

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067406.D
 Acq On : 27 Oct 2020 12:44
 Operator : VA/SY
 Sample : VD1027SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBS01

Quant Time: Oct 28 00:44:27 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	302226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	455107	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	419914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	216937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	152382	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.92	113	154689	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	10.34	98	559273	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.64	95	202122	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	52556	18.949	ug/l	89
3) Chloromethane	2.21	50	36324	19.097	ug/l	99
4) Vinyl Chloride	2.35	62	39676	19.011	ug/l	98
5) Bromomethane	2.76	94	30817	19.801	ug/l	91
6) Chloroethane	2.91	64	24536	18.878	ug/l	91
7) Trichlorofluoromethane	3.27	101	109901	20.913	ug/l	98
8) Diethyl Ether	3.71	74	23286	19.364	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	58332	20.892	ug/l	100
10) Methyl Iodide	4.30	142	49937	19.389	ug/l	99
11) Tert butyl alcohol	5.21	59	20410	102.806	ug/l #	94
12) 1,1-Dichloroethene	4.07	96	53242	21.345	ug/l	92
13) Acrolein	3.93	56	8989	67.033	ug/l	99
14) Allyl chloride	4.71	41	56454	19.764	ug/l	99
15) Acrylonitrile	5.41	53	41648	103.797	ug/l	98
16) Acetone	4.16	43	43754	103.181	ug/l	99
17) Carbon Disulfide	4.40	76	133174	18.728	ug/l	100
18) Methyl Acetate	4.72	43	19834	20.507	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	101418	20.448	ug/l	98
20) Methylene Chloride	4.96	84	65824	21.692	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	58879	20.512	ug/l	95
22) Diisopropyl ether	6.37	45	114228	21.891	ug/l	91
23) Vinyl Acetate	6.31	43	303218	102.139	ug/l	100
24) 1,1-Dichloroethane	6.27	63	97070	21.732	ug/l	99
25) 2-Butanone	7.22	43	50244	103.944	ug/l	96
26) 2,2-Dichloropropane	7.21	77	96451	20.949	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	64531	20.513	ug/l	99
28) Bromochloromethane	7.55	49	28943	18.997	ug/l	96
29) Tetrahydrofuran	7.57	42	26718	99.435	ug/l	94
30) Chloroform	7.71	83	114011	21.367	ug/l	92
31) Cyclohexane	7.99	56	71847	20.602	ug/l #	93
32) 1,1,1-Trichloroethane	7.91	97	110468	21.100	ug/l	96
36) 1,1-Dichloropropene	8.11	75	79246	20.544	ug/l	98
37) Ethyl Acetate	7.30	43	22701	20.003	ug/l	97
38) Carbon Tetrachloride	8.10	117	104098	21.115	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
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 Sample : VD1027SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1027SBSD01

Quant Time: Oct 28 00:44:27 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	81430	20.193	ug/l	95
40) Benzene	8.36	78	221551	20.936	ug/l	98
41) Methacrylonitrile	7.52	41	10321	16.829	ug/l #	85
42) 1,2-Dichloroethane	8.43	62	71288	21.526	ug/l	100
43) Isopropyl Acetate	8.46	43	45297	20.115	ug/l	94
44) Trichloroethene	9.11	130	70311	20.752	ug/l	92
45) 1,2-Dichloropropane	9.39	63	50544	20.609	ug/l	99
46) Dibromomethane	9.48	93	31081	20.341	ug/l	95
47) Bromodichloromethane	9.67	83	87639	21.407	ug/l	96
48) Methyl methacrylate	9.46	41	20677	18.894	ug/l	96
49) 1,4-Dioxane	9.47	88	6130	396.210	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	116275	103.522	ug/l	100
52) Toluene	10.41	92	155918	21.633	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	75931	21.113	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	86713	20.603	ug/l	94
55) 1,1,2-Trichloroethane	10.81	97	43488	20.871	ug/l #	87
56) Ethyl methacrylate	10.67	69	45219	20.925	ug/l	97
57) 1,3-Dichloropropane	10.95	76	69890	21.076	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.94	63	116892	105.442	ug/l	99
59) 2-Hexanone	10.99	43	79047	102.991	ug/l	97
60) Dibromochloromethane	11.14	129	63338	20.843	ug/l	99
61) 1,2-Dibromoethane	11.25	107	42707	20.790	ug/l	99
64) Tetrachloroethene	10.88	164	63291	20.803	ug/l	91
65) Chlorobenzene	11.67	112	170978	21.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	69252	21.639	ug/l	99
67) Ethyl Benzene	11.75	91	295211	21.387	ug/l	99
68) m/p-Xylenes	11.86	106	231109	43.479	ug/l	99
69) o-Xylene	12.18	106	104453	21.221	ug/l	94
70) Styrene	12.20	104	178819	21.104	ug/l	99
71) Bromoform	12.37	173	37237	21.658	ug/l #	99
73) Isopropylbenzene	12.48	105	295325	21.450	ug/l	99
74) N-amyl acetate	12.29	43	42520	20.448	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	44421	21.056	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	60102	39.973	ug/l #	100
77) Bromobenzene	12.77	156	73307	21.356	ug/l	99
78) n-propylbenzene	12.83	91	340768	21.362	ug/l	99
79) 2-Chlorotoluene	12.91	91	197316	21.329	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	253785	21.211	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13621	20.543	ug/l	93
82) 4-Chlorotoluene	13.01	91	209776	21.365	ug/l	99
83) tert-Butylbenzene	13.23	119	221702	21.936	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	257394	21.766	ug/l	100
85) sec-Butylbenzene	13.41	105	295988	21.344	ug/l	98
86) p-Isopropyltoluene	13.52	119	281901	21.537	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	143600	21.735	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	141760	21.657	ug/l	100
89) n-Butylbenzene	13.85	91	241560	20.977	ug/l	100
90) Hexachloroethane	14.12	117	48270	21.132	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	122130	21.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7731	20.172	ug/l	97

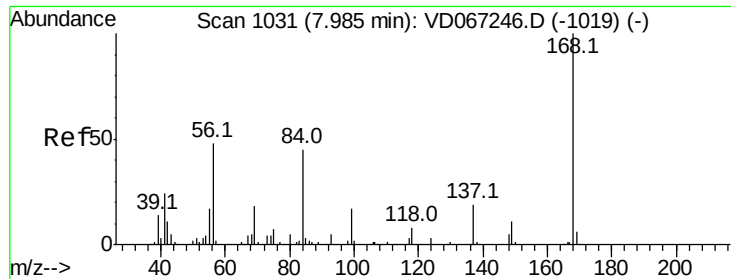
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
Data File : VD067406.D
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Operator : VA/SY
Sample : VD1027SBSD01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

Quant Time: Oct 28 00:44:27 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)
93) 1,2,4-Trichlorobenzene	15.17	180	81320	20.897	ug/l	99
94) Hexachlorobutadiene	15.27	225	53218	22.022	ug/l	98
95) Naphthalene	15.41	128	127046	19.885	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	72471	21.557	ug/l	99

(#) = 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: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

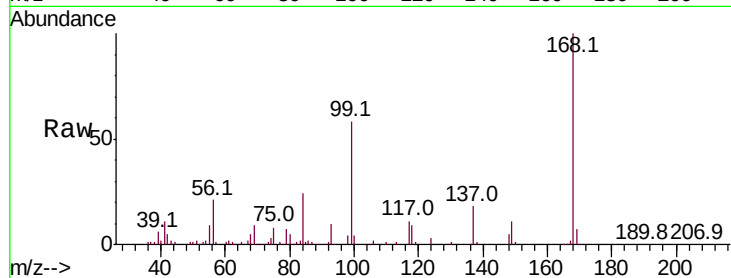
VD1027SBSD01

Tot Ion:168 Resp: 302226

Ion Ratio Lower Upper

168 100

99 57.6 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

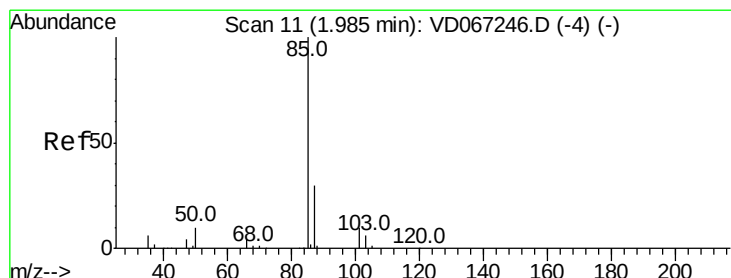
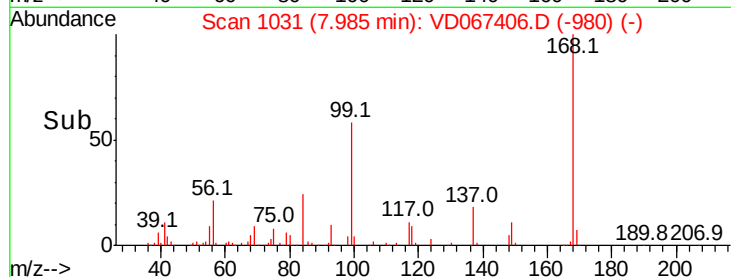
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.949 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067406.D

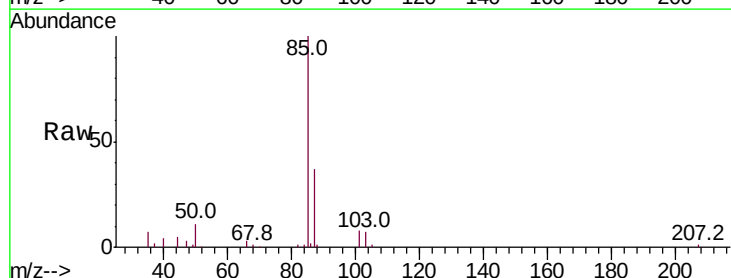
Acq: 27 Oct 2020 12:44

Tgt Ion: 85 Resp: 52556

Ion Ratio Lower Upper

85 100

87 36.6 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

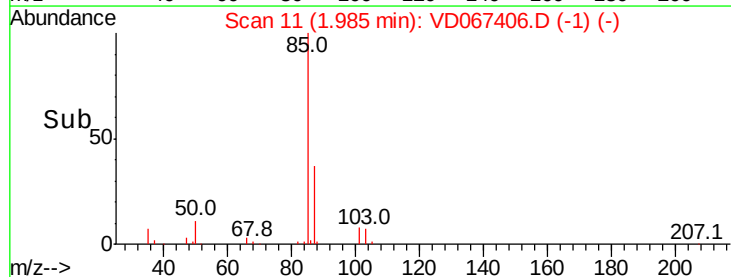
20000

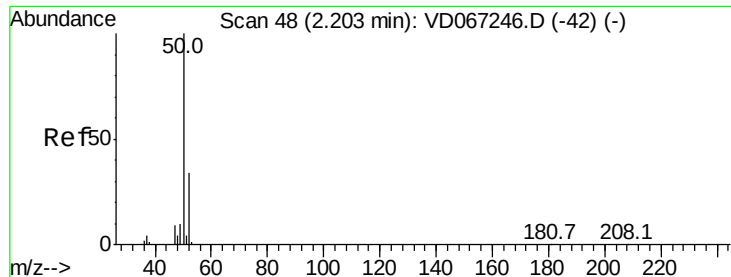
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 19.097 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

