	56	69064	20.968	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	70812	21.624	ug/l	96
36) 1,1-Dichloropropene	8.11	75	61017	21.417	ug/l	98
37) Ethyl Acetate	7.29	43	21942	19.553	ug/l	98
38) Carbon Tetrachloride	8.10	117	64916	21.651	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065825.D
 Acq On : 19 Jun 2020 13:34
 Operator : VA/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 01:42:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	69325	20.552	ug/l	96
40) Benzene	8.35	78	165377	21.233	ug/l	95
41) Methacrylonitrile	7.52	41	15234m	22.799	ug/l	
42) 1,2-Dichloroethane	8.43	62	47881	20.375	ug/l	99
43) Isopropyl Acetate	8.46	43	44931	20.135	ug/l	99
44) Trichloroethene	9.11	130	45656	21.064	ug/l	96
45) 1,2-Dichloropropane	9.38	63	41295	21.101	ug/l	97
46) Dibromomethane	9.48	93	21545	20.299	ug/l	98
47) Bromodichloromethane	9.66	83	58094	20.426	ug/l	99
48) Methyl methacrylate	9.46	41	22900	21.201	ug/l	96
49) 1,4-Dioxane	9.46	88	4527	400.724	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	111384	101.866	ug/l	94
52) Toluene	10.40	92	110202	21.776	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	53662	20.836	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	65014	21.374	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	28762	20.281	ug/l	96
56) Ethyl methacrylate	10.66	69	34407	20.627	ug/l	97
57) 1,3-Dichloropropane	10.95	76	50330	20.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	80216	103.437	ug/l	99
59) 2-Hexanone	10.98	43	76570	103.868	ug/l	98
60) Dibromochloromethane	11.14	129	39060	20.388	ug/l	98
61) 1,2-Dibromoethane	11.25	107	27301	19.589	ug/l	95
64) Tetrachloroethene	10.88	164	38097	20.493	ug/l	96
65) Chlorobenzene	11.67	112	110797	20.644	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	40966	20.477	ug/l	98
67) Ethyl Benzene	11.75	91	200976	20.962	ug/l	97
68) m/p-Xylenes	11.86	106	158453	42.906	ug/l	98
69) o-Xylene	12.18	106	68963	20.711	ug/l	98
70) Styrene	12.20	104	121599	21.095	ug/l	99
71) Bromoform	12.37	173	21818	19.805	ug/l #	100
73) Isopropylbenzene	12.48	105	193306	20.765	ug/l	100
74) N-amyl acetate	12.29	43	39701	19.169	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	31931	20.310	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	22499m	20.835	ug/l	
77) Bromobenzene	12.76	156	44821	20.349	ug/l	97
78) n-propylbenzene	12.83	91	239667	21.388	ug/l	99
79) 2-Chlorotoluene	12.91	91	130939	21.300	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	164470	21.230	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	9888	19.784	ug/l	97
82) 4-Chlorotoluene	13.01	91	142159	21.545	ug/l	99
83) tert-Butylbenzene	13.23	119	142629	21.218	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	163388	21.071	ug/l	100
85) sec-Butylbenzene	13.41	105	199114	21.285	ug/l	99
86) p-Isopropyltoluene	13.52	119	181830	21.207	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	89117	20.520	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	90630	20.978	ug/l	99
89) n-Butylbenzene	13.85	91	175596	21.473	ug/l	100
90) Hexachloroethane	14.12	117	37461	21.827	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	76571	20.486	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5137	19.633	ug/l	95

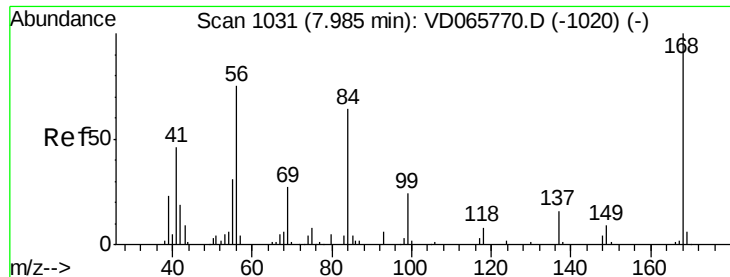
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061920\
Data File : VD065825.D
Acq On : 19 Jun 2020 13:34
Operator : VA/SY
Sample : VD0619SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Quant Time: Jun 20 01:42:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 05 13:07:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49908	19.639	ug/l	98
94) Hexachlorobutadiene	15.27	225	30197	19.656	ug/l	98
95) Naphthalene	15.41	128	80510	18.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	41142	18.797	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

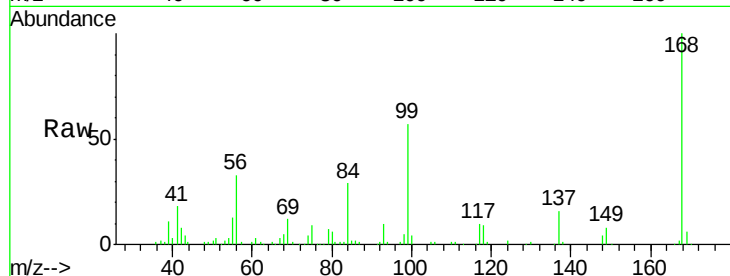
VD0619SBS01

Tot Ion:168 Resp: 185874

Ion Ratio Lower Upper

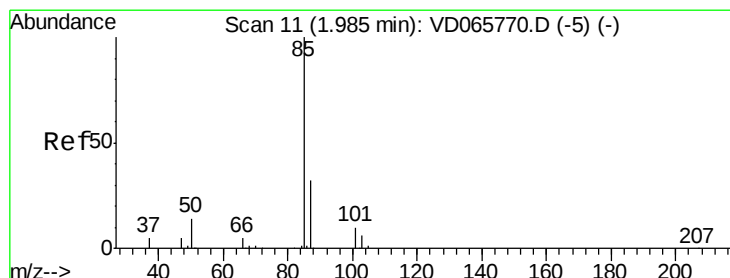
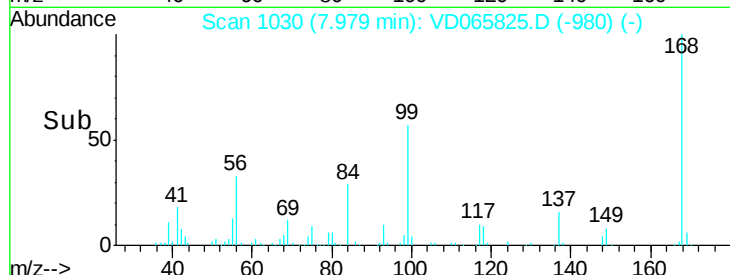
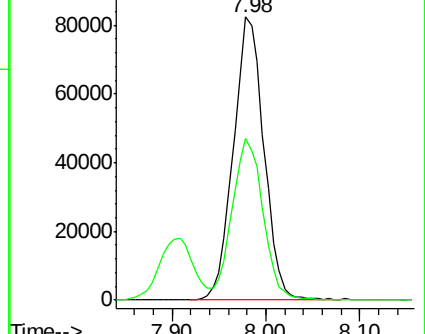
168 100

99 56.7 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 23.008 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD065825.D

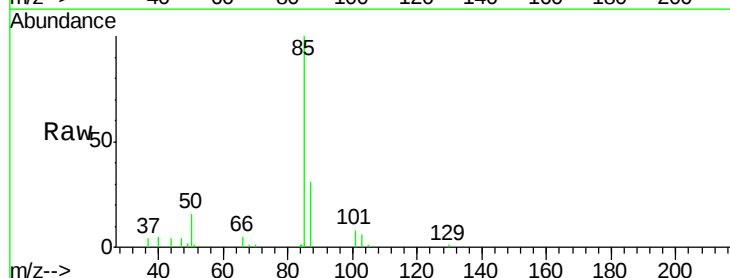
Acq: 19 Jun 2020 13:34

Tgt Ion: 85 Resp: 31427

Ion Ratio Lower Upper

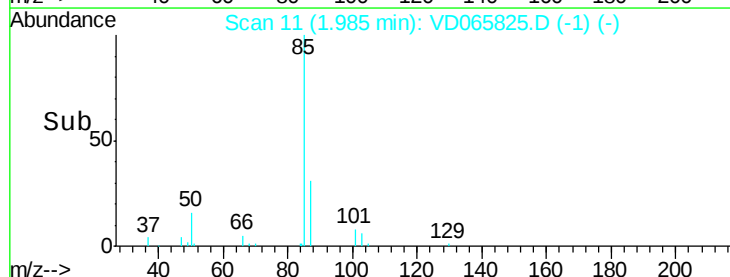
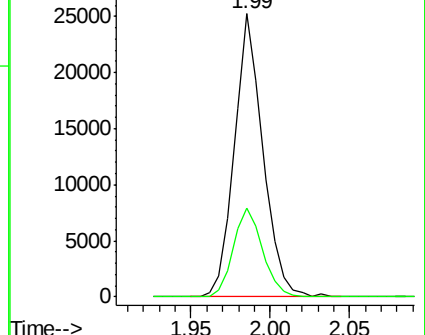
85 100

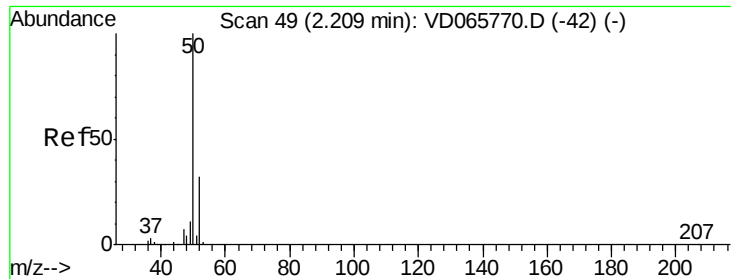
87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.982 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

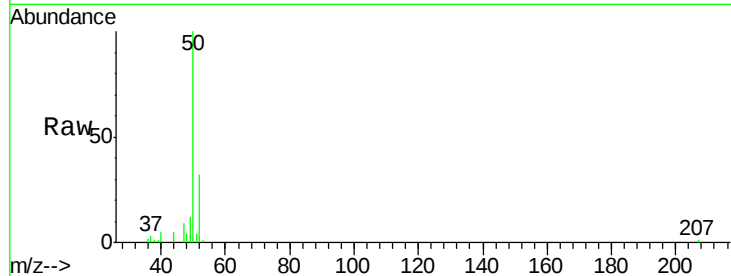
VD0619SBS01

Tot Ion: 50 Resp: 56150

Ion Ratio Lower Upper

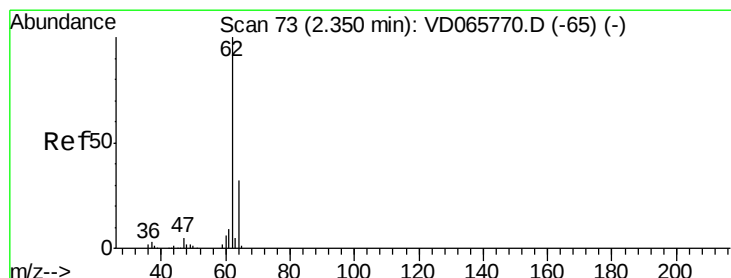
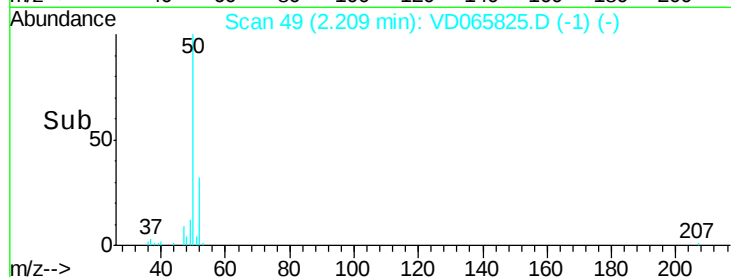
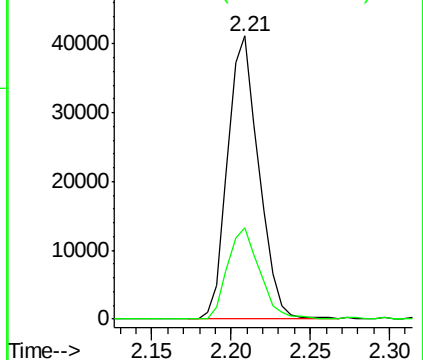
50 100

52 32.1 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 24.651 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065825.D

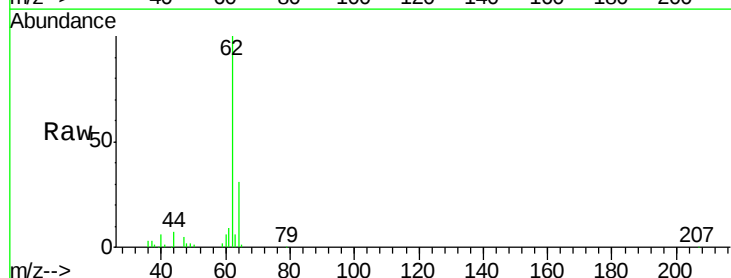
Acq: 19 Jun 2020 13:34

Tgt Ion: 62 Resp: 67601

Ion Ratio Lower Upper

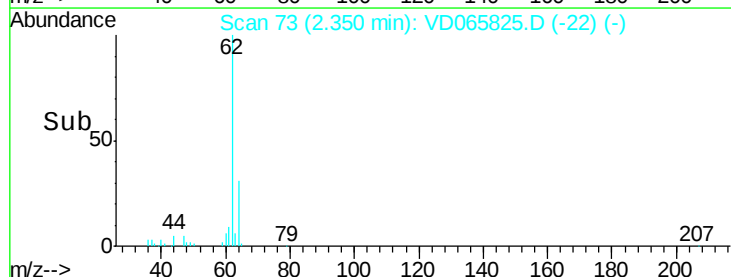
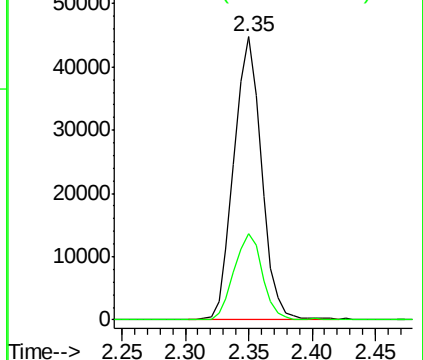
62 100

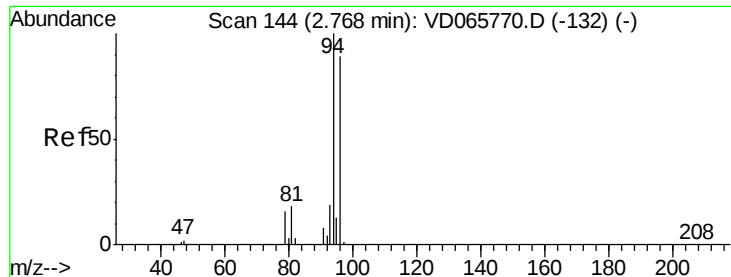
64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 23.722 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

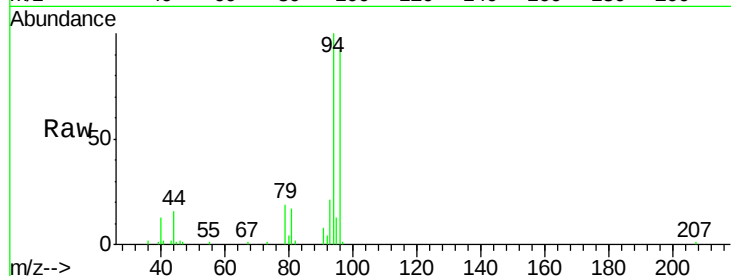
VD0619SBS01

Tot Ion: 94 Resp: 45495

Ion Ratio Lower Upper

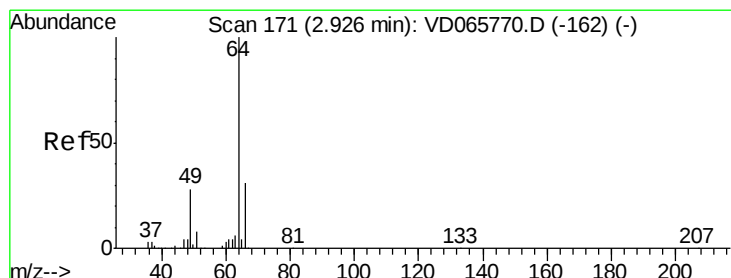
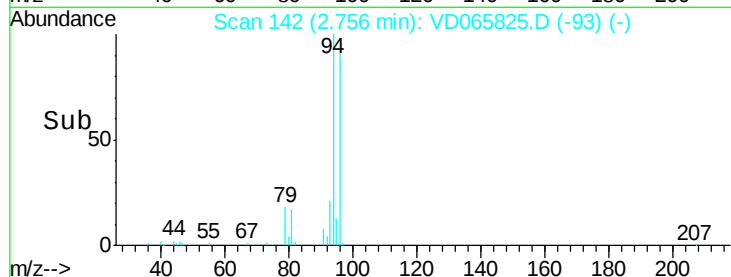
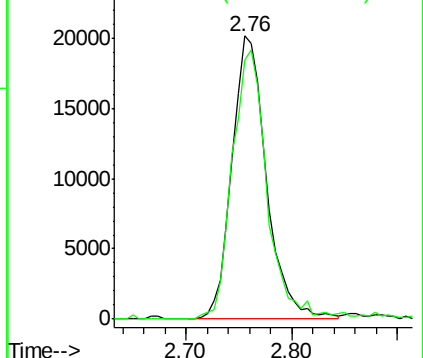
94 100

96 91.5 71.4 107.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 24.160 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065825.D

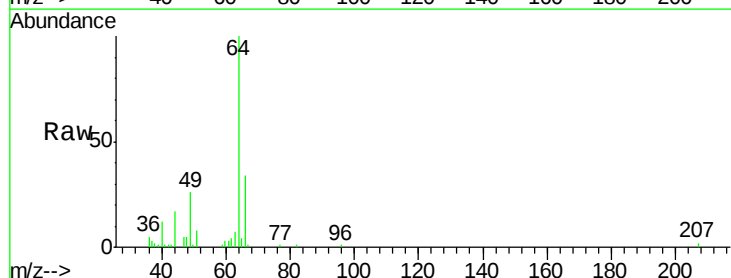
Acq: 19 Jun 2020 13:34

Tgt Ion: 64 Resp: 44799

Ion Ratio Lower Upper

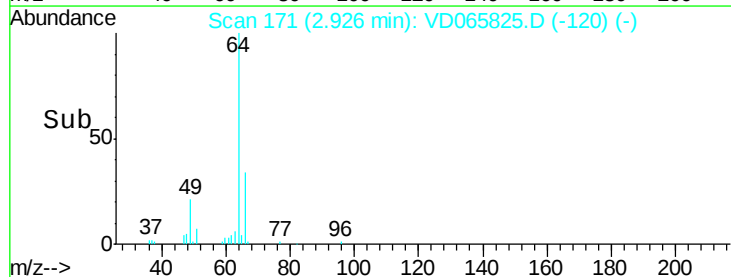
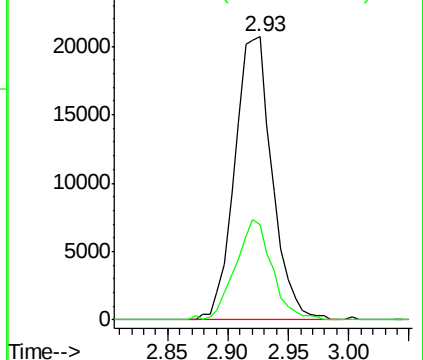
64 100

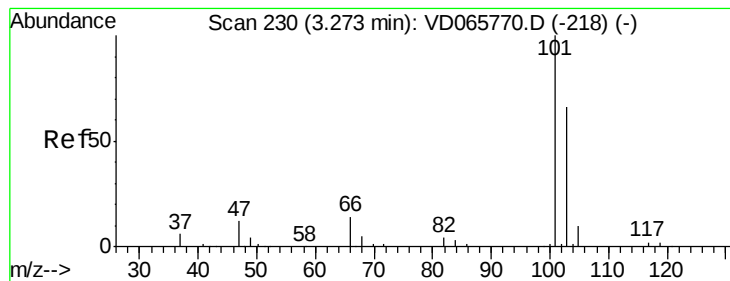
66 33.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



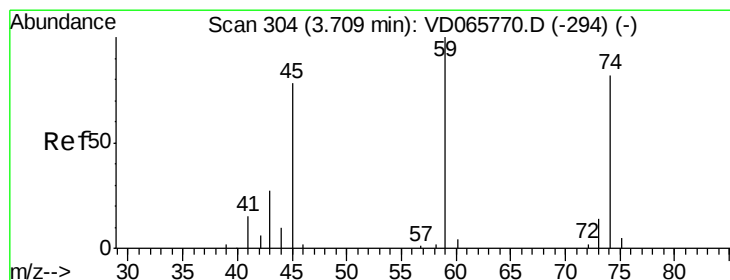
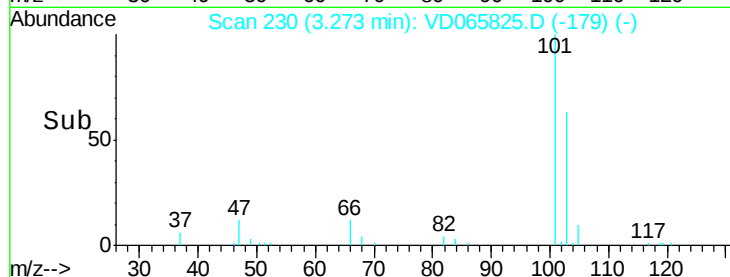
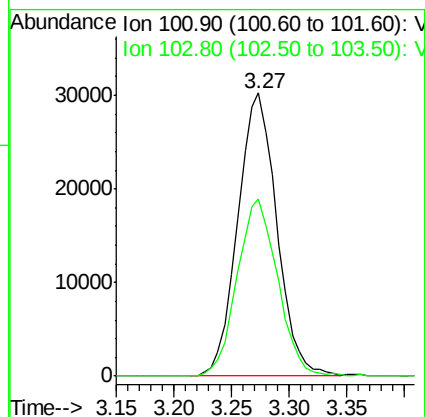
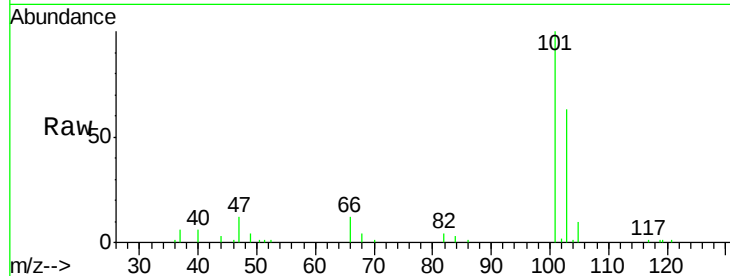


#7

Trichlorofluoromethane
 Concen: 22.916 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

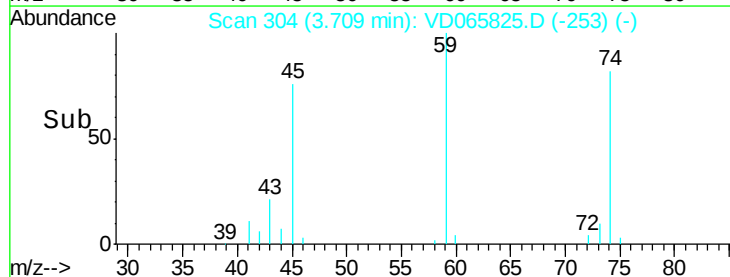
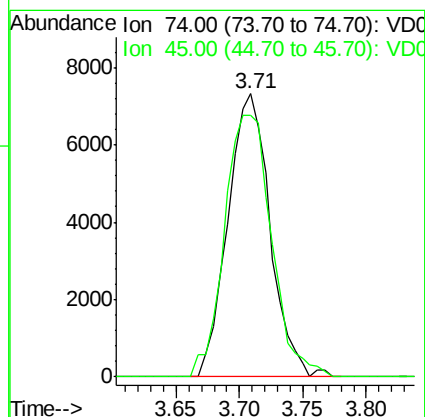
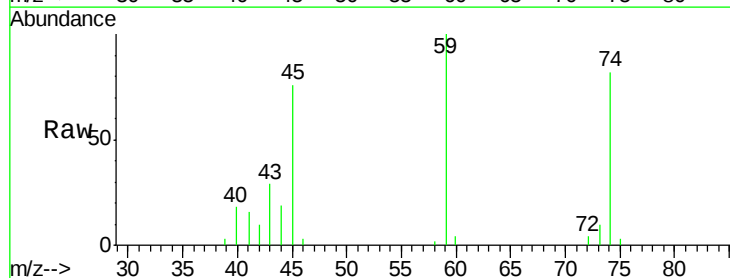
Tot Ion:101 Resp: 71201
 Ion Ratio Lower Upper
 101 100
 103 62.6 53.1 79.7

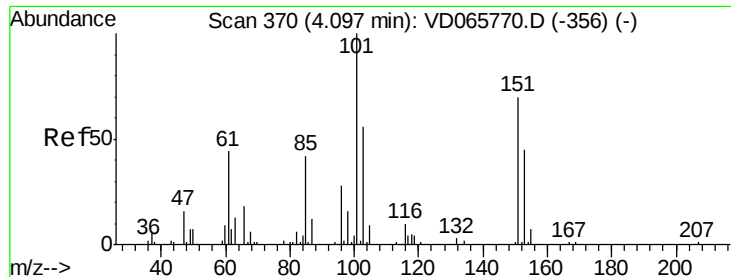


#8

Diethyl Ether
 Concen: 20.631 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion: 74 Resp: 16853
 Ion Ratio Lower Upper
 74 100
 45 103.6 47.9 143.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.449 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

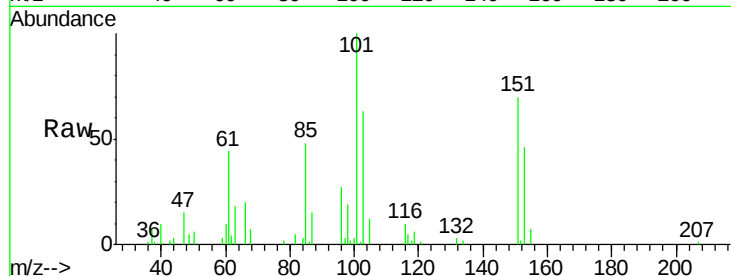
Tot Ion:101 Resp: 39737

Ion Ratio Lower Upper

101 100

85 45.7 36.5 54.7

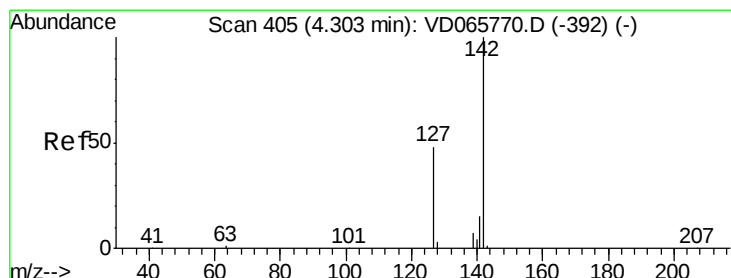
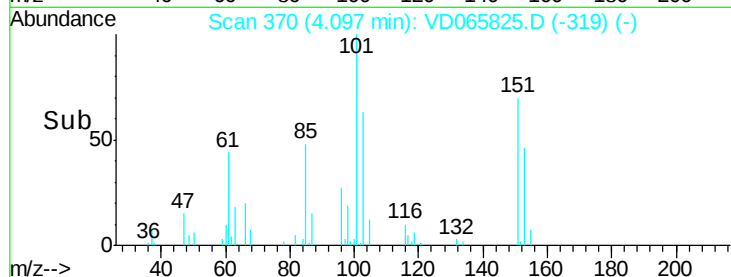
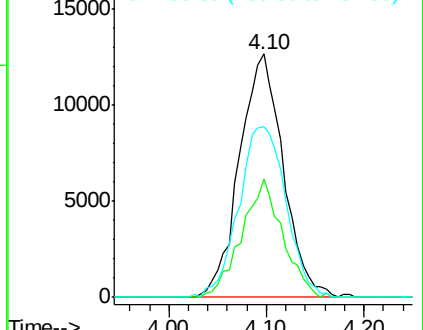
151 76.0 61.8 92.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.650 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

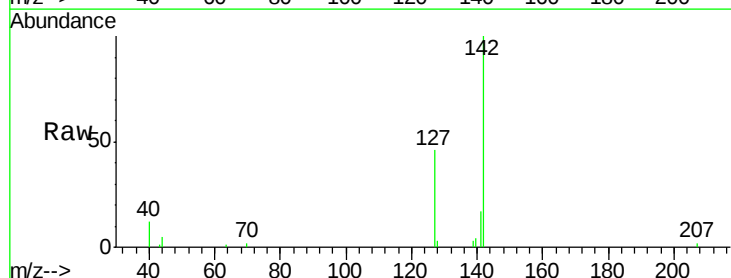
Tgt Ion:142 Resp: 37255

Ion Ratio Lower Upper

142 100

127 47.2 37.6 56.4

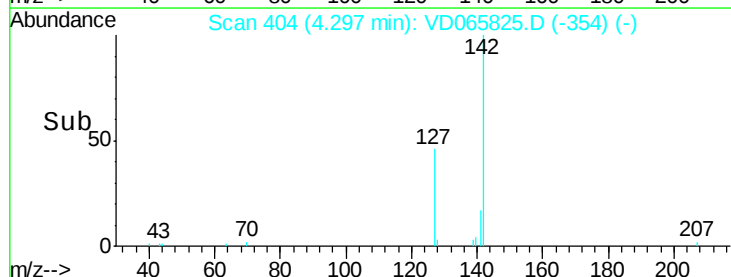
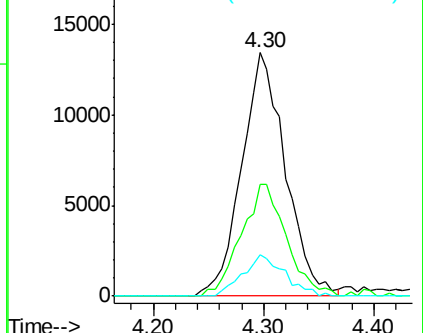
141 16.2 12.1 18.1

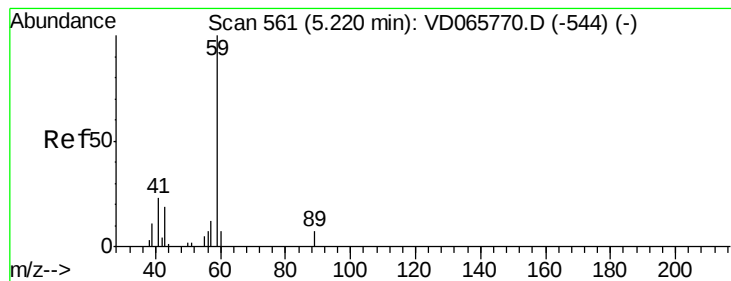


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 109.549 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

