

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067357.D
 Acq On : 22 Oct 2020 12:54
 Operator : VA/SY
 Sample : VD1022SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

Quant Time: Oct 22 14:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	305541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	463564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	440369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	225610	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	160564	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
35) Dibromofluoromethane	7.92	113	160392	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.34	98	579100	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.64	95	203796	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	52825	18.811	ug/l	97
3) Chloromethane	2.21	50	38373	19.956	ug/l	95
4) Vinyl Chloride	2.35	62	41378	19.612	ug/l	92
5) Bromomethane	2.76	94	32918	21.061	ug/l	99
6) Chloroethane	2.93	64	26608	20.250	ug/l	96
7) Trichlorofluoromethane	3.27	101	111247	20.939	ug/l	99
8) Diethyl Ether	3.71	74	24087	19.813	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58927	20.876	ug/l	99
10) Methyl Iodide	4.29	142	48173	18.501	ug/l	98
11) Tert butyl alcohol	5.21	59	17218	76.554	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	51409	20.387	ug/l	88
13) Acrolein	3.93	56	10463	73.900	ug/l	92
14) Allyl chloride	4.72	41	56434	19.542	ug/l	99
15) Acrylonitrile	5.41	53	42911	105.784	ug/l	98
16) Acetone	4.15	43	42874	100.009	ug/l	100
17) Carbon Disulfide	4.41	76	138998	19.335	ug/l	95
18) Methyl Acetate	4.71	43	19795	20.244	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	103048	20.552	ug/l	97
20) Methylene Chloride	4.97	84	63992	20.670	ug/l	98
21) trans-1,2-Dichloroethene	5.48	96	60501	20.849	ug/l	93
22) Diisopropyl ether	6.36	45	110854	21.014	ug/l #	97
23) Vinyl Acetate	6.31	43	318006	105.958	ug/l	99
24) 1,1-Dichloroethane	6.27	63	94148	20.849	ug/l	98
25) 2-Butanone	7.22	43	48852	99.968	ug/l	97
26) 2,2-Dichloropropane	7.21	77	93925	20.179	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	66966	21.056	ug/l	99
28) Bromochloromethane	7.54	49	30380	19.724	ug/l	99
29) Tetrahydrofuran	7.57	42	30106	110.828	ug/l	95
30) Chloroform	7.71	83	110474	20.479	ug/l	92
31) Cyclohexane	7.99	56	68722	19.492	ug/l #	89
32) 1,1,1-Trichloroethane	7.91	97	112308	21.219	ug/l	98
36) 1,1-Dichloropropene	8.11	75	79072	20.125	ug/l	99
37) Ethyl Acetate	7.30	43	25070	21.687	ug/l #	92
38) Carbon Tetrachloride	8.10	117	106537	21.216	ug/l	98

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 Sample : VD1022SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

Quant Time: Oct 22 14:52:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	81558	19.856	ug/l	98
40) Benzene	8.36	78	221532	20.553	ug/l	98
41) Methacrylonitrile	7.53	41	10196	16.322	ug/l #	62
42) 1,2-Dichloroethane	8.43	62	73178	21.694	ug/l	97
43) Isopropyl Acetate	8.46	43	48767	21.261	ug/l	99
44) Trichloroethene	9.11	130	71578	20.741	ug/l	97
45) 1,2-Dichloropropane	9.39	63	50021	20.024	ug/l	98
46) Dibromomethane	9.48	93	31812	20.439	ug/l	97
47) Bromodichloromethane	9.67	83	87173	20.905	ug/l	94
48) Methyl methacrylate	9.46	41	23419	21.009	ug/l	88
49) 1,4-Dioxane	9.47	88	6510	414.429	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	119887	104.790	ug/l	99
52) Toluene	10.41	92	157245	21.419	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	75952	20.734	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	88207	20.575	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	46093	21.717	ug/l #	92
56) Ethyl methacrylate	10.67	69	45970	20.884	ug/l	95
57) 1,3-Dichloropropane	10.95	76	70810	20.964	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	121154	107.293	ug/l	98
59) 2-Hexanone	10.99	43	79787	102.059	ug/l	99
60) Dibromochloromethane	11.14	129	62914	20.326	ug/l	96
61) 1,2-Dibromoethane	11.25	107	43585	20.830	ug/l	98
64) Tetrachloroethene	10.88	164	62279	19.519	ug/l	97
65) Chlorobenzene	11.68	112	172342	20.409	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	69631	20.747	ug/l	98
67) Ethyl Benzene	11.75	91	292423	20.201	ug/l	97
68) m/p-Xylenes	11.86	106	232526	41.714	ug/l	98
69) o-Xylene	12.18	106	103582	20.067	ug/l	96
70) Styrene	12.20	104	181734	20.452	ug/l	98
71) Bromoform	12.37	173	37387	20.735	ug/l #	99
73) Isopropylbenzene	12.48	105	288292	20.134	ug/l	99
74) N-amyl acetate	12.29	43	44216	20.446	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	46990	21.418	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	62699	40.097	ug/l #	100
77) Bromobenzene	12.77	156	70963	19.879	ug/l	98
78) n-propylbenzene	12.83	91	340686	20.536	ug/l	98
79) 2-Chlorotoluene	12.91	91	191549	19.910	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	257247	20.674	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15356	22.270	ug/l	90
82) 4-Chlorotoluene	13.01	91	212380	20.799	ug/l	100
83) tert-Butylbenzene	13.23	119	213949	20.355	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	254131	20.664	ug/l	99
85) sec-Butylbenzene	13.41	105	289636	20.083	ug/l	100
86) p-Isopropyltoluene	13.52	119	276176	20.288	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	141826	20.641	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	142224	20.892	ug/l	99
89) n-Butylbenzene	13.85	91	238218	19.892	ug/l	99
90) Hexachloroethane	14.11	117	46925	19.754	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	122551	20.417	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7719	19.366	ug/l	94

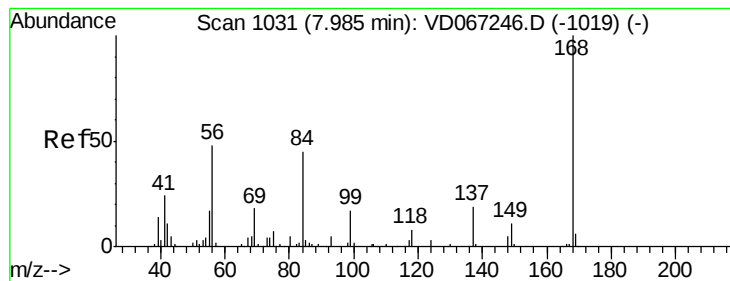
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102220\
Data File : VD067357.D
Acq On : 22 Oct 2020 12:54
Operator : VA/SY
Sample : VD1022SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

Quant Time: Oct 22 14:52:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82085	20.283	ug/l	99
94) Hexachlorobutadiene	15.28	225	51999	20.691	ug/l	97
95) Naphthalene	15.41	128	133347	20.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	72142	20.634	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

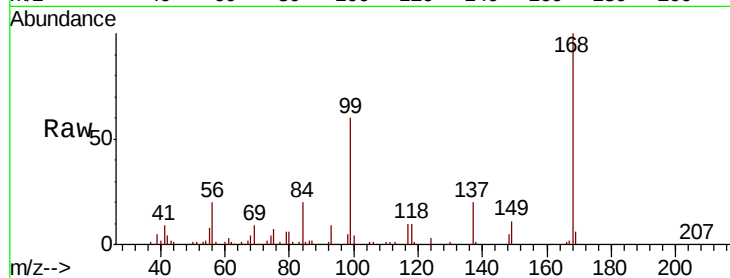
VD1022SBSD01

Tot Ion:168 Resp: 305541

Ion Ratio Lower Upper

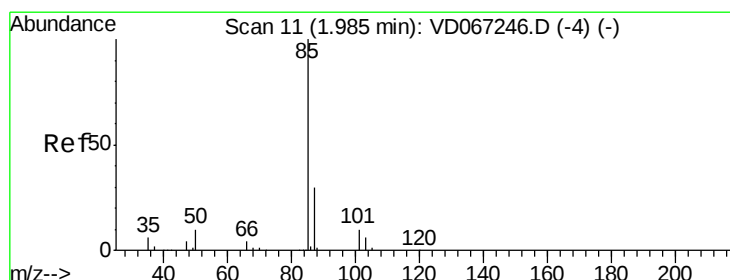
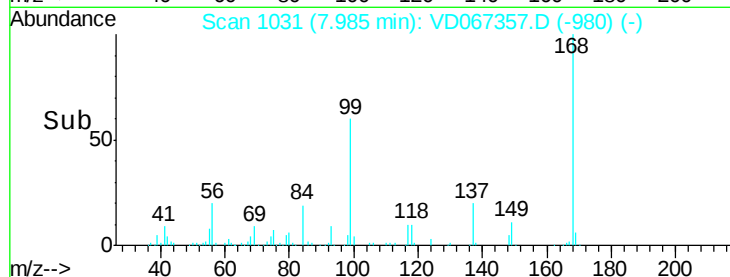
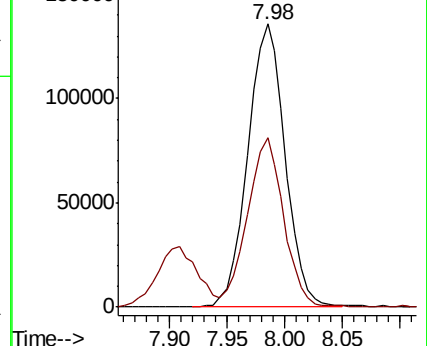
168 100

99 59.2 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 18.811 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067357.D

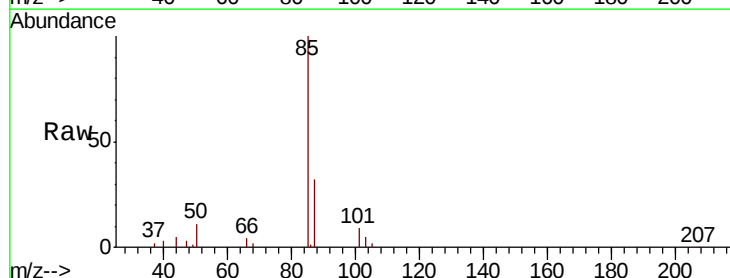
Acq: 22 Oct 2020 12:54

Tgt Ion: 85 Resp: 52825

Ion Ratio Lower Upper

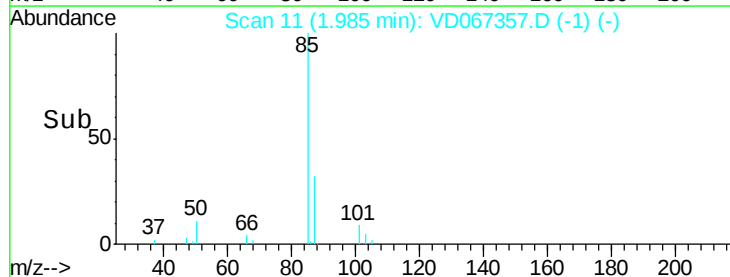
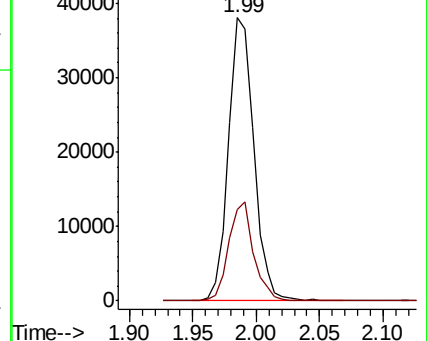
85 100

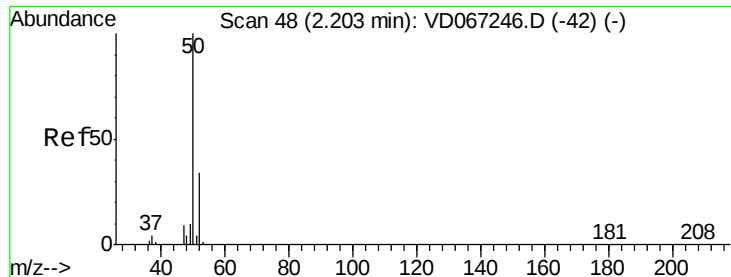
87 32.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.956 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

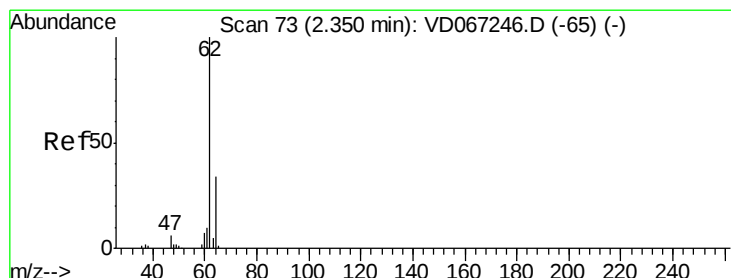
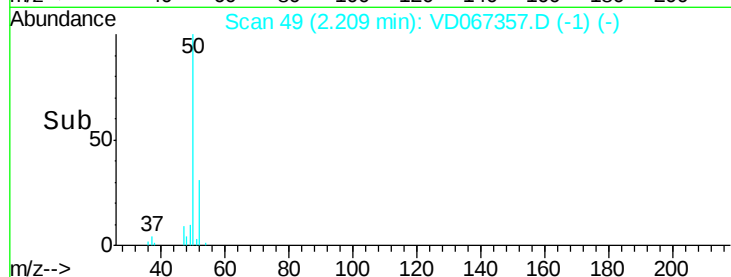
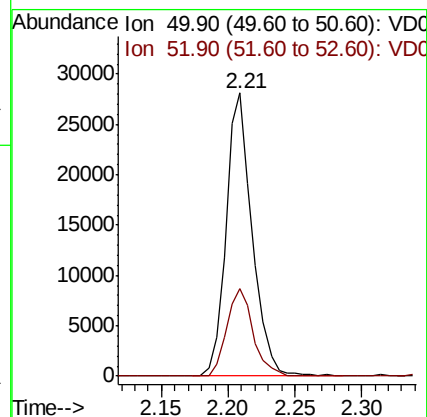
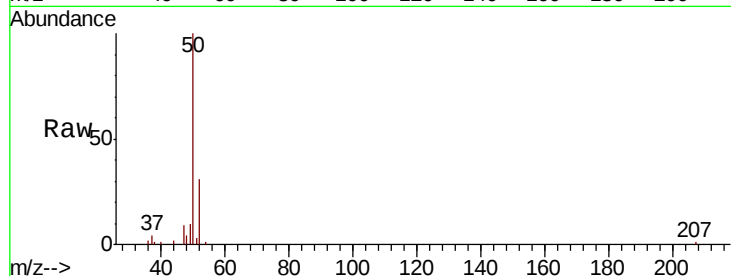
VD1022SBS01

Tot Ion: 50 Resp: 38373

Ion Ratio Lower Upper

50 100

52 30.9 27.1 40.7



#4

Vinyl Chloride

Concen: 19.612 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067357.D

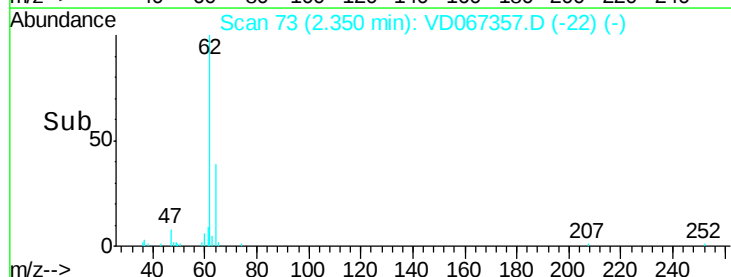
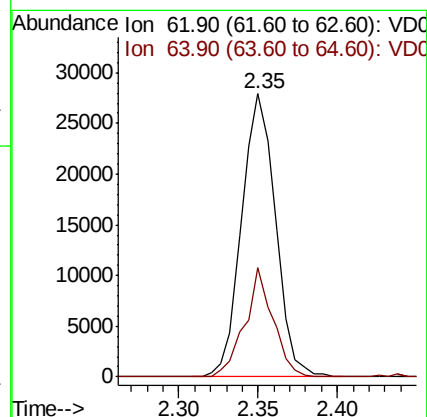
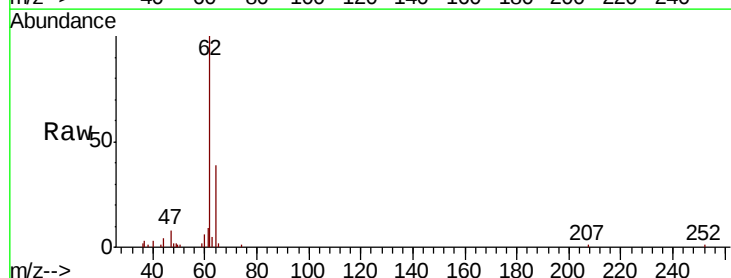
Acq: 22 Oct 2020 12:54

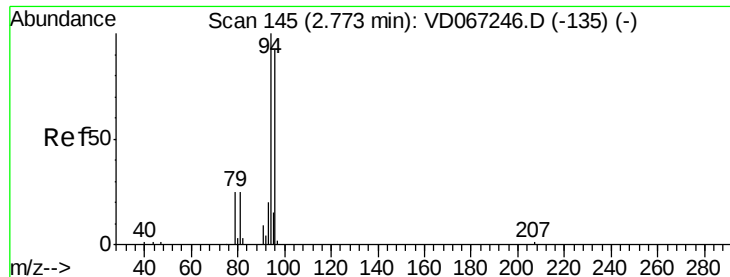
Tgt Ion: 62 Resp: 41378

Ion Ratio Lower Upper

62 100

64 38.8 27.4 41.0





#5

Bromomethane

Concen: 21.061 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

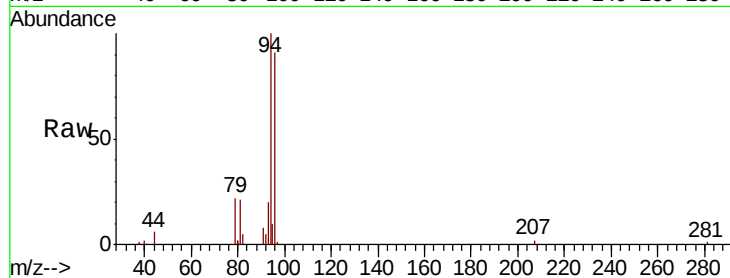
VD1022SBSD01

Tot Ion: 94 Resp: 32918

Ion Ratio Lower Upper

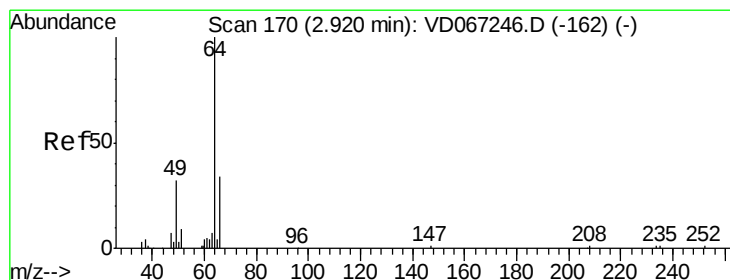
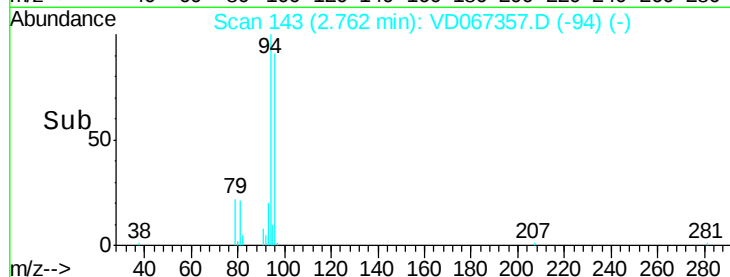
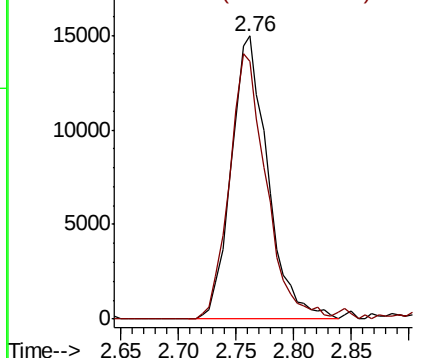
94 100

96 91.2 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.250 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067357.D

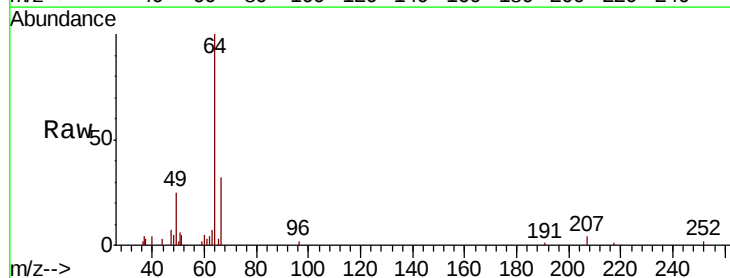
Acq: 22 Oct 2020 12:54

Tgt Ion: 64 Resp: 26608

Ion Ratio Lower Upper

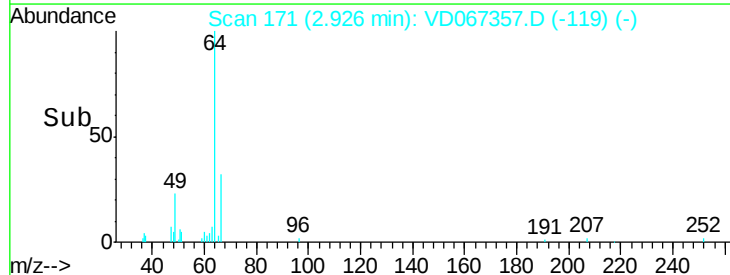
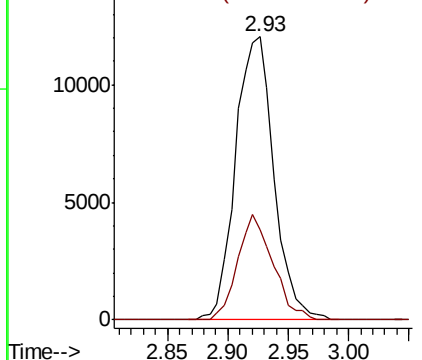
64 100

66 31.9 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



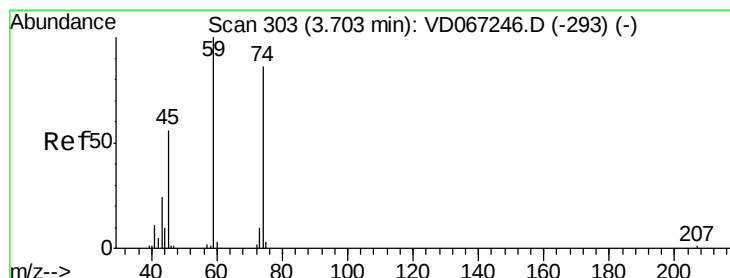
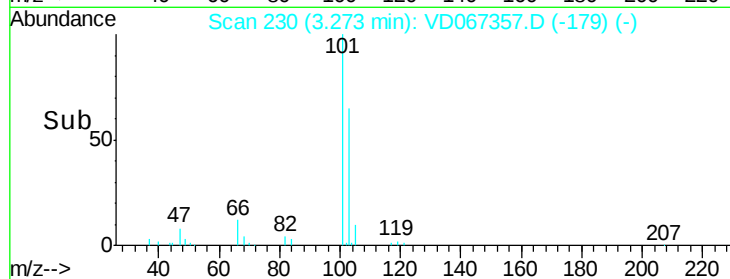
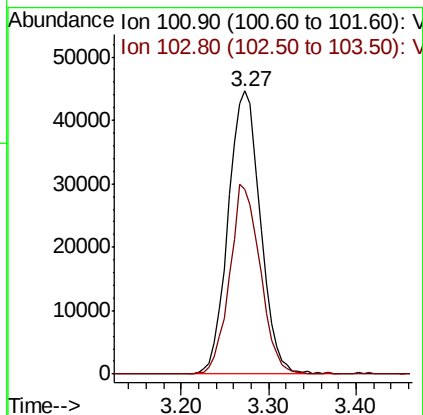
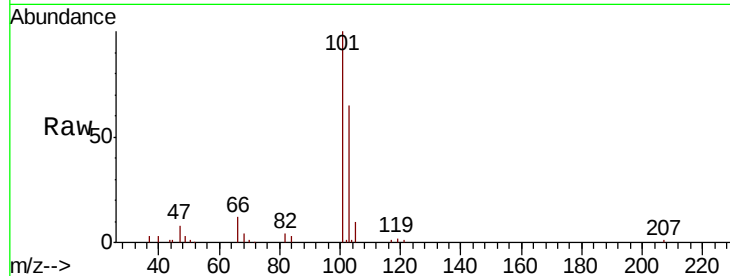


#7

Trichlorofluoromethane
 Concen: 20.939 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

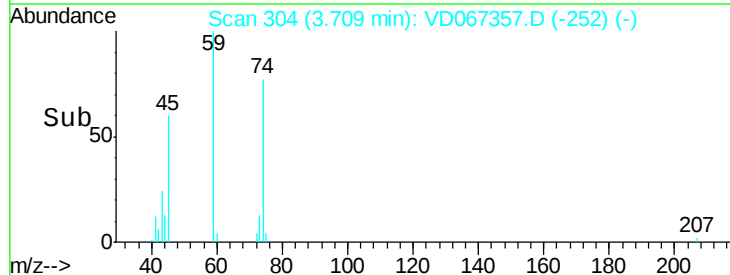
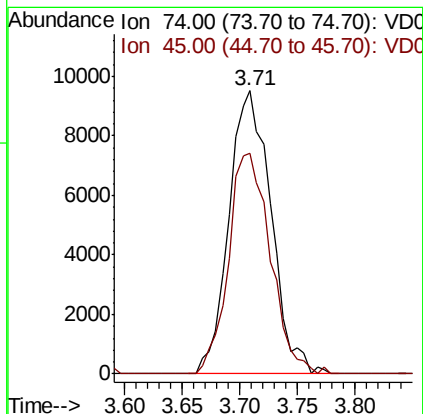
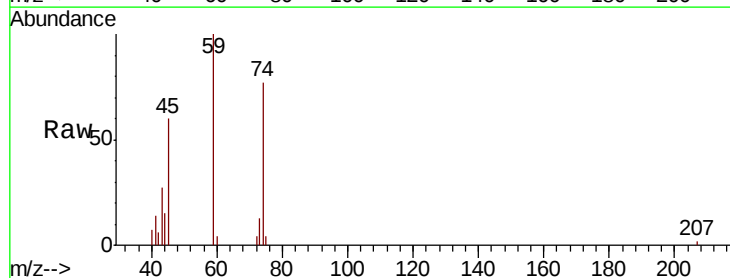
Tot Ion:101 Resp: 111247
 Ion Ratio Lower Upper
 101 100
 103 65.5 53.1 79.7

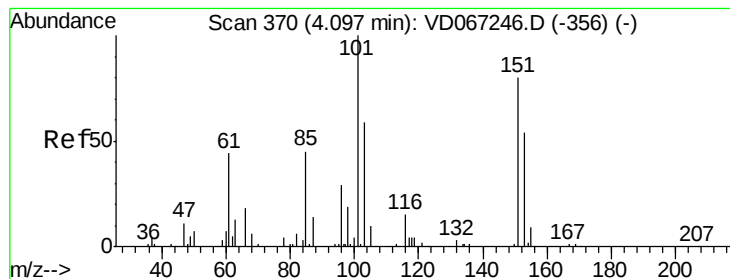


#8

Diethyl Ether
 Concen: 19.813 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.01 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion: 74 Resp: 24087
 Ion Ratio Lower Upper
 74 100
 45 77.1 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.876 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBSD01

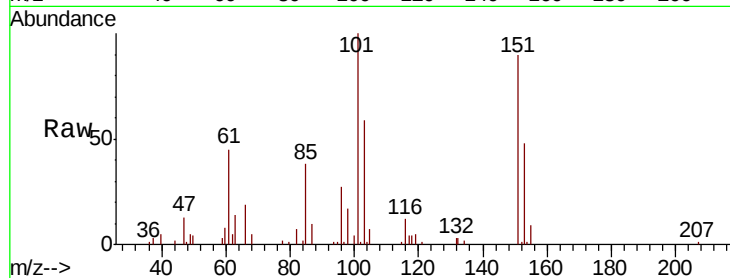
Tot Ion:101 Resp: 58927

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

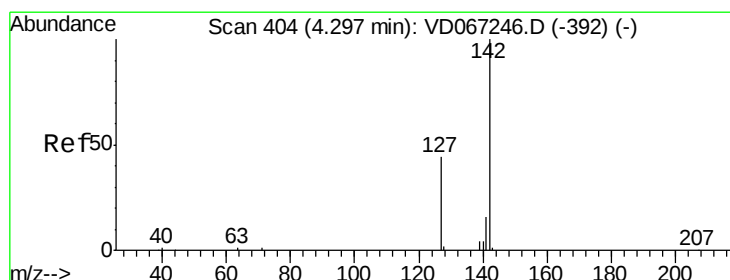
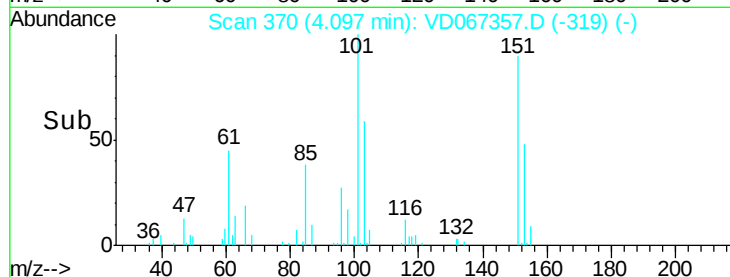
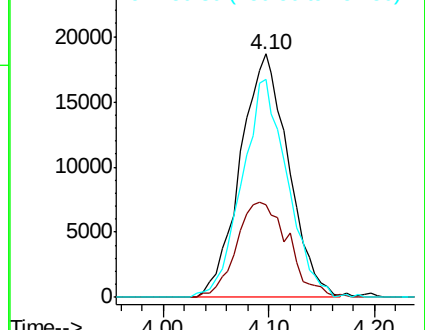
151 84.4 66.3 99.5



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: 18.501 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

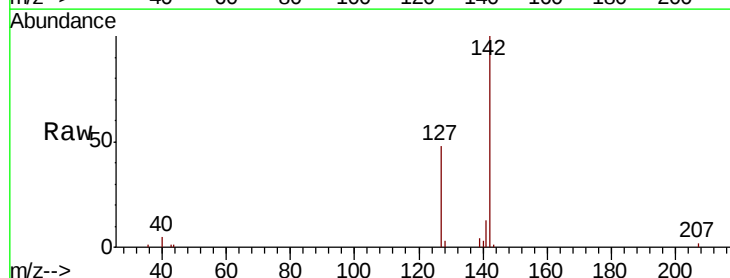
Tgt Ion:142 Resp: 48173

Ion Ratio Lower Upper

142 100

127 49.4 38.4 57.6

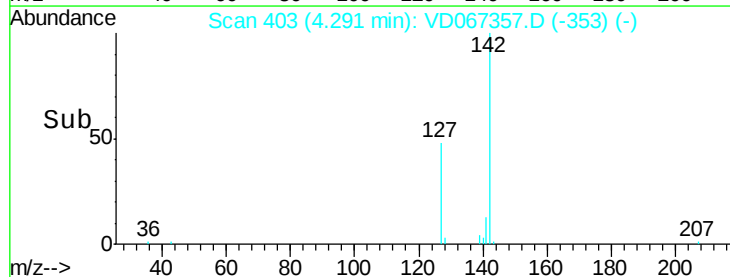
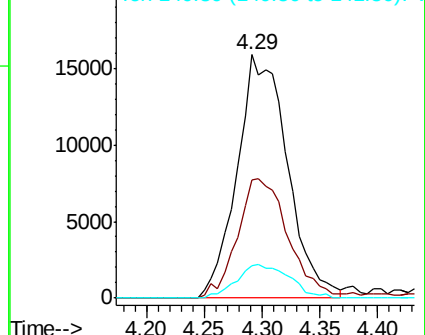
141 14.6 11.6 17.4