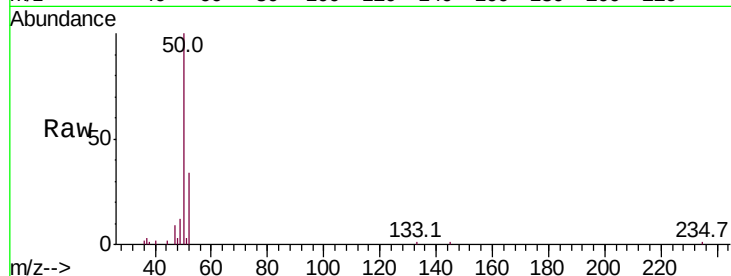
VD1027SBS01

Tot Ion: 50 Resp: 36324

Ion Ratio Lower Upper

50 100

52 33.5 27.1 40.7



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

30000

25000

20000

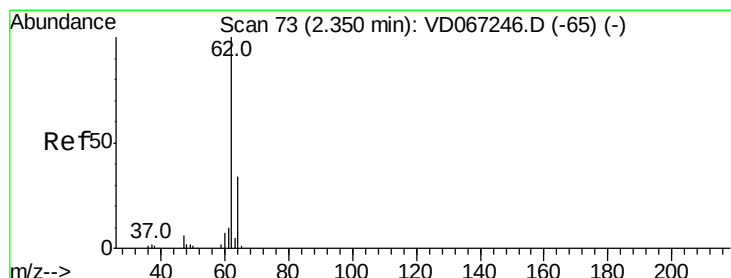
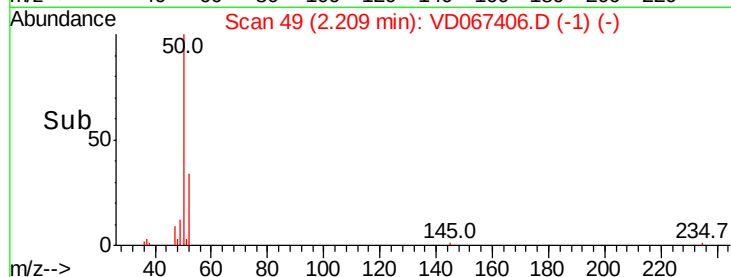
15000

10000

5000

0

Time--> 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 19.011 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067406.D

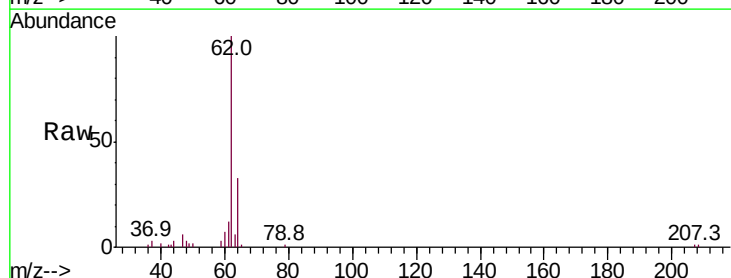
Acq: 27 Oct 2020 12:44

Tgt Ion: 62 Resp: 39676

Ion Ratio Lower Upper

62 100

64 32.9 27.4 41.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

25000

20000

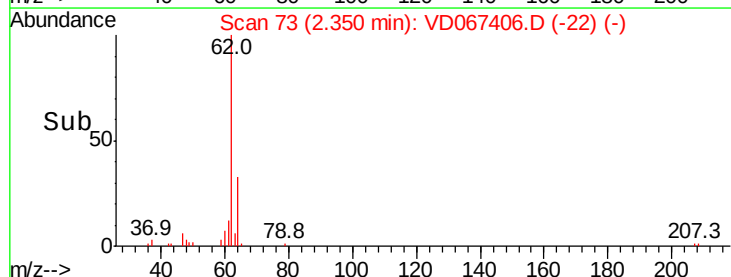
15000

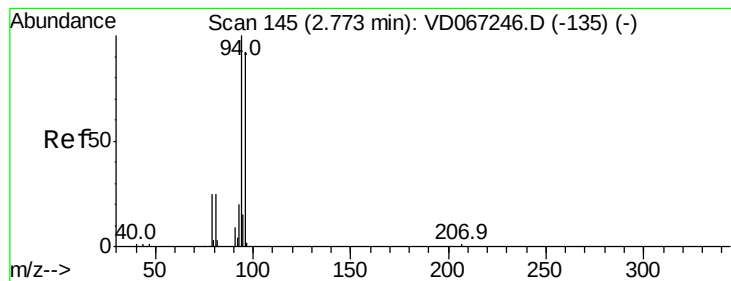
10000

5000

0

Time--> 2.30 2.35 2.40





#5

Bromomethane

Concen: 19.801 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

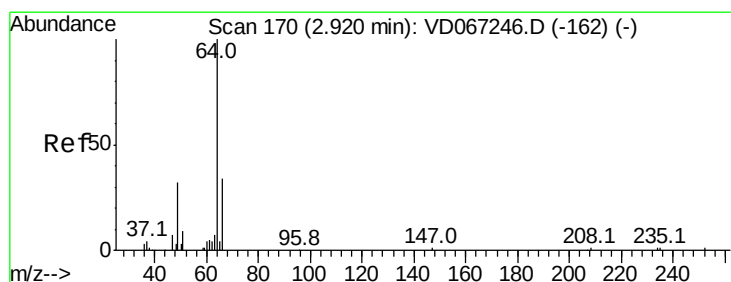
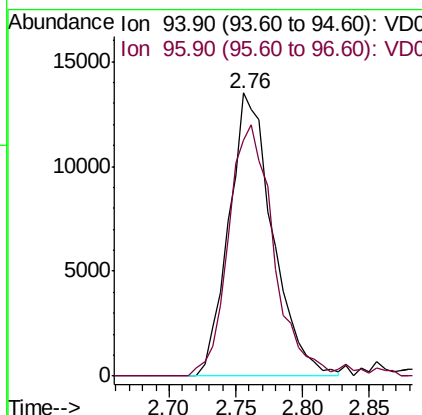
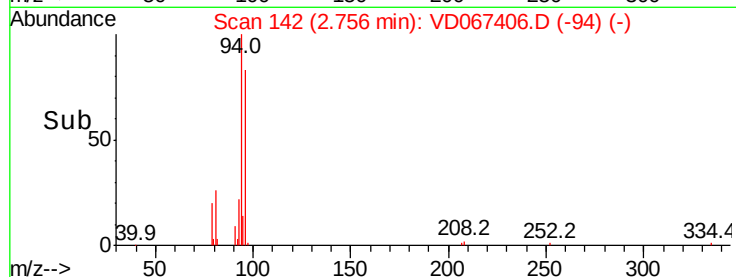
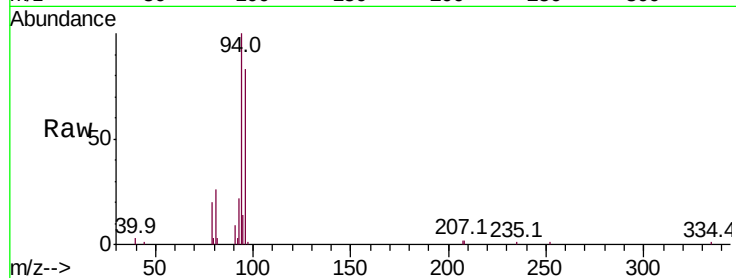
VD1027SBSD01

Tot Ion: 94 Resp: 30817

Ion Ratio Lower Upper

94 100

96 83.3 73.8 110.6



#6

Chloroethane

Concen: 18.878 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067406.D

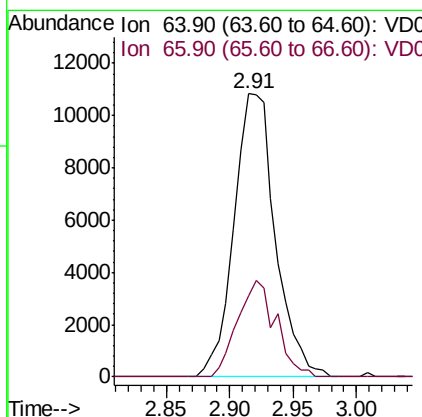
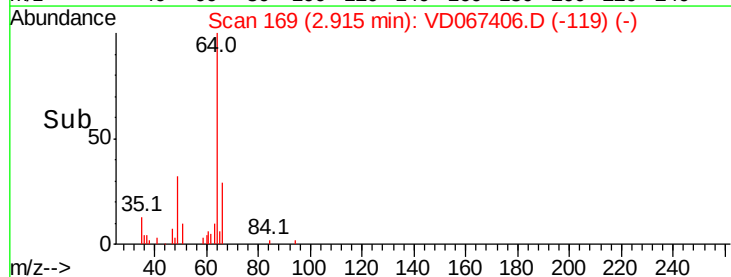
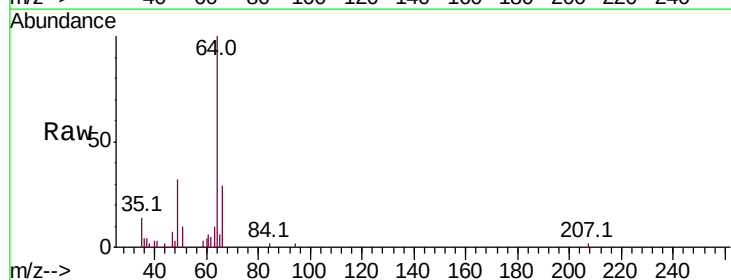
Acq: 27 Oct 2020 12:44

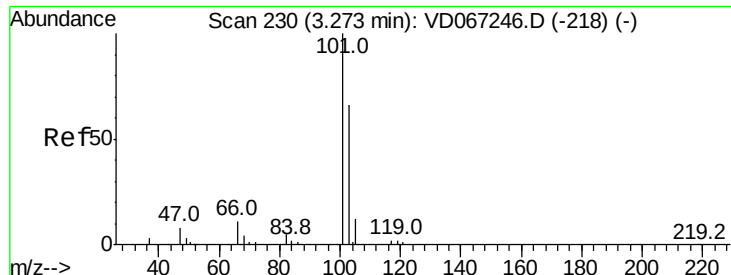
Tgt Ion: 64 Resp: 24536

Ion Ratio Lower Upper

64 100

66 28.8 27.4 41.0



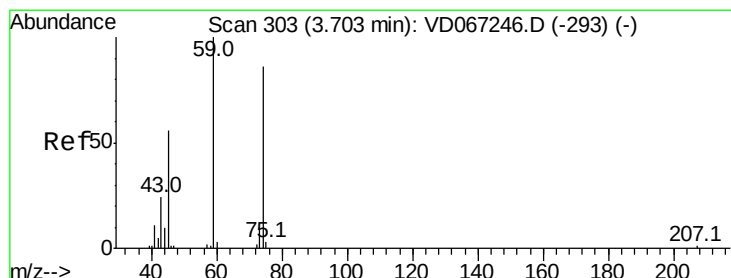
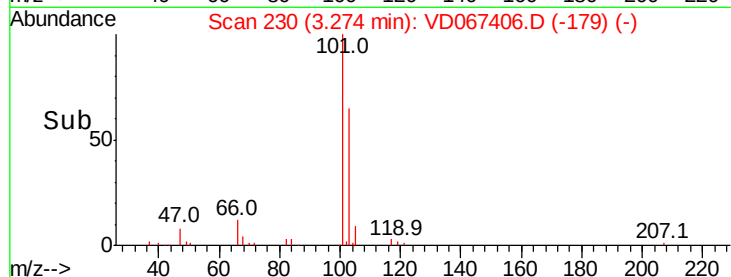
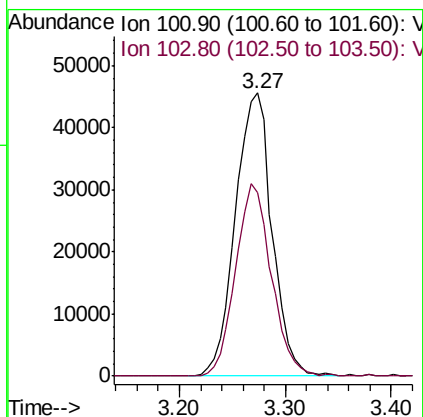
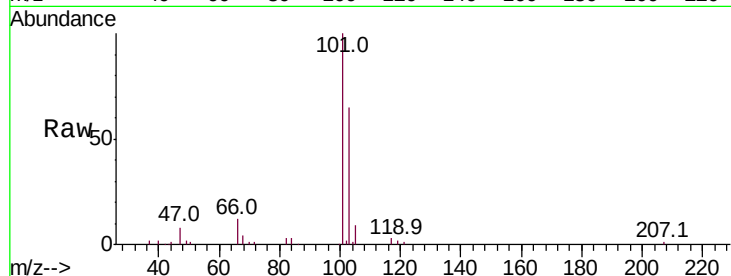


#7

Trichlorofluoromethane
Concen: 20.913 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