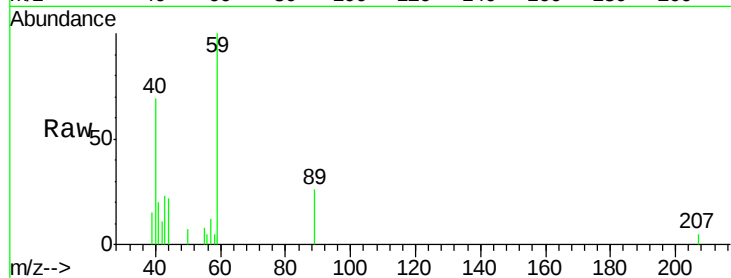
VD0619SBS01

Tot Ion: 59 Resp: 13336

Ion Ratio Lower Upper

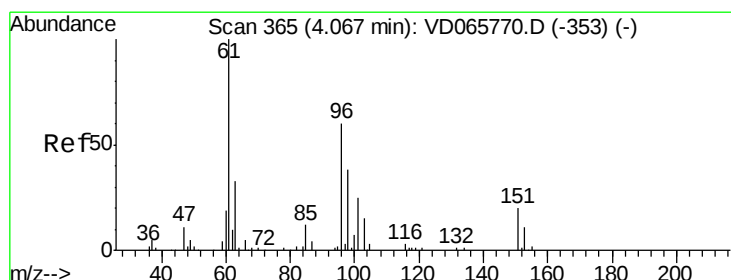
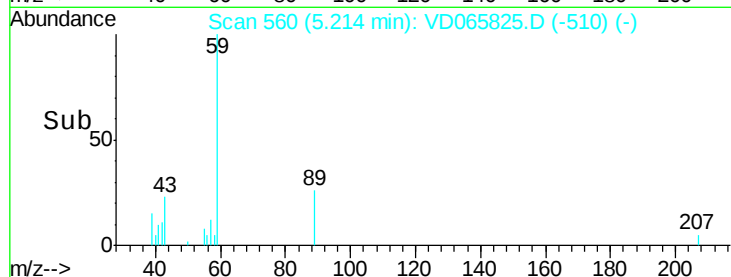
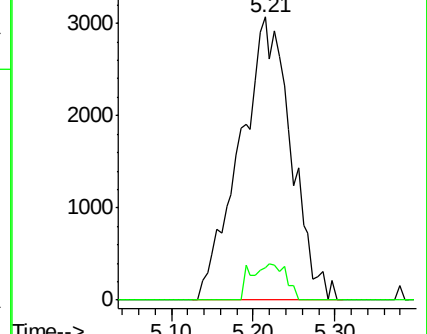
59 100

57 6.5 7.5 11.3#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.906 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

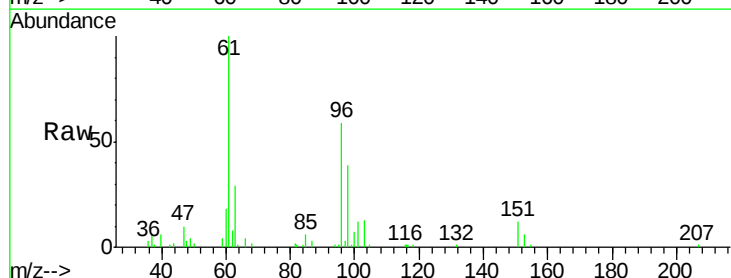
Tgt Ion: 96 Resp: 36990

Ion Ratio Lower Upper

96 100

61 170.0 132.3 198.5

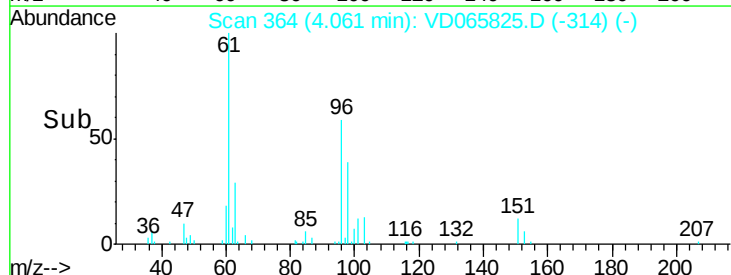
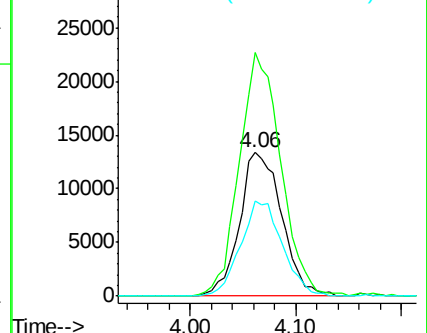
98 66.8 50.7 76.1



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: 77.925 ug/l

RT: 3.93 min Scan# 341

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

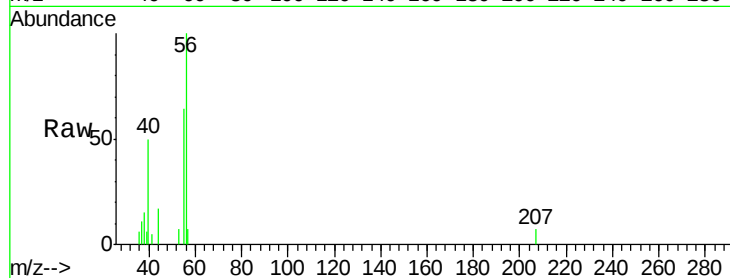
VD0619SBS01

Tot Ion: 56 Resp: 8039

Ion Ratio Lower Upper

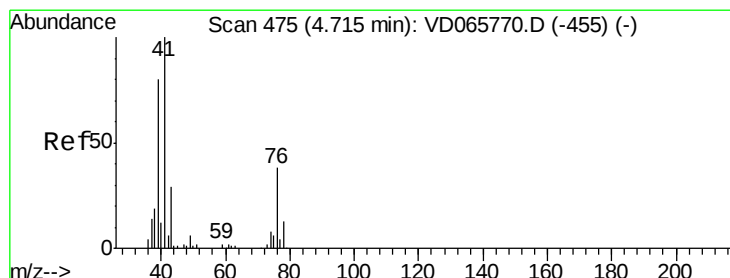
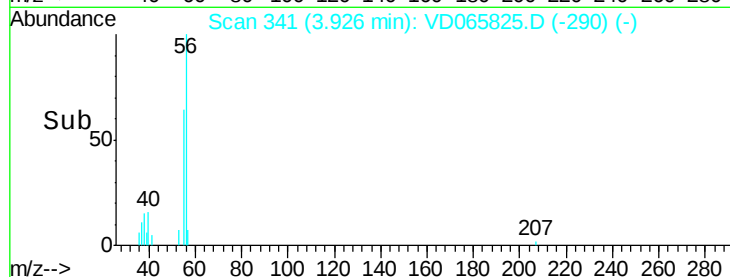
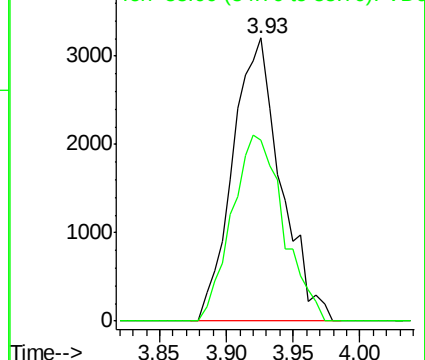
56 100

55 70.2 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.785 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

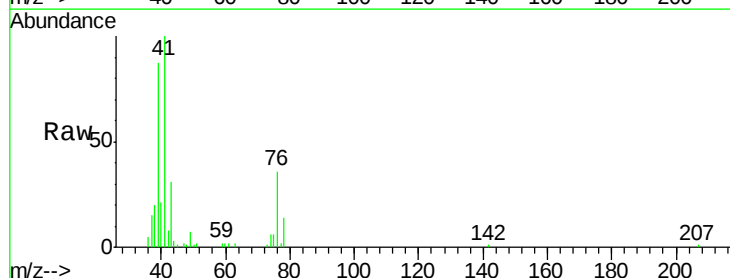
Tgt Ion: 41 Resp: 60798

Ion Ratio Lower Upper

41 100

39 78.0 60.9 91.3

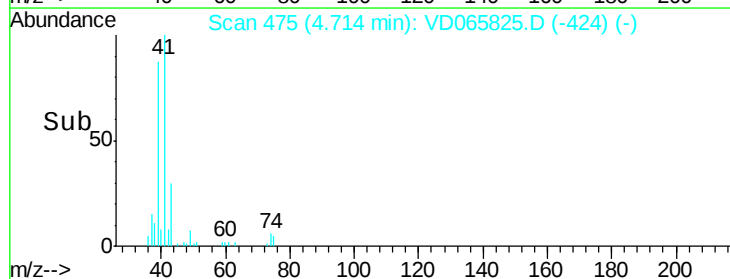
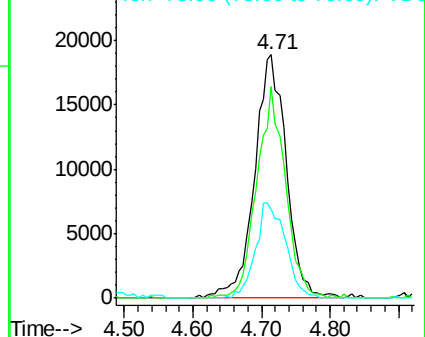
76 37.1 28.9 43.3

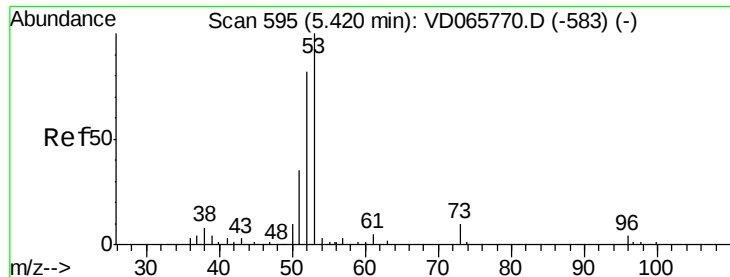


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 103.498 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

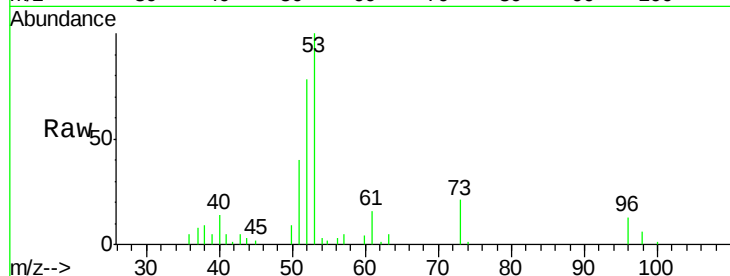
Tot Ion: 53 Resp: 38399

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

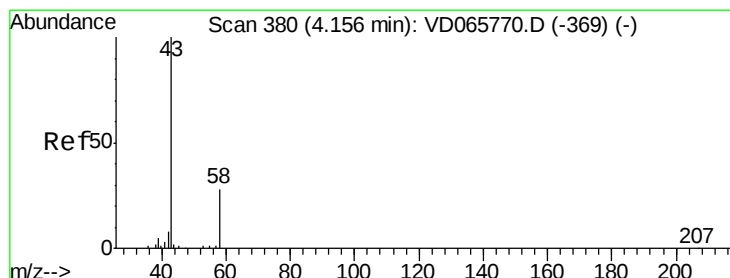
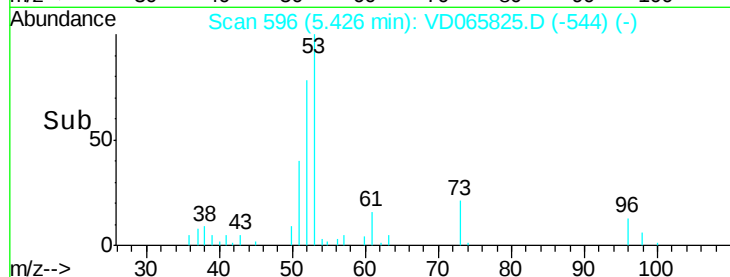
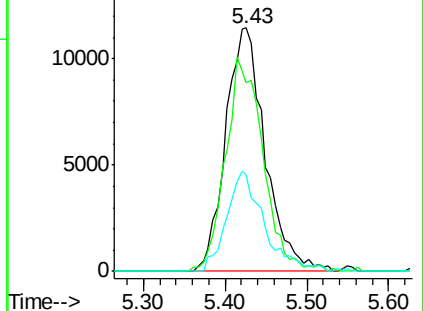
51 39.1 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 117.962 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD065825.D

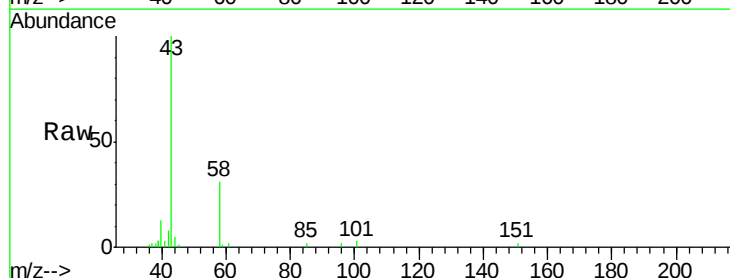
Acq: 19 Jun 2020 13:34

Tgt Ion: 43 Resp: 40869

Ion Ratio Lower Upper

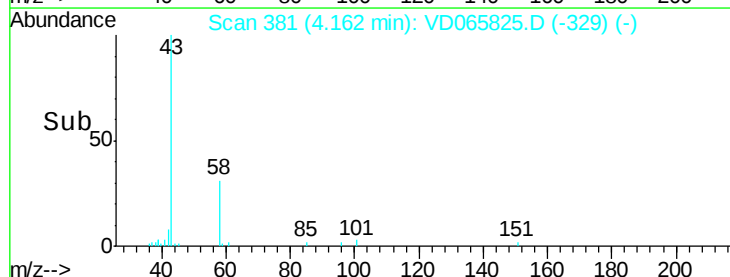
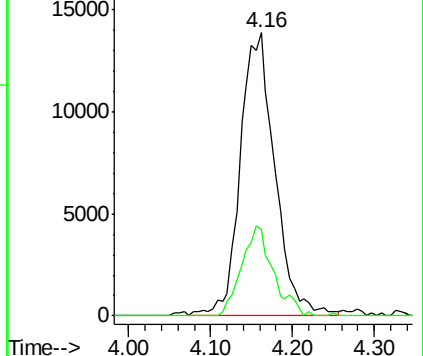
43 100

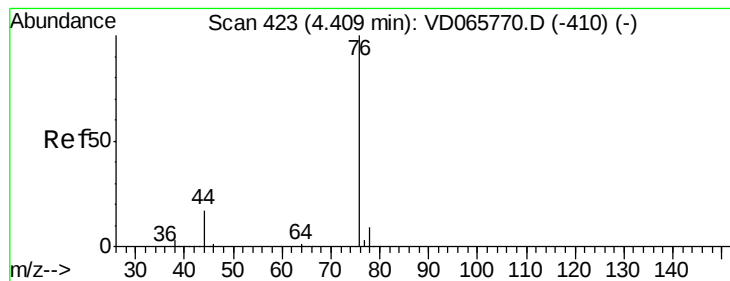
58 30.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 21.627 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

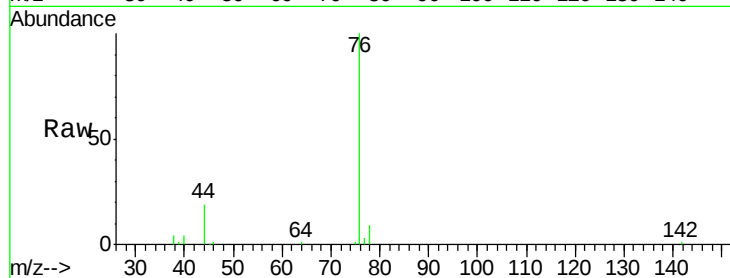
VD0619SBS01

Tot Ion: 76 Resp: 122570

Ion Ratio Lower Upper

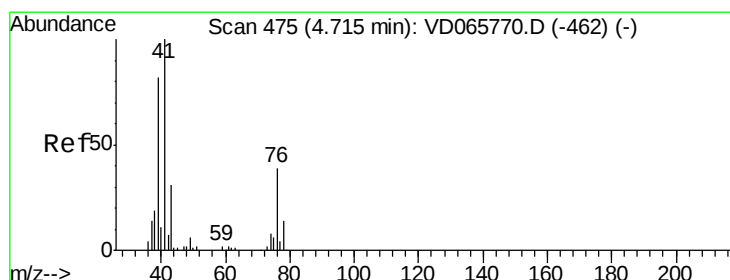
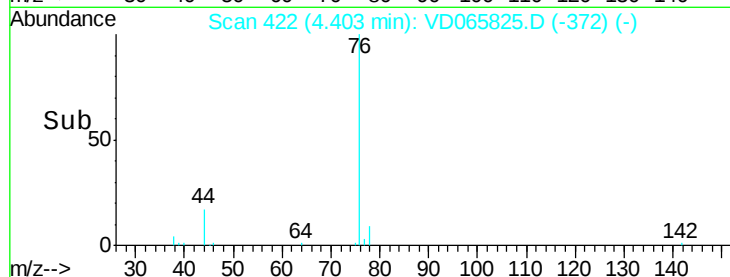
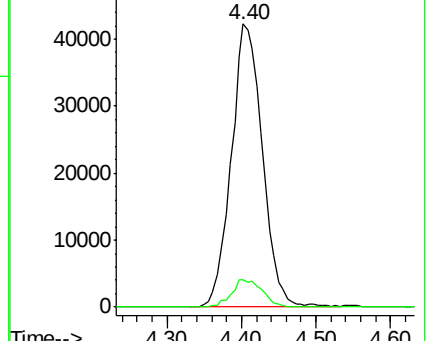
76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 21.168 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD065825.D

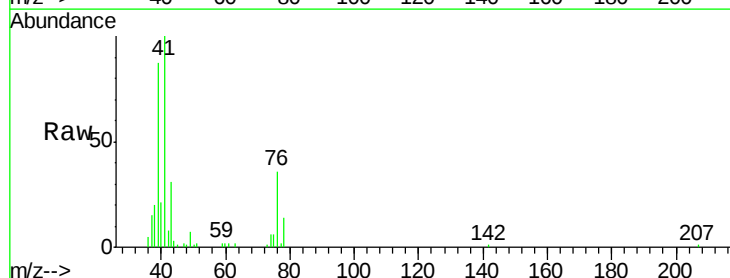
Acq: 19 Jun 2020 13:34

Tgt Ion: 43 Resp: 18179

Ion Ratio Lower Upper

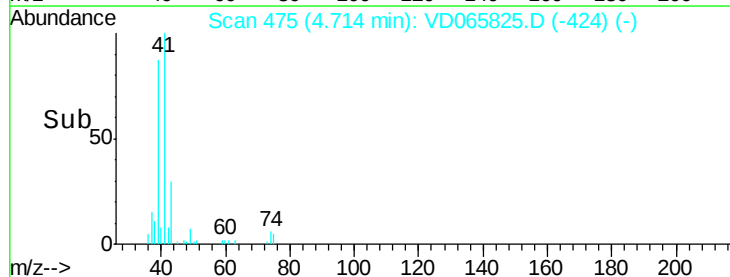
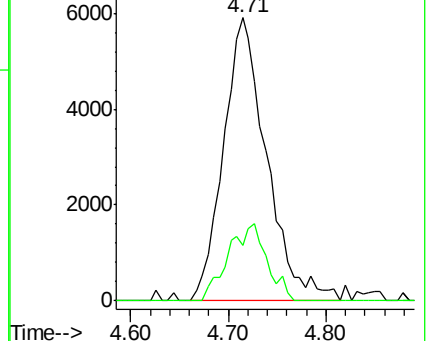
43 100

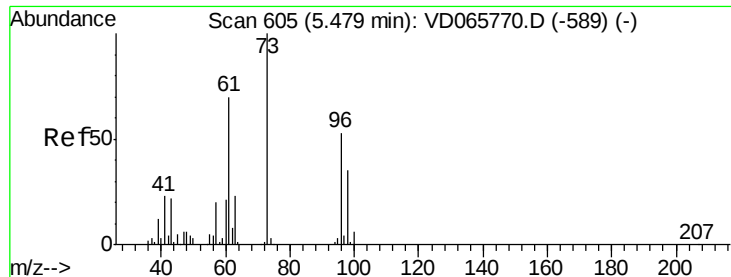
74 24.5 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



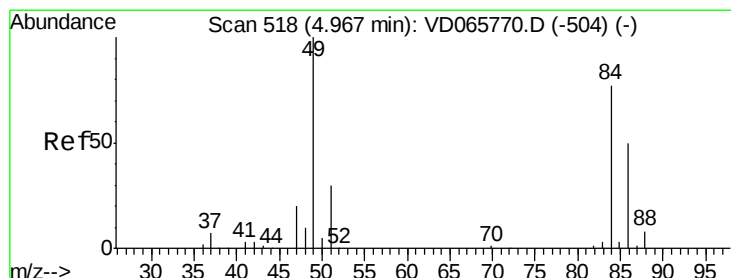
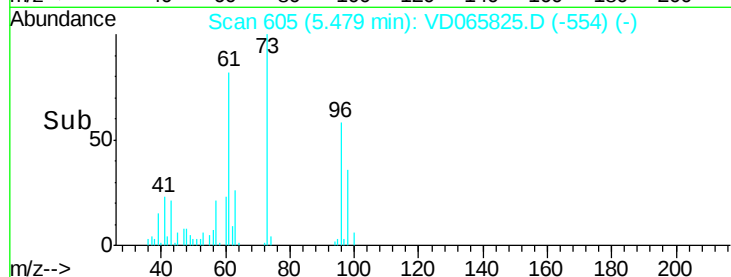
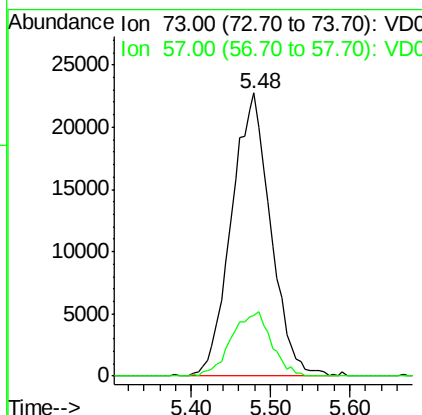
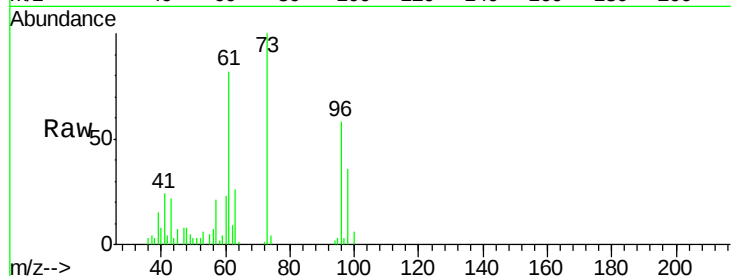


#19

Methyl tert-butyl Ether
 Concen: 20.386 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

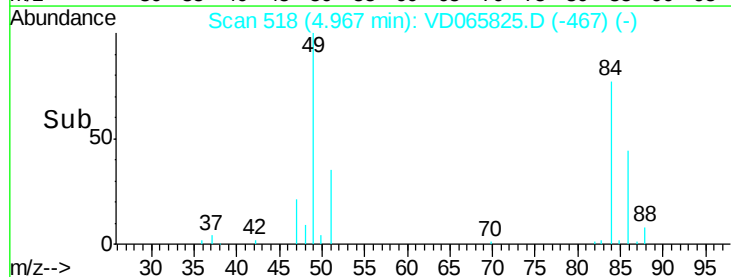
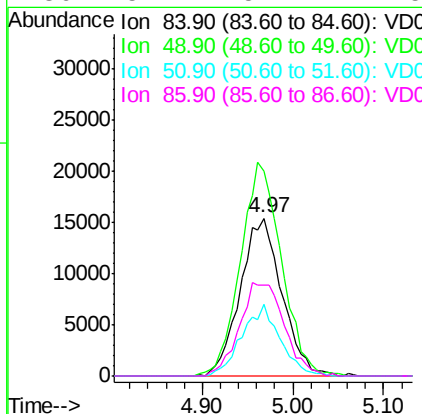
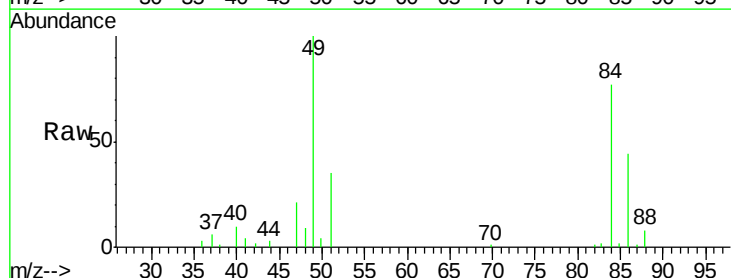
Tot Ion: 73 Resp: 77972
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.2 24.2

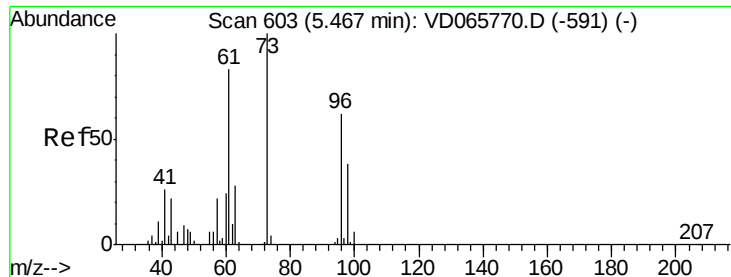


#20

Methylene Chloride
 Concen: 24.447 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion: 84 Resp: 49164
 Ion Ratio Lower Upper
 84 100
 49 130.4 103.4 155.0
 51 45.8 31.4 47.2
 86 57.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 21.596 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

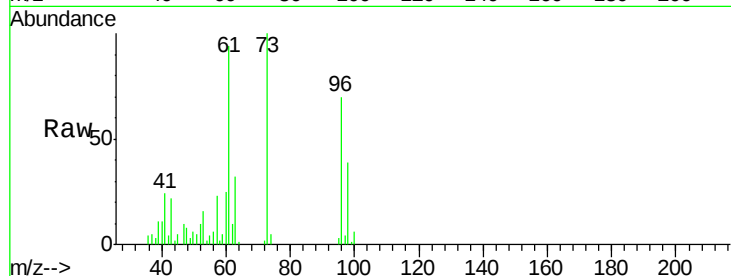
Tot Ion: 96 Resp: 42707

Ion Ratio Lower Upper

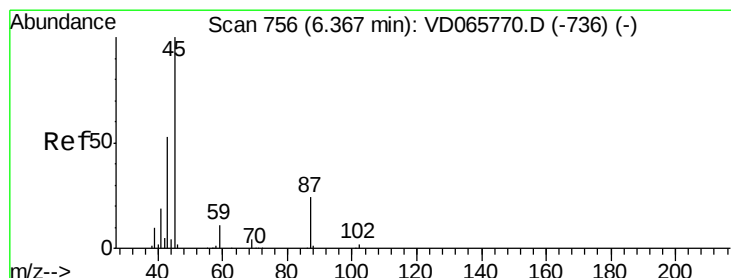
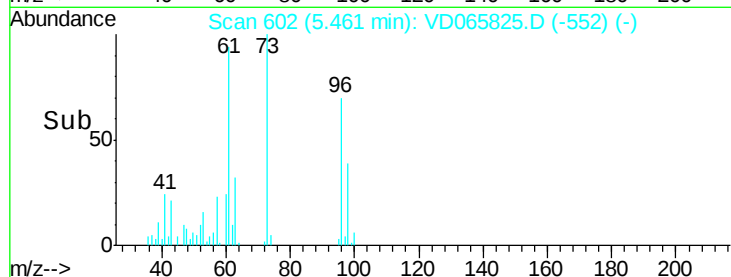
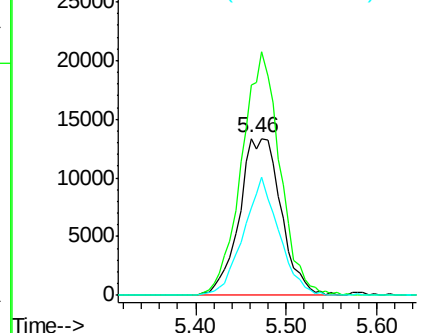
96 100

61 134.7 107.7 161.5

98 55.6 49.3 73.9



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



#22

Diisopropyl ether

Concen: 21.741 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Tgt Ion: 45 Resp: 122598

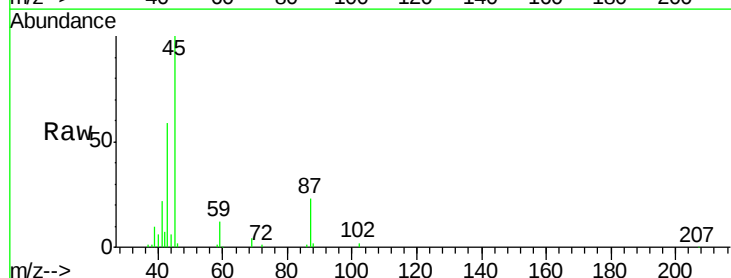
Ion Ratio Lower Upper

45 100

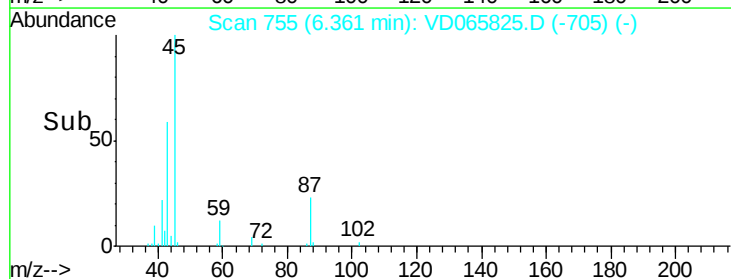
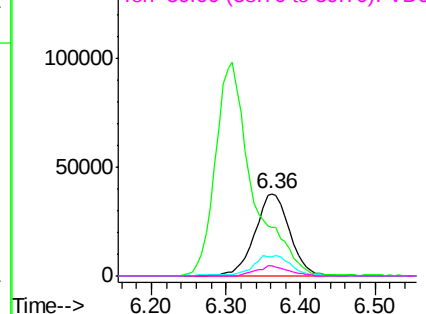
43 58.0 43.4 65.0

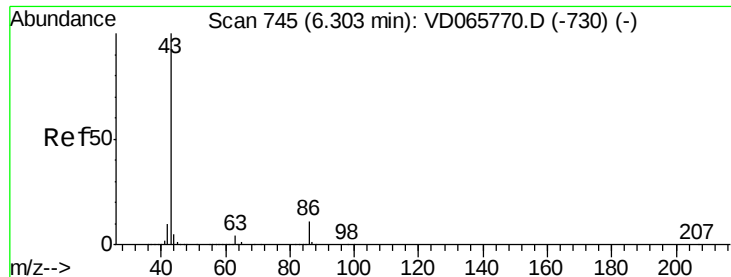
87 22.8 20.2 30.4

59 12.1 9.4 14.0



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: 106.840 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

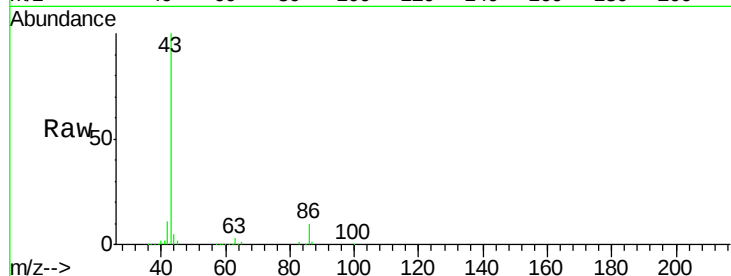
VD0619SBS01

Tot Ion: 43 Resp: 340211

Ion Ratio Lower Upper

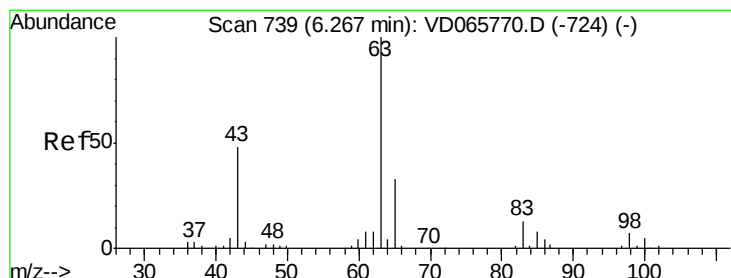
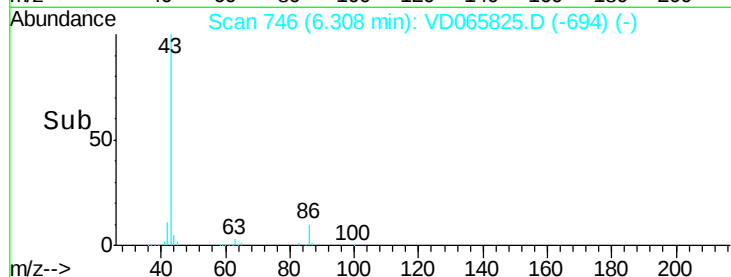
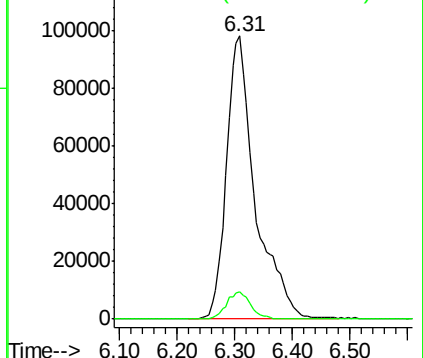
43 100