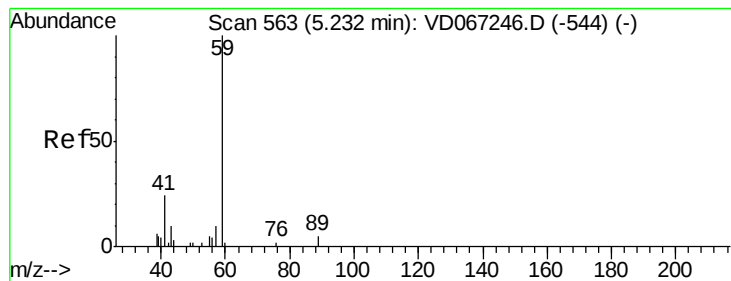


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 76.554 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

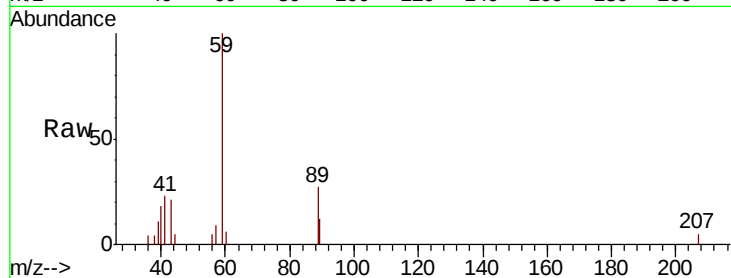
VD1022SBS01

Tot Ion: 59 Resp: 17218

Ion Ratio Lower Upper

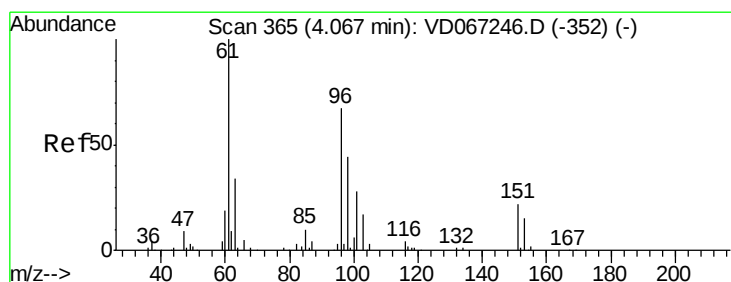
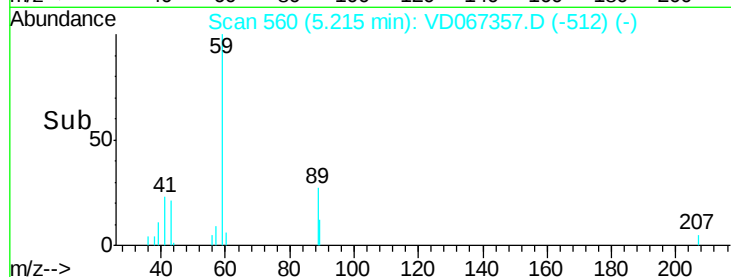
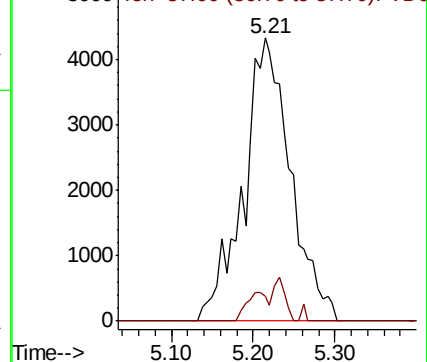
59 100

57 4.6 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.387 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

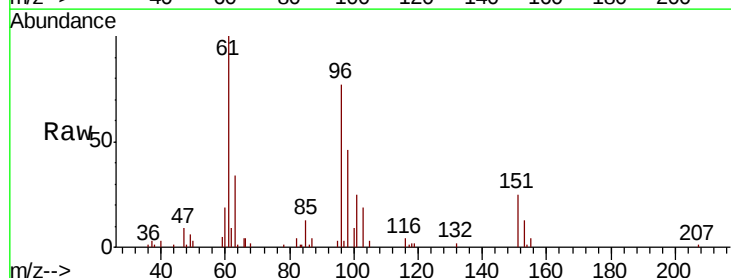
Tgt Ion: 96 Resp: 51409

Ion Ratio Lower Upper

96 100

61 130.0 118.6 177.8

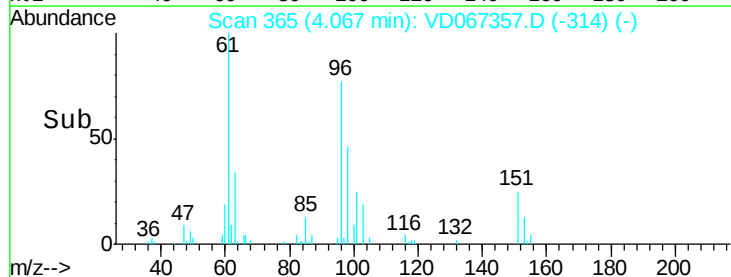
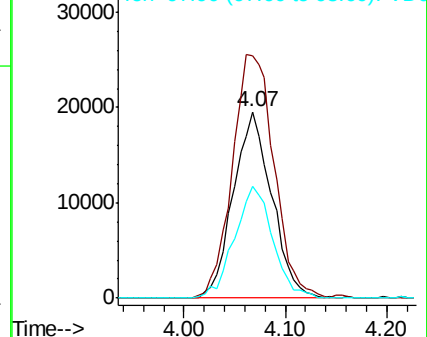
98 59.9 51.8 77.6

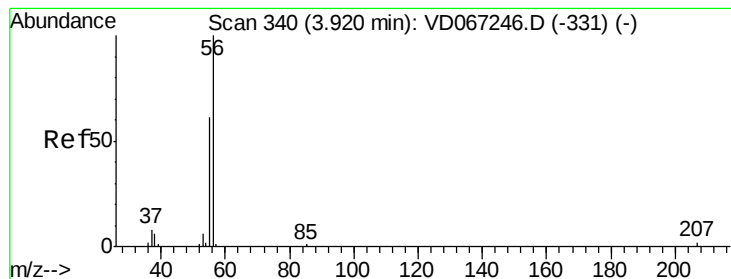


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 73.900 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

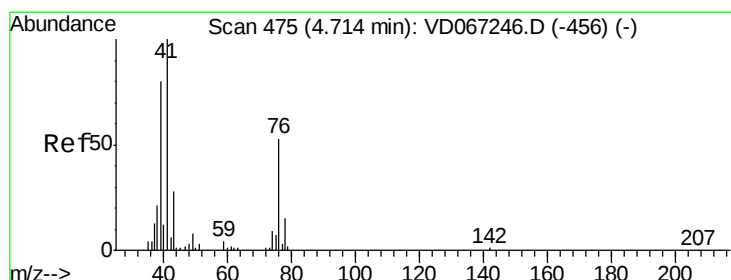
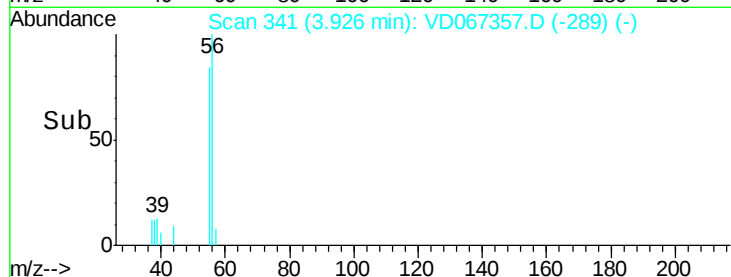
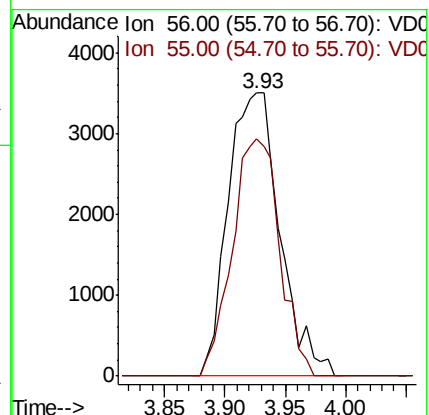
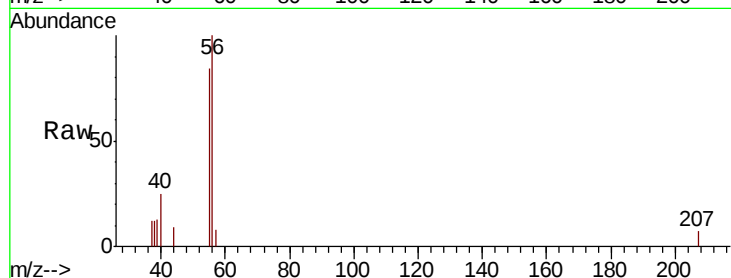
VD1022SBS01

Tot Ion: 56 Resp: 10463

Ion Ratio Lower Upper

56 100

55 76.5 56.0 84.0



#14

Allyl chloride

Concen: 19.542 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

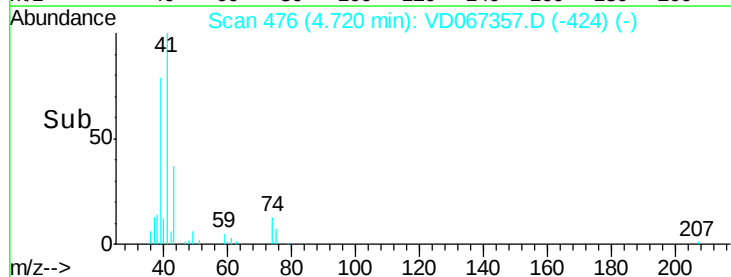
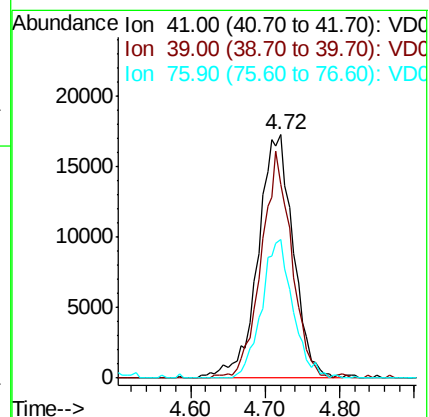
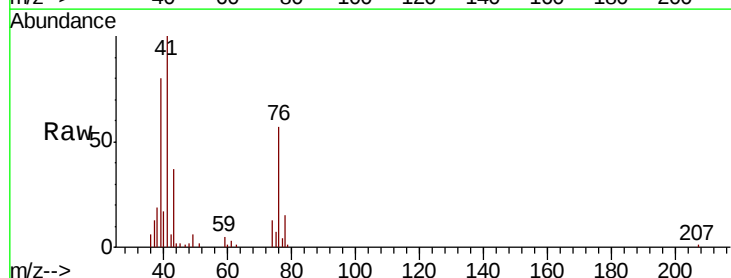
Tgt Ion: 41 Resp: 56434

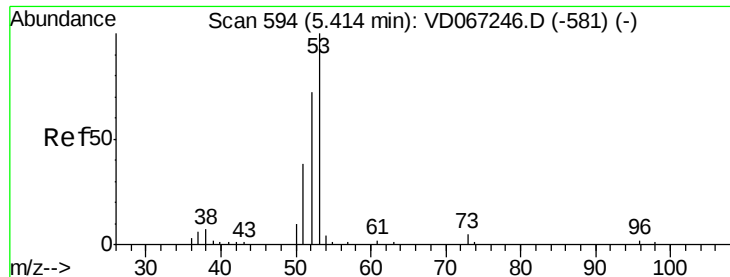
Ion Ratio Lower Upper

41 100

39 80.6 63.8 95.6

76 50.7 40.4 60.6





#15

Acrylonitrile

Concen: 105.784 ug/l

RT: 5.41 min Scan# 594

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBS01

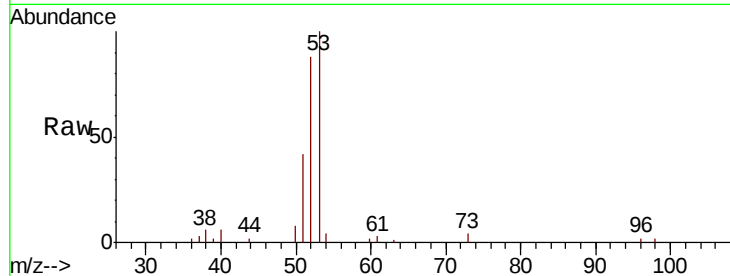
Tot Ion: 53 Resp: 42911

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

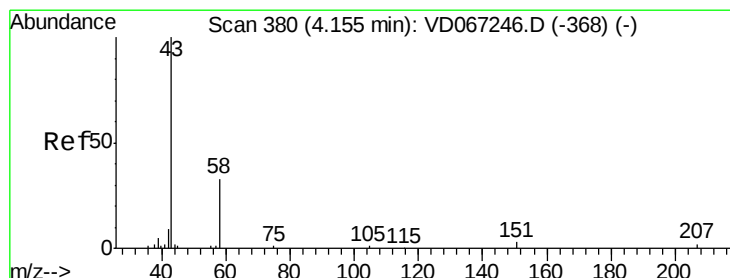
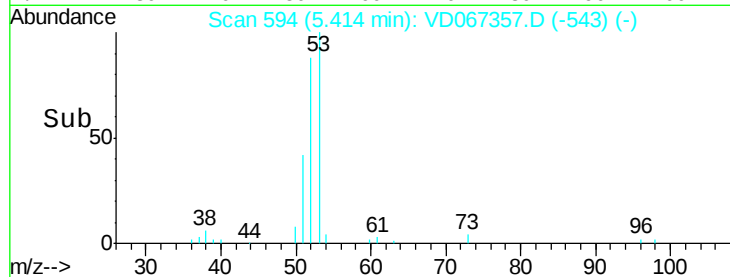
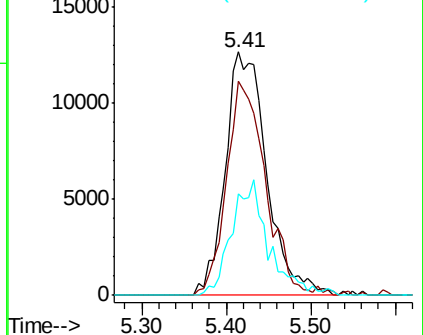
51 41.8 30.8 46.2



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: 100.009 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067357.D

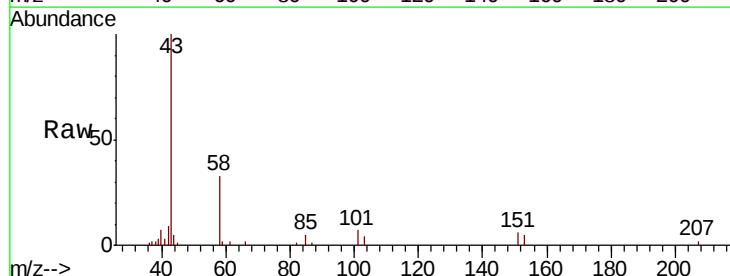
Acq: 22 Oct 2020 12:54

Tgt Ion: 43 Resp: 42874

Ion Ratio Lower Upper

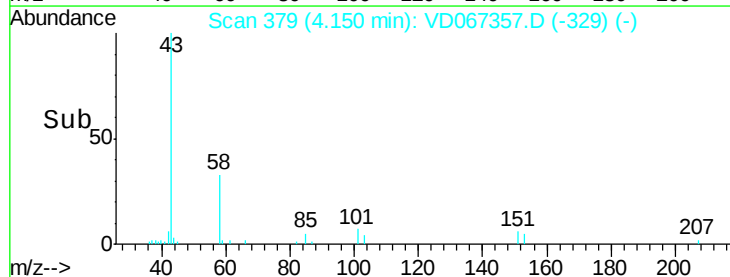
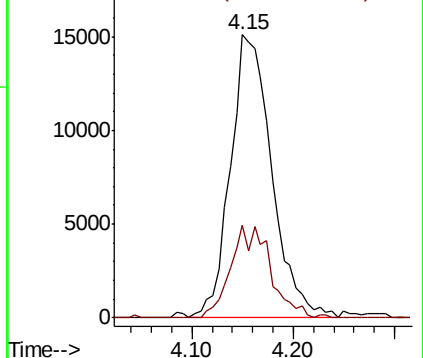
43 100

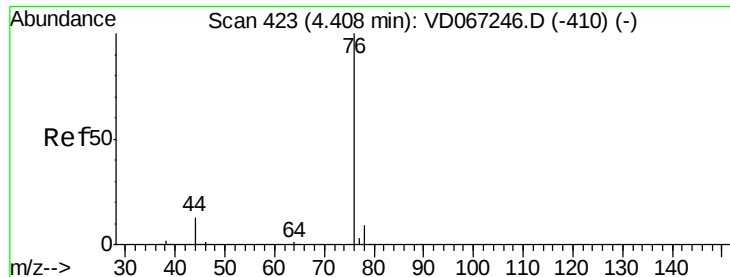
58 32.8 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

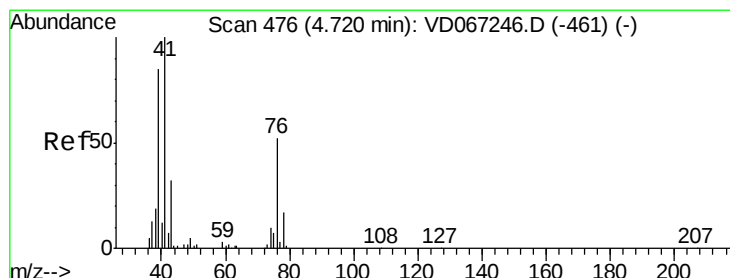
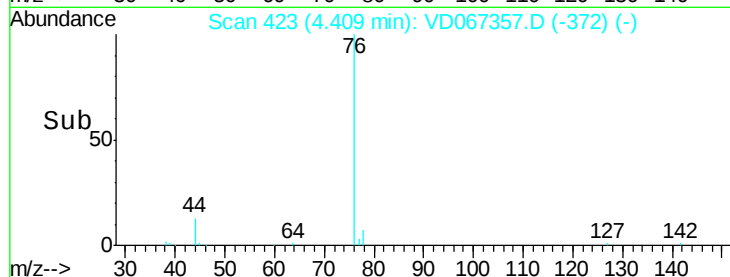
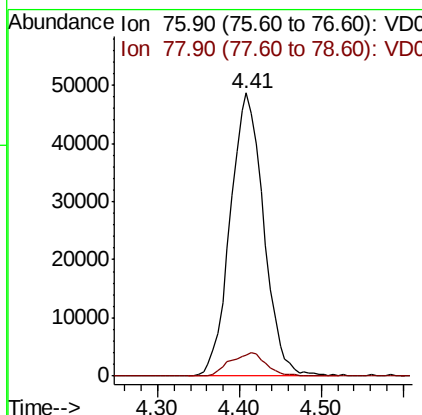
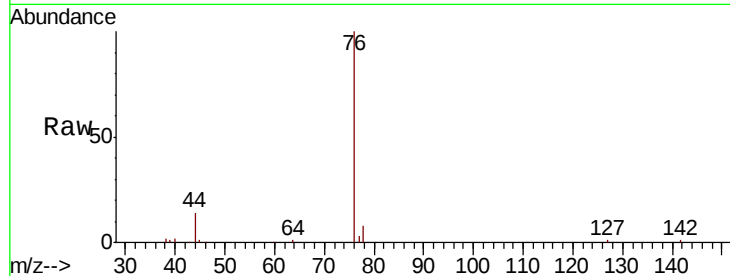




#17
Carbon Disulfide
Concen: 19.335 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

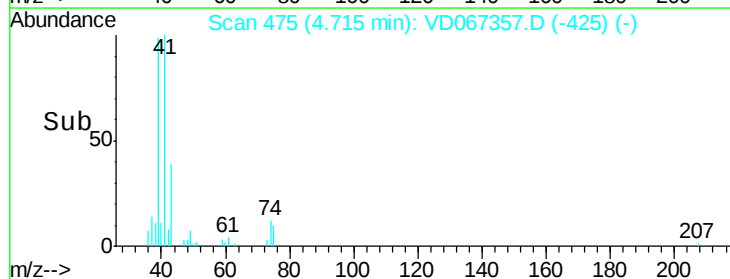
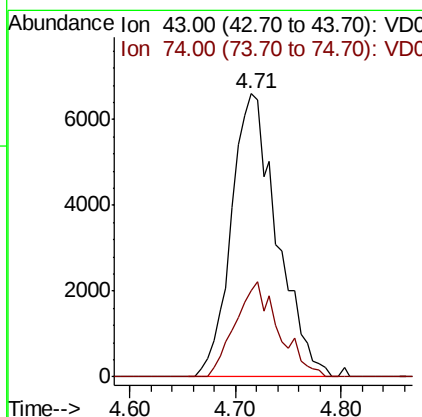
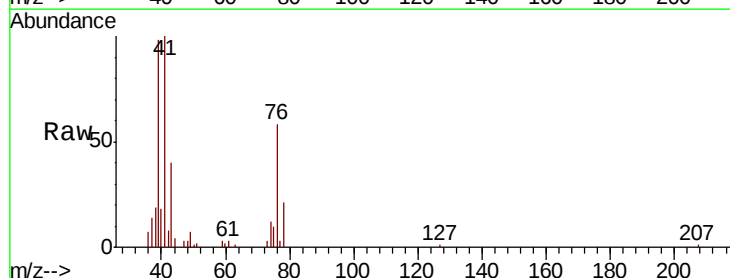
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

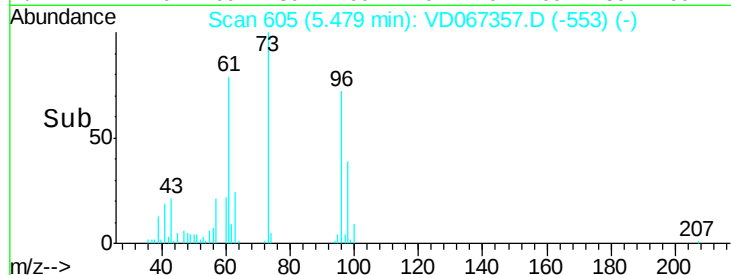
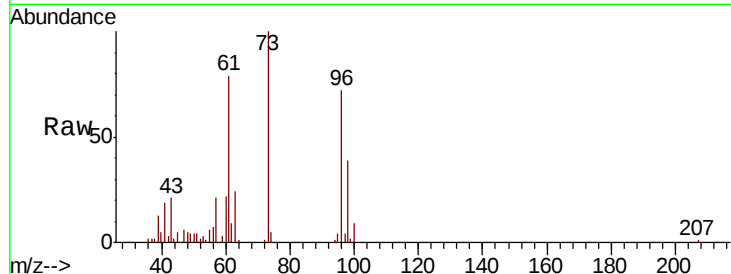
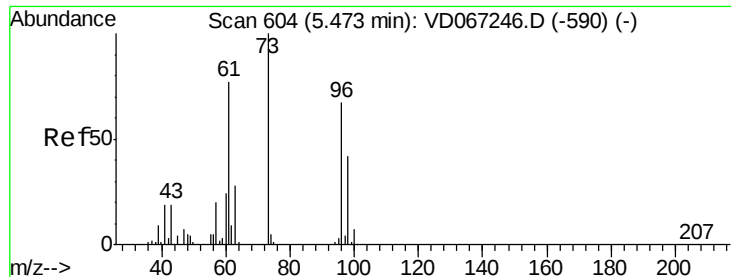
Tot Ion: 76 Resp: 138998
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0



#18
Methyl Acetate
Concen: 20.244 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 43 Resp: 19795
Ion Ratio Lower Upper
43 100
74 32.0 26.6 39.8

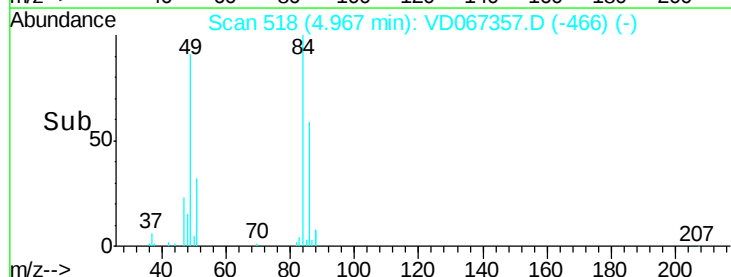
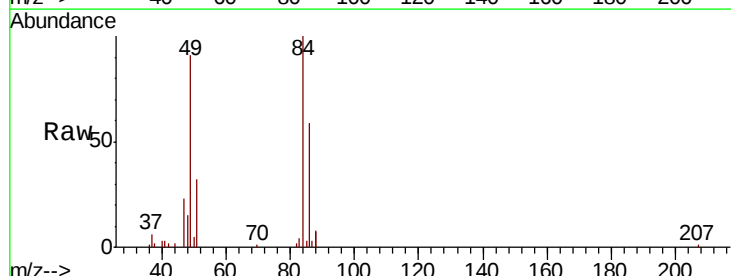
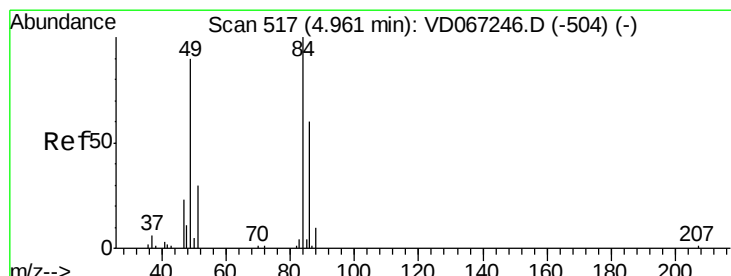
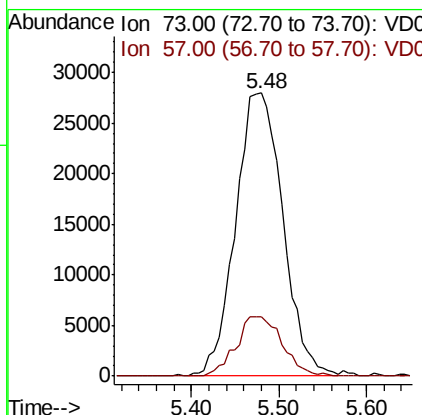




#19
Methvl tert-butvl Ether
Concen: 20.552 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

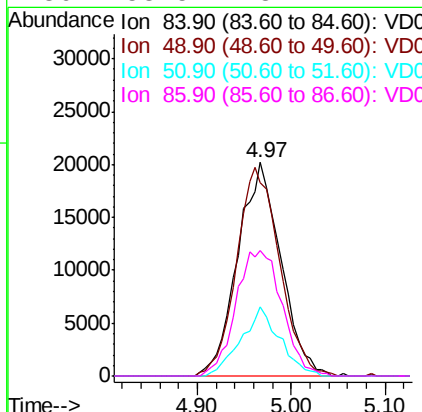
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

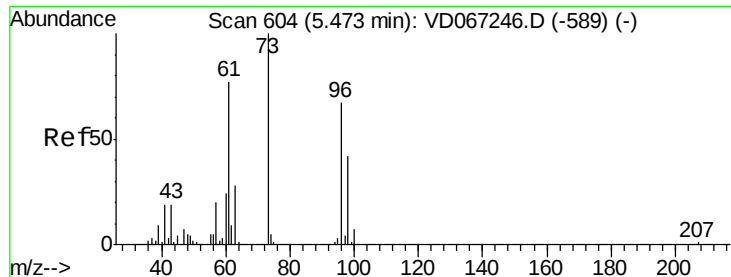
Tot Ion: 73 Resp: 103048
Ion Ratio Lower Upper
73 100
57 20.9 15.7 23.5



#20
Methylene Chloride
Concen: 20.670 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 84 Resp: 63992
Ion Ratio Lower Upper
84 100
49 90.7 72.2 108.2
51 32.2 23.8 35.8
86 58.5 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.849 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBS01

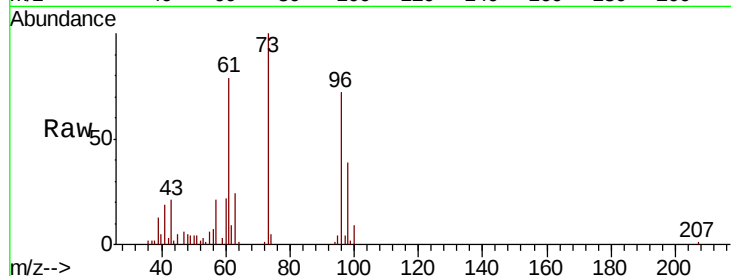
Tot Ion: 96 Resp: 60501

Ion Ratio Lower Upper

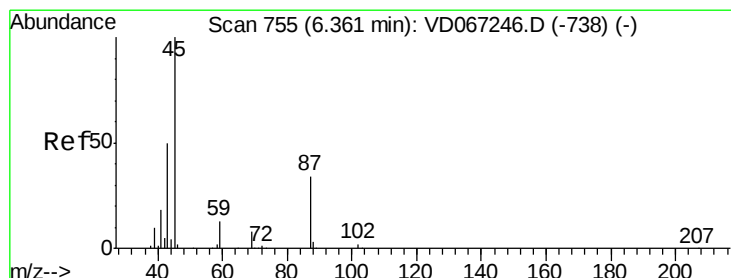
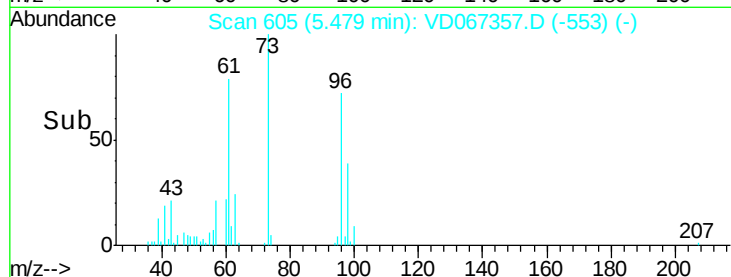
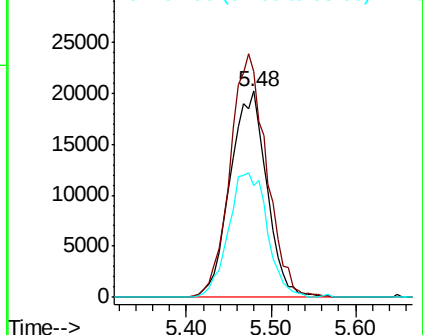
96 100

61 109.8 92.0 138.0

98 54.4 49.8 74.8



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: 21.014 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Tgt Ion: 45 Resp: 110854

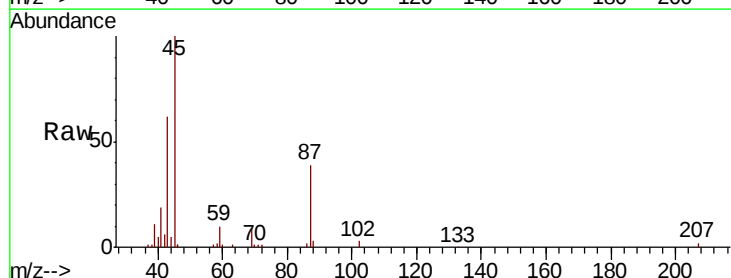
Ion Ratio Lower Upper

45 100

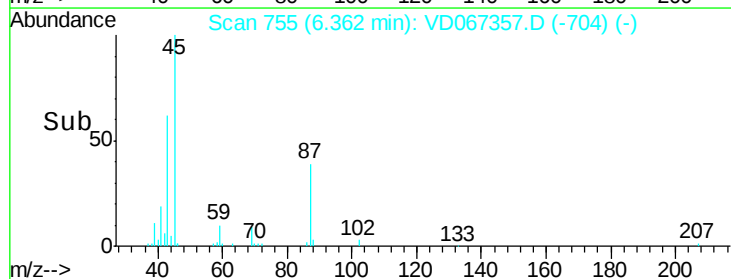
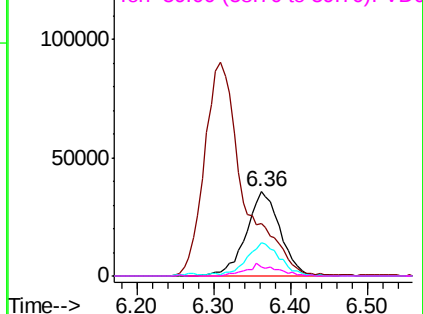
43 60.0 48.0 72.0