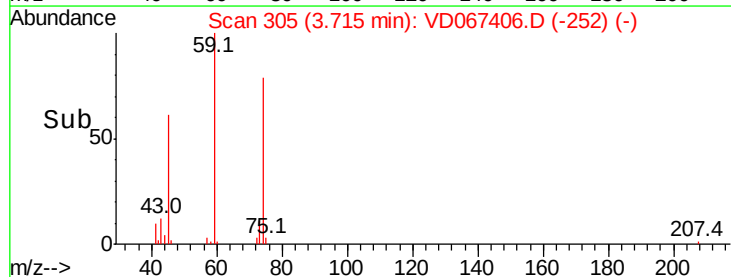
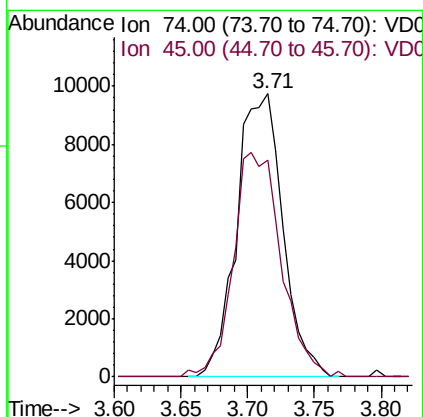
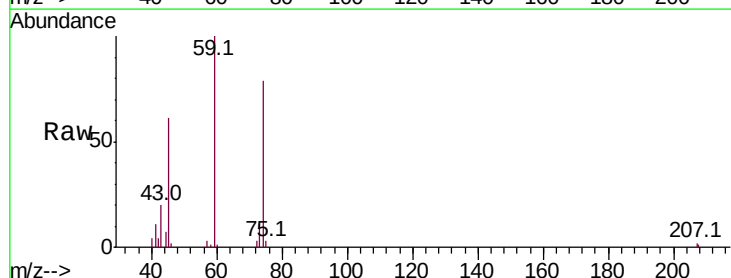
Tot Ion:101 Resp: 109901
Ion Ratio Lower Upper
101 100
103 64.9 53.1 79.7

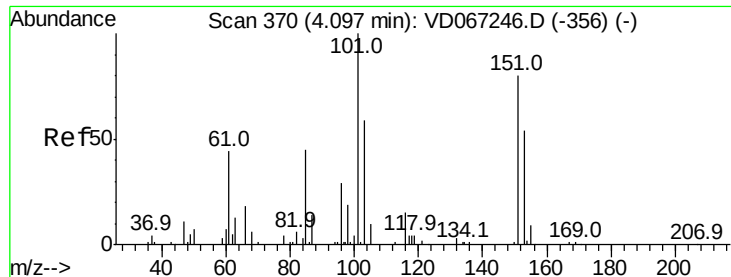


#8

Diethyl Ether
Concen: 19.364 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 74 Resp: 23286
Ion Ratio Lower Upper
74 100
45 82.3 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.892 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBSD01

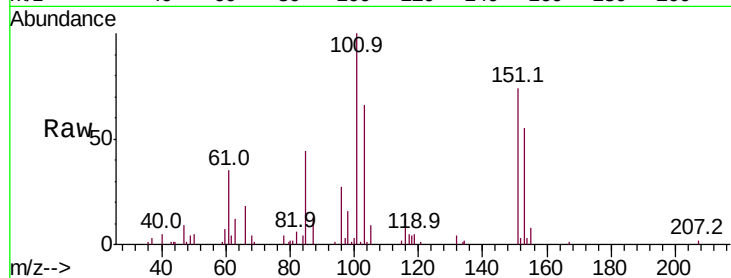
Tot Ion:101 Resp: 58332

Ion Ratio Lower Upper

101 100

85 42.8 34.2 51.4

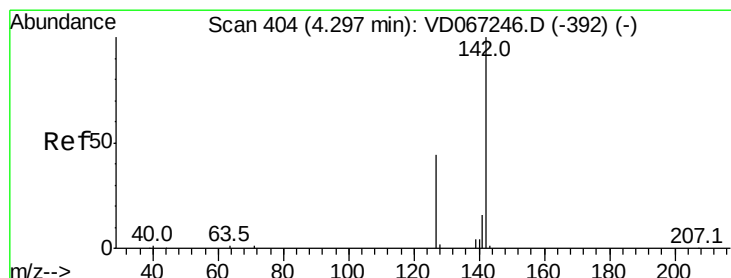
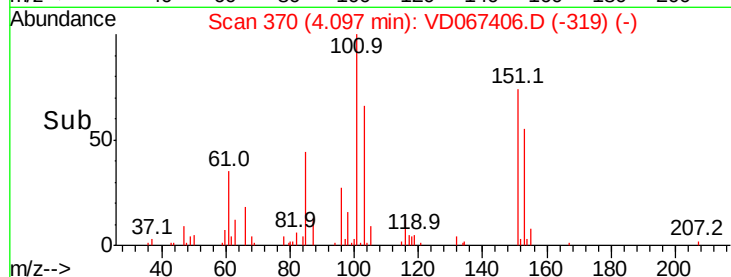
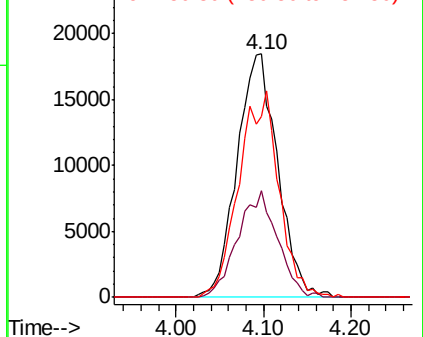
151 83.3 66.3 99.5



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: 19.389 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

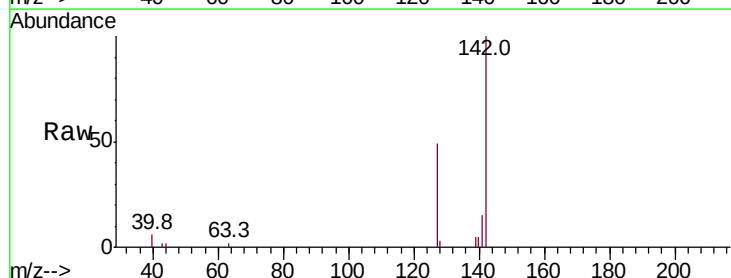
Tgt Ion:142 Resp: 49937

Ion Ratio Lower Upper

142 100

127 48.6 38.4 57.6

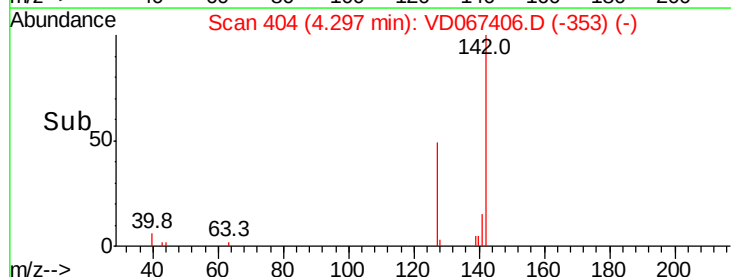
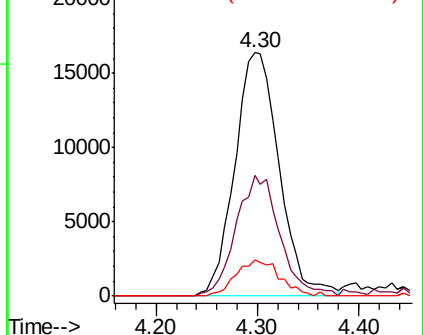
141 14.5 11.6 17.4

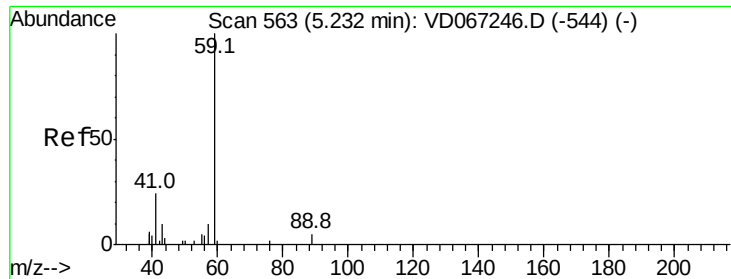


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



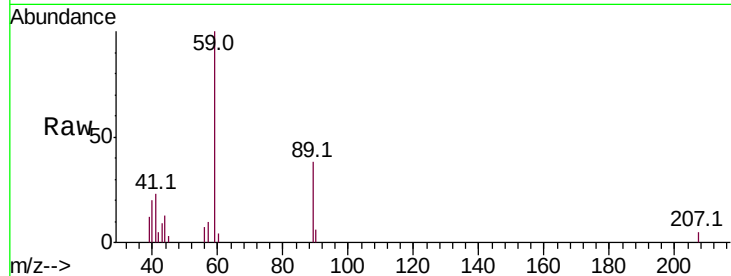


#11

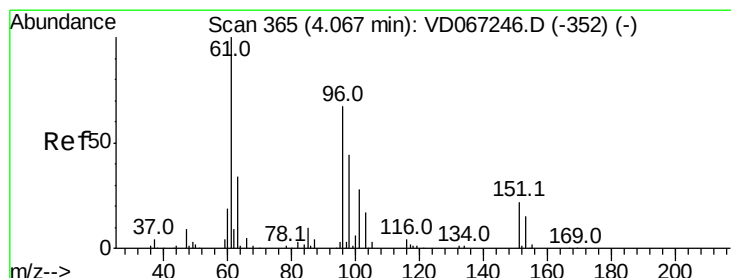
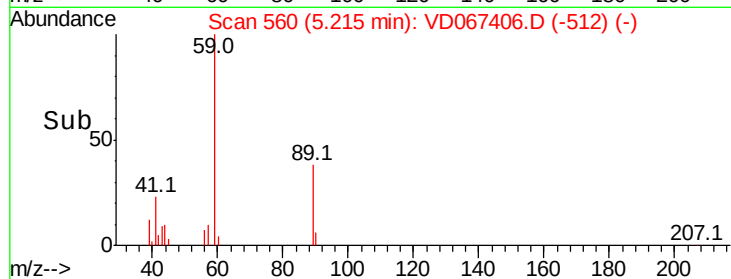
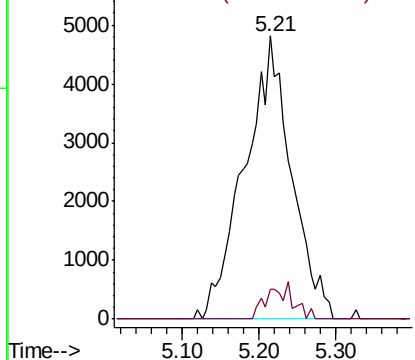
Tert butyl alcohol
 Concen: 102.806 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBS01

Tot Ion: 59 Resp: 20410
 Ion Ratio Lower Upper
 59 100
 57 4.4 5.1 7.7#



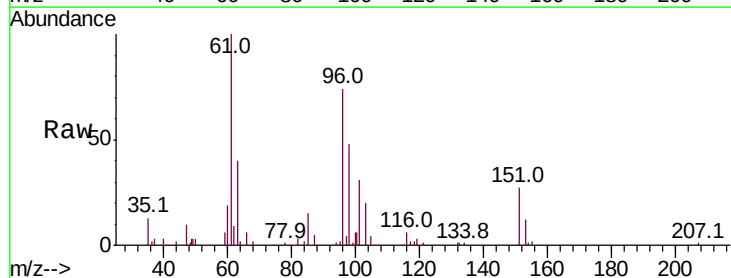
Abundance Ion 59.00 (58.70 to 59.70): VDC
 Ion 57.00 (56.70 to 57.70): VDC



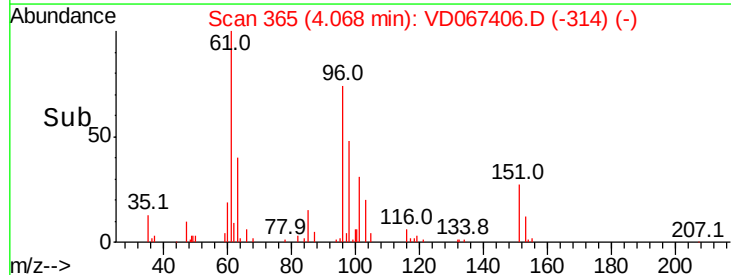
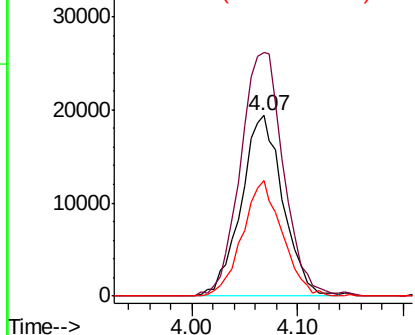
#12