86 9.8 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.931 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

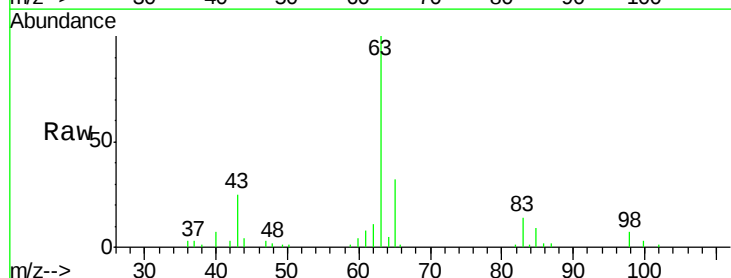
Tgt Ion: 63 Resp: 75353

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

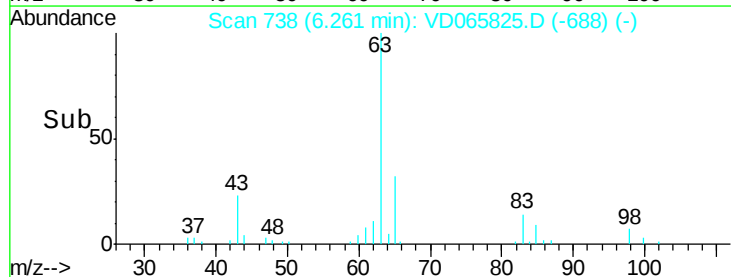
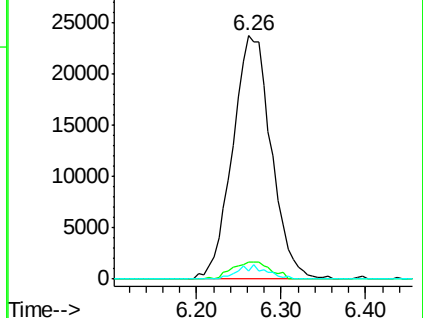
100 3.4 2.3 6.9

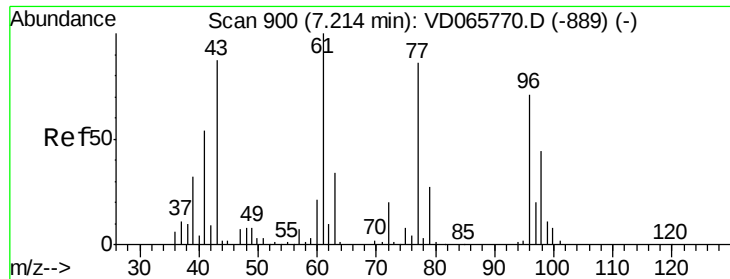


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 109.211 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

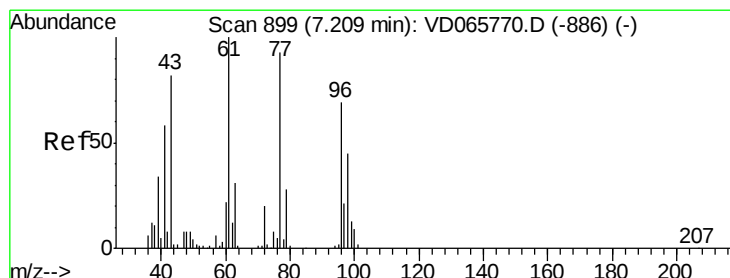
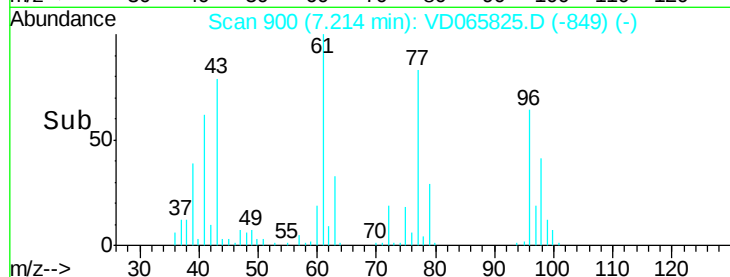
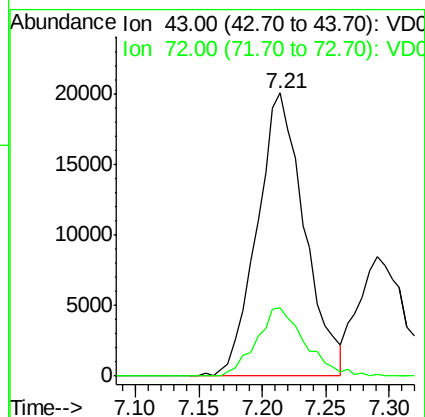
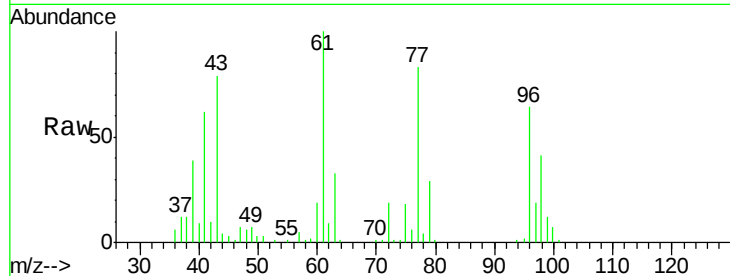
VD0619SBS01

Tot Ion: 43 Resp: 52255

Ion Ratio Lower Upper

43 100

72 24.3 18.5 27.7



#26

2,2-Dichloropropane

Concen: 21.481 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD065825.D

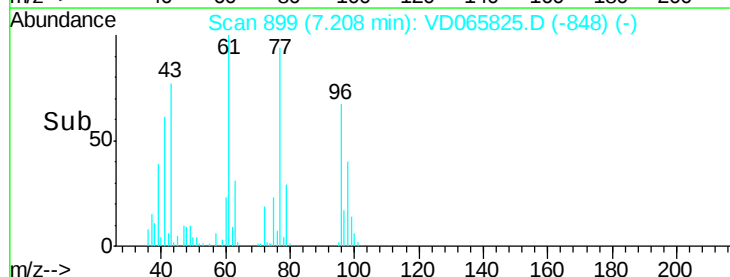
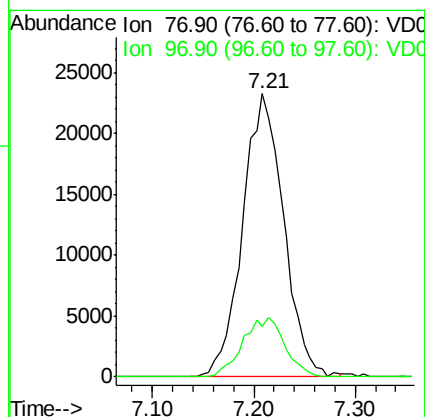
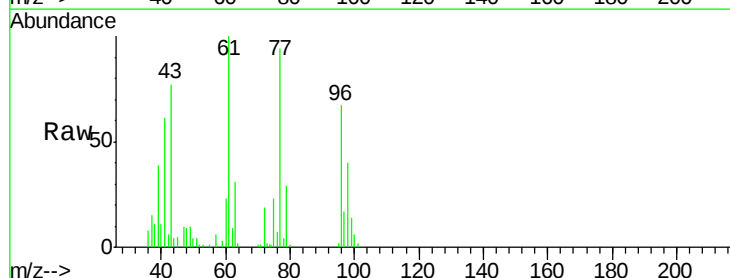
Acq: 19 Jun 2020 13:34

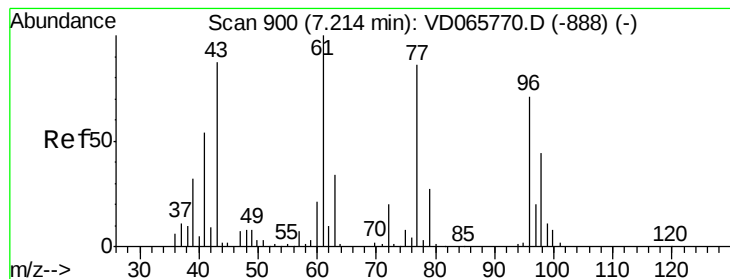
Tgt Ion: 77 Resp: 65443

Ion Ratio Lower Upper

77 100

97 21.6 10.9 32.7



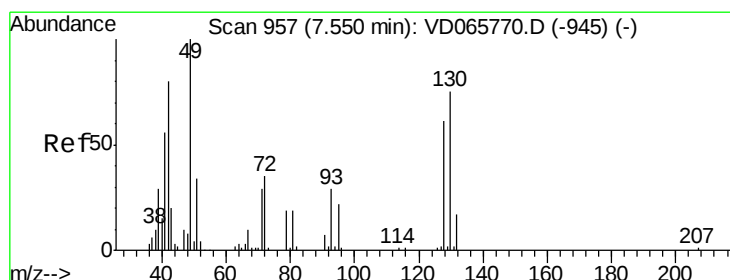
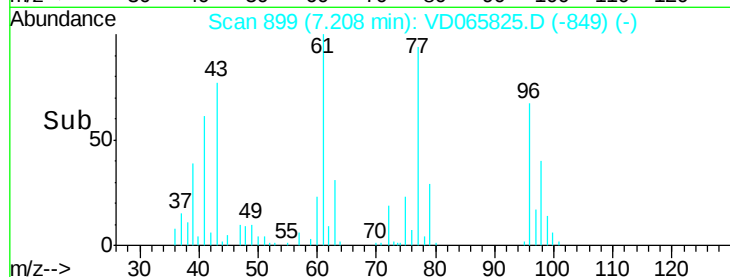
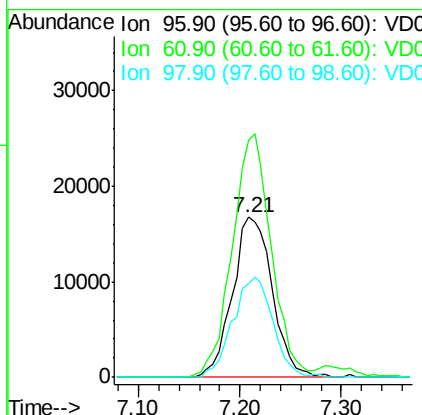
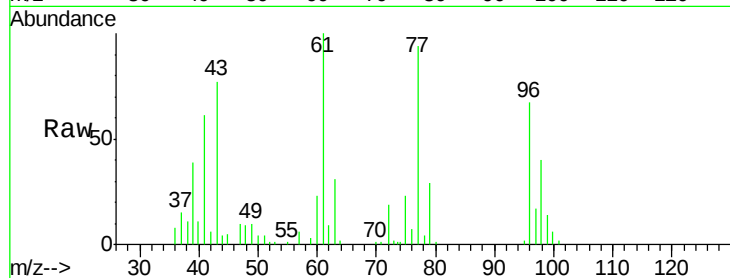


#27

cis-1,2-Dichloroethene
Concen: 21.554 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

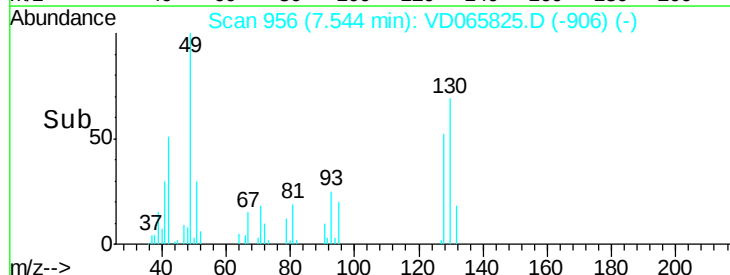
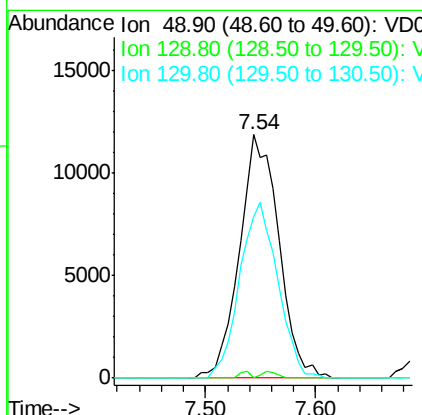
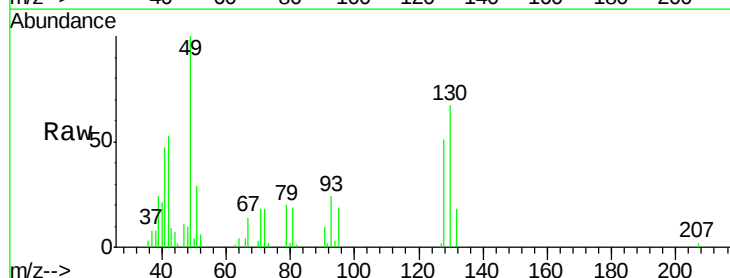
Tot Ion: 96 Resp: 45850
Ion Ratio Lower Upper
96 100
61 148.9 0.0 291.2
98 62.7 0.0 128.8

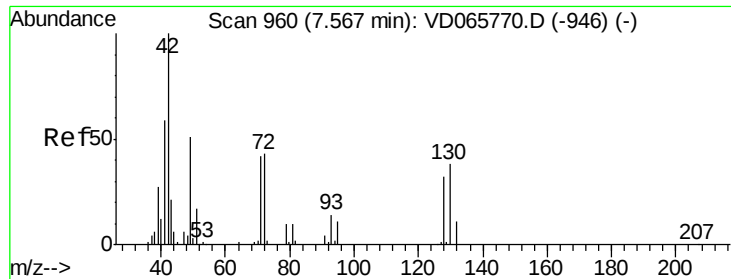


#28

Bromochloromethane
Concen: 22.399 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 49 Resp: 29724
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.6
130 69.9 59.5 89.3

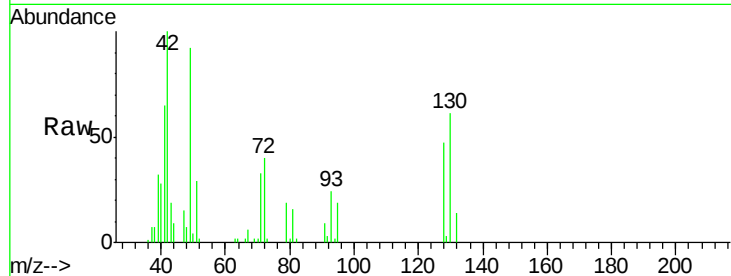




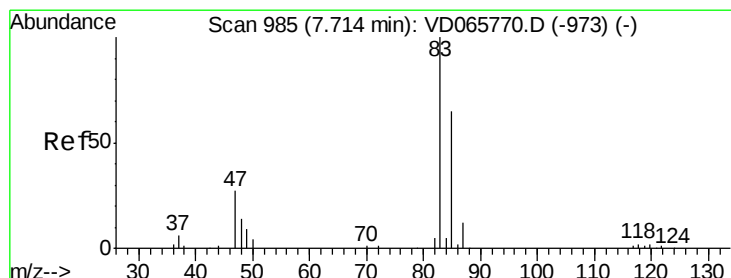
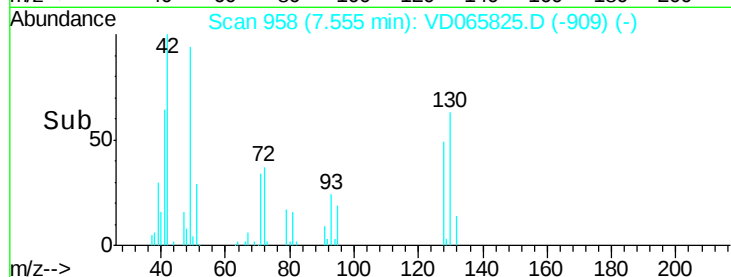
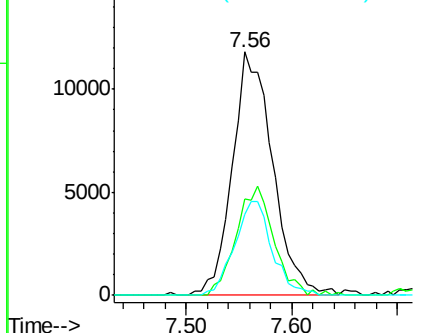
#29
Tetrahydrofuran
Concen: 103.509 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tot Ion: 42 Resp: 31302
Ion Ratio Lower Upper
42 100
72 41.4 34.9 52.3
71 36.0 31.2 46.8

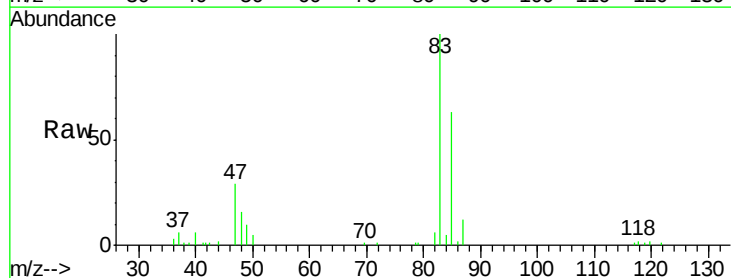


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

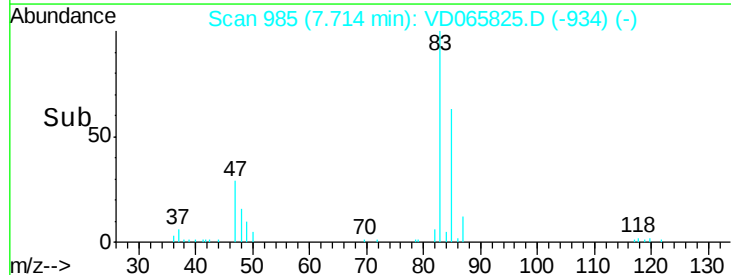
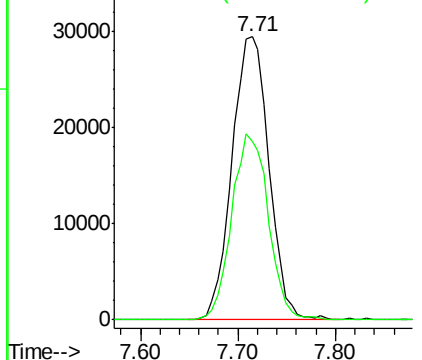


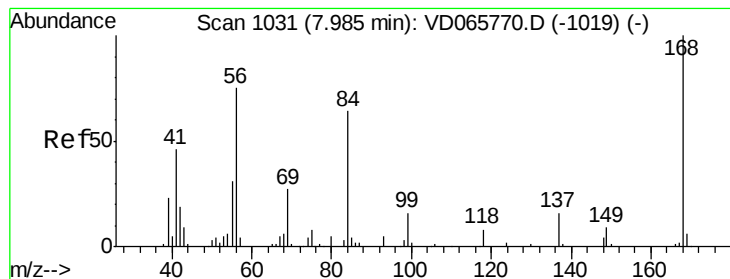
#30
Chloroform
Concen: 21.694 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 83 Resp: 77259
Ion Ratio Lower Upper
83 100
85 63.1 51.9 77.9



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





#31

Cyclohexane

Concen: 20.968 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

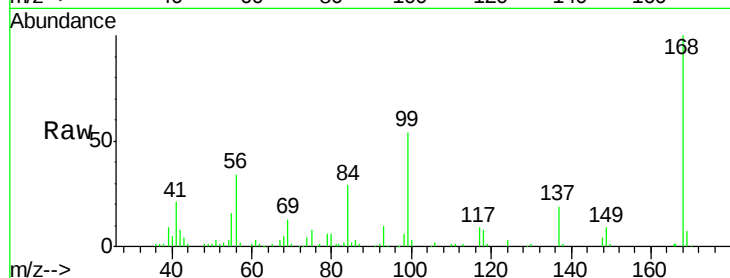
Tot Ion: 56 Resp: 69064

Ion Ratio Lower Upper

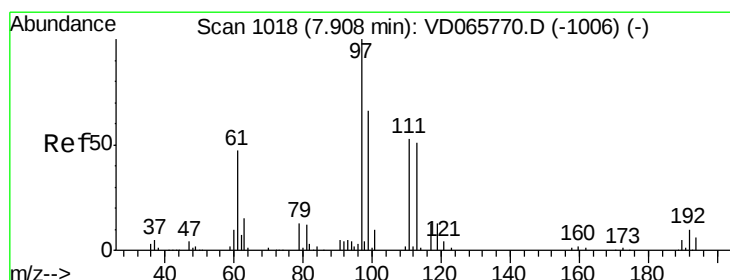
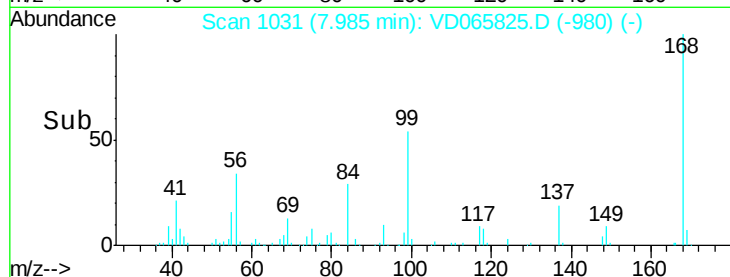
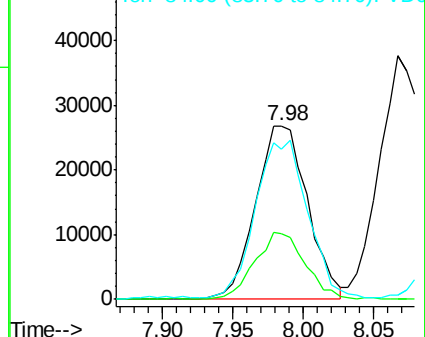
56 100

69 37.6 28.5 42.7

84 85.7 68.4 102.6



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: 21.624 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

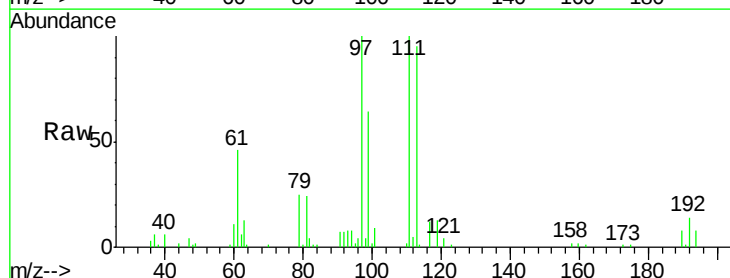
Tgt Ion: 97 Resp: 70812

Ion Ratio Lower Upper

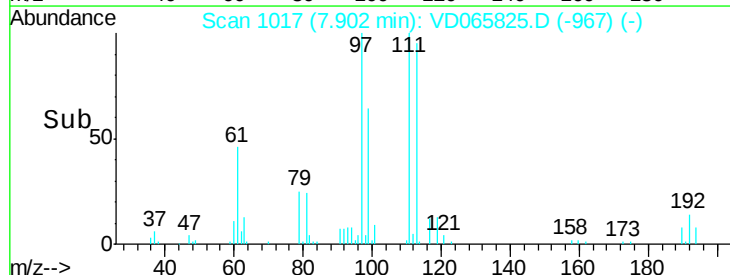
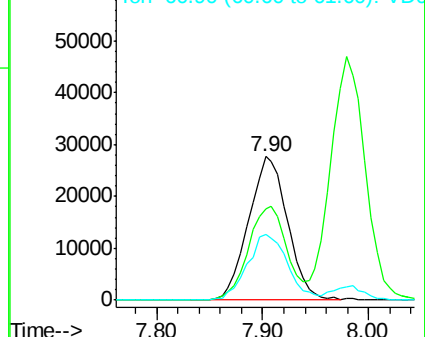
97 100

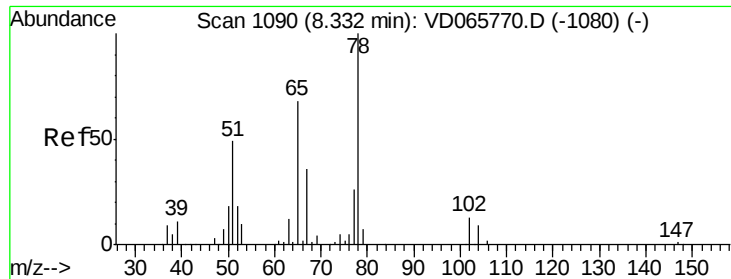
99 64.4 49.2 73.8

61 47.2 36.0 54.0



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: 52.748 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

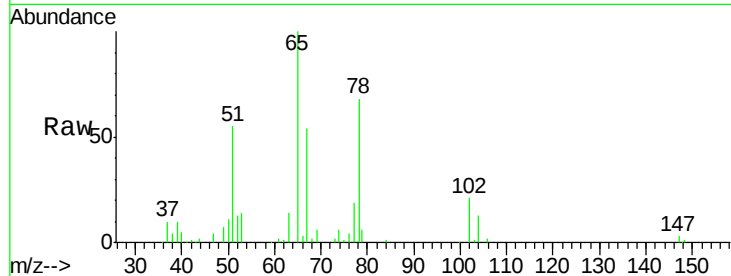
VD0619SBS01

Tot Ion: 65 Resp: 96881

Ion Ratio Lower Upper

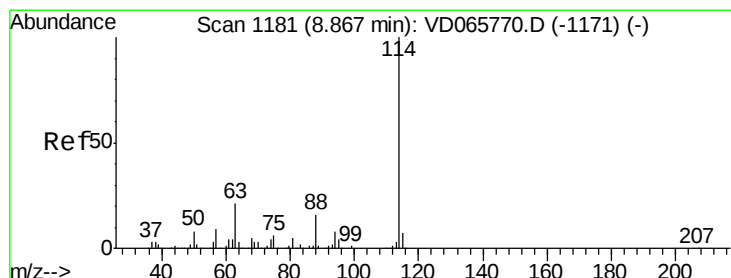
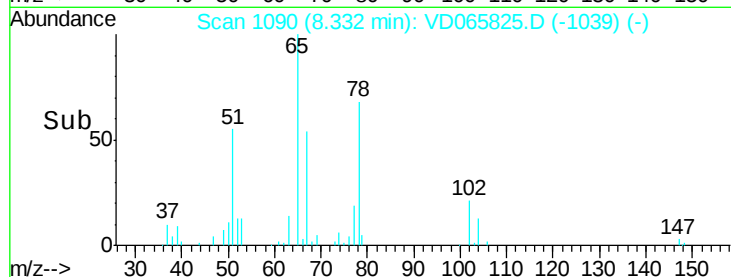
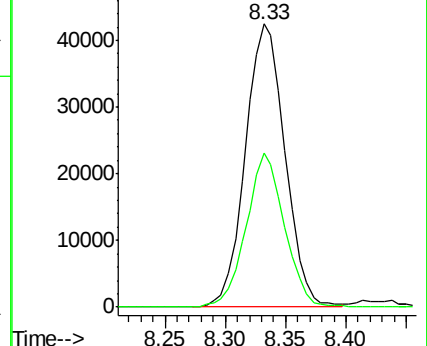
65 100

67 52.3 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

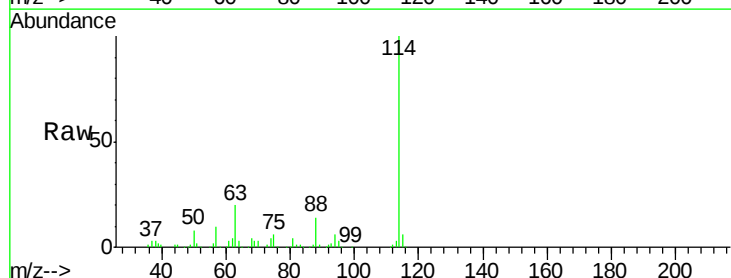
Tgt Ion: 114 Resp: 297408

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.8

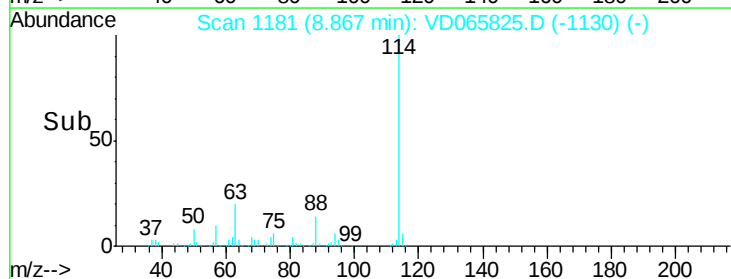
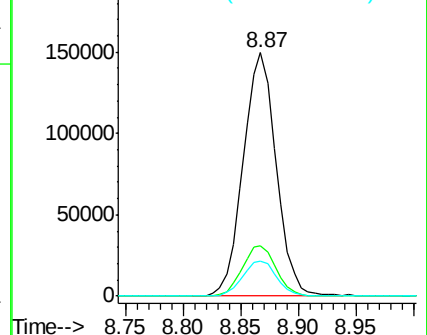
88 14.4 0.0 32.0

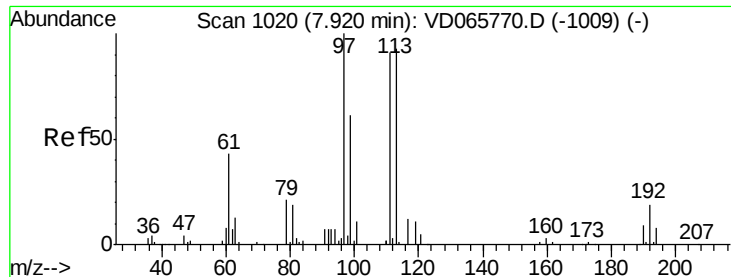


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

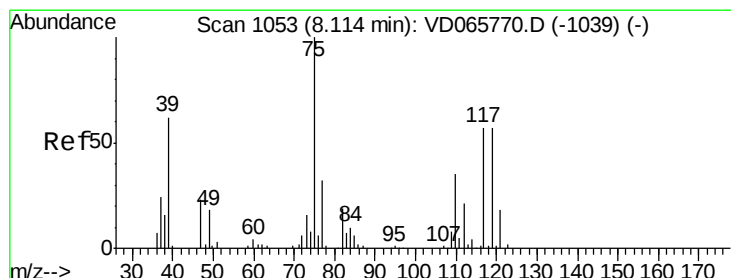
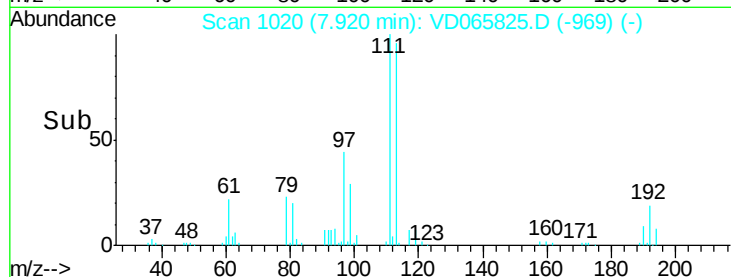
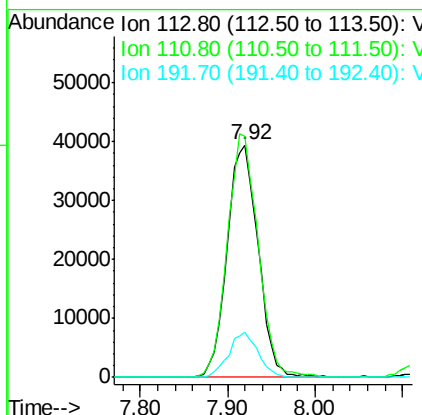
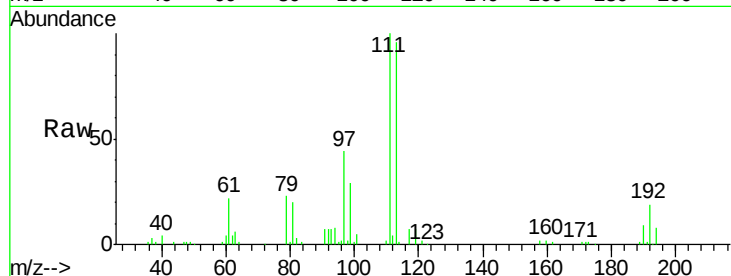




