

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067386.D
 Acq On : 26 Oct 2020 12:22
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Quant Time: Oct 27 00:50:42 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	7.99	168	310362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	461069	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	434276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220893	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	151161	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	7.92	113	156645	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	10.34	98	567512	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.64	95	199751	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	53390	18.693	ug/l	95
3) Chloromethane	2.21	50	37672	19.287	ug/l	100
4) Vinyl Chloride	2.35	62	40078	18.701	ug/l	96
5) Bromomethane	2.77	94	31770	19.888	ug/l	96
6) Chloroethane	2.93	64	25431	19.054	ug/l	92
7) Trichlorofluoromethane	3.27	101	111527	20.666	ug/l	85
8) Diethyl Ether	3.71	74	23903	19.356	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58824	20.516	ug/l	98
10) Methyl Iodide	4.30	142	51221	19.366	ug/l	98
11) Tert butyl alcohol	5.23	59	14819	56.349	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	52187	20.374	ug/l	96
13) Acrolein	3.92	56	8420	63.047	ug/l	100
14) Allyl chloride	4.72	41	55435	18.898	ug/l	96
15) Acrylonitrile	5.43	53	40836	99.105	ug/l	99
16) Acetone	4.16	43	41087	94.352	ug/l	91
17) Carbon Disulfide	4.41	76	137529	18.834	ug/l #	95
18) Methyl Acetate	4.72	43	18627	18.754	ug/l #	73
19) Methyl tert-butyl Ether	5.47	73	96635	18.973	ug/l	98
20) Methylene Chloride	4.97	84	59560	18.527	ug/l	93
21) trans-1,2-Dichloroethene	5.48	96	59525	20.194	ug/l	95
22) Diisopropyl ether	6.37	45	109990	20.526	ug/l	93
23) Vinyl Acetate	6.31	43	295932	97.072	ug/l	96
24) 1,1-Dichloroethane	6.27	63	95192	20.753	ug/l	97
25) 2-Butanone	7.21	43	47177	95.041	ug/l	97
26) 2,2-Dichloropropane	7.21	77	98287	20.789	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	65060	20.139	ug/l	99
28) Bromochloromethane	7.56	49	27890	17.826	ug/l	94
29) Tetrahydrofuran	7.57	42	25676	93.052	ug/l #	90
30) Chloroform	7.71	83	111283	20.309	ug/l	99
31) Cyclohexane	7.99	56	69553	19.421	ug/l #	87
32) 1,1,1-Trichloroethane	7.91	97	113215	21.058	ug/l	99
36) 1,1-Dichloropropene	8.12	75	78214	20.014	ug/l	98
37) Ethyl Acetate	7.30	43	22454	19.529	ug/l #	93
38) Carbon Tetrachloride	8.10	117	106928	21.409	ug/l	98

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Instrument :
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Quant Time: Oct 27 00:50:42 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	81231	19.883	ug/l	100
40) Benzene	8.36	78	223232	20.822	ug/l	100
41) Methacrylonitrile	7.53	41	11767	18.939	ug/l #	65
42) 1,2-Dichloroethane	8.43	62	65450	19.508	ug/l	98
43) Isopropyl Acetate	8.45	43	43007	18.851	ug/l	95
44) Trichloroethene	9.12	130	70063	20.411	ug/l	93
45) 1,2-Dichloropropane	9.39	63	49543	19.940	ug/l	92
46) Dibromomethane	9.48	93	30707	19.836	ug/l	97
47) Bromodichloromethane	9.67	83	88669	21.379	ug/l	98
48) Methyl methacrylate	9.46	41	21362	19.268	ug/l	99
49) 1,4-Dioxane	9.47	88	5871	372.851	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	108452	95.308	ug/l	99
52) Toluene	10.41	92	153995	21.090	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	72176	19.810	ug/l	94
54) cis-1,3-Dichloropropene	10.10	75	86680	20.328	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	43095	20.415	ug/l	94
56) Ethyl methacrylate	10.67	69	42491	19.408	ug/l	98
57) 1,3-Dichloropropane	10.95	76	68917	20.514	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	109883	97.838	ug/l	94
59) 2-Hexanone	10.99	43	72784	93.605	ug/l	99
60) Dibromochloromethane	11.14	129	65056	21.132	ug/l	99
61) 1,2-Dibromoethane	11.25	107	41361	19.874	ug/l	93
64) Tetrachloroethene	10.88	164	63632	20.223	ug/l	98
65) Chlorobenzene	11.67	112	172738	20.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	68678	20.750	ug/l	97
67) Ethyl Benzene	11.75	91	295886	20.727	ug/l	99
68) m/p-Xylenes	11.86	106	229847	41.812	ug/l	99
69) o-Xylene	12.18	106	103424	20.317	ug/l	99
70) Styrene	12.20	104	183031	20.887	ug/l	99
71) Bromoform	12.36	173	36334	20.434	ug/l #	99
73) Isopropylbenzene	12.48	105	298475	21.290	ug/l	99
74) N-amyl acetate	12.29	43	40389	19.075	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	42621	19.841	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	57057	37.268	ug/l #	100
77) Bromobenzene	12.77	156	73031	20.895	ug/l	99
78) n-propylbenzene	12.83	91	339182	20.882	ug/l	100
79) 2-Chlorotoluene	12.91	91	195145	20.717	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	260075	21.348	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13298	19.697	ug/l	99
82) 4-Chlorotoluene	13.01	91	208793	20.884	ug/l	99
83) tert-Butylbenzene	13.23	119	216698	21.057	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	254832	21.164	ug/l	98
85) sec-Butylbenzene	13.41	105	292741	20.731	ug/l	100
86) p-Isopropyltoluene	13.52	119	278467	20.893	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	142666	21.207	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	139333	20.905	ug/l	98
89) n-Butylbenzene	13.85	91	240390	20.502	ug/l	100
90) Hexachloroethane	14.11	117	48780	20.973	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	121112	20.608	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7407	18.980	ug/l	94

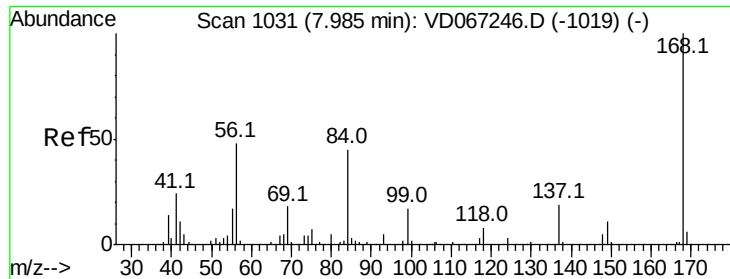
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102620\
Data File : VD067386.D
Acq On : 26 Oct 2020 12:22
Operator : VA/SY
Sample : VD1026SBS01
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Instrument :
MSVOA_D
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Quant Time: Oct 27 00:50:42 2020
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	82941	20.932	ug/l	99
94) Hexachlorobutadiene	15.27	225	50785	20.639	ug/l	97
95) Naphthalene	15.41	128	126471	19.440	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	72836	21.277	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

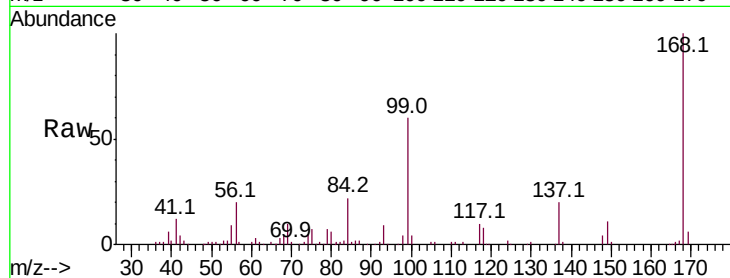
VD1026SBS01

Tot Ion:168 Resp: 310362

Ion Ratio Lower Upper

168 100

99 59.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

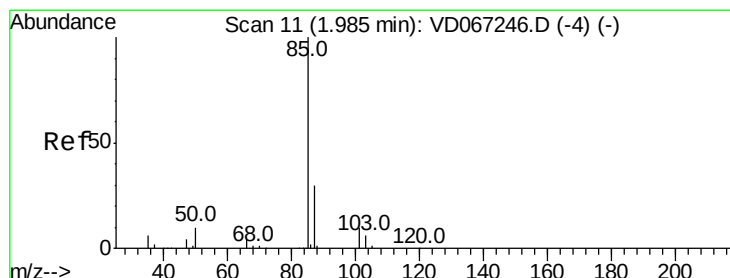
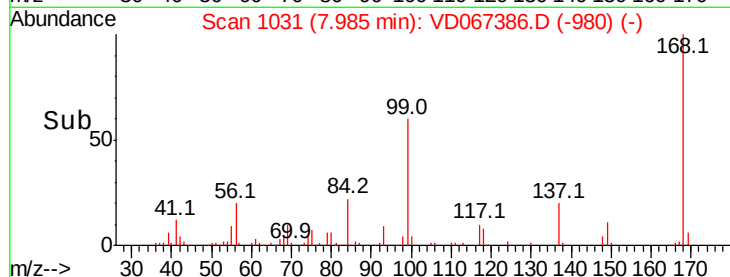
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.693 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067386.D

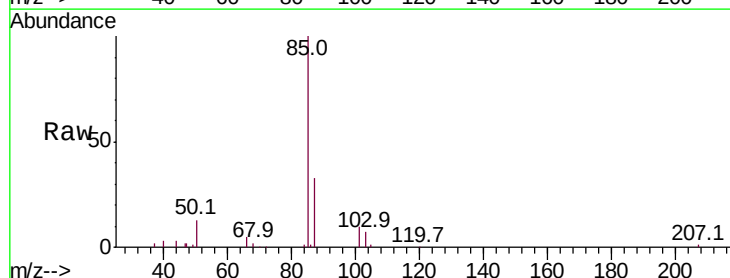
Acq: 26 Oct 2020 12:22

Tgt Ion: 85 Resp: 53390

Ion Ratio Lower Upper

85 100

87 33.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

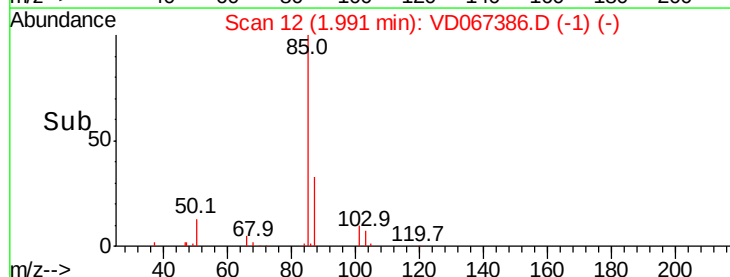
30000

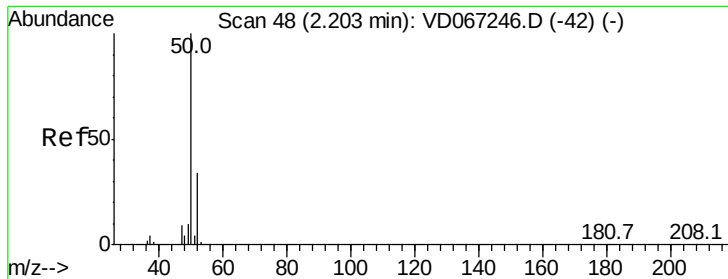
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.287 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

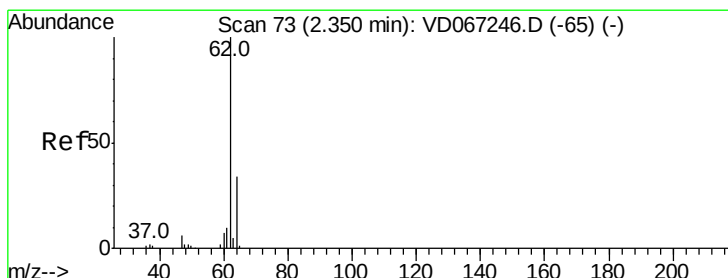
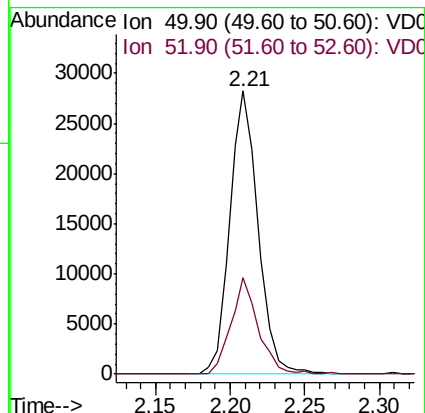
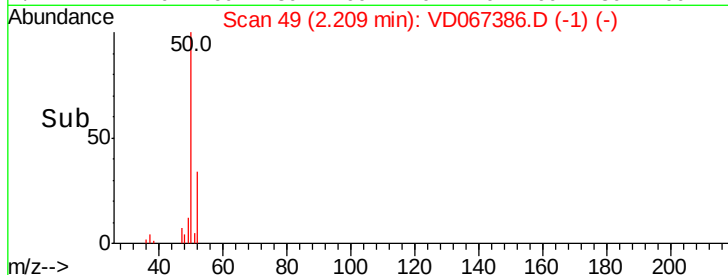
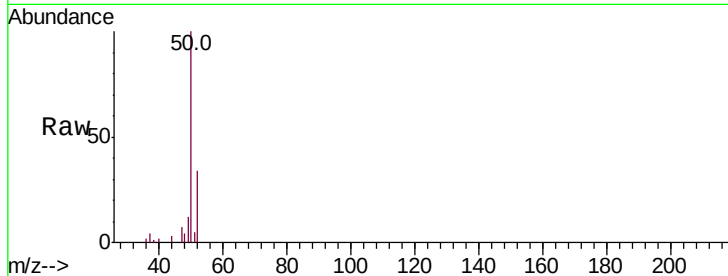
VD1026SBS01

Tot Ion: 50 Resp: 37672

Ion Ratio Lower Upper

50 100

52 34.1 27.1 40.7



#4

Vinyl Chloride

Concen: 18.701 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067386.D

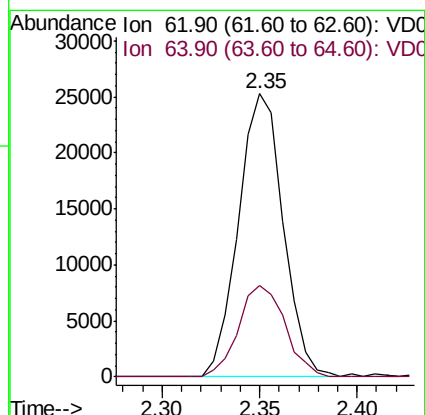
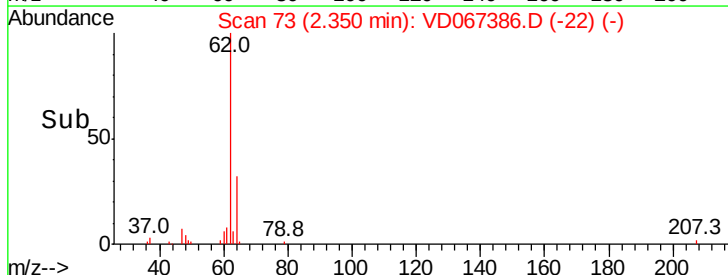
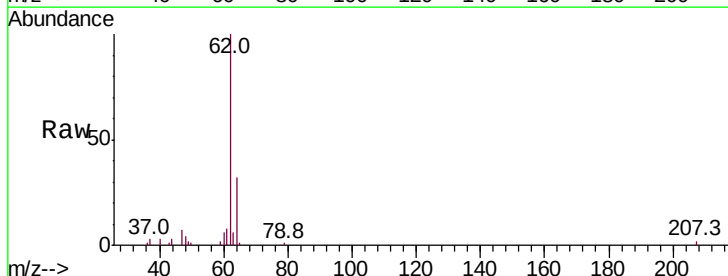
Acq: 26 Oct 2020 12:22

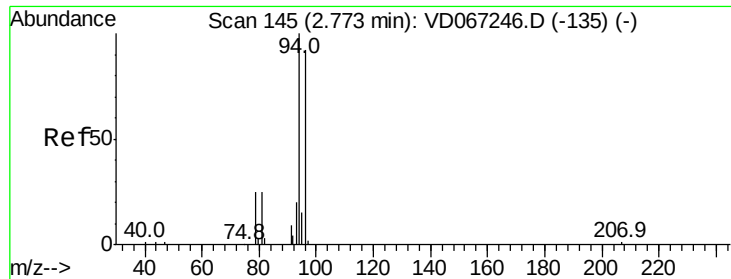
Tgt Ion: 62 Resp: 40078

Ion Ratio Lower Upper

62 100

64 32.1 27.4 41.0





#5

Bromomethane

Concen: 19.888 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

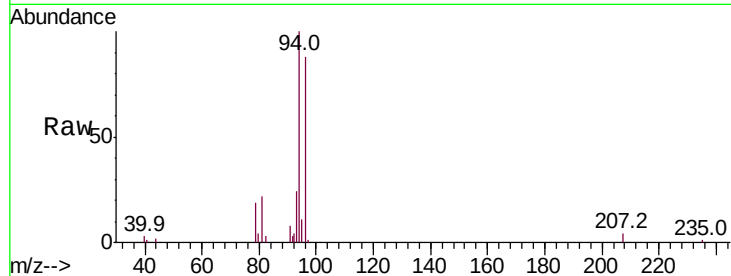
VD1026SBS01

Tot Ion: 94 Resp: 31770

Ion Ratio Lower Upper

94 100

96 88.5 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

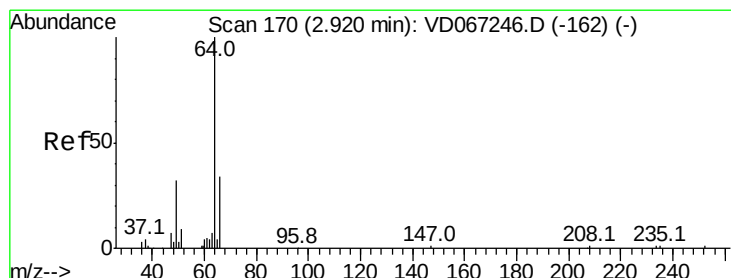
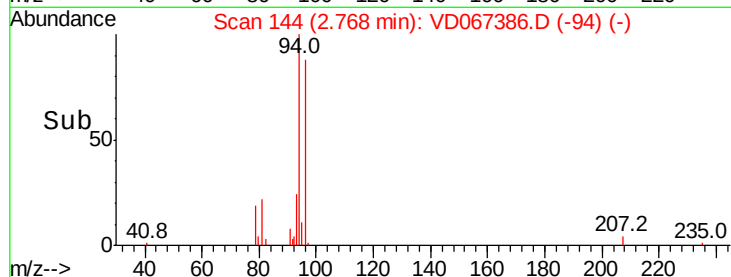
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.054 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067386.D

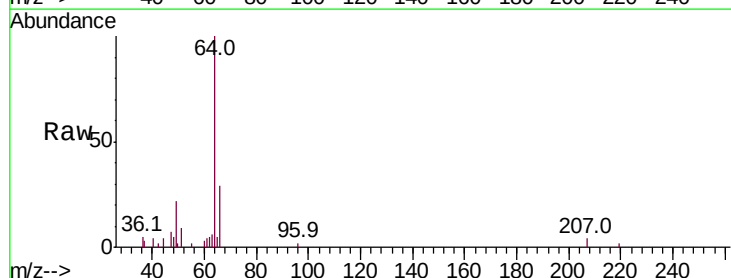
Acq: 26 Oct 2020 12:22

Tgt Ion: 64 Resp: 25431

Ion Ratio Lower Upper

64 100

66 29.5 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

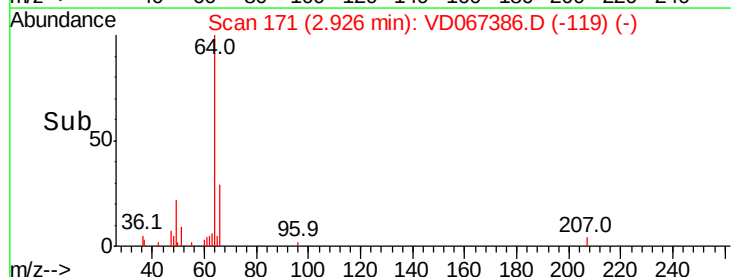
Ion 65.90 (65.60 to 66.60): VDC

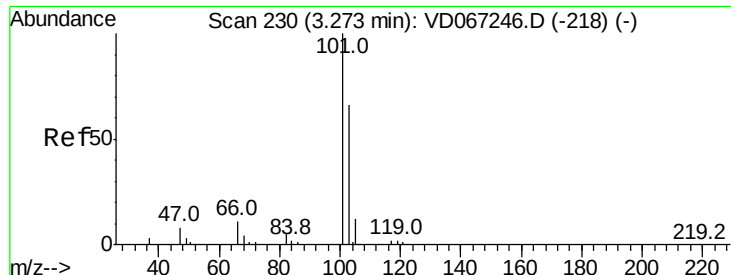
10000

5000

0

Time-->





#7

Trichlorofluoromethane

Concen: 20.666 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

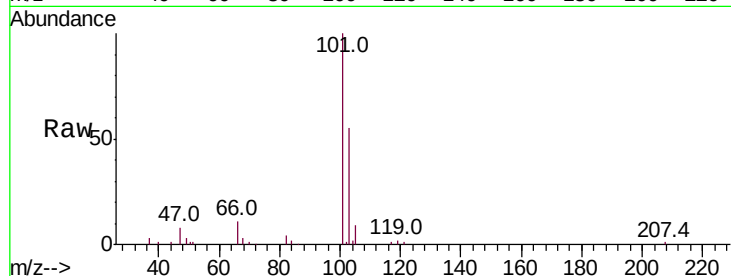
VD1026SBS01

Tot Ion:101 Resp: 111527

Ion Ratio Lower Upper

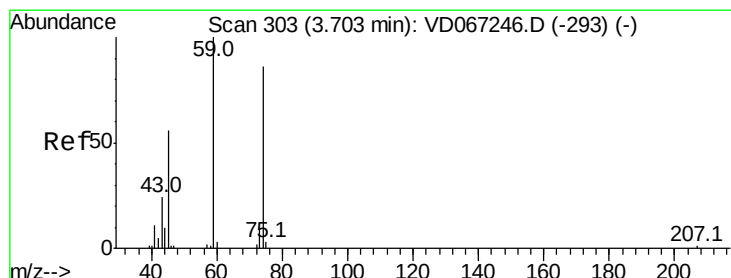
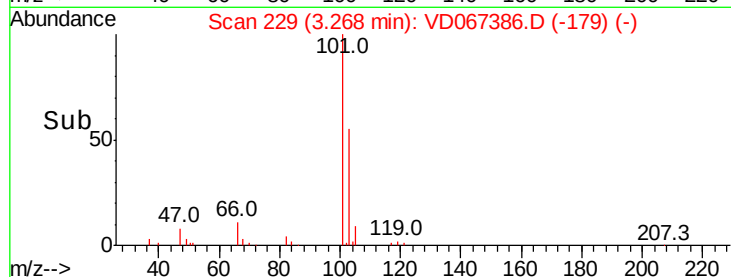
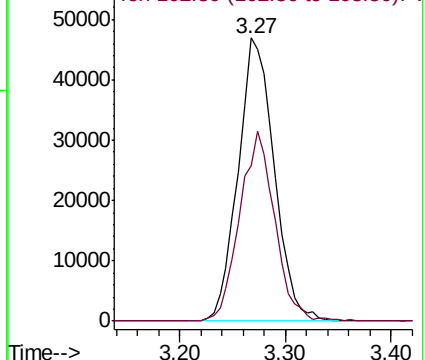
101 100

103 54.8 53.1 79.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.356 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.01 min

Lab File: VD067386.D

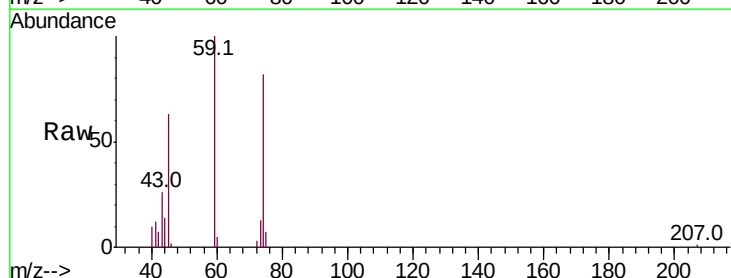
Acq: 26 Oct 2020 12:22

Tgt Ion: 74 Resp: 23903

Ion Ratio Lower Upper

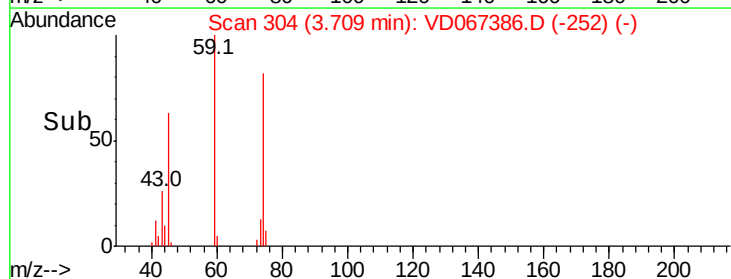
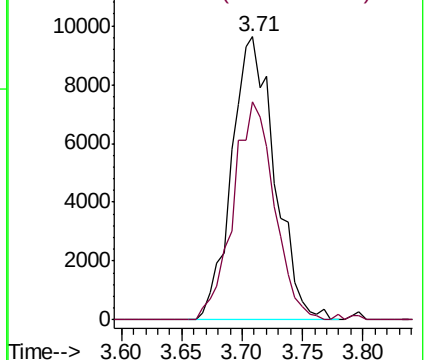
74 100

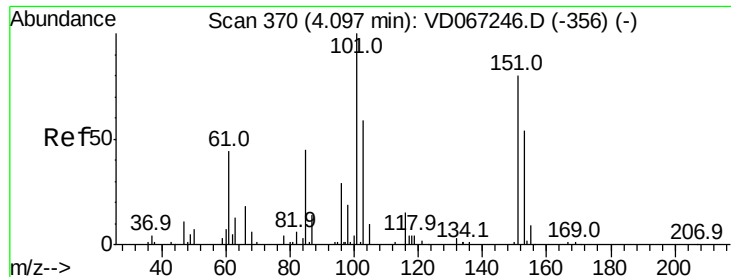
45 73.7 37.0 111.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.516 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

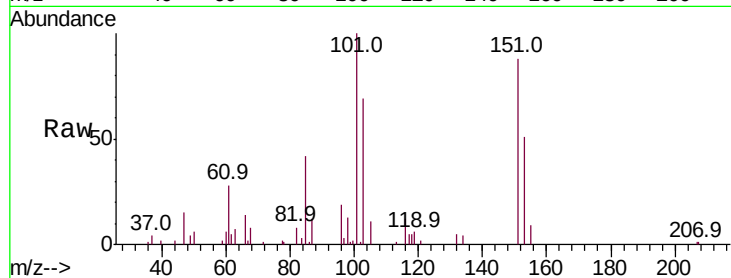
Tot Ion:101 Resp: 58824

Ion Ratio Lower Upper

101 100

85 41.9 34.2 51.4

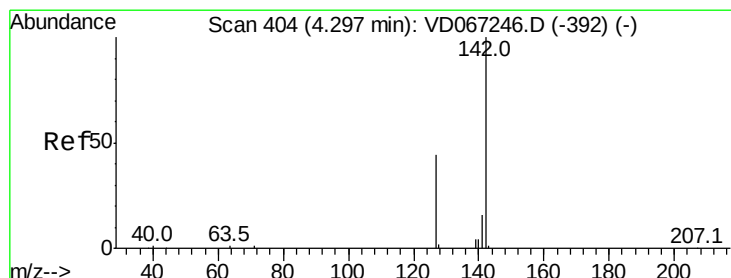
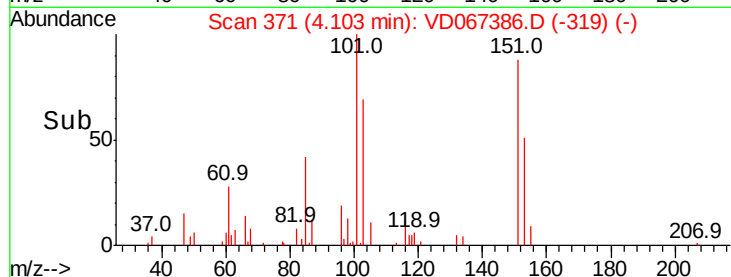
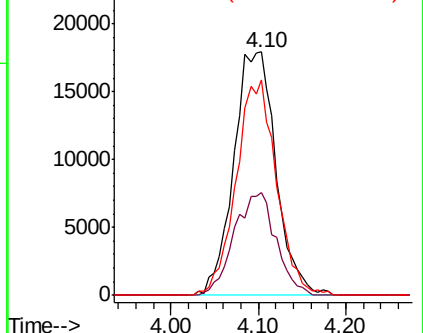
151 84.4 66.3 99.5



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: 19.366 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

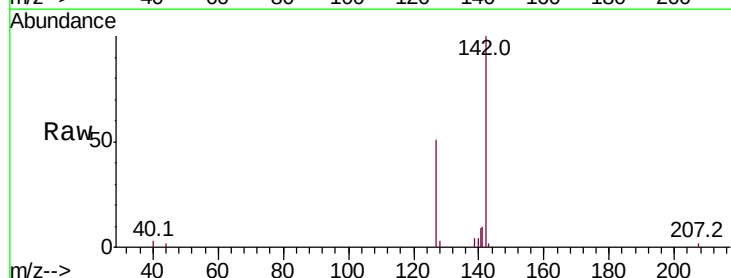
Tgt Ion:142 Resp: 51221

Ion Ratio Lower Upper

142 100

127 49.7 38.4 57.6

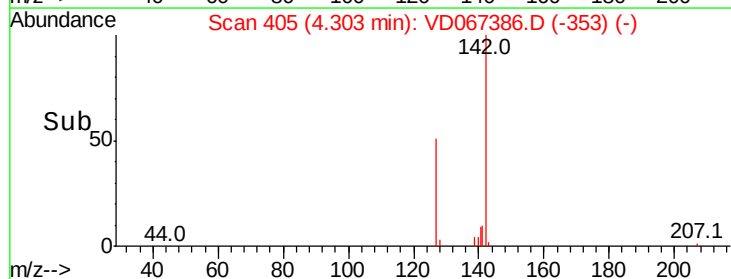
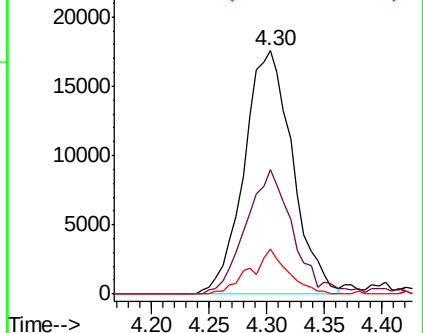
141 14.4 11.6 17.4