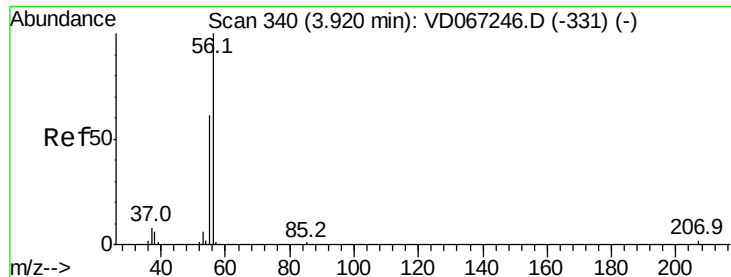
1,1-Dichloroethene
 Concen: 21.345 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion: 96 Resp: 53242
 Ion Ratio Lower Upper
 96 100
 61 134.7 118.6 177.8
 98 64.2 51.8 77.6



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





#13

Acrolein

Concen: 67.033 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

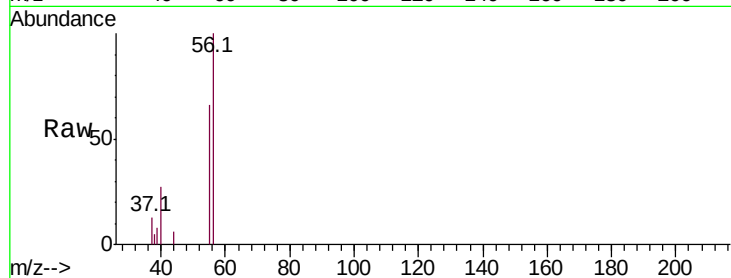
VD1027SBS01

Tot Ion: 56 Resp: 8989

Ion Ratio Lower Upper

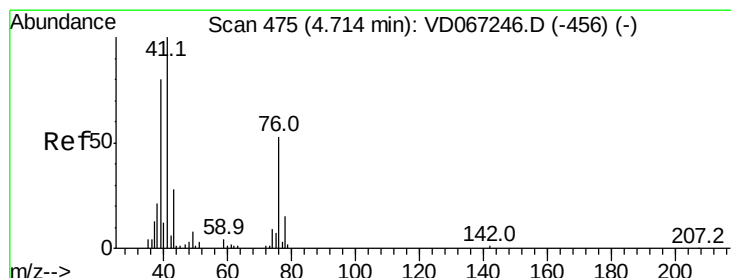
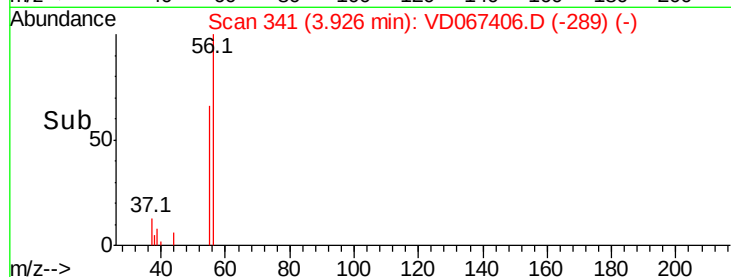
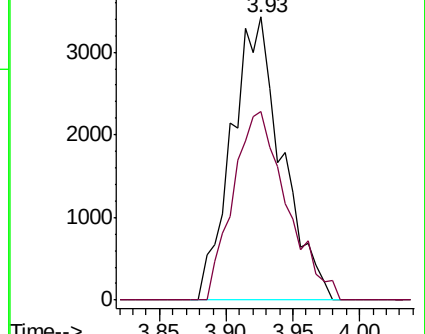
56 100

55 71.1 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 19.764 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

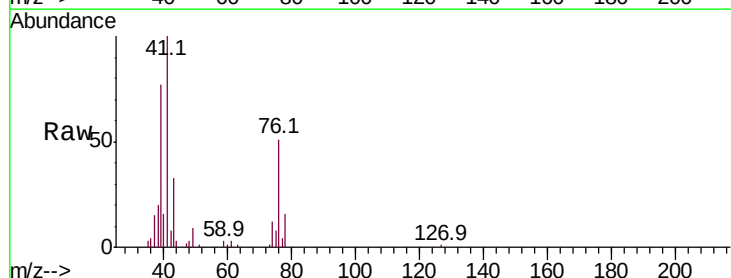
Tgt Ion: 41 Resp: 56454

Ion Ratio Lower Upper

41 100

39 80.9 63.8 95.6

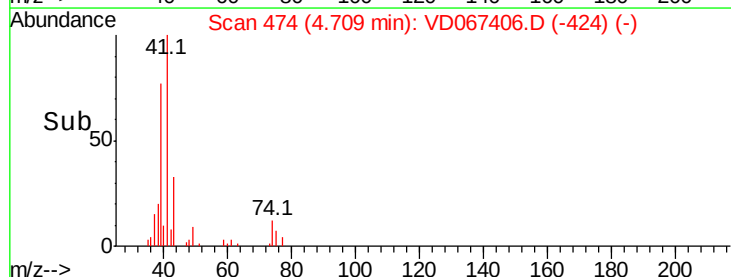
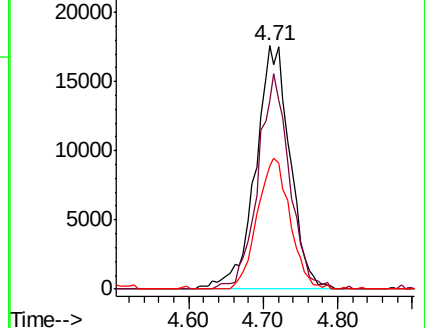
76 51.1 40.4 60.6

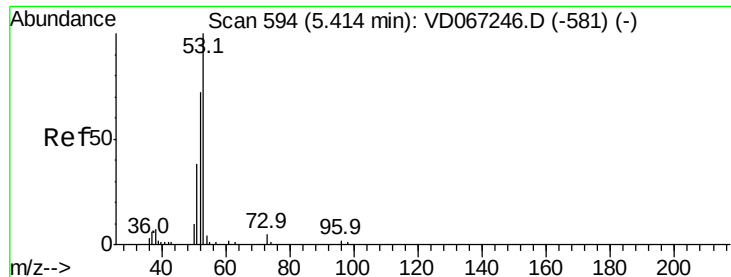


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 103.797 ug/l

RT: 5.41 min Scan# 594

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBSD01

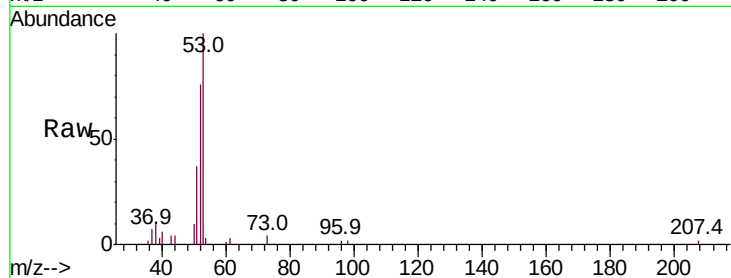
Tot Ion: 53 Resp: 41648

Ion Ratio Lower Upper

53 100

52 80.0 65.6 98.4

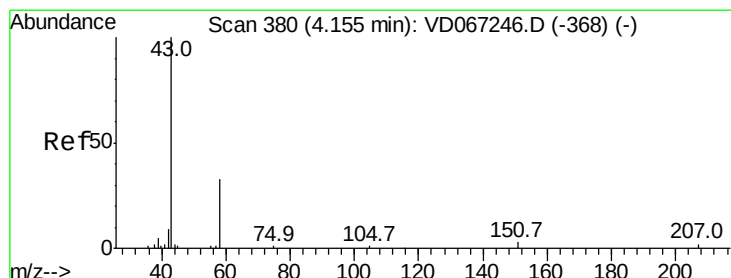
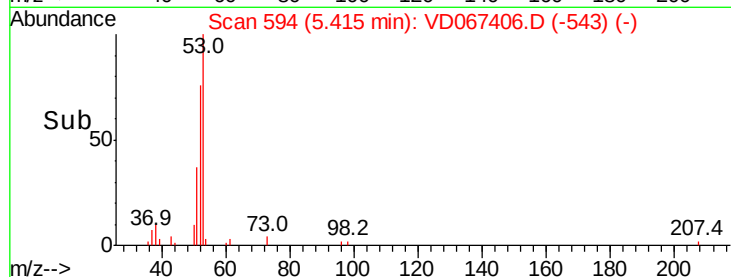
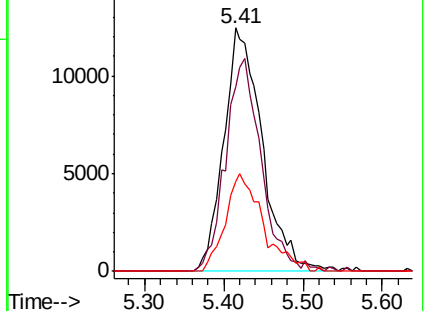
51 39.3 30.8 46.2



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: 103.181 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067406.D

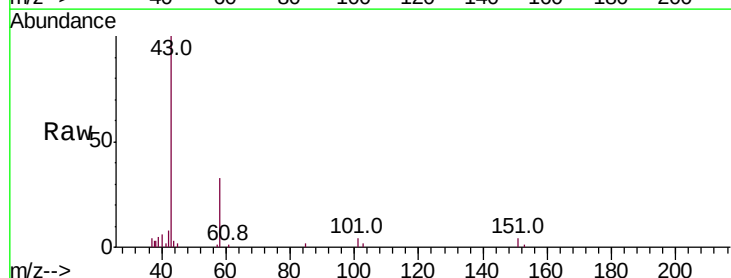
Acq: 27 Oct 2020 12:44

Tgt Ion: 43 Resp: 43754

Ion Ratio Lower Upper

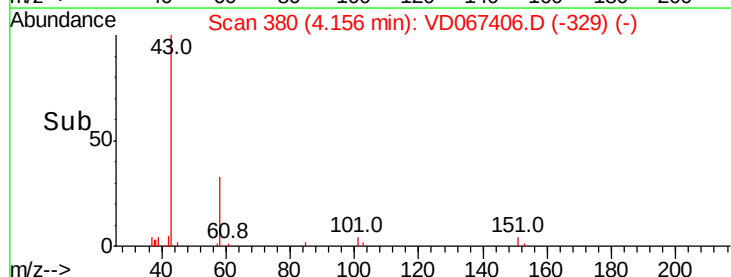
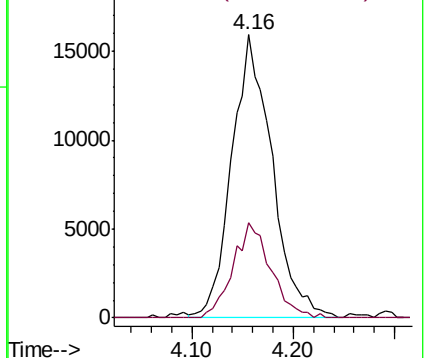
43 100

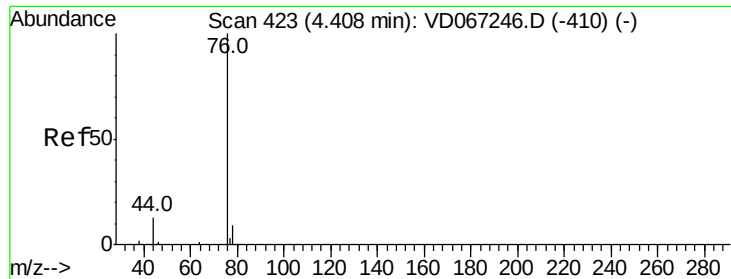
58 33.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