#35
 Dibromofluoromethane
 Concen: 50.701 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

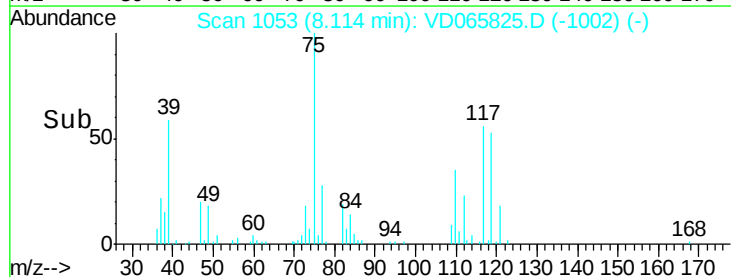
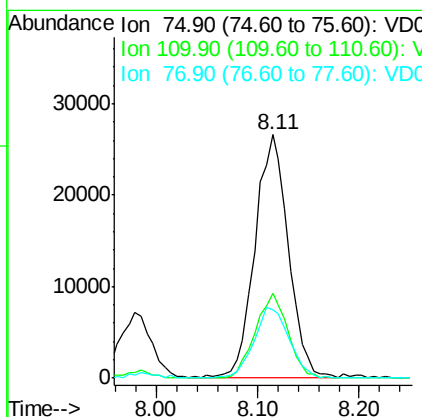
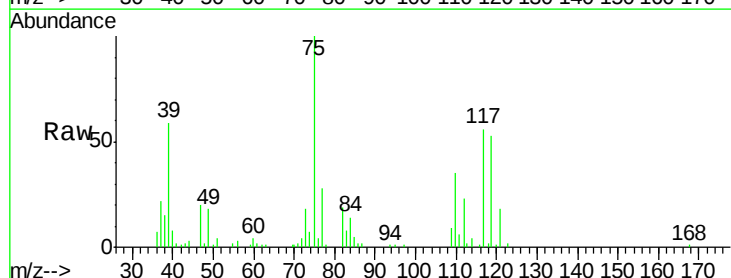
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

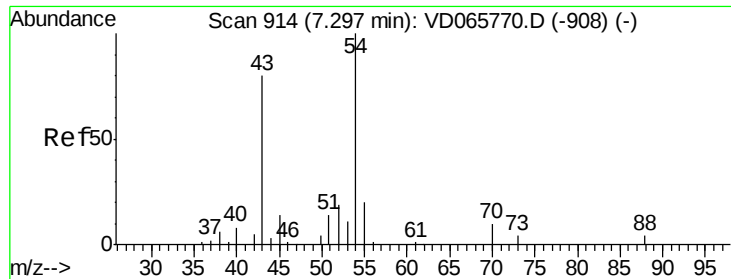
Tot Ion:113 Resp: 95247
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.4 125.0
 192 18.5 15.7 23.5



#36
 1,1-Dichloropropene
 Concen: 21.417 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion: 75 Resp: 61017
 Ion Ratio Lower Upper
 75 100
 110 33.9 17.6 52.8
 77 30.5 25.1 37.7





#37

Ethyl Acetate

Concen: 19.553 ug/l

RT: 7.29 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

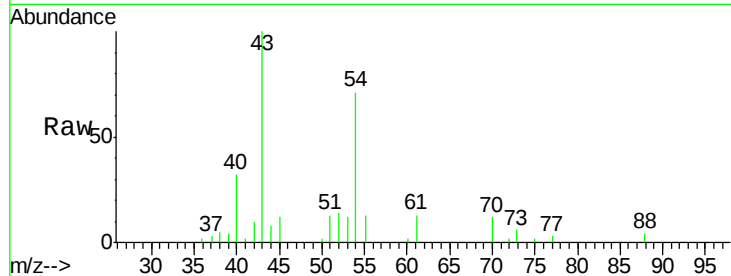
Tot Ion: 43 Resp: 21942

Ion Ratio Lower Upper

43 100

61 13.6 10.6 15.8

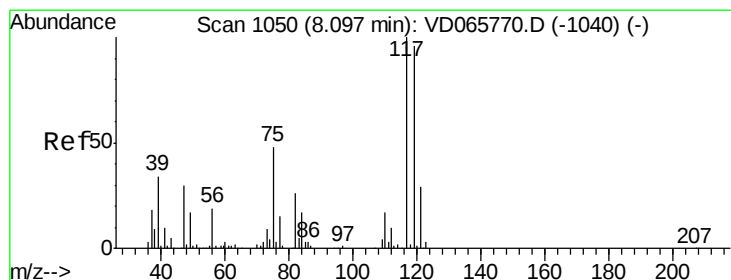
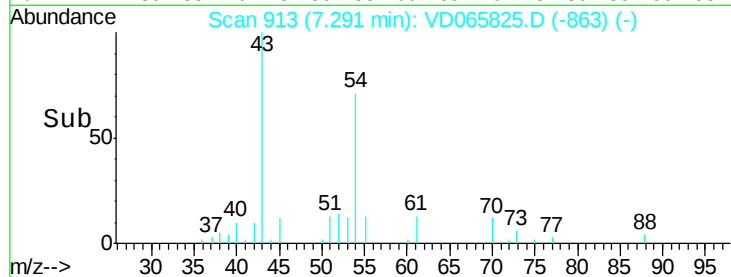
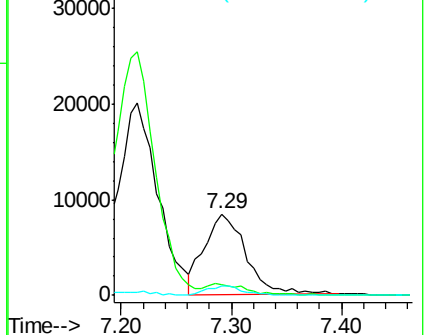
70 10.2 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 21.651 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

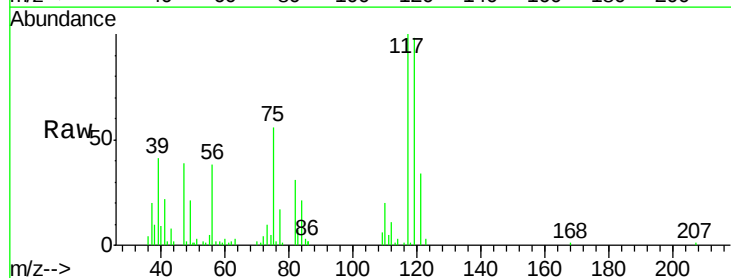
Tgt Ion: 117 Resp: 64916

Ion Ratio Lower Upper

117 100

119 97.8 76.8 115.2

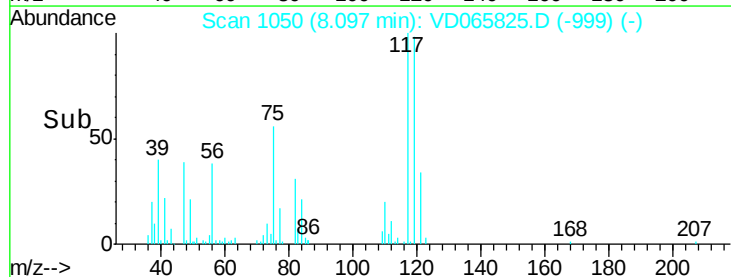
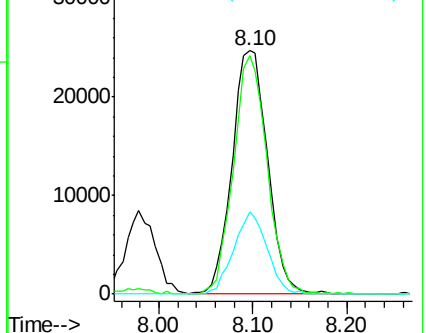
121 33.8 23.4 35.2

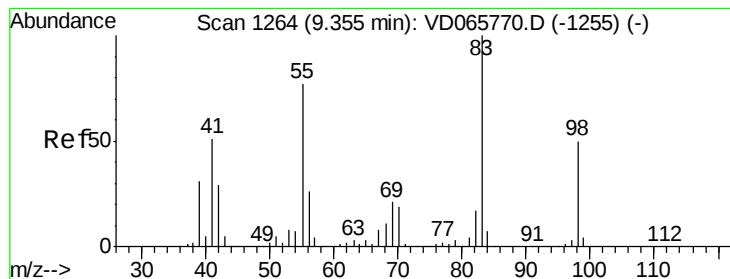


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 20.552 ug/l

RT: 9.36 min Scan# 1265

Delta R.T. 0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

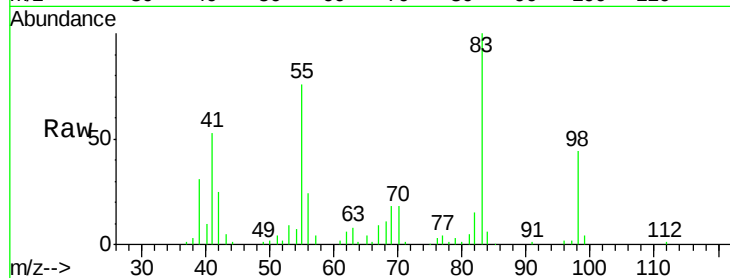
Tot Ion: 83 Resp: 69325

Ion Ratio Lower Upper

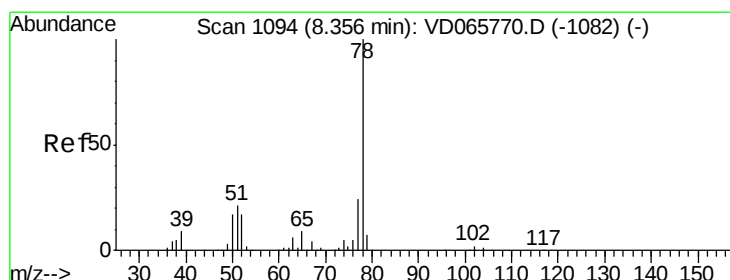
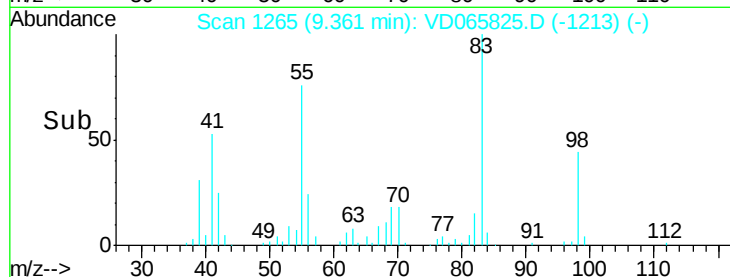
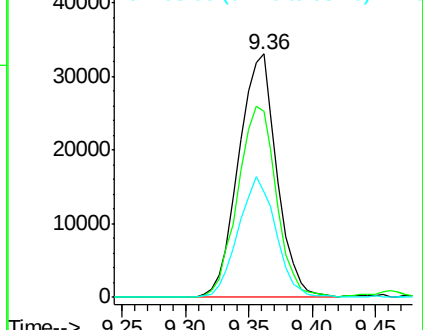
83 100

55 76.4 61.6 92.4

98 43.5 40.2 60.2



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: 21.233 ug/l

RT: 8.35 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VD065825.D

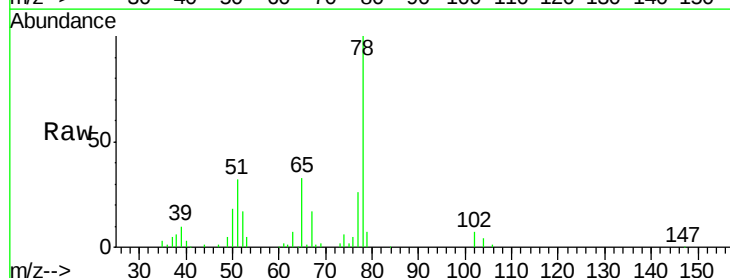
Acq: 19 Jun 2020 13:34

Tgt Ion: 78 Resp: 165377

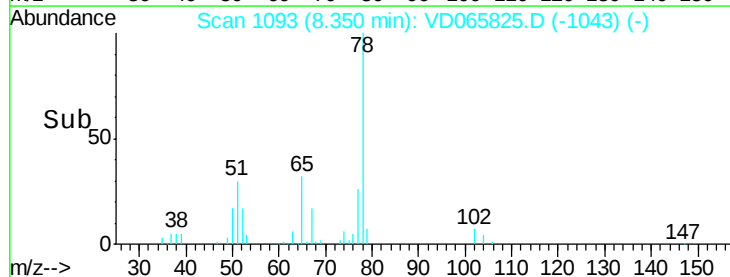
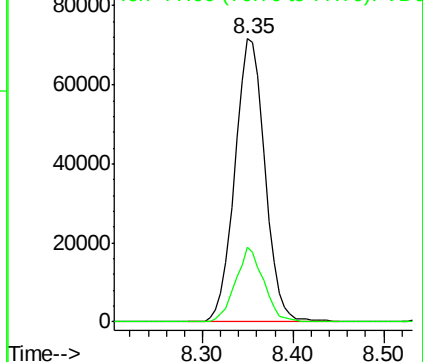
Ion Ratio Lower Upper

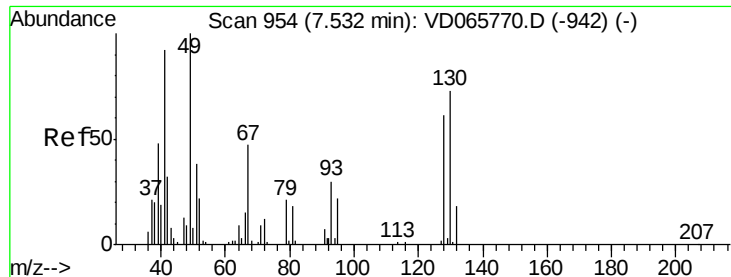
78 100

77 26.5 19.2 28.8



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

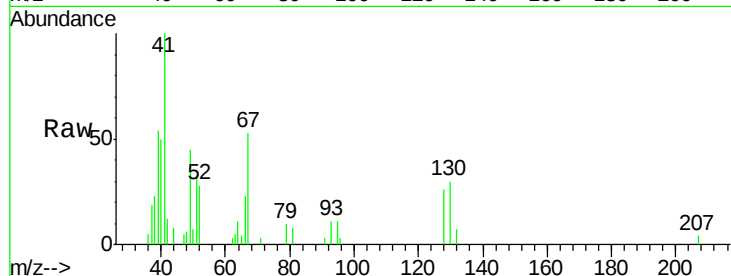




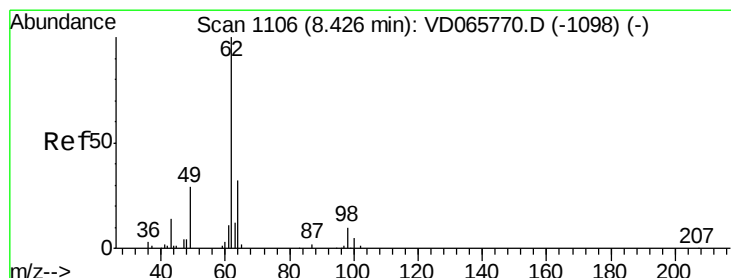
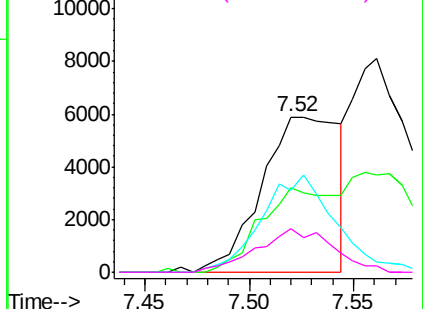
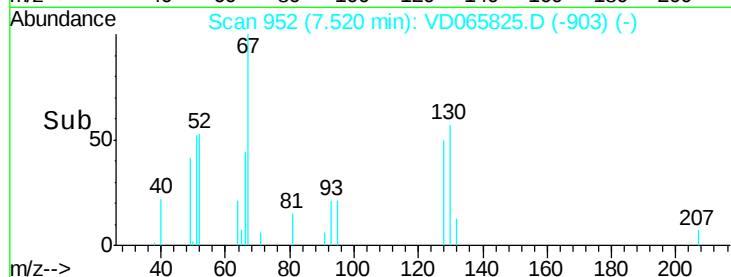
#41
Methacrylonitrile
Concen: 22.799 ug/l m
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tot Ion: 41 Resp: 15234
Ion Ratio Lower Upper
41 100
39 46.6 38.3 57.5
67 60.2 49.8 74.6
52 27.5 21.7 32.5

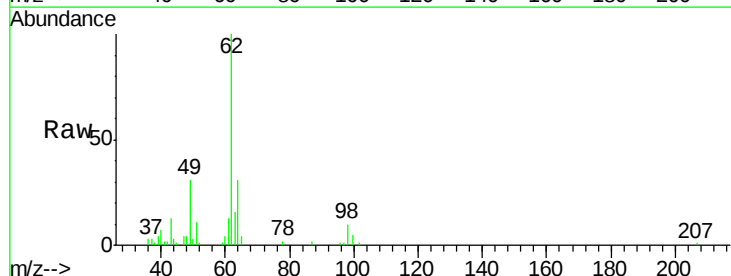


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

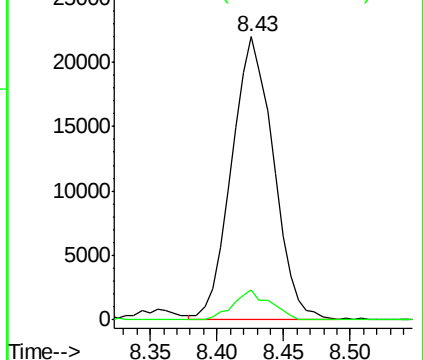
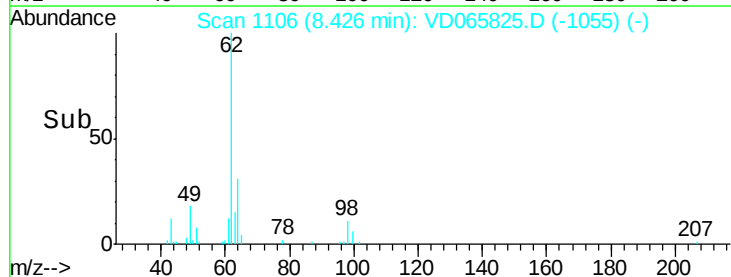


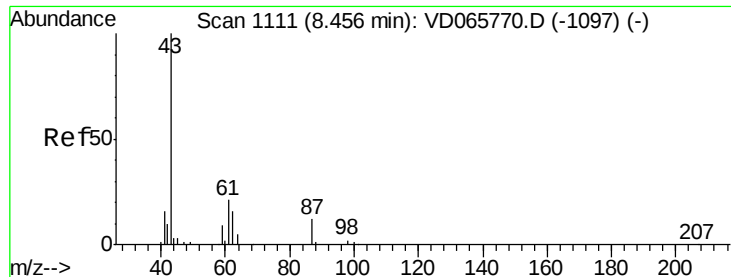
#42
1,2-Dichloroethane
Concen: 20.375 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 62 Resp: 47881
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.6



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



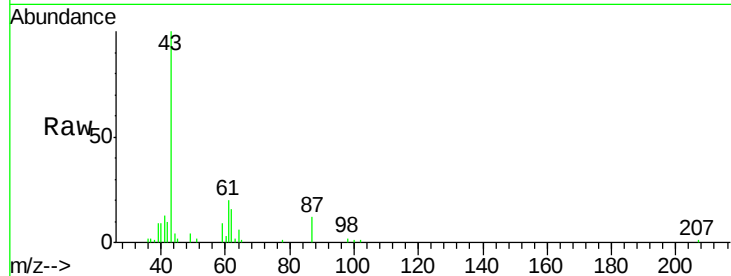


#43

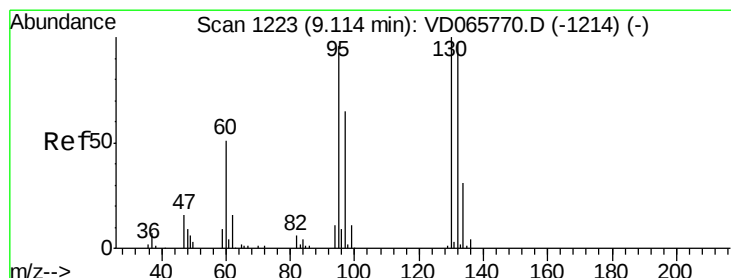
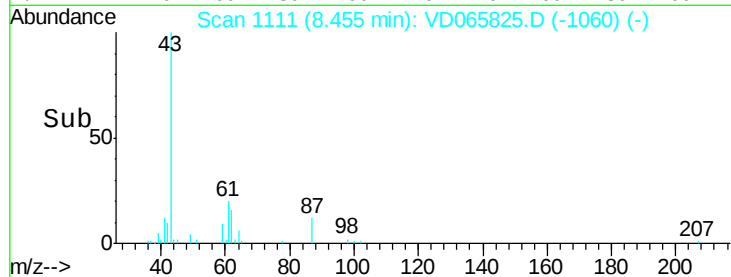
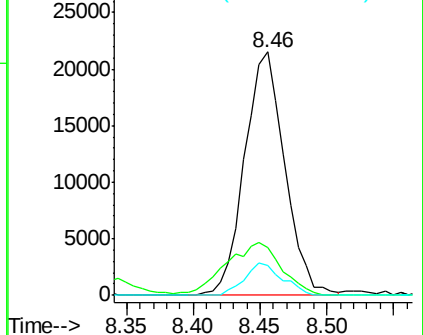
Isopropyl Acetate
 Concen: 20.135 ug/l
 RT: 8.46 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Tot Ion	43	Resp	44931
Ion Ratio	Lower	Upper	
43	100		
61	29.9	24.2	36.4
87	12.3	9.5	14.3



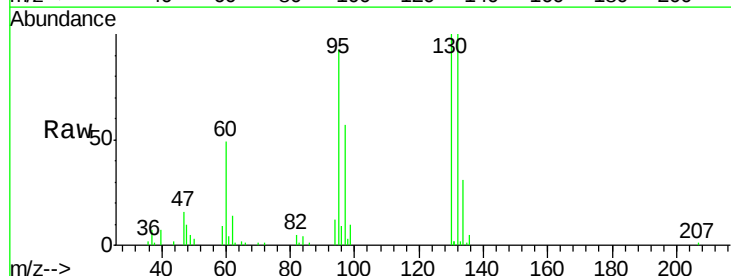
Abundance Ion 43.00 (42.70 to 43.70): VDC
 Ion 61.00 (60.70 to 61.70): VDC
 Ion 87.00 (86.70 to 87.70): VDC



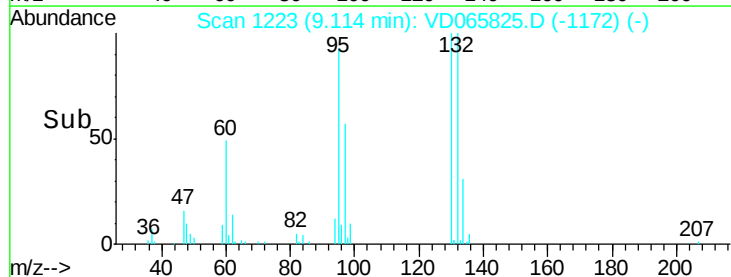
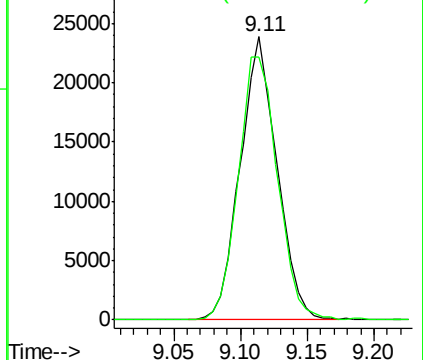
#44

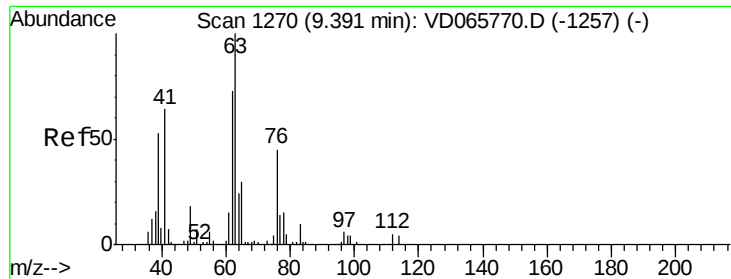
Trichloroethene
 Concen: 21.064 ug/l
 RT: 9.11 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion	130	Resp	45656
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	192.8



Abundance Ion 129.80 (129.50 to 130.50): VDC
 Ion 94.90 (94.60 to 95.60): VDC

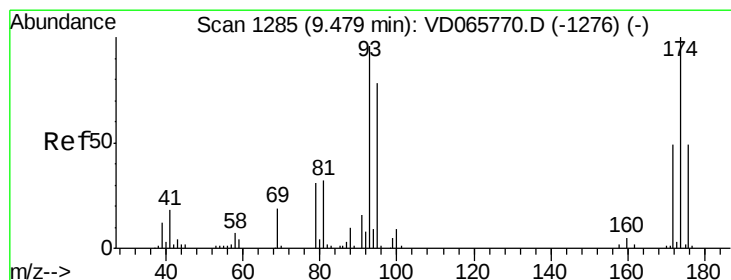
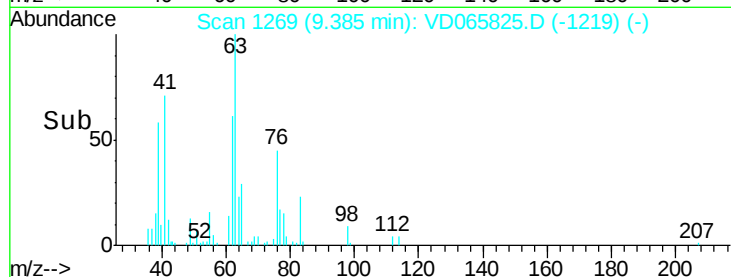
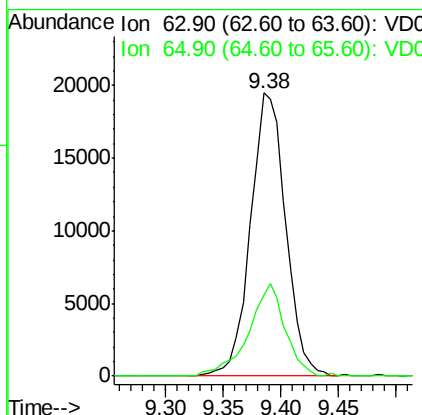
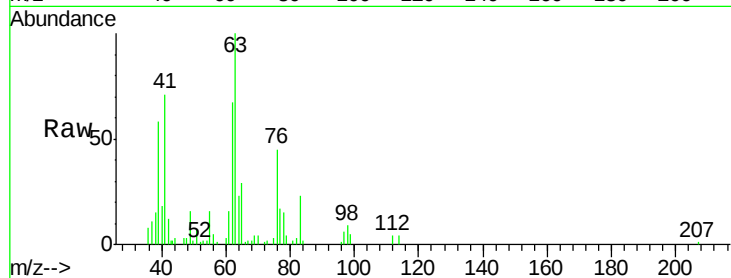




#45
 1,2-Dichloropropane
 Concen: 21.101 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

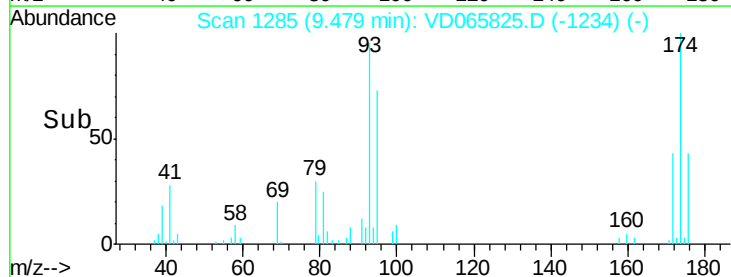
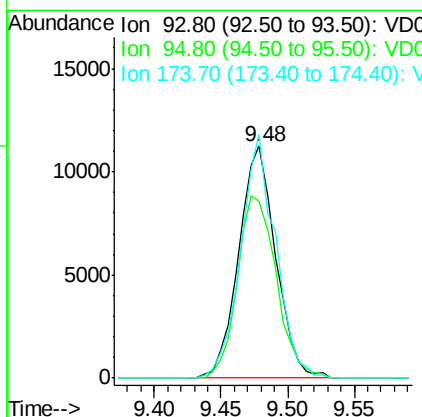
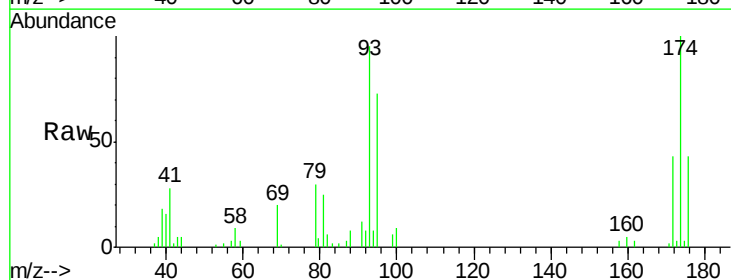
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

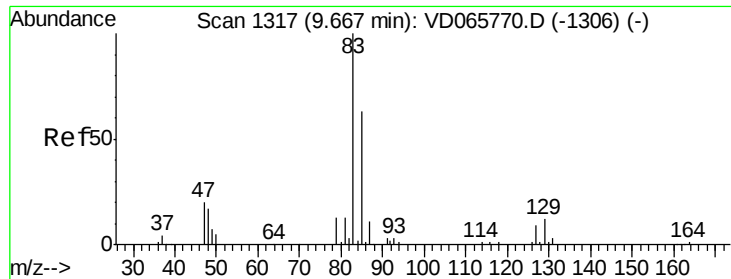
Tot Ion: 63 Resp: 41295
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.2 36.2



#46
 Dibromomethane
 Concen: 20.299 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion: 93 Resp: 21545
 Ion Ratio Lower Upper
 93 100
 95 82.6 65.8 98.6
 174 98.7 80.9 121.3

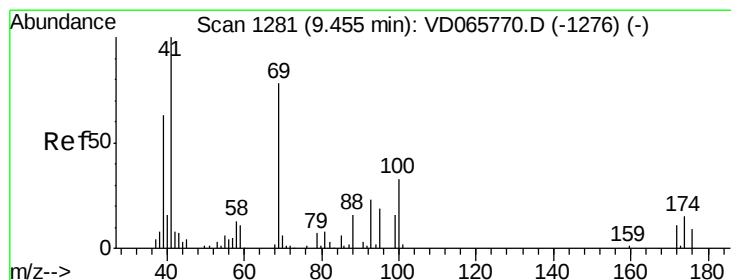
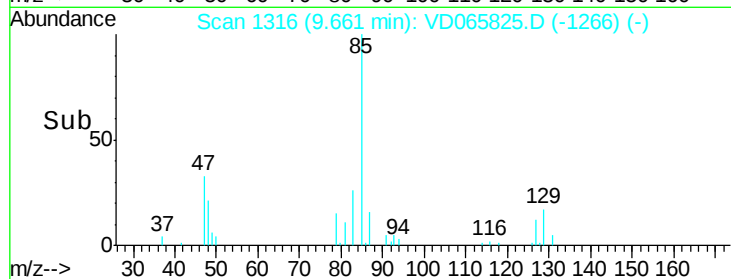
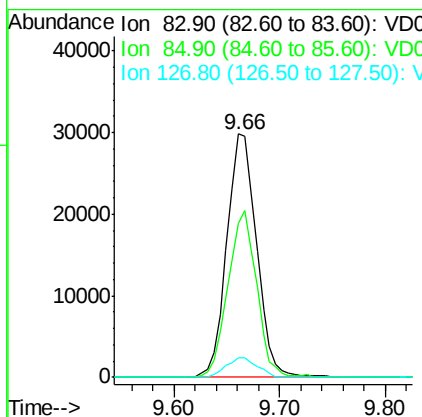
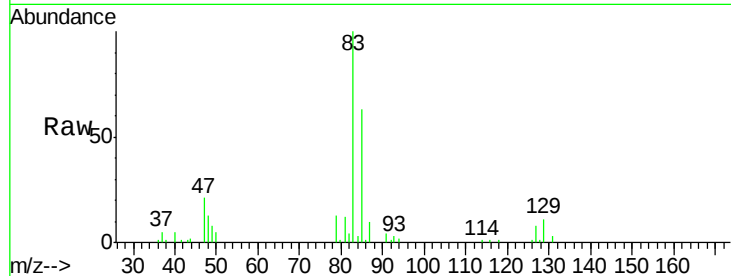