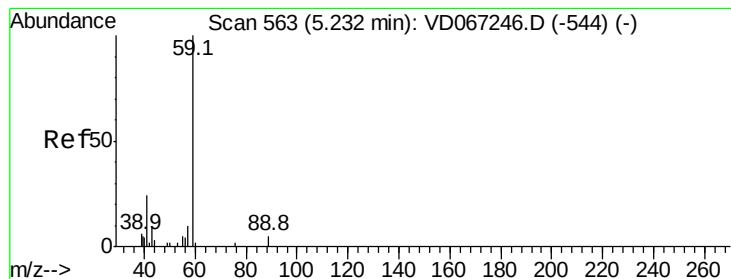


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 56.349 ug/l

RT: 5.23 min Scan# 562

Delta R.T. -0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

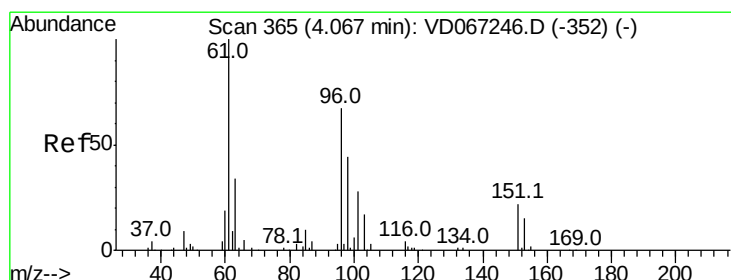
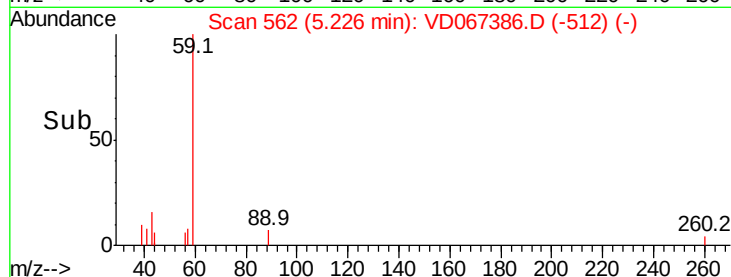
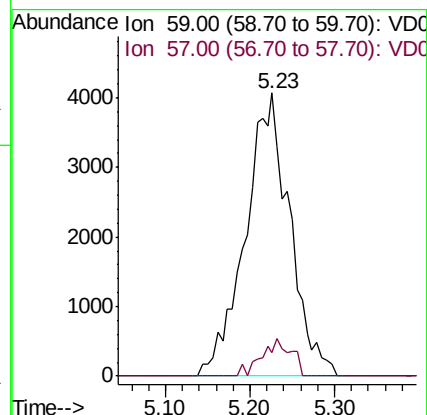
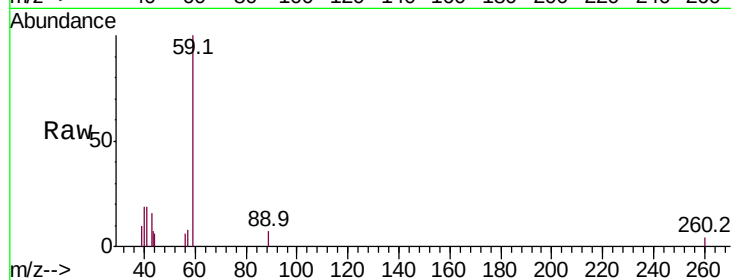
VD1026SBS01

Tot Ion: 59 Resp: 14819

Ion Ratio Lower Upper

59 100

57 8.8 5.1 7.7#



#12

1,1-Dichloroethene

Concen: 20.374 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

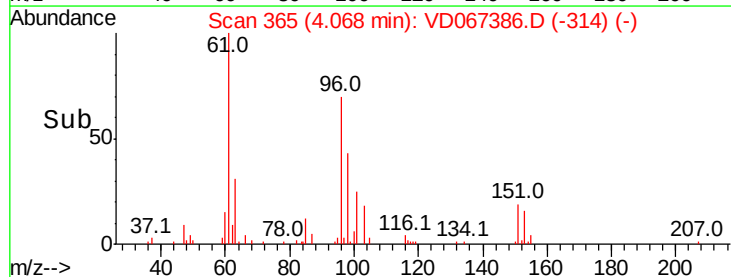
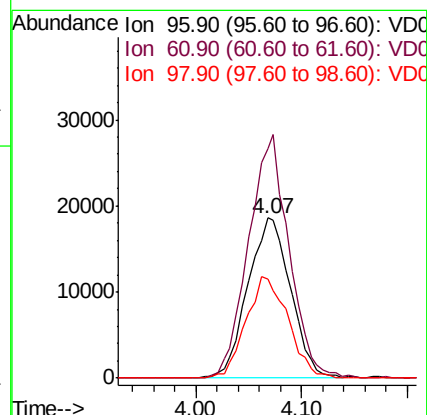
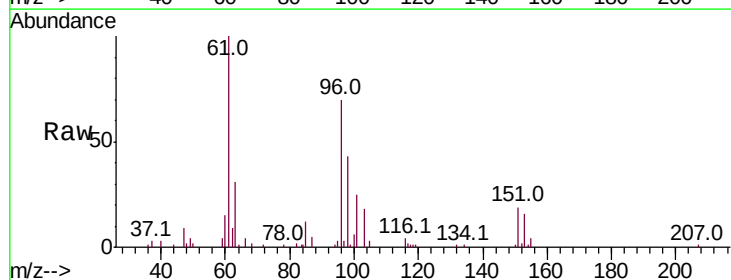
Tgt Ion: 96 Resp: 52187

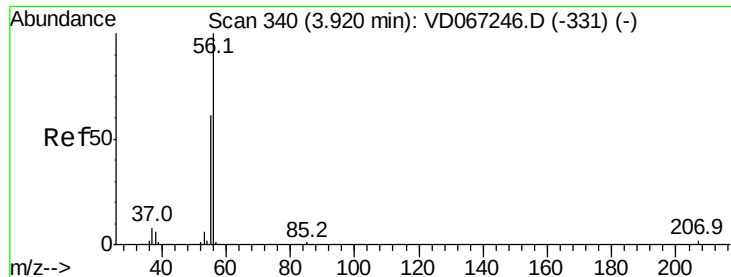
Ion Ratio Lower Upper

96 100

61 143.1 118.6 177.8

98 62.0 51.8 77.6





#13

Acrolein

Concen: 63.047 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

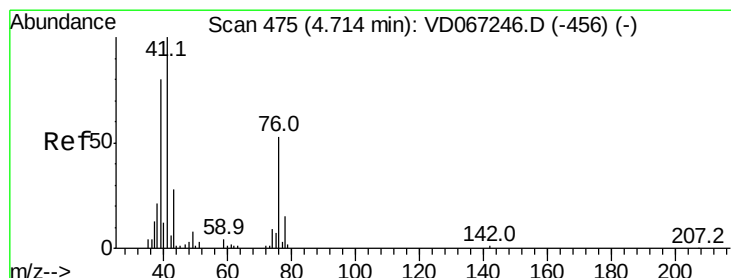
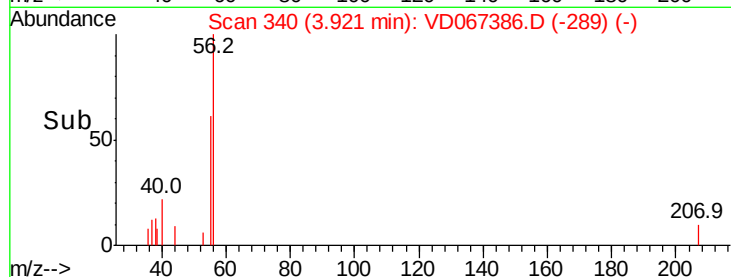
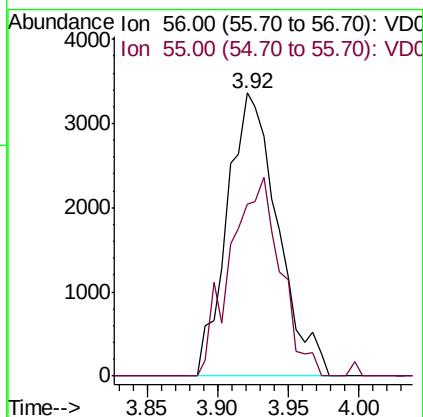
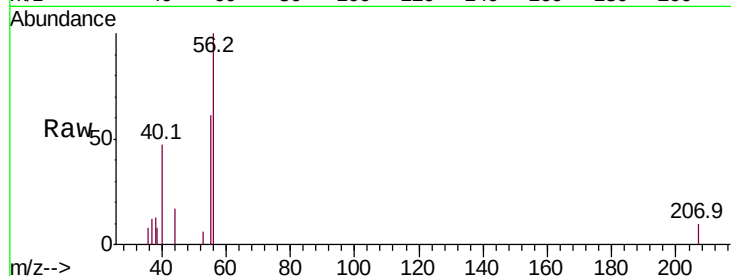
VD1026SBS01

Tot Ion: 56 Resp: 8420

Ion Ratio Lower Upper

56 100

55 69.8 56.0 84.0



#14

Allyl chloride

Concen: 18.898 ug/l

RT: 4.72 min Scan# 476

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

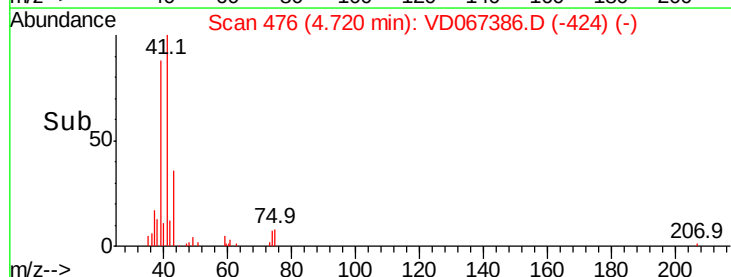
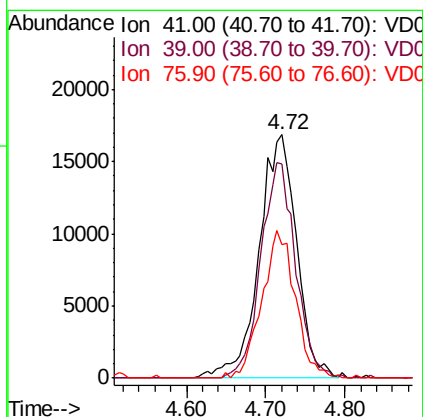
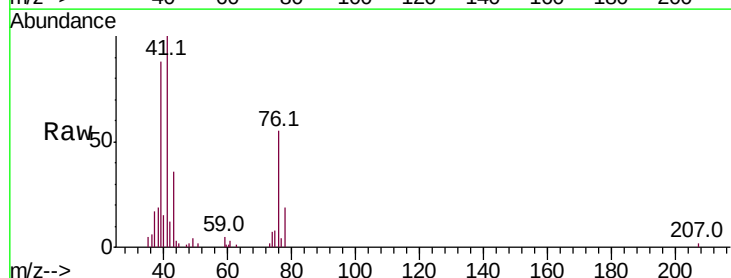
Tgt Ion: 41 Resp: 55435

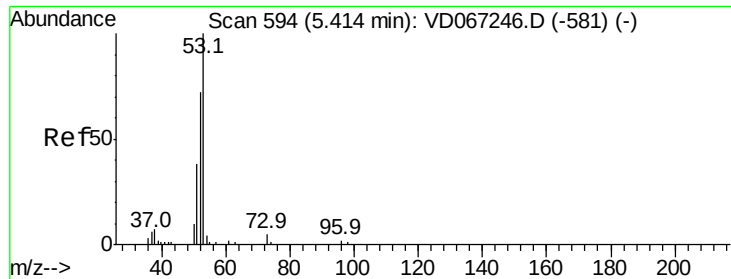
Ion Ratio Lower Upper

41 100

39 82.2 63.8 95.6

76 54.3 40.4 60.6





#15

Acrylonitrile

Concen: 99.105 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

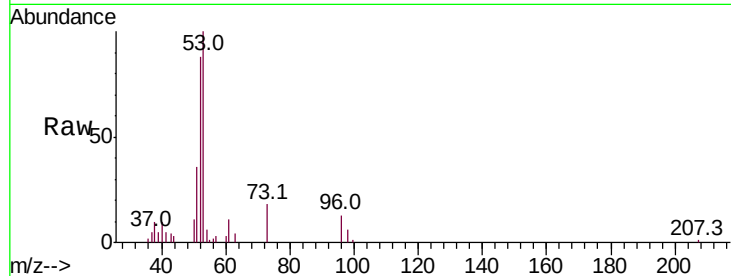
Tot Ion: 53 Resp: 40836

Ion Ratio Lower Upper

53 100

52 81.9 65.6 98.4

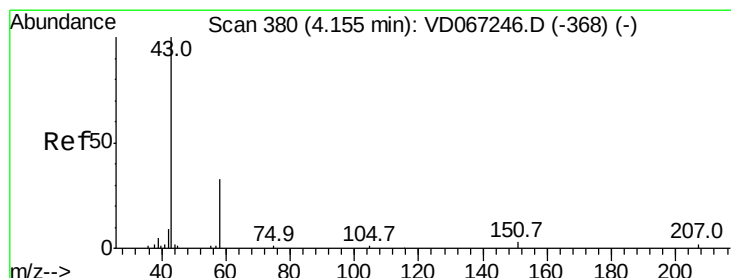
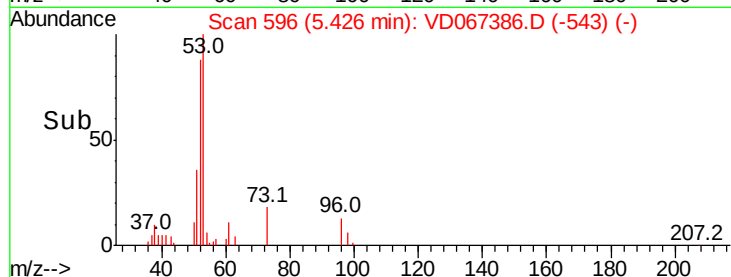
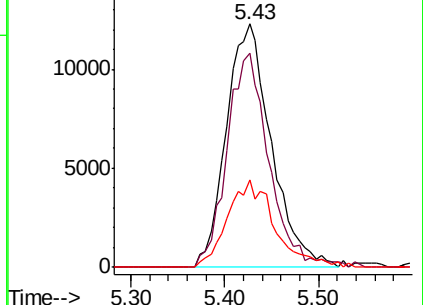
51 37.7 30.8 46.2



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: 94.352 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067386.D

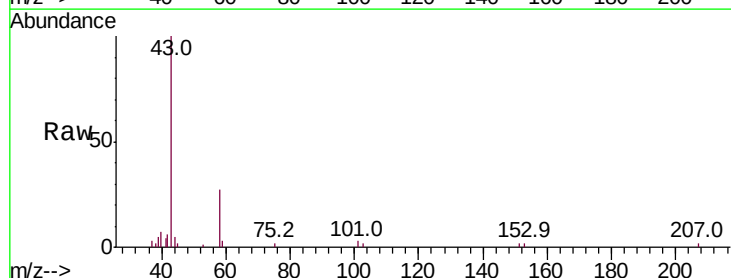
Acq: 26 Oct 2020 12:22

Tgt Ion: 43 Resp: 41087

Ion Ratio Lower Upper

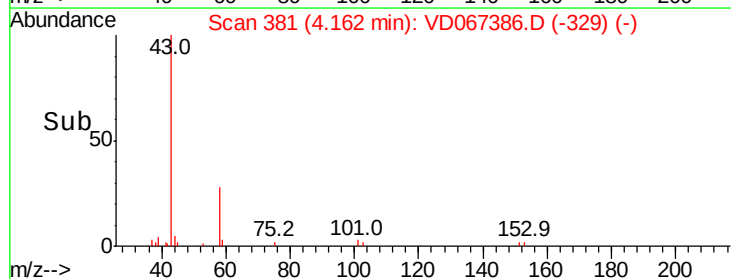
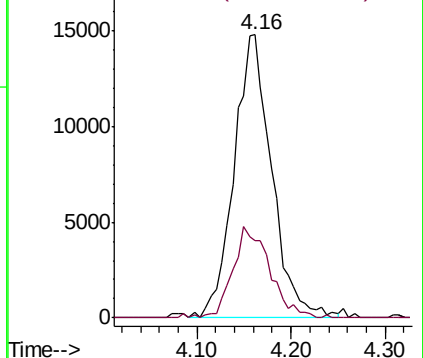
43 100

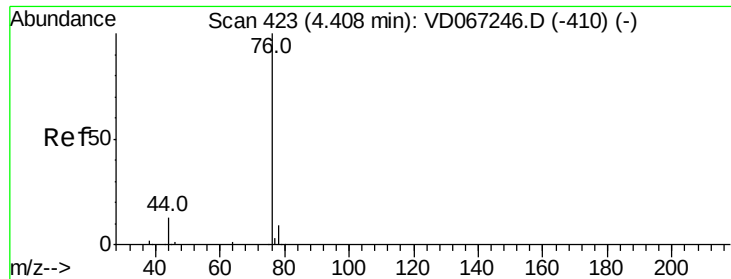
58 27.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

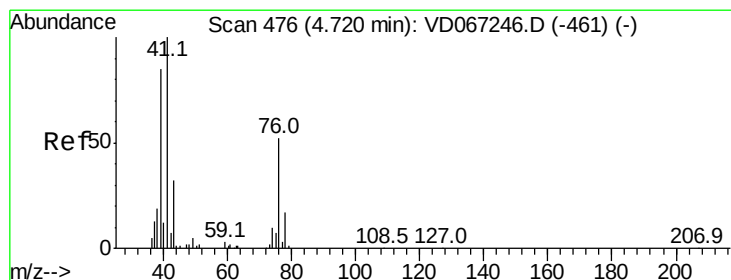
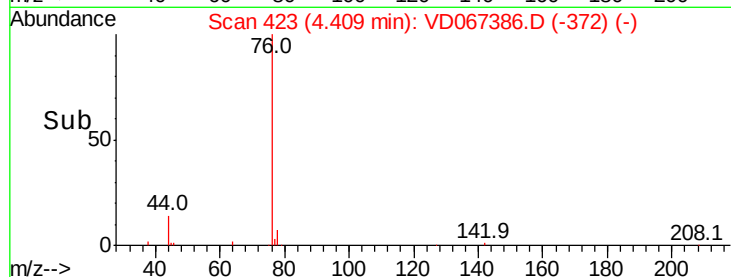
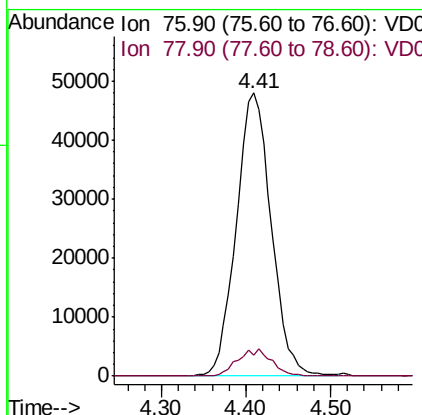
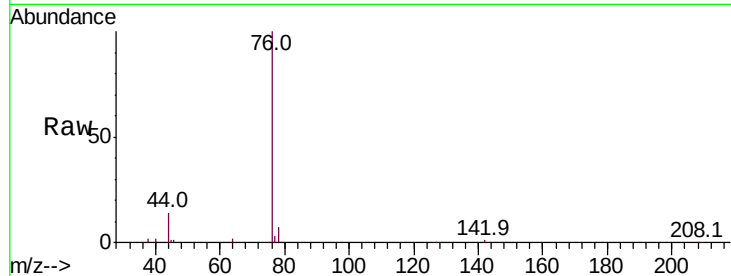




#17
Carbon Disulfide
Concen: 18.834 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

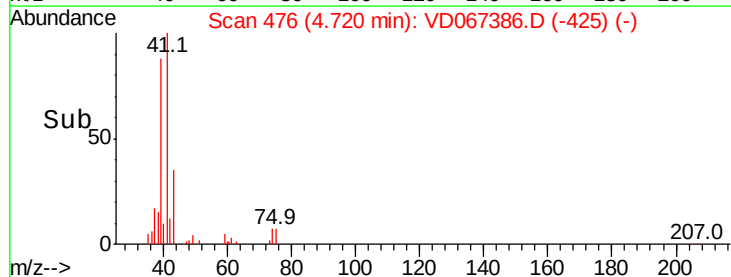
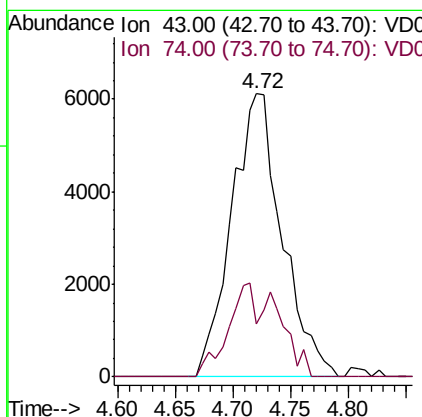
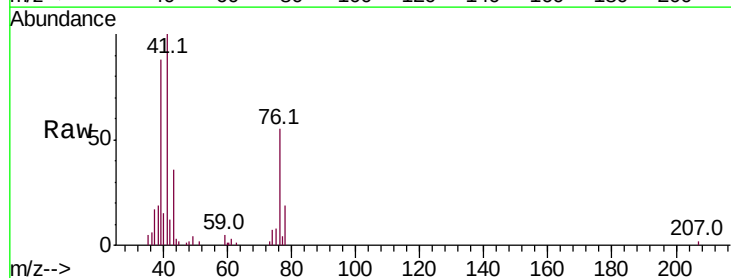
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

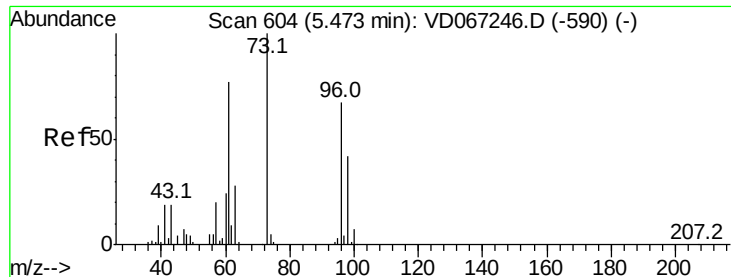
Tot Ion: 76 Resp: 137529
Ion Ratio Lower Upper
76 100
78 7.3 7.4 11.0#



#18
Methyl Acetate
Concen: 18.754 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 43 Resp: 18627
Ion Ratio Lower Upper
43 100
74 18.1 26.6 39.8#

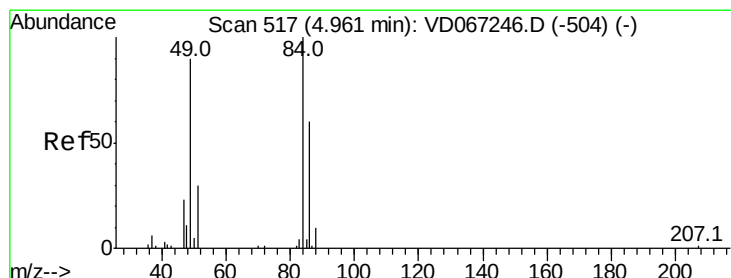
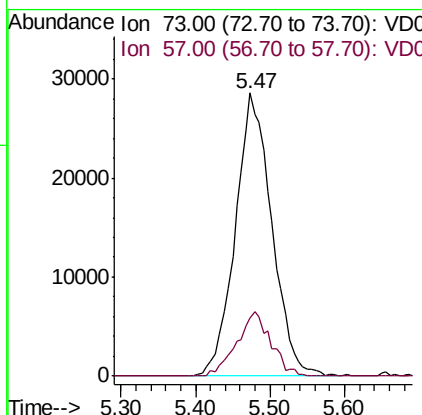
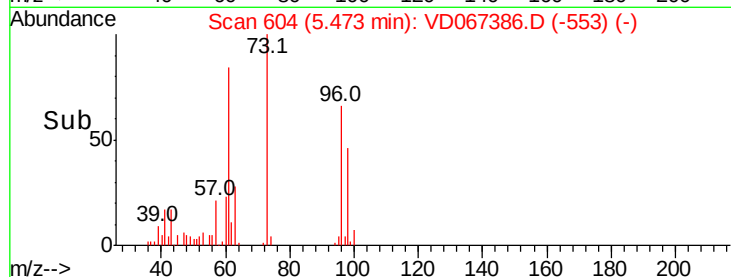
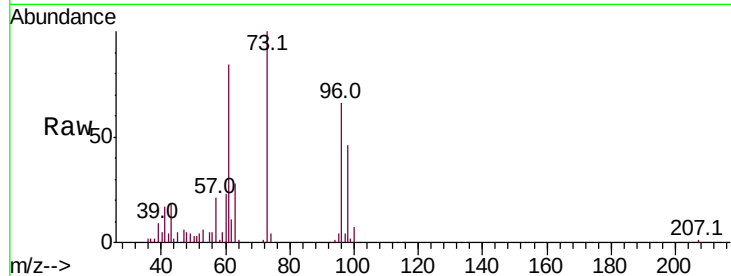




#19
Methyl tert-butyl Ether
Concen: 18.973 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

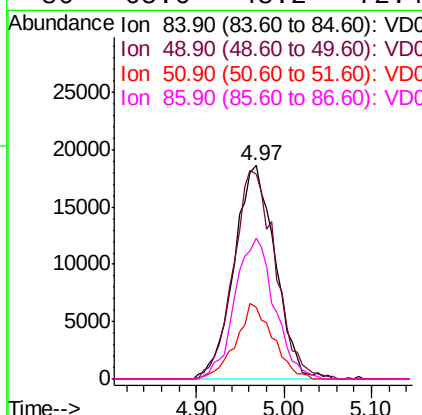
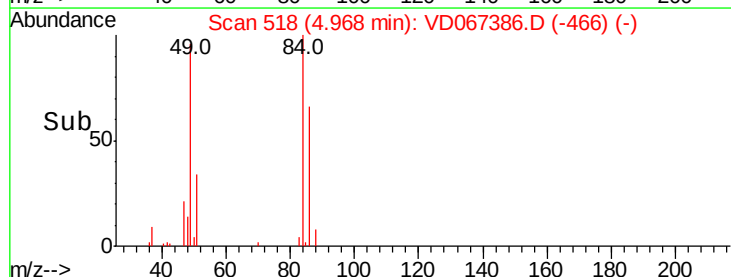
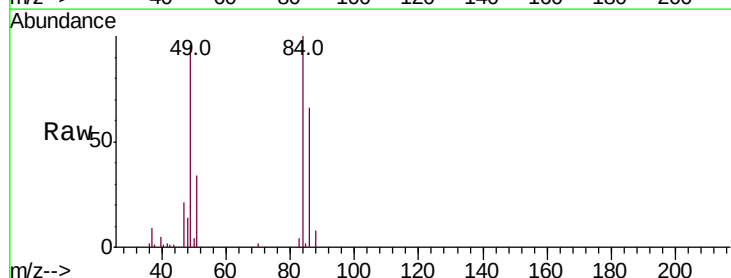
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

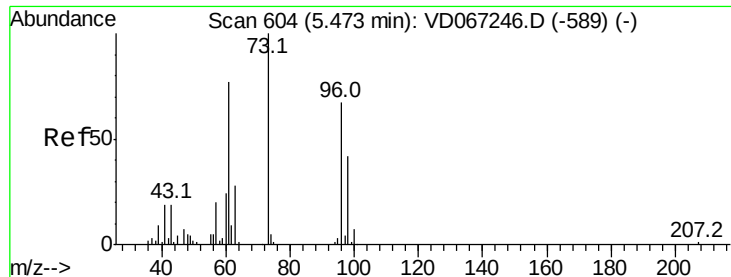
Tot Ion: 73 Resp: 96635
Ion Ratio Lower Upper
73 100
57 20.7 15.7 23.5



#20
Methylene Chloride
Concen: 18.527 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 84 Resp: 59560
Ion Ratio Lower Upper
84 100
49 96.0 72.2 108.2
51 33.9 23.8 35.8
86 65.6 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.194 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

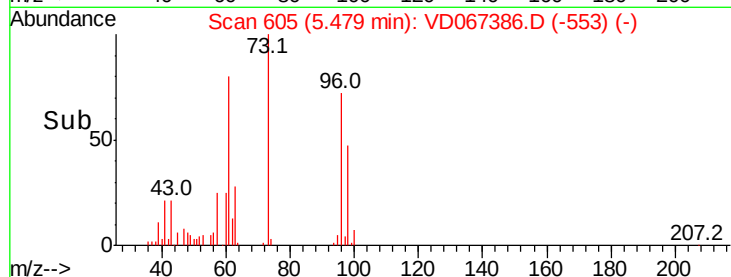
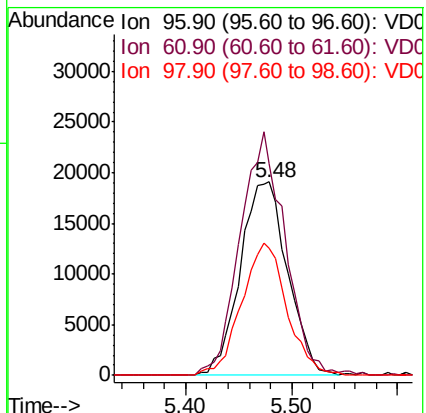
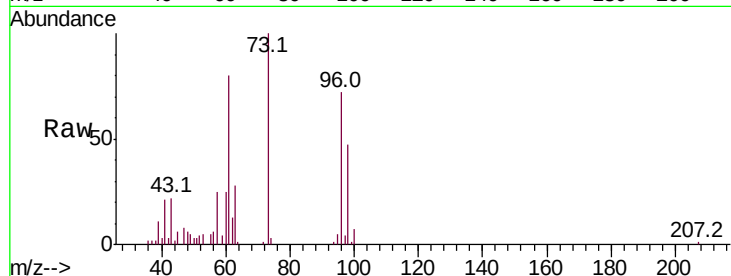
Tot Ion: 96 Resp: 59525

Ion Ratio Lower Upper

96 100

61 109.9 92.0 138.0

98 65.5 49.8 74.8



#22

Diisopropyl ether

Concen: 20.526 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Tgt Ion: 45 Resp: 109990

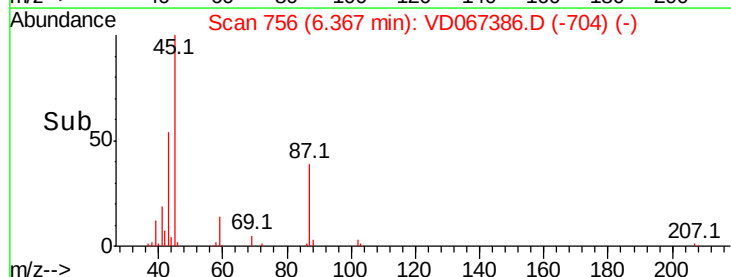
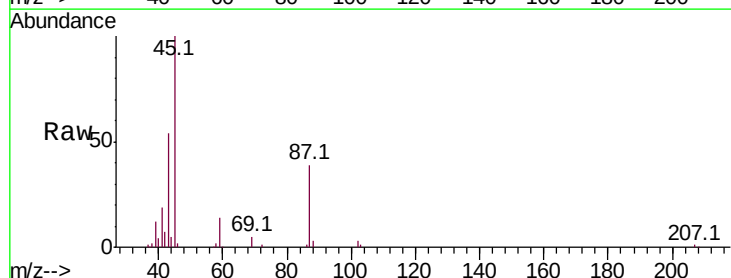
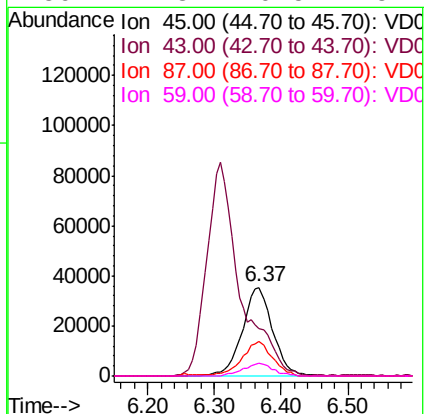
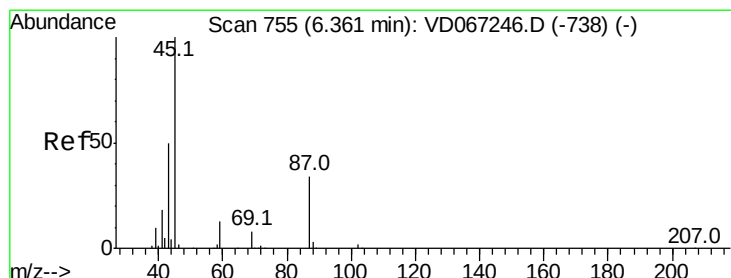
Ion Ratio Lower Upper