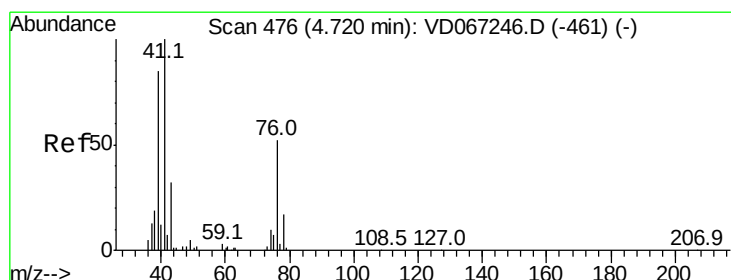
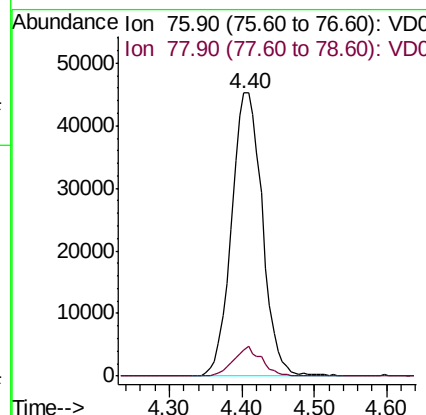
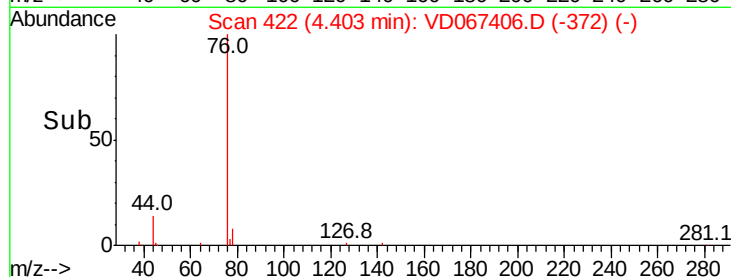
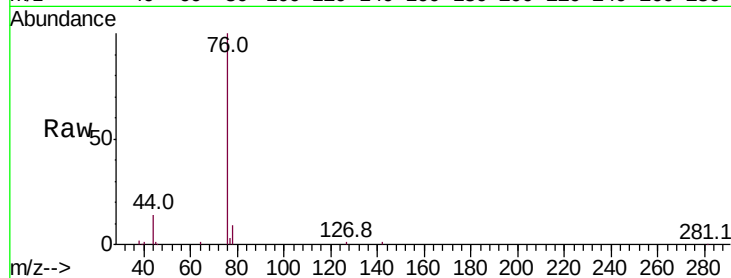




#17
Carbon Disulfide
Concen: 18.728 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

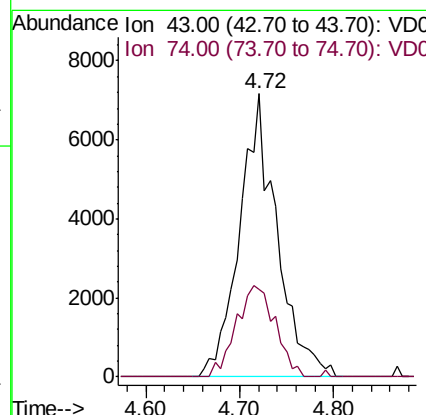
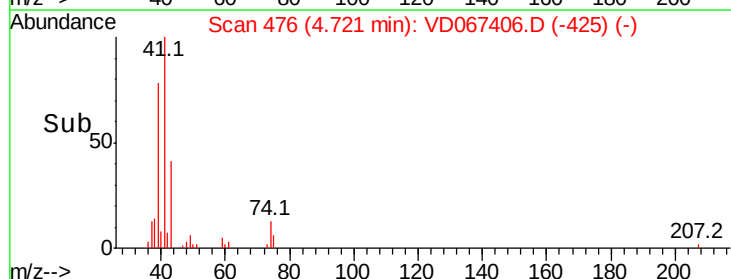
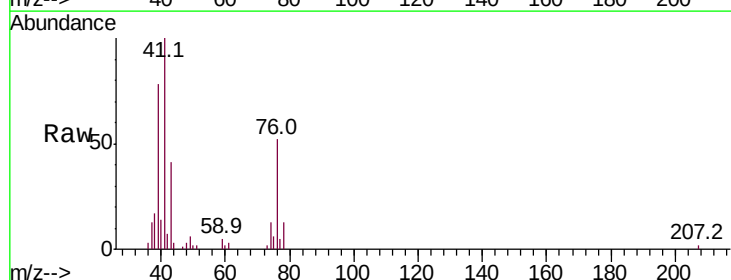
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

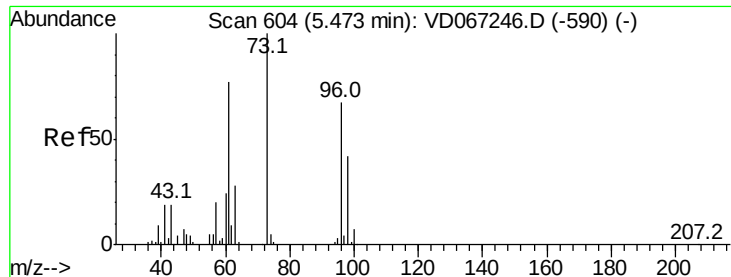
Tot Ion: 76 Resp: 133174
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 20.507 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 43 Resp: 19834
Ion Ratio Lower Upper
43 100
74 33.5 26.6 39.8

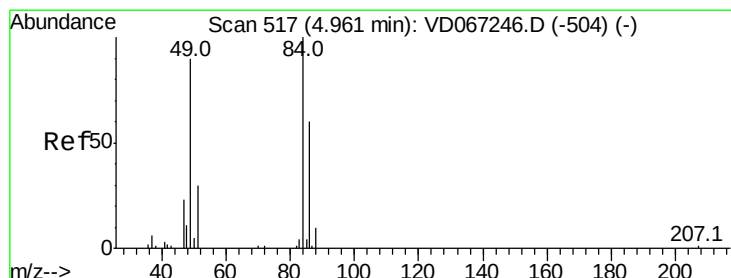
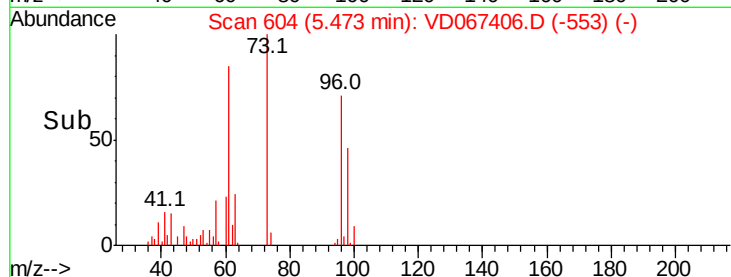
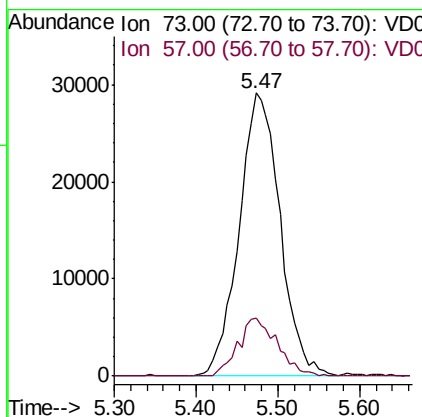
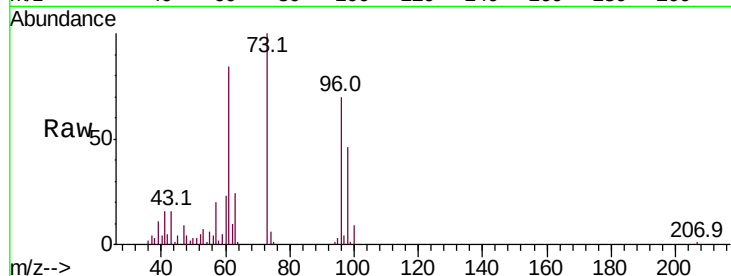




#19
Methyl tert-butyl Ether
Concen: 20.448 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

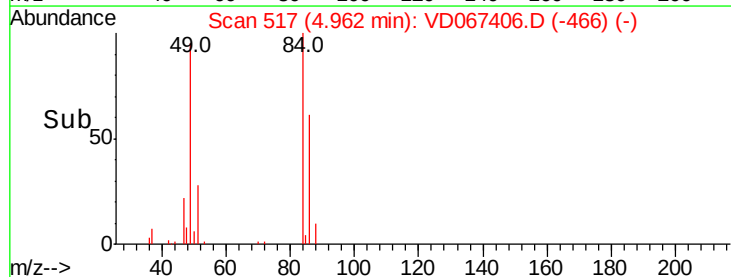
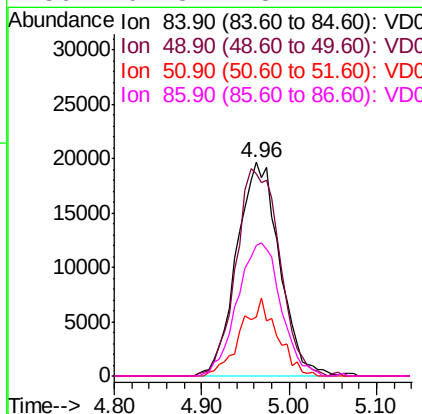
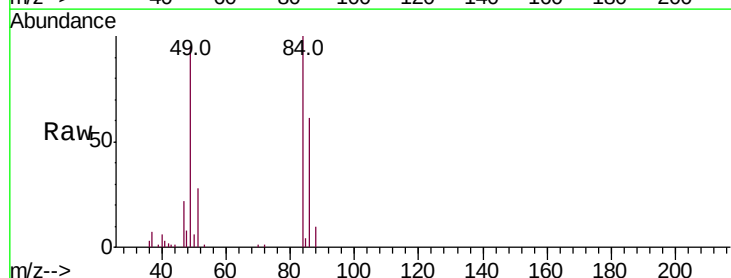
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBS01

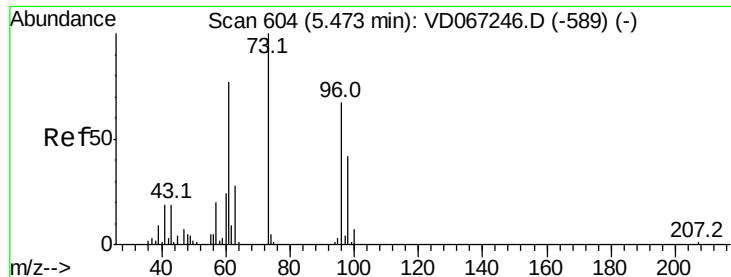
Tot Ion: 73 Resp: 101418
Ion Ratio Lower Upper
73 100
57 20.3 15.7 23.5



#20
Methylene Chloride
Concen: 21.692 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 84 Resp: 65824
Ion Ratio Lower Upper
84 100
49 94.6 72.2 108.2
51 27.9 23.8 35.8
86 61.3 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 20.512 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

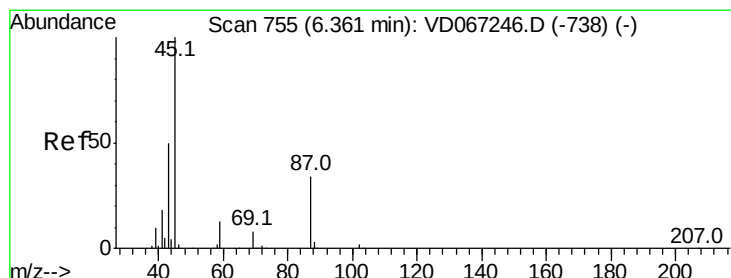
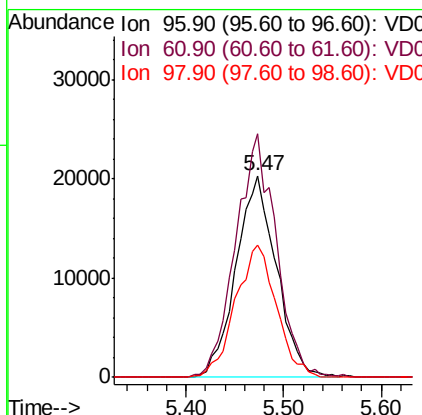
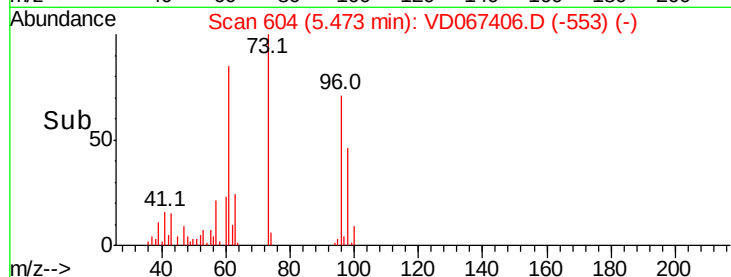
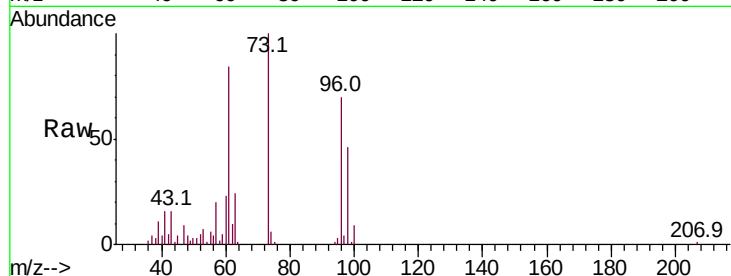
Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