#47
Bromodichloromethane
Concen: 20.426 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

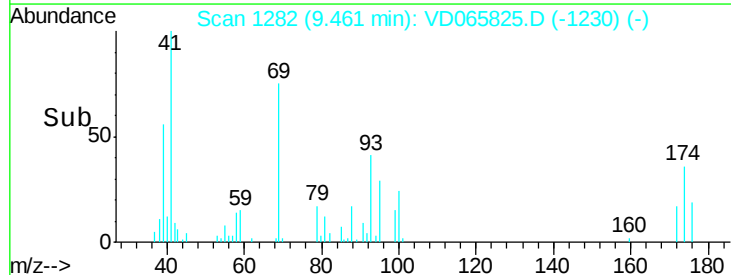
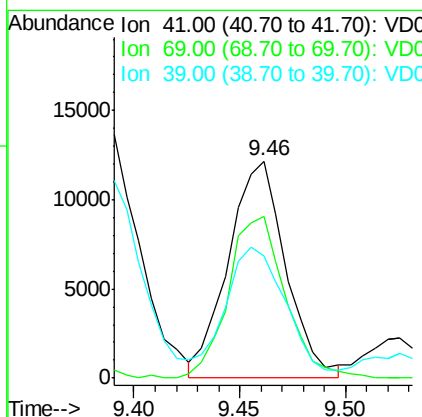
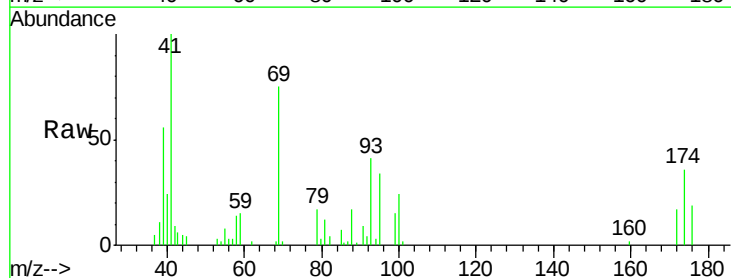
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

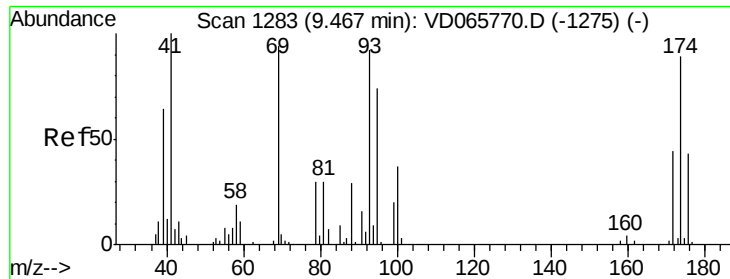
Tot Ion: 83 Resp: 58094
Ion Ratio Lower Upper
83 100
85 63.1 50.7 76.1
127 7.8 7.1 10.7



#48
Methyl methacrylate
Concen: 21.201 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 41 Resp: 22900
Ion Ratio Lower Upper
41 100
69 74.2 60.9 91.3
39 55.7 48.1 72.1





#49

1,4-Dioxane

Concen: 400.724 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

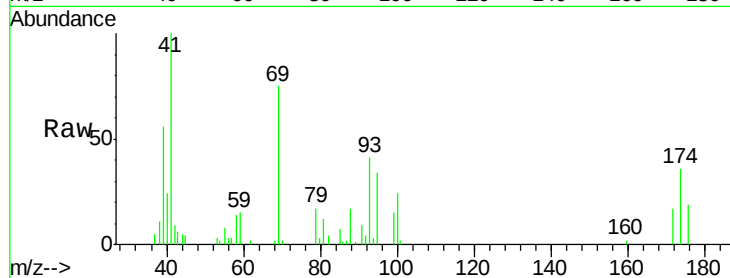
Tot Ion: 88 Resp: 4527

Ion Ratio Lower Upper

88 100

43 44.1 32.2 48.4

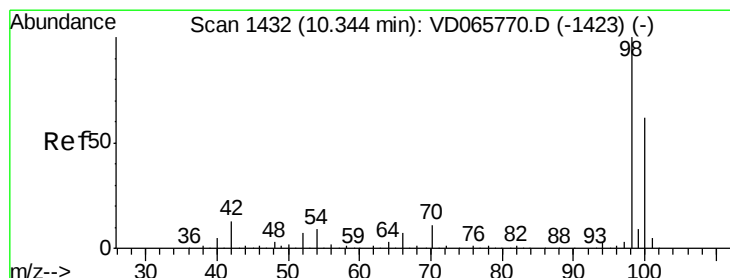
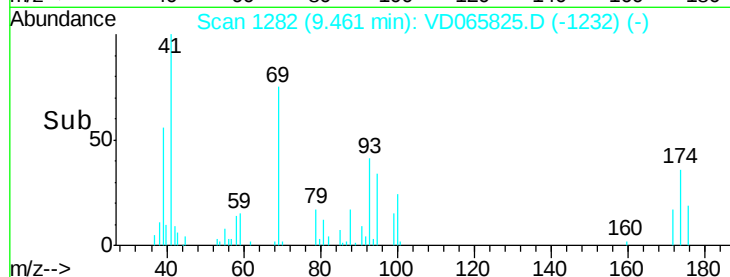
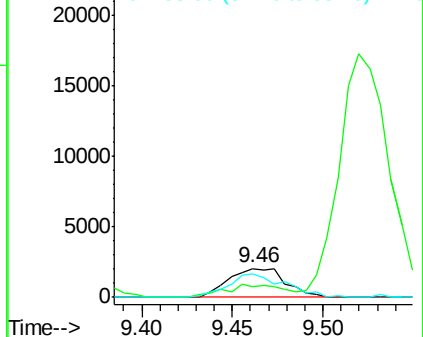
58 81.5 54.9 82.3



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: 52.221 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065825.D

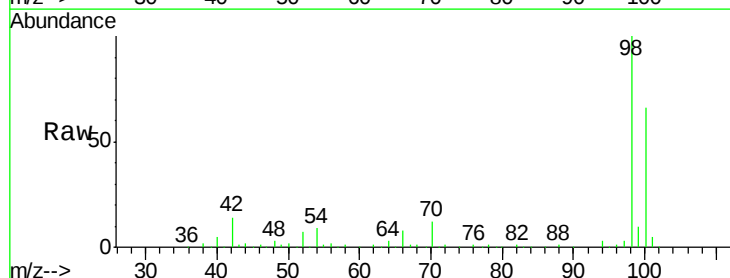
Acq: 19 Jun 2020 13:34

Tgt Ion: 98 Resp: 365815

Ion Ratio Lower Upper

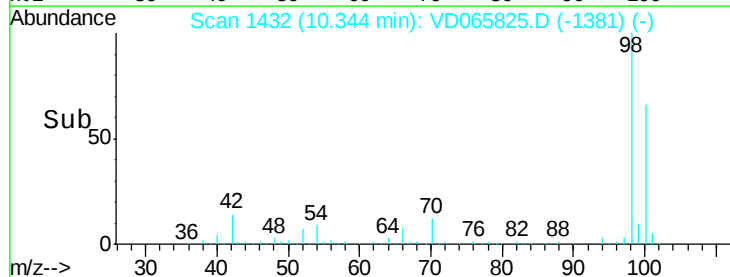
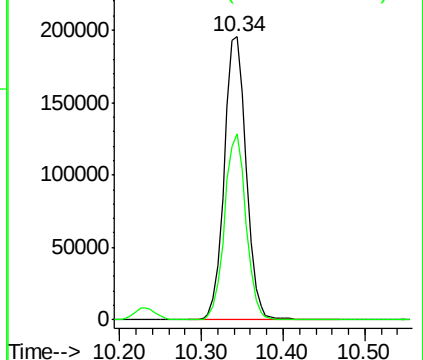
98 100

100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

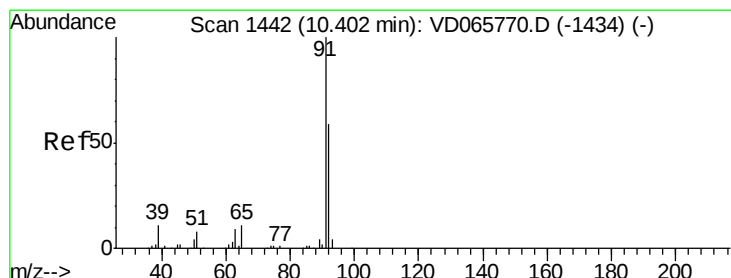
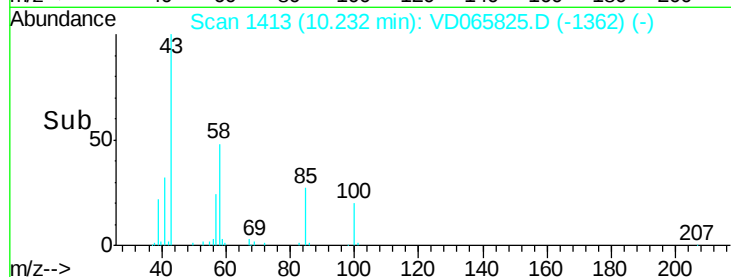
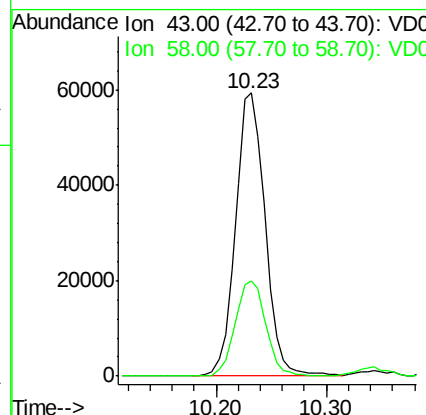
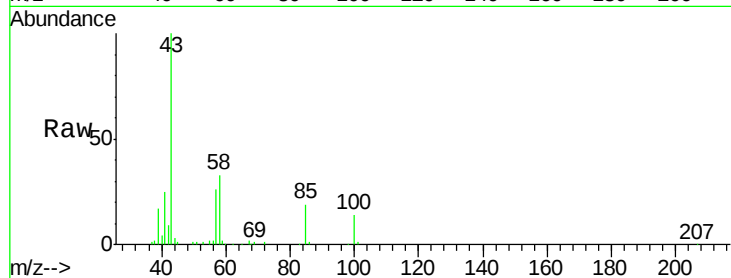




#51
4-Methyl-2-Pentanone
Concen: 101.866 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

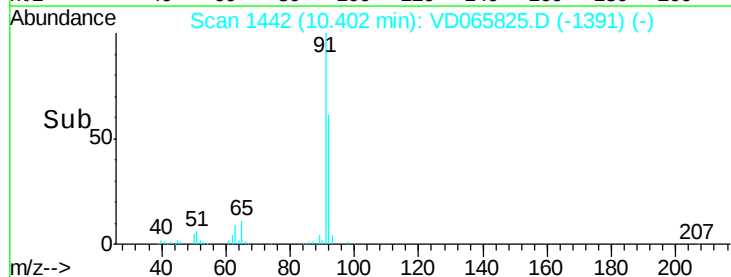
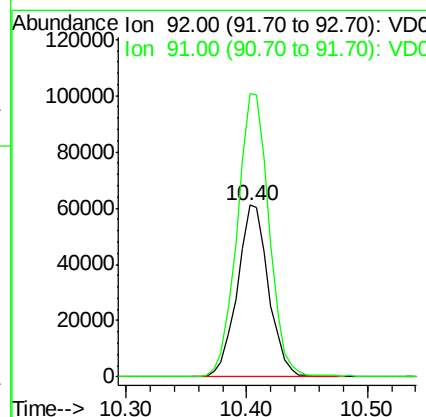
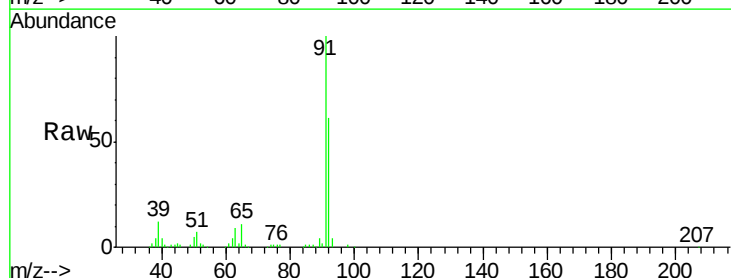
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

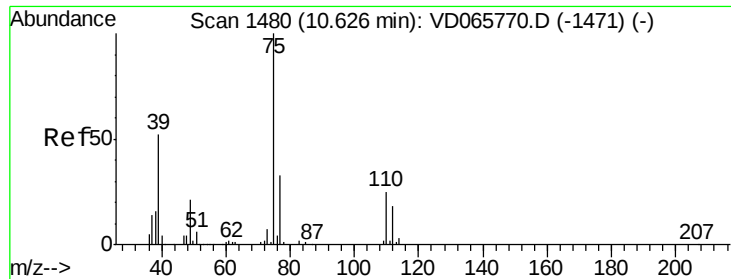
Tot Ion: 43 Resp: 111384
Ion Ratio Lower Upper
43 100
58 34.8 30.7 46.1



#52
Toluene
Concen: 21.776 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 92 Resp: 110202
Ion Ratio Lower Upper
92 100
91 167.8 137.8 206.8

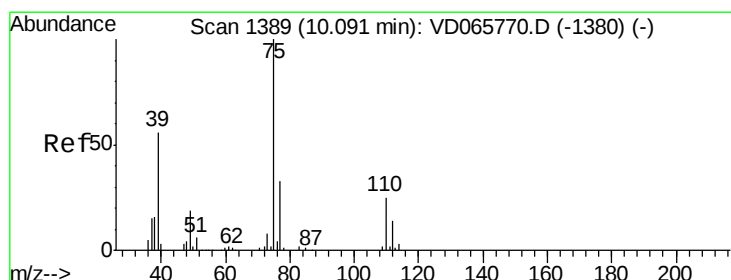
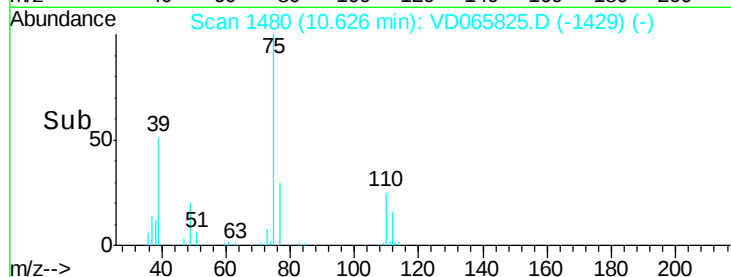
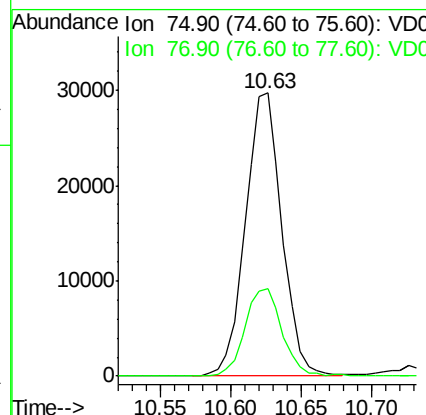
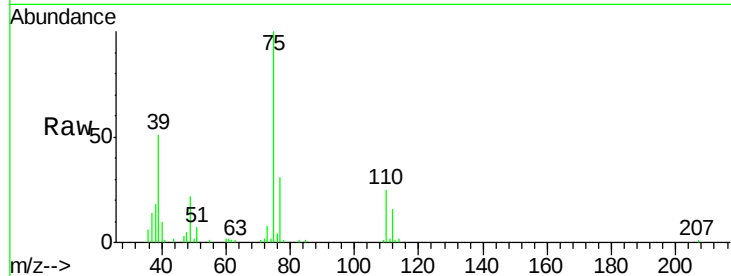




#53
t-1,3-Dichloropropene
Concen: 20.836 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

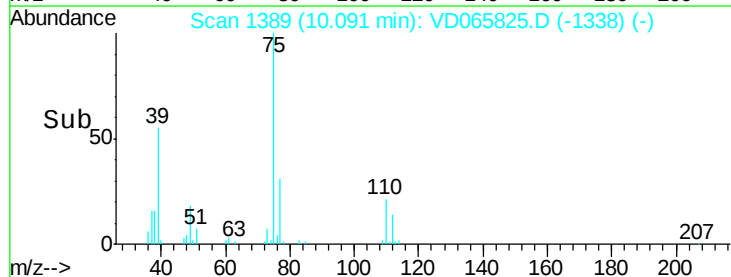
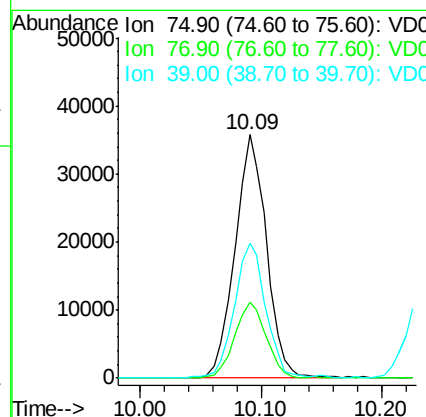
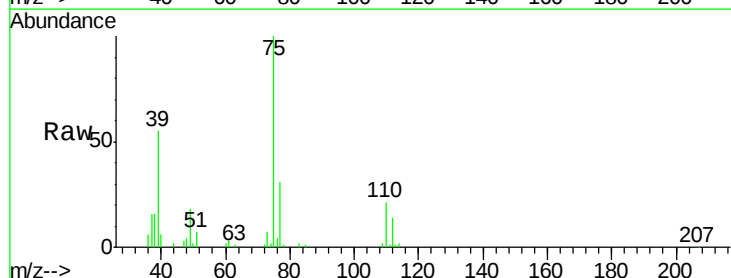
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

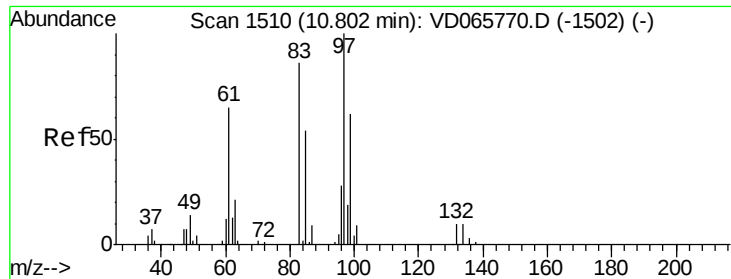
Tot Ion: 75 Resp: 53662
Ion Ratio Lower Upper
75 100
77 31.1 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 21.374 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 75 Resp: 65014
Ion Ratio Lower Upper
75 100
77 31.2 26.0 39.0
39 55.5 45.0 67.6

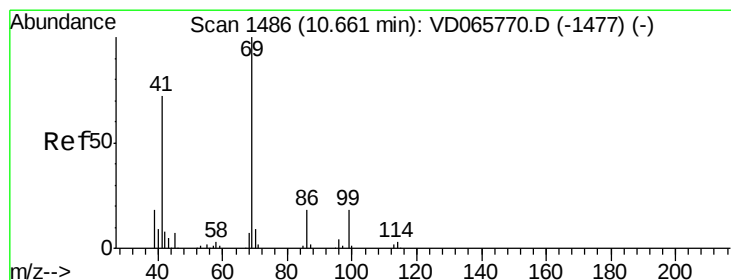
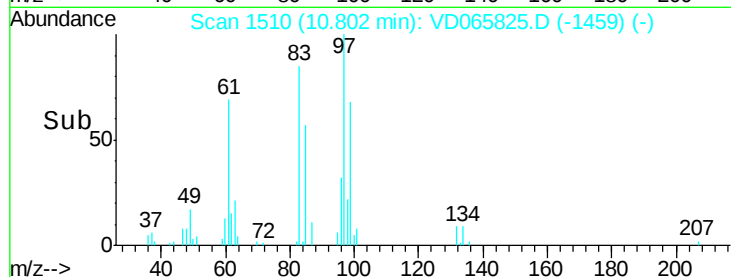
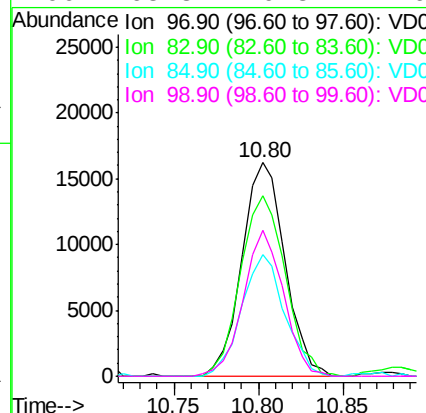
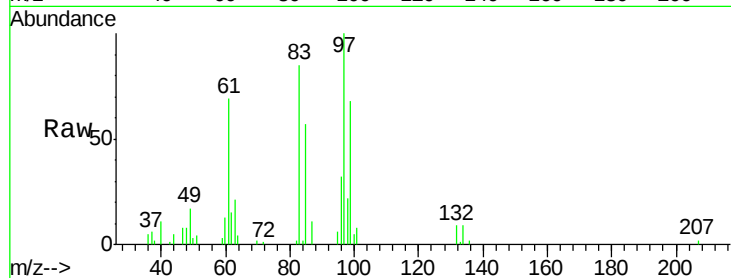




#55
 1,1,2-Trichloroethane
 Concen: 20.281 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

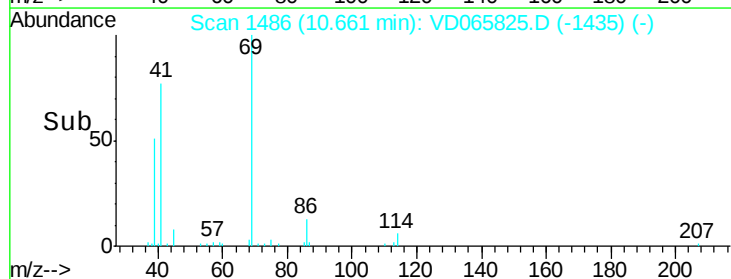
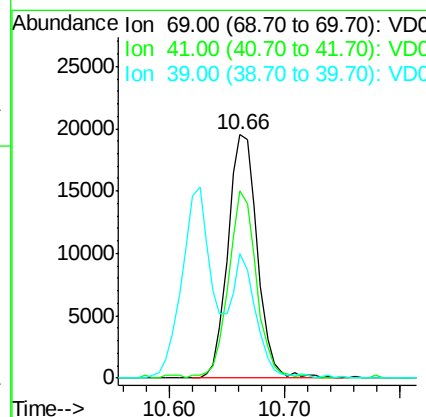
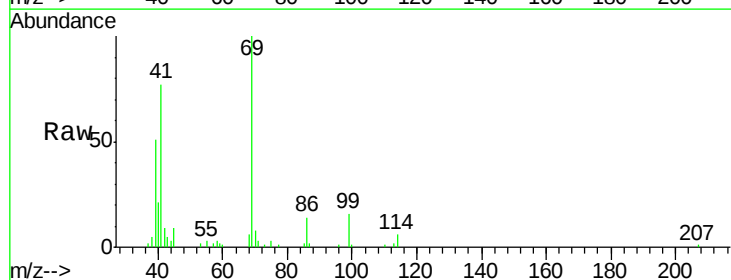
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

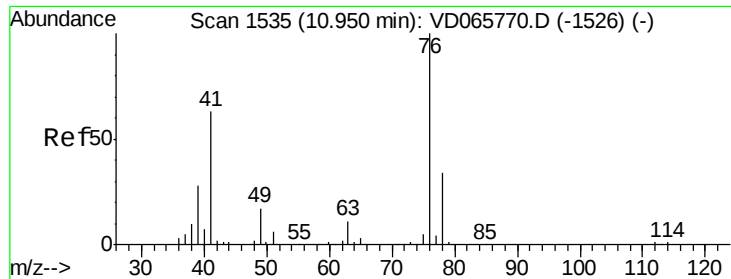
Tot Ion: 97 Resp: 28762
 Ion Ratio Lower Upper
 97 100
 83 84.6 68.7 103.1
 85 57.1 43.0 64.6
 99 68.3 49.8 74.6



#56
 Ethyl methacrylate
 Concen: 20.627 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion: 69 Resp: 34407
 Ion Ratio Lower Upper
 69 100
 41 73.5 56.9 85.3
 39 42.6 36.0 54.0

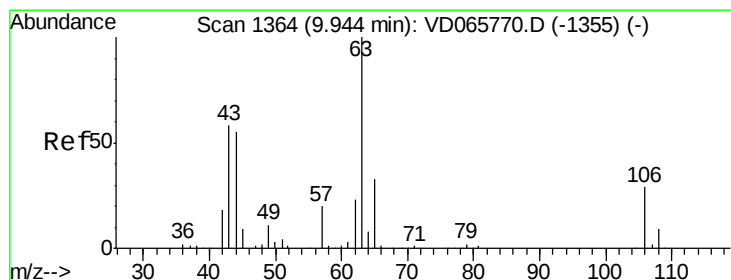
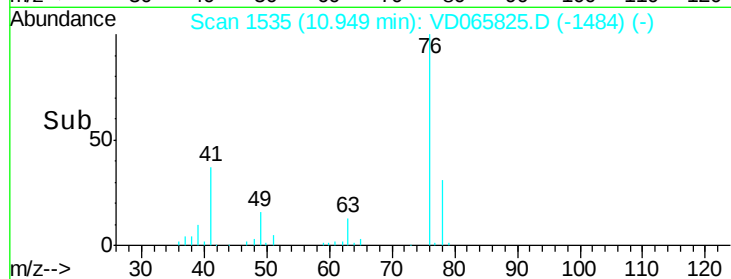
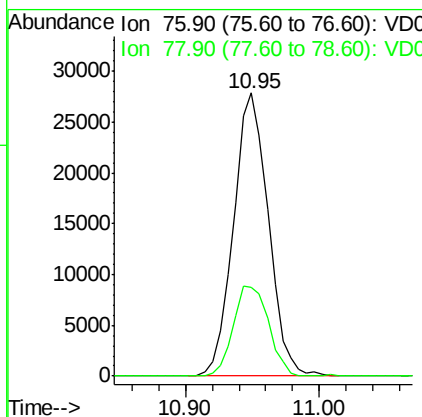
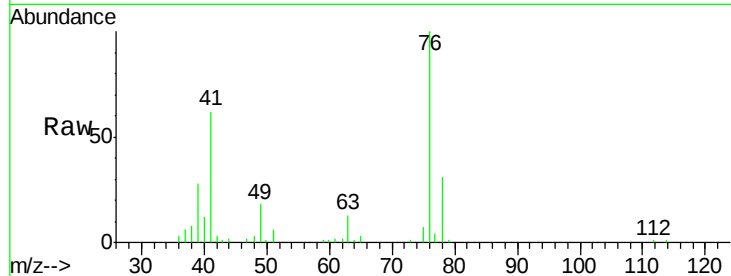




#57
 1,3-Dichloropropane
 Concen: 20.485 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

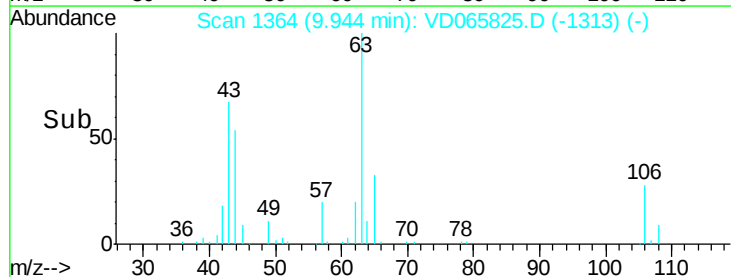
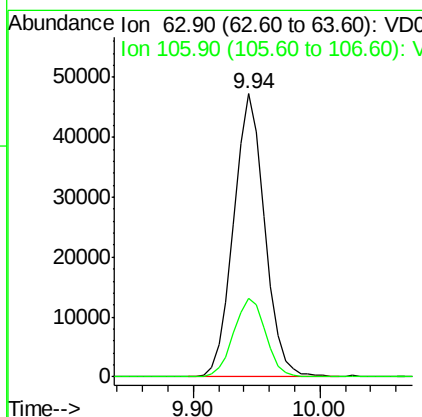
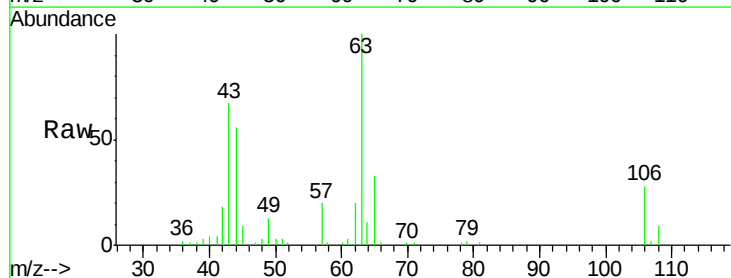
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

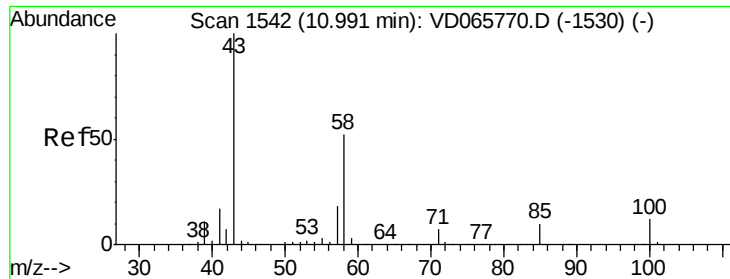
Tot Ion: 76 Resp: 50330
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.437 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion: 63 Resp: 80216
 Ion Ratio Lower Upper
 63 100
 106 28.6 23.2 34.8

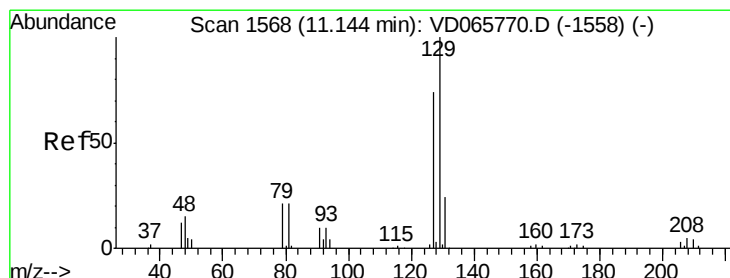
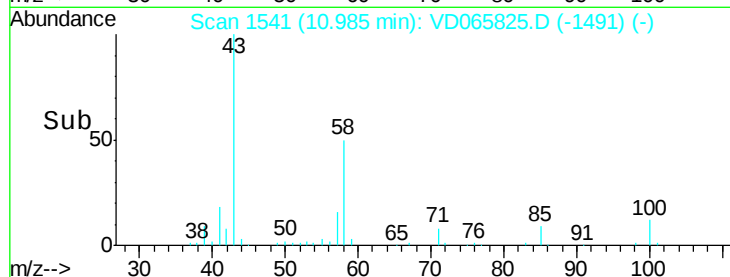
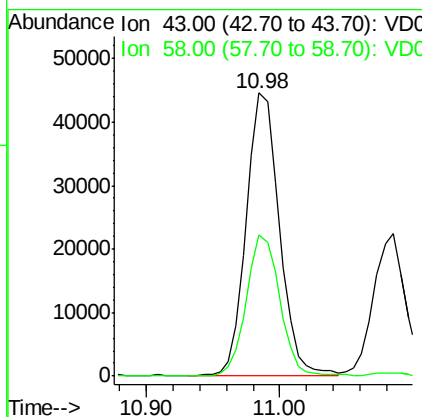
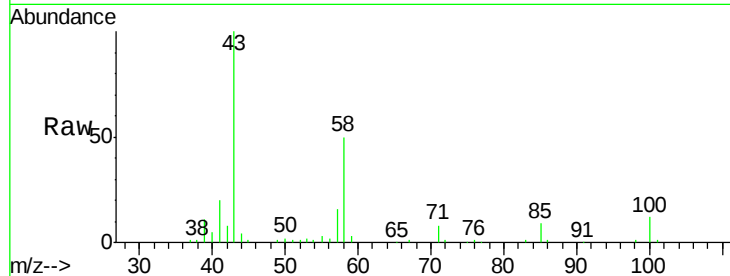