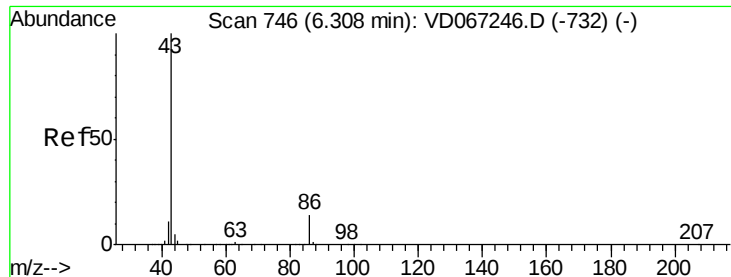
87 39.4 28.5 42.7

59 10.3 10.5 15.7#



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





#23

Vinyl Acetate

Concen: 105.958 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

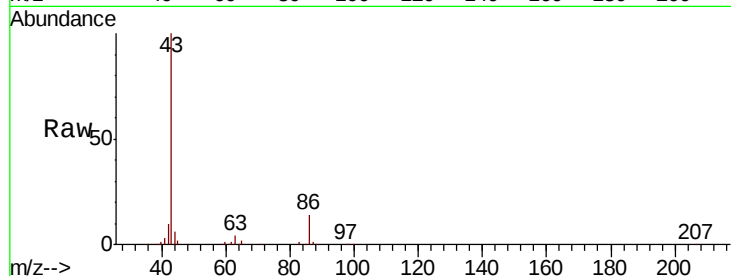
VD1022SBS01

Tot Ion: 43 Resp: 318006

Ion Ratio Lower Upper

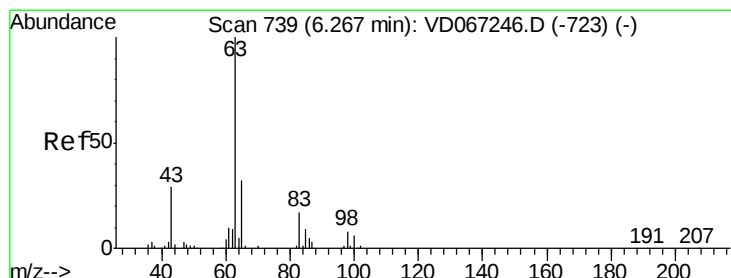
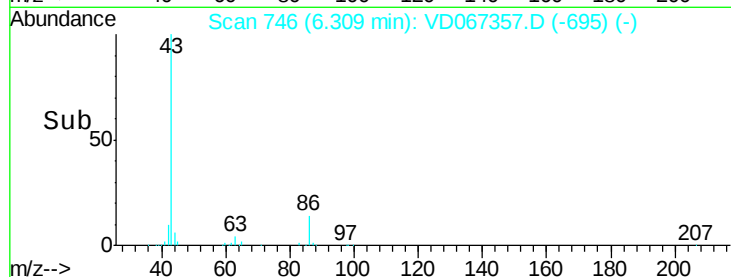
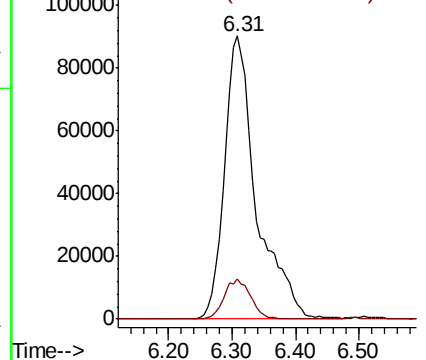
43 100

86 14.3 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.849 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

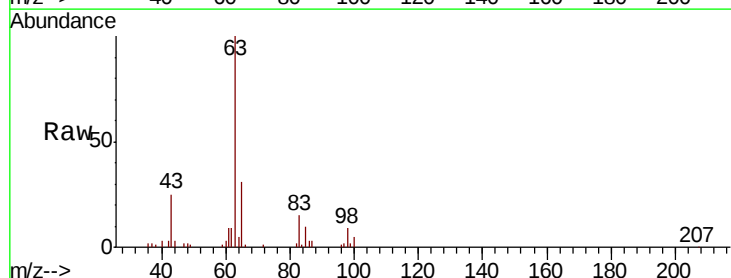
Tgt Ion: 63 Resp: 94148

Ion Ratio Lower Upper

63 100

98 8.5 4.0 12.2

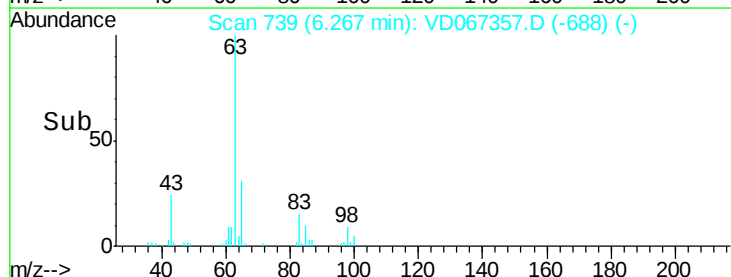
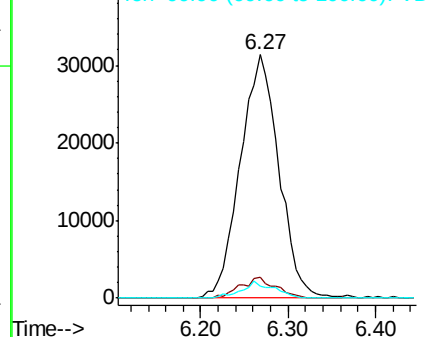
100 4.9 2.8 8.4

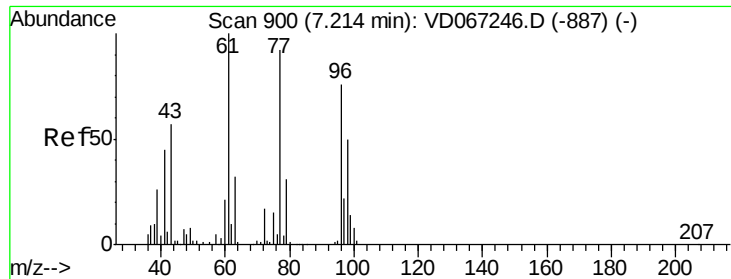


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 99.968 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

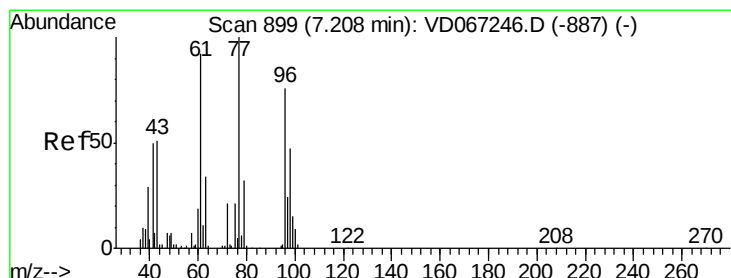
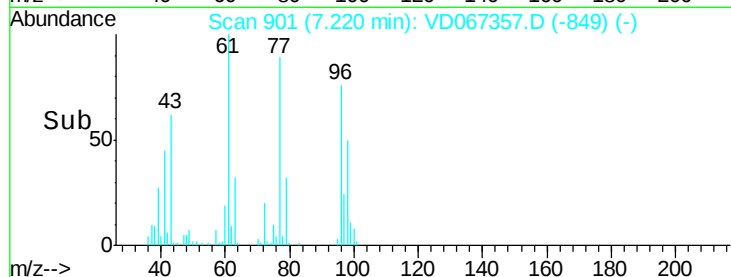
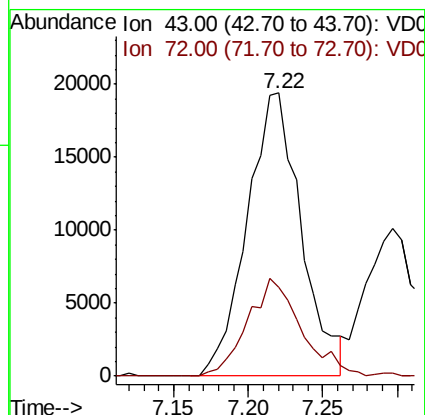
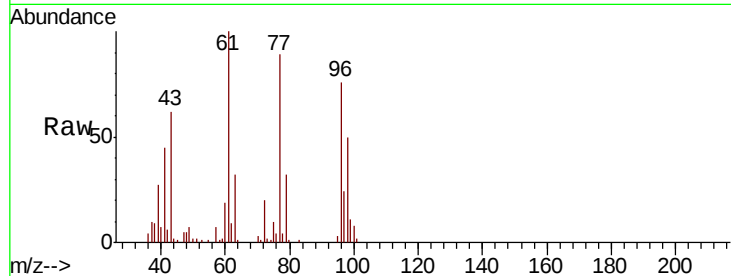
VD1022SBS01

Tot Ion: 43 Resp: 48852

Ion Ratio Lower Upper

43 100

72 31.4 23.7 35.5



#26

2,2-Dichloropropane

Concen: 20.179 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067357.D

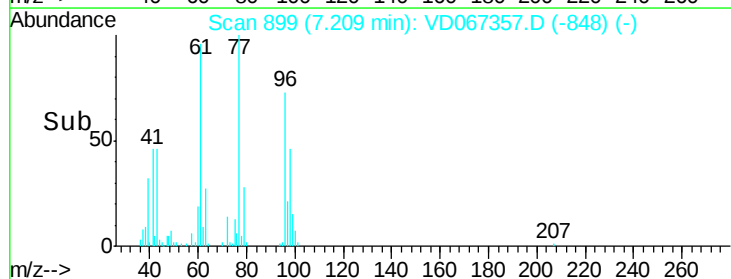
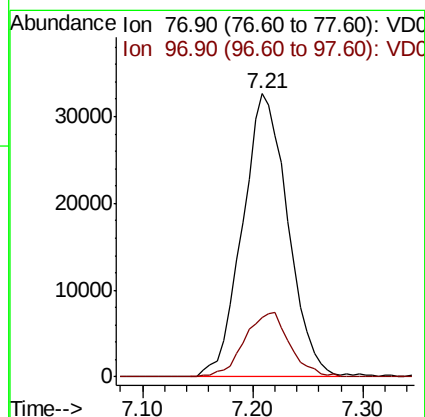
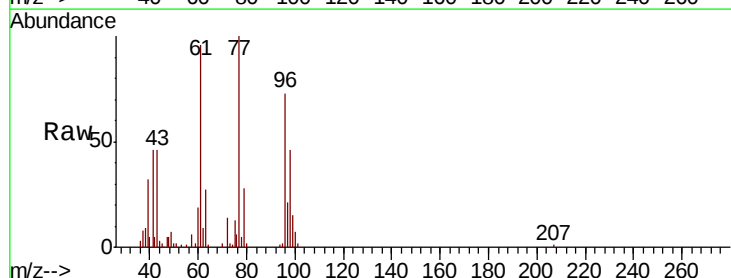
Acq: 22 Oct 2020 12:54

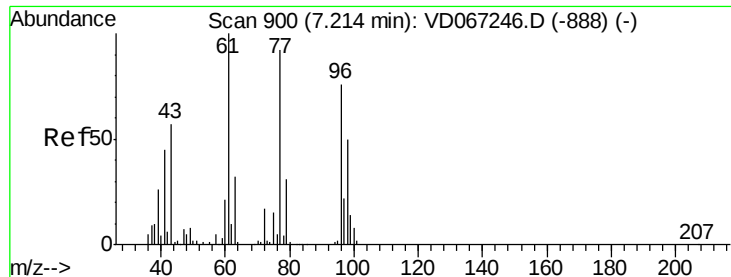
Tgt Ion: 77 Resp: 93925

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.056 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBSD01

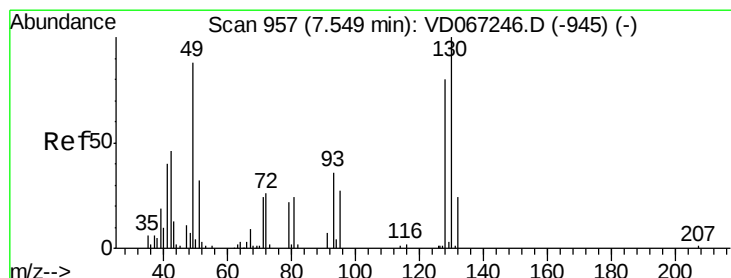
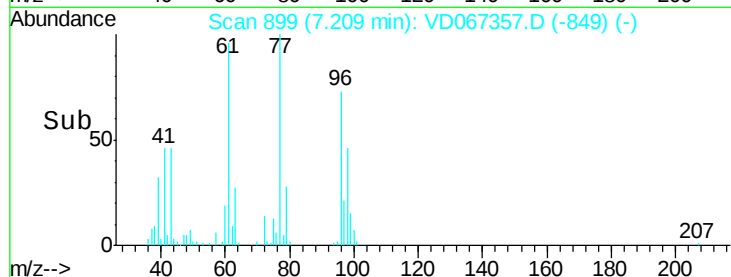
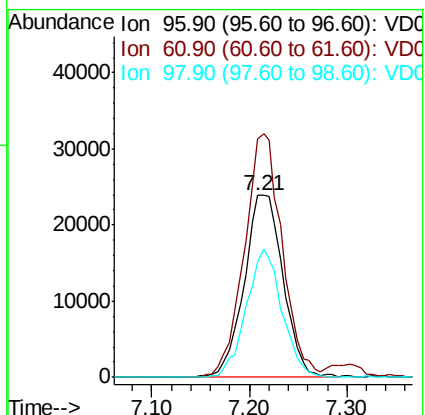
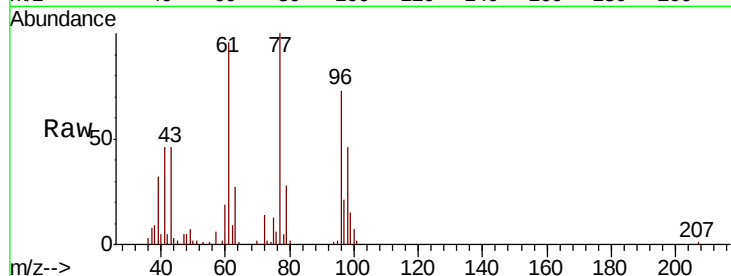
Tot Ion: 96 Resp: 66966

Ion Ratio Lower Upper

96 100

61 129.6 0.0 255.4

98 64.3 0.0 128.0



#28

Bromochloromethane

Concen: 19.724 ug/l

RT: 7.54 min Scan# 956

Delta R.T. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

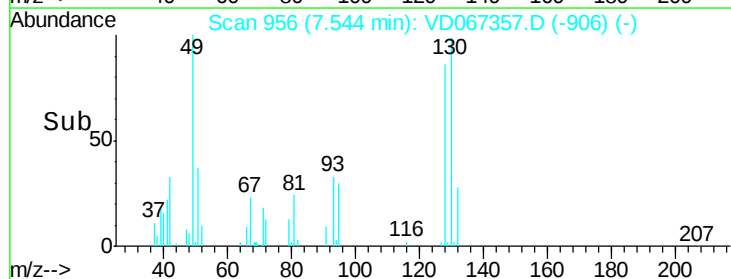
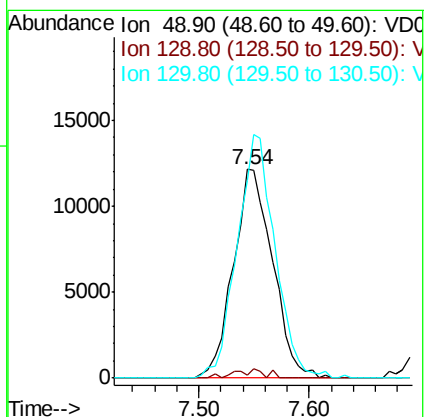
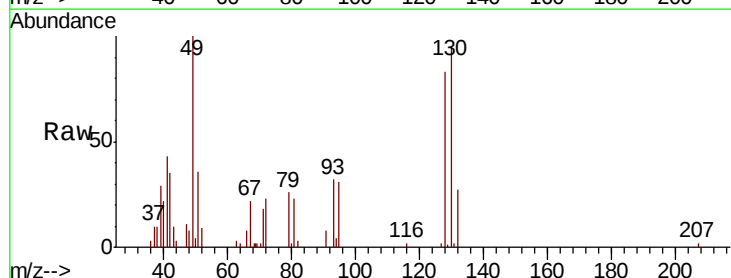
Tgt Ion: 49 Resp: 30380

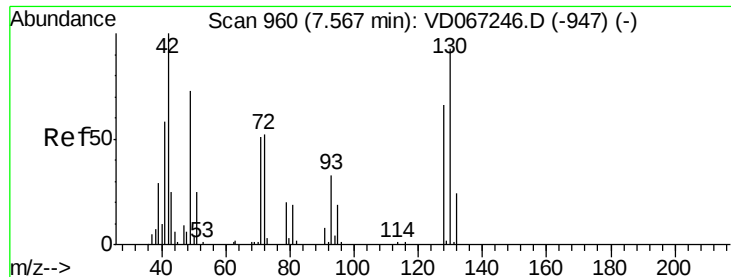
Ion Ratio Lower Upper

49 100

129 1.6 0.0 1.6

130 112.5 91.0 136.6

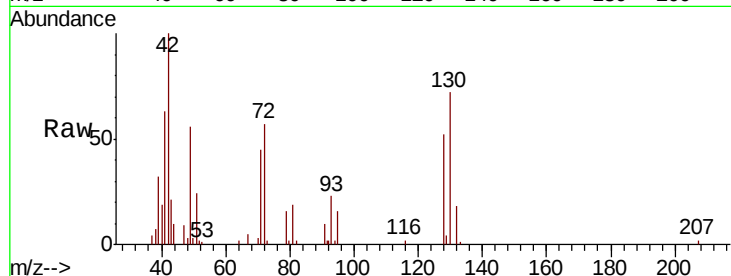




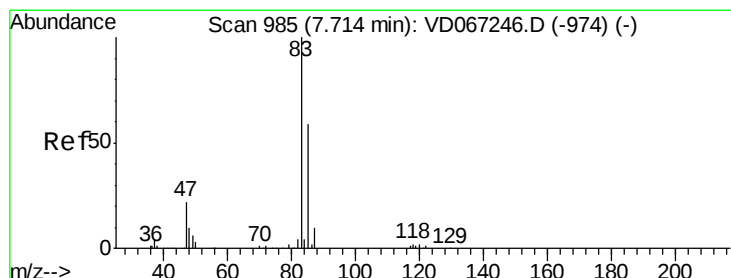
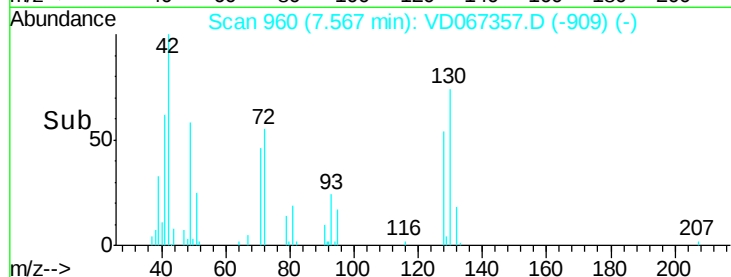
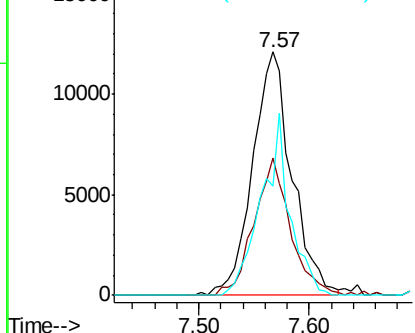
#29
Tetrahydrofuran
Concen: 110.828 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

Tot Ion: 42 Resp: 30106
Ion Ratio Lower Upper
42 100
72 52.4 43.2 64.8
71 54.5 39.4 59.0

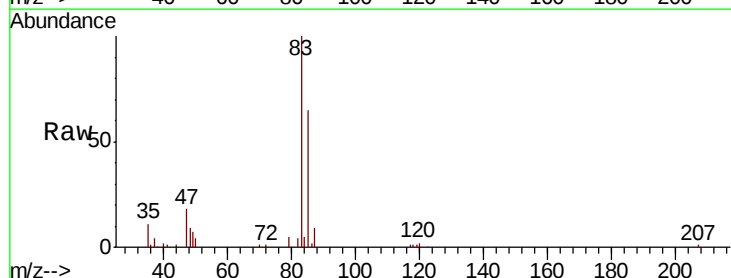


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

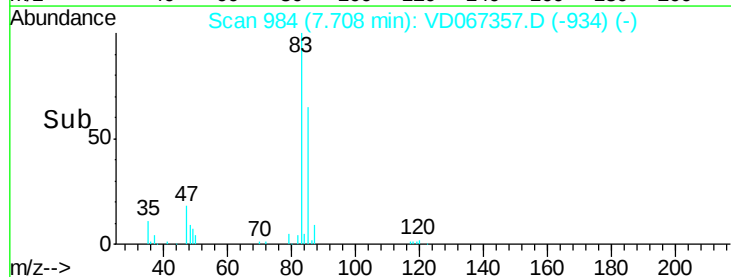
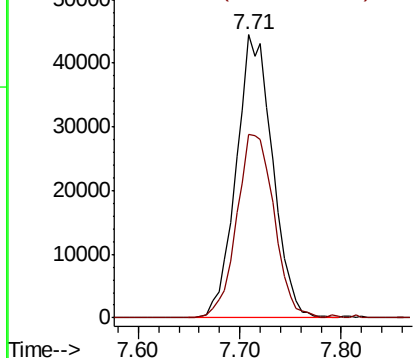


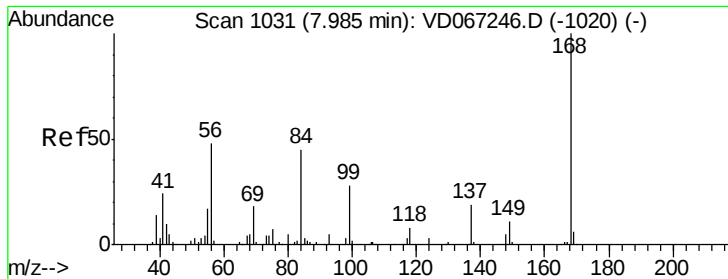
#30
Chloroform
Concen: 20.479 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 83 Resp: 110474
Ion Ratio Lower Upper
83 100
85 65.0 47.3 70.9



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

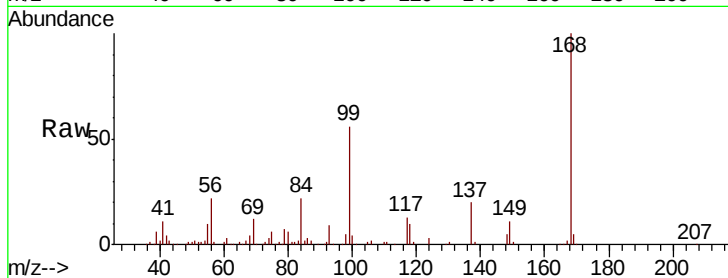




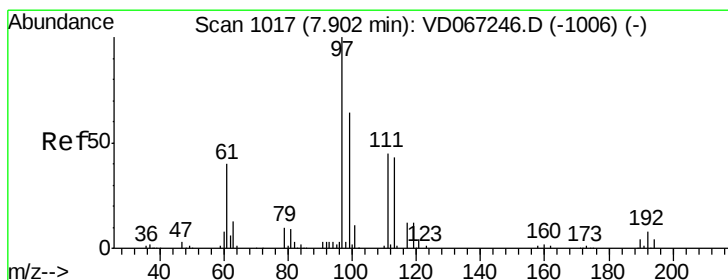
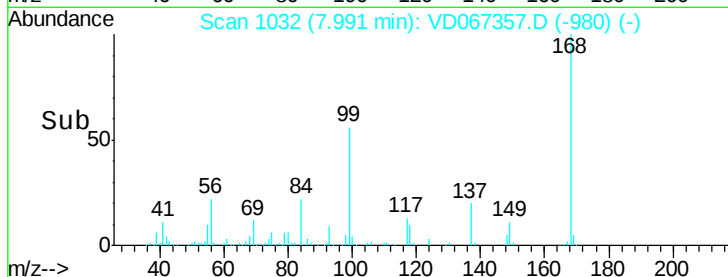
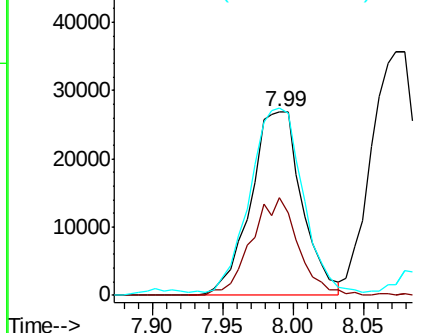
#31
Cyclohexane
Concen: 19.492 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

Tot Ion: 56 Resp: 68722
Ion Ratio Lower Upper
56 100
69 53.1 29.8 44.6#
84 100.3 76.6 114.8

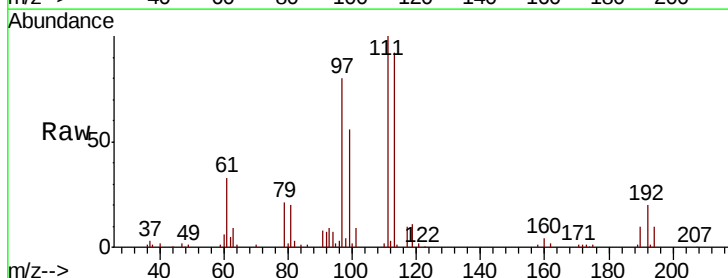


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

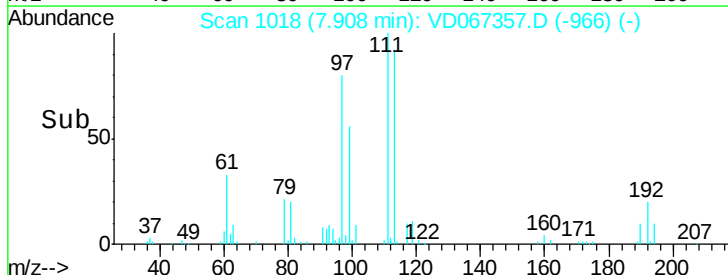
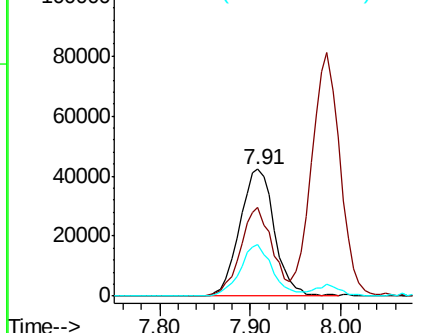


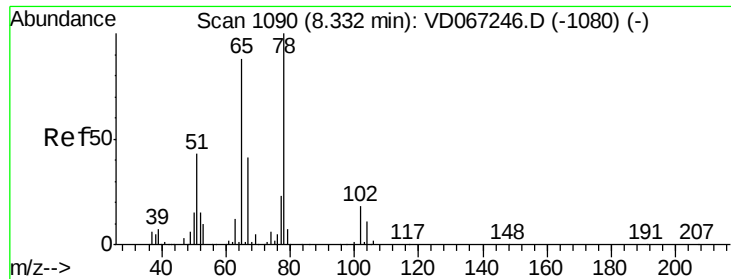
#32
1,1,1-Trichloroethane
Concen: 21.219 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 97 Resp: 112308
Ion Ratio Lower Upper
97 100
99 64.5 50.2 75.4
61 37.8 30.5 45.7



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

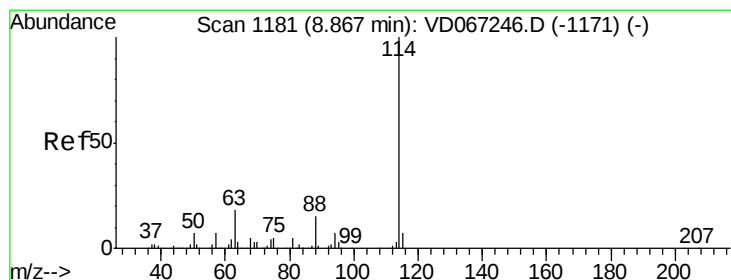
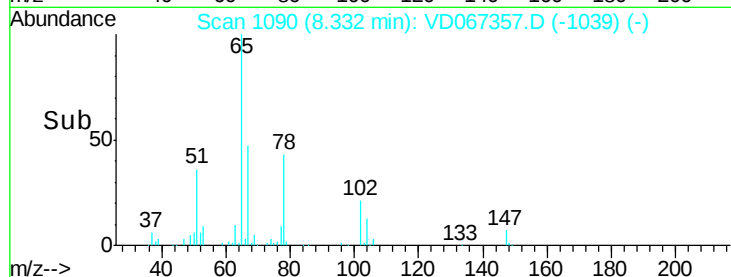
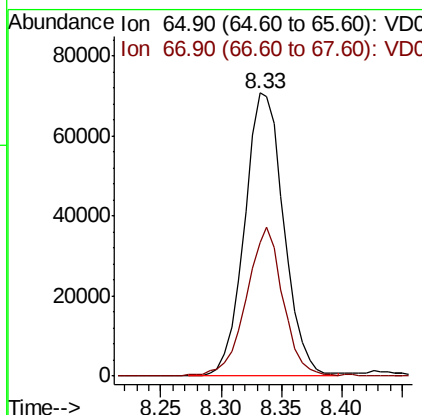
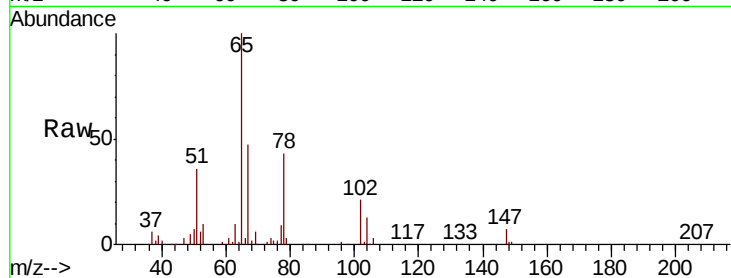




#33
 1,2-Dichloroethane-d4
 Concen: 52.454 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

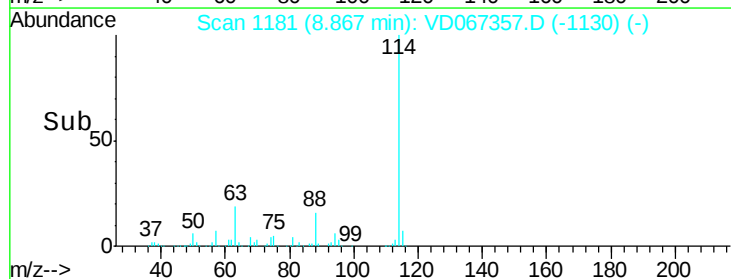
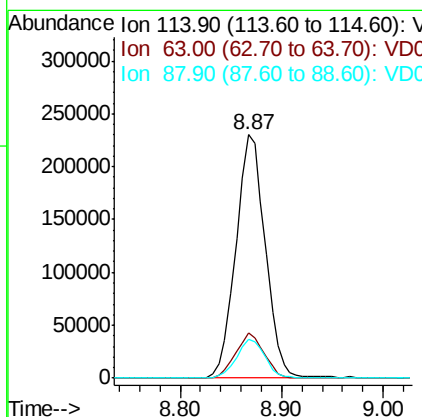
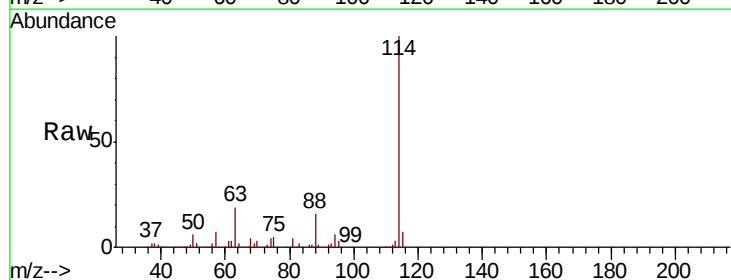
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBSD01

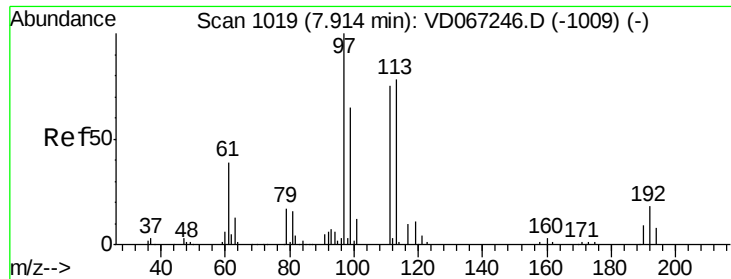
Tot Ion: 65 Resp: 160564
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion: 114 Resp: 463564
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 35.0
 88 16.2 0.0 30.6