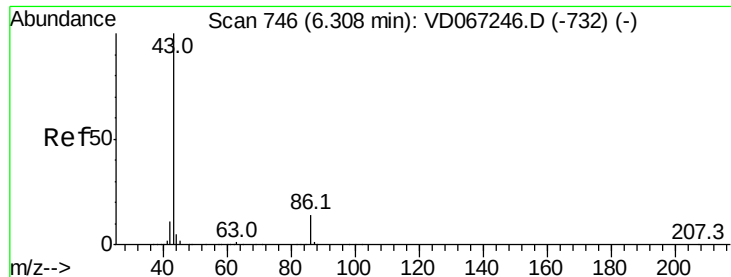
45 100

43 53.3 48.0 72.0

87 38.5 28.5 42.7

59 14.3 10.5 15.7





#23

Vinyl Acetate

Concen: 97.072 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

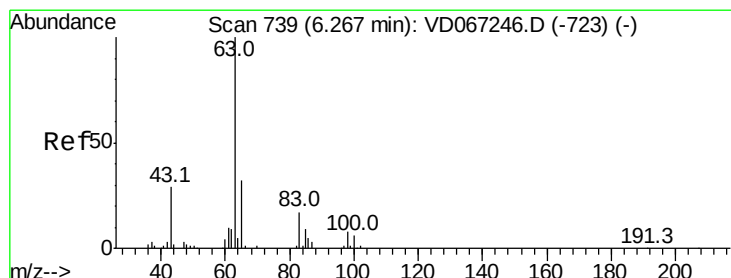
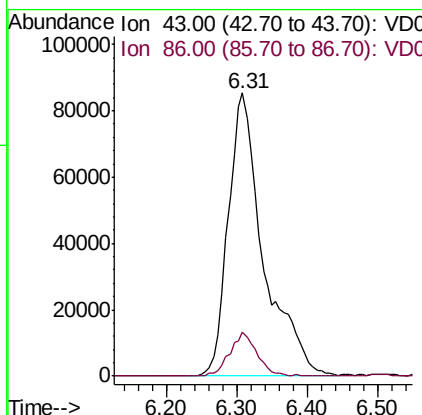
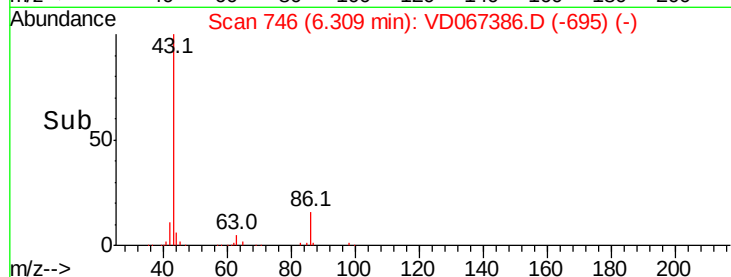
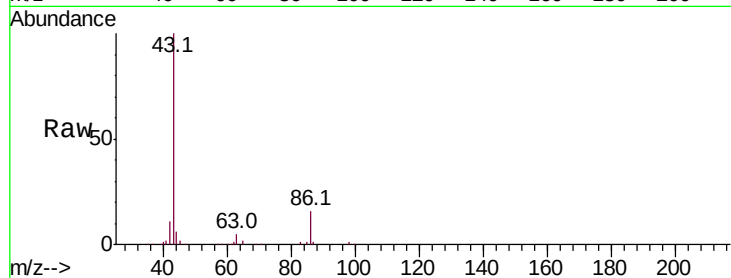
VD1026SBS01

Tot Ion: 43 Resp: 295932

Ion Ratio Lower Upper

43 100

86 15.6 11.0 16.6



#24

1,1-Dichloroethane

Concen: 20.753 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

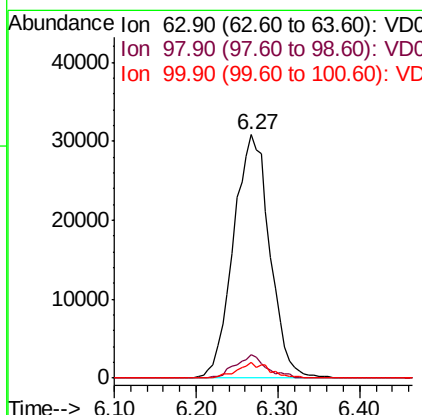
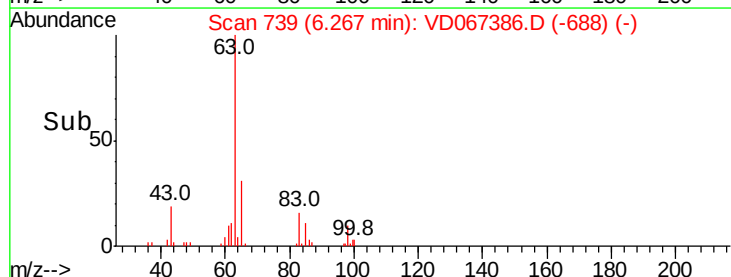
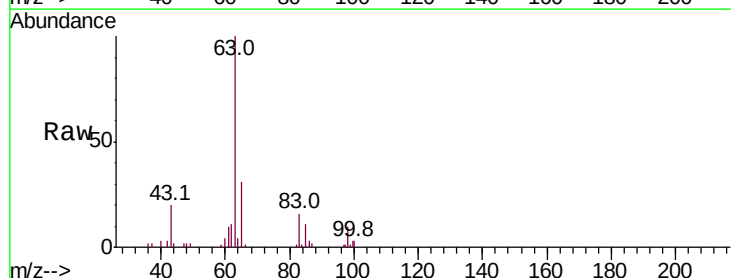
Tgt Ion: 63 Resp: 95192

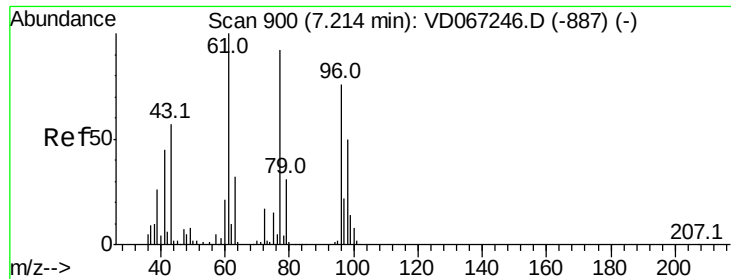
Ion Ratio Lower Upper

63 100

98 9.6 4.0 12.2

100 6.4 2.8 8.4

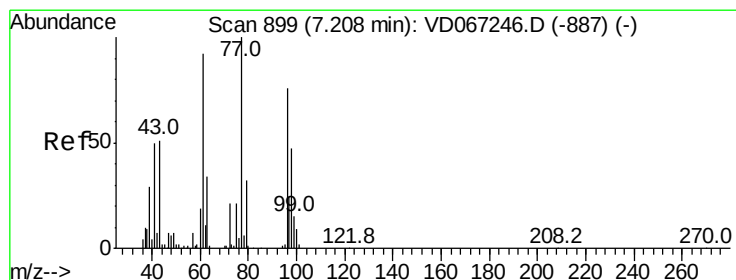
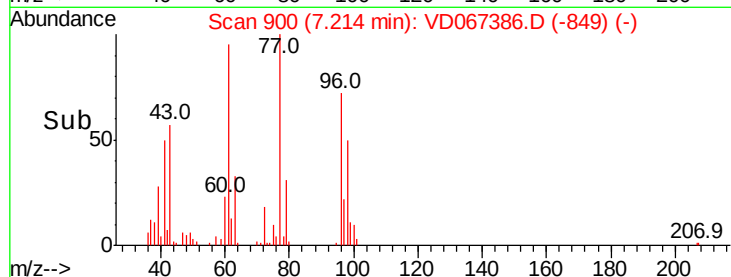
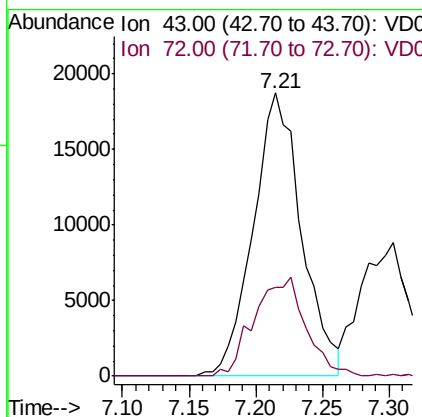
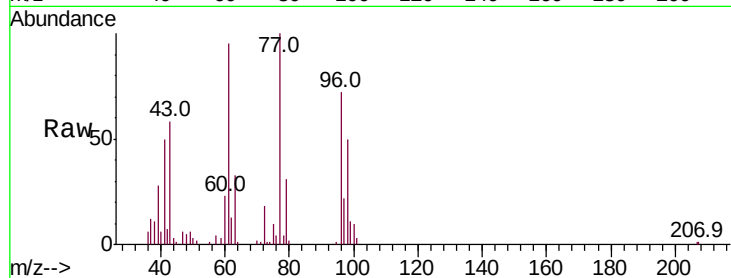




#25
 2-Butanone
 Concen: 95.041 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

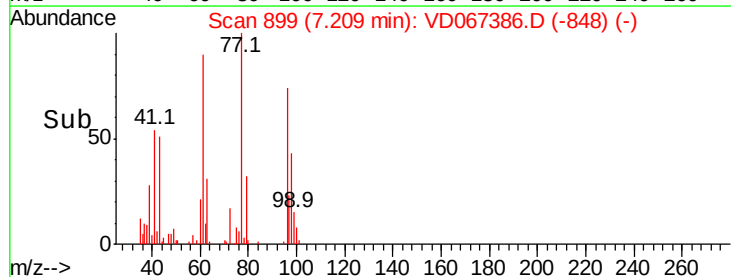
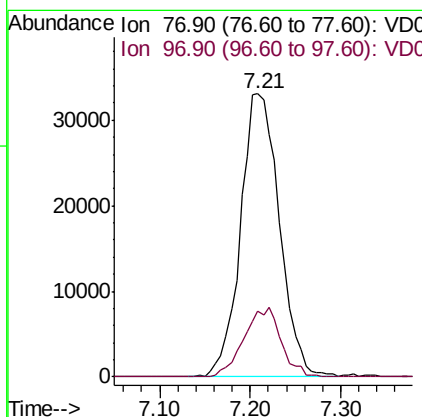
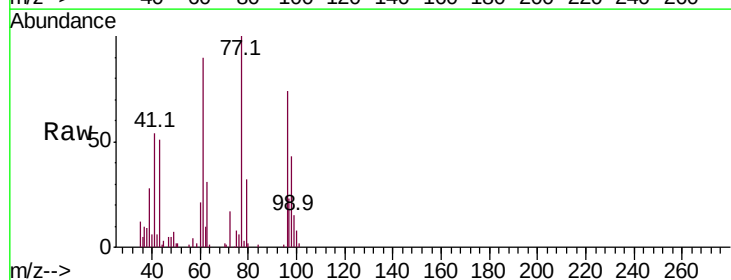
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

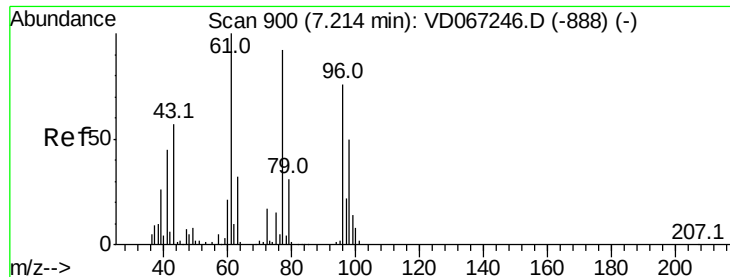
Tot Ion: 43 Resp: 47177
 Ion Ratio Lower Upper
 43 100
 72 31.3 23.7 35.5



#26
 2,2-Dichloropropane
 Concen: 20.789 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion: 77 Resp: 98287
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.4 34.2



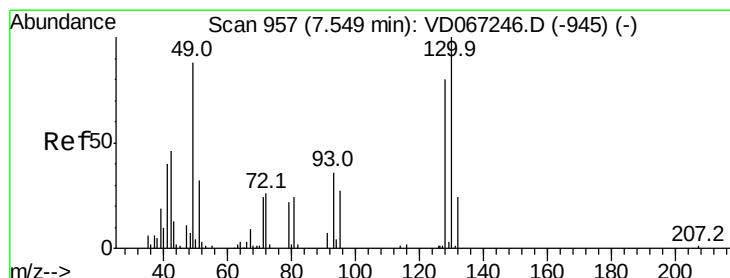
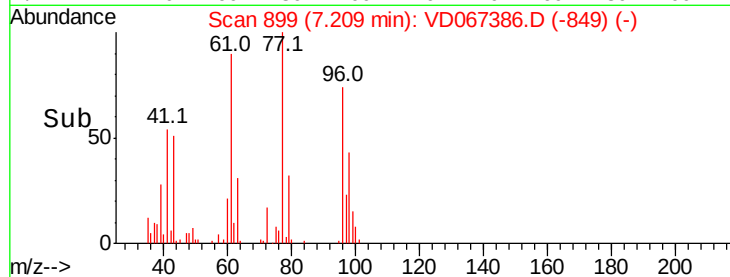
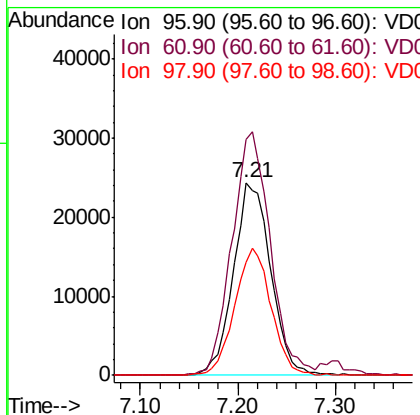
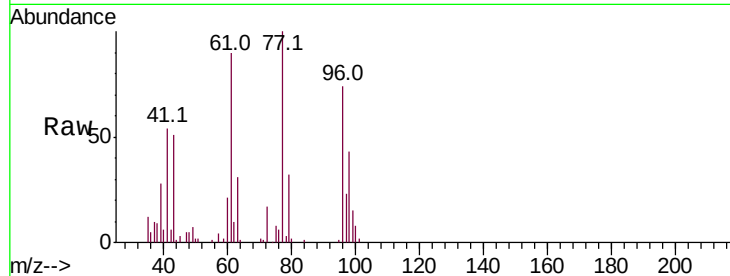


#27

cis-1,2-Dichloroethene
 Concen: 20.139 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

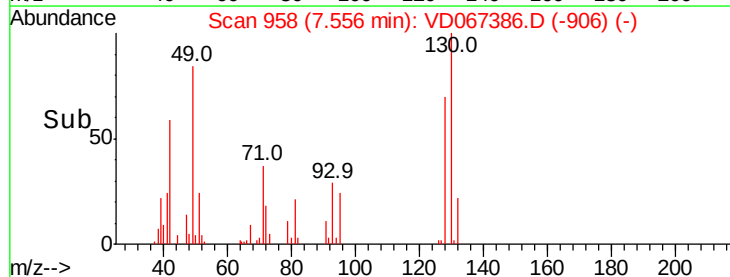
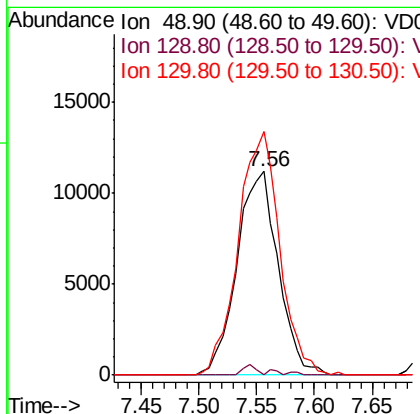
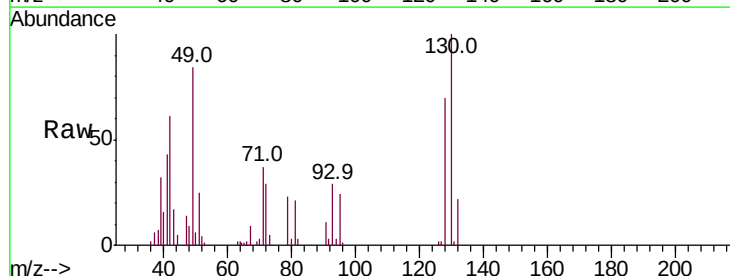
Tot Ion	96	Resp	65060
Ion	Ratio	Lower	Upper
96	100		
61	129.5	0.0	255.4
98	64.2	0.0	128.0

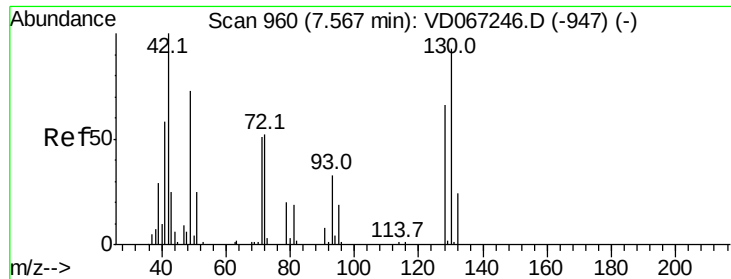


#28

Bromochloromethane
 Concen: 17.826 ug/l
 RT: 7.56 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion	49	Resp	27890
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.6
130	120.2	91.0	136.6

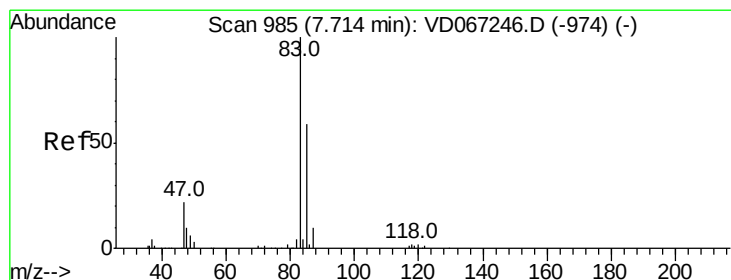
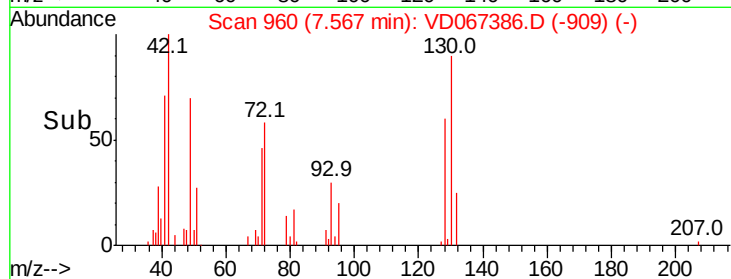
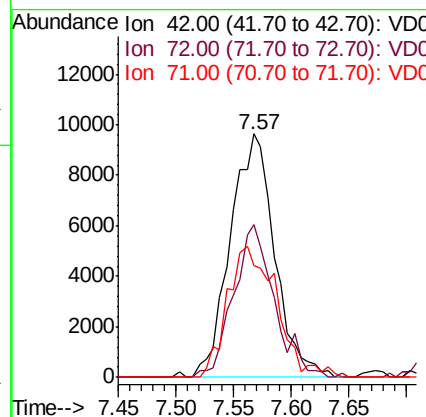
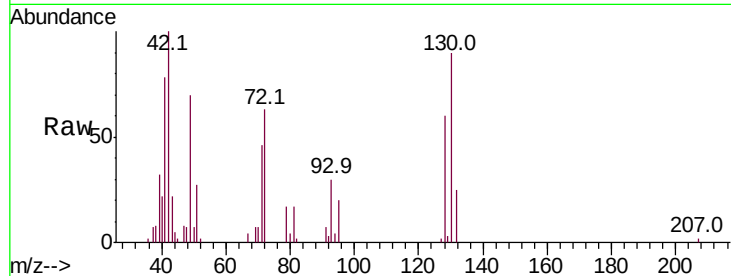




#29
Tetrahydrofuran
Concen: 93.052 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

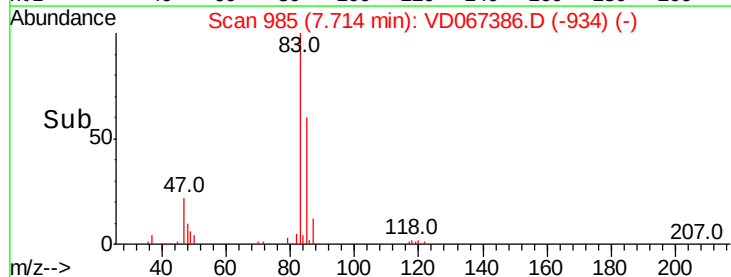
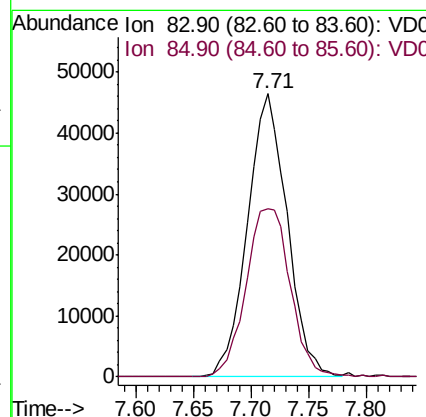
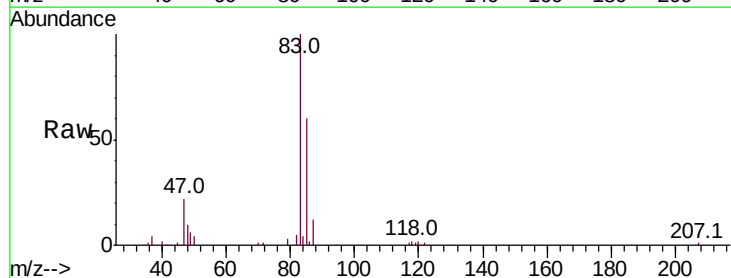
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

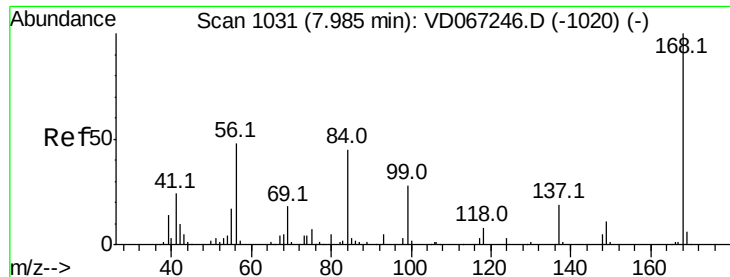
Tot Ion: 42 Resp: 25676
Ion Ratio Lower Upper
42 100
72 57.8 43.2 64.8
71 59.5 39.4 59.0#



#30
Chloroform
Concen: 20.309 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 83 Resp: 111283
Ion Ratio Lower Upper
83 100
85 59.5 47.3 70.9

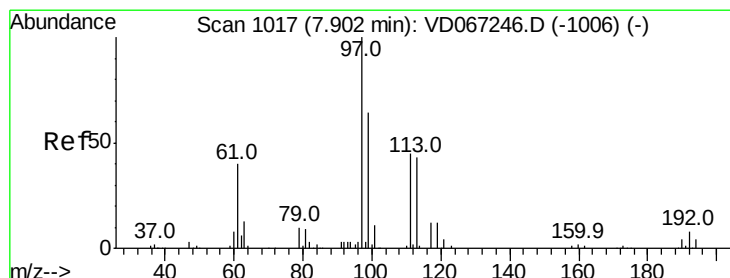
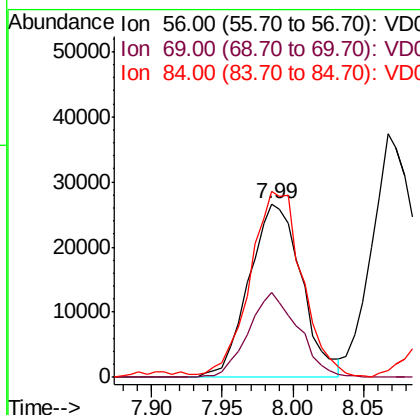
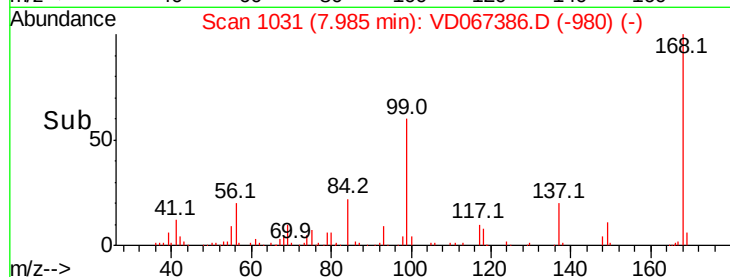
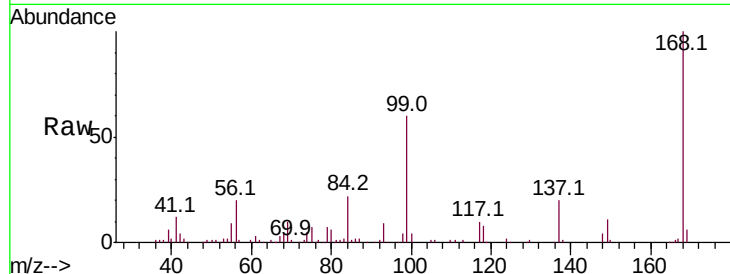




#31
Cyclohexane
Concen: 19.421 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

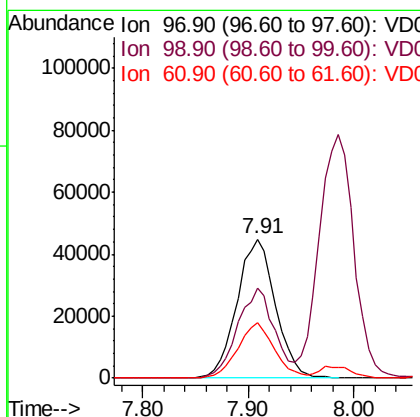
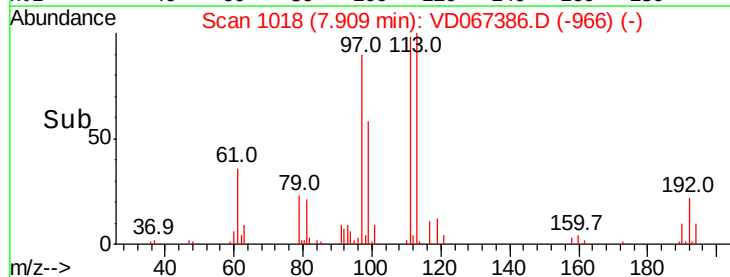
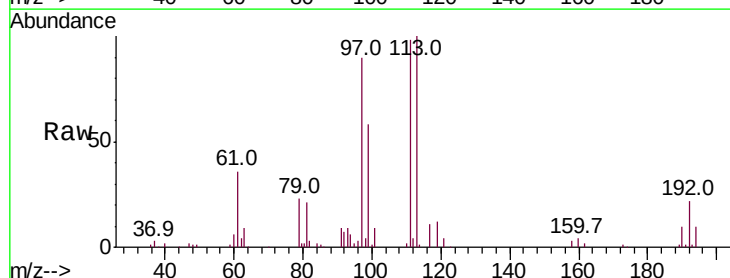
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

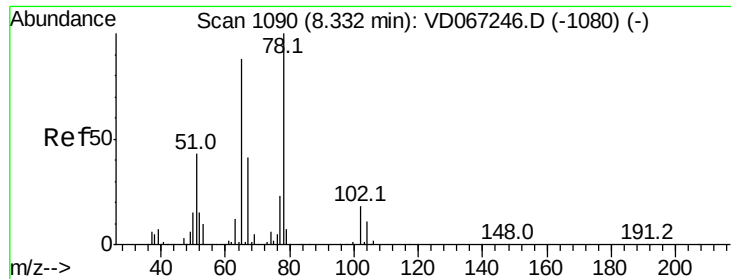
Tot Ion: 56 Resp: 69553
Ion Ratio Lower Upper
56 100
69 48.9 29.8 44.6#
84 105.7 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.058 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 97 Resp: 113215
Ion Ratio Lower Upper
97 100
99 62.4 50.2 75.4
61 37.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 48.615 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

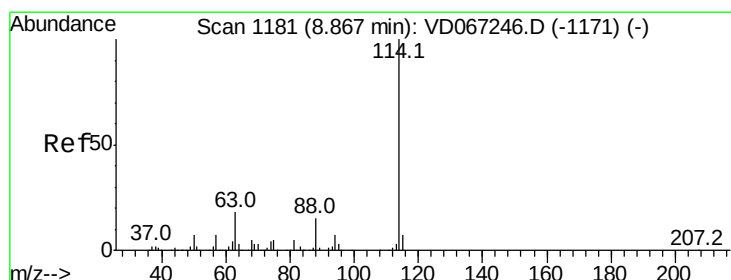
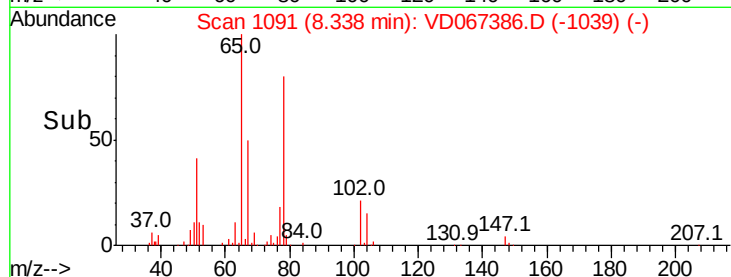
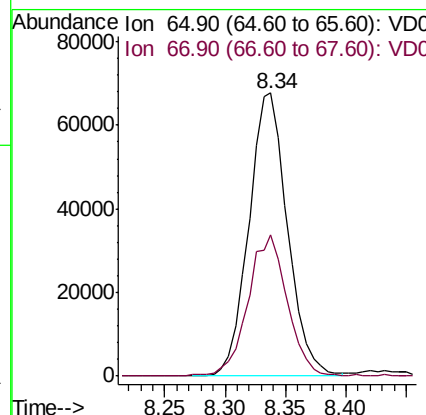
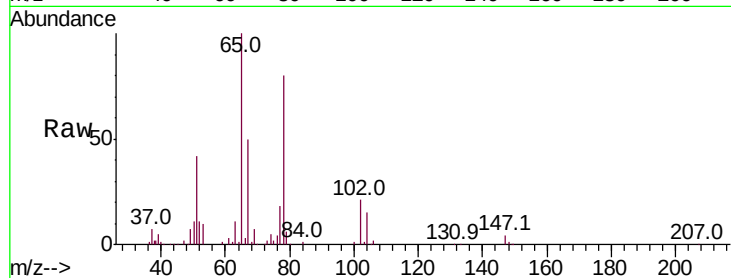
Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tot Ion: 65 Resp: 151161

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

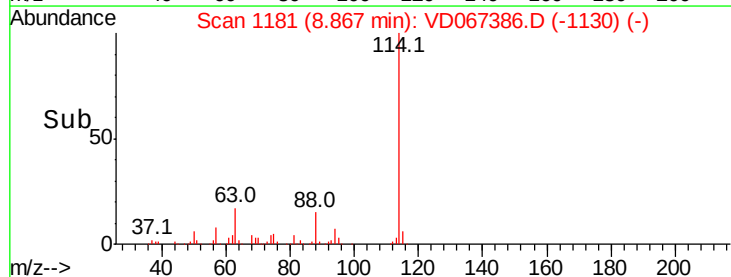
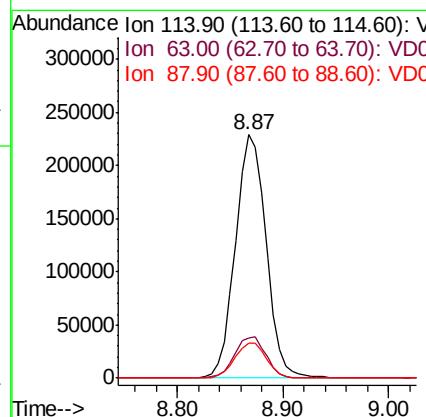
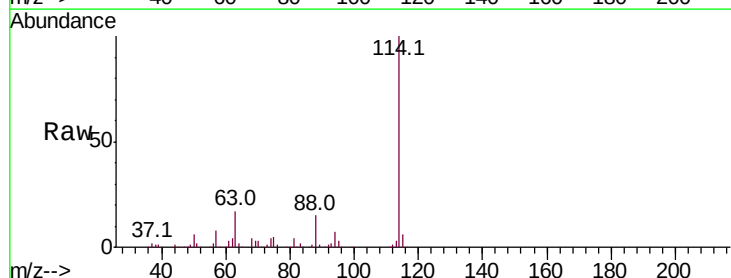
Delta R.T. 0.00 min

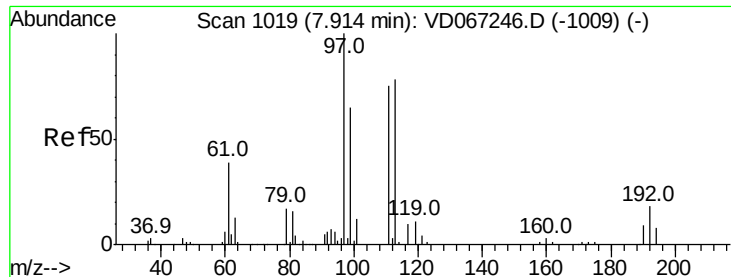
Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Tgt Ion: 114 Resp: 461069

Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	35.0
88	14.6	0.0	30.6

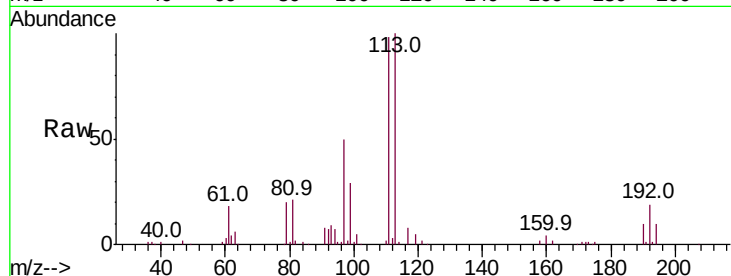




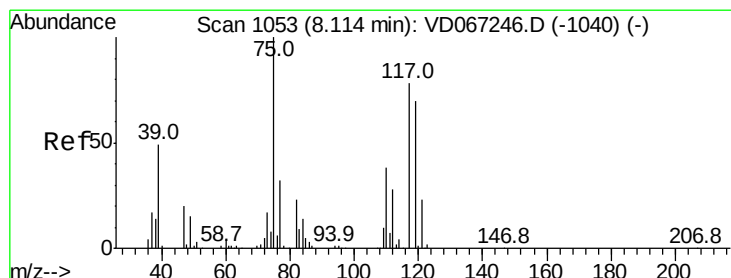
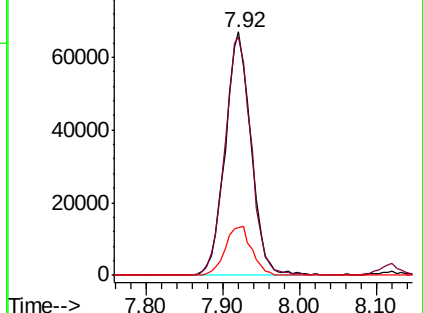
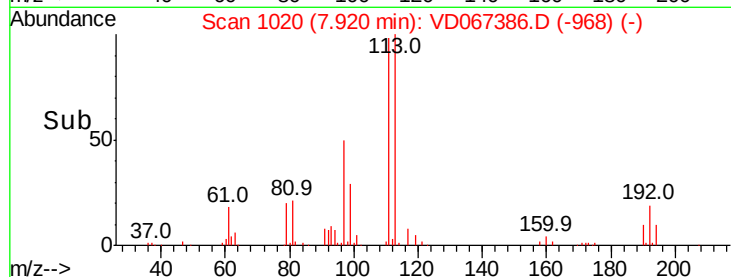
#35
 Dibromofluoromethane
 Concen: 51.051 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.8	81.6	122.4
192	20.7	17.0	25.4

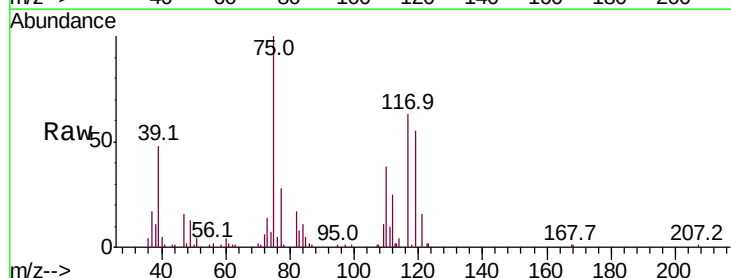


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

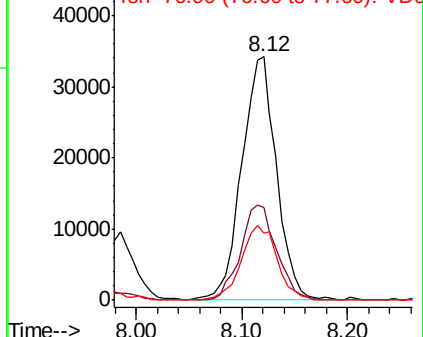
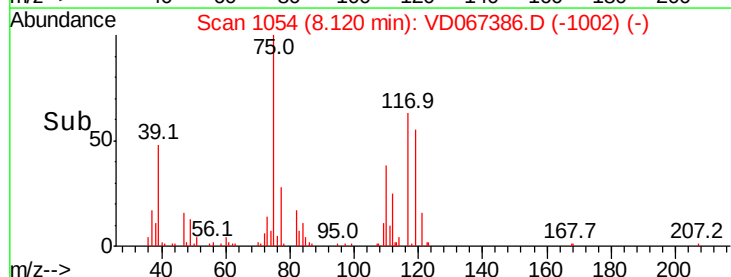


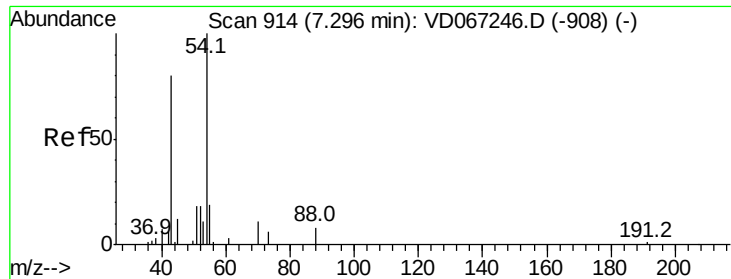
#36
 1,1-Dichloropropene
 Concen: 20.014 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. 0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	19.6	58.7
77	31.6	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: 19.529 ug/l

RT: 7.30 min Scan# 915

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

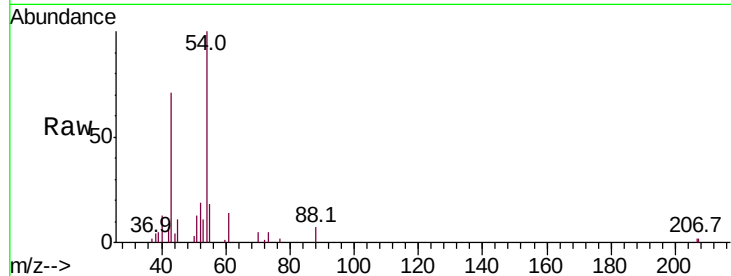
Tot Ion: 43 Resp: 22454

Ion Ratio Lower Upper

43 100

61 15.2 15.6 23.4#

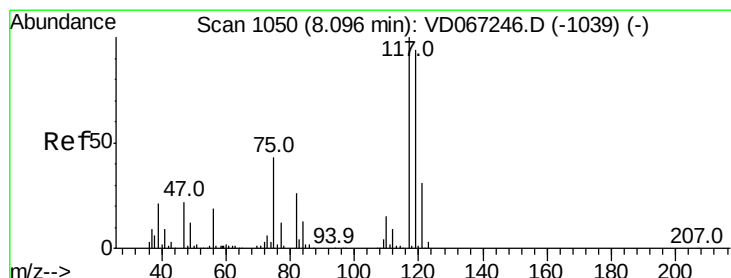
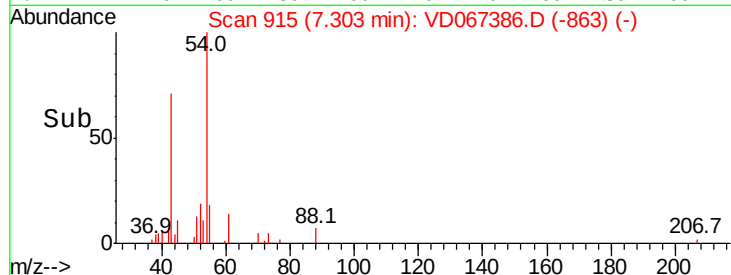
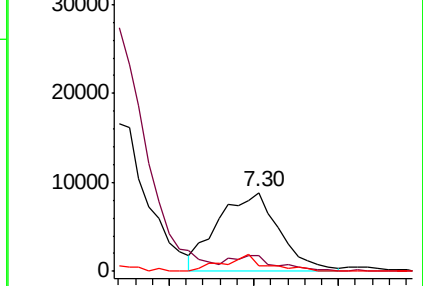
70 14.2 10.4 15.6



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: 21.409 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

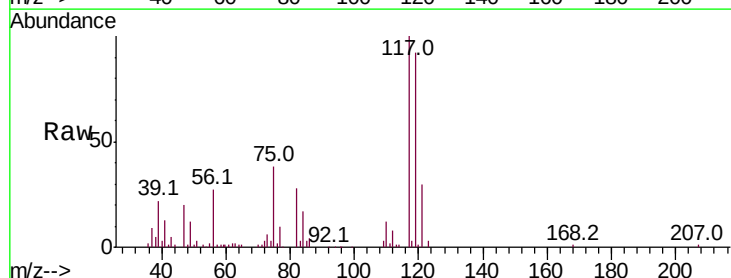
Tgt Ion: 117 Resp: 106928

Ion Ratio Lower Upper

117 100

119 92.0 75.0 112.4

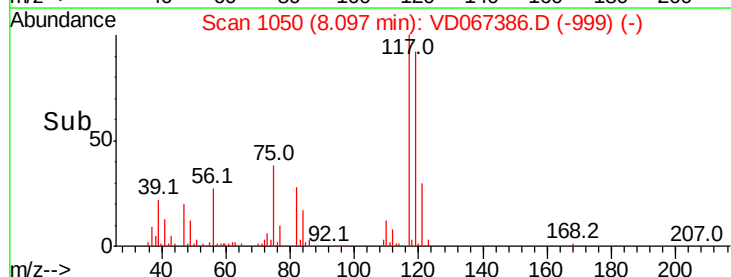
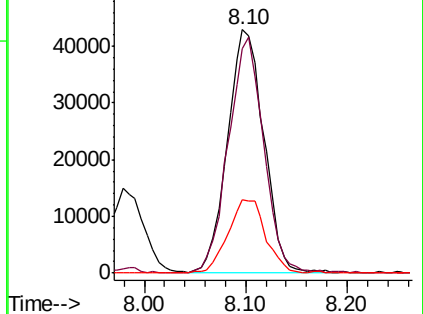
121 30.4 24.9 37.3

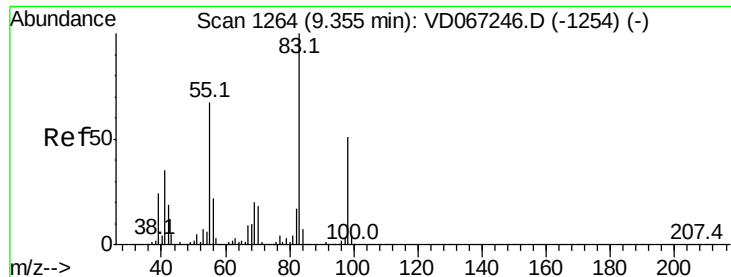


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

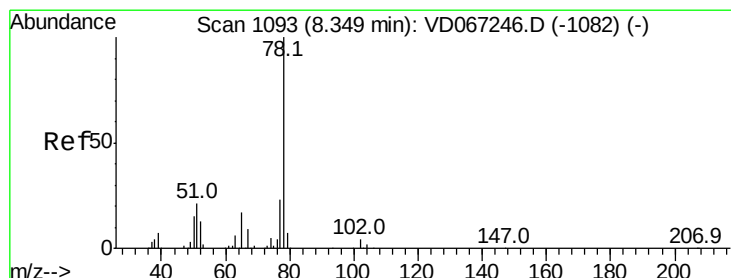
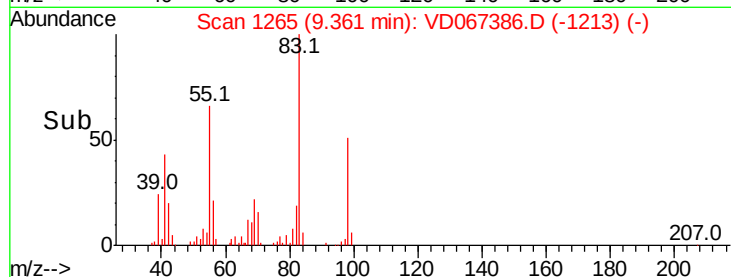
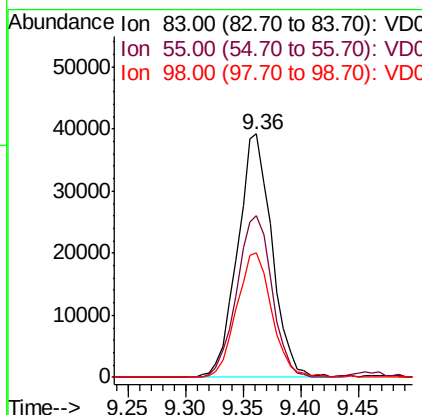
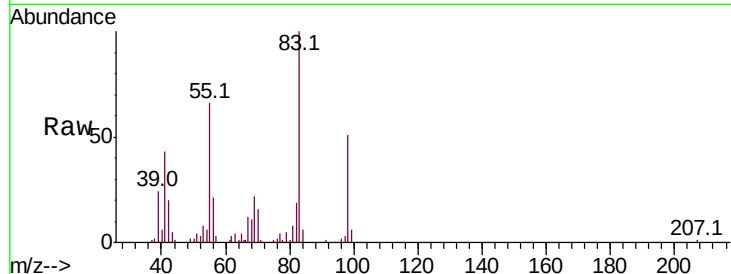




#39
Methylvlcyclohexane
Concen: 19.883 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

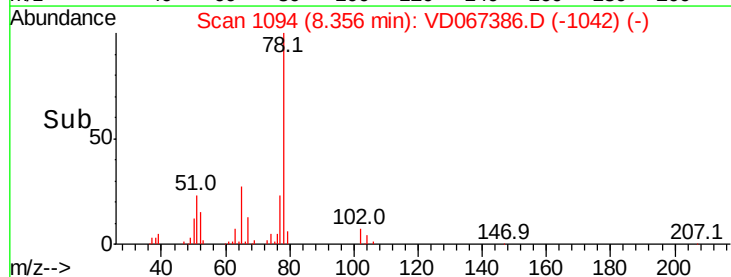
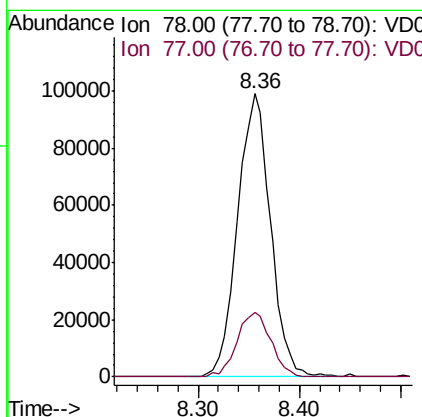
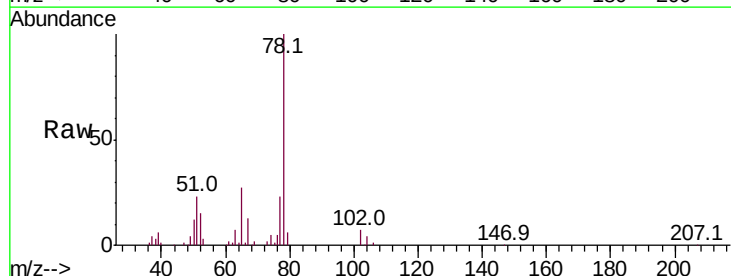
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

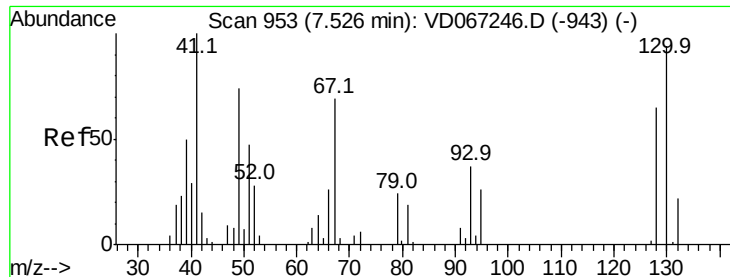
Tot Ion	83	Resp	81231
Ion Ratio	Lower	Upper	
83	100		
55	66.2	53.3	79.9
98	51.2	41.0	61.4



#40
Benzene
Concen: 20.822 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion	78	Resp	223232
Ion Ratio	Lower	Upper	
78	100		
77	22.7	18.3	27.5

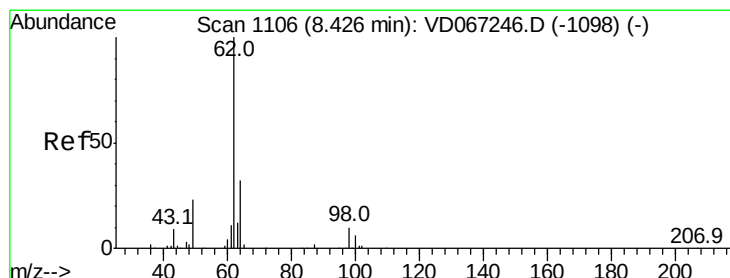
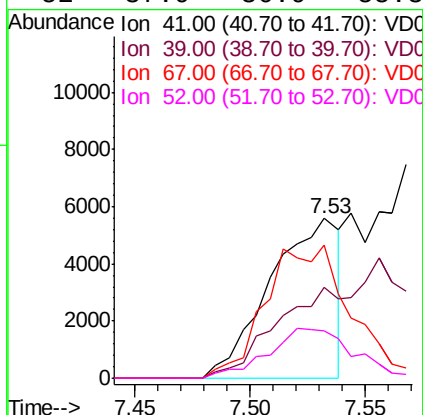
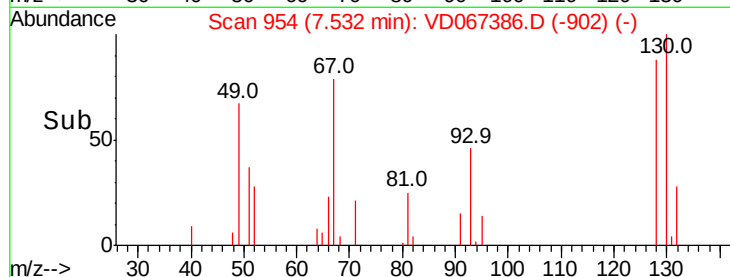
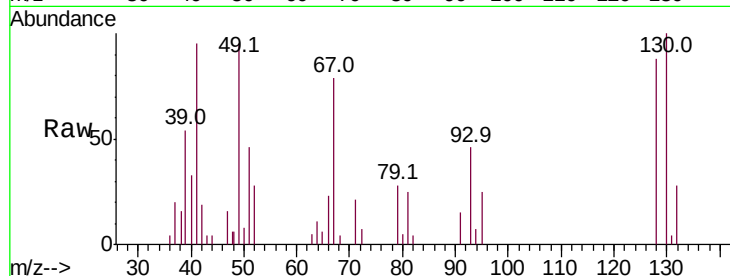




#41
Methacrylonitrile
Concen: 18.939 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

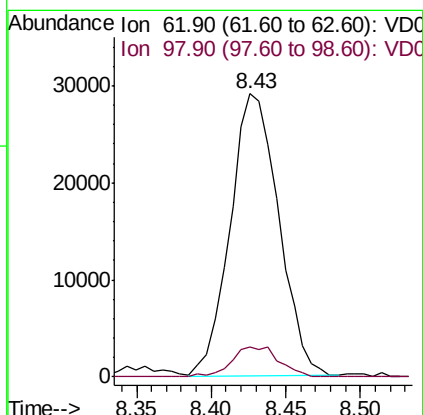
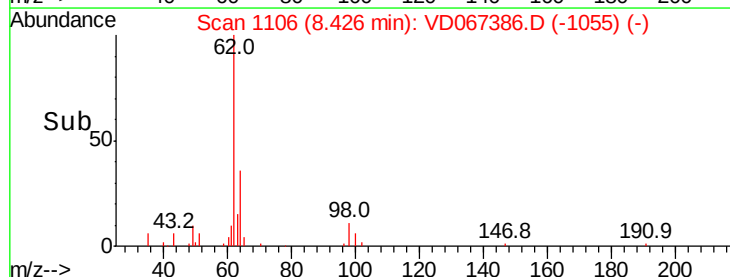
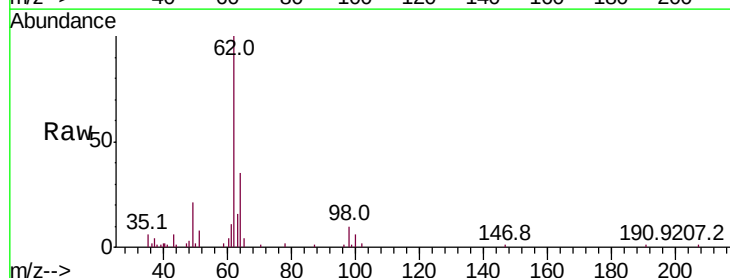
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

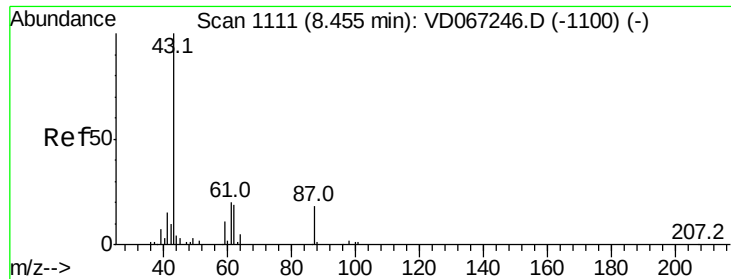
Tot Ion: 41 Resp: 11767
Ion Ratio Lower Upper
41 100
39 0.0 60.0 90.0#
67 101.1 88.9 133.3
52 37.9 36.9 55.3



#42
1,2-Dichloroethane
Concen: 19.508 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 62 Resp: 65450
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.4





#43

Isopropyl Acetate

Concen: 18.851 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

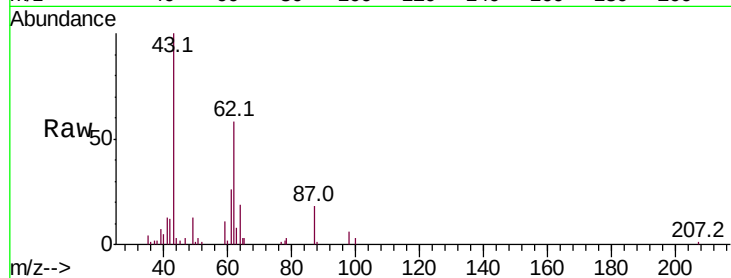
Tot Ion: 43 Resp: 43007

Ion Ratio Lower Upper

43 100

61 39.4 29.5 44.3

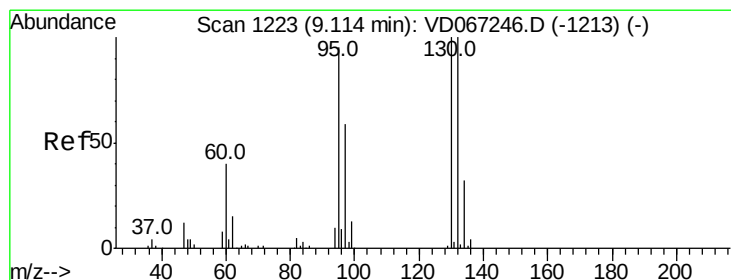
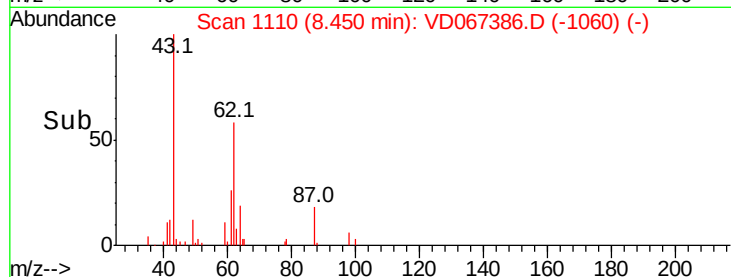
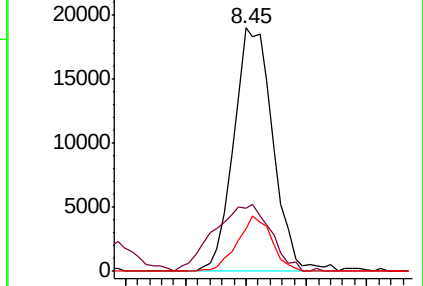
87 20.1 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.411 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067386.D

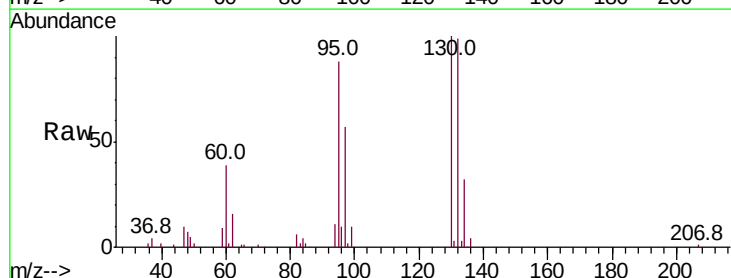
Acq: 26 Oct 2020 12:22

Tgt Ion:130 Resp: 70063

Ion Ratio Lower Upper

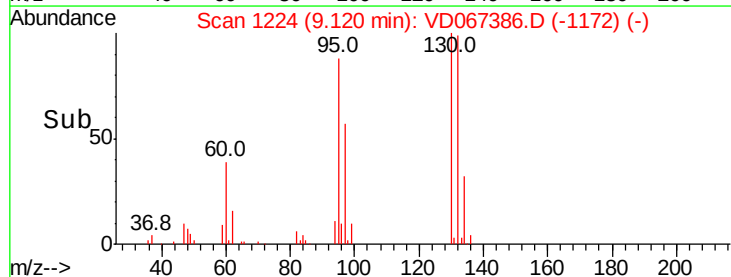
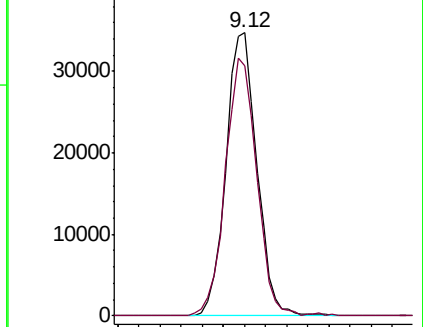
130 100

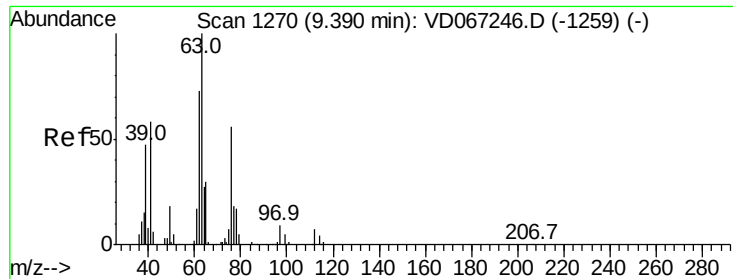
95 88.3 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.940 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

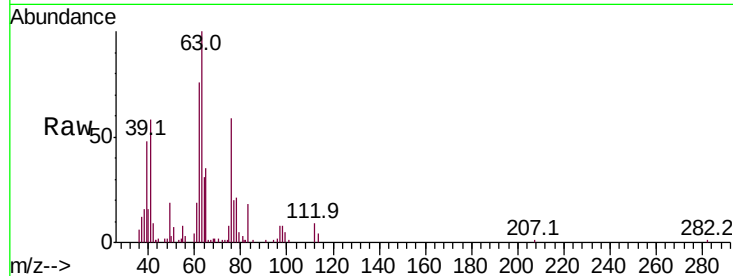
VD1026SBS01

Tot Ion: 63 Resp: 49543

Ion Ratio Lower Upper

63 100

65 35.2 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC

9.39

25000

20000

15000

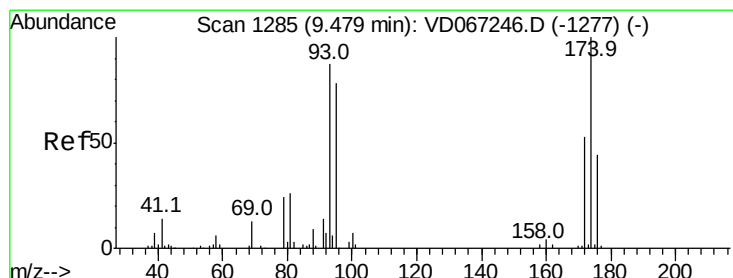
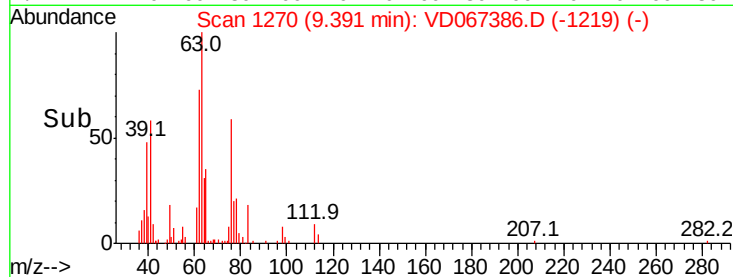
10000

5000

0

Time-->

9.30 9.40 9.50



#46

Dibromomethane

Concen: 19.836 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

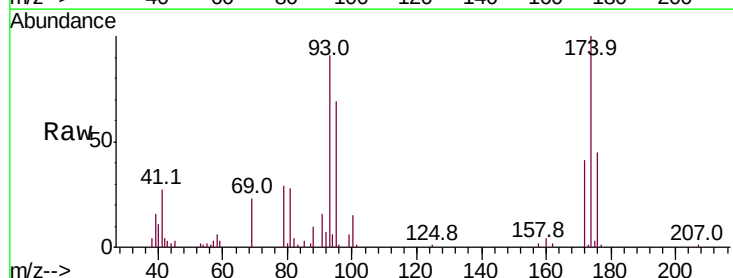
Tgt Ion: 93 Resp: 30707

Ion Ratio Lower Upper

93 100

95 82.6 68.0 102.0

174 111.9 91.8 137.6



Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

9.48

20000

15000

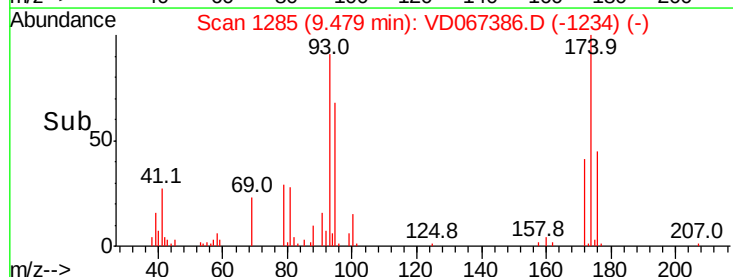
10000

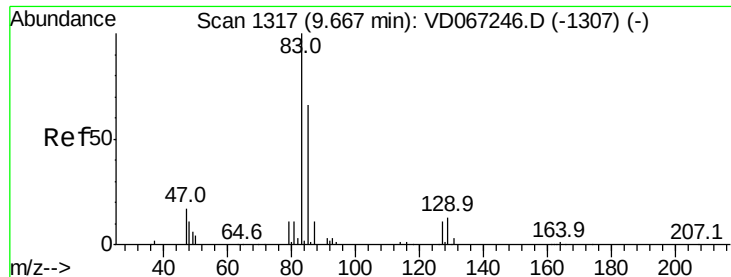
5000

0

Time-->

9.40 9.45 9.50 9.55 9.60





#47

Bromodichloromethane

Concen: 21.379 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

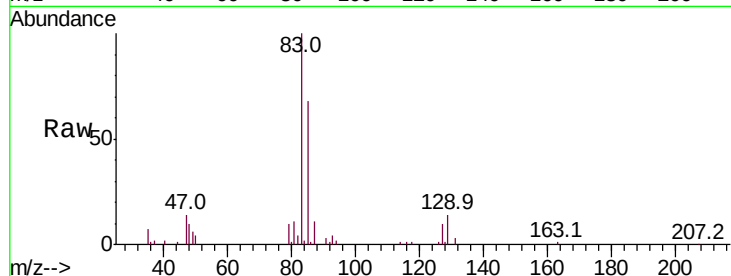
Tot Ion: 83 Resp: 88669

Ion Ratio Lower Upper

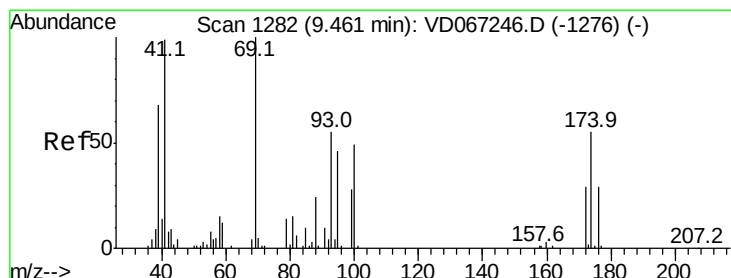
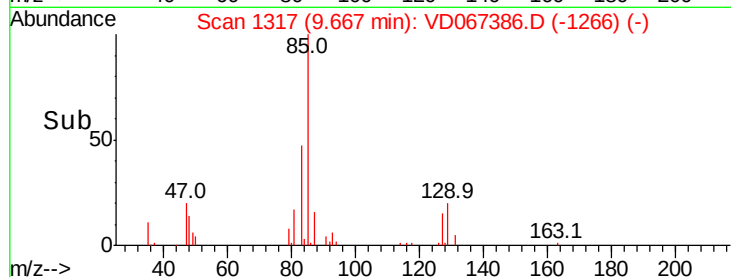
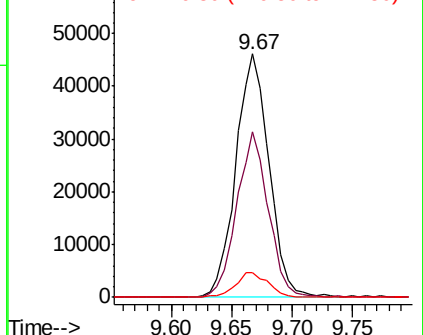
83 100