#59
2-Hexanone
Concen: 103.868 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

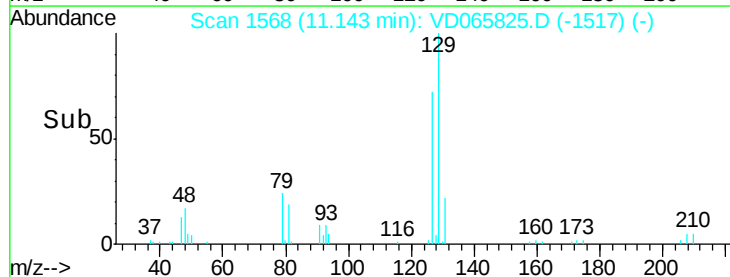
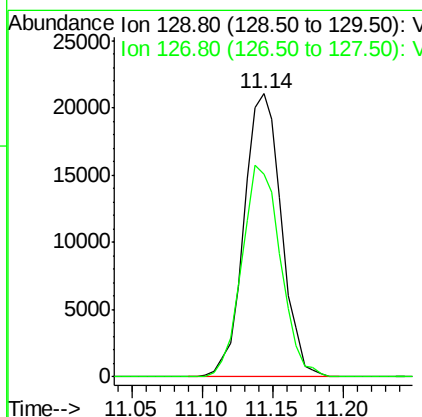
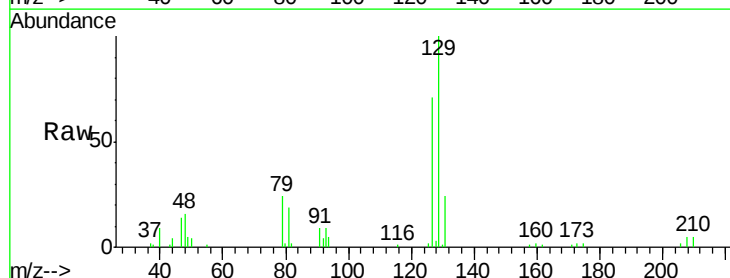
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

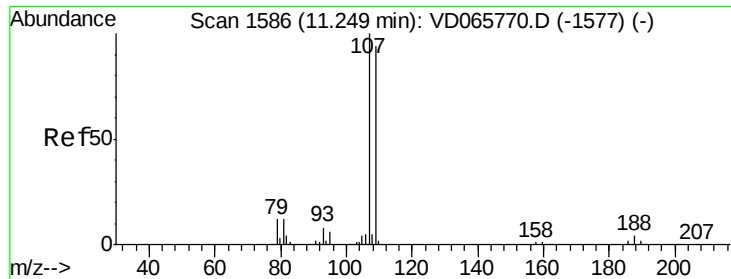
Tot Ion: 43 Resp: 76570
Ion Ratio Lower Upper
43 100
58 50.2 25.7 77.0



#60
Dibromochloromethane
Concen: 20.388 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 129 Resp: 39060
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9

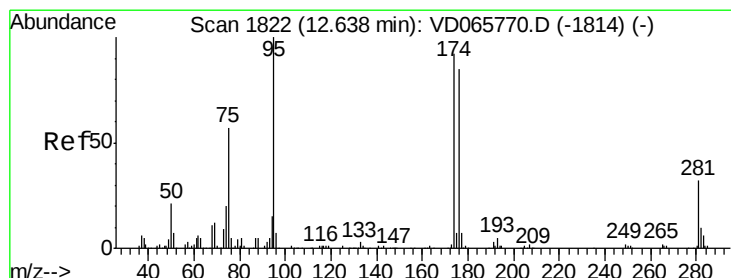
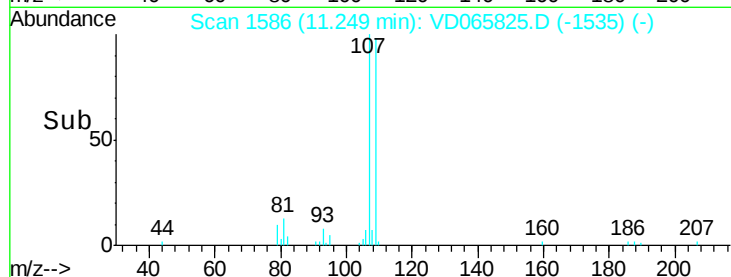
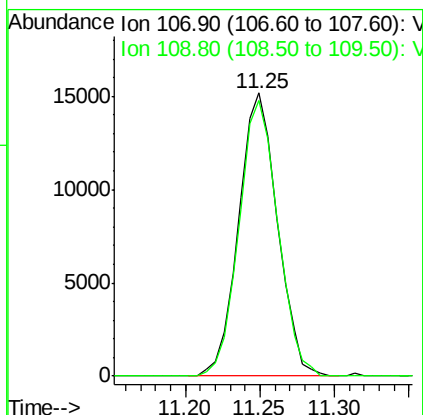
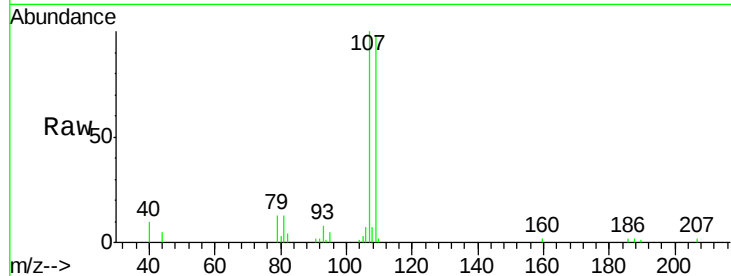




#61
 1,2-Dibromoethane
 Concen: 19.589 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

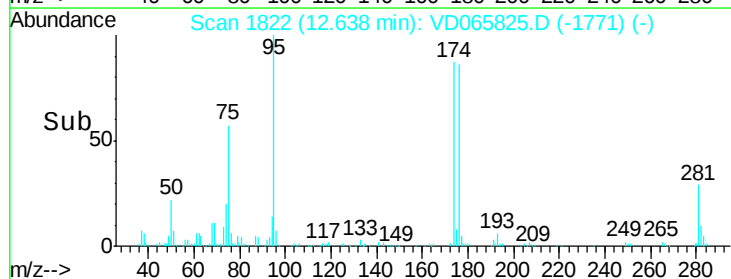
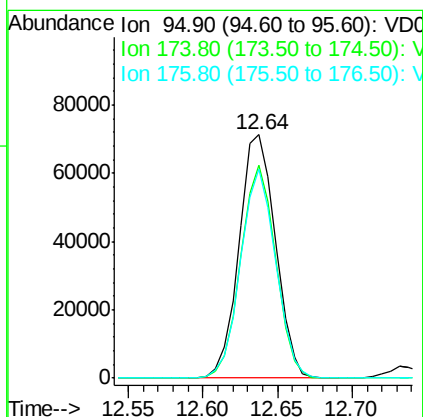
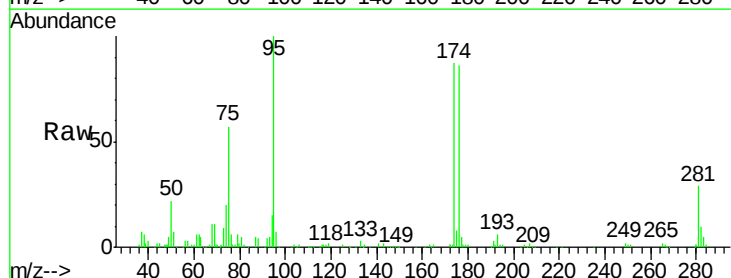
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

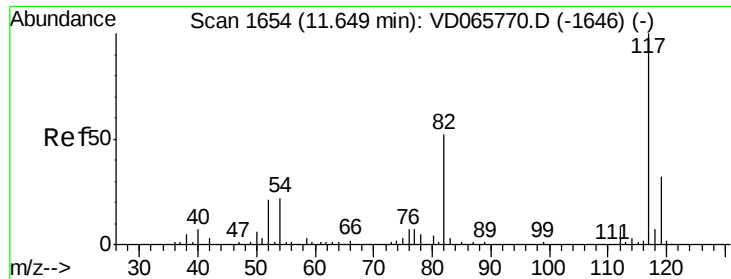
Tot Ion:107 Resp: 27301
 Ion Ratio Lower Upper
 107 100
 109 97.4 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 50.730 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion: 95 Resp: 120518
 Ion Ratio Lower Upper
 95 100
 174 83.8 0.0 175.2
 176 82.7 0.0 163.0

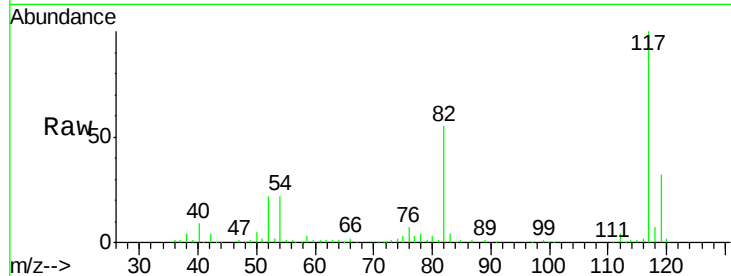




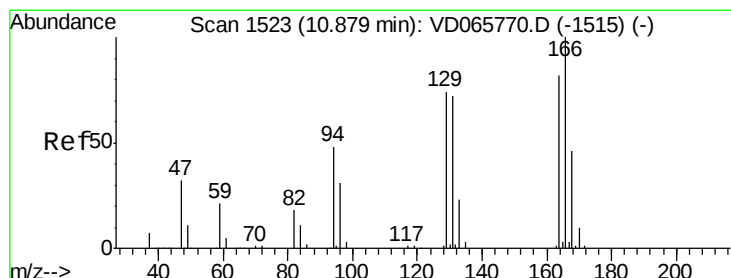
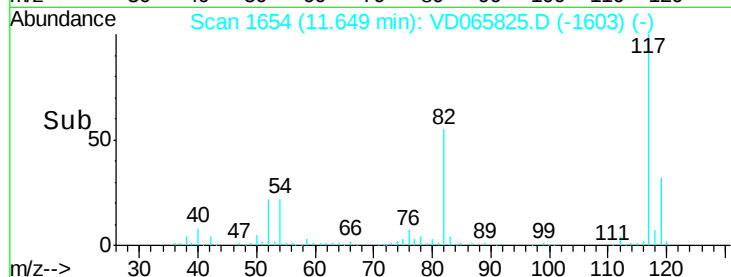
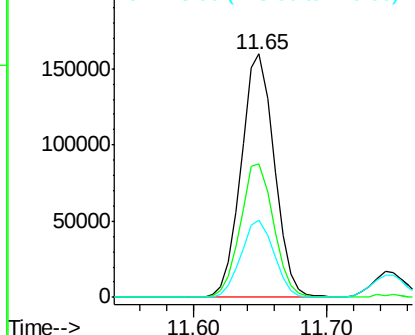
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tot Ion:117 Resp: 274915
Ion Ratio Lower Upper
117 100
82 54.7 41.9 62.9
119 31.9 25.3 37.9

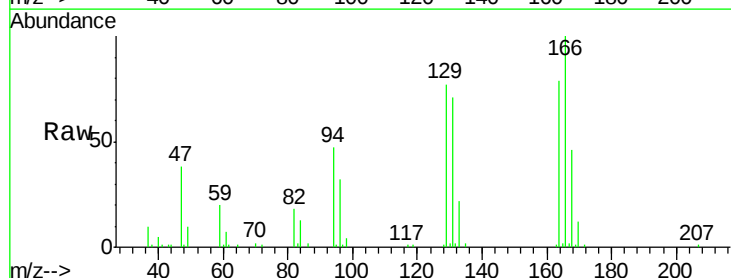


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

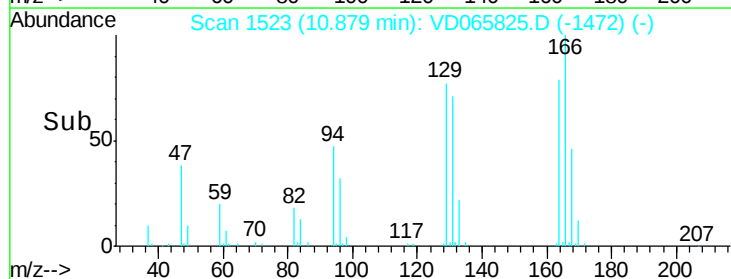
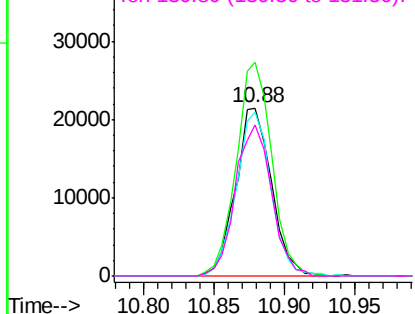


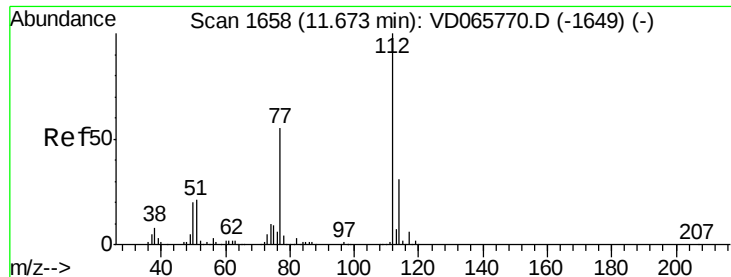
#64
Tetrachloroethene
Concen: 20.493 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion:164 Resp: 38097
Ion Ratio Lower Upper
164 100
166 126.9 98.2 147.2
129 97.2 72.3 108.5
131 89.8 70.5 105.7



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

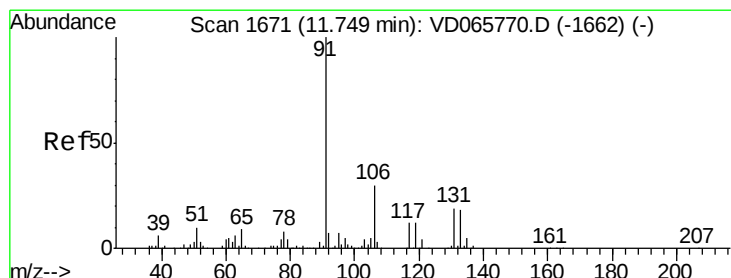
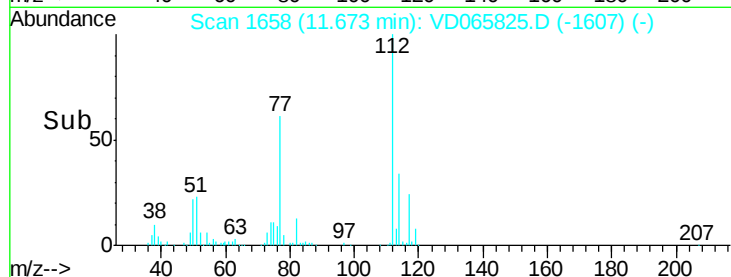
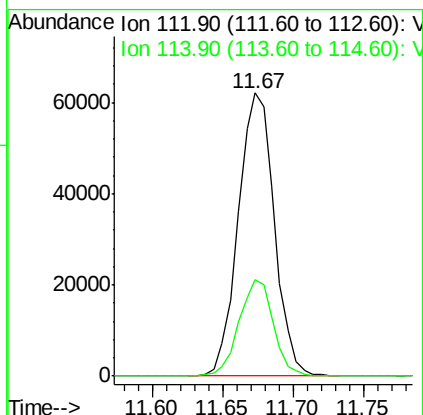
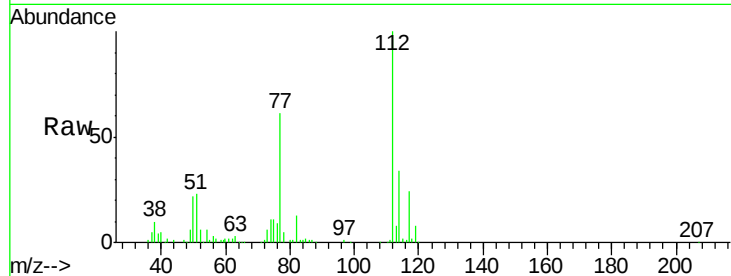




#65
Chlorobenzene
Concen: 20.644 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

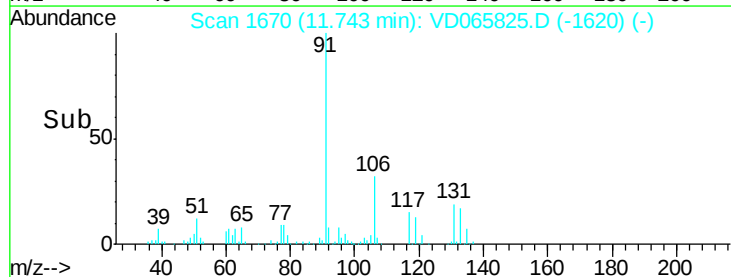
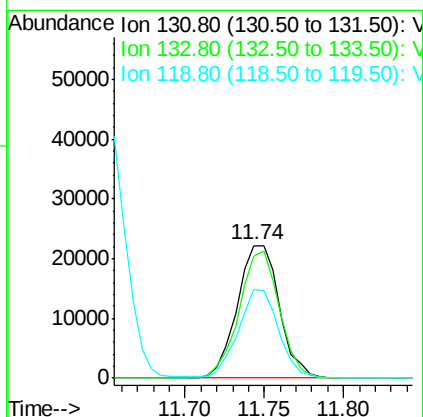
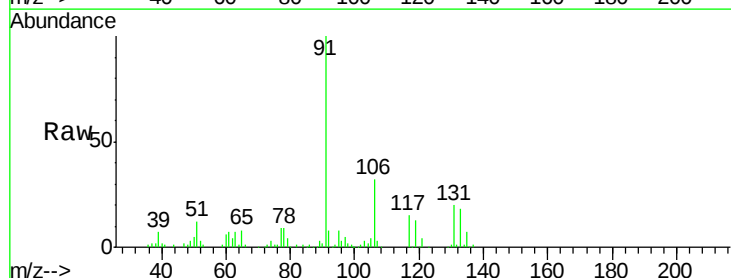
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

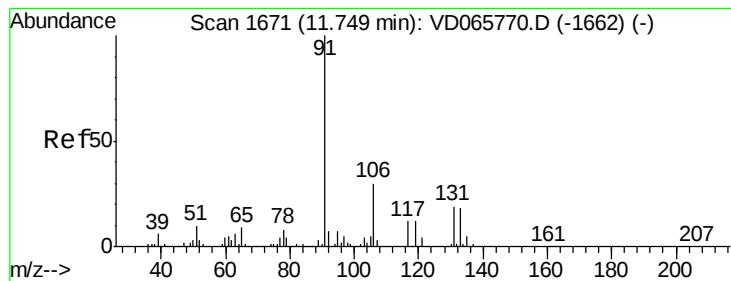
Tot Ion:112 Resp: 110797
Ion Ratio Lower Upper
112 100
114 33.9 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.477 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion:131 Resp: 40966
Ion Ratio Lower Upper
131 100
133 91.3 47.3 141.9
119 63.8 31.6 94.8





#67

Ethyl Benzene

Concen: 20.962 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

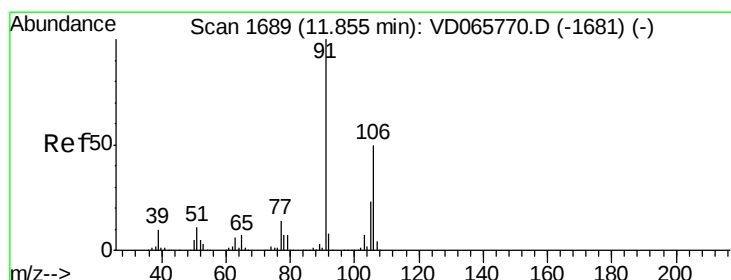
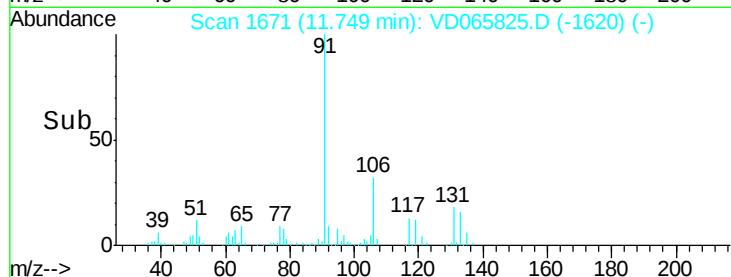
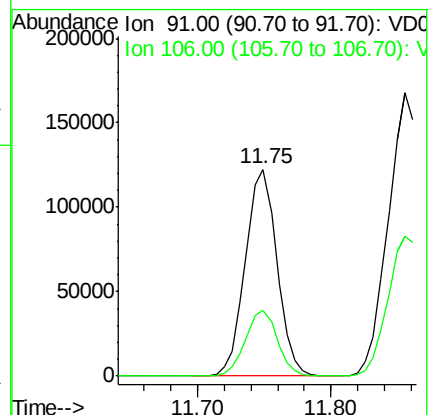
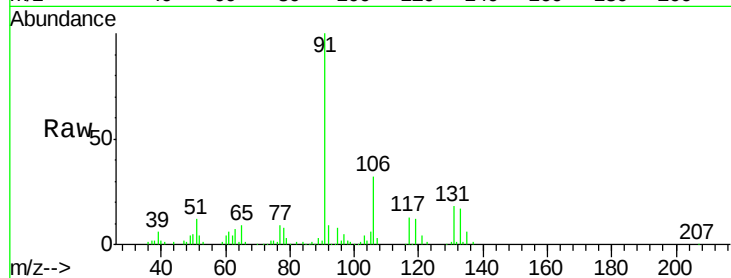
VD0619SBS01

Tot Ion: 91 Resp: 200976

Ion Ratio Lower Upper

91 100

106 31.9 24.1 36.1



#68

m/p-Xylenes

Concen: 42.906 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065825.D

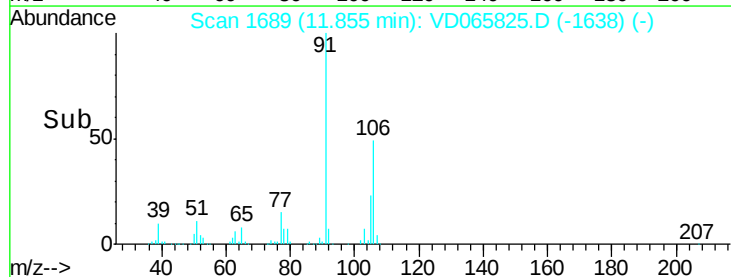
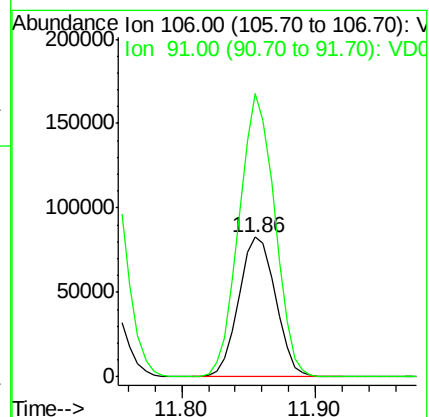
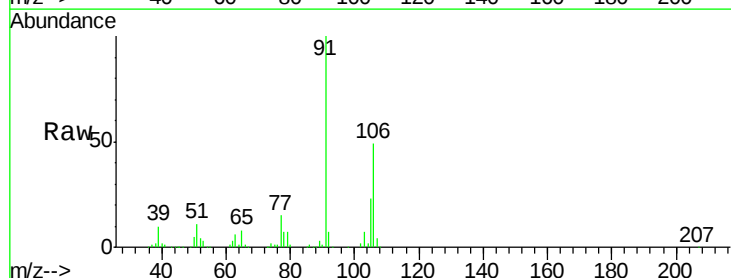
Acq: 19 Jun 2020 13:34

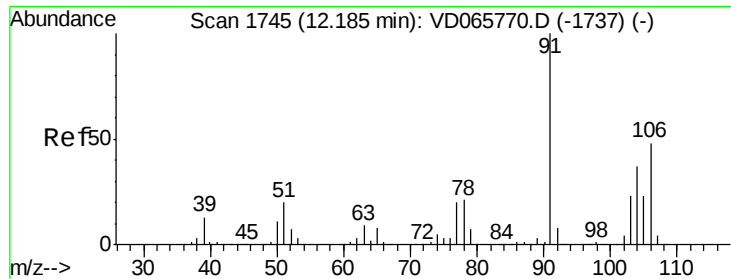
Tgt Ion: 106 Resp: 158453

Ion Ratio Lower Upper

106 100

91 196.9 159.4 239.2

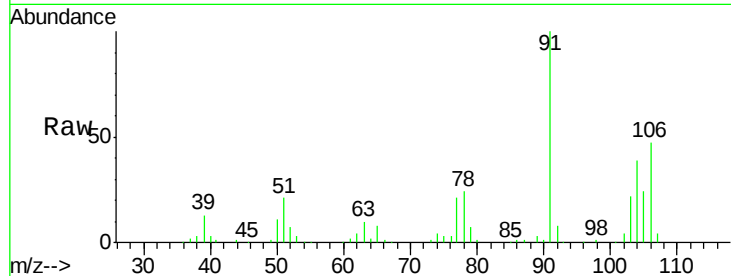




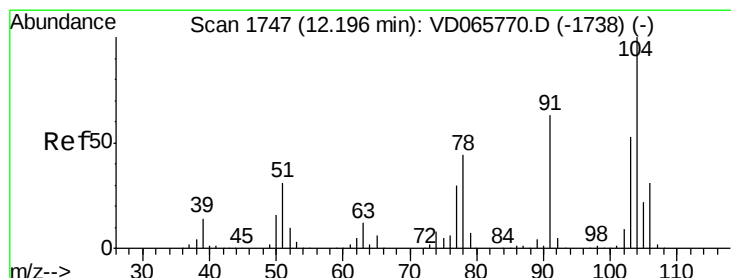
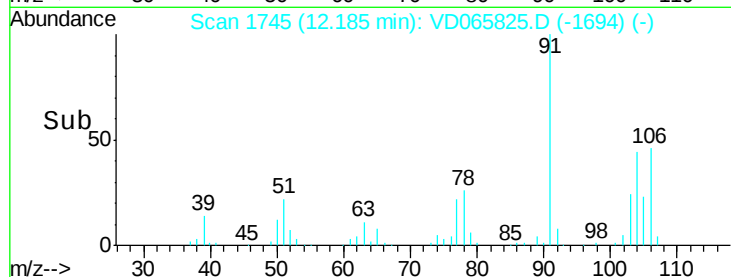
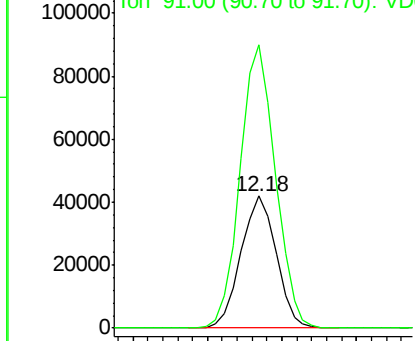
#69
o-Xylene
Concen: 20.711 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tot Ion:106 Resp: 68963
Ion Ratio Lower Upper
106 100
91 213.8 105.3 315.8

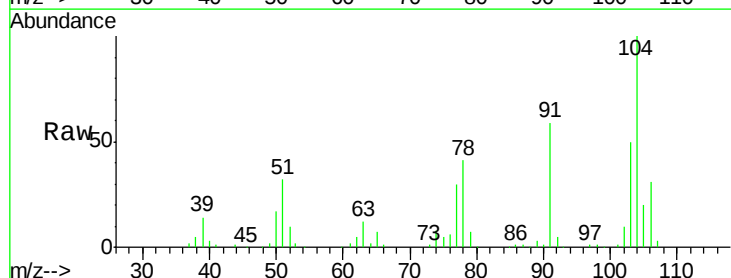


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VDC

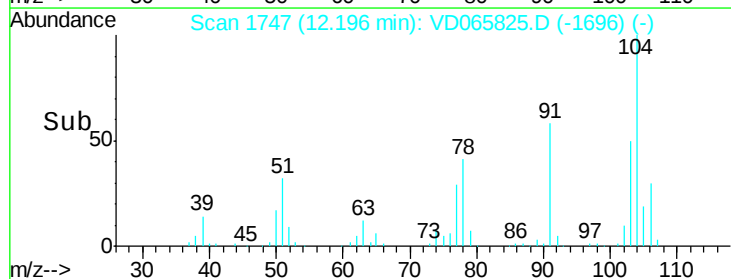
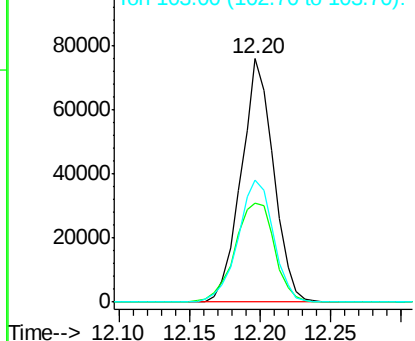


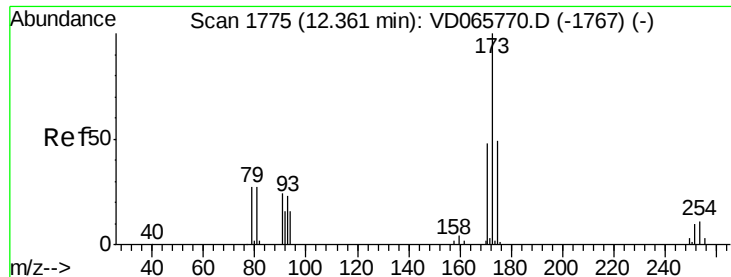
#70
Styrene
Concen: 21.095 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion:104 Resp: 121599
Ion Ratio Lower Upper
104 100
78 49.6 38.6 58.0
103 54.8 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VDC
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.805 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

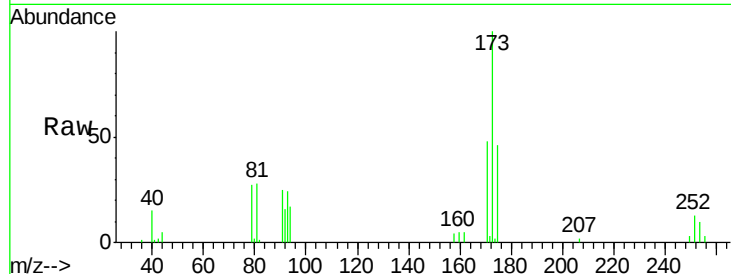
Tot Ion:173 Resp: 21818

Ion Ratio Lower Upper

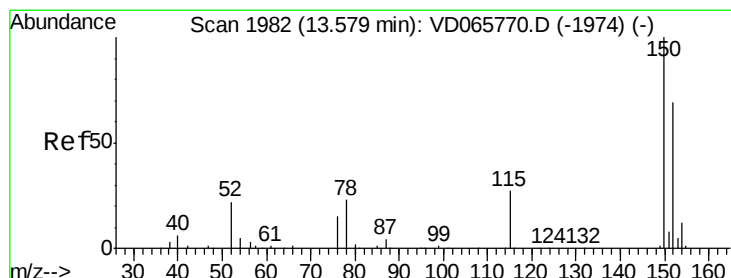
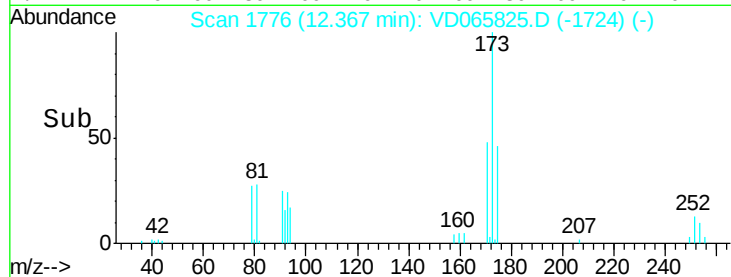
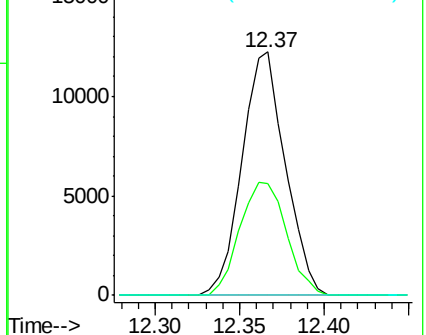
173 100