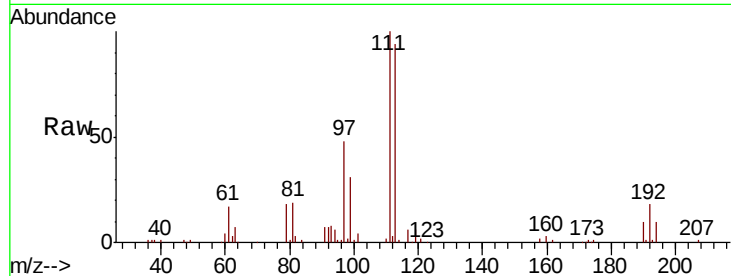




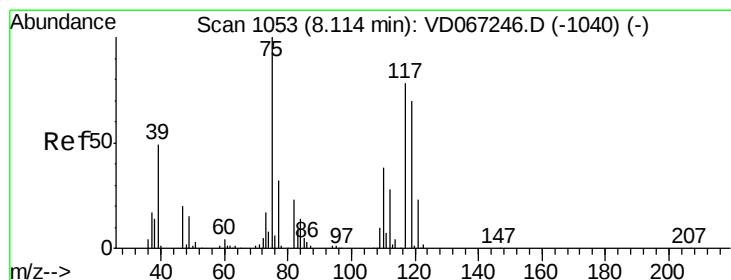
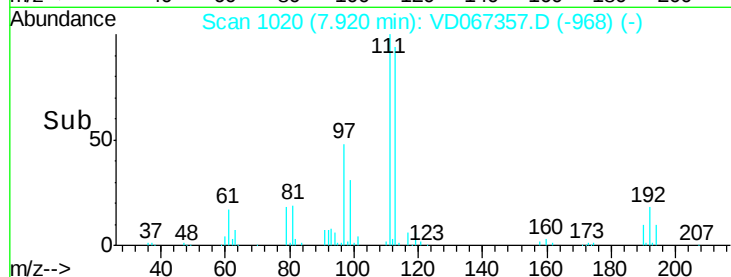
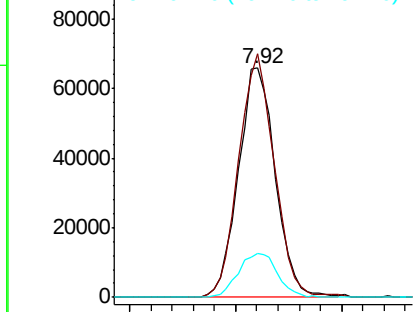
#35
Dibromofluoromethane
Concen: 51.991 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

Tot Ion:113 Resp: 160392
Ion Ratio Lower Upper
113 100
111 101.8 81.6 122.4
192 20.4 17.0 25.4

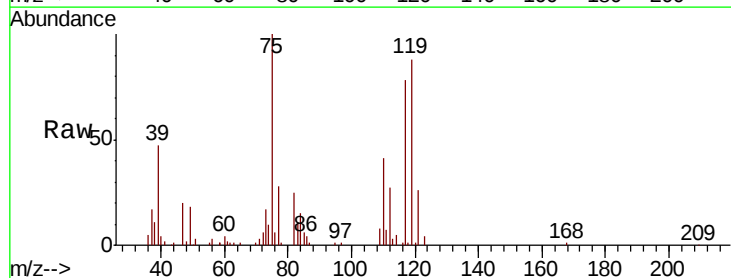


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

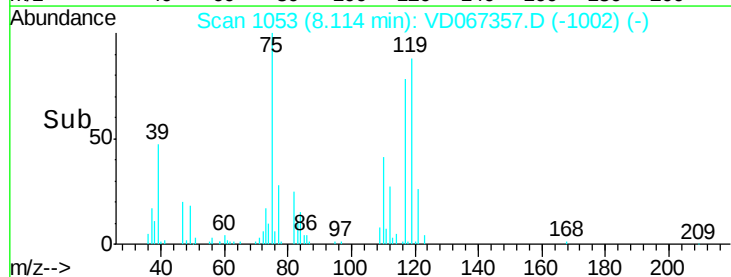
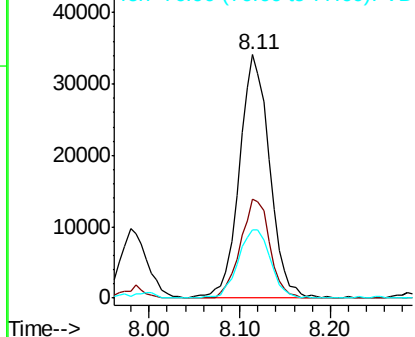


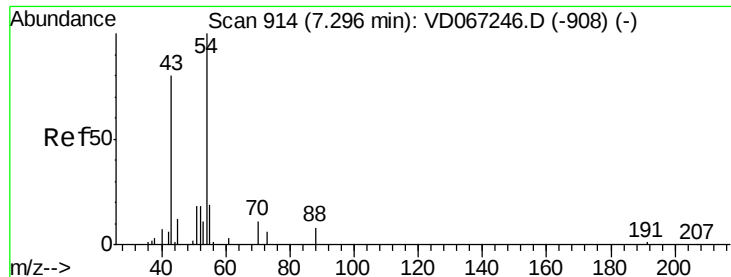
#36
1,1-Dichloropropene
Concen: 20.125 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 75 Resp: 79072
Ion Ratio Lower Upper
75 100
110 39.2 19.6 58.7
77 30.0 24.6 37.0



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





#37

Ethyl Acetate

Concen: 21.687 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBS01

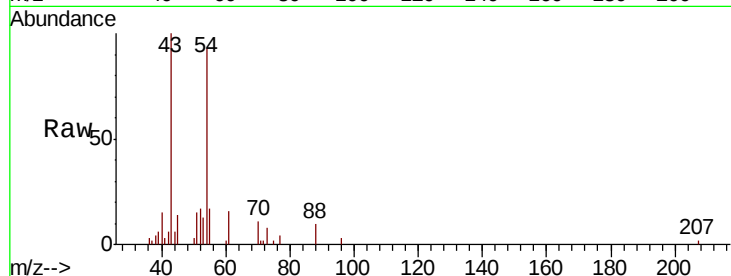
Tot Ion: 43 Resp: 25070

Ion Ratio Lower Upper

43 100

61 14.0 15.6 23.4#

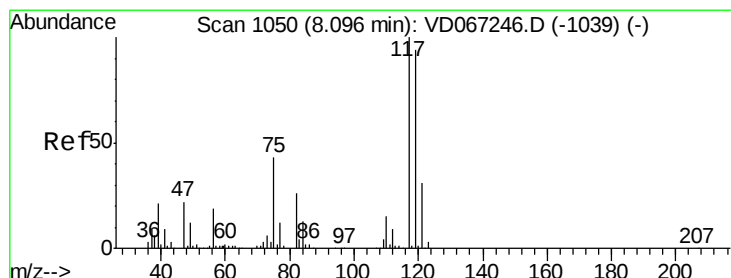
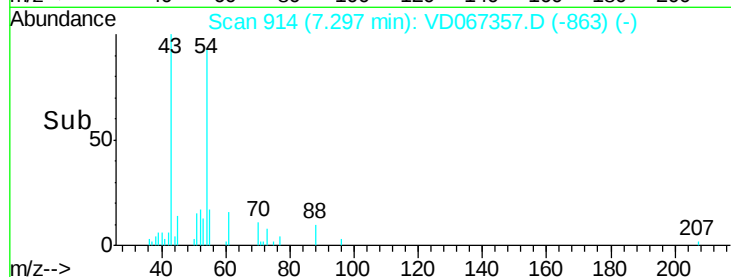
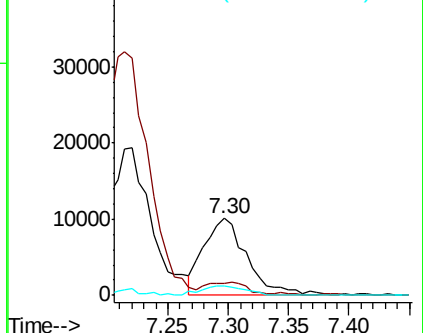
70 12.4 10.4 15.6



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: 21.216 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

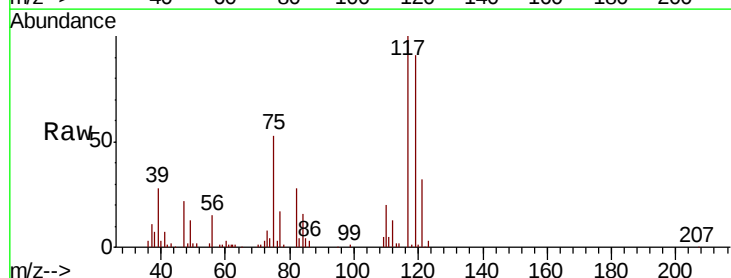
Tgt Ion: 117 Resp: 106537

Ion Ratio Lower Upper

117 100

119 91.3 75.0 112.4

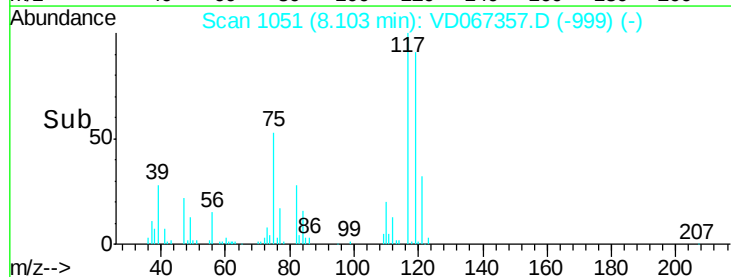
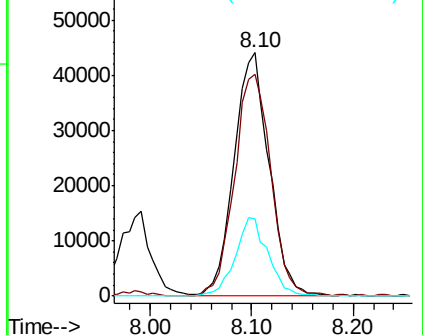
121 31.6 24.9 37.3

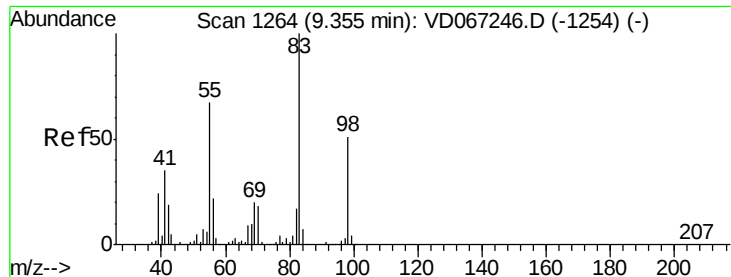


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

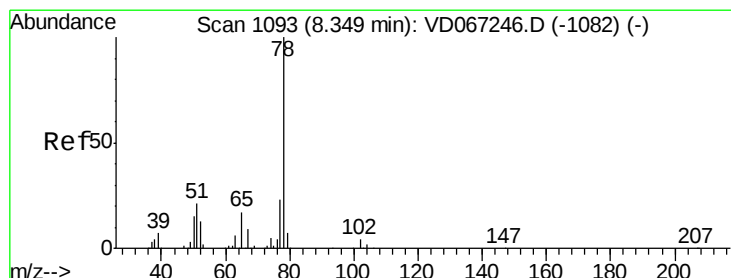
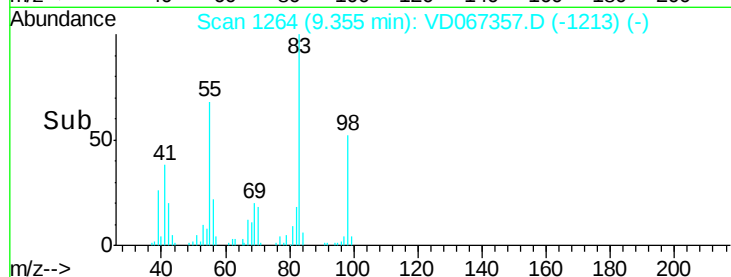
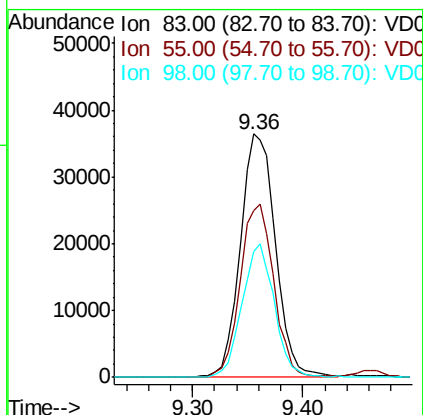
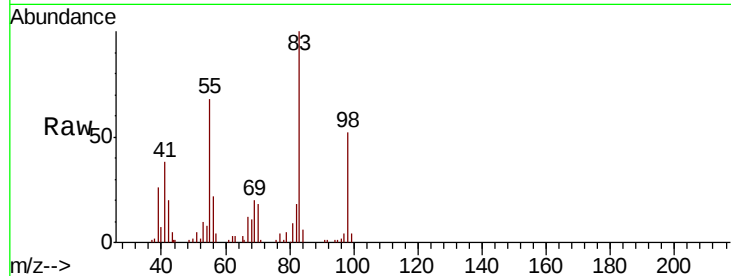




#39
Methvlcvclohexane
Concen: 19.856 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

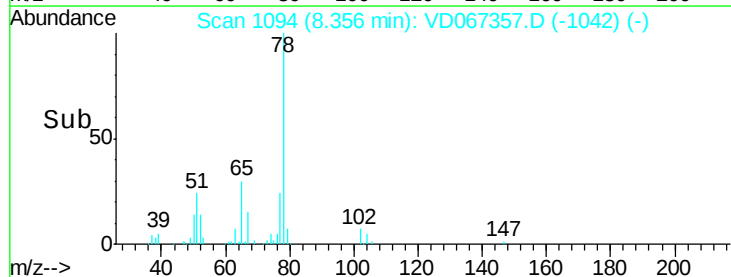
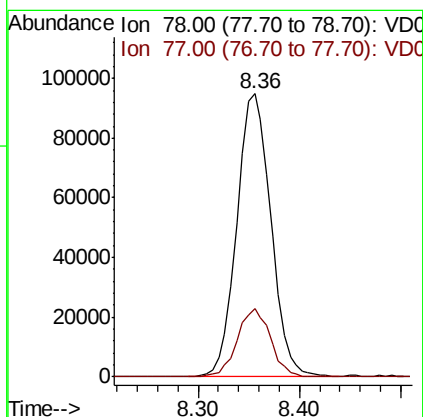
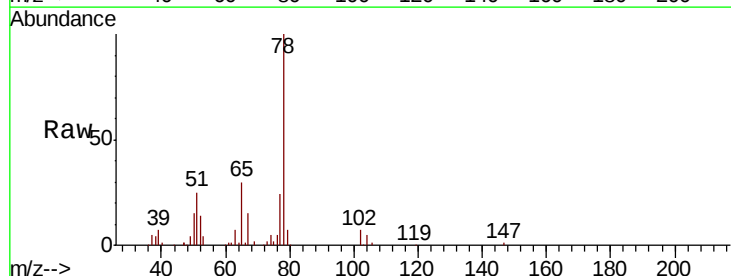
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

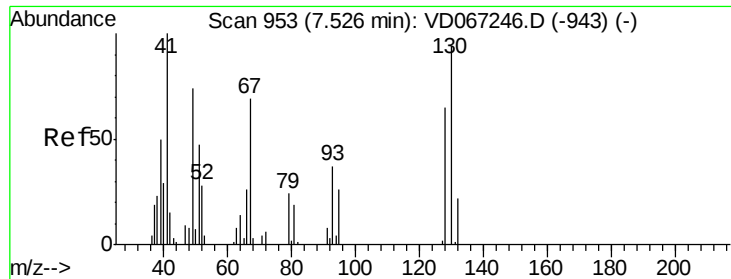
Tot Ion: 83 Resp: 81558
Ion Ratio Lower Upper
83 100
55 68.3 53.3 79.9
98 51.9 41.0 61.4



#40
Benzene
Concen: 20.553 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 78 Resp: 221532
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5

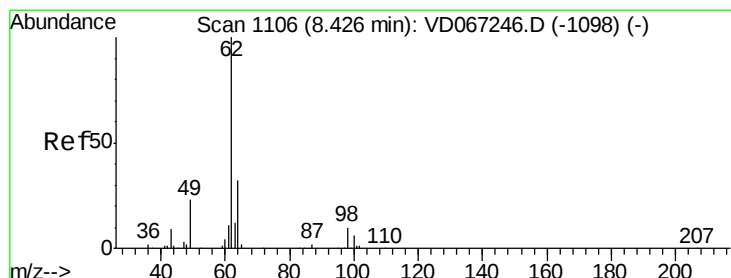
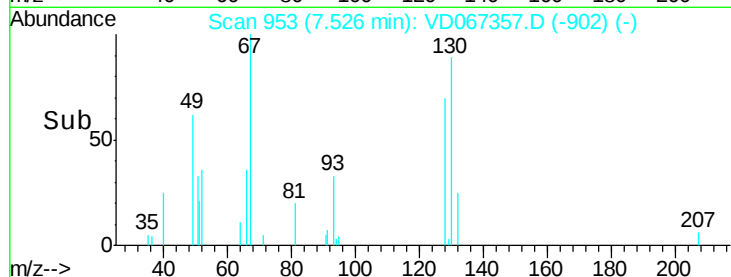
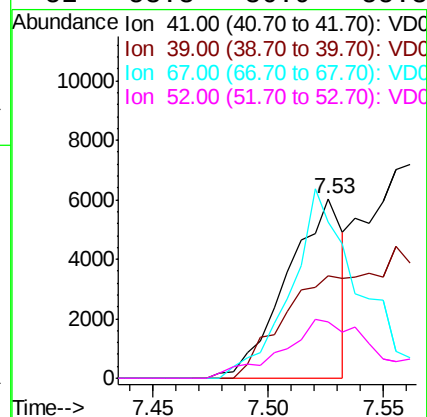
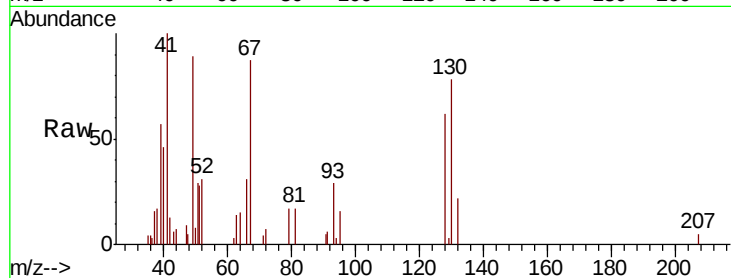




#41
Methacrylonitrile
Concen: 16.322 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

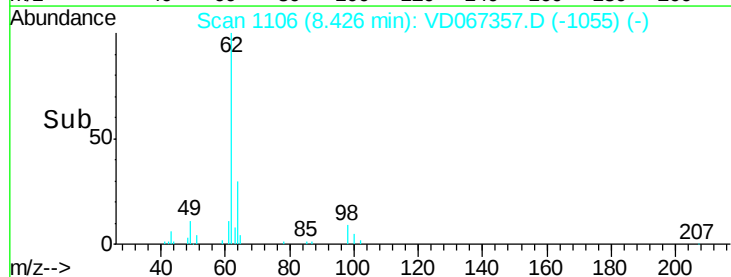
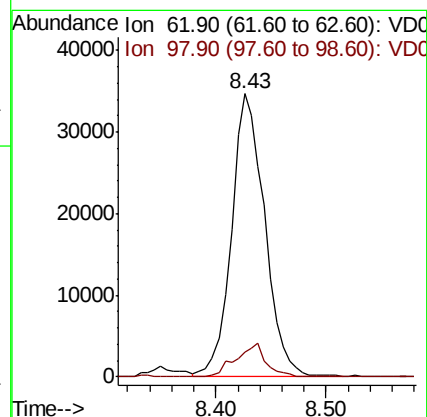
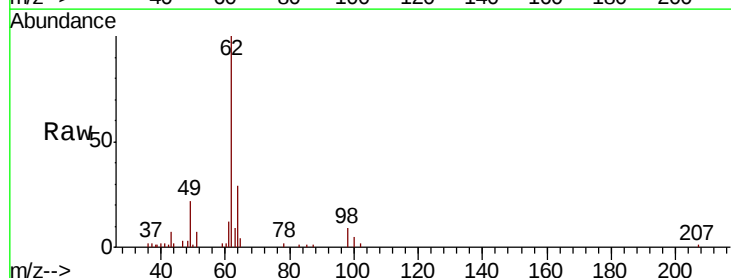
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

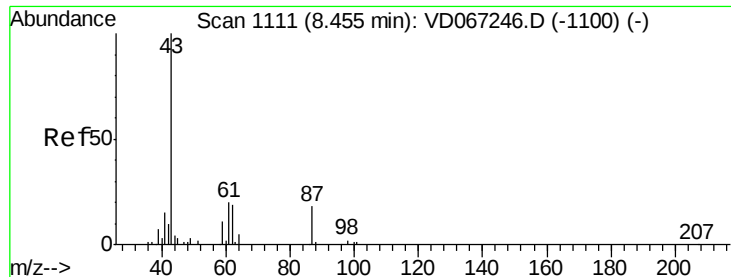
Tot Ion: 41 Resp: 10196
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
67 127.1 88.9 133.3
52 53.3 36.9 55.3



#42
1,2-Dichloroethane
Concen: 21.694 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 62 Resp: 73178
Ion Ratio Lower Upper
62 100
98 10.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 21.261 ug/l

RT: 8.46 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBS01

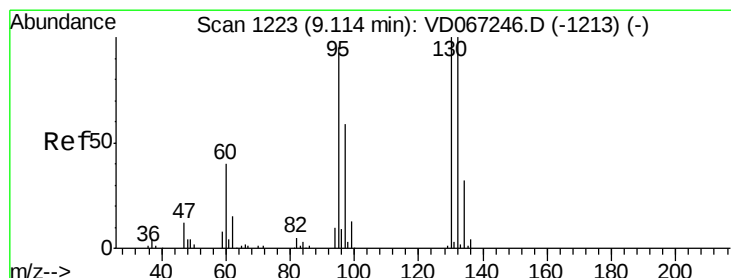
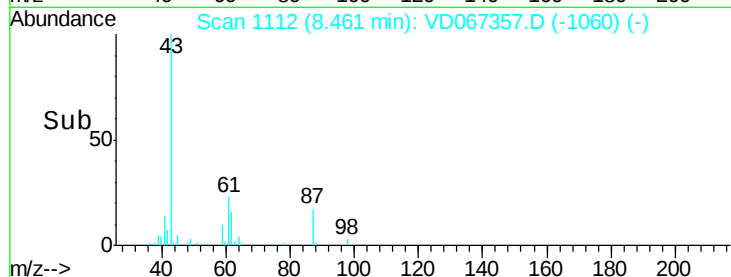
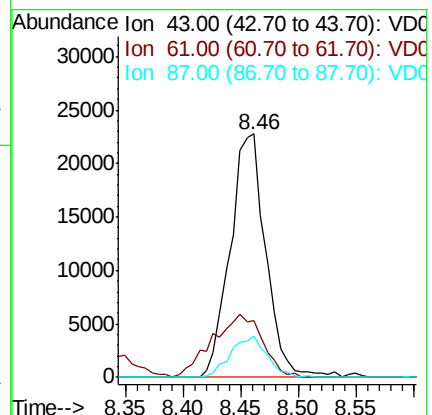
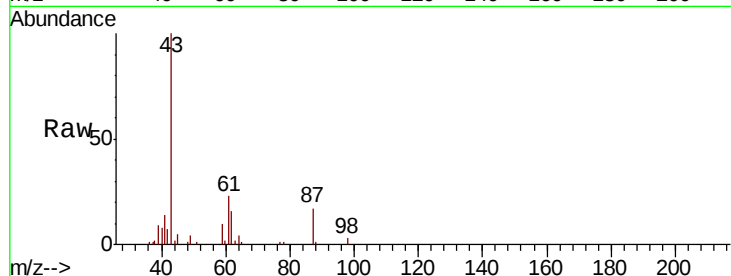
Tot Ion: 43 Resp: 48767

Ion Ratio Lower Upper

43 100

61 36.5 29.5 44.3

87 17.4 14.2 21.4



#44

Trichloroethene

Concen: 20.741 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067357.D

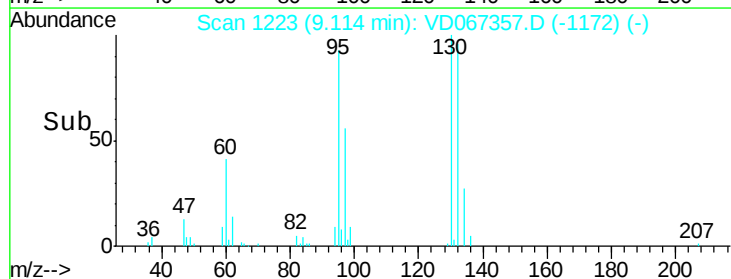
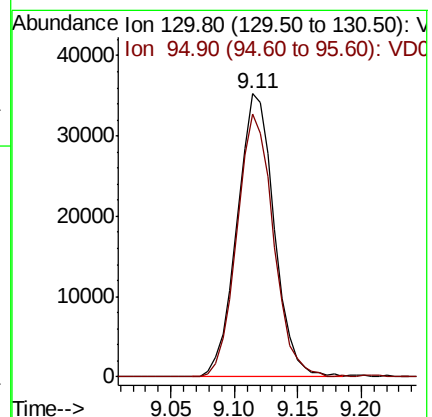
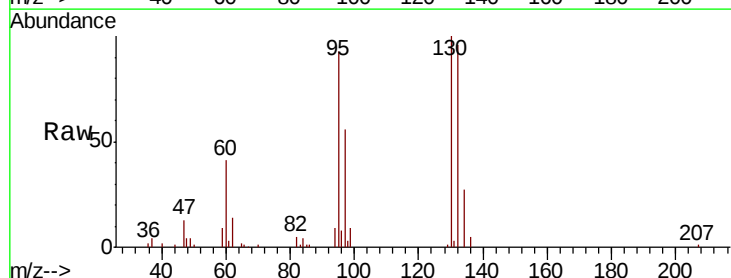
Acq: 22 Oct 2020 12:54

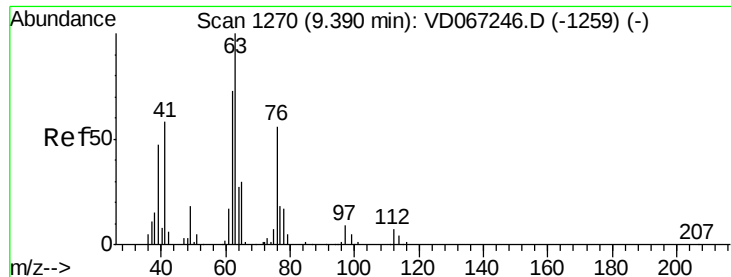
Tgt Ion: 130 Resp: 71578

Ion Ratio Lower Upper

130 100

95 92.8 0.0 190.6

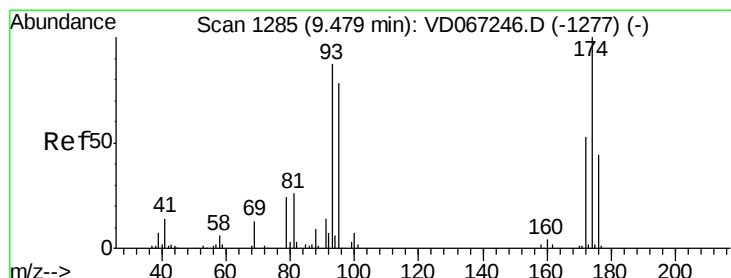
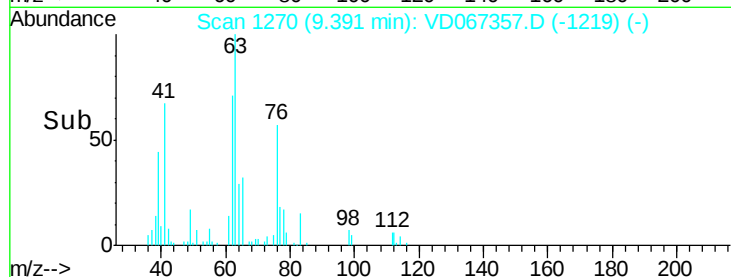
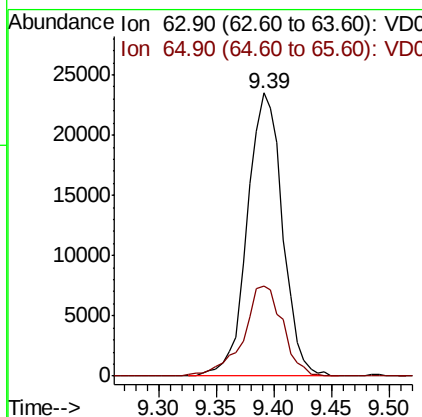
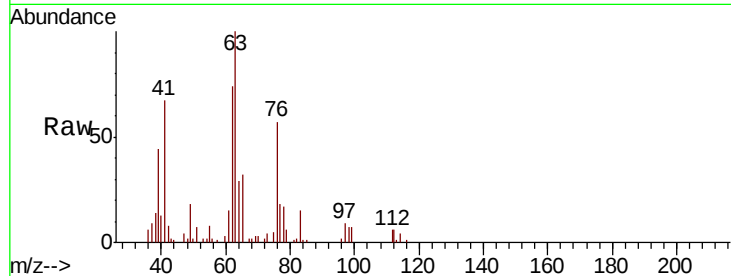




#45
 1,2-Dichloropropane
 Concen: 20.024 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

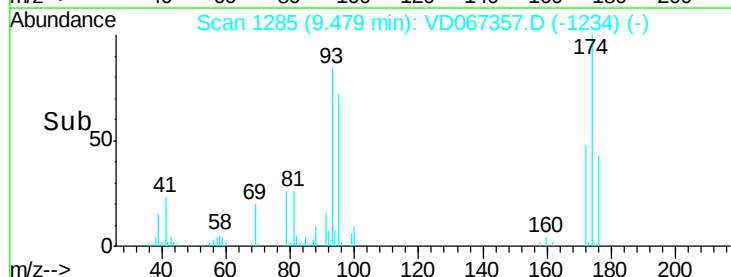
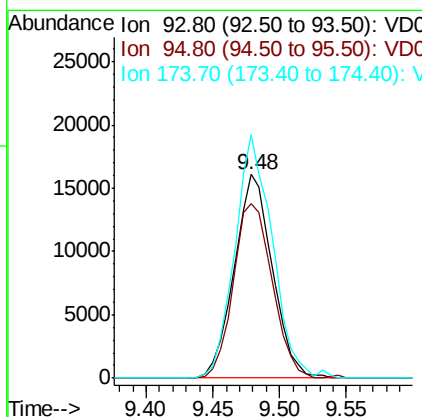
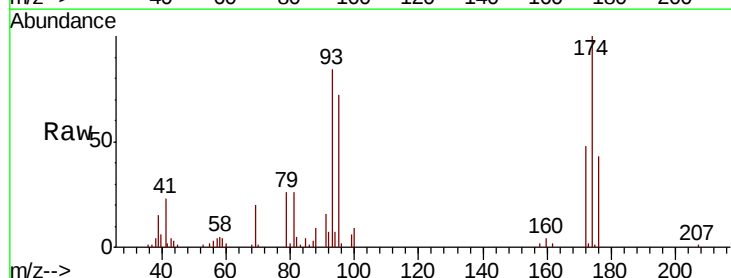
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBSD01

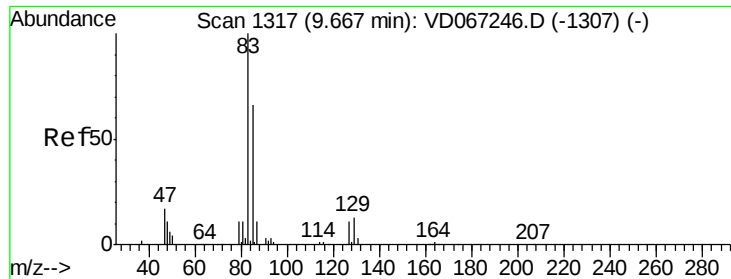
Tot Ion: 63 Resp: 50021
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 36.8



#46
 Dibromomethane
 Concen: 20.439 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion: 93 Resp: 31812
 Ion Ratio Lower Upper
 93 100
 95 87.4 68.0 102.0
 174 118.0 91.8 137.6