Tot Ion: 96 Resp: 58879

Ion	Ratio	Lower	Upper
96	100		
61	120.6	92.0	138.0
98	65.7	49.8	74.8



#22

Diisopropyl ether

Concen: 21.891 ug/l

RT: 6.37 min Scan# 756

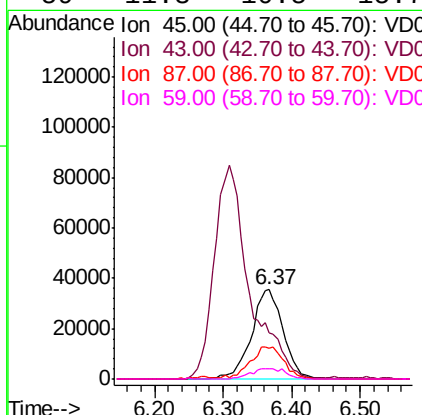
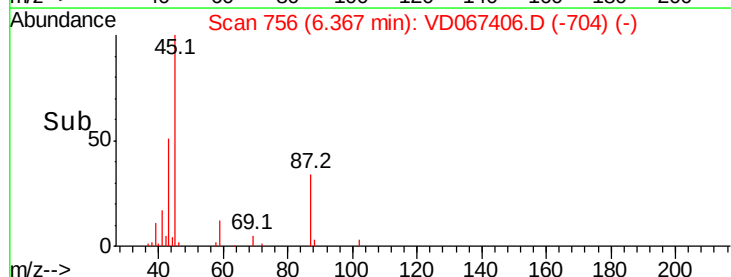
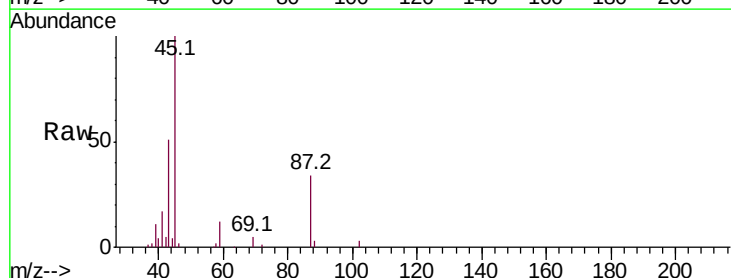
Delta R.T. 0.01 min

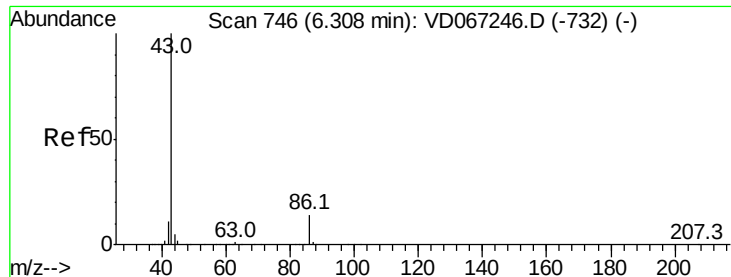
Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Tgt Ion: 45 Resp: 114228

Ion	Ratio	Lower	Upper
45	100		
43	49.1	48.0	72.0
87	33.9	28.5	42.7
59	11.3	10.5	15.7





#23

Vinyl Acetate

Concen: 102.139 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

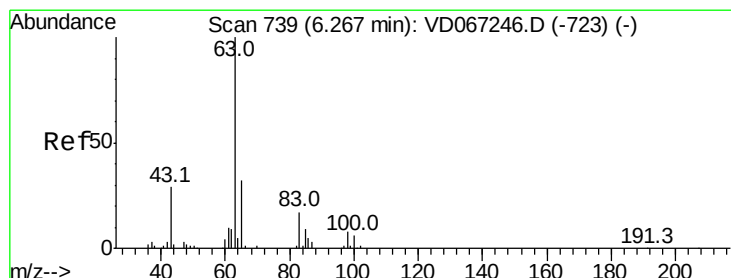
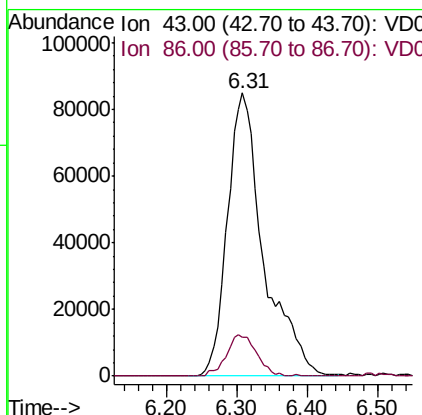
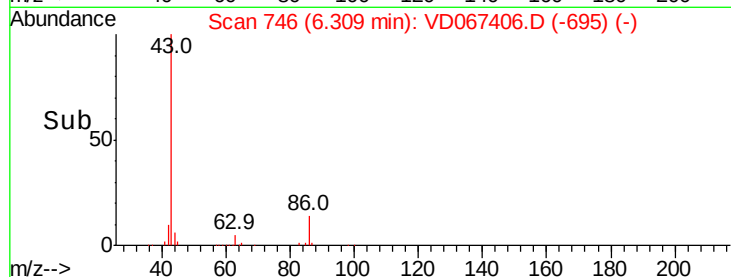
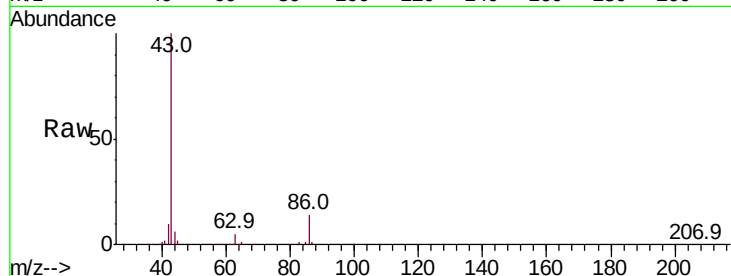
VD1027SBSD01

Tot Ion: 43 Resp: 303218

Ion Ratio Lower Upper

43 100

86 13.7 11.0 16.6



#24

1,1-Dichloroethane

Concen: 21.732 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

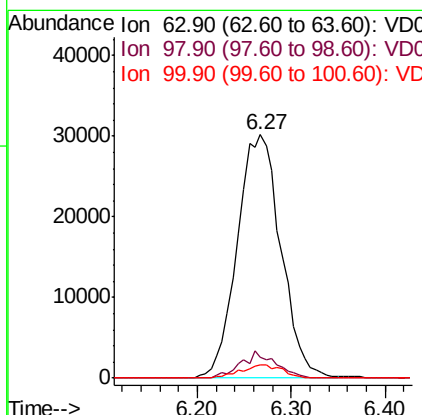
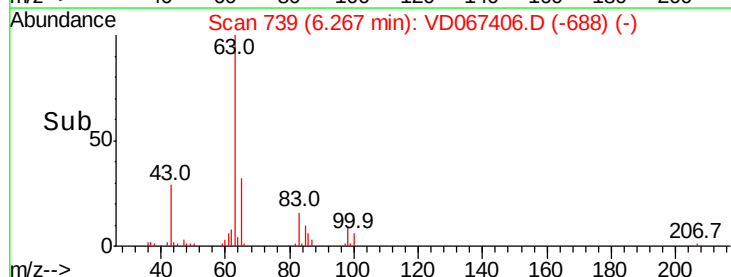
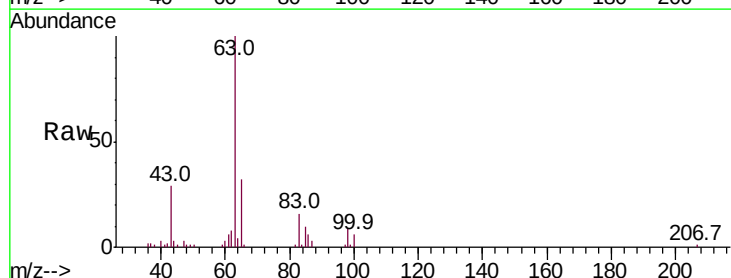
Tgt Ion: 63 Resp: 97070

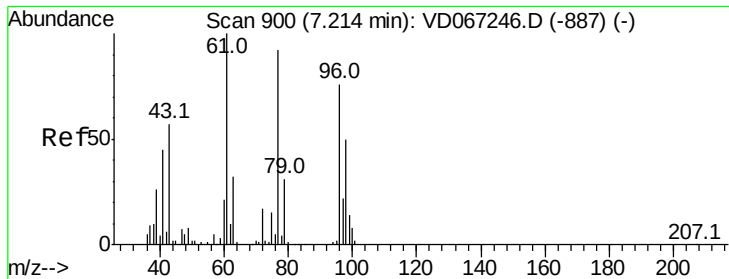
Ion Ratio Lower Upper

63 100

98 8.7 4.0 12.2

100 5.6 2.8 8.4





#25

2-Butanone

Concen: 103.944 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

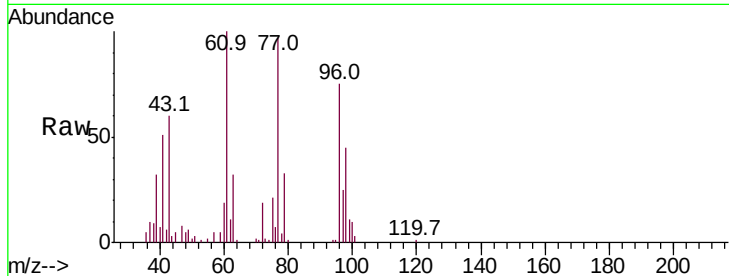
VD1027SBSD01

Tot Ion: 43 Resp: 50244

Ion Ratio Lower Upper

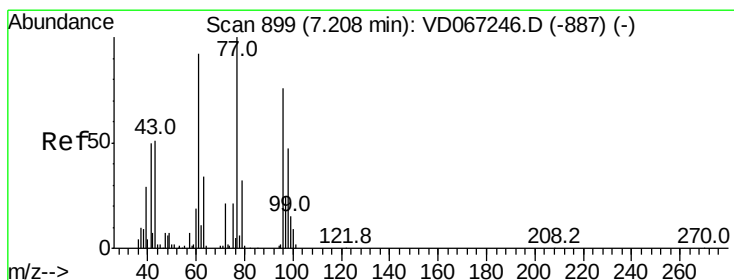
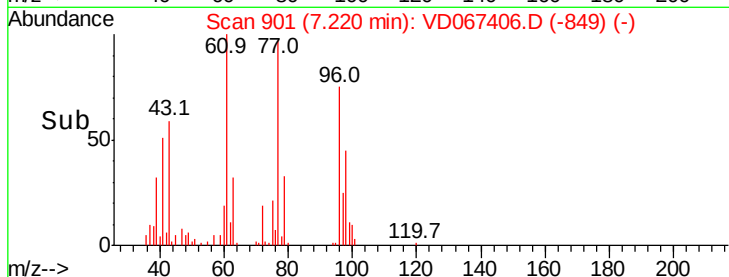
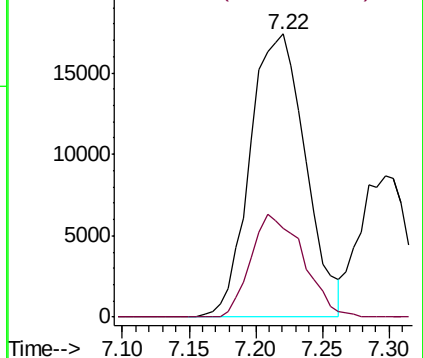
43 100

72 31.5 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.949 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067406.D