85 68.0 53.1 79.7

127 10.2 8.6 13.0



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



#48

Methyl methacrylate

Concen: 19.268 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

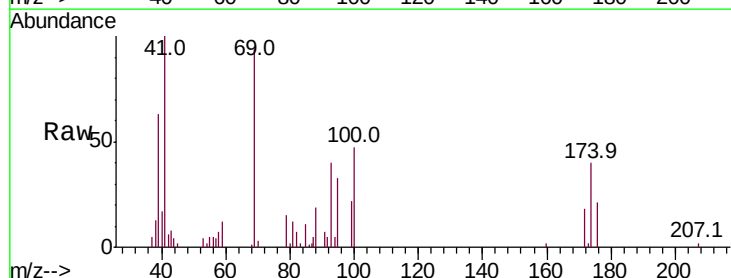
Tgt Ion: 41 Resp: 21362

Ion Ratio Lower Upper

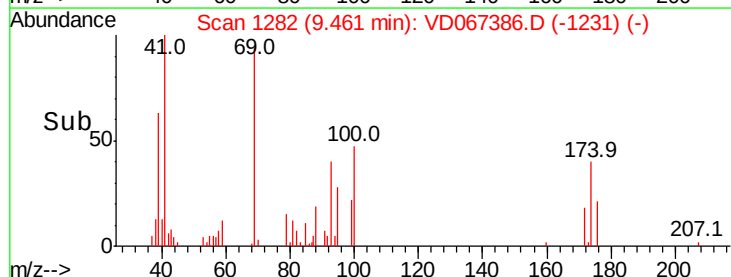
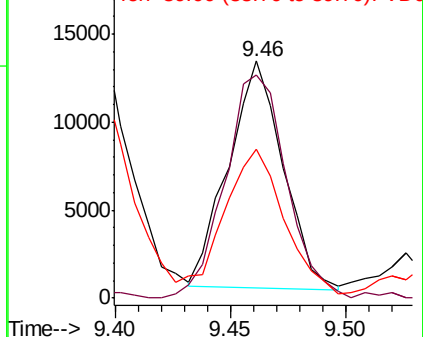
41 100

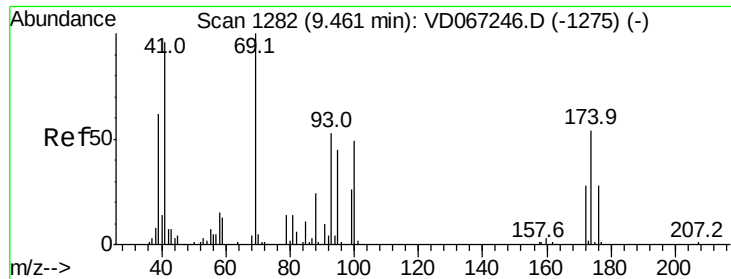
69 110.0 89.0 133.6

39 74.2 60.2 90.2



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





#49

1,4-Dioxane

Concen: 372.851 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

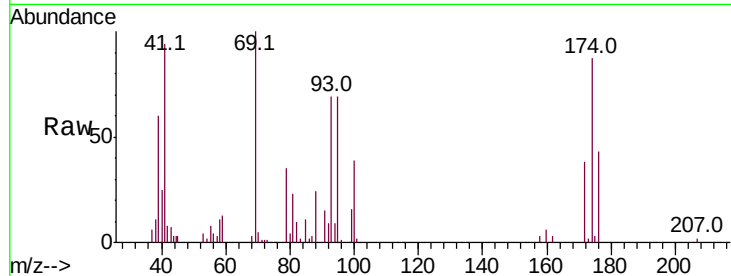
Tot Ion: 88 Resp: 5871

Ion Ratio Lower Upper

88 100

43 35.5 23.9 35.9

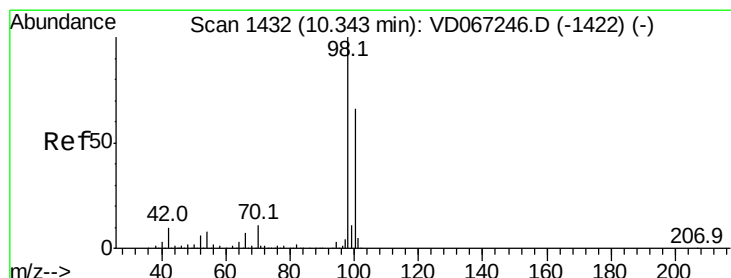
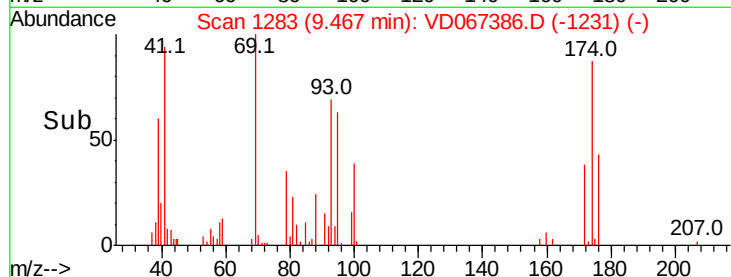
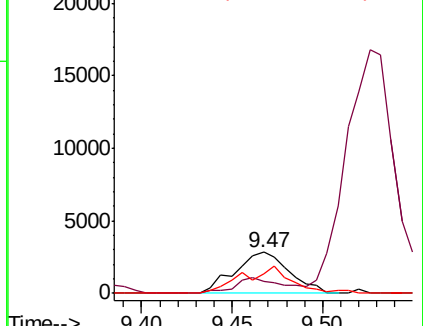
58 61.1 51.0 76.6



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: 51.107 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067386.D

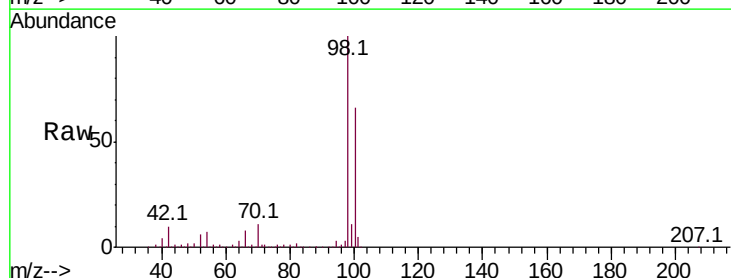
Acq: 26 Oct 2020 12:22

Tgt Ion: 98 Resp: 567512

Ion Ratio Lower Upper

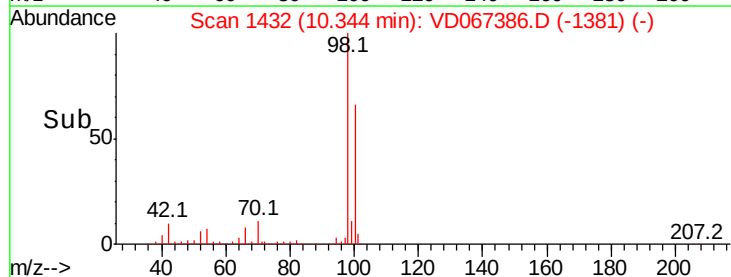
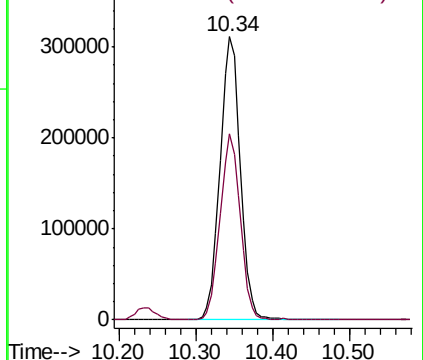
98 100

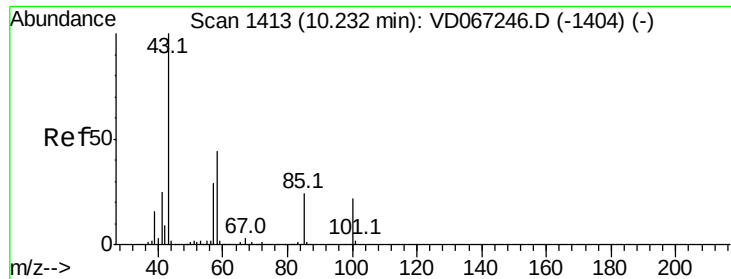
100 65.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

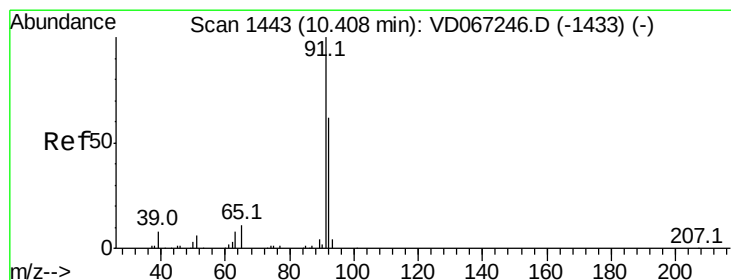
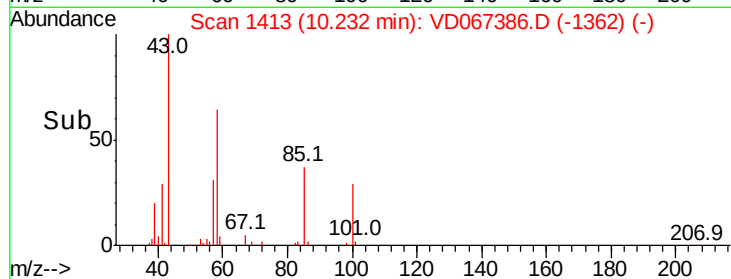
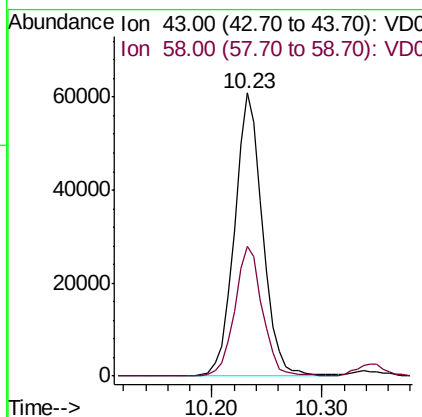
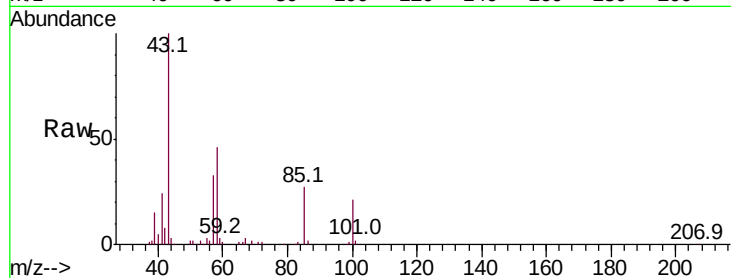




#51
4-Methyl-2-Pentanone
Concen: 95.308 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

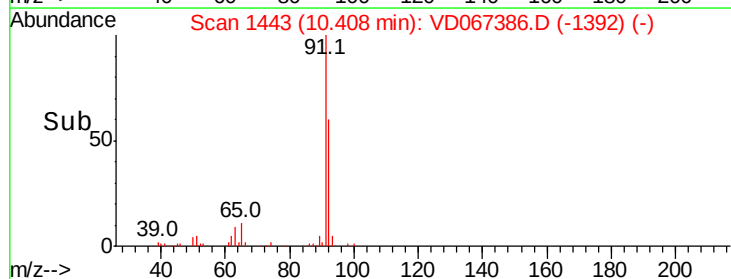
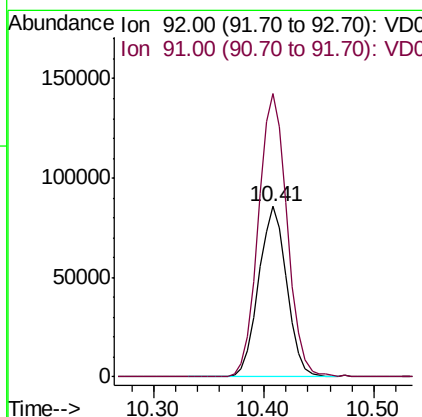
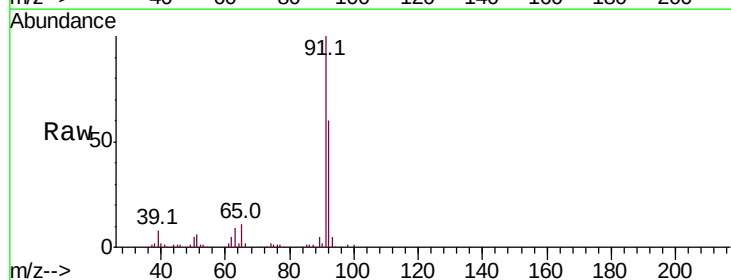
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

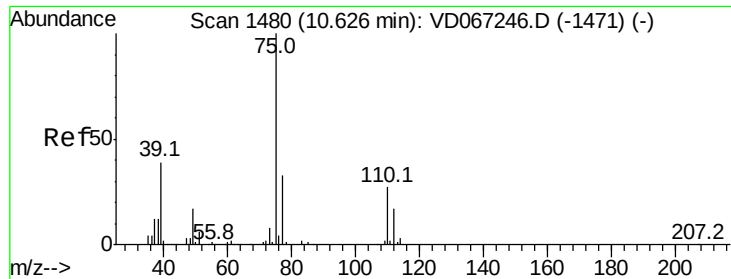
Tot Ion: 43 Resp: 108452
Ion Ratio Lower Upper
43 100
58 45.2 35.7 53.5



#52
Toluene
Concen: 21.090 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 92 Resp: 153995
Ion Ratio Lower Upper
92 100
91 169.2 133.8 200.8

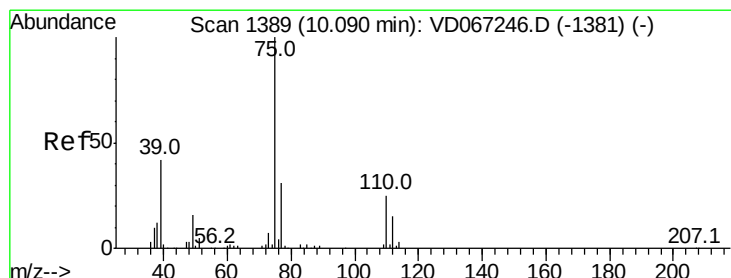
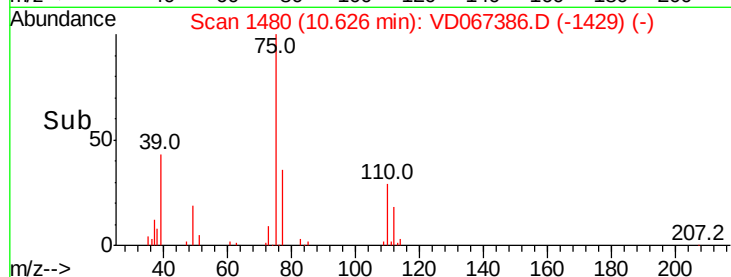
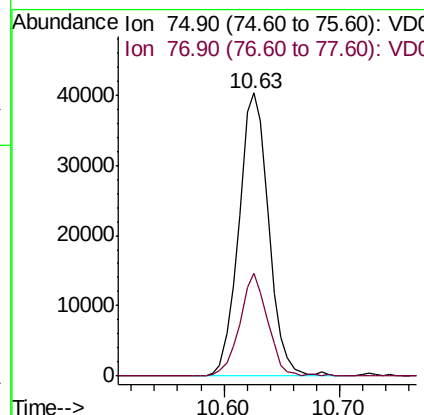
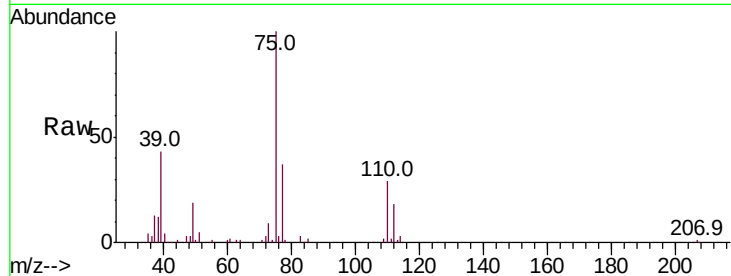




#53
 t-1,3-Dichloropropene
 Concen: 19.810 ug/l
 RT: 10.63 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

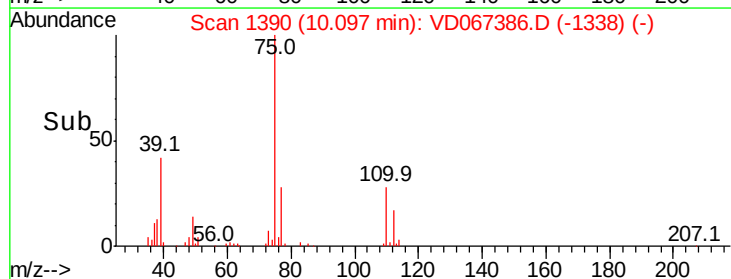
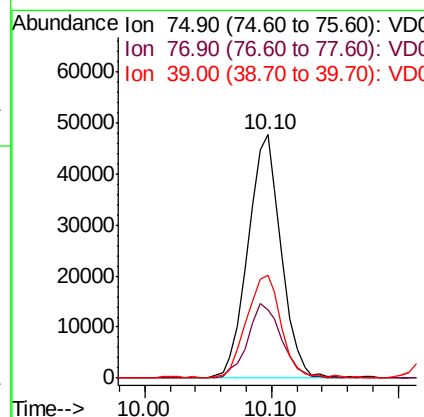
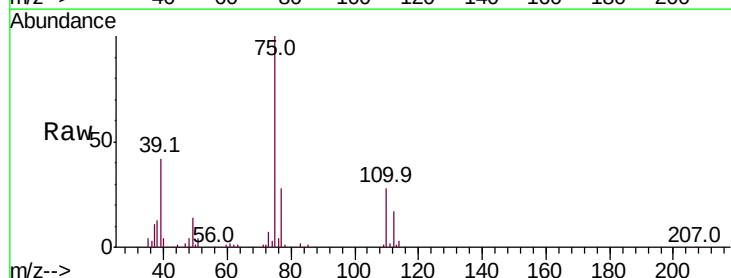
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

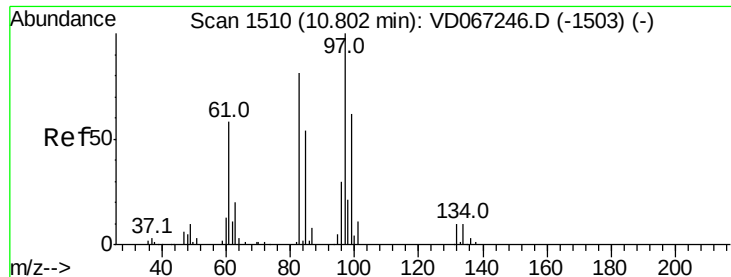
Tot Ion: 75 Resp: 72176
 Ion Ratio Lower Upper
 75 100
 77 36.6 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.328 ug/l
 RT: 10.10 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion: 75 Resp: 86680
 Ion Ratio Lower Upper
 75 100
 77 28.3 24.5 36.7
 39 41.8 33.7 50.5

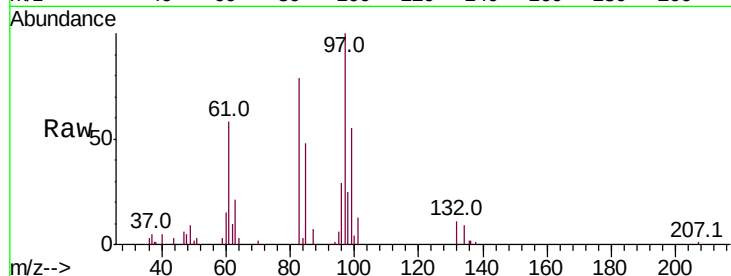




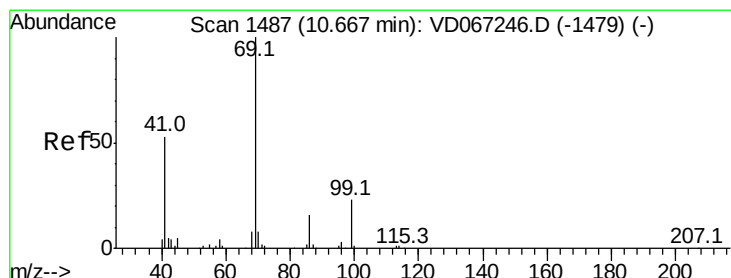
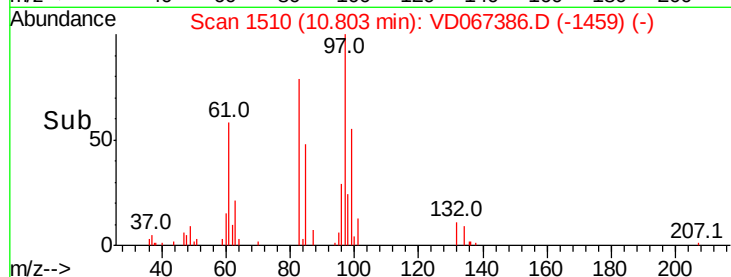
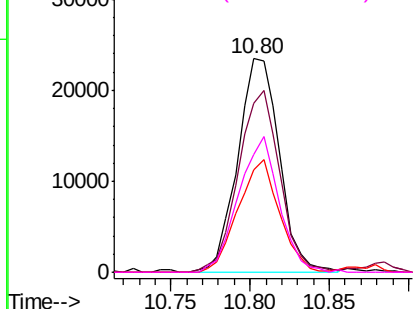
#55
 1,1,2-Trichloroethane
 Concen: 20.415 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Tot Ion:	97	Resp:	43095
Ion	Ratio	Lower	Upper
97	100		
83	79.1	64.9	97.3
85	48.0	43.3	64.9
99	55.1	49.1	73.7

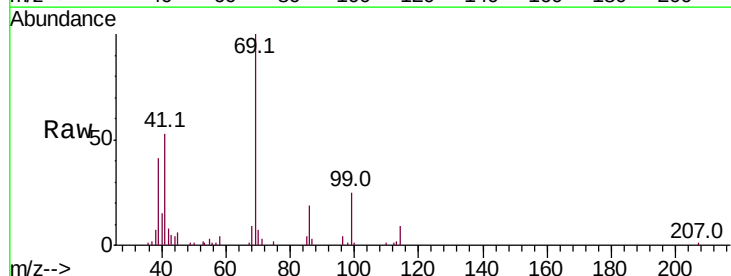


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

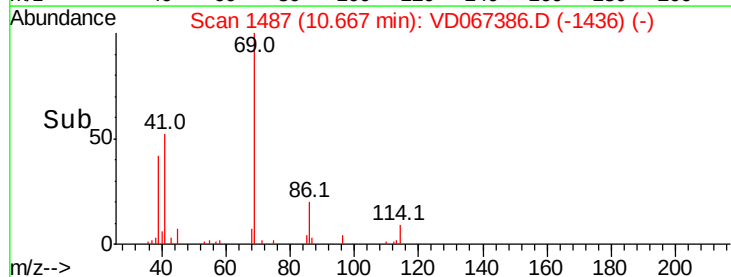
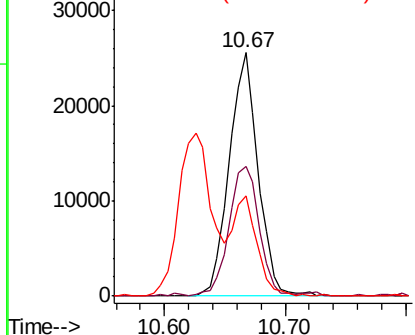


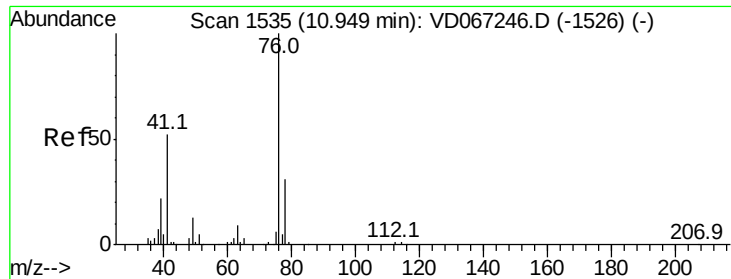
#56
 Ethyl methacrylate
 Concen: 19.408 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion:	69	Resp:	42491
Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.7	67.1
39	35.2	26.2	39.2



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





#57

1,3-Dichloropropane

Concen: 20.514 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

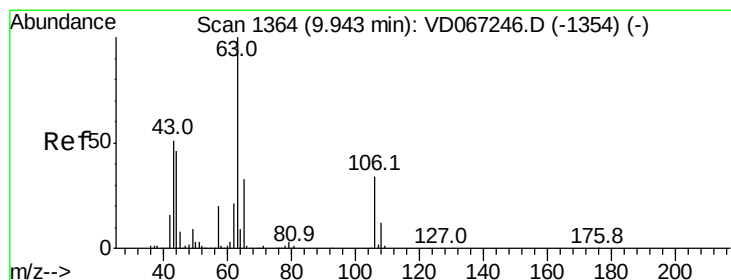
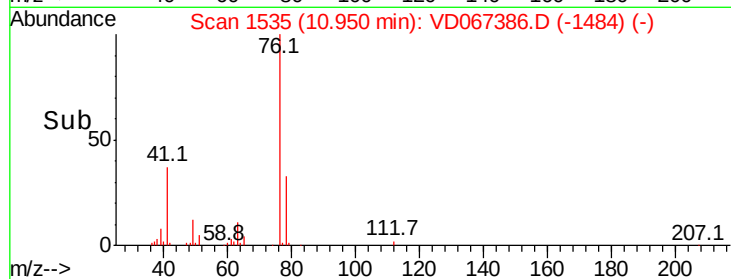
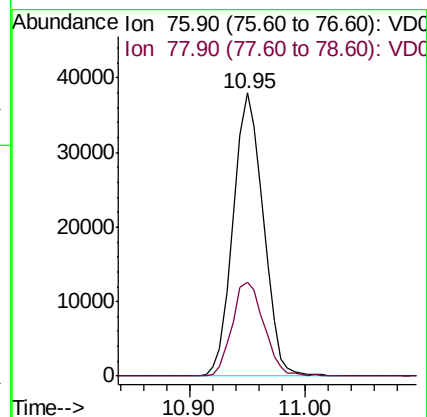
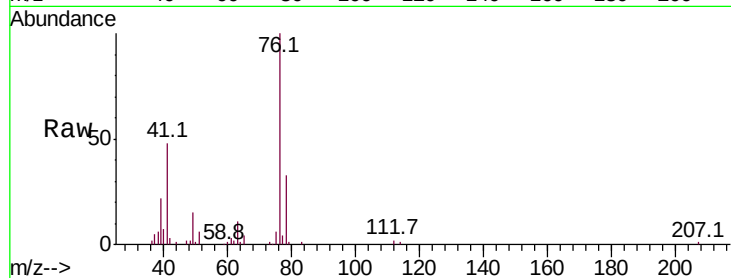
VD1026SBS01

Tot Ion: 76 Resp: 68917

Ion Ratio Lower Upper

76 100

78 34.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 97.838 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067386.D

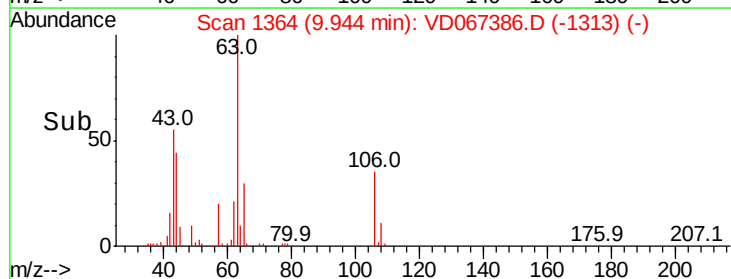
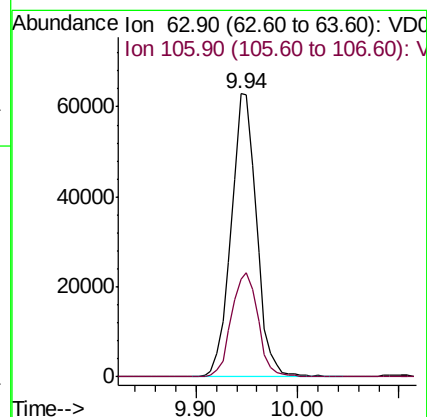
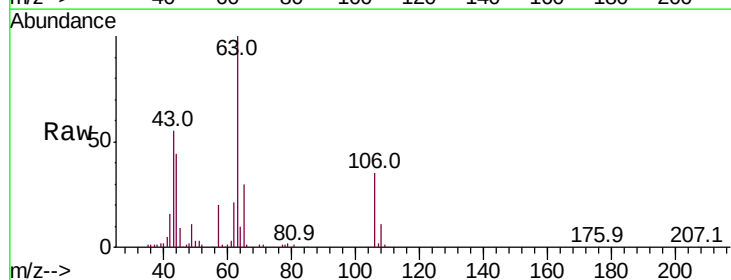
Acq: 26 Oct 2020 12:22

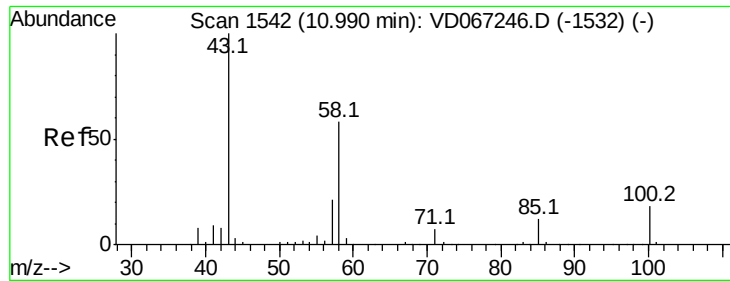
Tgt Ion: 63 Resp: 109883

Ion Ratio Lower Upper

63 100

106 38.3 27.8 41.6

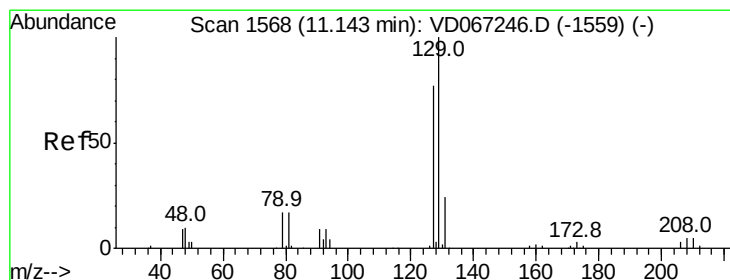
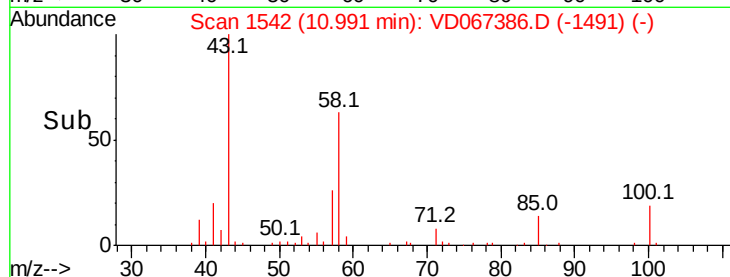
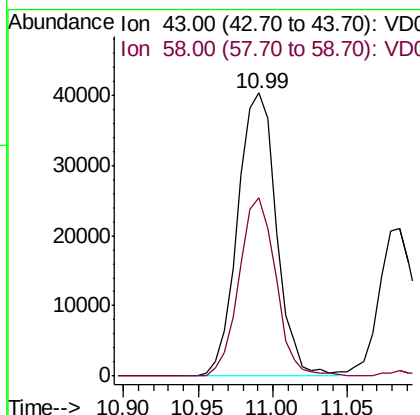
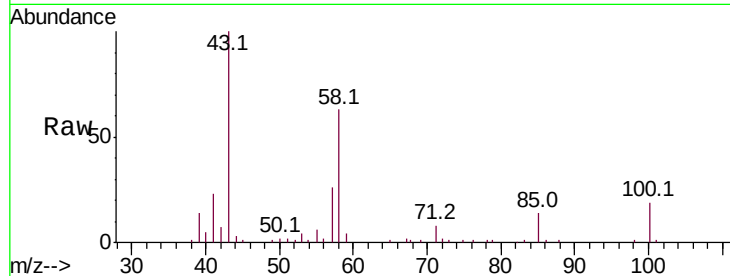