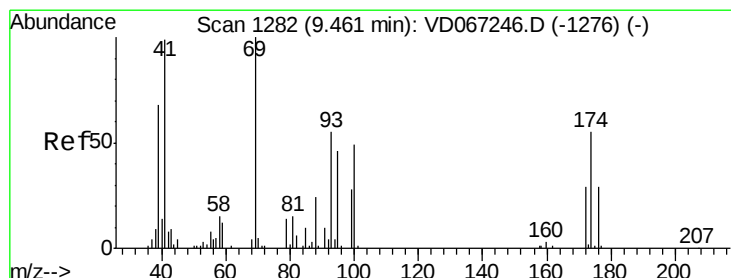
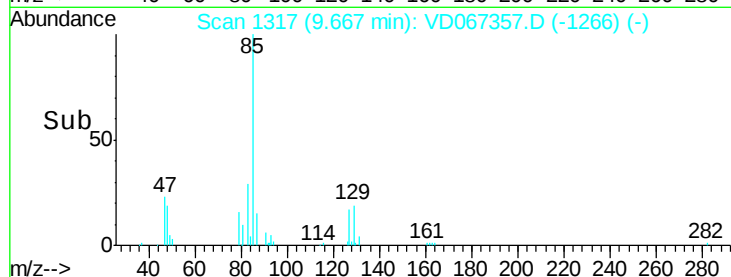
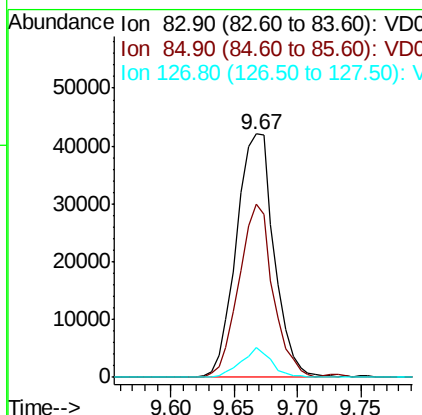
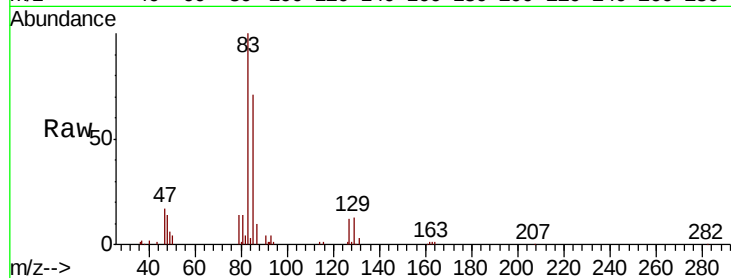




#47
Bromodichloromethane
Concen: 20.905 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

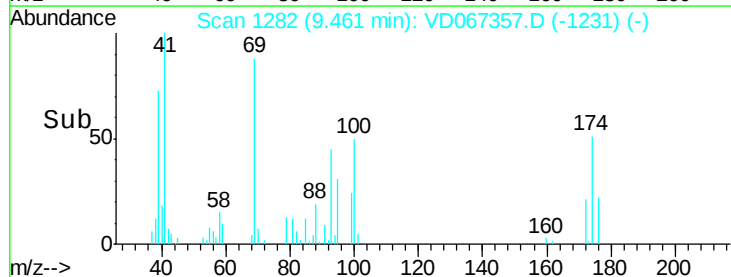
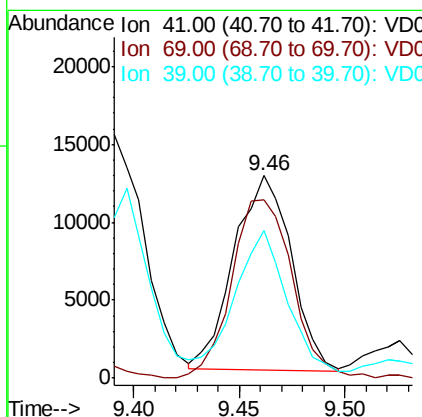
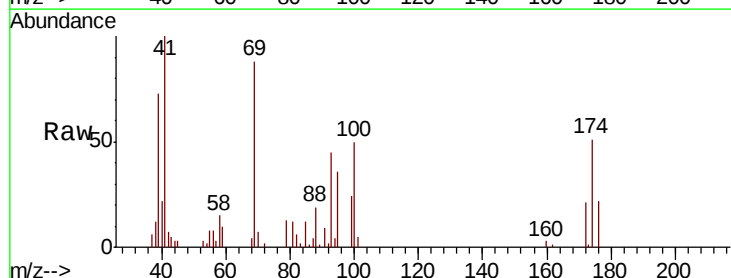
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

Tot Ion: 83 Resp: 87173
Ion Ratio Lower Upper
83 100
85 71.3 53.1 79.7
127 12.4 8.6 13.0



#48
Methyl methacrylate
Concen: 21.009 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 41 Resp: 23419
Ion Ratio Lower Upper
41 100
69 97.6 89.0 133.6
39 65.5 60.2 90.2





#49

1,4-Dioxane

Concen: 414.429 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBS01

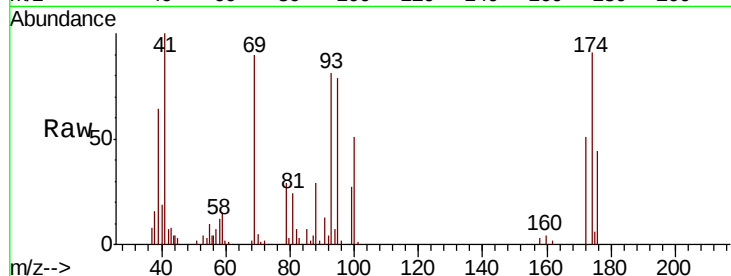
Tot Ion: 88 Resp: 6510

Ion Ratio Lower Upper

88 100

43 28.9 23.9 35.9

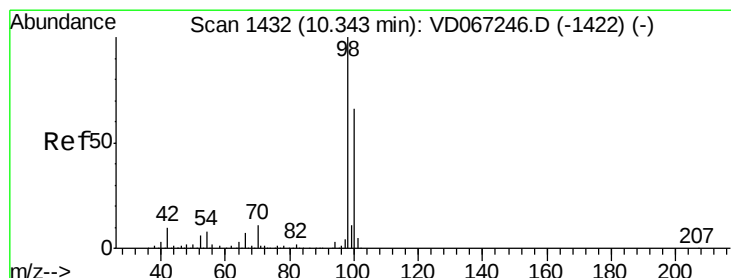
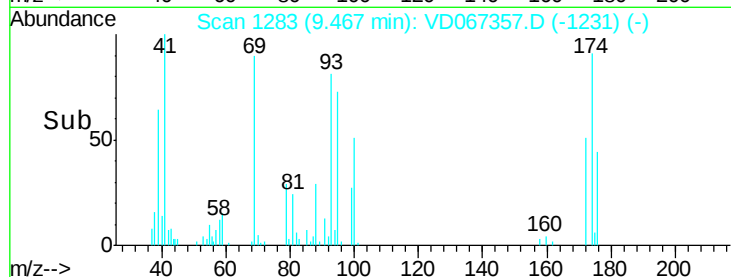
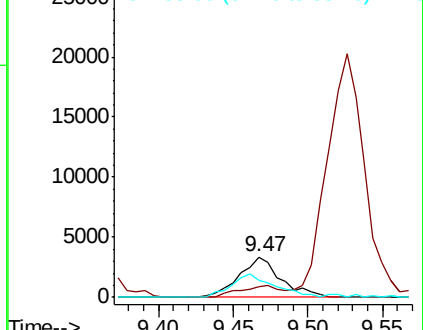
58 59.3 51.0 76.6



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: 51.870 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067357.D

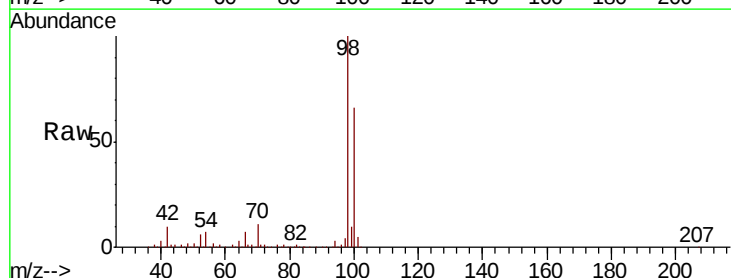
Acq: 22 Oct 2020 12:54

Tgt Ion: 98 Resp: 579100

Ion Ratio Lower Upper

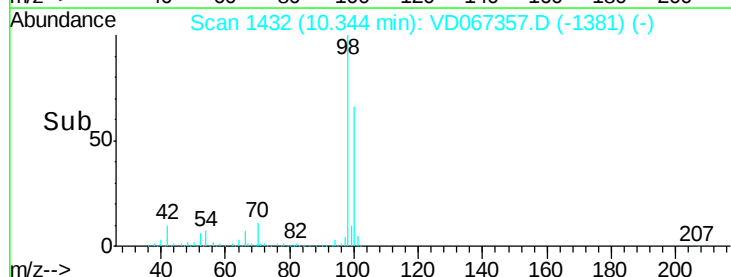
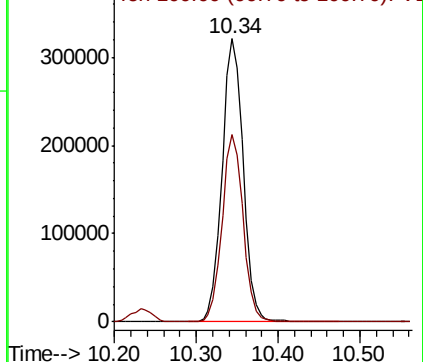
98 100

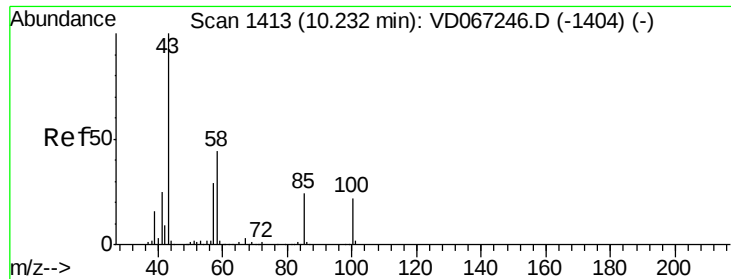
100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

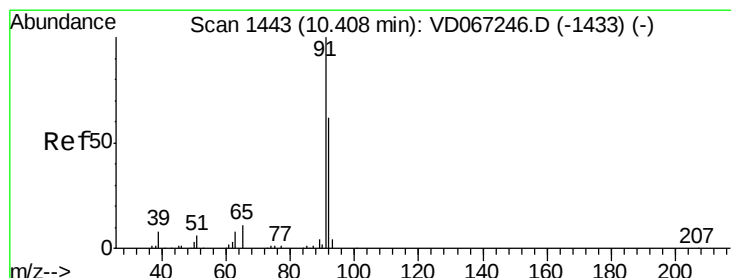
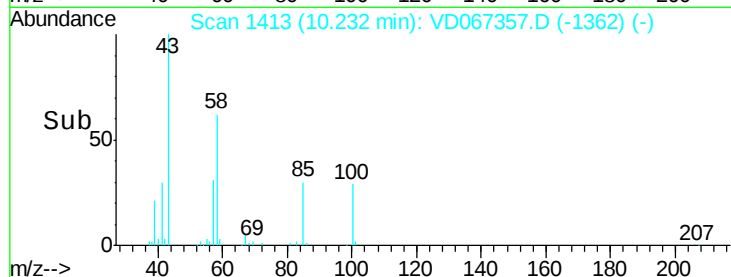
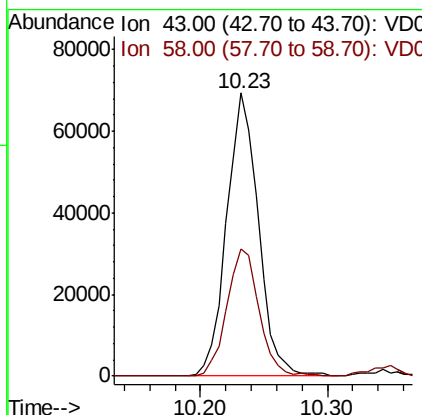
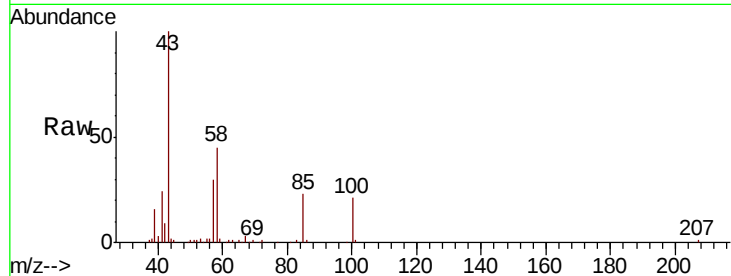




#51
 4-Methyl-2-Pentanone
 Concen: 104.790 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

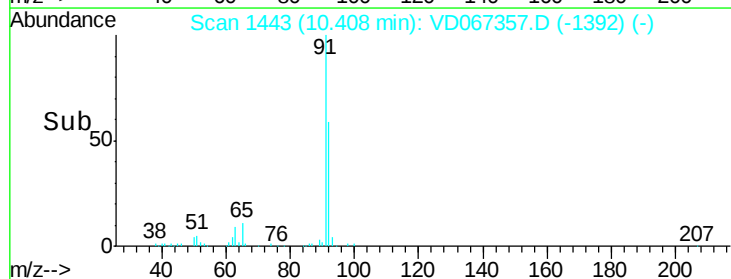
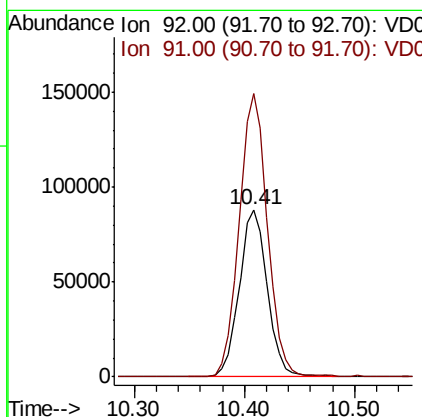
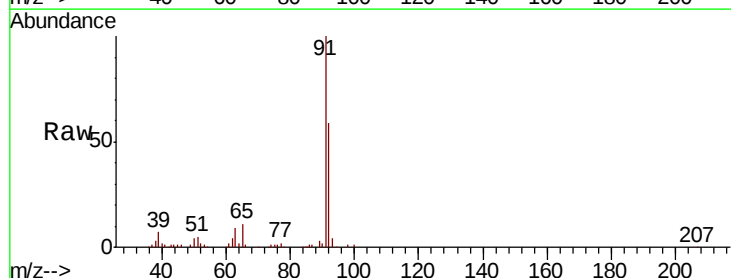
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

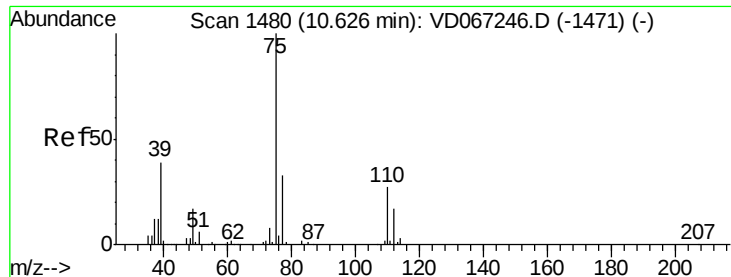
Tot Ion: 43 Resp: 119887
 Ion Ratio Lower Upper
 43 100
 58 45.6 35.7 53.5



#52
 Toluene
 Concen: 21.419 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion: 92 Resp: 157245
 Ion Ratio Lower Upper
 92 100
 91 170.6 133.8 200.8

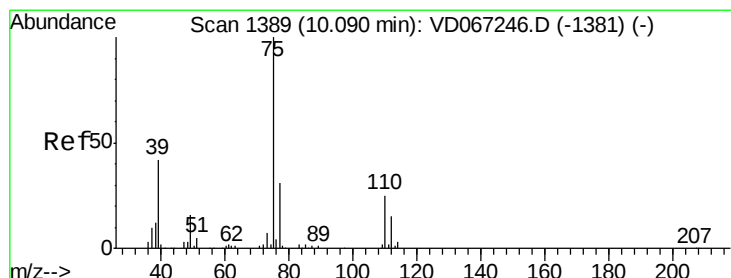
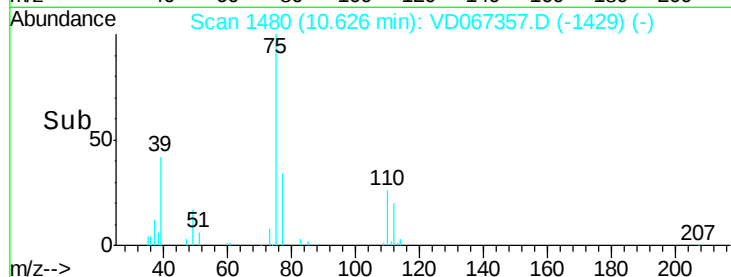
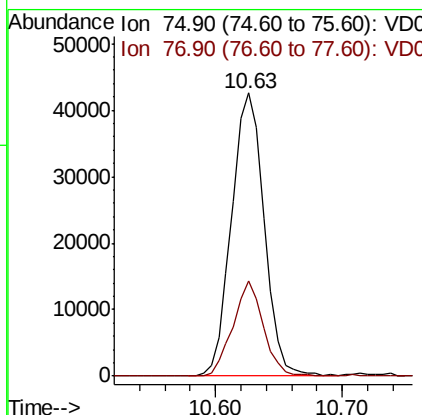
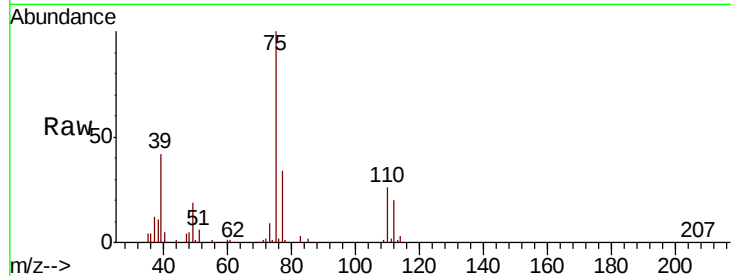




#53
t-1,3-Dichloropropene
Concen: 20.734 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

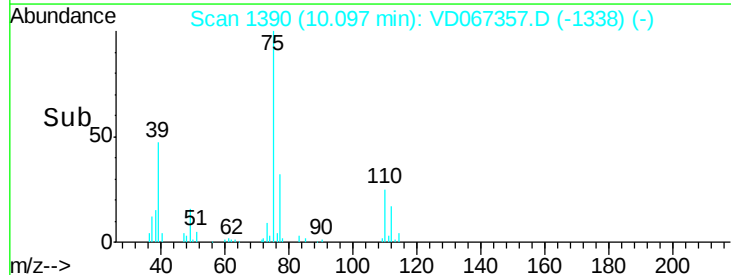
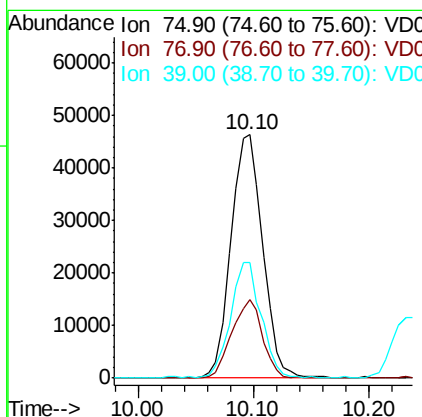
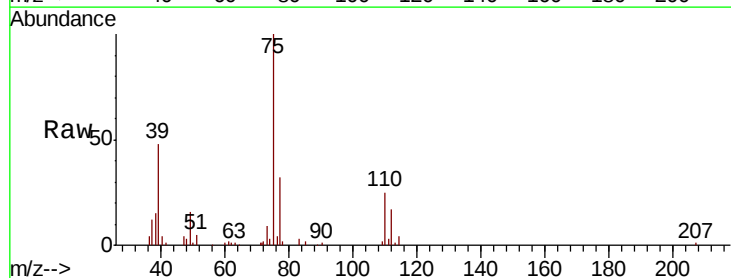
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

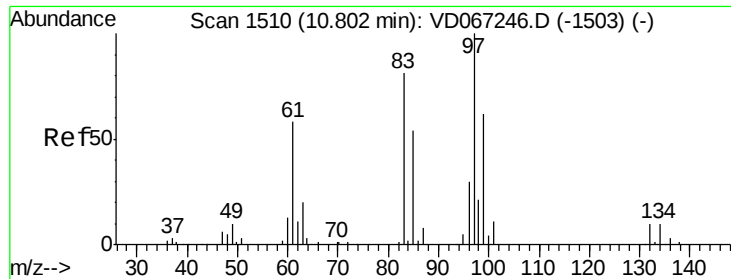
Tot Ion: 75 Resp: 75952
Ion Ratio Lower Upper
75 100
77 33.6 26.5 39.7



#54
cis-1,3-Dichloropropene
Concen: 20.575 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 75 Resp: 88207
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7
39 47.6 33.7 50.5

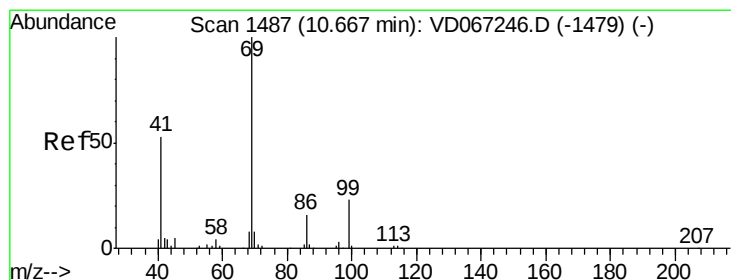
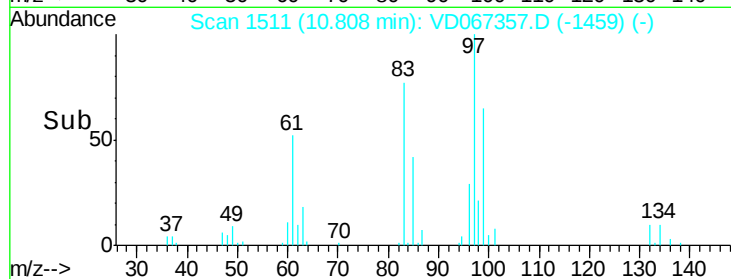
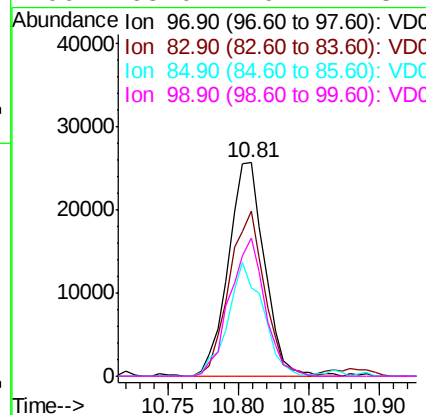
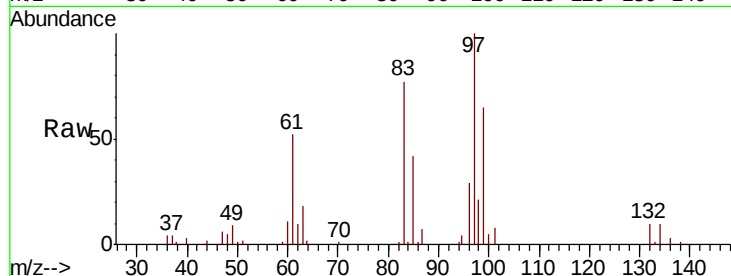




#55
 1,1,2-Trichloroethane
 Concen: 21.717 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

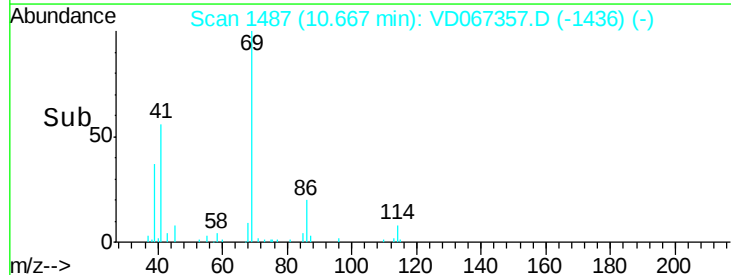
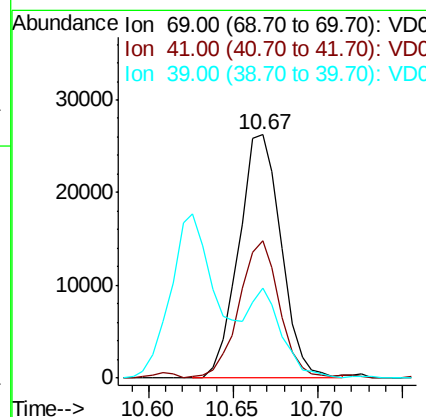
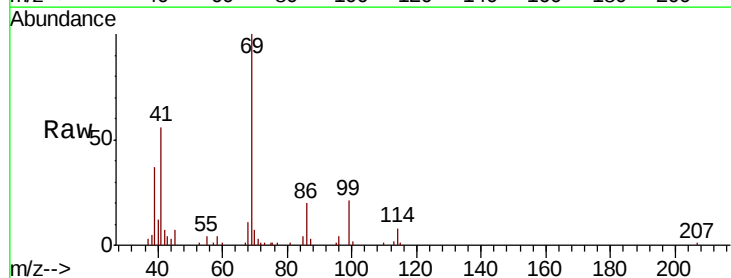
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

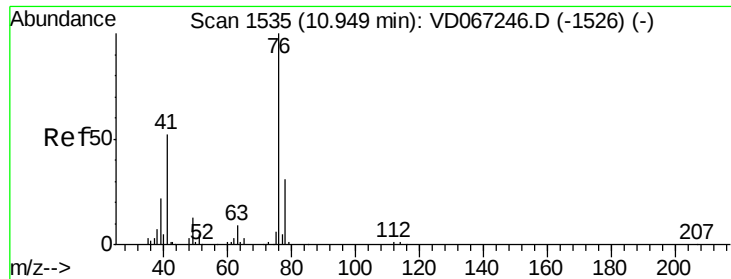
Tot Ion	97	Resp	46093
Ion	Ratio	Lower	Upper
97	100		
83	77.3	64.9	97.3
85	41.6	43.3	64.9#
99	65.0	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 20.884 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion	69	Resp	45970
Ion	Ratio	Lower	Upper
69	100		
41	53.9	44.7	67.1
39	27.1	26.2	39.2

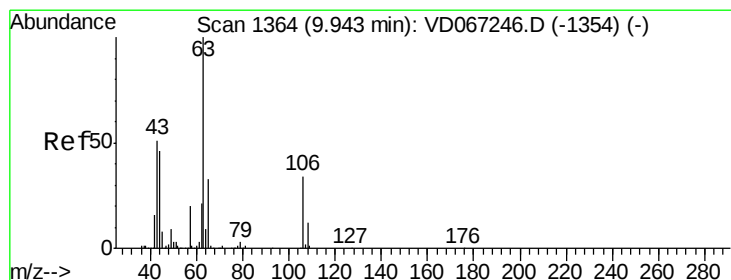
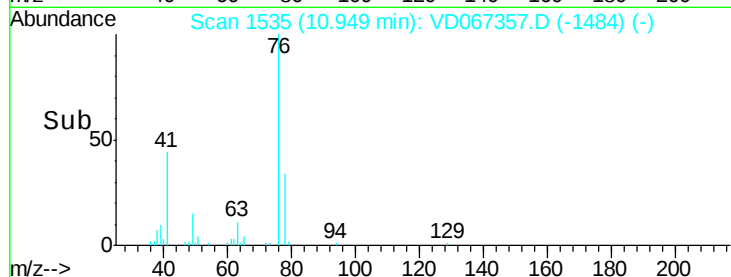
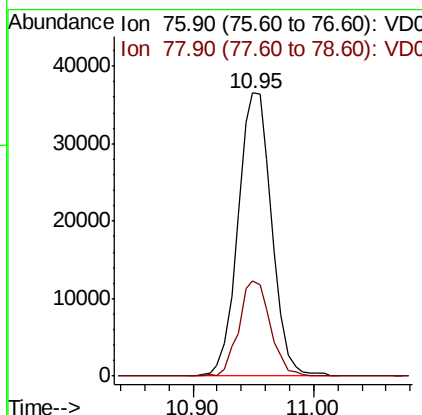
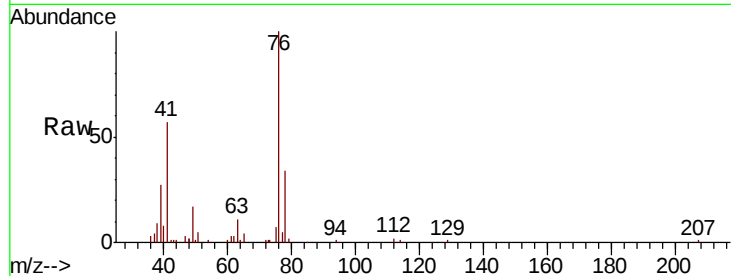




#57
 1,3-Dichloropropane
 Concen: 20.964 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

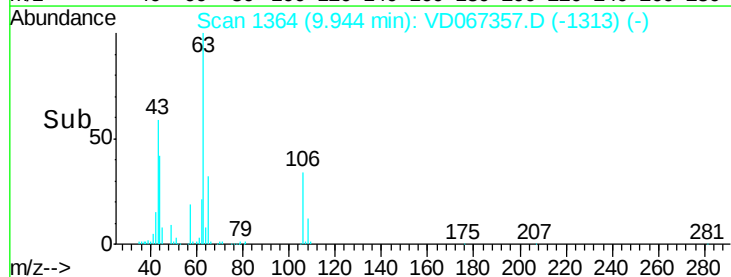
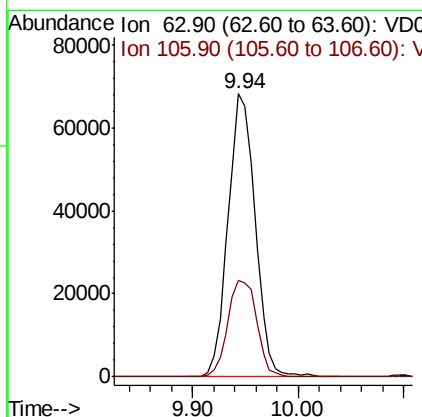
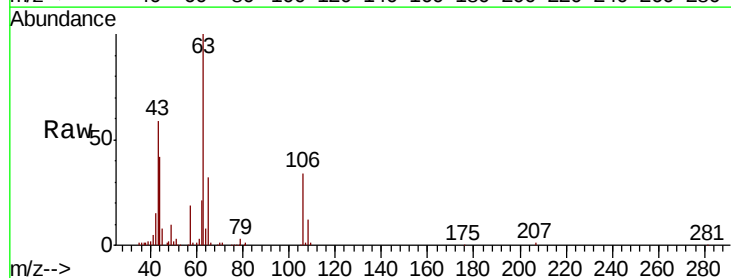
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBSD01

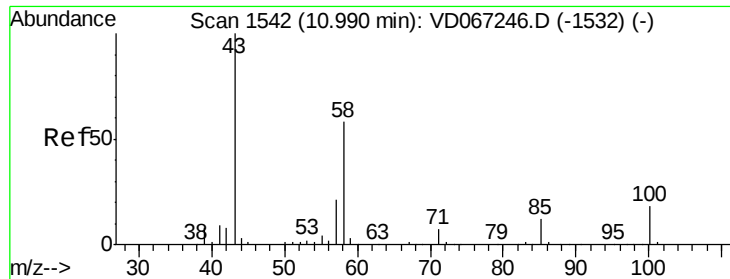
Tot Ion: 76 Resp: 70810
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.293 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion: 63 Resp: 121154
 Ion Ratio Lower Upper
 63 100
 106 36.1 27.8 41.6