175 49.7 24.8 74.4

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

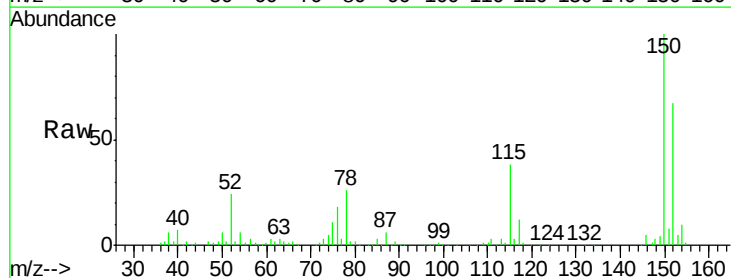
Tgt Ion:152 Resp: 138850

Ion Ratio Lower Upper

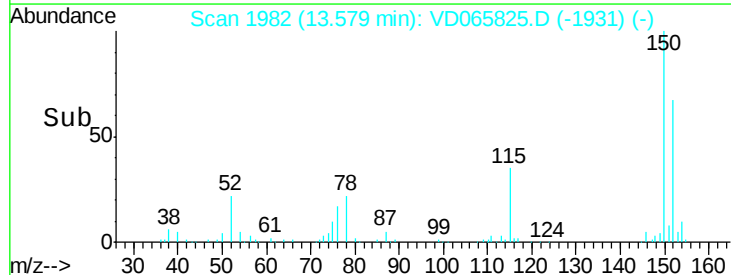
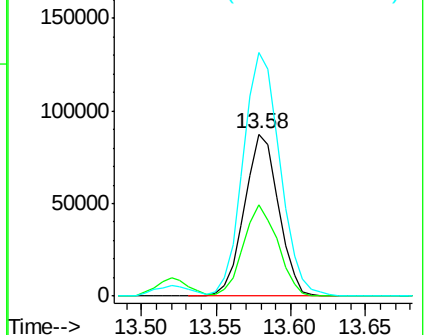
152 100

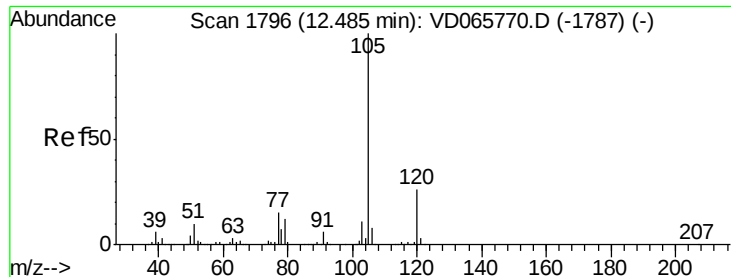
115 57.0 28.7 86.1

150 161.9 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.765 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

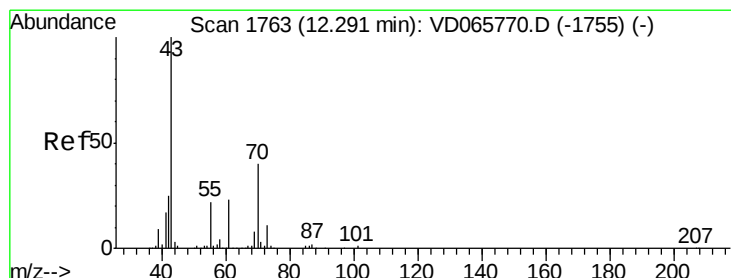
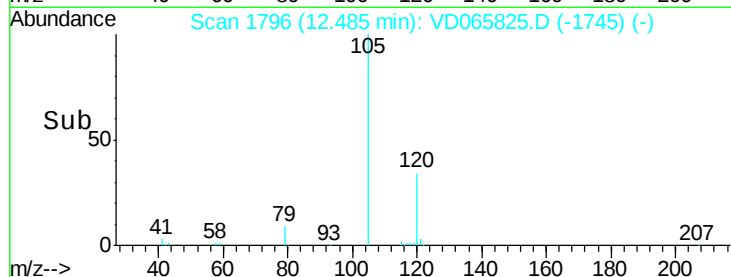
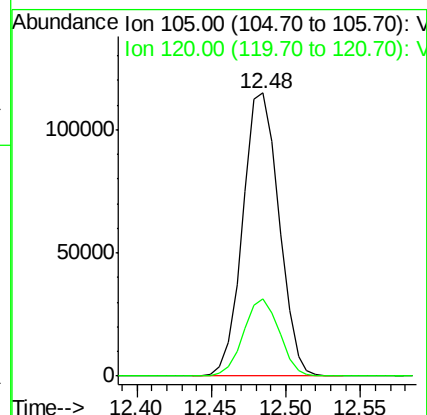
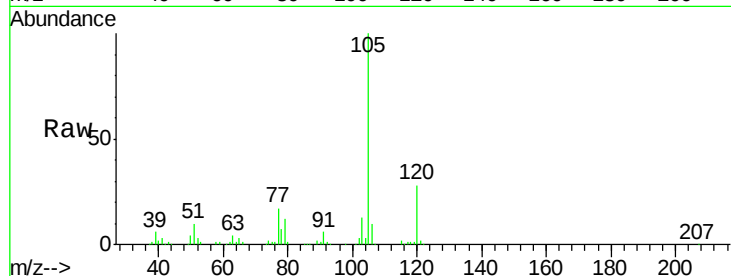
VD0619SBS01

Tot Ion:105 Resp: 193306

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



#74

N-ethyl acetate

Concen: 19.169 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Tgt Ion: 43 Resp: 39701

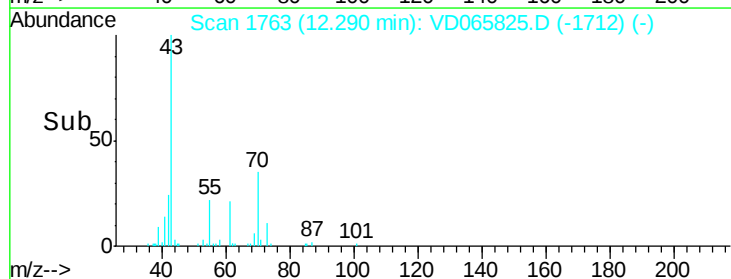
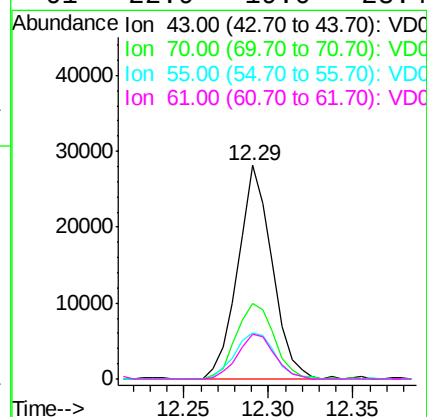
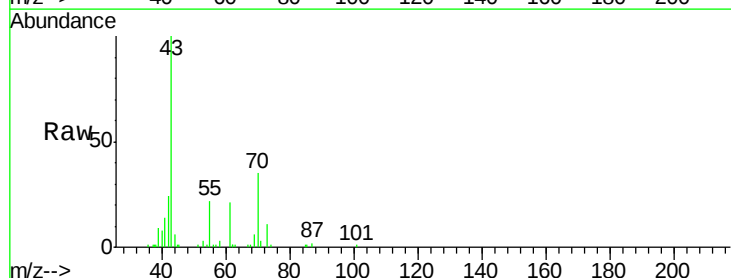
Ion Ratio Lower Upper

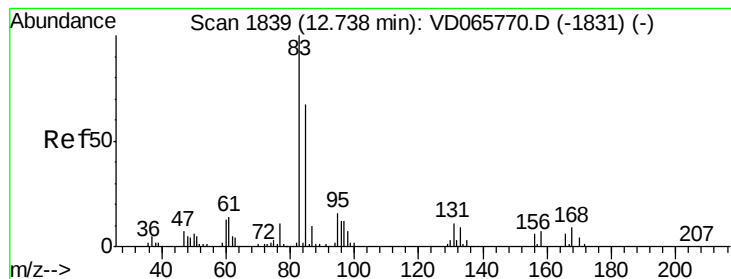
43 100

70 39.3 32.3 48.5

55 25.1 19.0 28.4

61 22.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.310 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

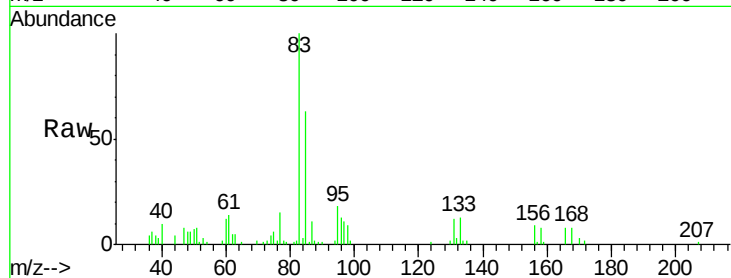
Tot Ion: 83 Resp: 31931

Ion Ratio Lower Upper

83 100

131 11.7 5.5 16.4

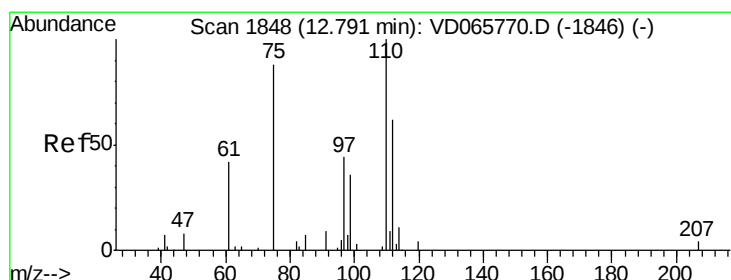
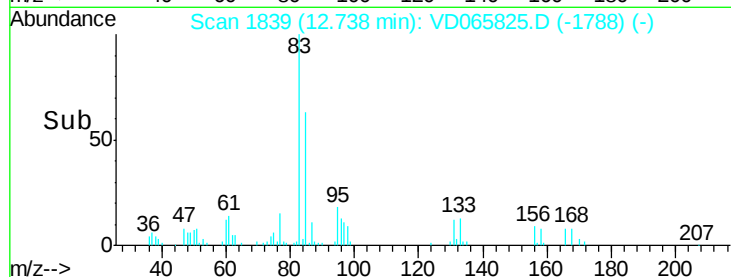
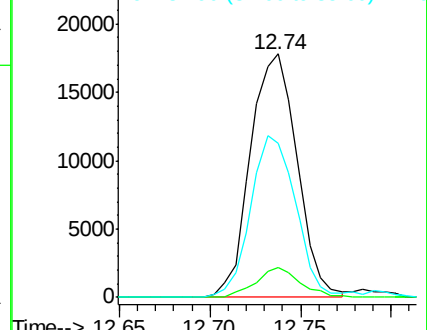
85 64.0 32.5 97.5



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: 20.835 ug/l m

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD065825.D

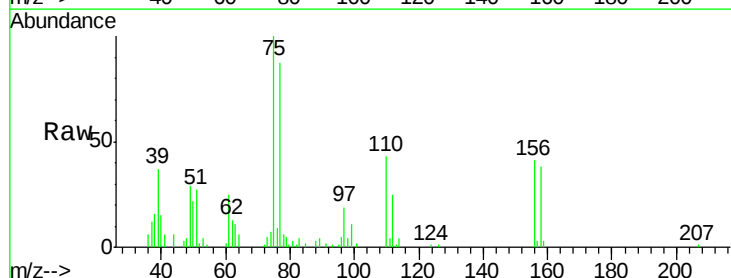
Acq: 19 Jun 2020 13:34

Tgt Ion: 75 Resp: 22499

Ion Ratio Lower Upper

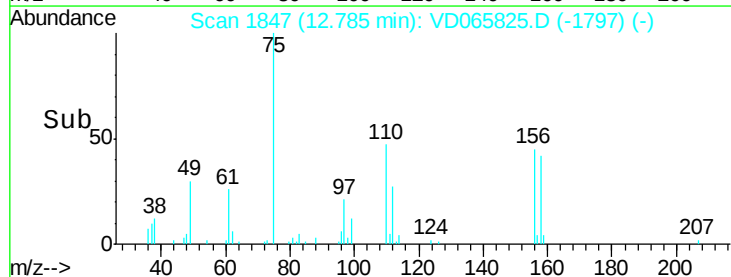
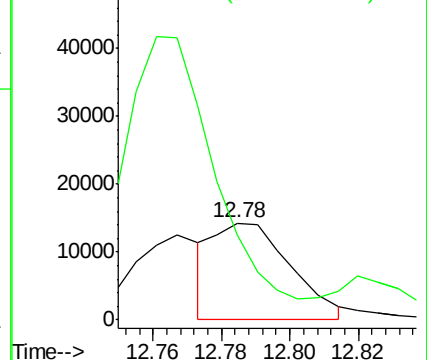
75 100

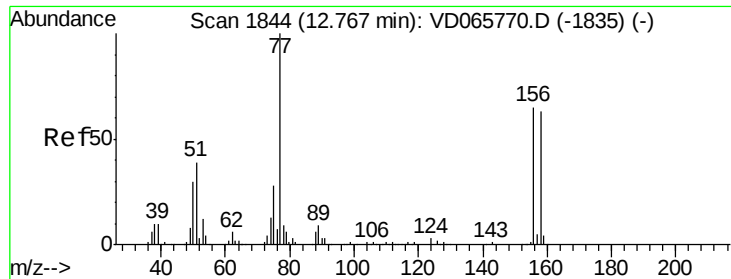
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

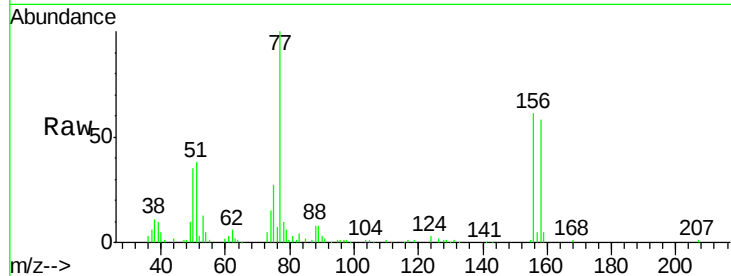




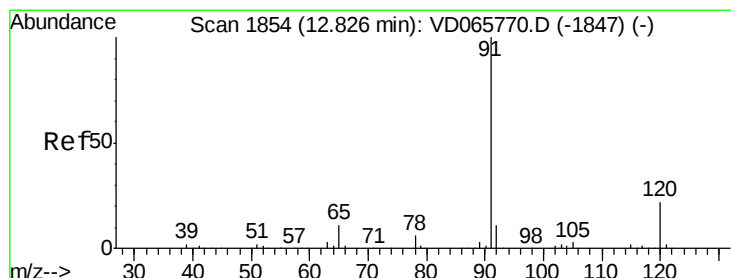
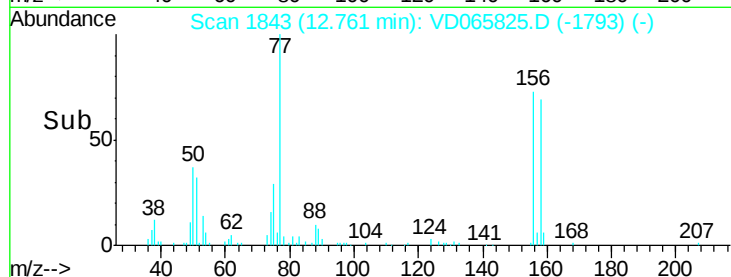
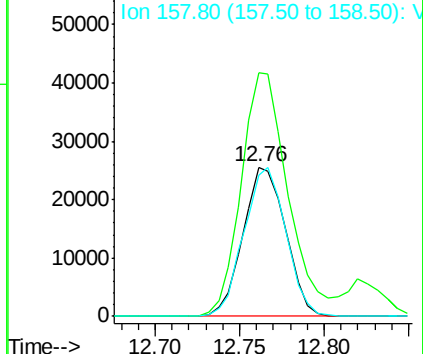
#77
Bromobenzene
Concen: 20.349 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. -0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

Tot Ion:156 Resp: 44821
Ion Ratio Lower Upper
156 100
77 178.3 87.3 261.8
158 98.6 48.0 144.0

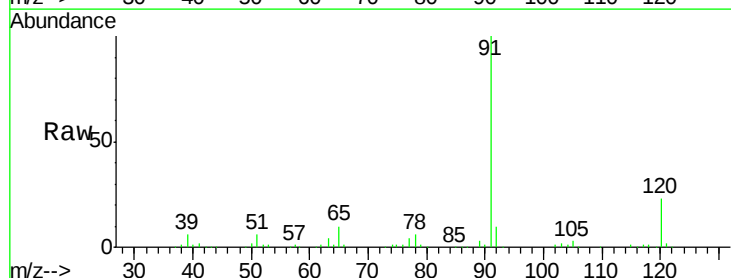


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

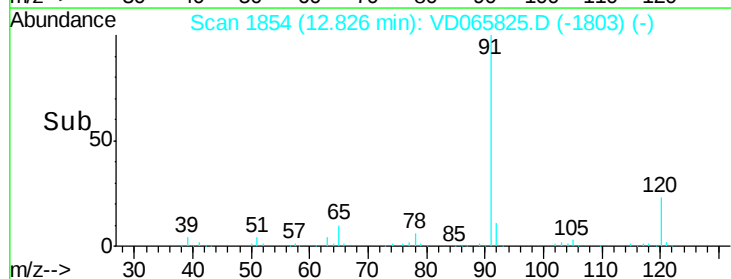
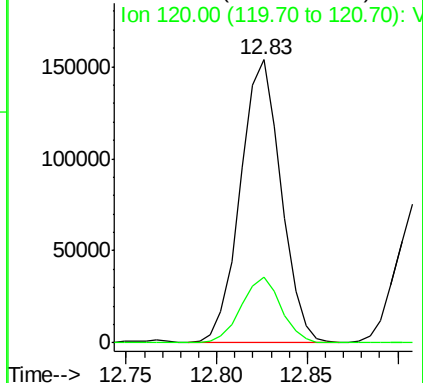


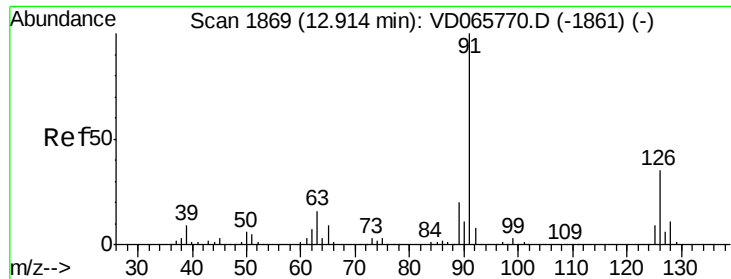
#78
n-propylbenzene
Concen: 21.388 ug/l
RT: 12.83 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 91 Resp: 239667
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V

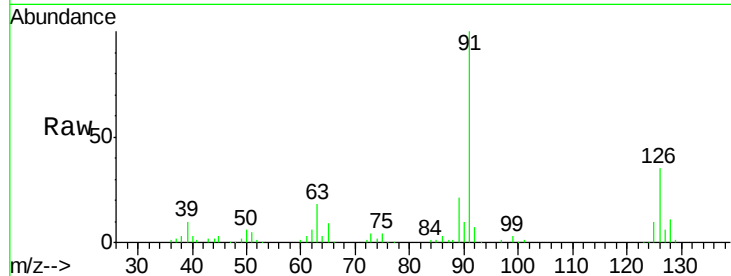




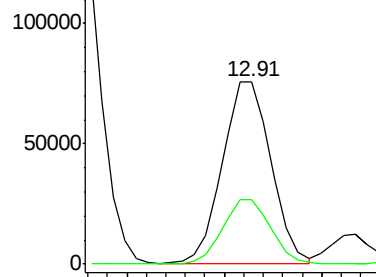
#79
2-Chlorotoluene
Concen: 21.300 ug/l
RT: 12.91 min Scan# 1869
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

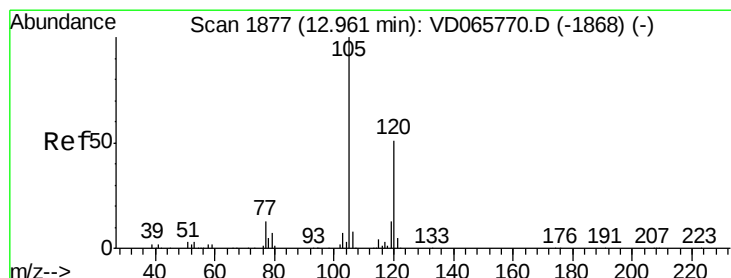
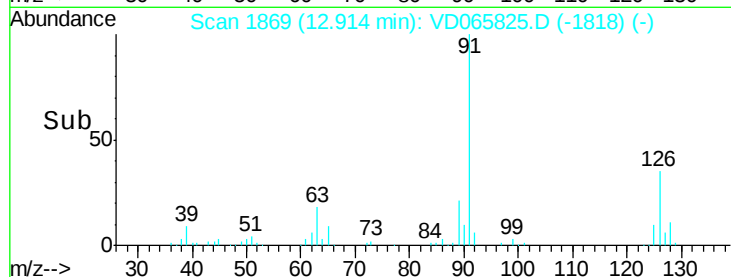
Tot Ion: 91 Resp: 130939
Ion Ratio Lower Upper
91 100
126 35.0 17.5 52.6



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

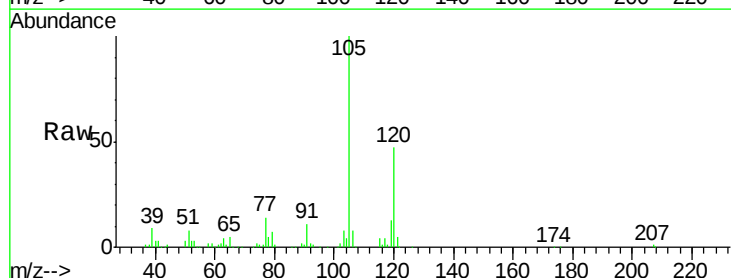


Time-->

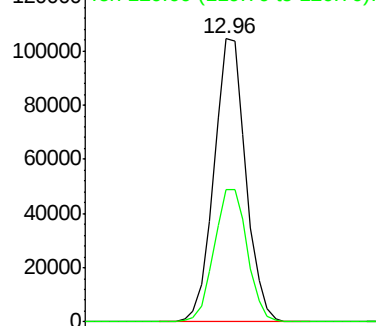


#80
1,3,5-Trimethylbenzene
Concen: 21.230 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

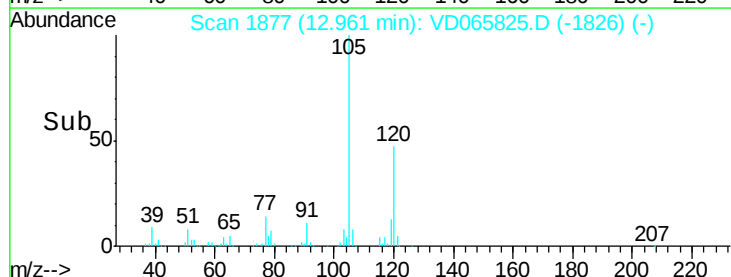
Tgt Ion: 105 Resp: 164470
Ion Ratio Lower Upper
105 100
120 49.0 25.4 76.0

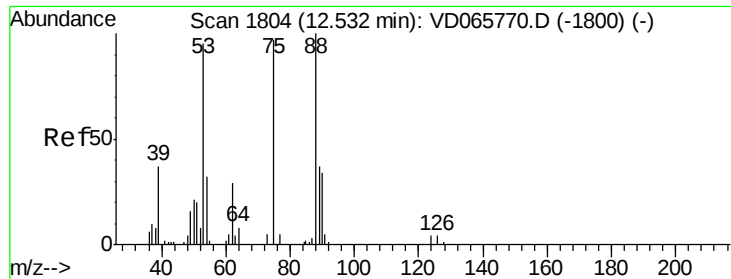


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.784 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

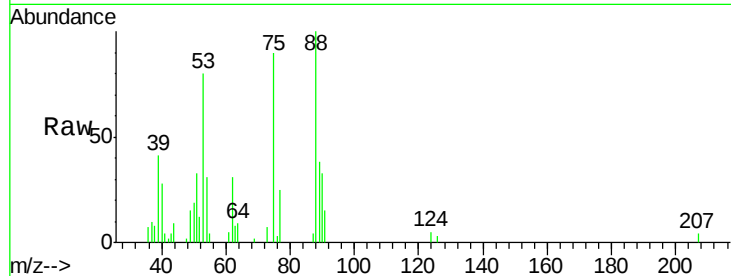
Tot Ion: 75 Resp: 9888

Ion Ratio Lower Upper

75 100

53 100.0 82.6 123.8

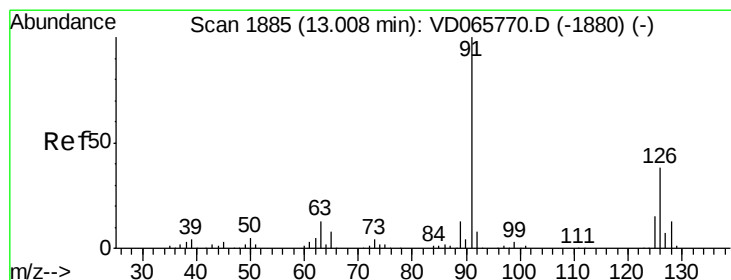
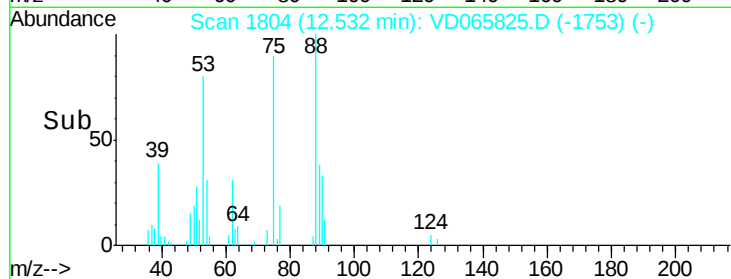
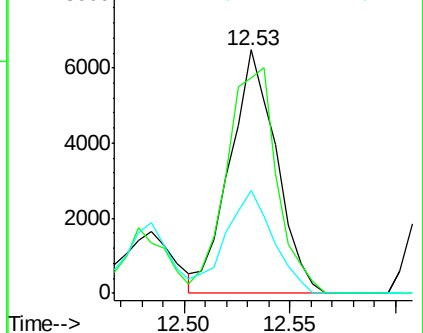
89 43.2 35.9 53.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.545 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065825.D

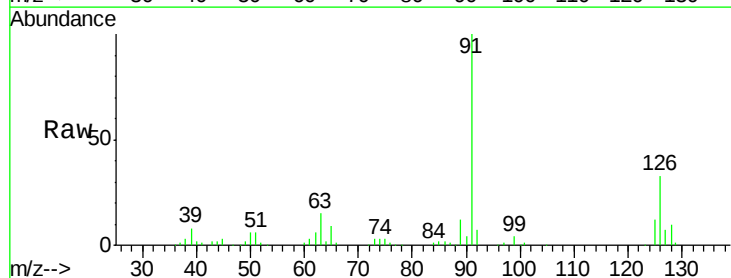
Acq: 19 Jun 2020 13:34

Tgt Ion: 91 Resp: 142159

Ion Ratio Lower Upper

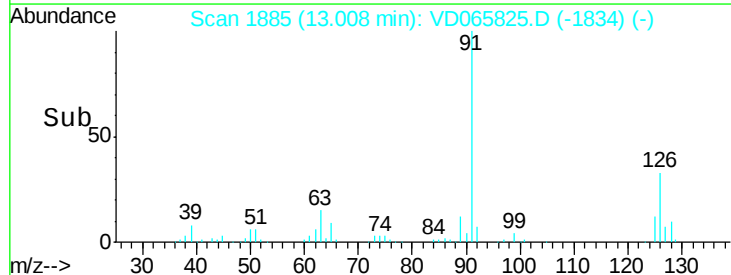
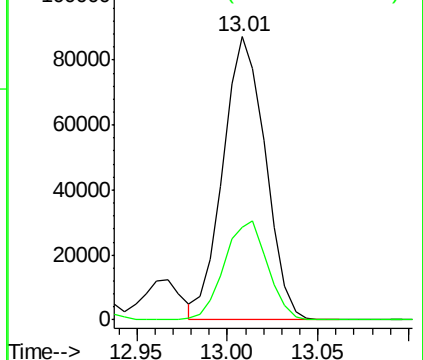
91 100

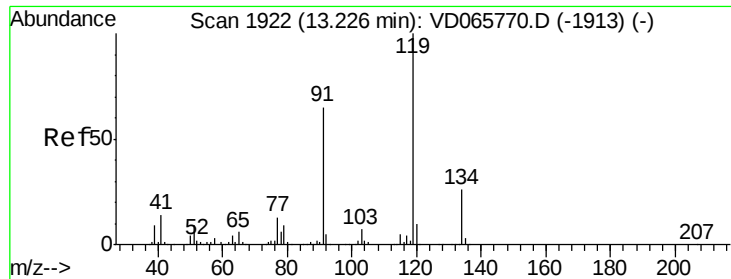
126 35.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

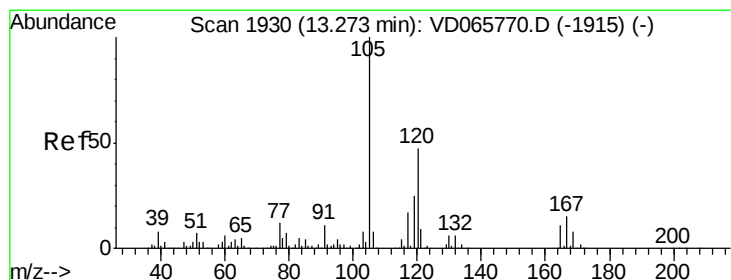
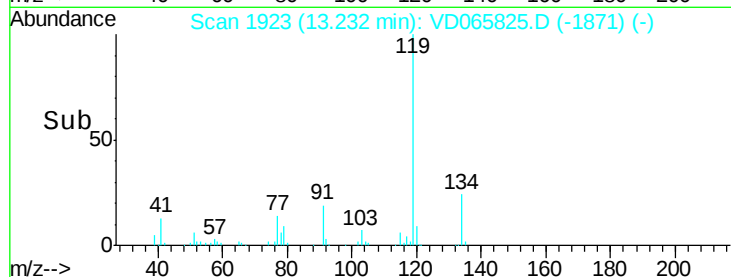
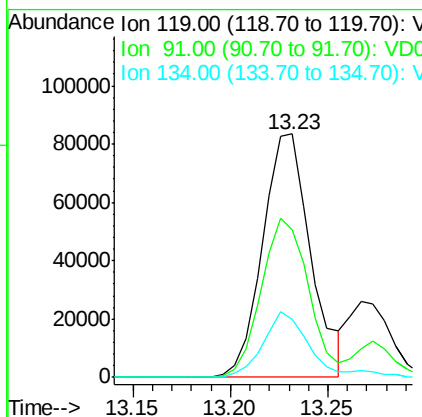
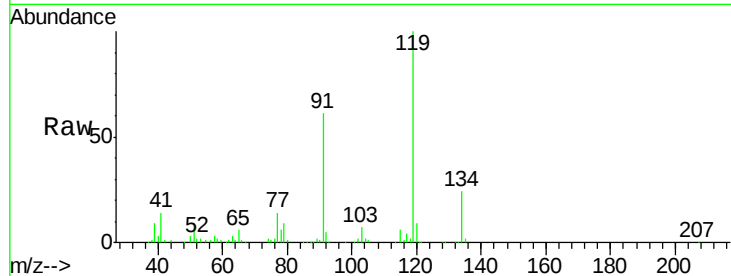