#59
2-Hexanone
Concen: 93.605 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

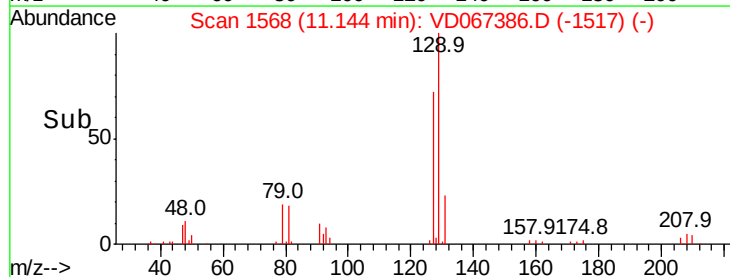
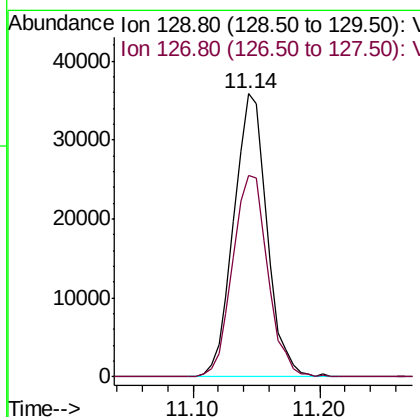
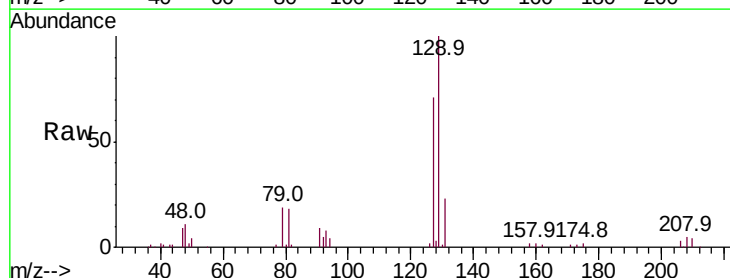
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

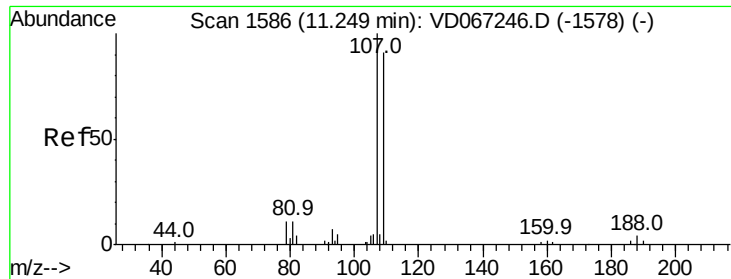
Tot Ion: 43 Resp: 72784
Ion Ratio Lower Upper
43 100
58 59.6 29.3 87.9



#60
Dibromochloromethane
Concen: 21.132 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 129 Resp: 65056
Ion Ratio Lower Upper
129 100
127 75.2 38.3 114.8

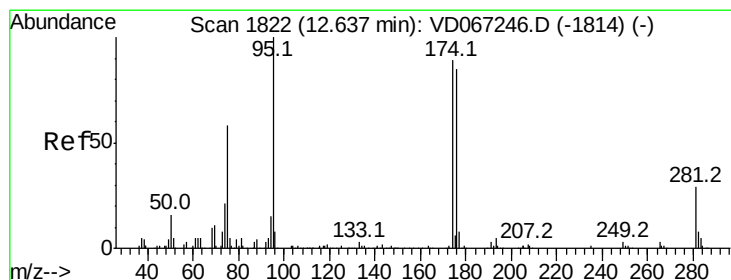
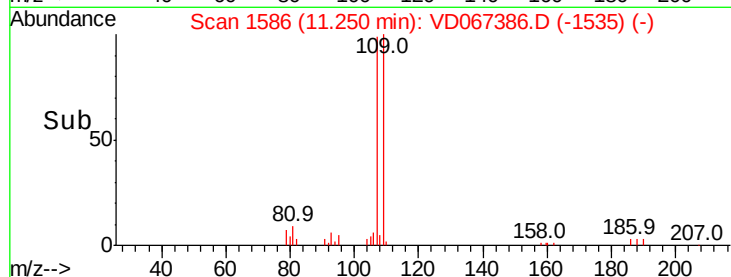
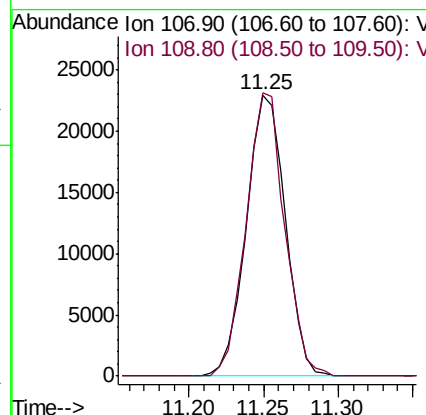
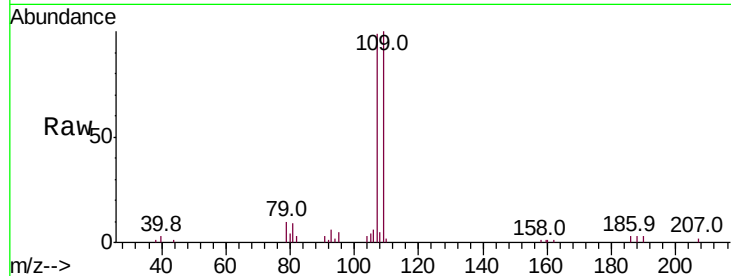




#61
 1,2-Dibromoethane
 Concen: 19.874 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

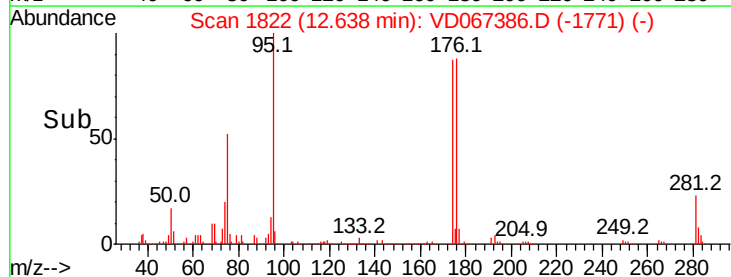
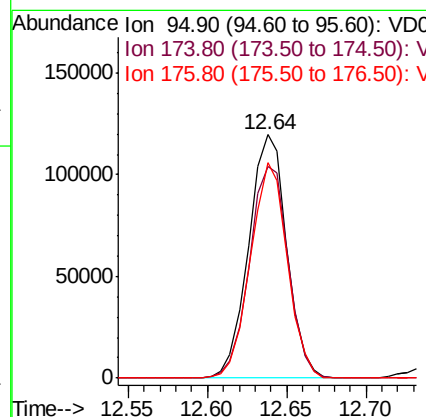
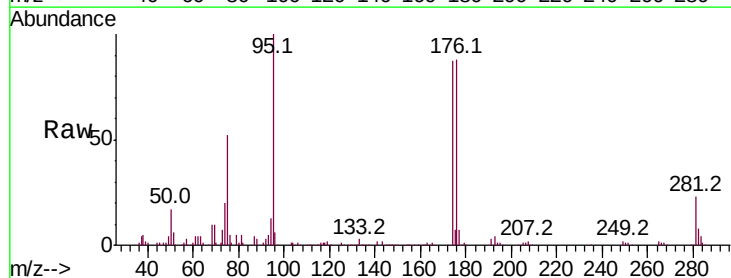
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

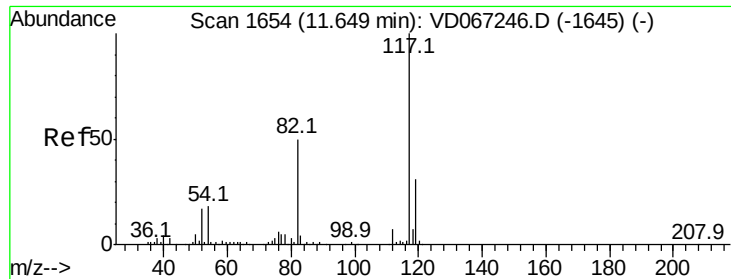
Tot Ion:107 Resp: 41361
 Ion Ratio Lower Upper
 107 100
 109 99.6 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 51.733 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion: 95 Resp: 199751
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 175.2
 176 85.8 0.0 168.6

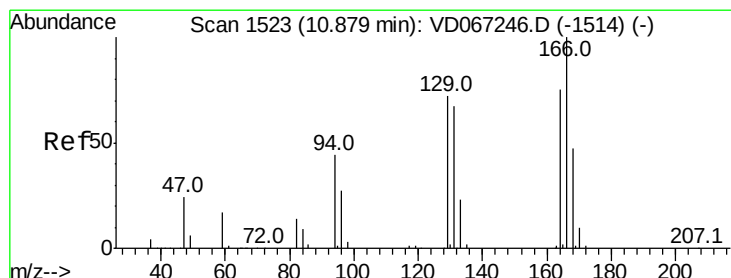
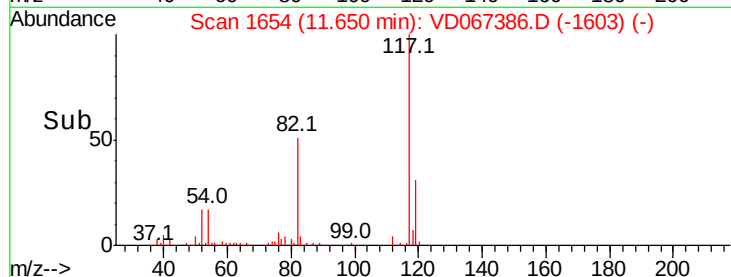
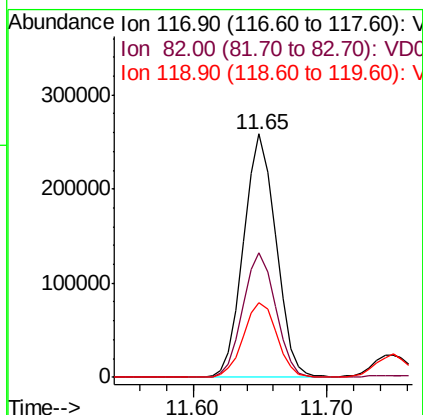
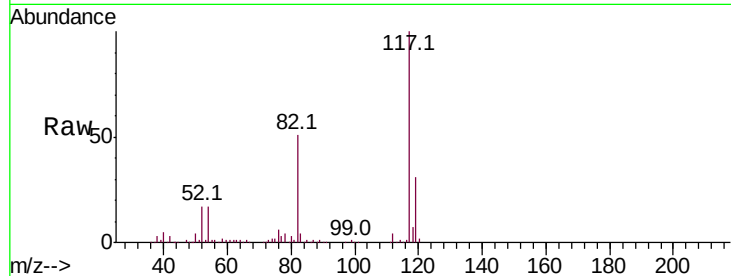




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

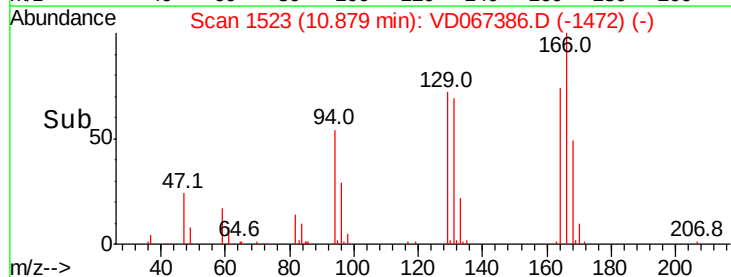
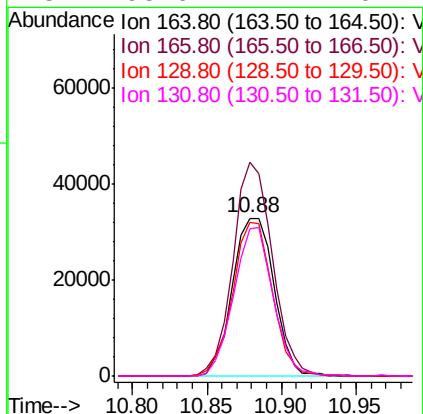
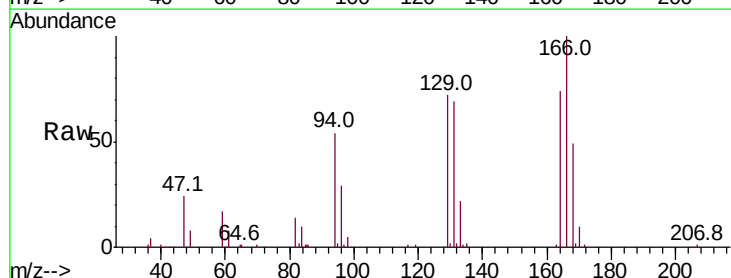
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

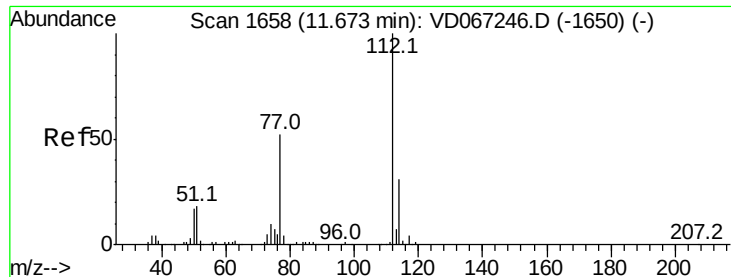
Tot Ion:117 Resp: 434276
Ion Ratio Lower Upper
117 100
82 51.2 39.9 59.9
119 30.7 24.9 37.3



#64
Tetrachloroethene
Concen: 20.223 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion:164 Resp: 63632
Ion Ratio Lower Upper
164 100
166 135.2 107.3 160.9
129 96.8 77.3 115.9
131 93.6 71.4 107.2

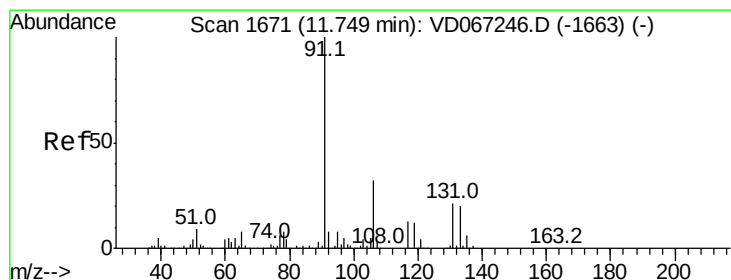
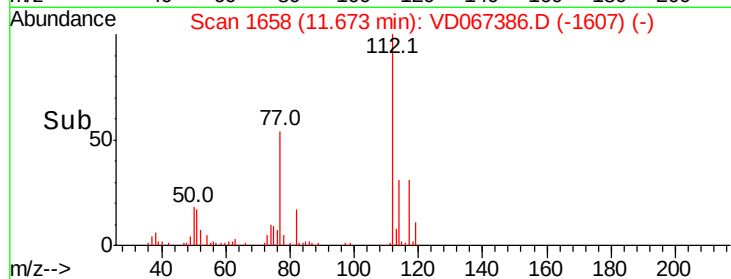
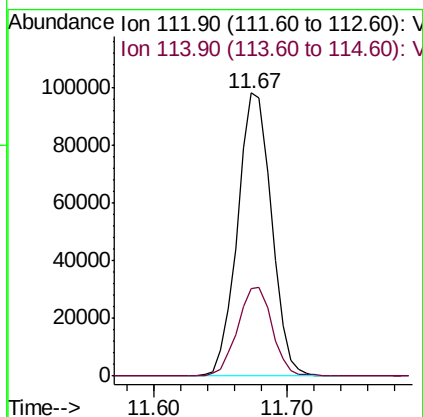
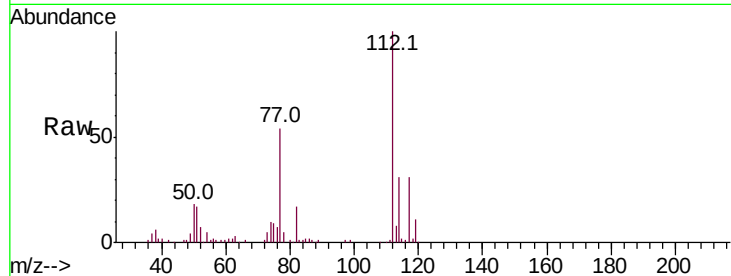




#65
Chlorobenzene
Concen: 20.743 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

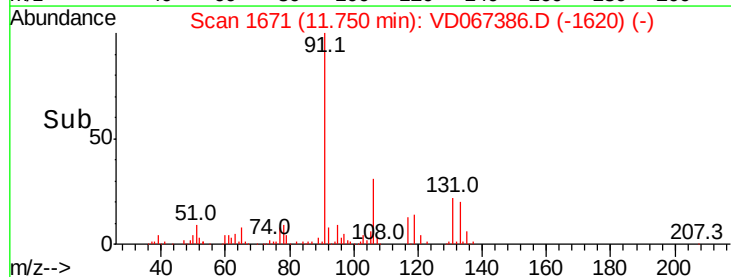
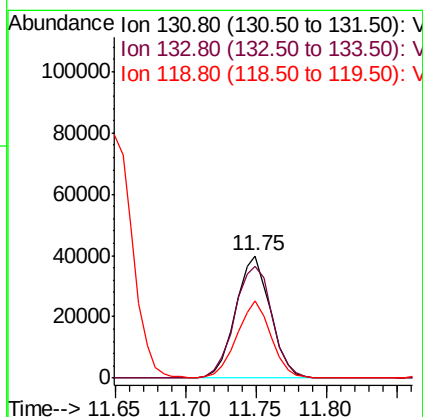
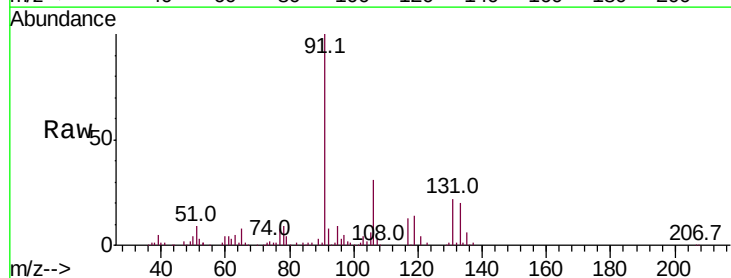
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

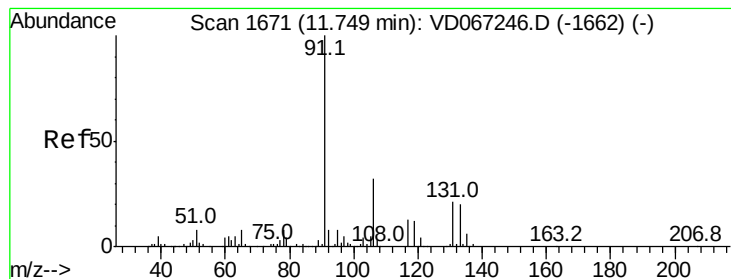
Tot Ion:112 Resp: 172738
Ion Ratio Lower Upper
112 100
114 30.8 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.750 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion:131 Resp: 68678
Ion Ratio Lower Upper
131 100
133 98.9 48.1 144.3
119 61.9 30.0 90.0





#67

Ethyl Benzene

Concen: 20.727 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

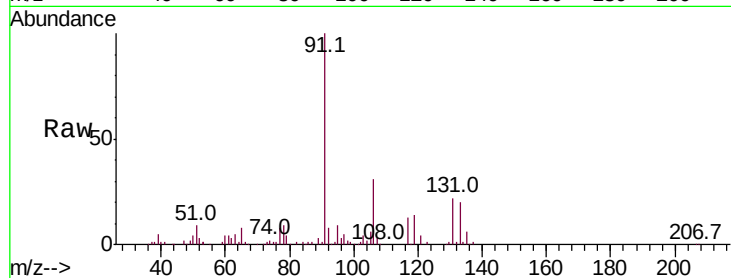
VD1026SBS01

Tot Ion: 91 Resp: 295886

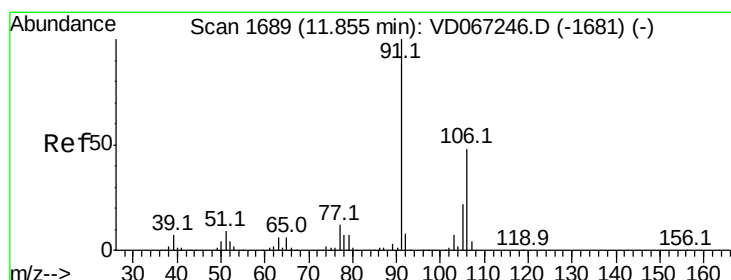
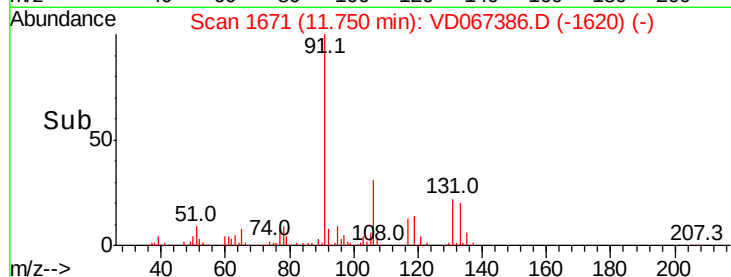
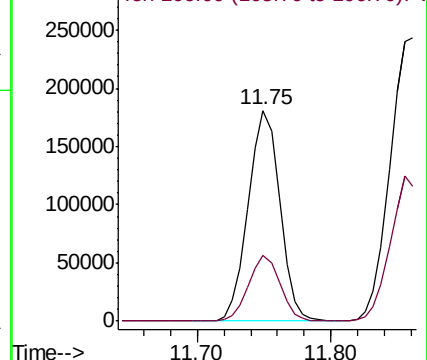
Ion Ratio Lower Upper

91 100

106 31.3 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 41.812 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067386.D

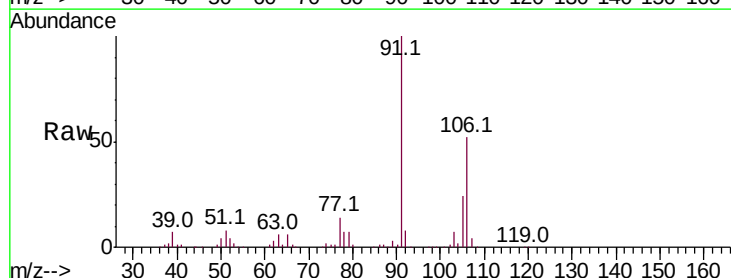
Acq: 26 Oct 2020 12:22

Tgt Ion: 106 Resp: 229847

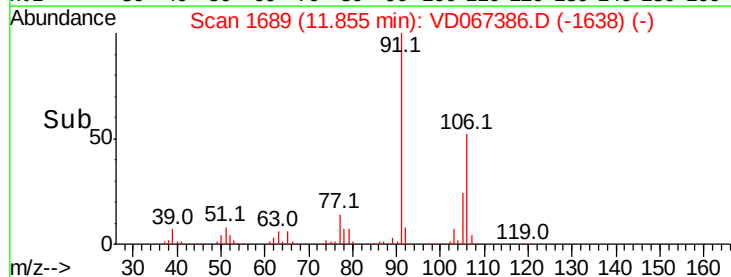
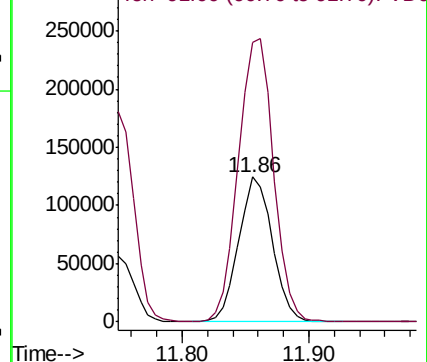
Ion Ratio Lower Upper

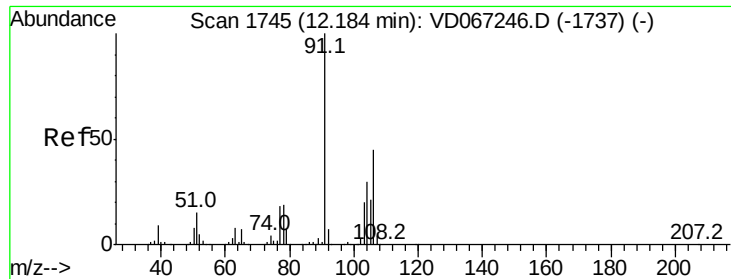
106 100

91 203.9 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

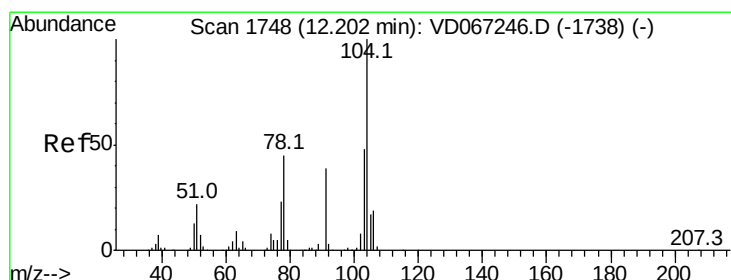
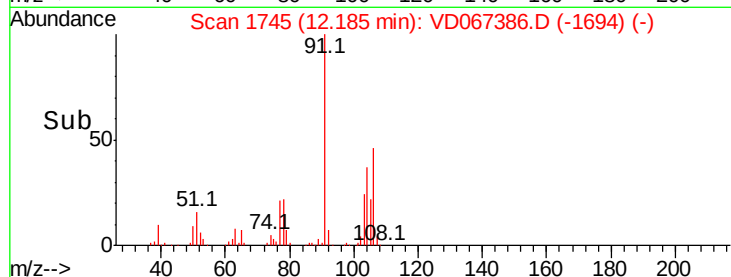
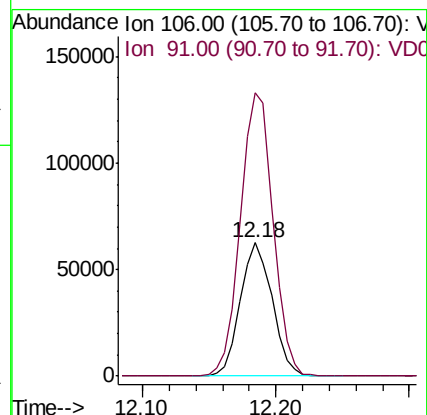
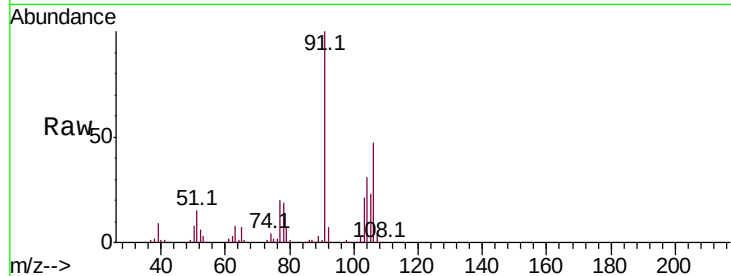




#69
o-Xylene
Concen: 20.317 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

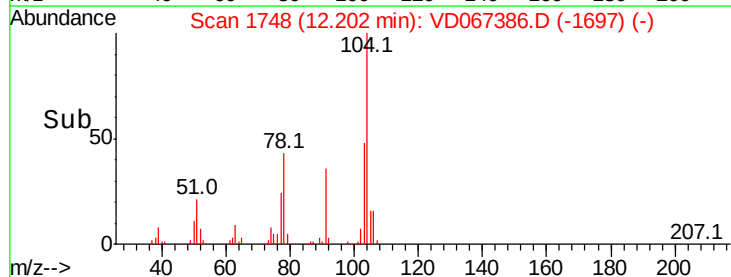
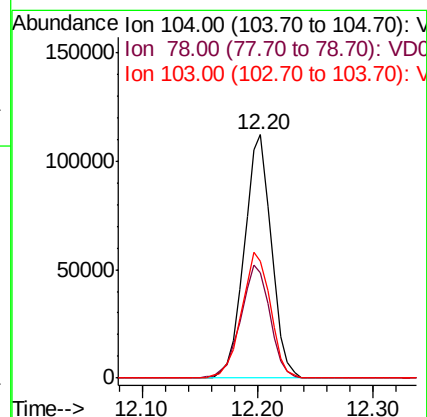
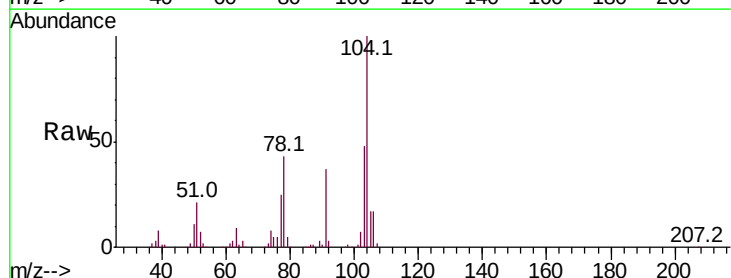
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

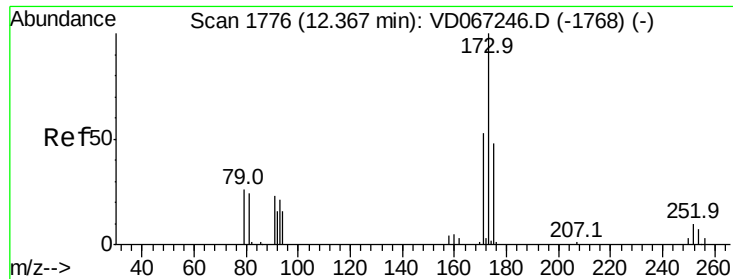
Tot Ion:106 Resp: 103424
Ion Ratio Lower Upper
106 100
91 216.9 109.1 327.3



#70
Styrene
Concen: 20.887 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion:104 Resp: 183031
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 54.8 42.6 64.0





#71

Bromoform

Concen: 20.434 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

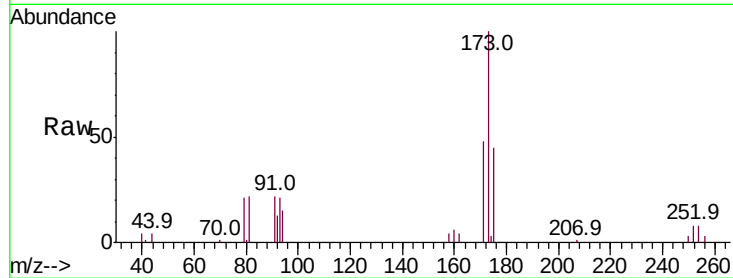
Tot Ion:173 Resp: 36334

Ion Ratio Lower Upper

173 100

175 47.9 24.2 72.6

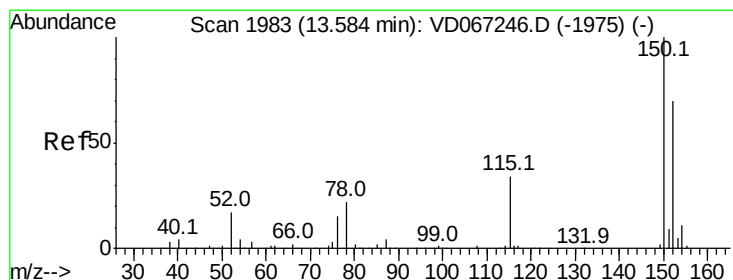
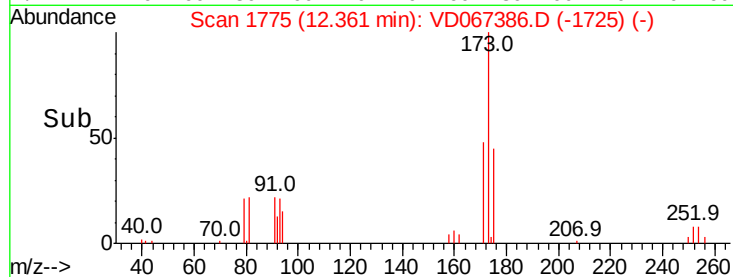
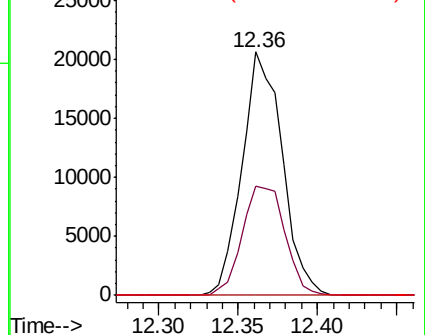
254 0.0 0.1 0.1#