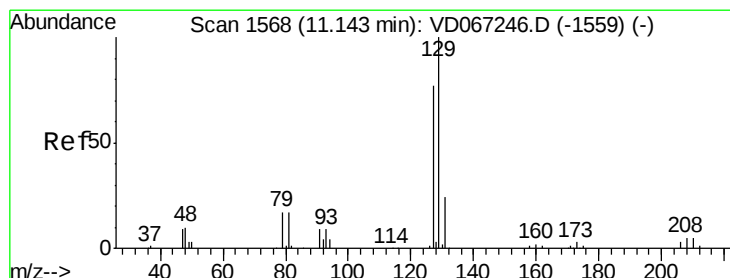
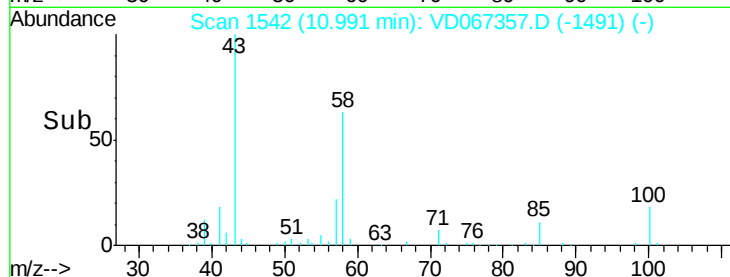
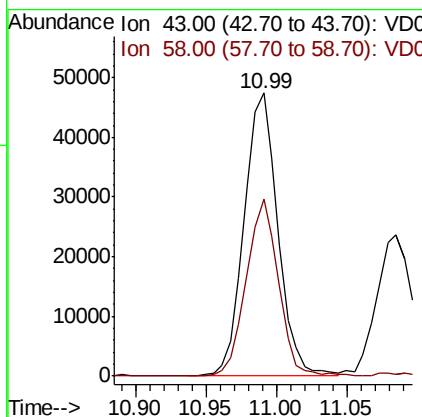
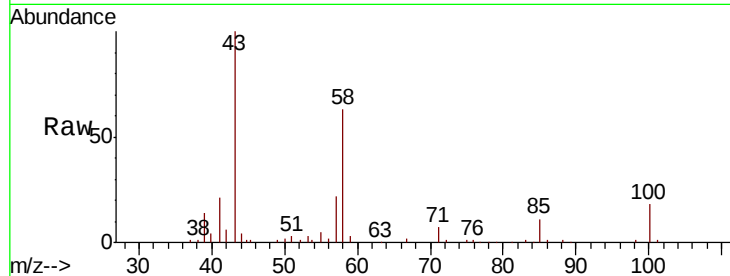




#59
2-Hexanone
Concen: 102.059 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

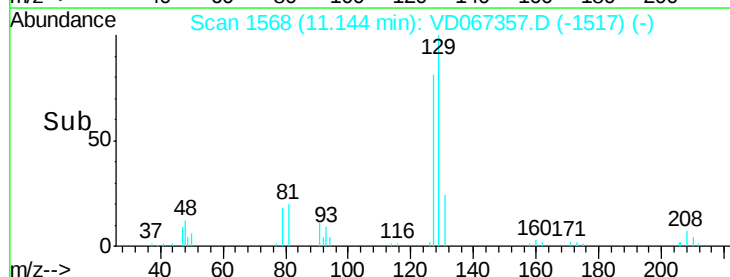
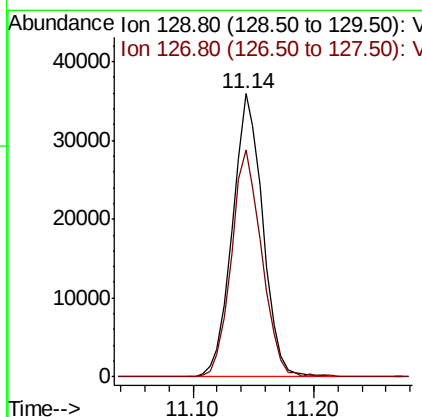
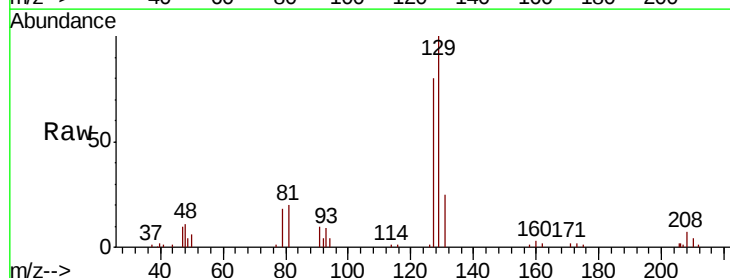
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

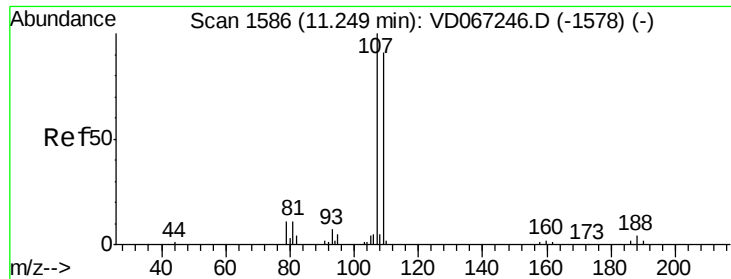
Tot Ion: 43 Resp: 79787
Ion Ratio Lower Upper
43 100
58 59.5 29.3 87.9



#60
Dibromochloromethane
Concen: 20.326 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 129 Resp: 62914
Ion Ratio Lower Upper
129 100
127 79.8 38.3 114.8

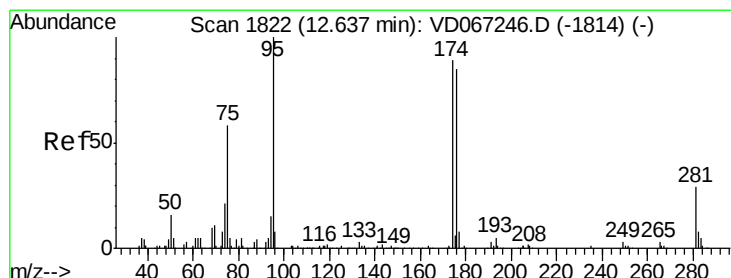
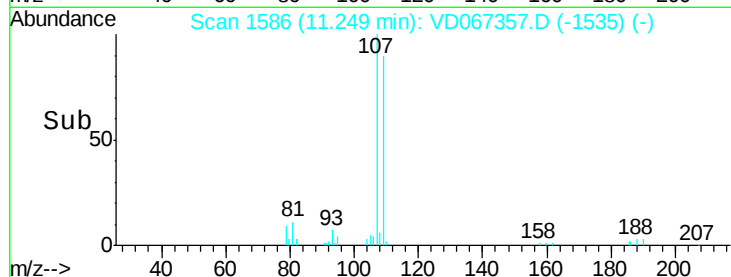
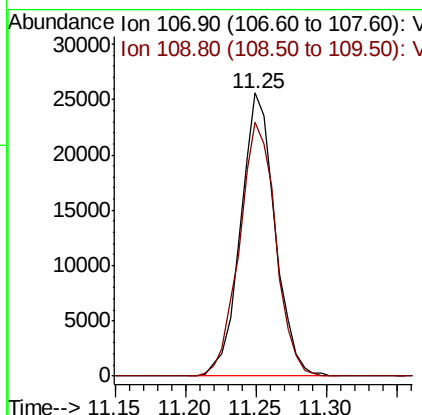
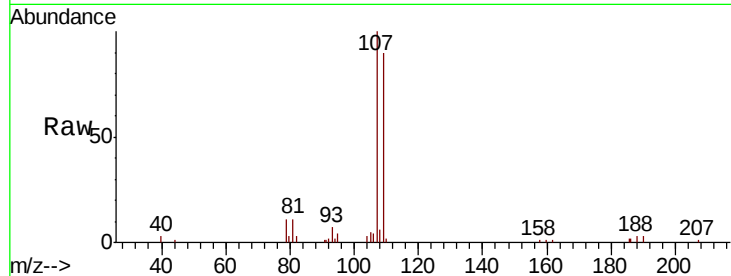




#61
 1,2-Dibromoethane
 Concen: 20.830 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

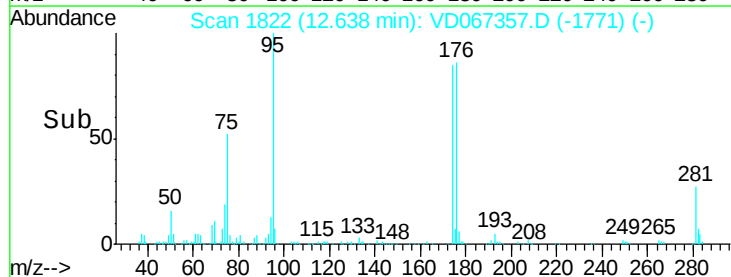
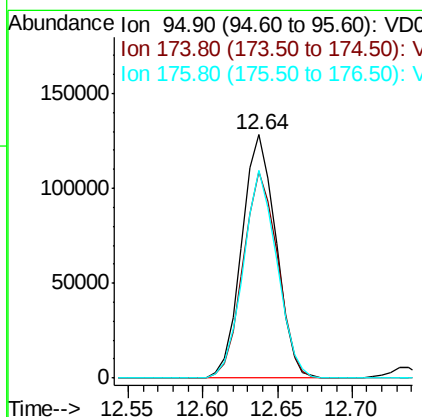
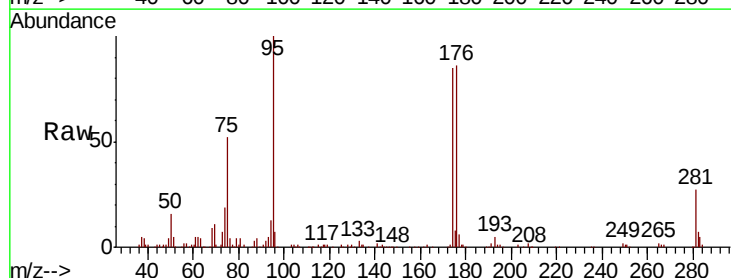
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBSD01

Tot Ion: 107 Resp: 43585
 Ion Ratio Lower Upper
 107 100
 109 94.8 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 52.496 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion: 95 Resp: 203796
 Ion Ratio Lower Upper
 95 100
 174 85.5 0.0 175.2
 176 84.0 0.0 168.6

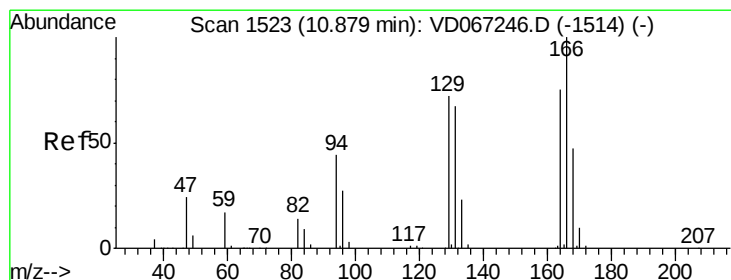
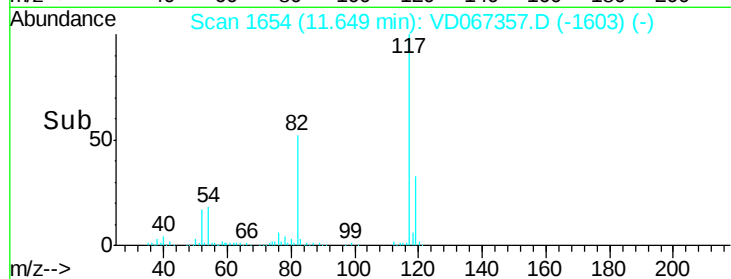
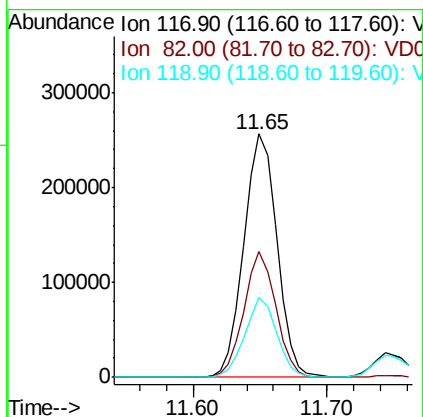
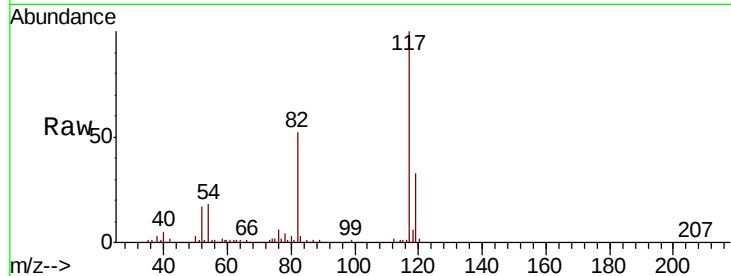




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

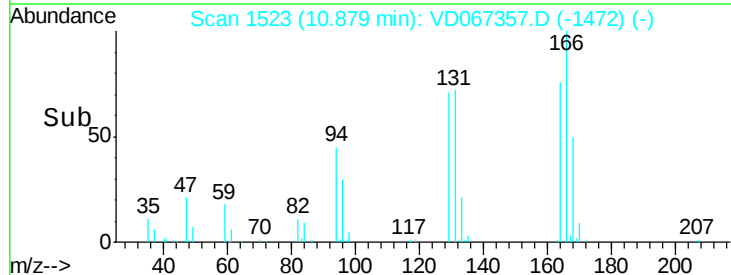
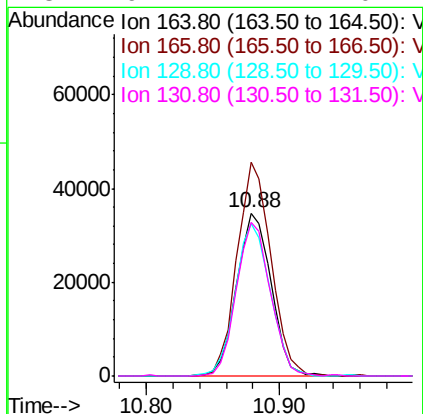
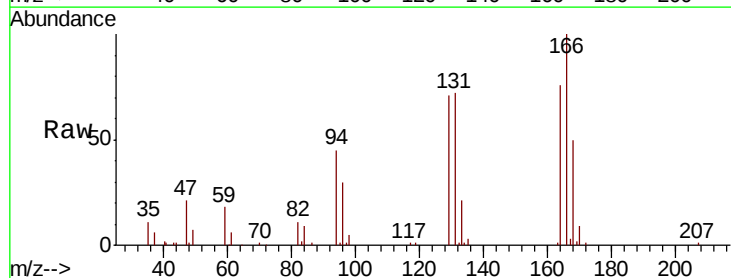
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

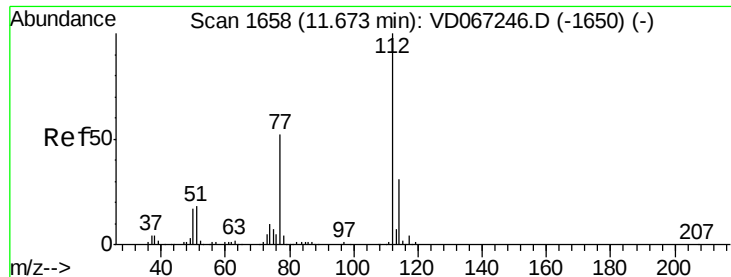
Tot Ion:117 Resp: 440369
Ion Ratio Lower Upper
117 100
82 51.7 39.9 59.9
119 32.5 24.9 37.3



#64
Tetrachloroethene
Concen: 19.519 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion:164 Resp: 62279
Ion Ratio Lower Upper
164 100
166 131.4 107.3 160.9
129 93.7 77.3 115.9
131 94.4 71.4 107.2

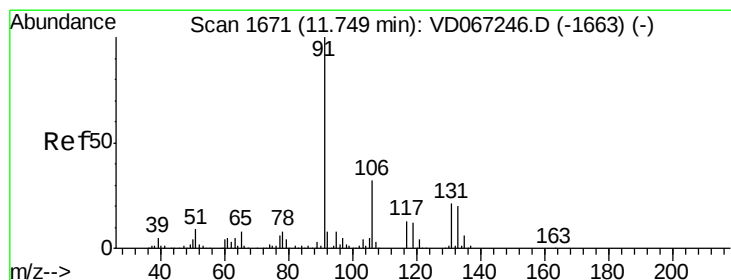
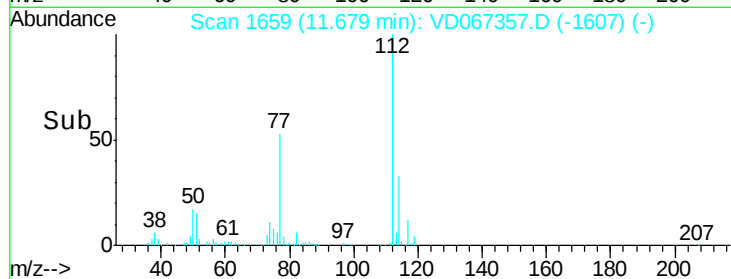
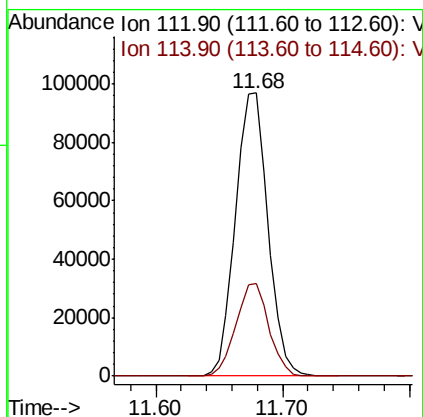
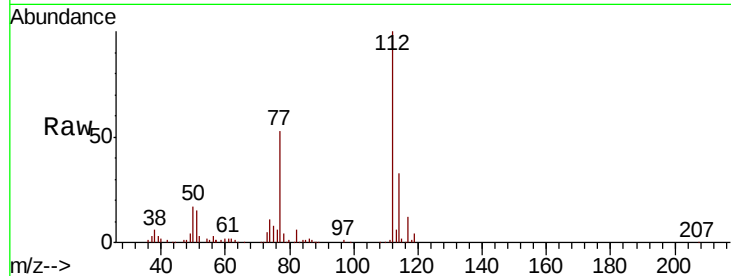




#65
Chlorobenzene
Concen: 20.409 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

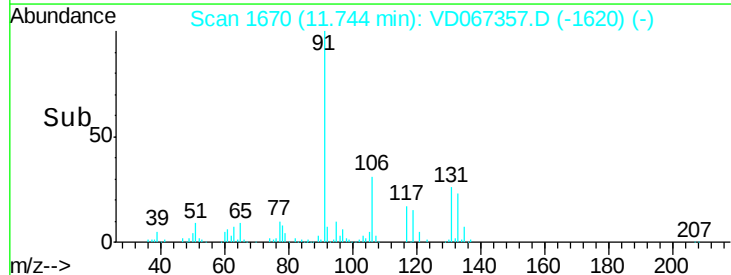
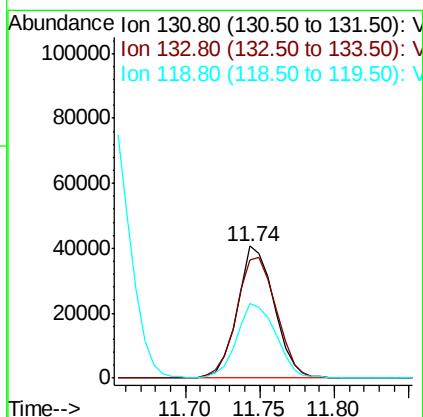
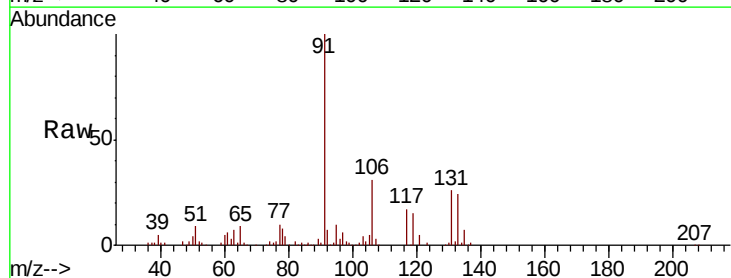
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

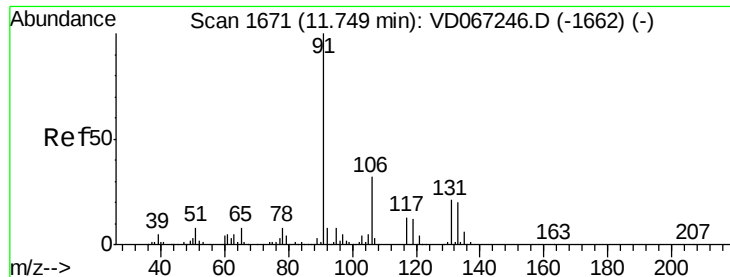
Tot Ion:112 Resp: 172342
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.747 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion:131 Resp: 69631
Ion Ratio Lower Upper
131 100
133 99.3 48.1 144.3
119 60.7 30.0 90.0





#67

Ethyl Benzene

Concen: 20.201 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

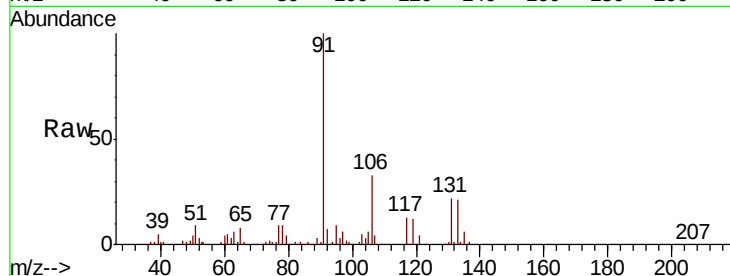
VD1022SBS01

Tot Ion: 91 Resp: 292423

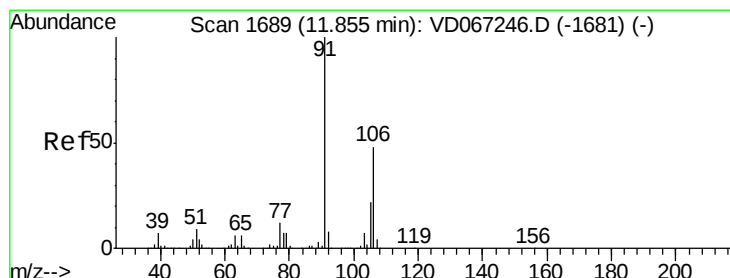
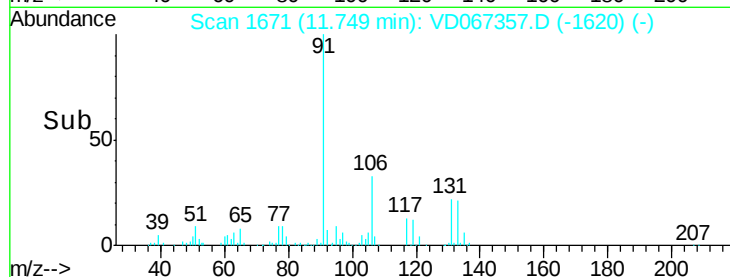
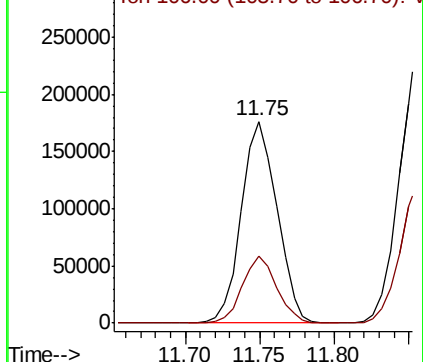
Ion Ratio Lower Upper

91 100

106 33.2 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 41.714 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067357.D

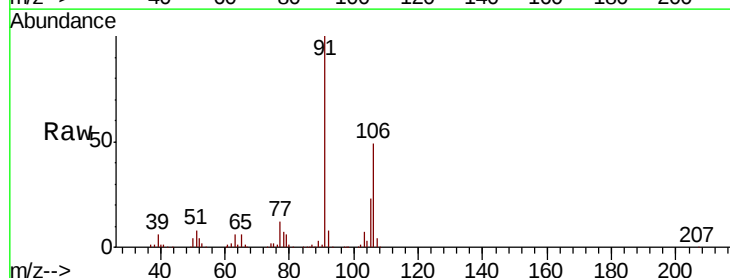
Acq: 22 Oct 2020 12:54

Tgt Ion: 106 Resp: 232526

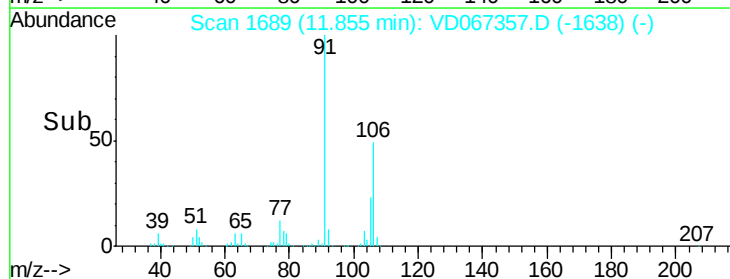
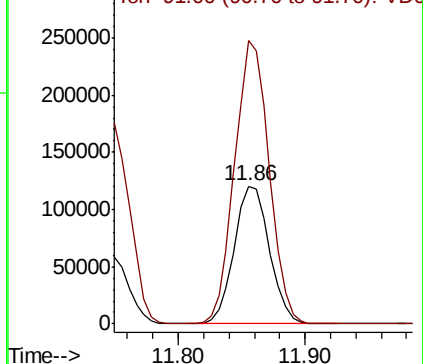
Ion Ratio Lower Upper

106 100

91 201.4 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

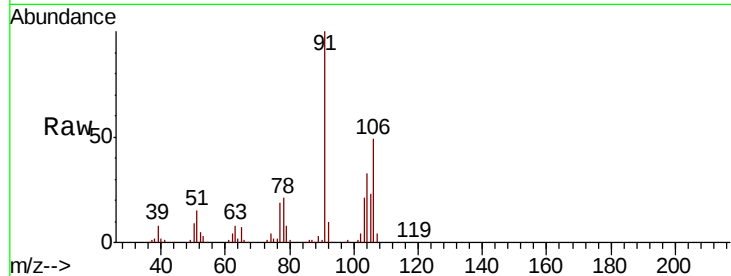




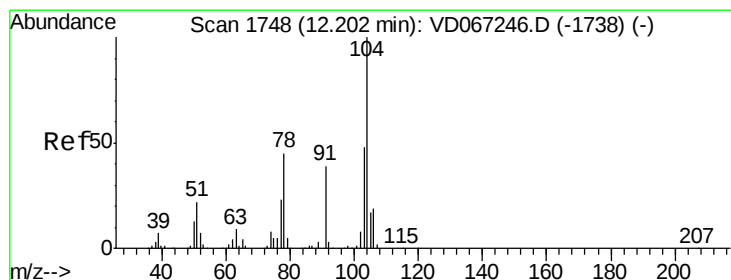
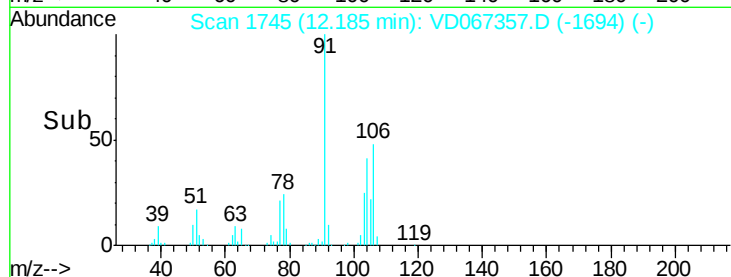
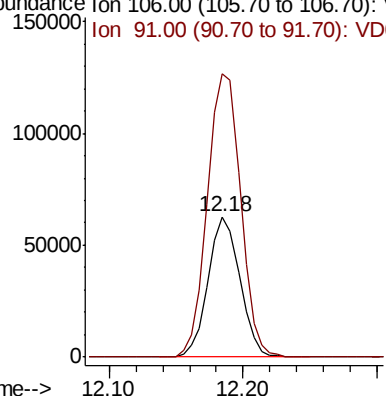
#69
o-Xylene
Concen: 20.067 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

Tot Ion:106 Resp: 103582
Ion Ratio Lower Upper
106 100
91 211.2 109.1 327.3

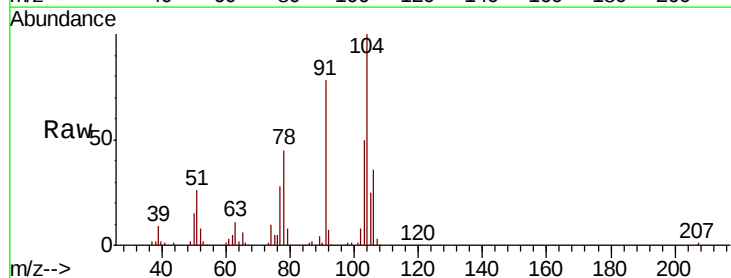


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

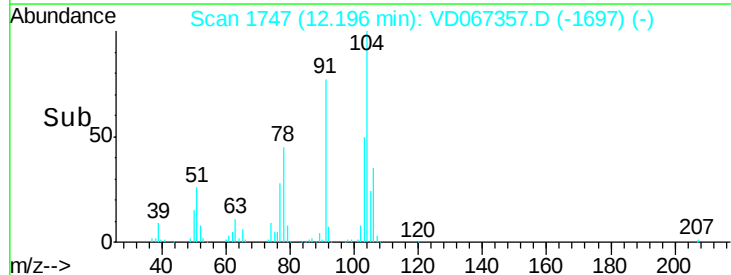
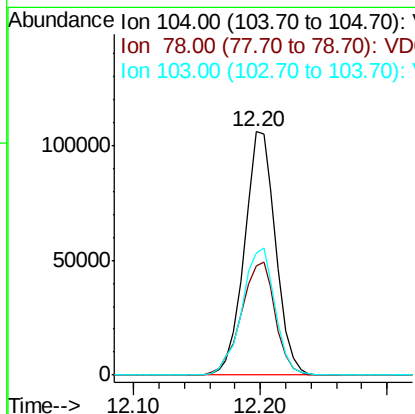


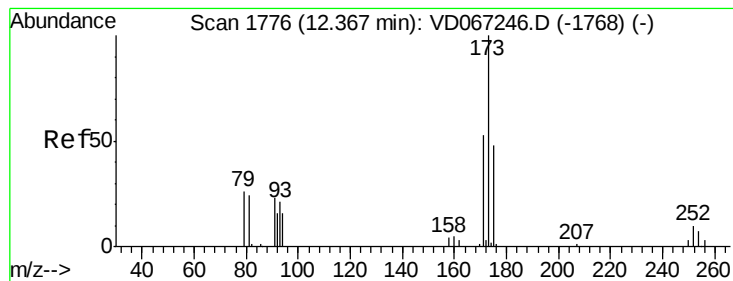
#70
Styrene
Concen: 20.452 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion:104 Resp: 181734
Ion Ratio Lower Upper
104 100
78 50.3 39.8 59.6
103 55.2 42.6 64.0



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





#71

Bromoform

Concen: 20.735 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBSD01

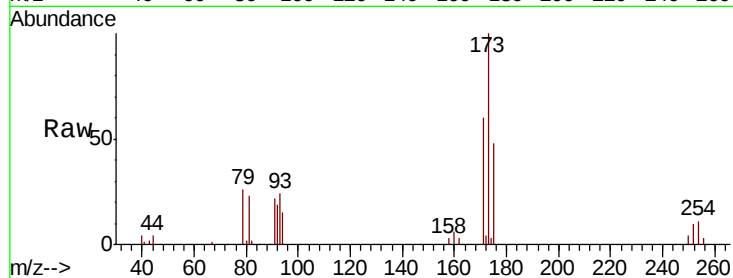
Tot Ion:173 Resp: 37387

Ion Ratio Lower Upper

173 100

175 47.4 24.2 72.6

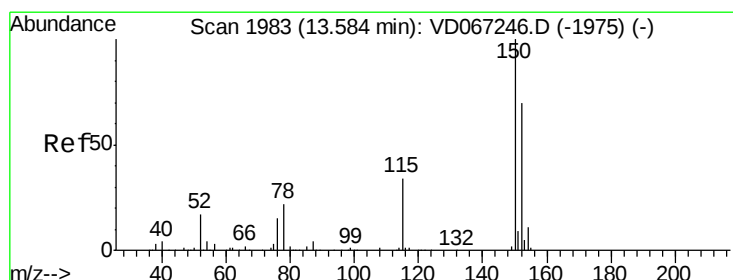
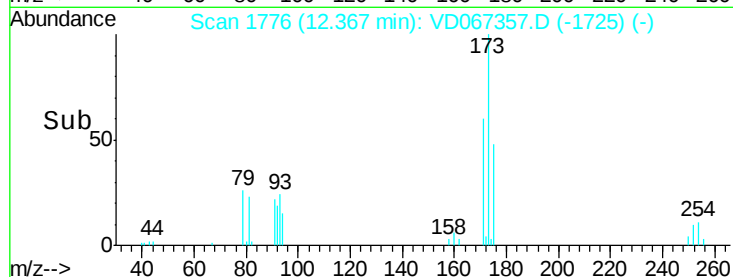
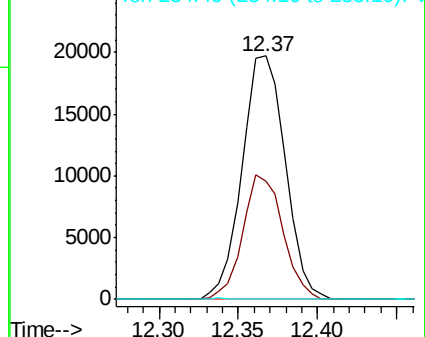
254 0.0 0.1 0.1#