#83
tert-Butylbenzene
Concen: 21.218 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.01 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

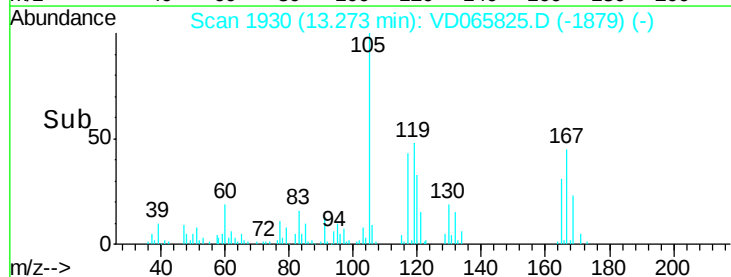
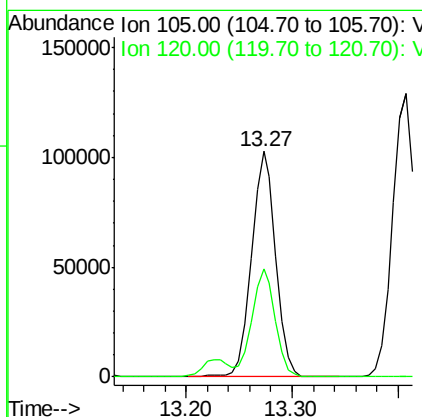
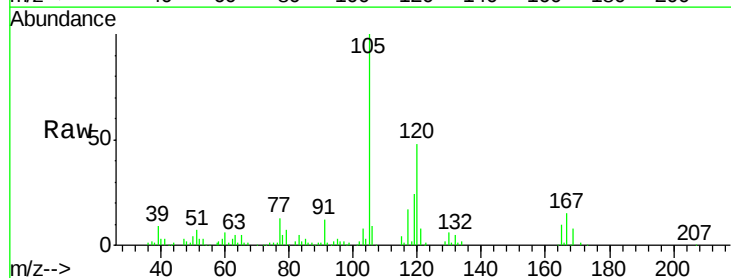
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

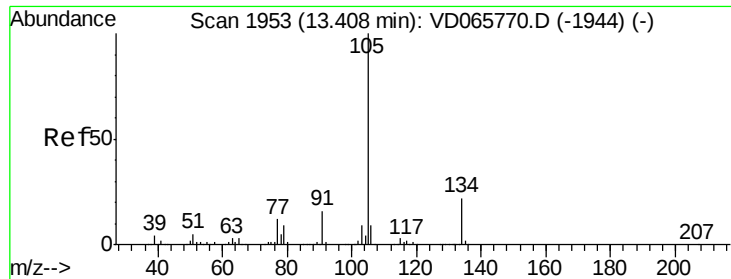
Tot Ion:119 Resp: 142629
Ion Ratio Lower Upper
119 100
91 64.1 32.0 96.0
134 26.7 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 21.071 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion:105 Resp: 163388
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.285 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

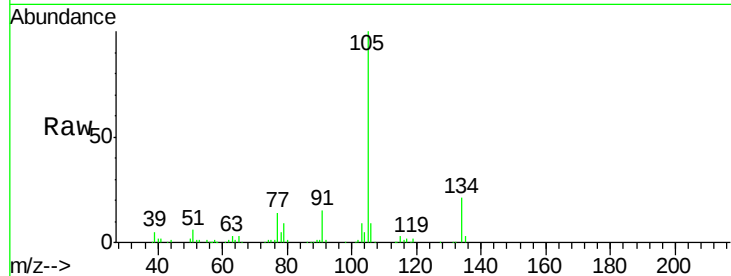
VD0619SBS01

Tot Ion:105 Resp: 199114

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

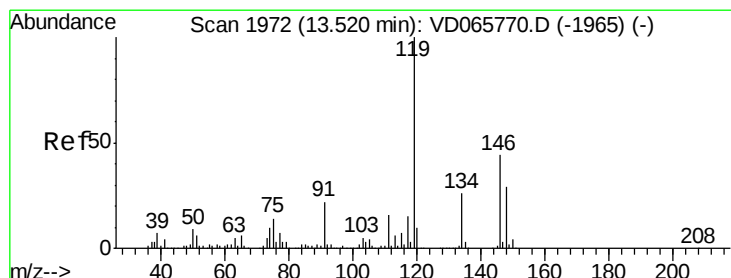
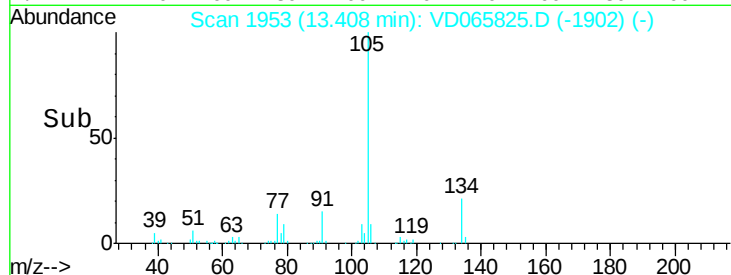
150000

100000

50000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 21.207 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

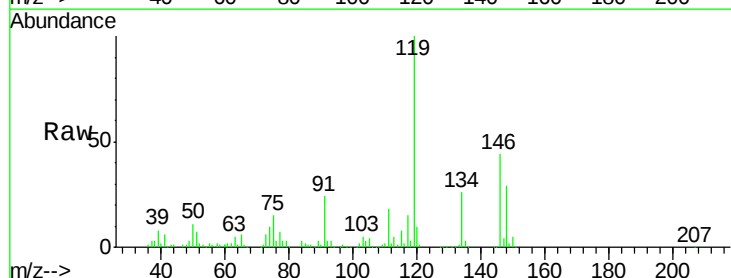
Tgt Ion:119 Resp: 181830

Ion Ratio Lower Upper

119 100

134 28.0 13.3 39.9

91 23.9 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

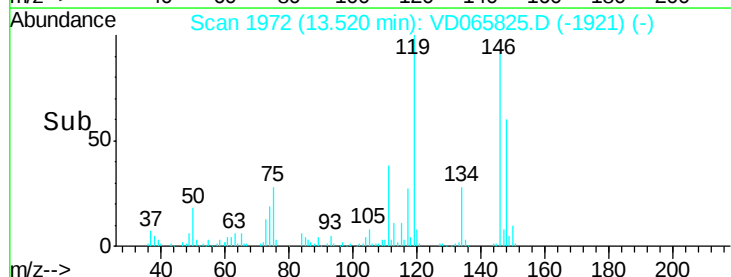
150000

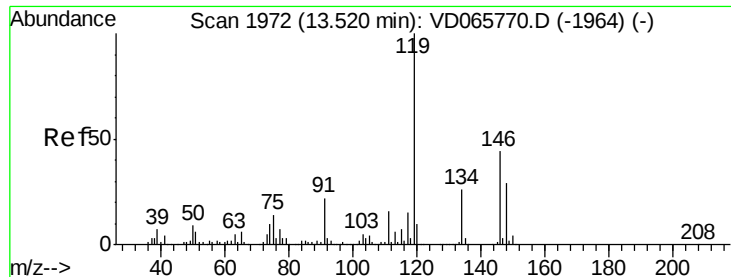
100000

50000

0

Time--> 13.45 13.50 13.55 13.60

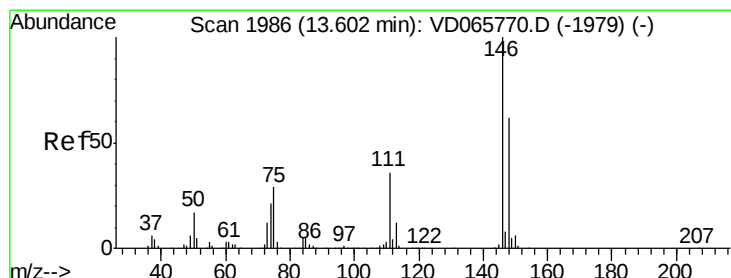
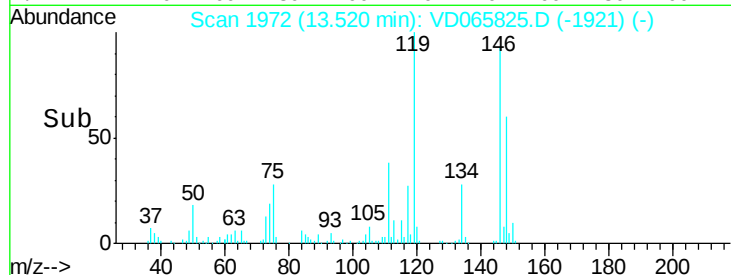
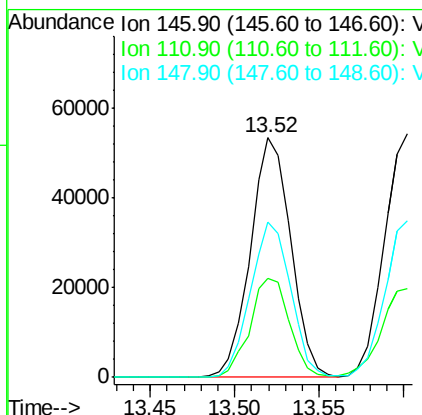
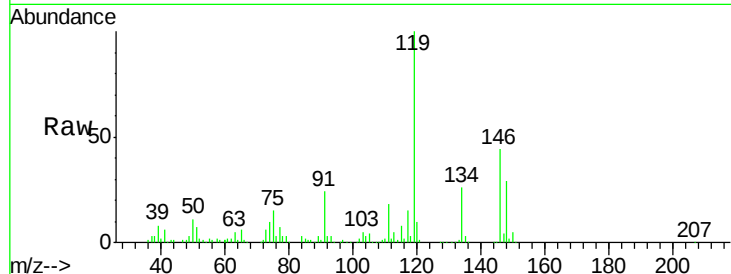




#87
 1,3-Dichlorobenzene
 Concen: 20.520 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

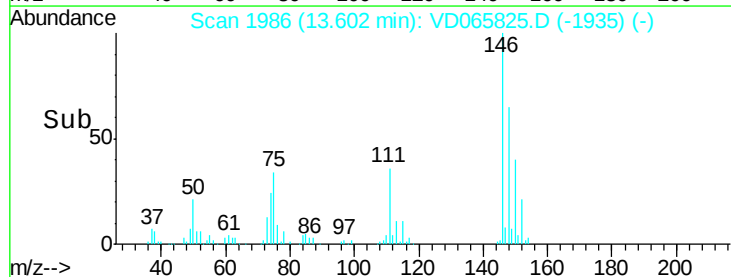
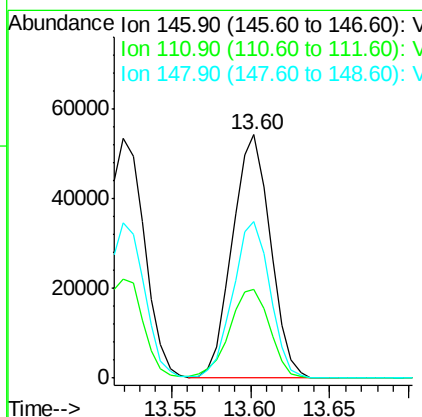
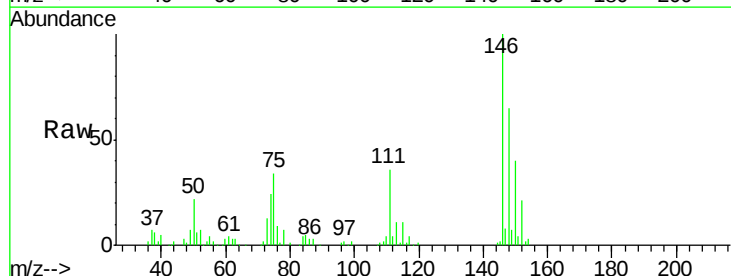
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

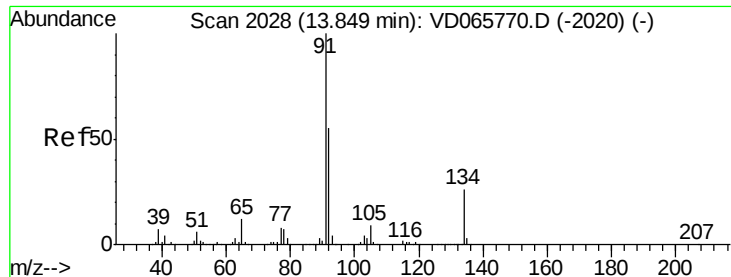
Tot Ion:146 Resp: 89117
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.2 57.6
 148 64.4 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.978 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion:146 Resp: 90630
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.7
 148 63.1 31.6 94.7

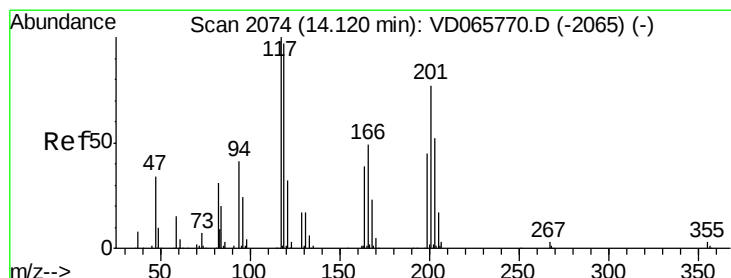
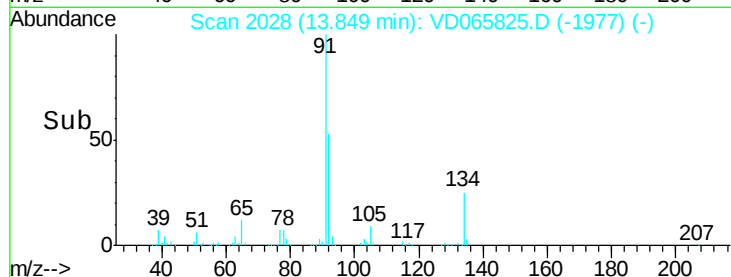
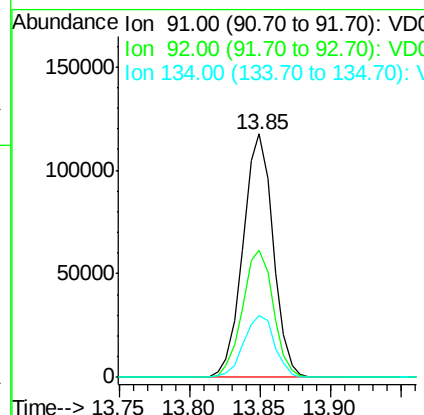
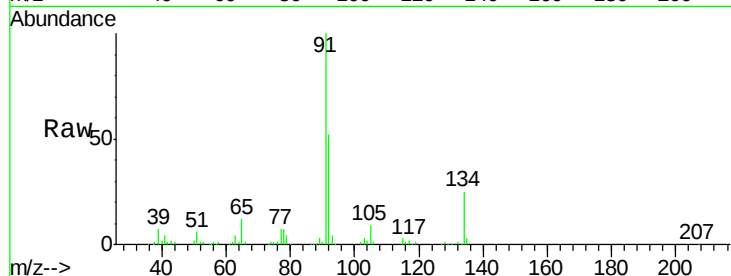




#89
n-Butylbenzene
Concen: 21.473 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

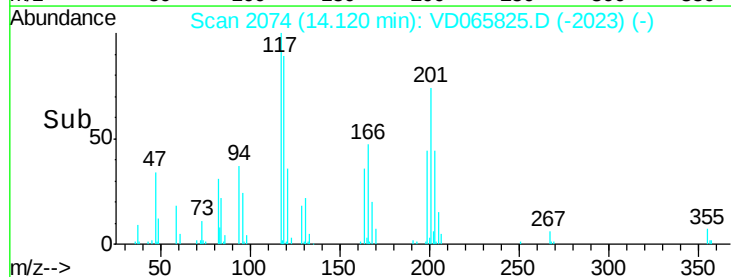
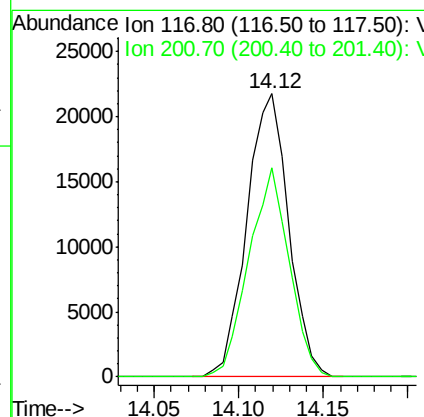
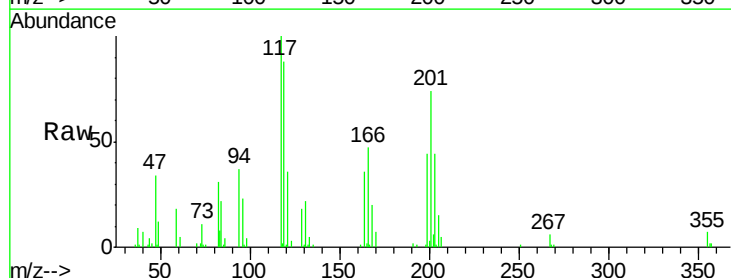
Instrument :
MSVOA_D
ClientSampleId :
VD0619SBS01

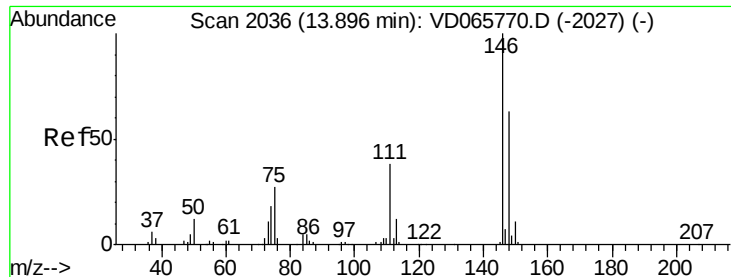
Tot Ion: 91 Resp: 175596
Ion Ratio Lower Upper
91 100
92 53.6 27.0 81.0
134 26.2 13.0 39.0



#90
Hexachloroethane
Concen: 21.827 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD065825.D
Acq: 19 Jun 2020 13:34

Tgt Ion: 117 Resp: 37461
Ion Ratio Lower Upper
117 100
201 71.4 37.1 111.5





#91

1,2-Dichlorobenzene

Concen: 20.486 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

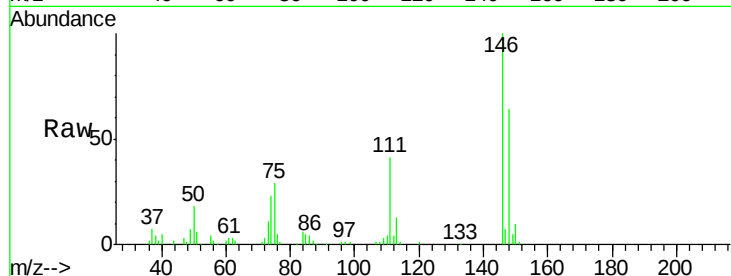
Tot Ion:146 Resp: 76571

Ion Ratio Lower Upper

146 100

111 39.8 19.8 59.4

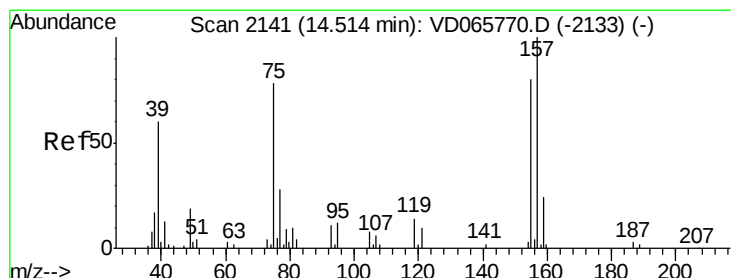
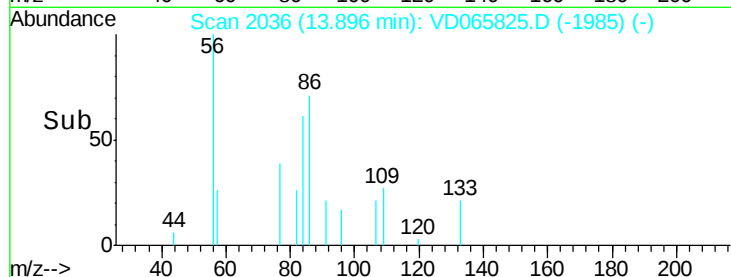
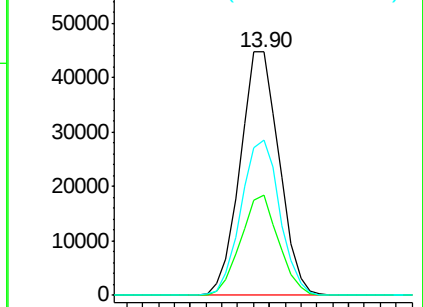
148 63.2 31.9 95.7



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: 19.633 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

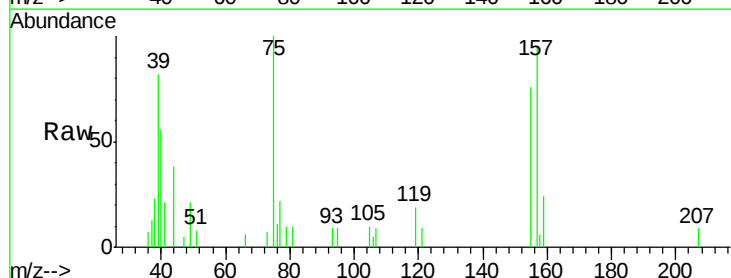
Tgt Ion: 75 Resp: 5137

Ion Ratio Lower Upper

75 100

155 86.5 46.3 138.9

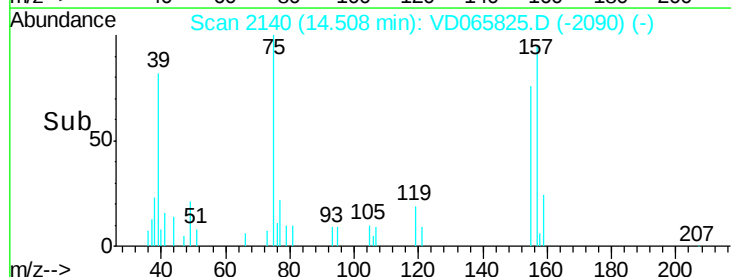
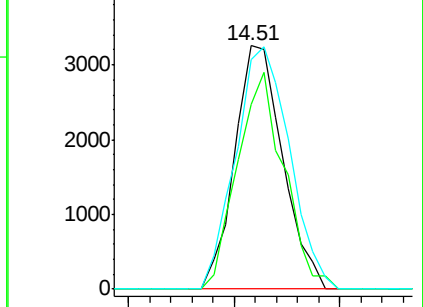
157 112.2 58.1 174.3

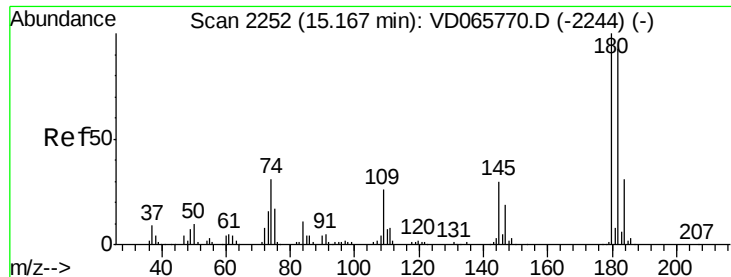


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

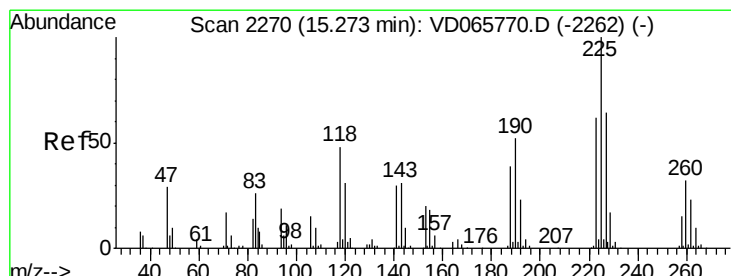
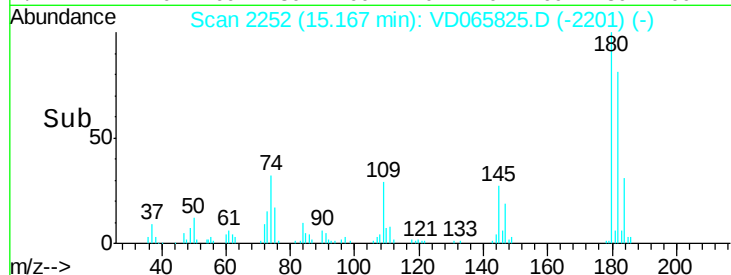
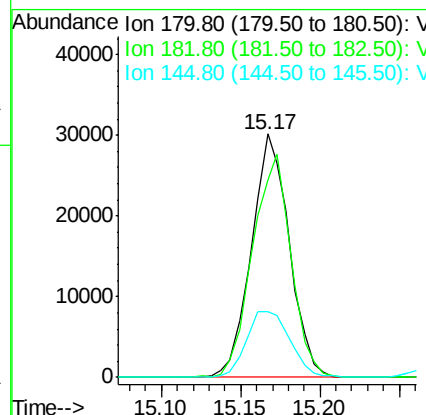
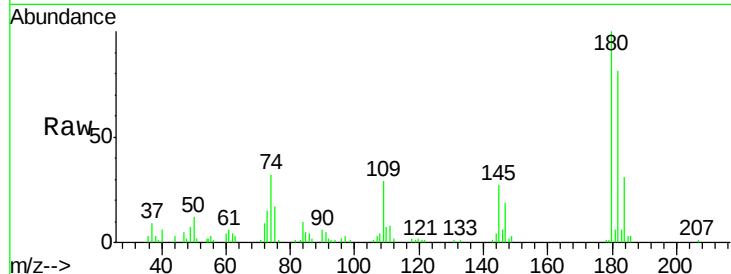




#93
 1,2,4-Trichlorobenzene
 Concen: 19.639 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

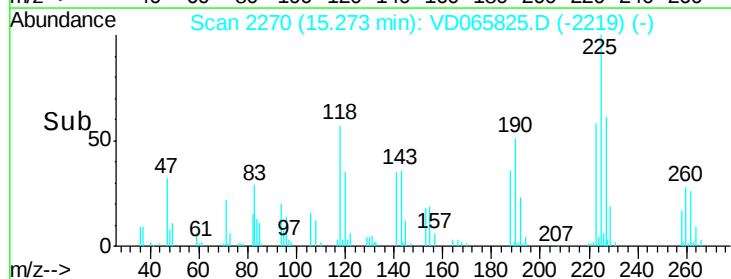
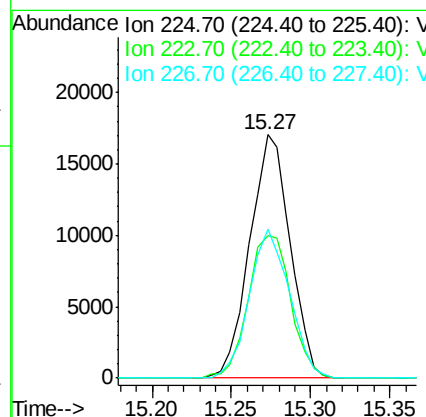
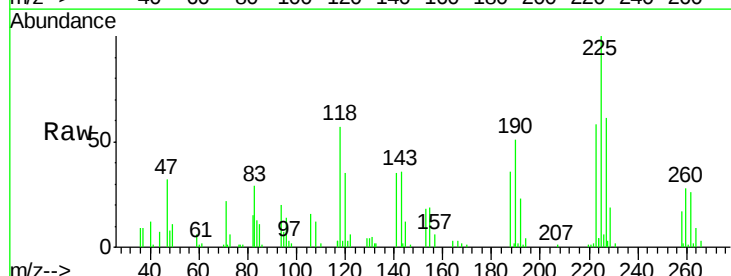
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

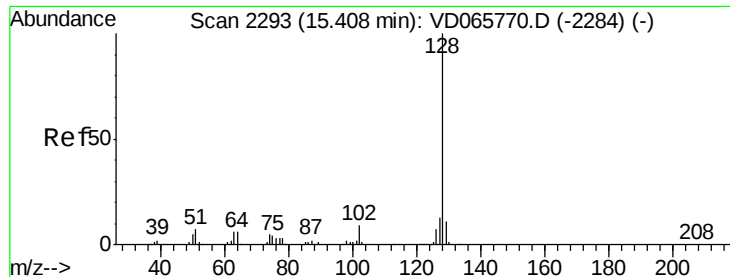
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	48.0	144.2
145	31.2	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 19.656 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065825.D
 Acq: 19 Jun 2020 13:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	30.9	92.7
227	61.0	31.9	95.7





#95

Naphthalene

Concen: 18.703 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

Instrument :

MSVOA_D

ClientSampleId :

VD0619SBS01

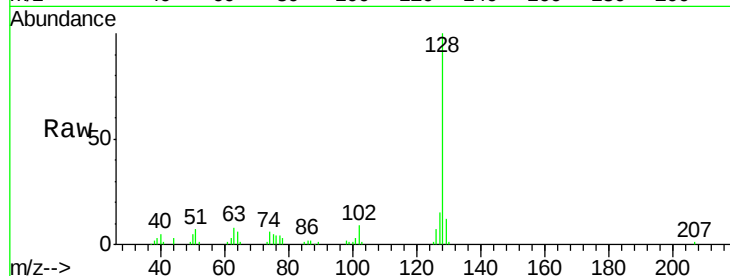
Tot Ion:128 Resp: 80510

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

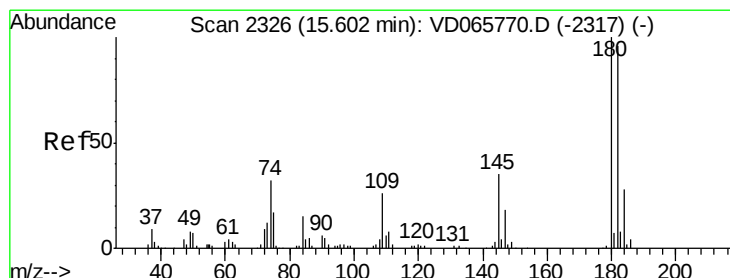
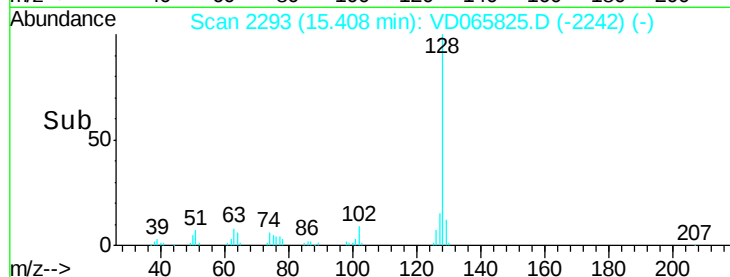
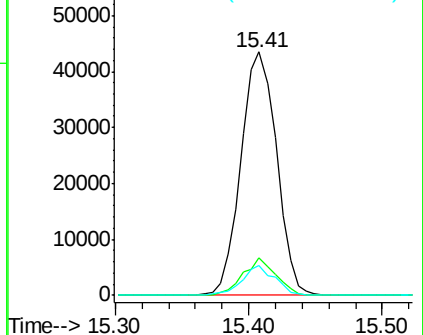
129 11.0 8.6 12.8



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: 18.797 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD065825.D

Acq: 19 Jun 2020 13:34

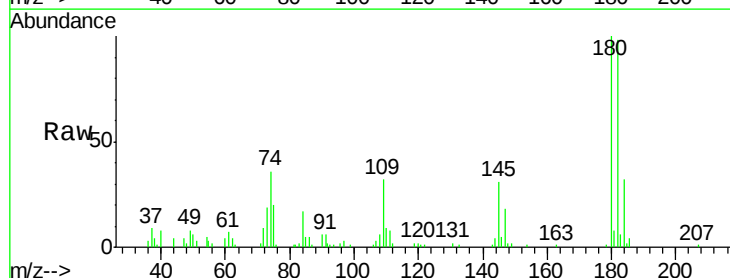
Tgt Ion:180 Resp: 41142

Ion Ratio Lower Upper

180 100

182 97.7 47.0 141.2

145 33.4 16.2 48.6



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