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# 1983

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

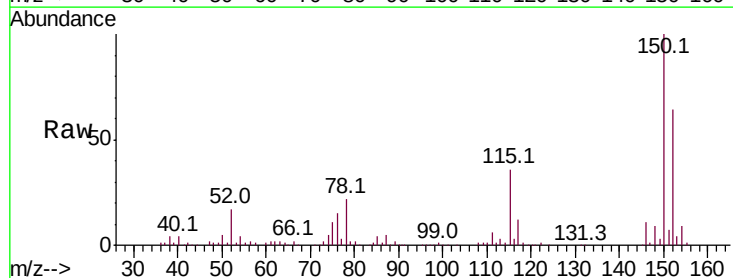
Tgt Ion:152 Resp: 220893

Ion Ratio Lower Upper

152 100

115 58.4 29.3 87.9

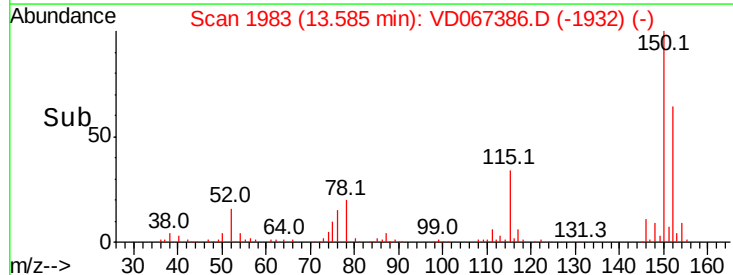
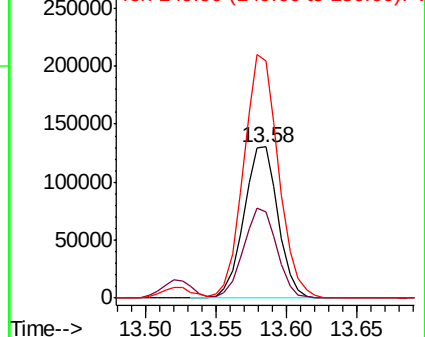
150 164.1 0.0 339.0

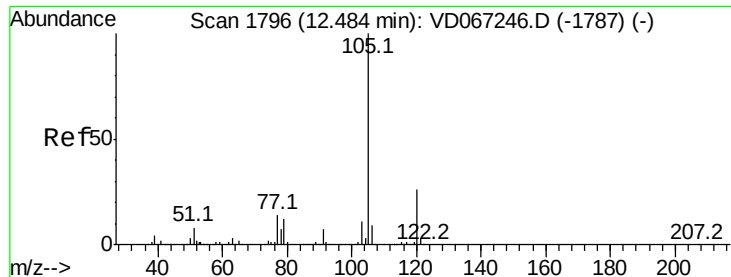


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.290 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

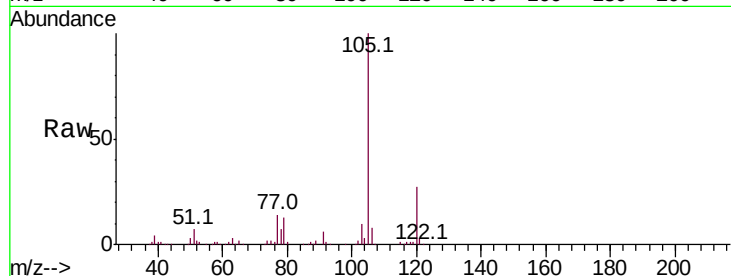
VD1026SBS01

Tot Ion:105 Resp: 298475

Ion Ratio Lower Upper

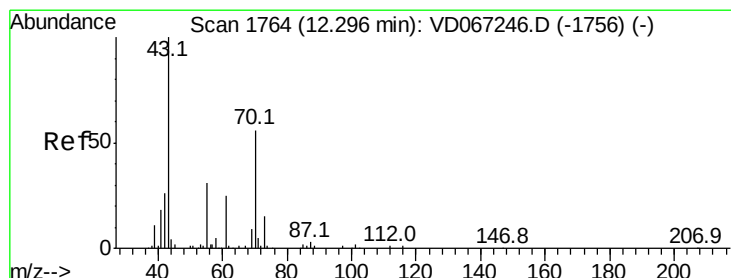
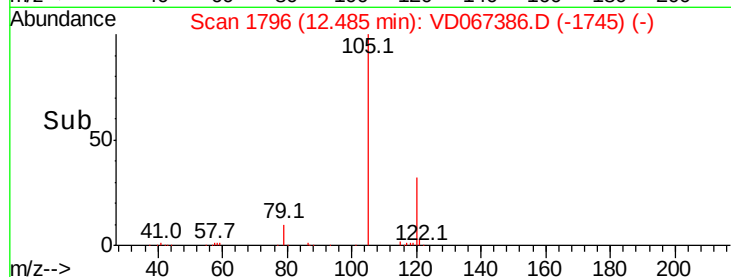
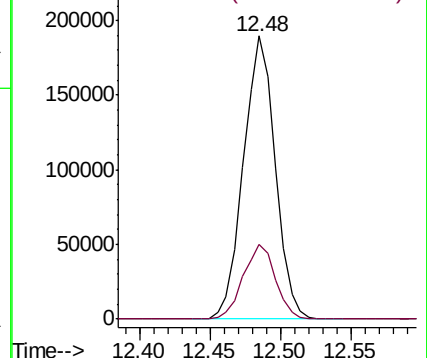
105 100

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: 19.075 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Tgt Ion: 43 Resp: 40389

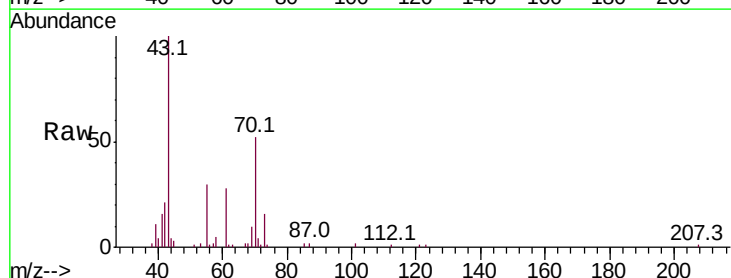
Ion Ratio Lower Upper

43 100

70 53.5 42.7 64.1

55 29.0 24.0 36.0

61 27.4 22.2 33.4

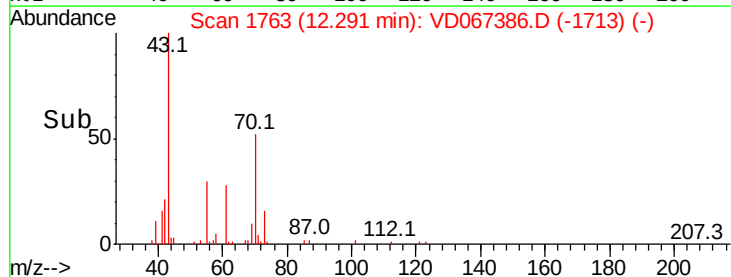
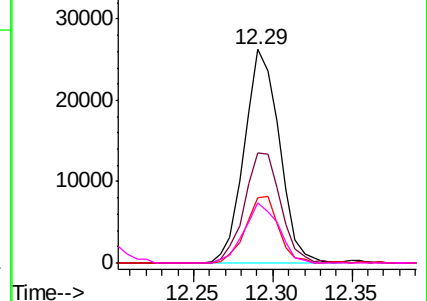


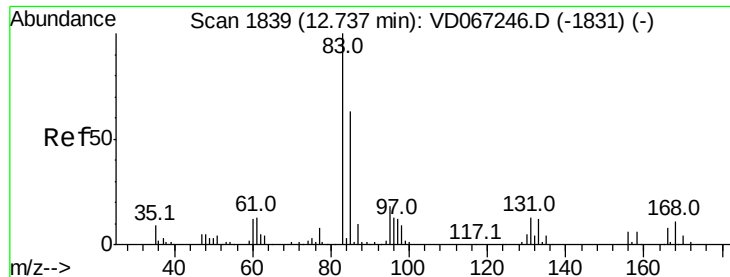
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.841 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

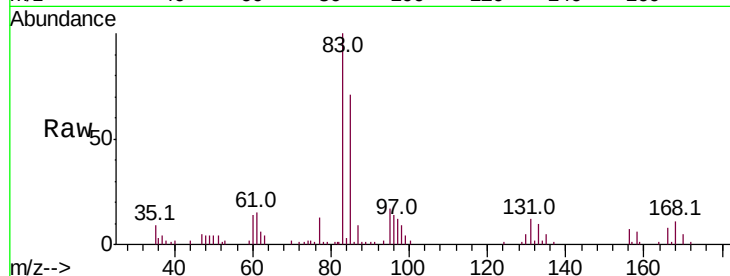
Tot Ion: 83 Resp: 42621

Ion Ratio Lower Upper

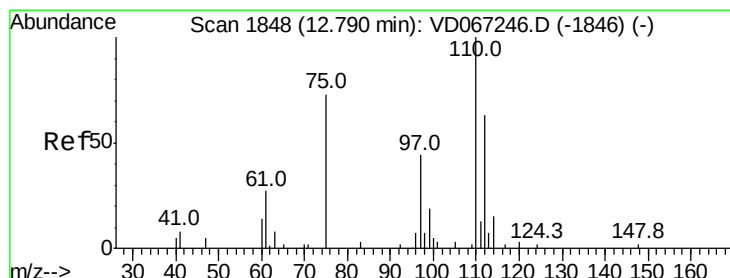
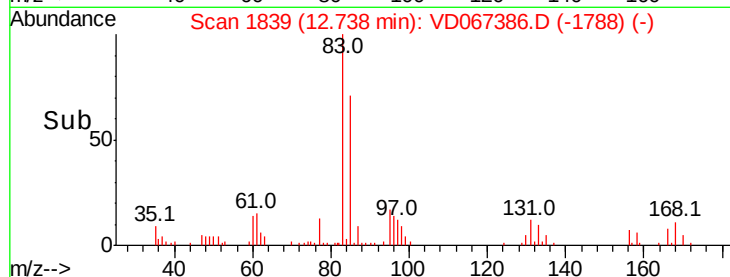
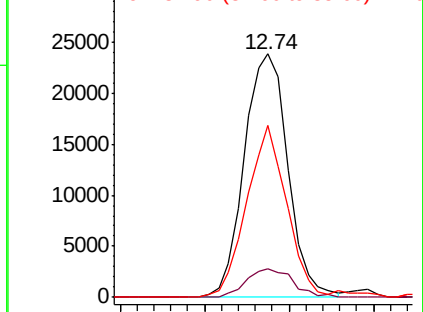
83 100

131 12.5 6.5 19.5

85 64.8 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: 37.268 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067386.D

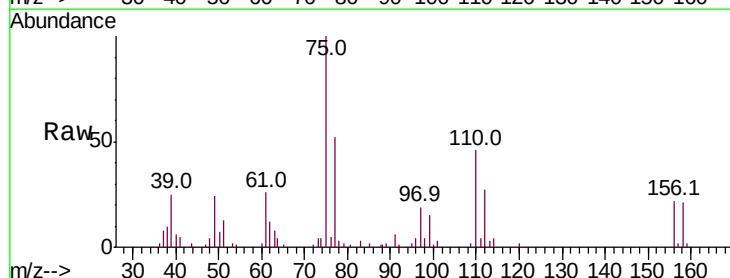
Acq: 26 Oct 2020 12:22

Tgt Ion: 75 Resp: 57057

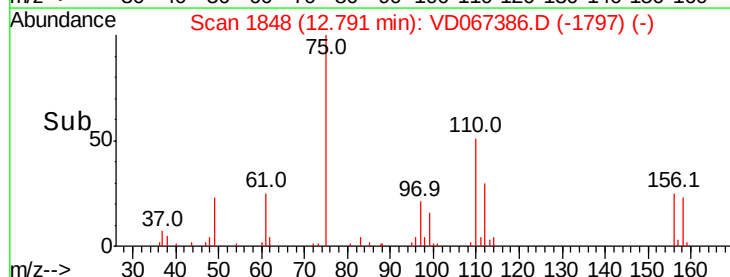
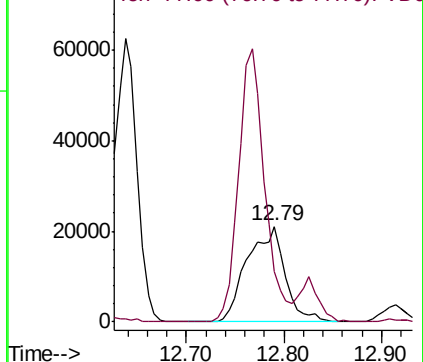
Ion Ratio Lower Upper

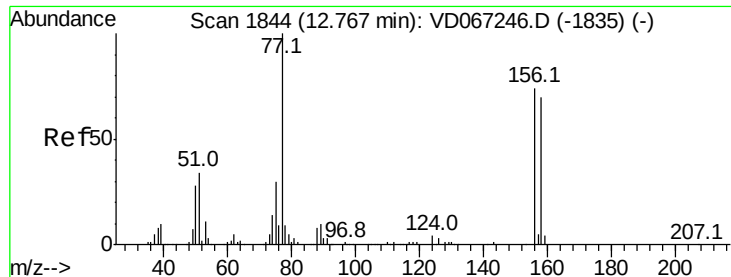
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.895 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

VD1026SBS01

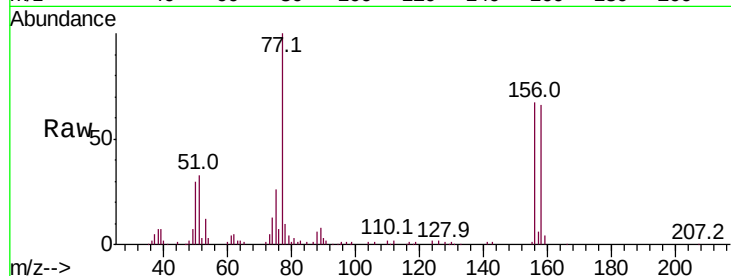
Tot Ion:156 Resp: 73031

Ion Ratio Lower Upper

156 100

77 154.9 78.0 233.8

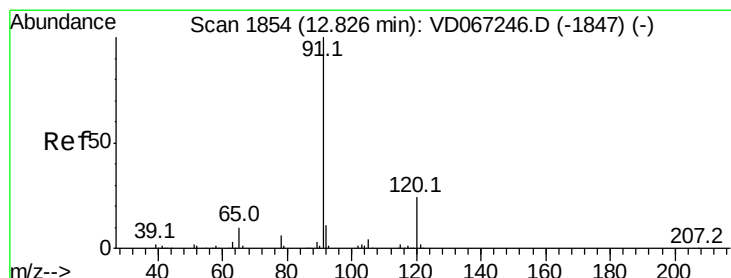
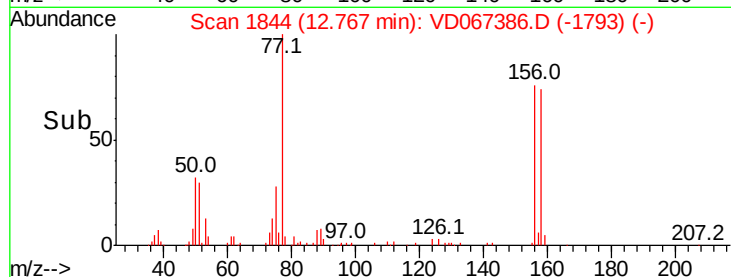
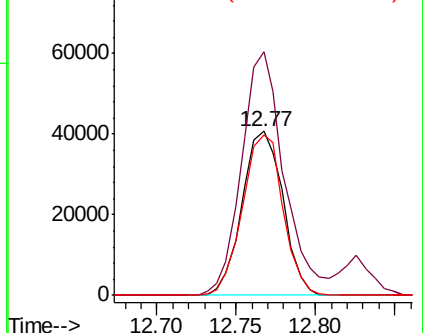
158 96.8 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.882 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067386.D

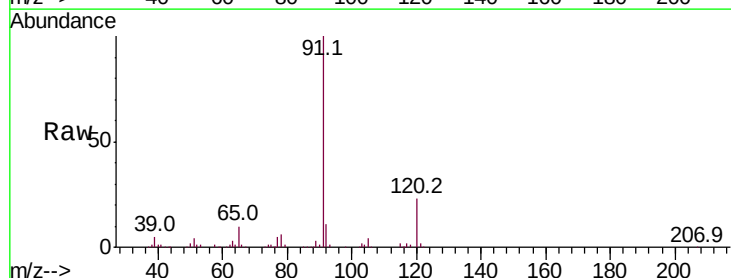
Acq: 26 Oct 2020 12:22

Tgt Ion: 91 Resp: 339182

Ion Ratio Lower Upper

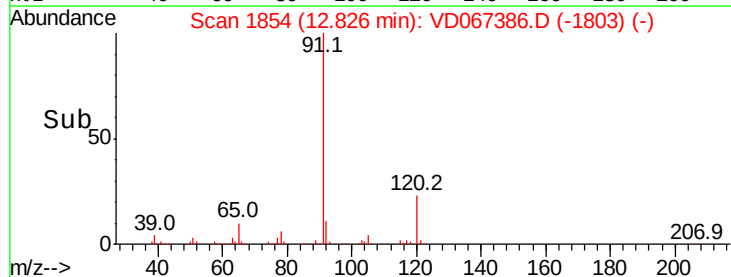
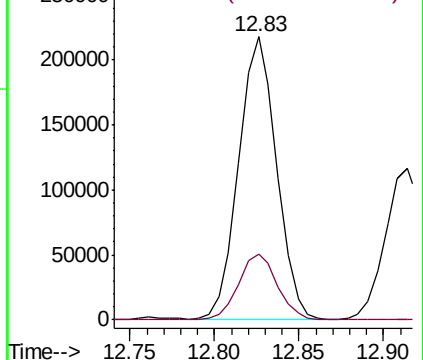
91 100

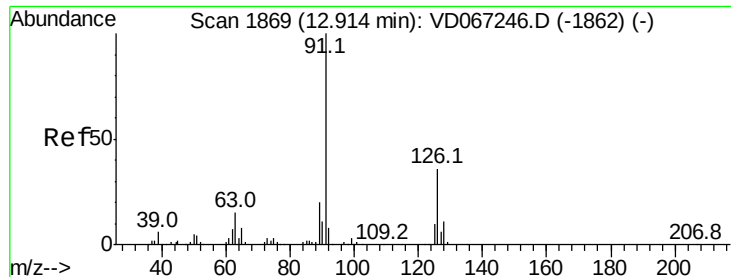
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.717 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

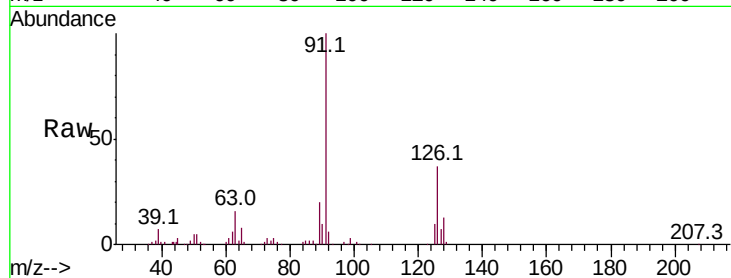
VD1026SBS01

Tot Ion: 91 Resp: 195145

Ion Ratio Lower Upper

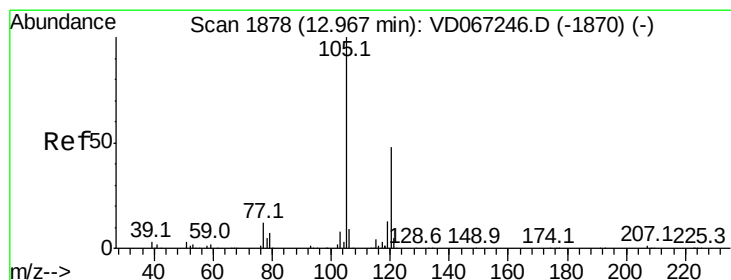
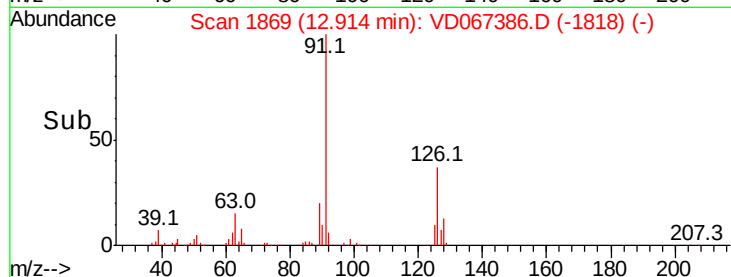
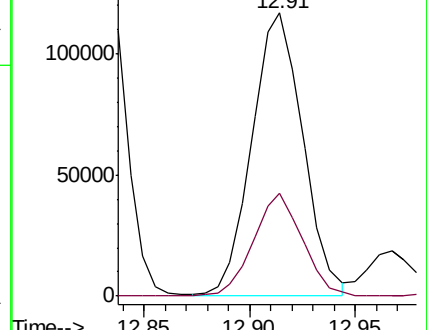
91 100

126 35.2 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.348 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067386.D

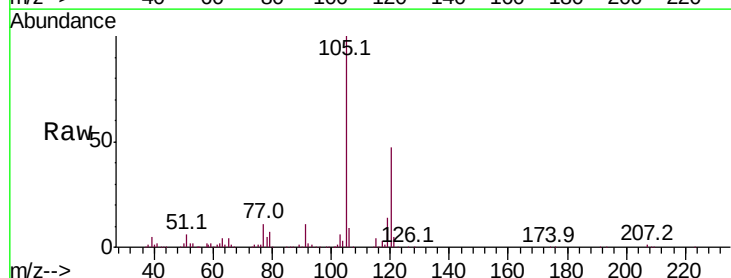
Acq: 26 Oct 2020 12:22

Tgt Ion: 105 Resp: 260075

Ion Ratio Lower Upper

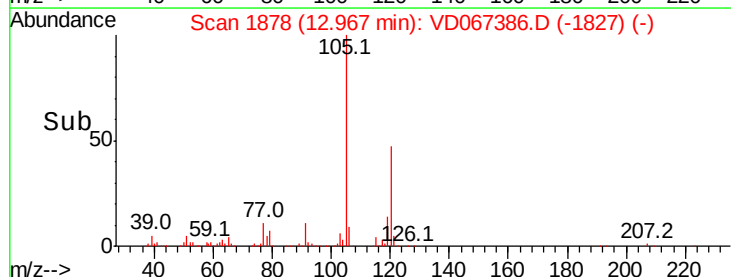
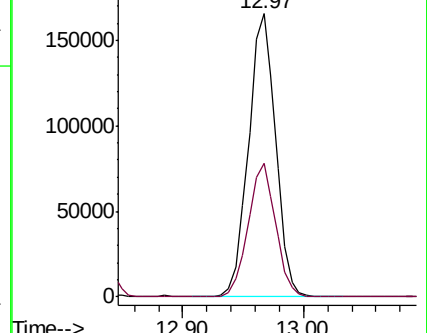
105 100

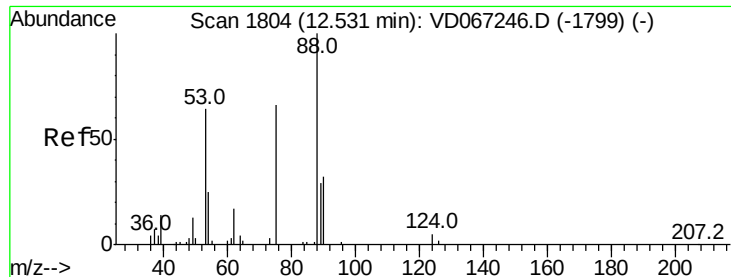
120 47.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

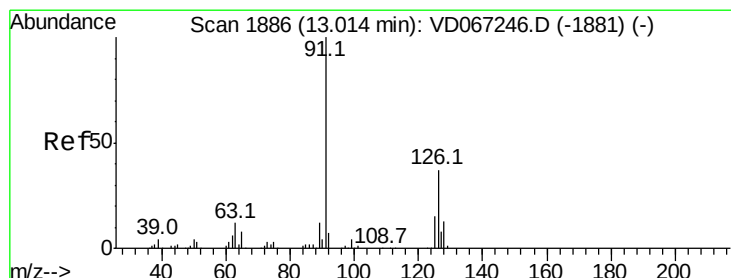
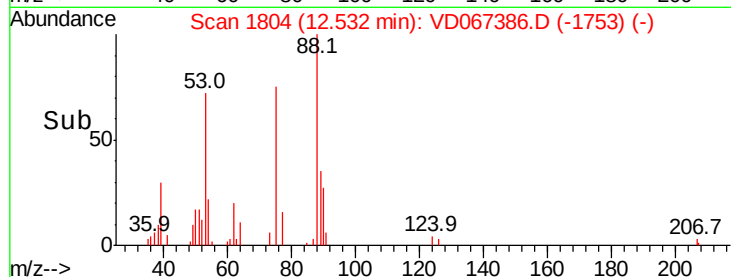
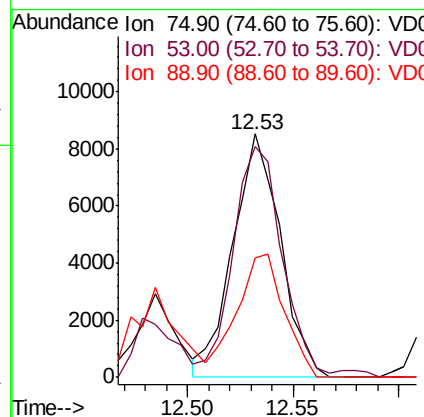
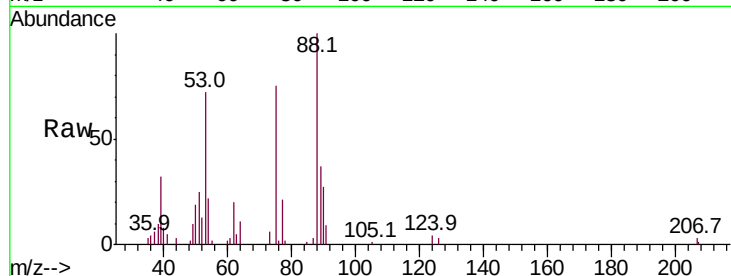




#81
trans-1,4-Dichloro-2-butene
Concen: 19.697 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

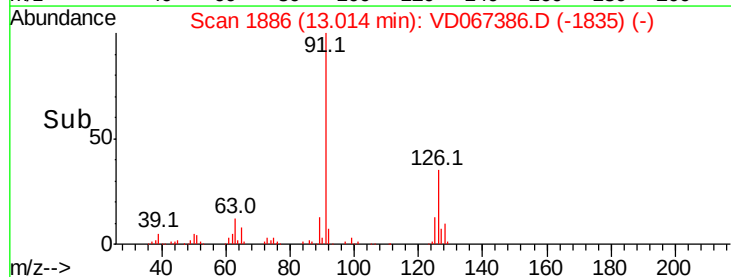
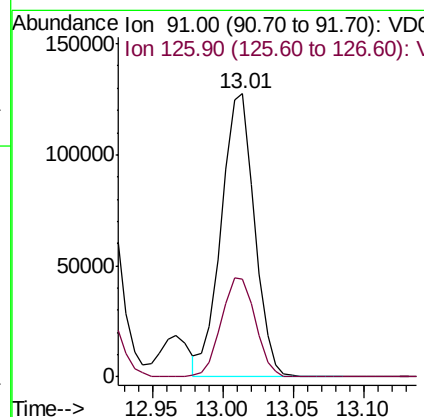
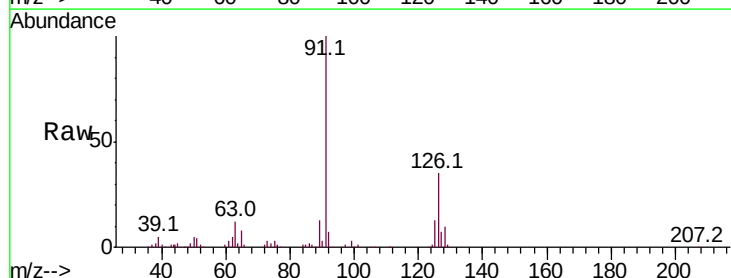
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

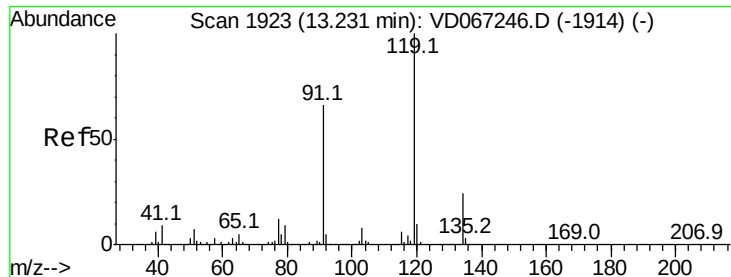
Tot Ion: 75 Resp: 13298
Ion Ratio Lower Upper
75 100
53 99.5 78.5 117.7
89 50.8 39.9 59.9



#82
4-Chlorotoluene
Concen: 20.884 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 91 Resp: 208793
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5

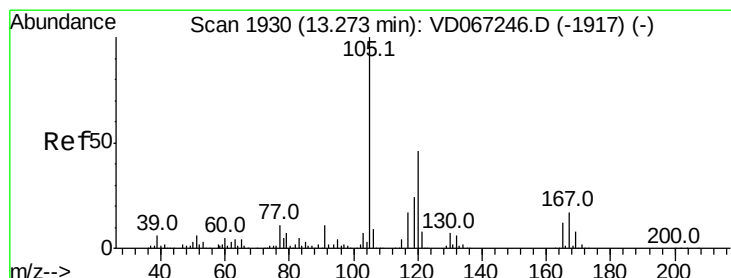
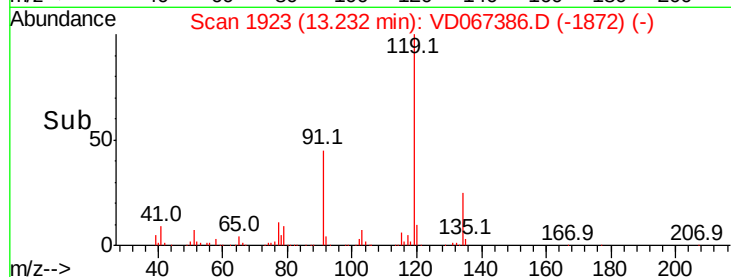
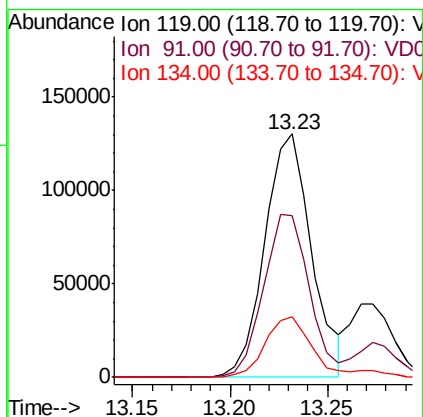
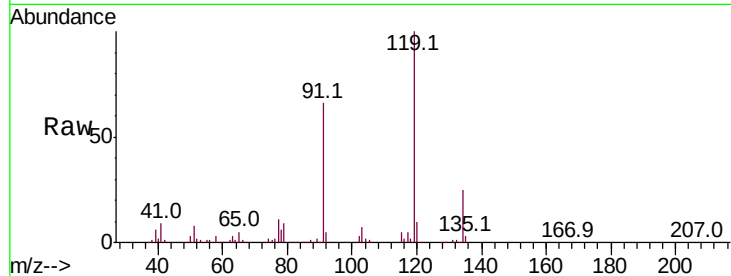