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. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

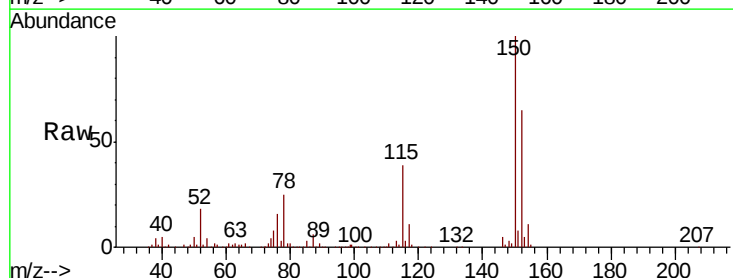
Tgt Ion:152 Resp: 225610

Ion Ratio Lower Upper

152 100

115 57.6 29.3 87.9

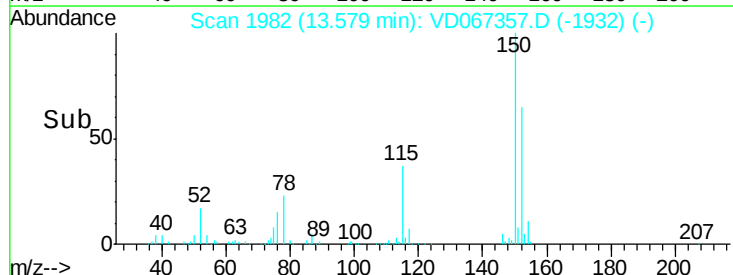
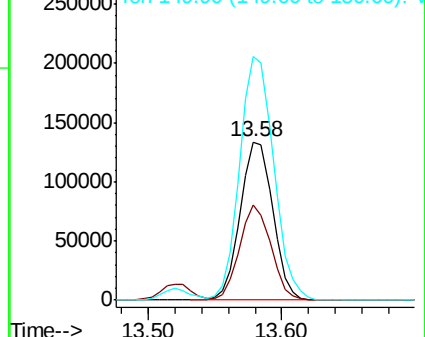
150 161.2 0.0 339.0

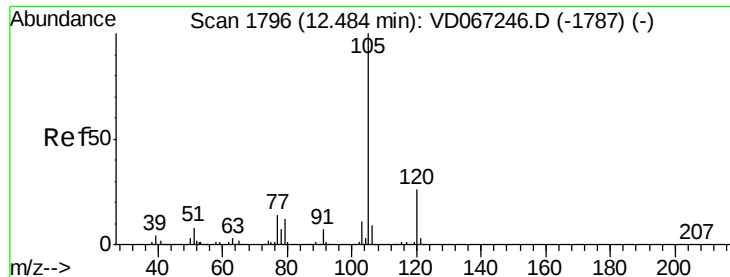


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.134 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

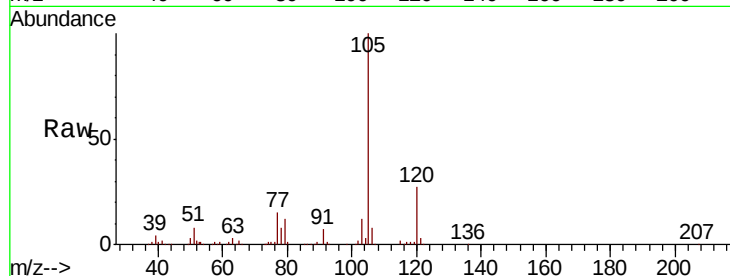
VD1022SBS01

Tot Ion:105 Resp: 288292

Ion Ratio Lower Upper

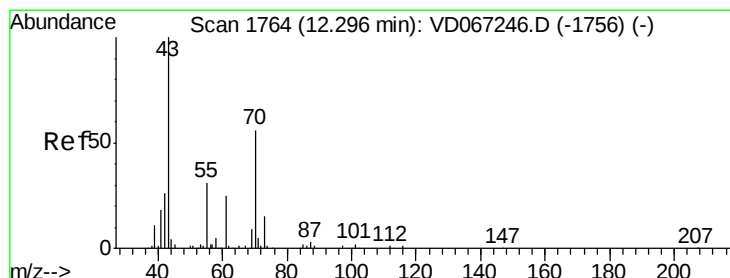
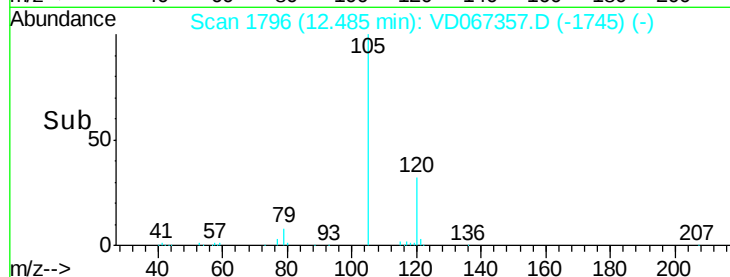
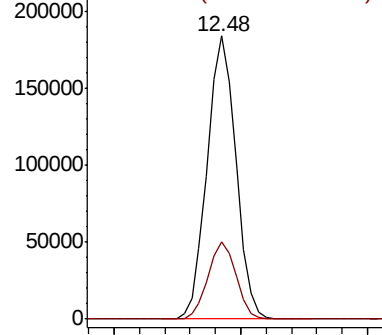
105 100

120 26.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.446 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Tgt Ion: 43 Resp: 44216

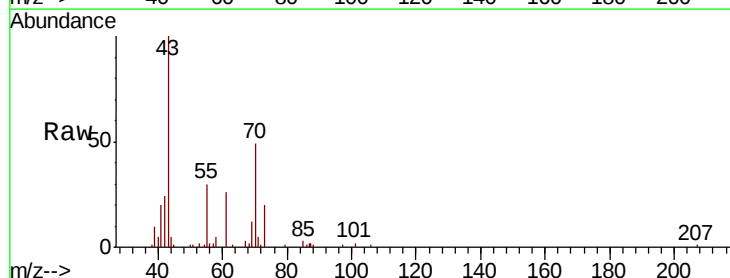
Ion Ratio Lower Upper

43 100

70 52.8 42.7 64.1

55 29.3 24.0 36.0

61 29.1 22.2 33.4

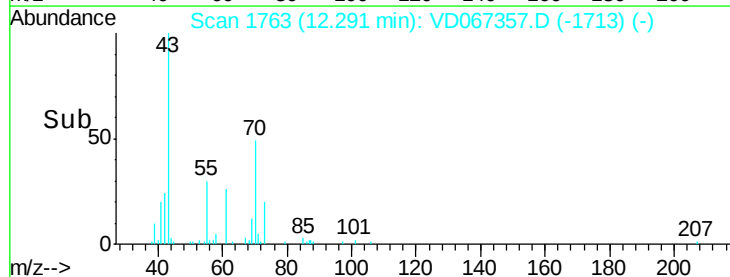
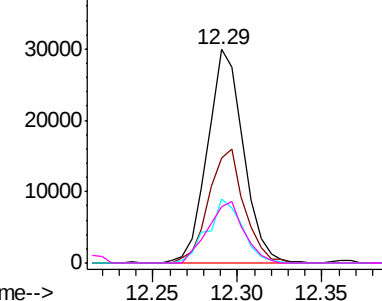


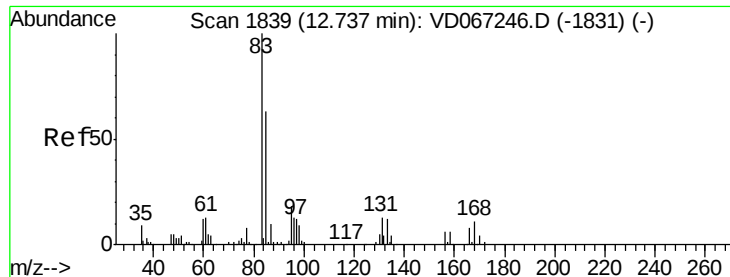
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.418 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBSD01

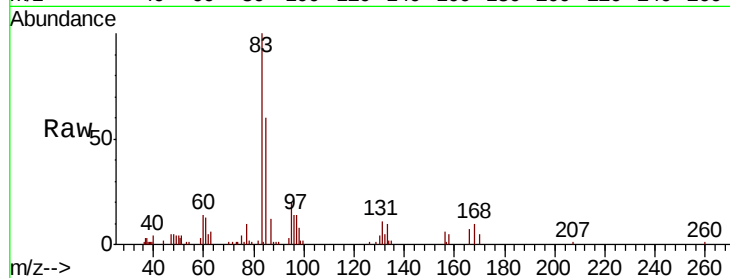
Tot Ion: 83 Resp: 46990

Ion Ratio Lower Upper

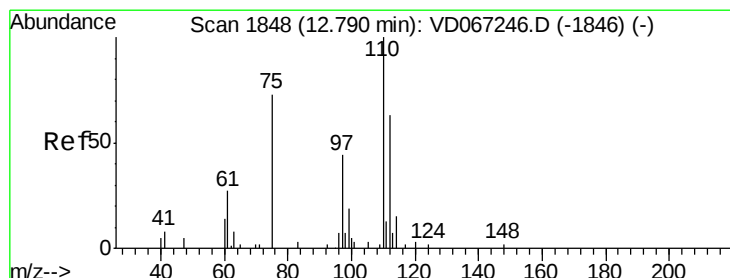
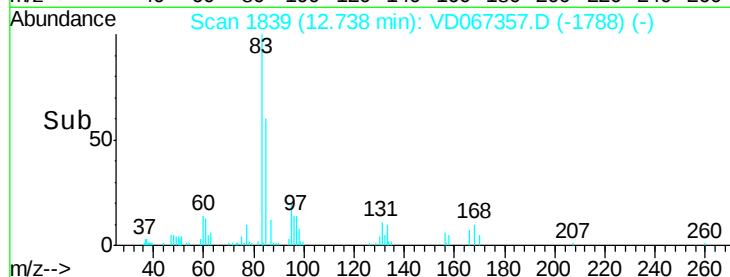
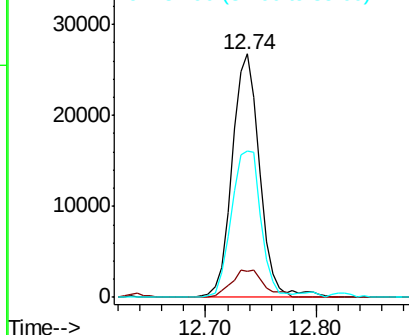
83 100

131 13.3 6.5 19.5

85 64.4 32.6 97.7



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: 40.097 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067357.D

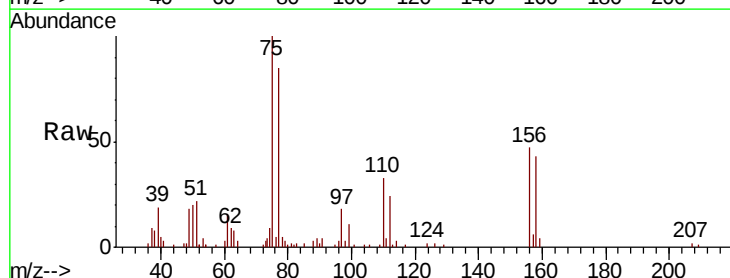
Acq: 22 Oct 2020 12:54

Tgt Ion: 75 Resp: 62699

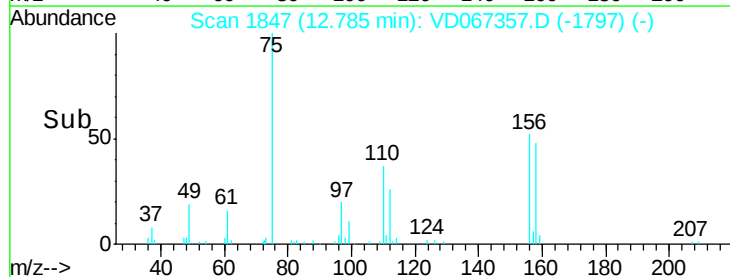
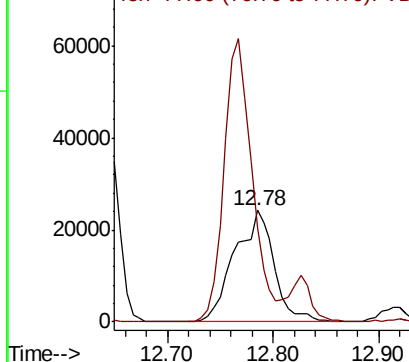
Ion Ratio Lower Upper

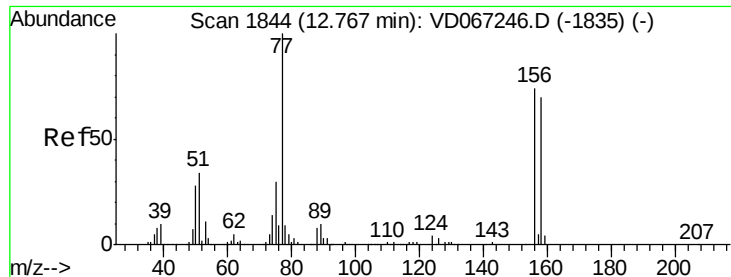
75 100

77 179.5 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: 19.879 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBSD01

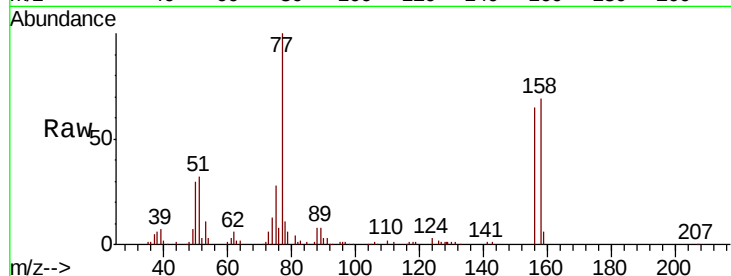
Tot Ion:156 Resp: 70963

Ion Ratio Lower Upper

156 100

77 158.6 78.0 233.8

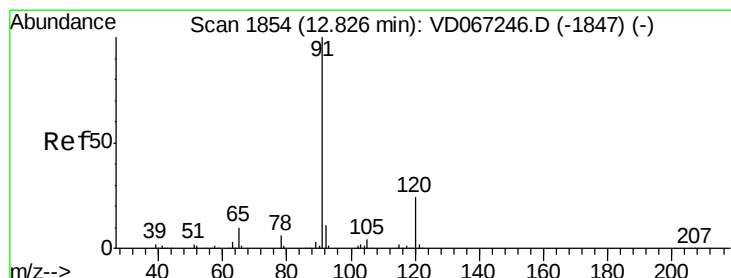
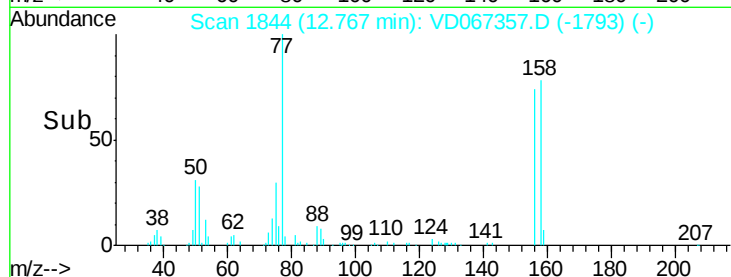
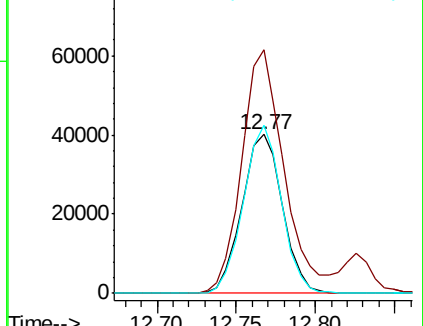
158 99.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.536 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067357.D

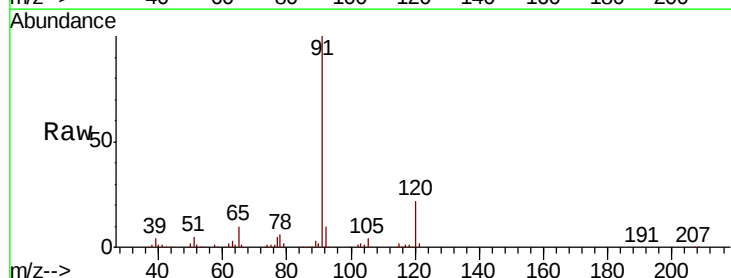
Acq: 22 Oct 2020 12:54

Tgt Ion: 91 Resp: 340686

Ion Ratio Lower Upper

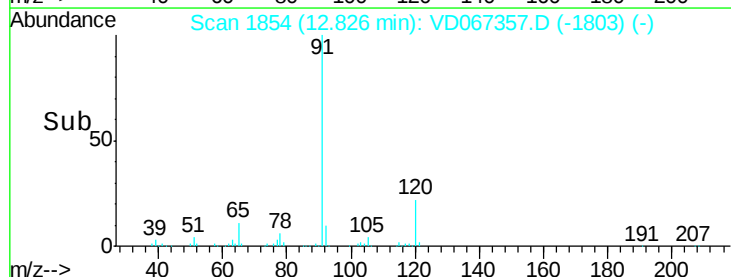
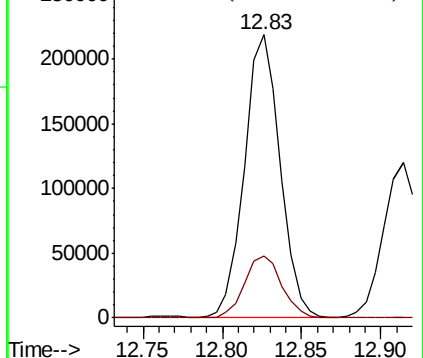
91 100

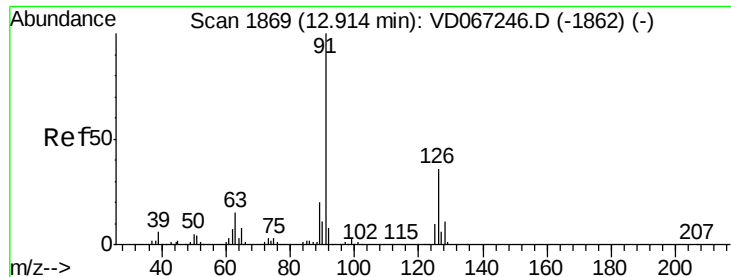
120 23.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.910 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

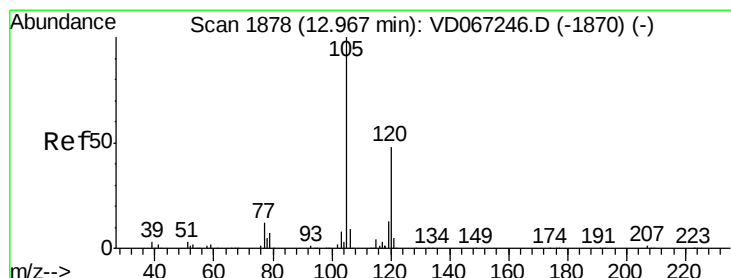
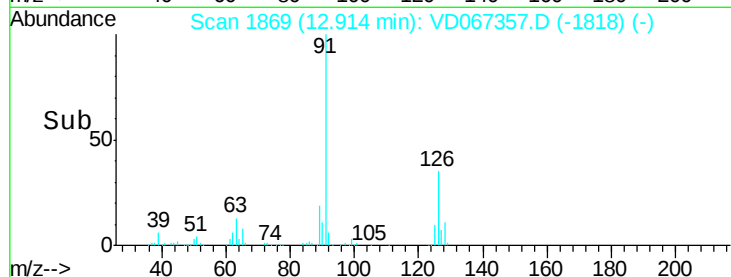
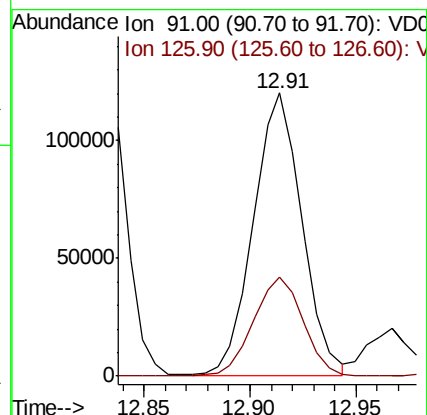
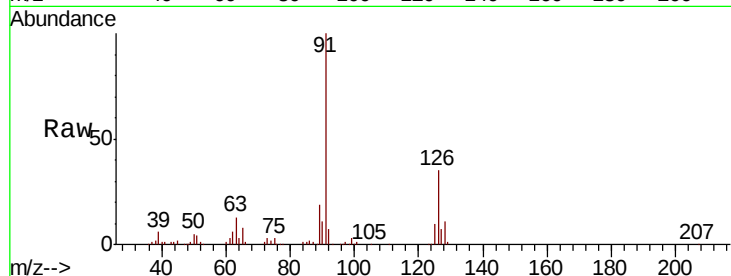
VD1022SBS01

Tot Ion: 91 Resp: 191549

Ion Ratio Lower Upper

91 100

126 35.7 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 20.674 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067357.D

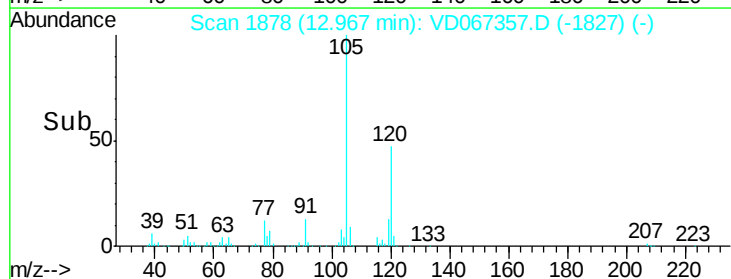
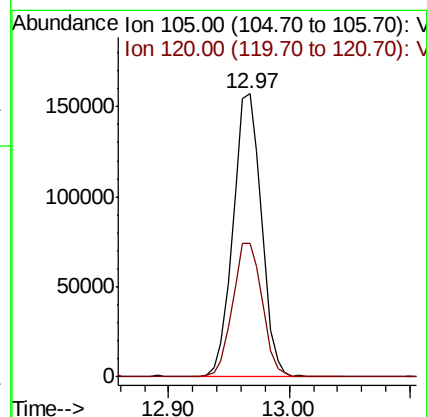
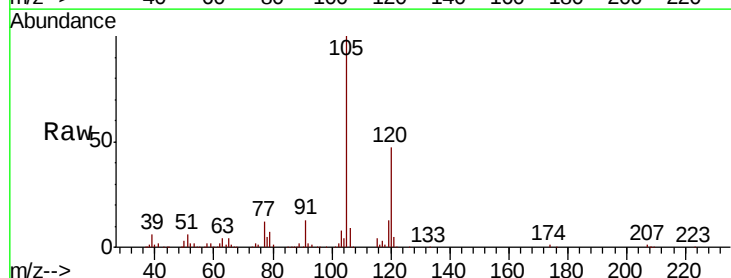
Acq: 22 Oct 2020 12:54

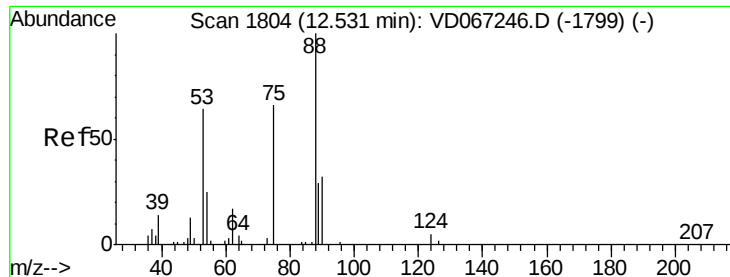
Tgt Ion:105 Resp: 257247

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

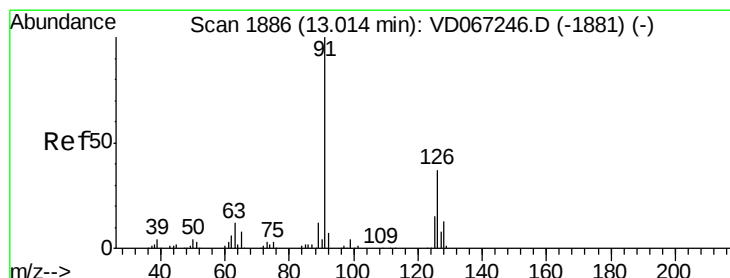
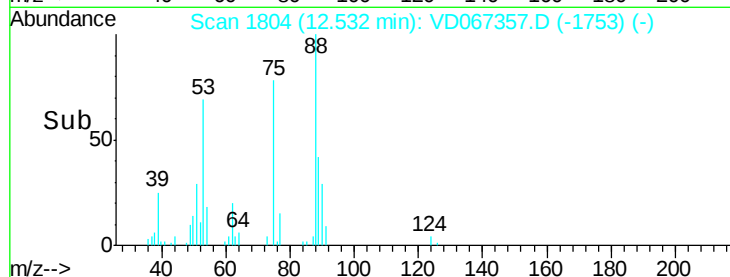
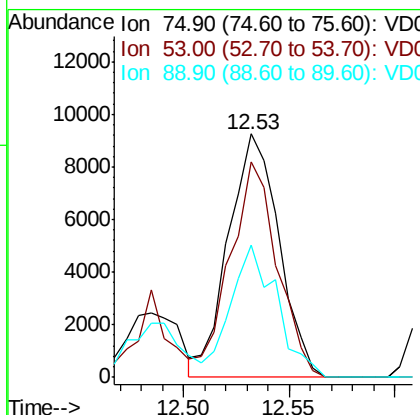
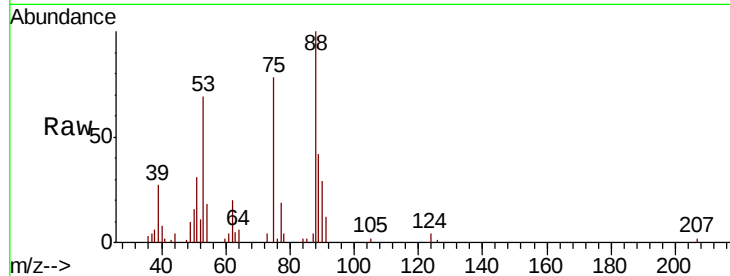




#81
trans-1,4-Dichloro-2-butene
Concen: 22.270 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

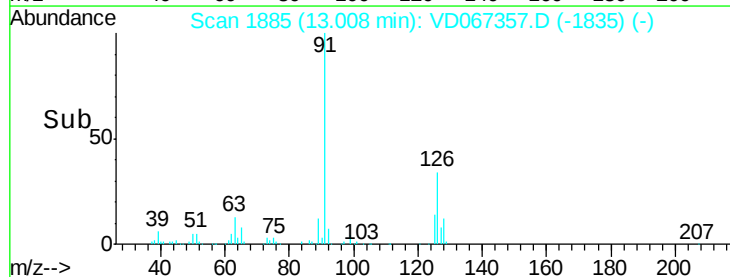
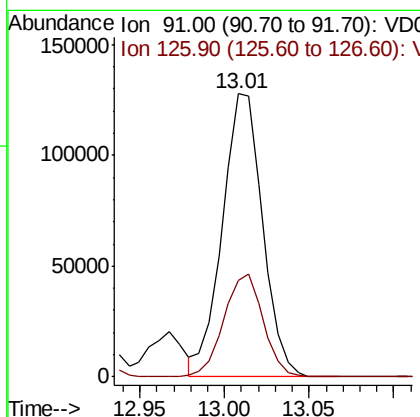
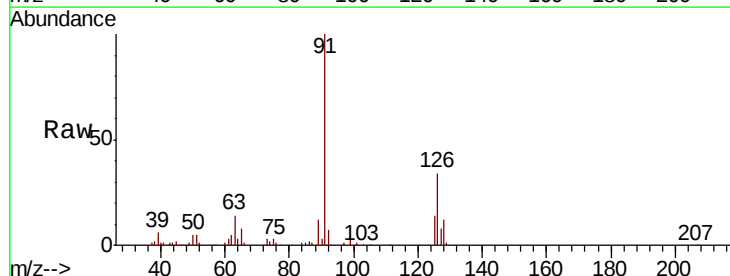
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

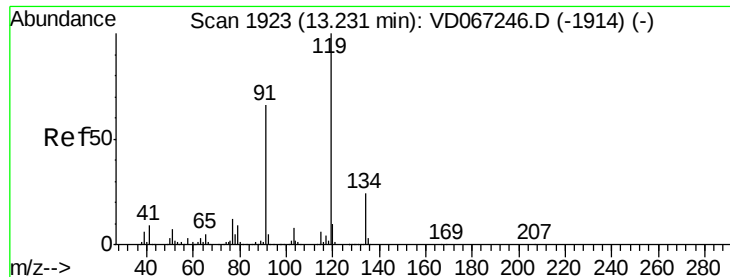
Tot Ion: 75 Resp: 15356
Ion Ratio Lower Upper
75 100
53 83.2 78.5 117.7
89 49.5 39.9 59.9



#82
4-Chlorotoluene
Concen: 20.799 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion: 91 Resp: 212380
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.5

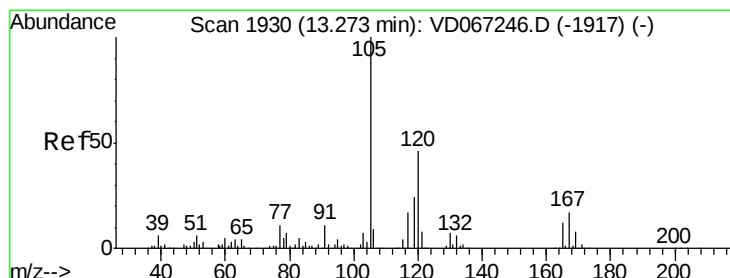
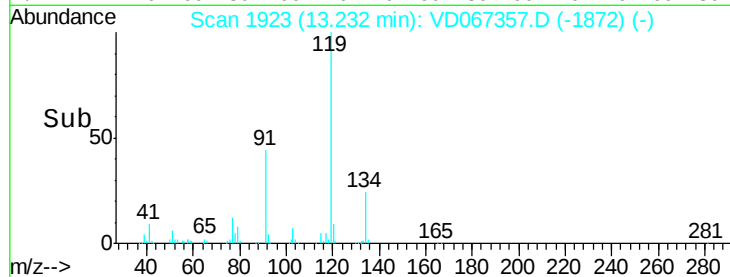
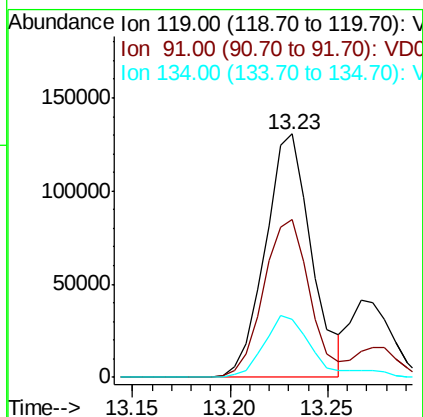
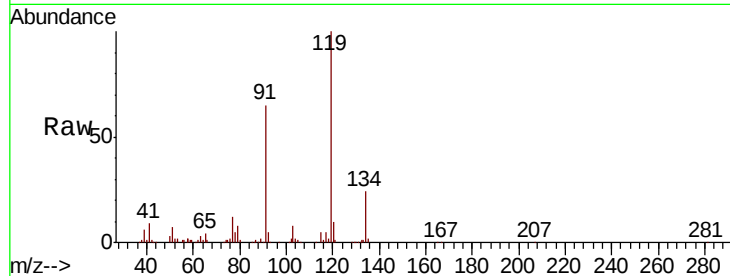