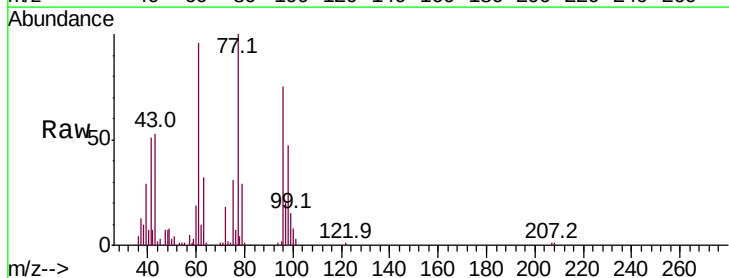
Acq: 27 Oct 2020 12:44

Tgt Ion: 77 Resp: 96451

Ion Ratio Lower Upper

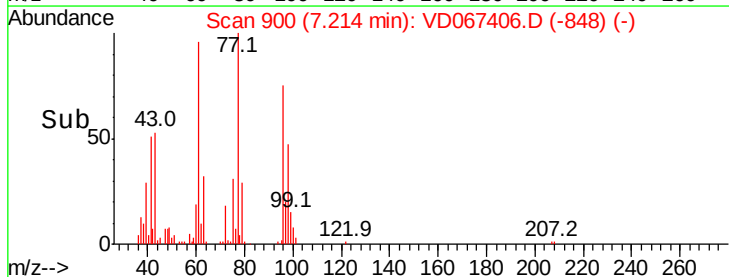
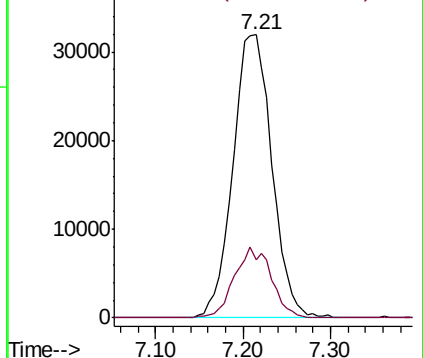
77 100

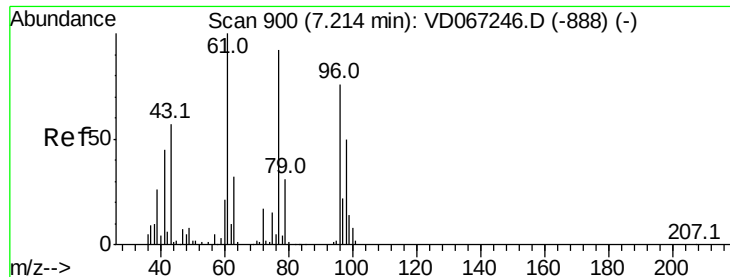
97 23.6 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



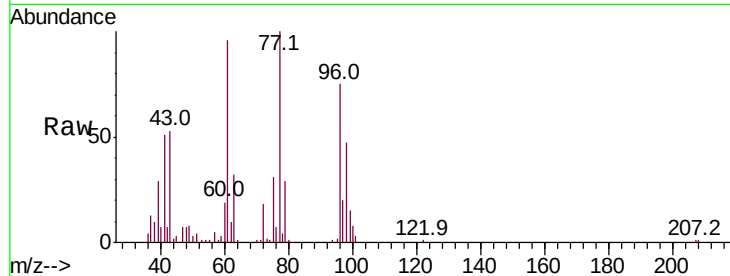


#27

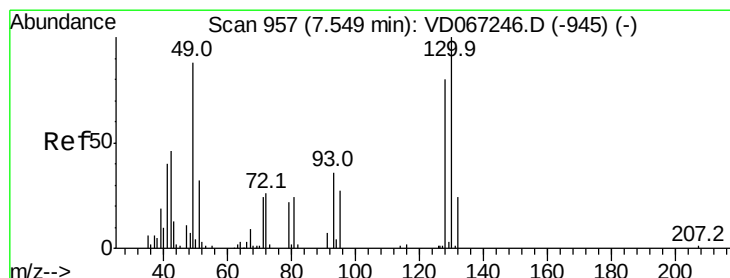
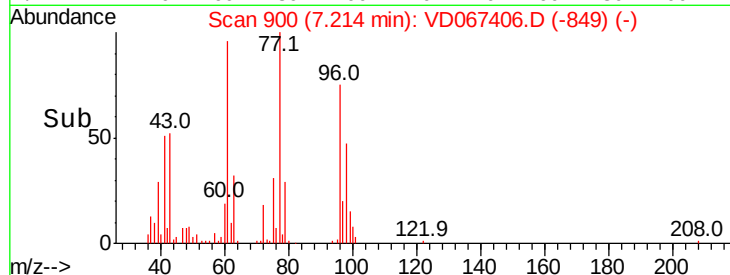
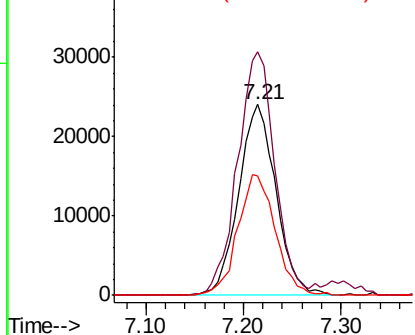
cis-1,2-Dichloroethene
 Concen: 20.513 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.6	0.0	255.4
98	63.2	0.0	128.0



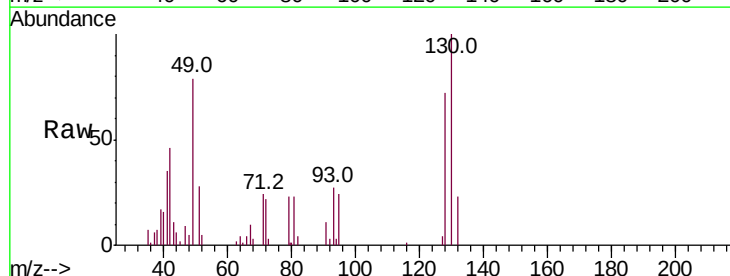
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



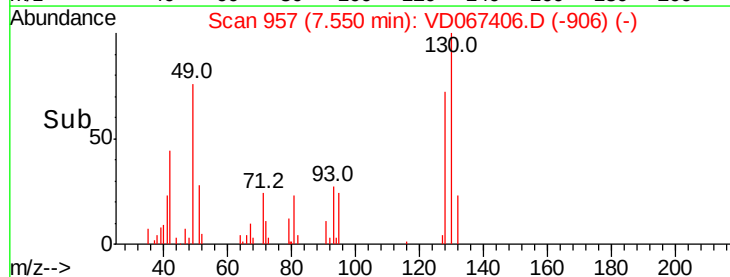
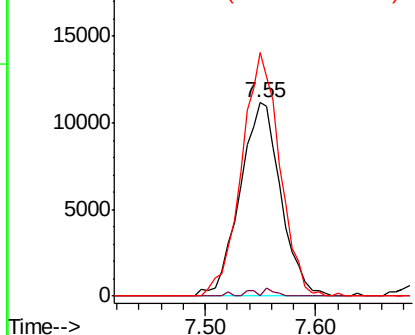
#28

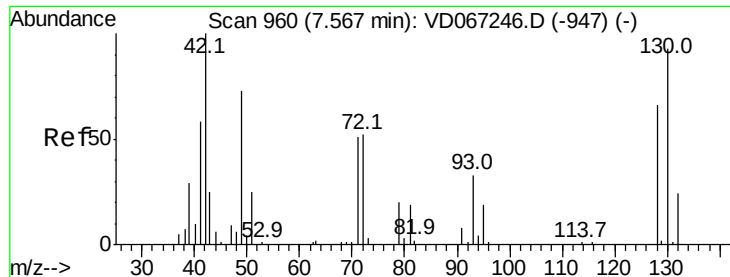
Bromochloromethane
 Concen: 18.997 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.6
130	117.7	91.0	136.6



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





#29

Tetrahydrofuran

Concen: 99.435 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBS01

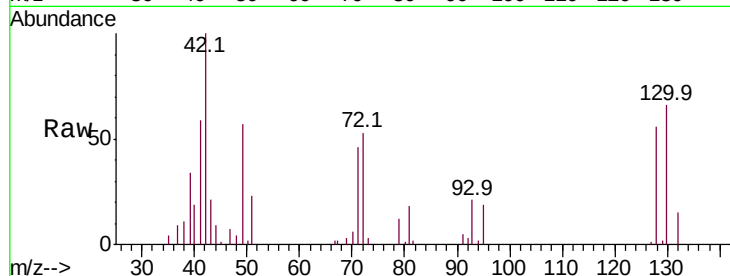
Tot Ion: 42 Resp: 26718

Ion Ratio Lower Upper

42 100

72 57.2 43.2 64.8

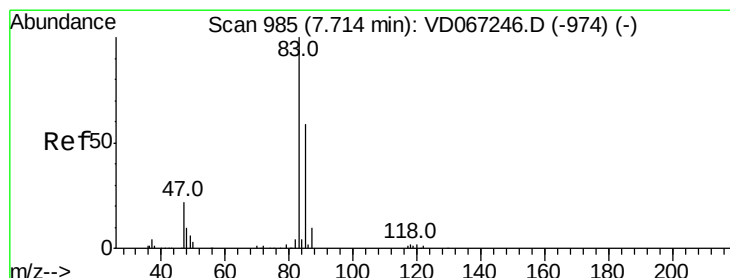
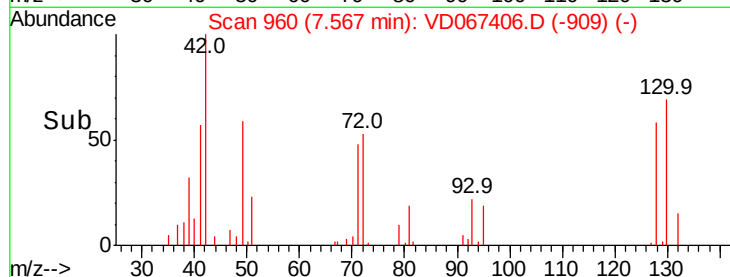
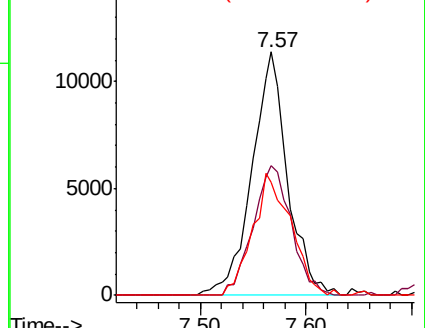
71 53.9 39.4 59.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 21.367 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD067406.D

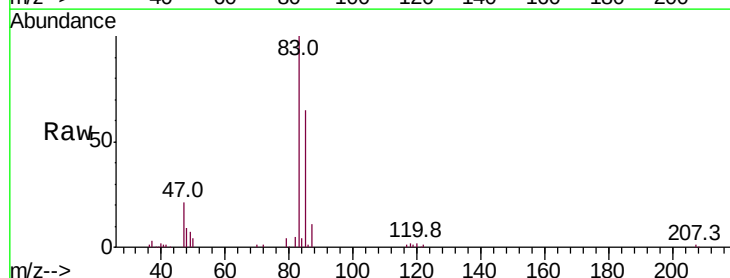
Acq: 27 Oct 2020 12:44

Tgt Ion: 83 Resp: 114011

Ion Ratio Lower Upper

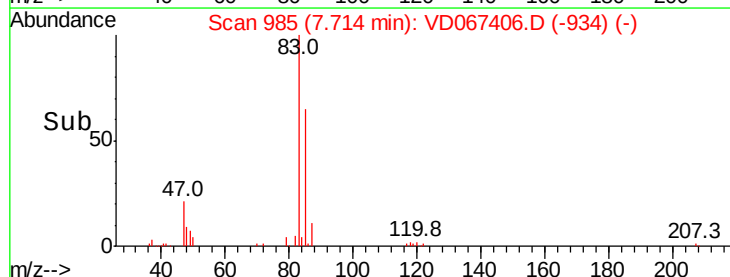
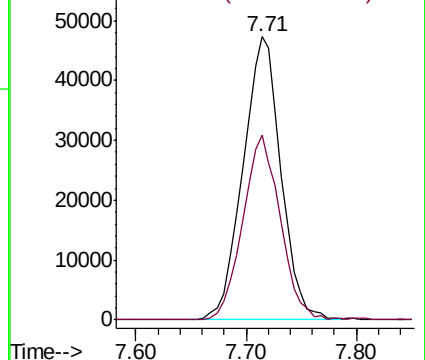
83 100