#83
 tert-Butylbenzene
 Concen: 21.057 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

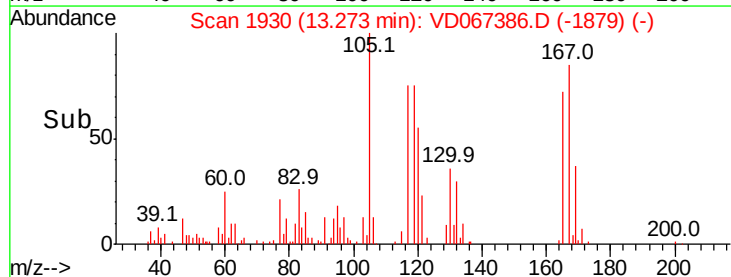
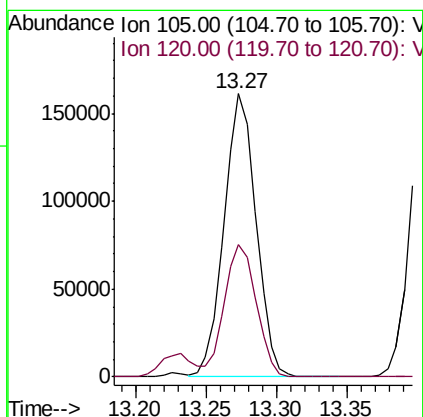
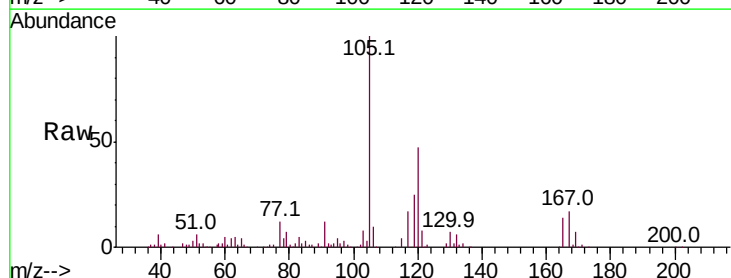
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

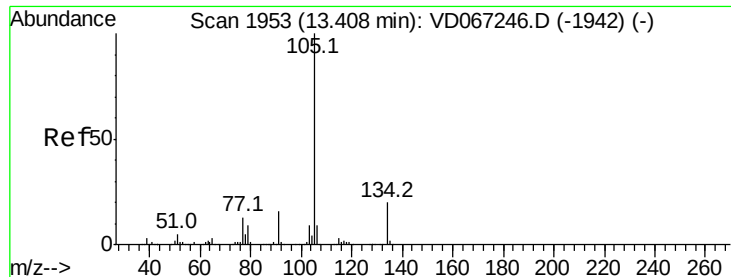
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	33.1	99.2
134	26.2	13.3	39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.164 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.4	67.3





#85

sec-Butylbenzene

Concen: 20.731 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

Instrument :

MSVOA_D

ClientSampleId :

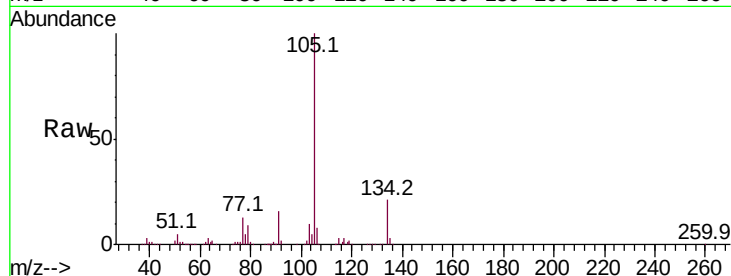
VD1026SBS01

Tot Ion:105 Resp: 292741

Ion Ratio Lower Upper

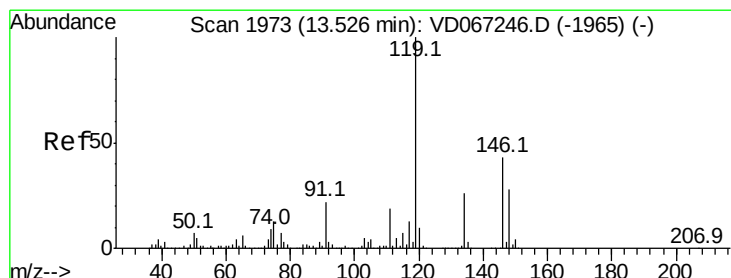
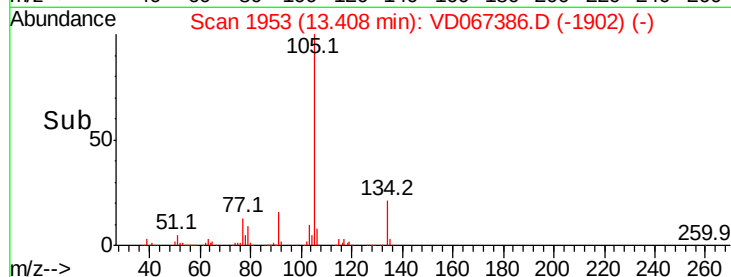
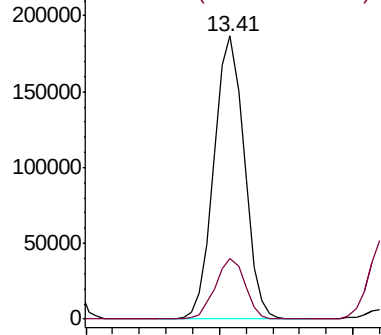
105 100

134 21.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.893 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067386.D

Acq: 26 Oct 2020 12:22

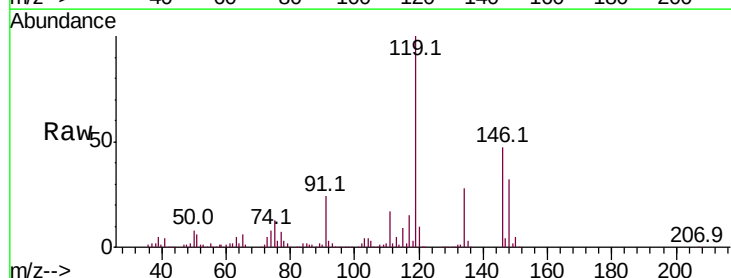
Tgt Ion:119 Resp: 278467

Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

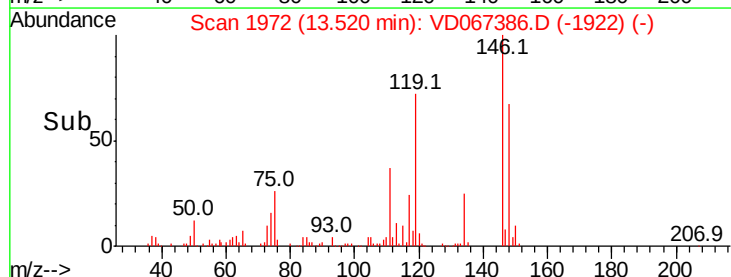
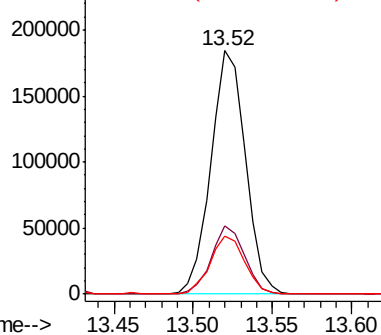
91 23.9 11.9 35.9

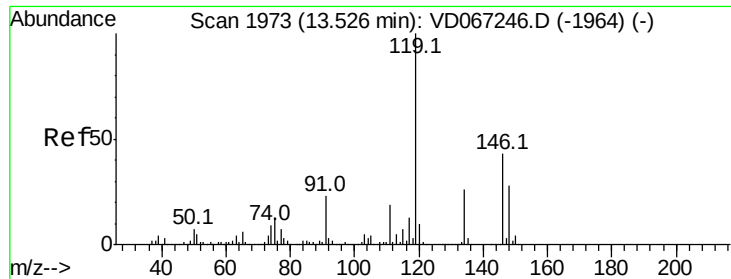


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

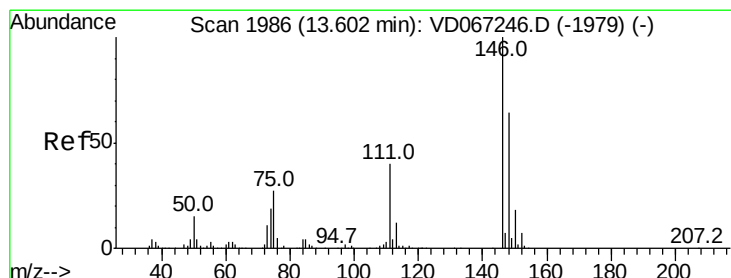
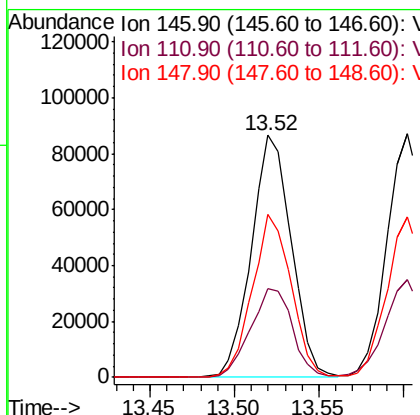
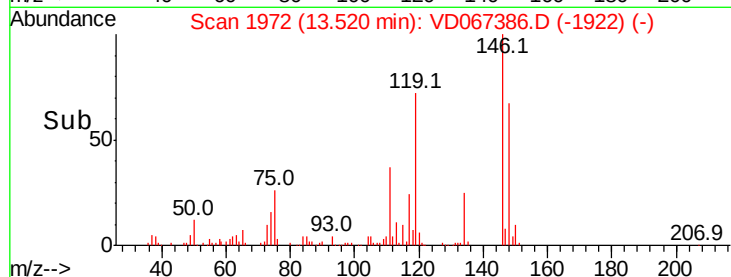
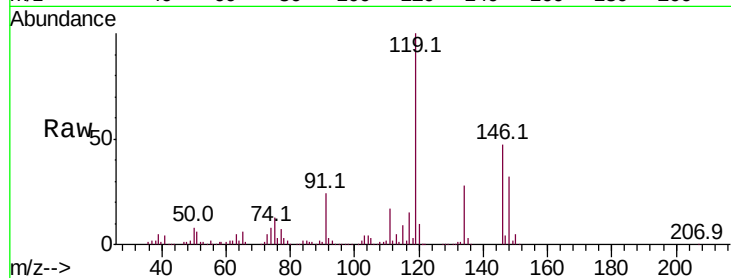




#87
 1,3-Dichlorobenzene
 Concen: 21.207 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

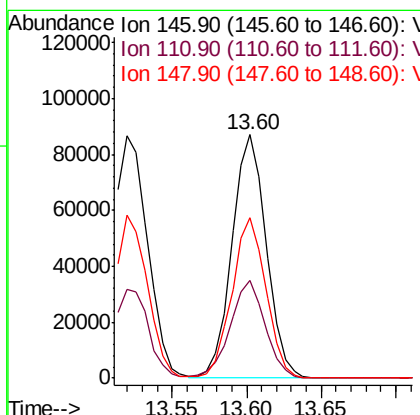
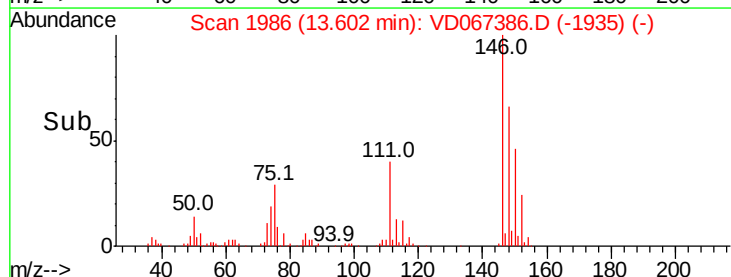
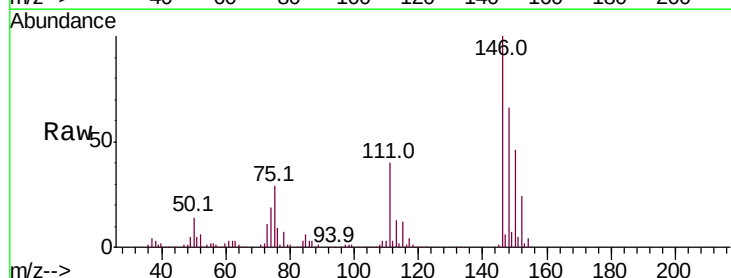
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

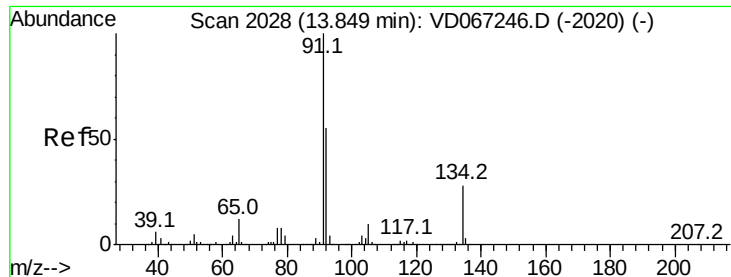
Tot Ion:146 Resp: 142666
 Ion Ratio Lower Upper
 146 100
 111 38.2 21.1 63.3
 148 65.3 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.905 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion:146 Resp: 139333
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.9 59.7
 148 65.6 31.9 95.9

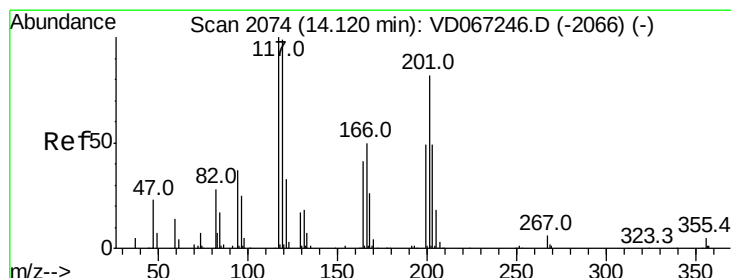
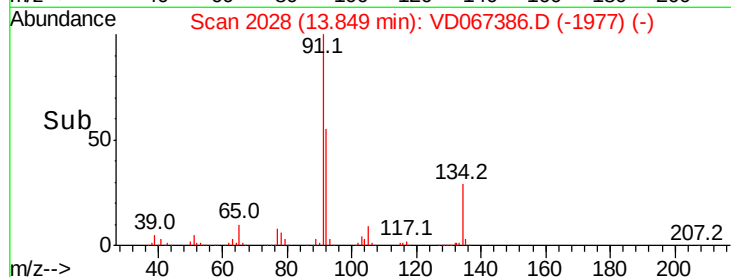
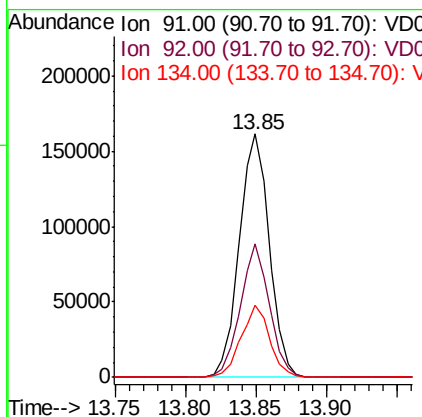
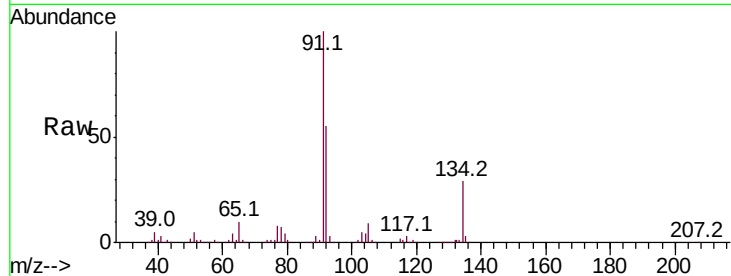




#89
n-Butylbenzene
Concen: 20.502 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

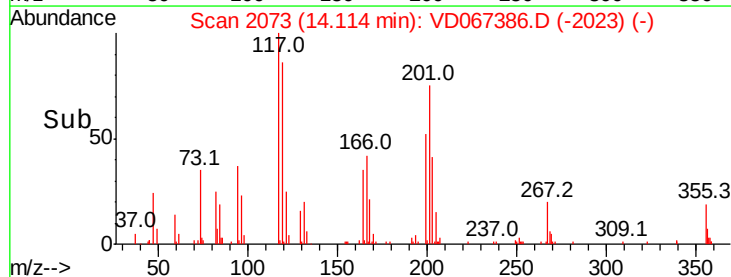
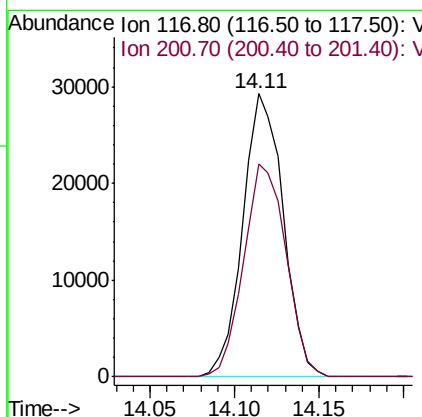
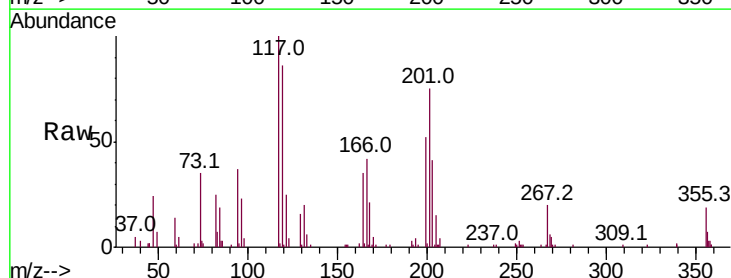
Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

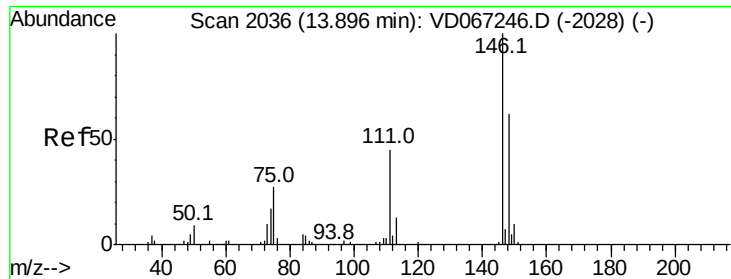
Tot Ion: 91 Resp: 240390
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.0
134 28.0 14.2 42.6



#90
Hexachloroethane
Concen: 20.973 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion: 117 Resp: 48780
Ion Ratio Lower Upper
117 100
201 78.8 40.8 122.2

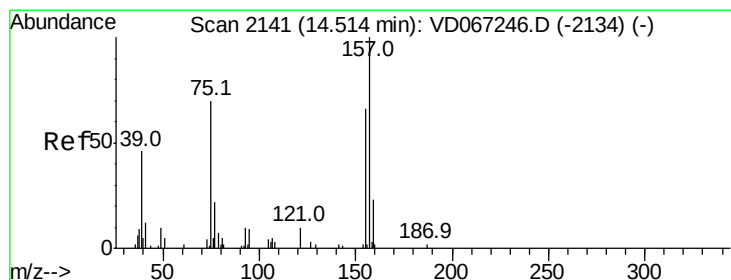
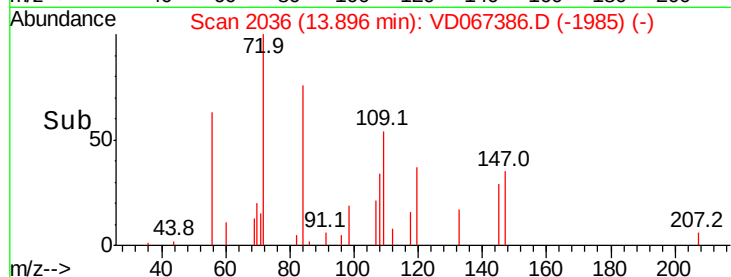
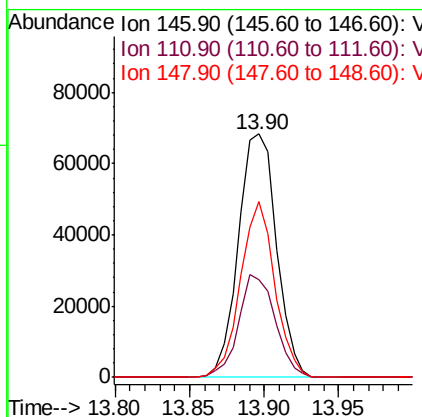
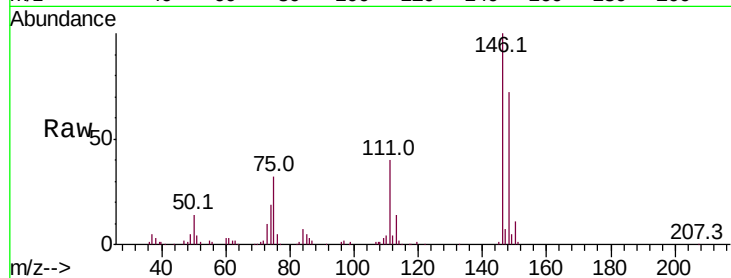




#91
 1,2-Dichlorobenzene
 Concen: 20.608 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

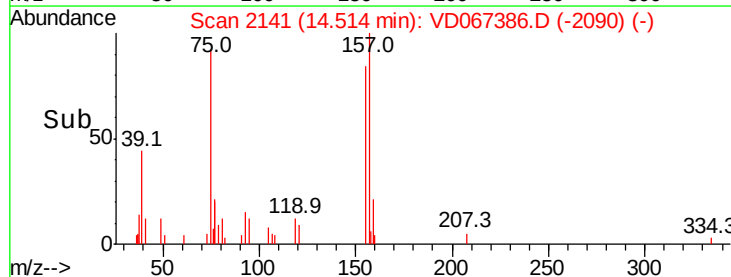
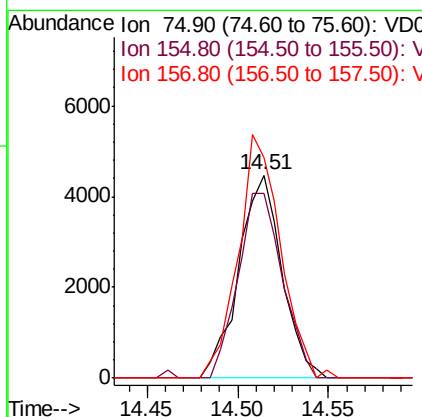
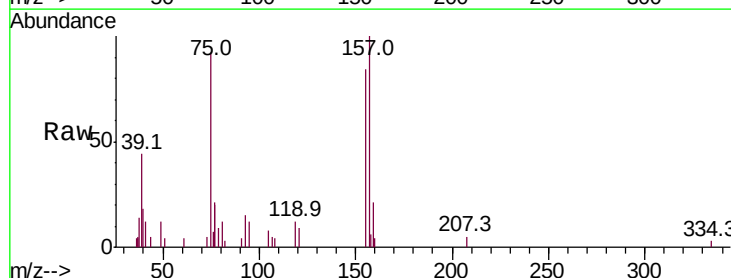
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

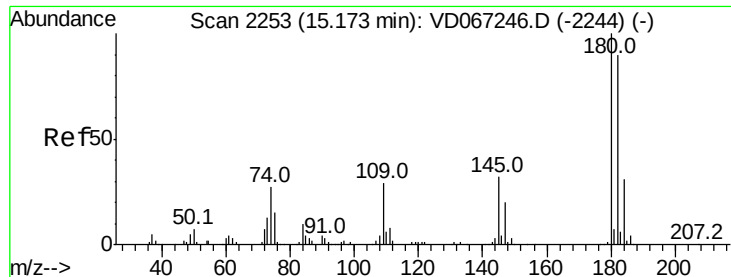
Tot Ion:146 Resp: 121112
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.0 66.0
 148 65.1 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.980 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion: 75 Resp: 7407
 Ion Ratio Lower Upper
 75 100
 155 93.5 44.8 134.4
 157 117.4 62.5 187.4

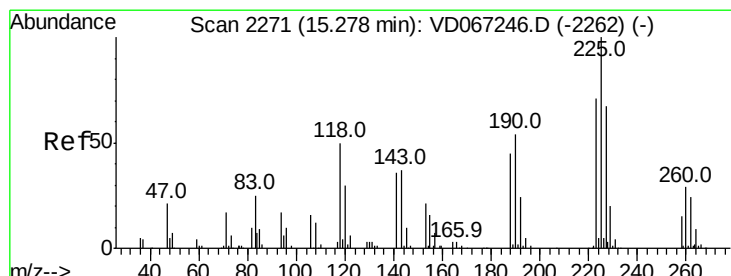
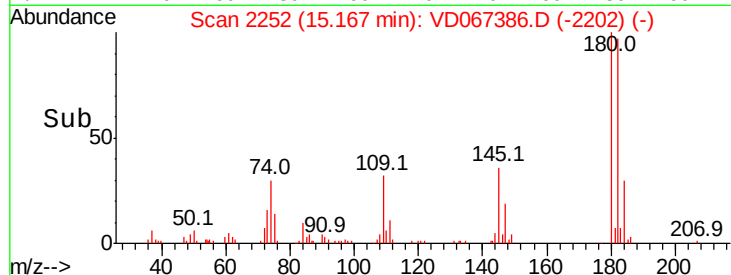
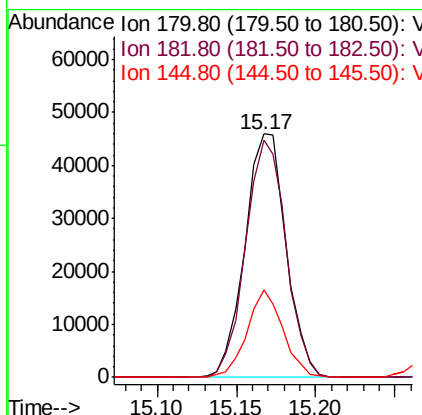
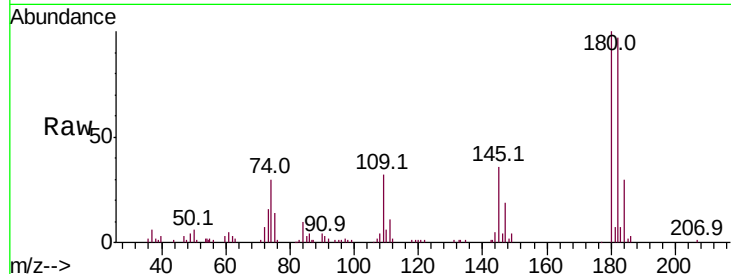




#93
 1,2,4-Trichlorobenzene
 Concen: 20.932 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

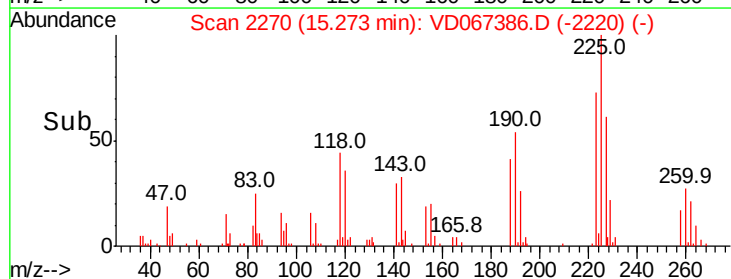
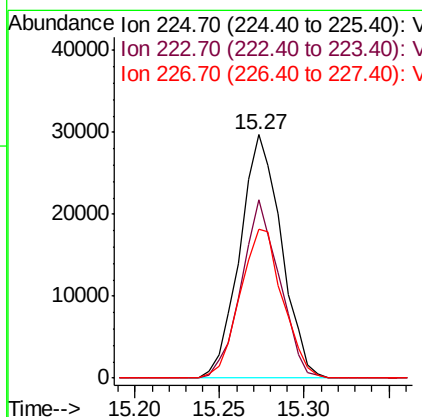
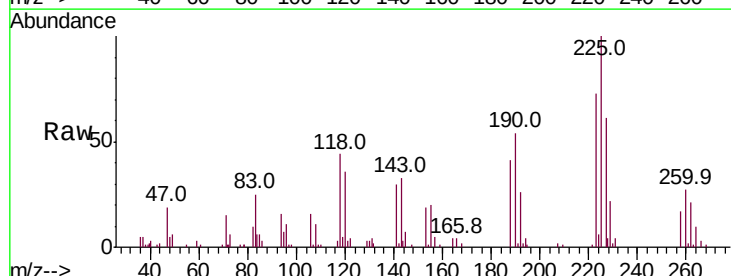
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

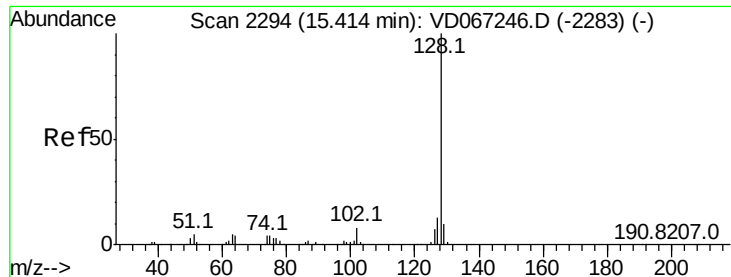
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.4
145	31.3	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 20.639 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067386.D
 Acq: 26 Oct 2020 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.4	31.9	95.7
227	62.9	31.2	93.6

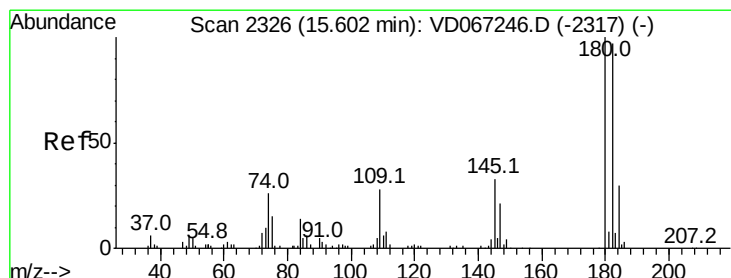
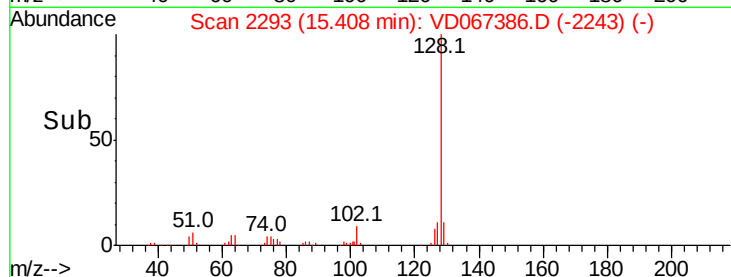
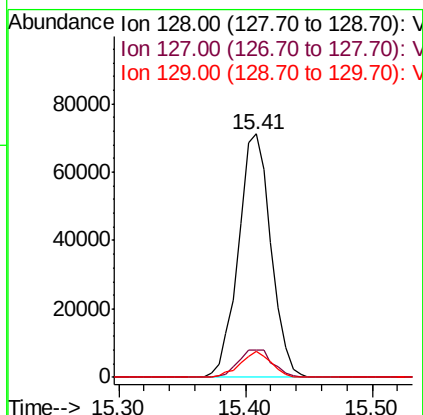
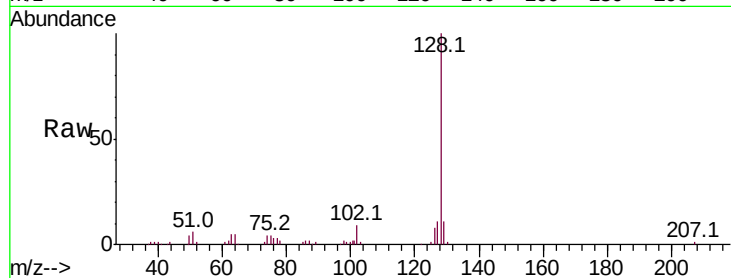




#95
Naphthalene
Concen: 19.440 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBS01

Tot Ion:128 Resp: 126471
Ion Ratio Lower Upper
128 100
127 12.2 10.4 15.6
129 10.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.277 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD067386.D
Acq: 26 Oct 2020 12:22

Tgt Ion:180 Resp: 72836
Ion Ratio Lower Upper
180 100
182 93.7 48.1 144.3
145 32.4 17.3 51.9