#83
tert-Butylbenzene
Concen: 20.355 ug/l
RT: 13.23 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

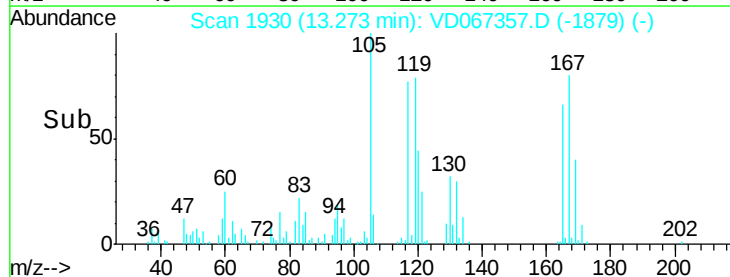
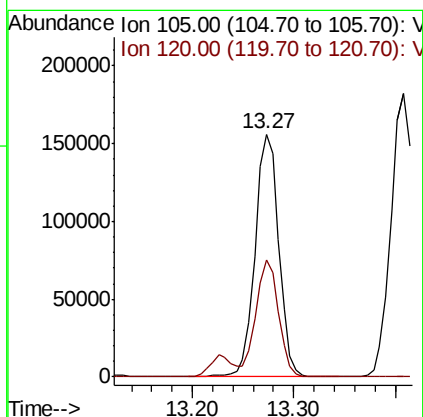
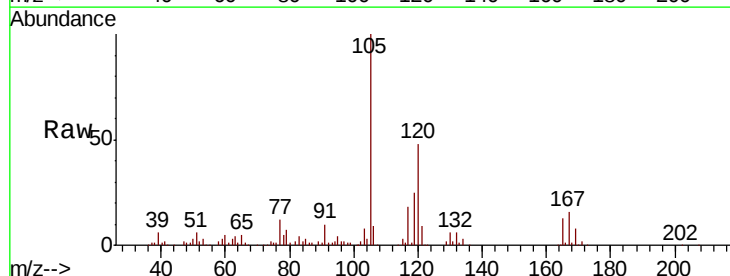
Instrument :
MSVOA_D
ClientSampleId :
VD1022SBS01

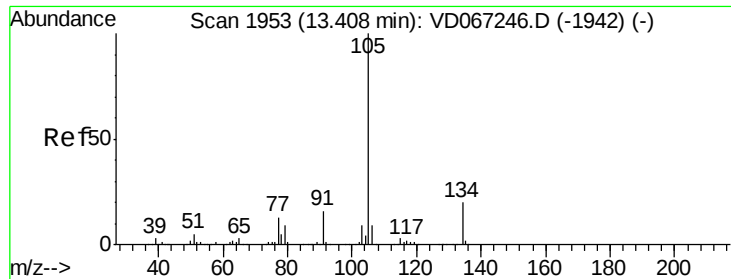
Tot Ion:119 Resp: 213949
Ion Ratio Lower Upper
119 100
91 64.7 33.1 99.2
134 27.3 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.664 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion:105 Resp: 254131
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.083 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

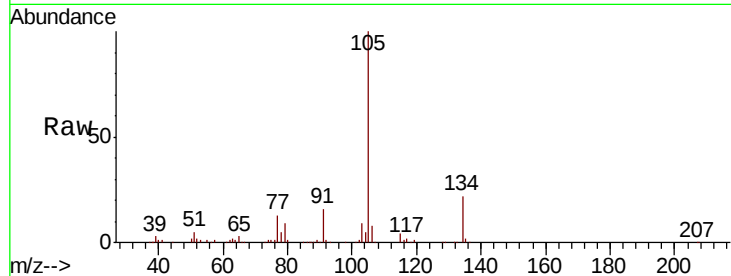
VD1022SBS01

Tot Ion:105 Resp: 289636

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

200000

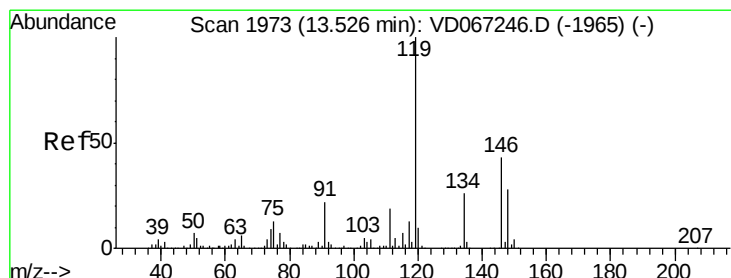
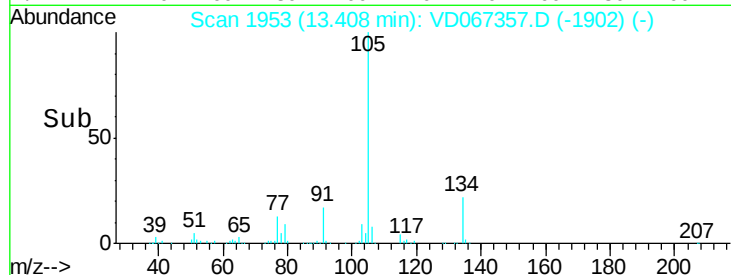
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.288 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

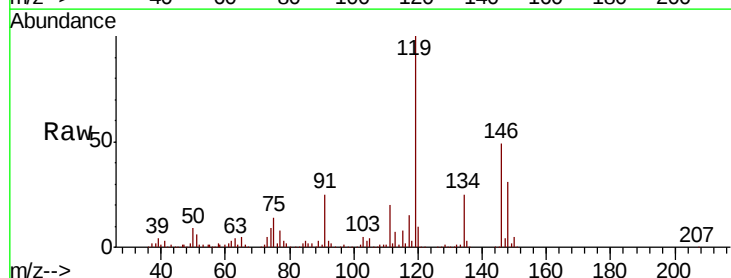
Tgt Ion:119 Resp: 276176

Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 24.4 11.9 35.9



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

250000

200000

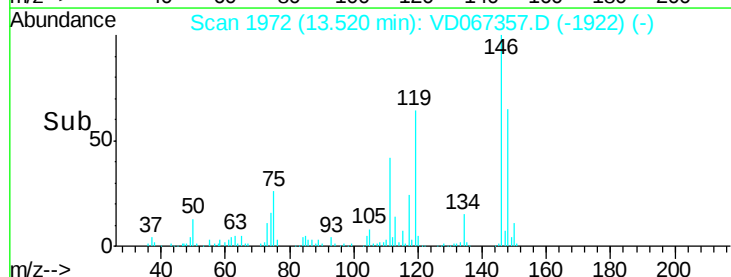
150000

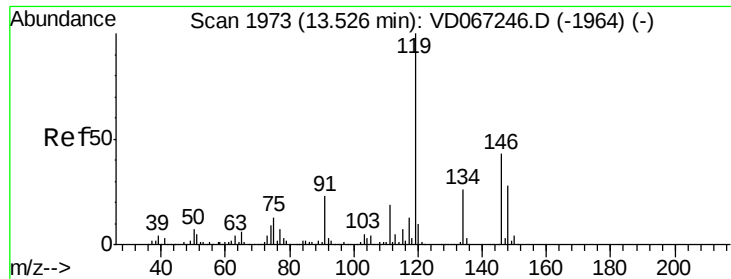
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.641 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBSD01

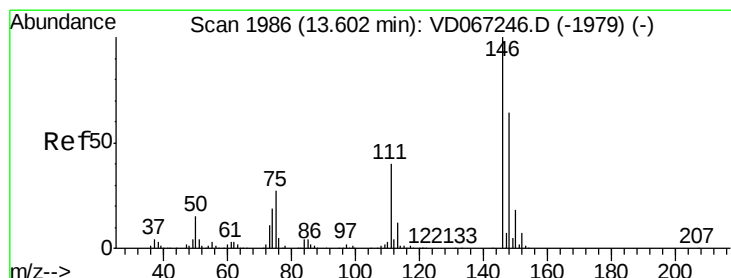
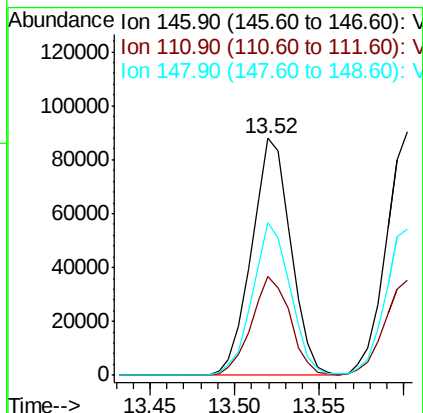
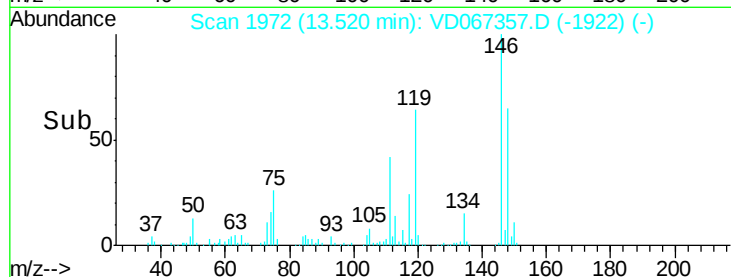
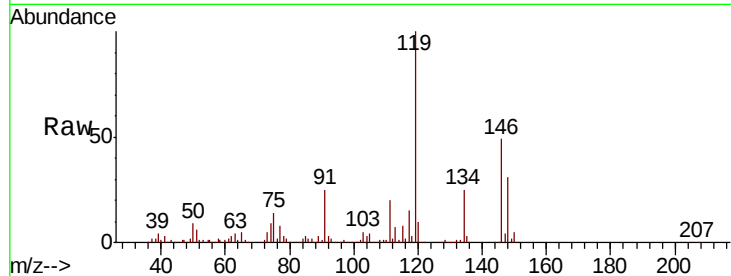
Tot Ion:146 Resp: 141826

Ion Ratio Lower Upper

146 100

111 41.5 21.1 63.3

148 62.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.892 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

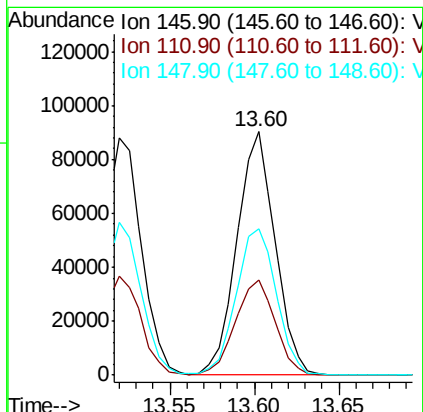
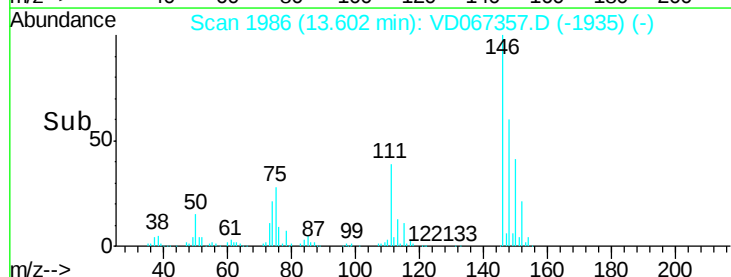
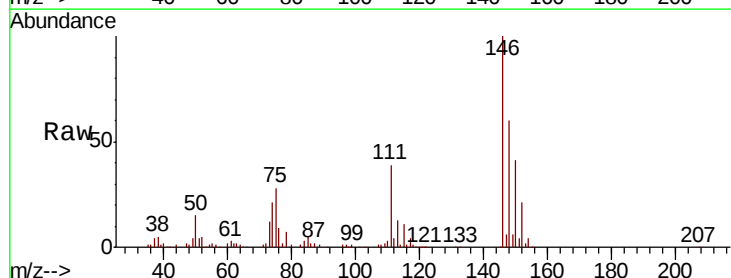
Tgt Ion:146 Resp: 142224

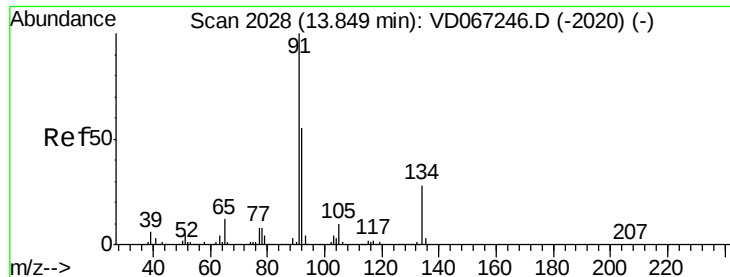
Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.7

148 63.2 31.9 95.9





#89

n-Butylbenzene

Concen: 19.892 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBS01

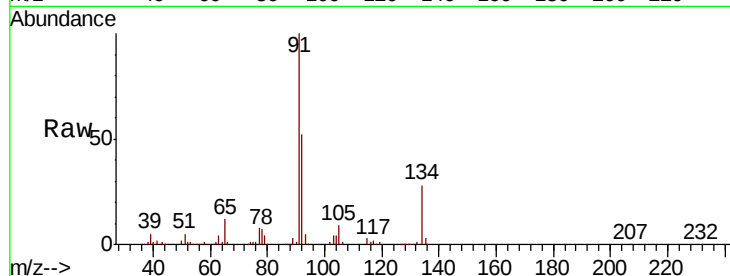
Tot Ion: 91 Resp: 238218

Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.7	80.0
134	28.6	14.2	42.6

91 100

92 52.6 26.7 80.0

134 28.6 14.2 42.6

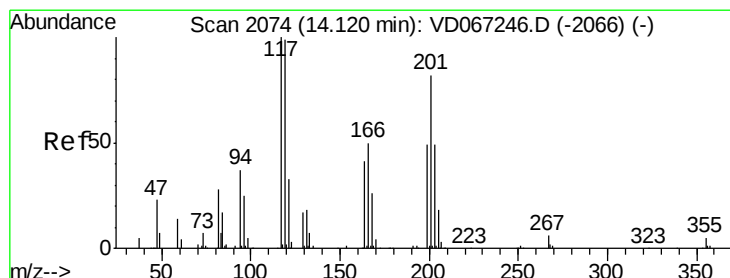
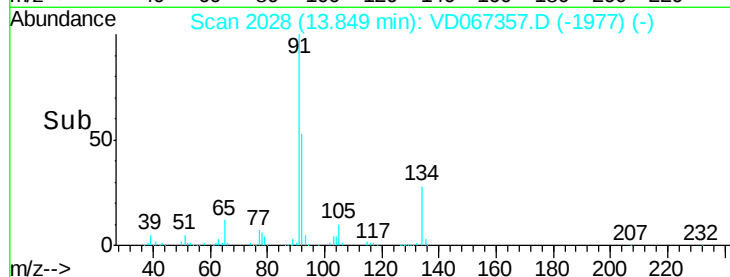
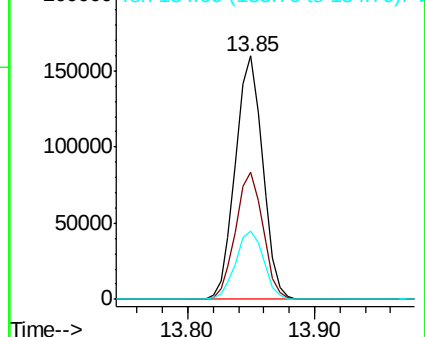


Abundance

Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 19.754 ug/l

RT: 14.11 min Scan# 2073

Delta R.T. -0.01 min

Lab File: VD067357.D

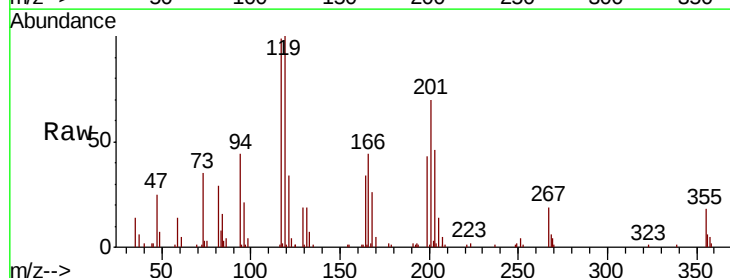
Acq: 22 Oct 2020 12:54

Tgt Ion: 117 Resp: 46925

Ion	Ratio	Lower	Upper
117	100		
201	77.7	40.8	122.2

117 100

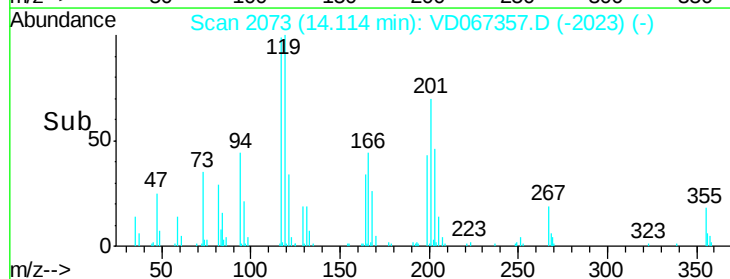
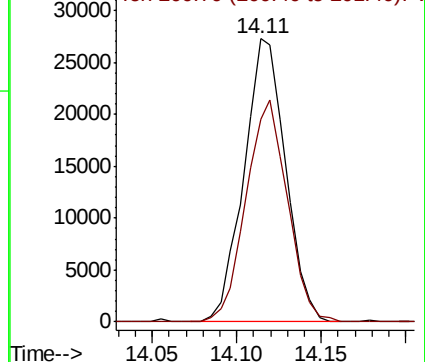
201 77.7 40.8 122.2

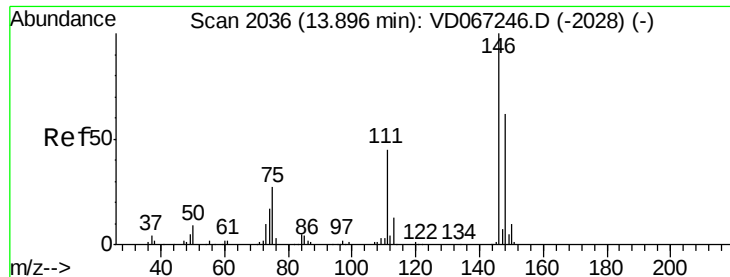


Abundance

Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC





#91

1,2-Dichlorobenzene

Concen: 20.417 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

Instrument :

MSVOA_D

ClientSampleId :

VD1022SBS01

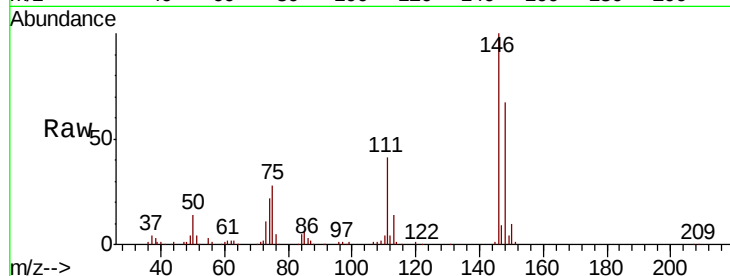
Tot Ion:146 Resp: 122551

Ion Ratio Lower Upper

146 100

111 41.8 22.0 66.0

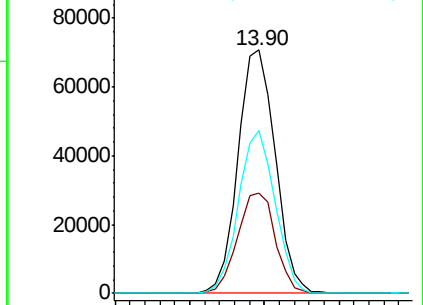
148 65.6 32.5 97.5



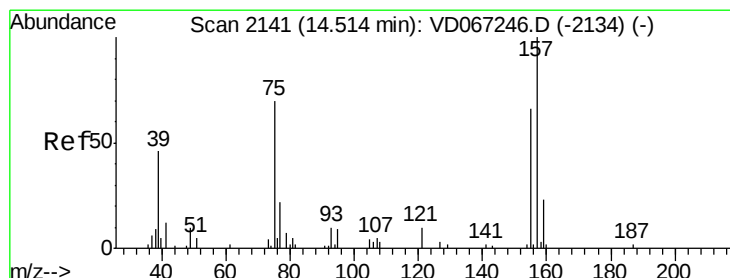
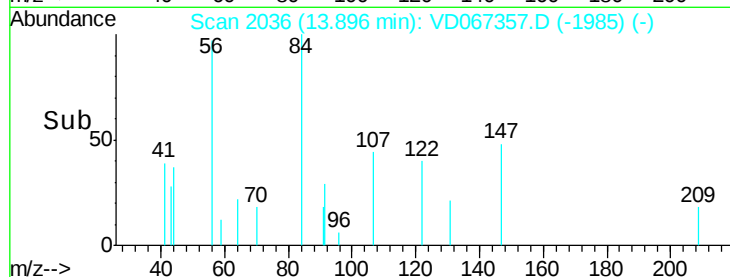
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



Time--> 13.80 13.85 13.90 13.95



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.366 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067357.D

Acq: 22 Oct 2020 12:54

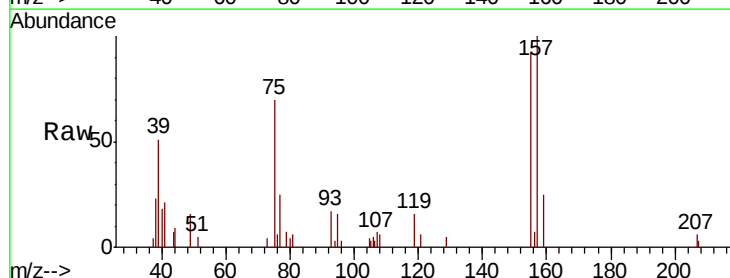
Tgt Ion: 75 Resp: 7719

Ion Ratio Lower Upper

75 100

155 100.5 44.8 134.4

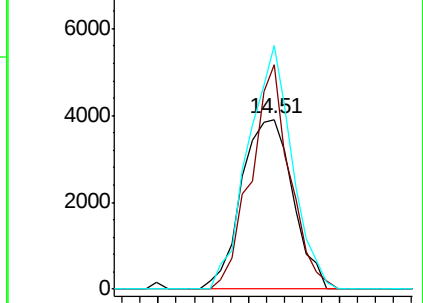
157 122.9 62.5 187.4



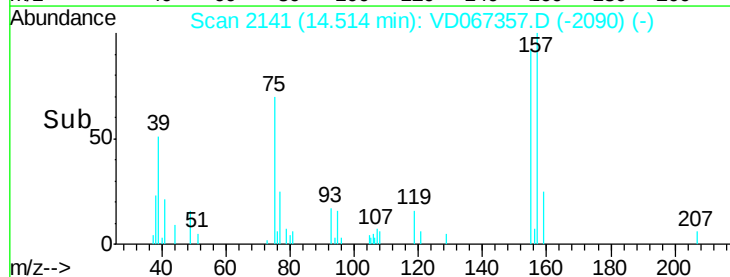
Abundance Ion 74.90 (74.60 to 75.60): V

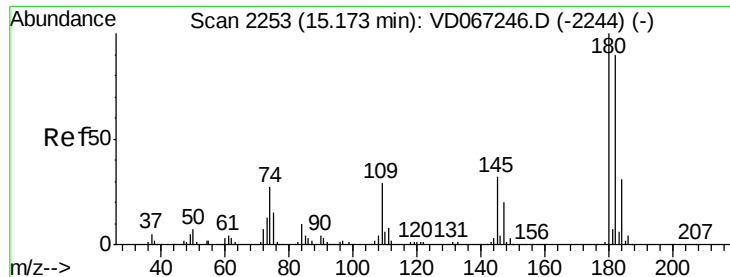
Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time--> 14.45 14.50 14.55

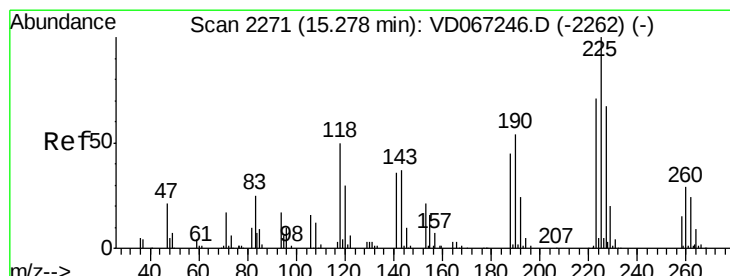
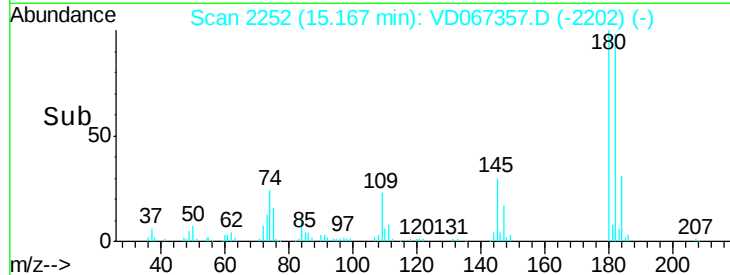
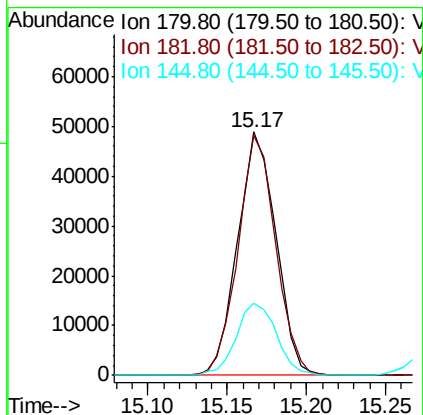
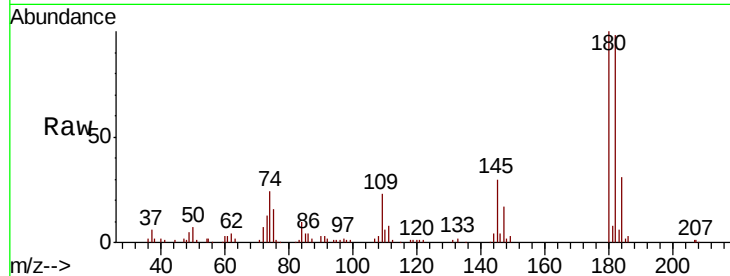




#93
 1,2,4-Trichlorobenzene
 Concen: 20.283 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

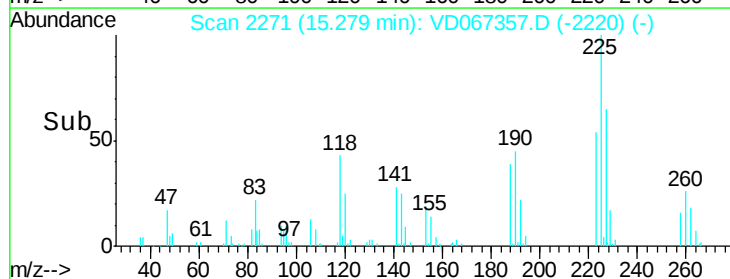
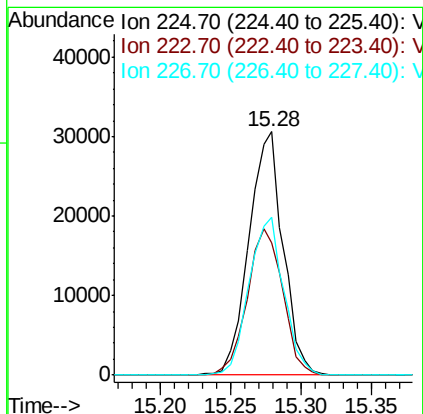
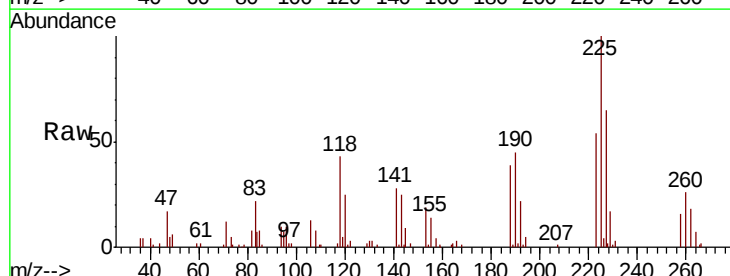
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1022SBS01

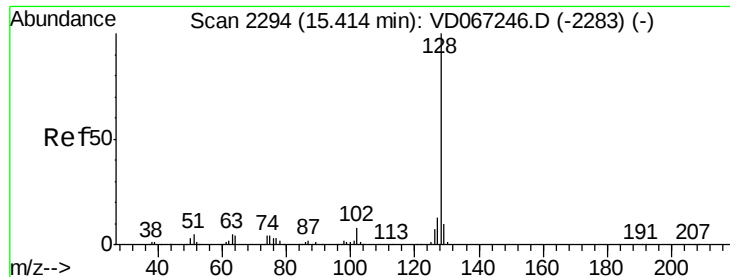
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.1	144.4
145	31.1	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 20.691 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VD067357.D
 Acq: 22 Oct 2020 12:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.9	95.7
227	66.0	31.2	93.6

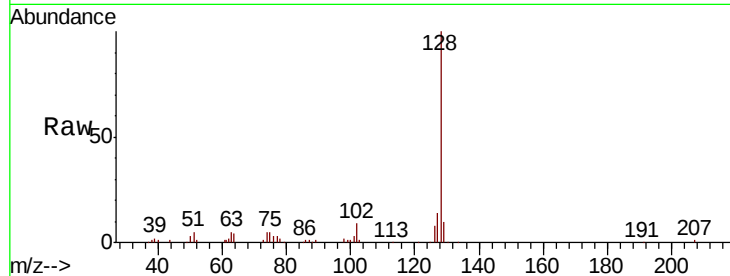




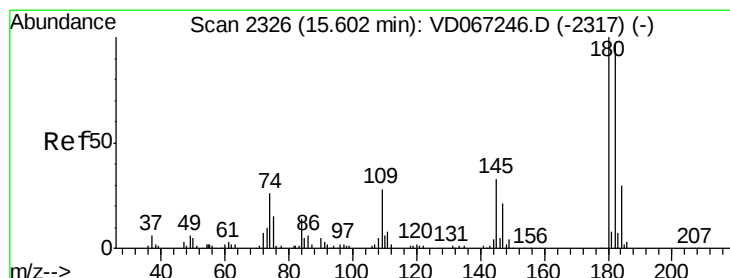
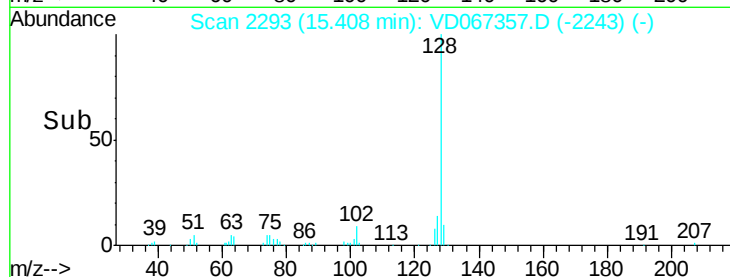
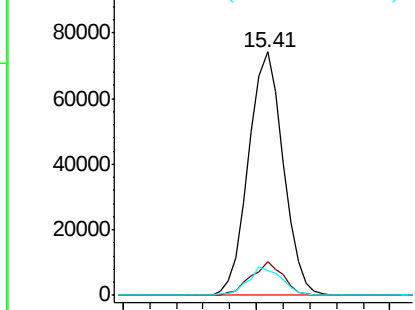
#95
Naphthalene
Concen: 20.069 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD1022SBSD01

Tot Ion:128 Resp: 133347
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.2 8.6 12.8

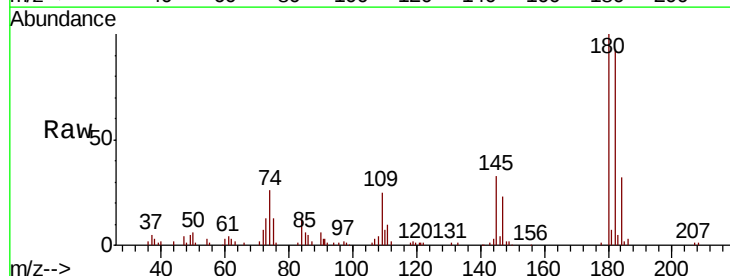


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.634 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067357.D
Acq: 22 Oct 2020 12:54

Tgt Ion:180 Resp: 72142
Ion Ratio Lower Upper
180 100
182 97.2 48.1 144.3
145 33.9 17.3 51.9



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