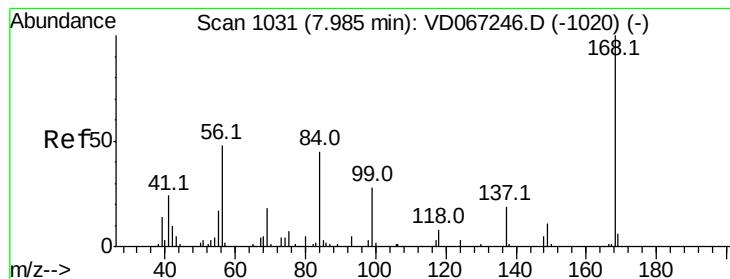
85 65.2 47.3 70.9



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC





#31

Cyclohexane

Concen: 20.602 ug/l

RT: 7.99 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBS01

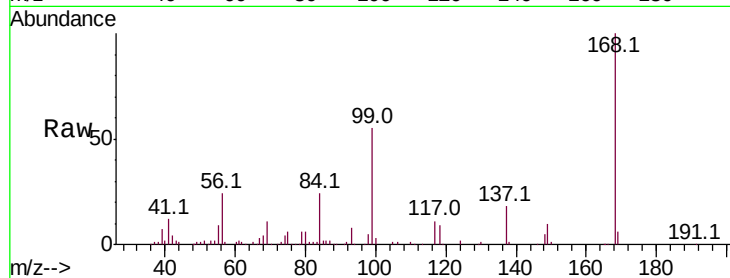
Tot Ion: 56 Resp: 71847

Ion Ratio Lower Upper

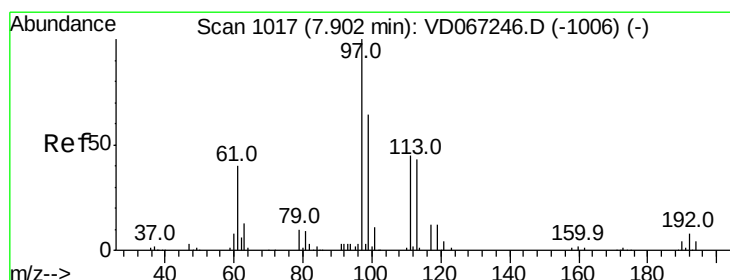
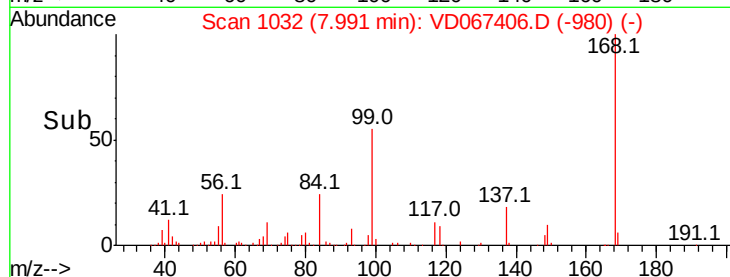
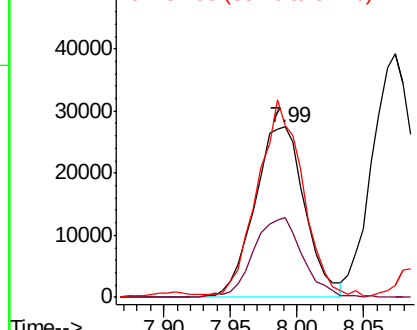
56 100

69 46.8 29.8 44.6#

84 99.7 76.6 114.8



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



#32

1,1,1-Trichloroethane

Concen: 21.100 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

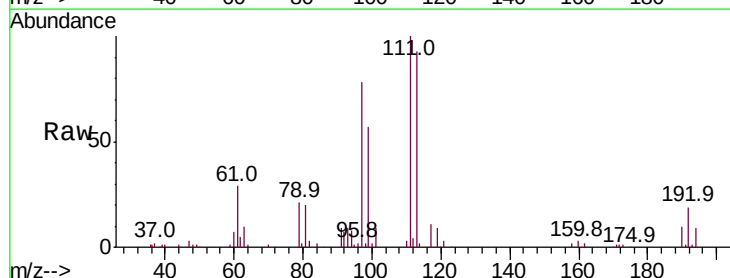
Tgt Ion: 97 Resp: 110468

Ion Ratio Lower Upper

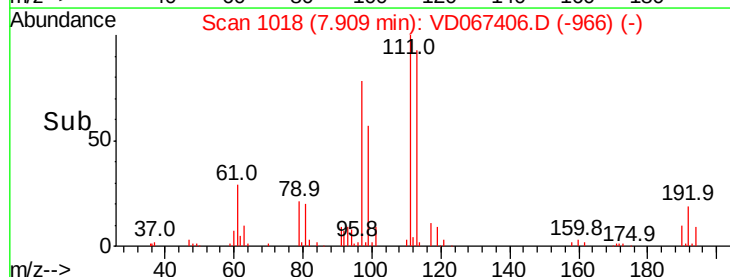
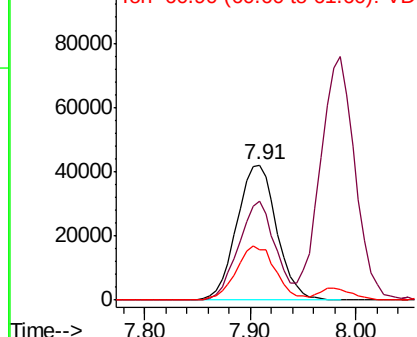
97 100

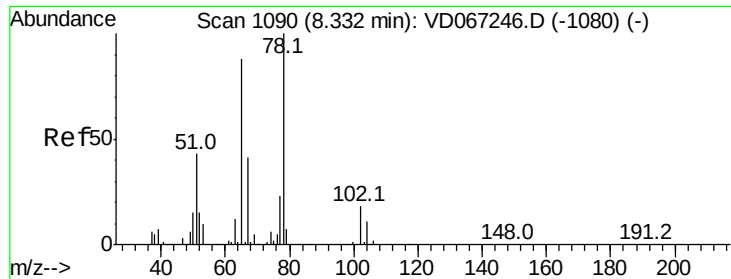
99 66.3 50.2 75.4

61 39.3 30.5 45.7



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

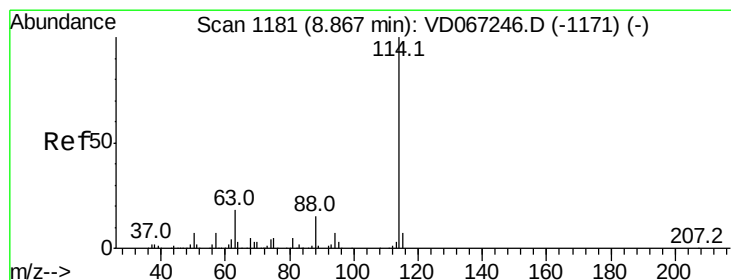
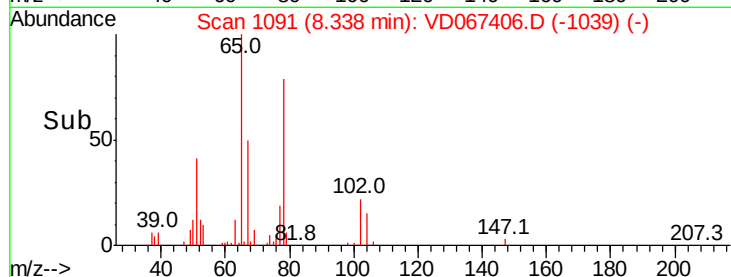
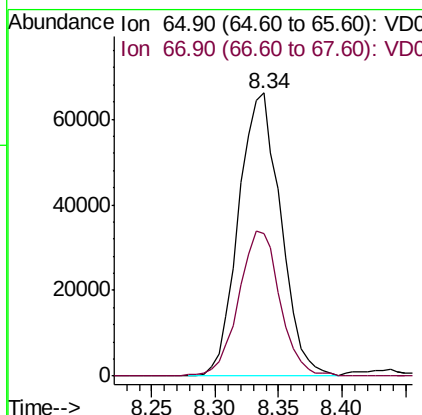
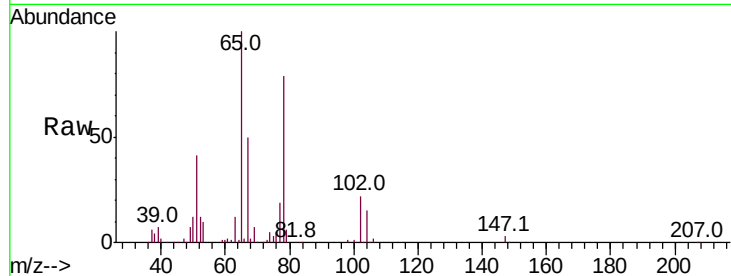




#33
 1,2-Dichloroethane-d4
 Concen: 50.327 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

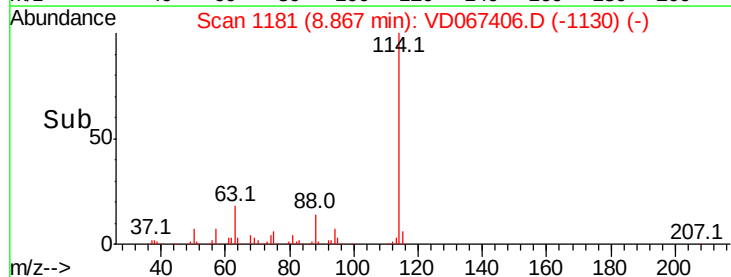
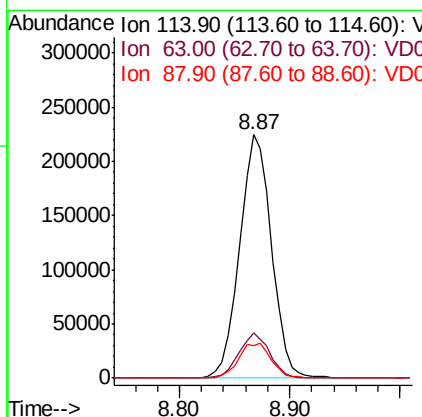
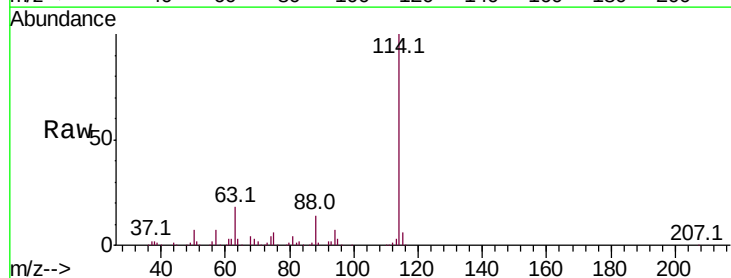
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBSD01

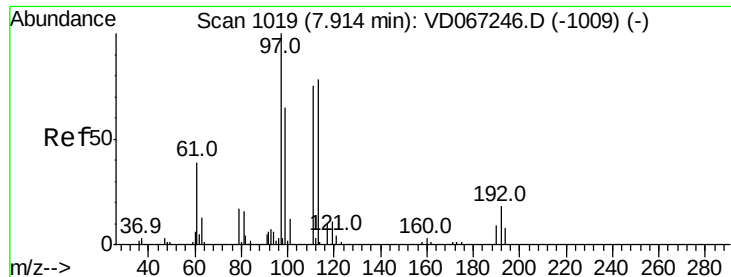
Tot Ion: 65 Resp: 152382
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion: 114 Resp: 455107
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.0
 88 13.6 0.0 30.6

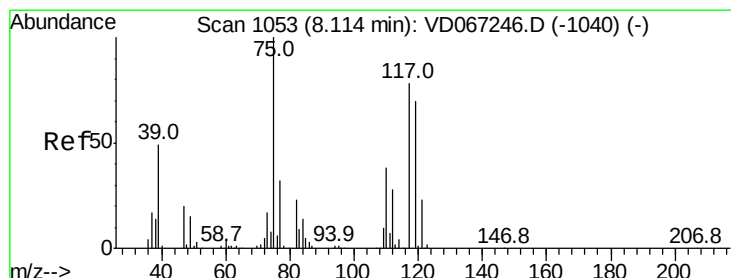
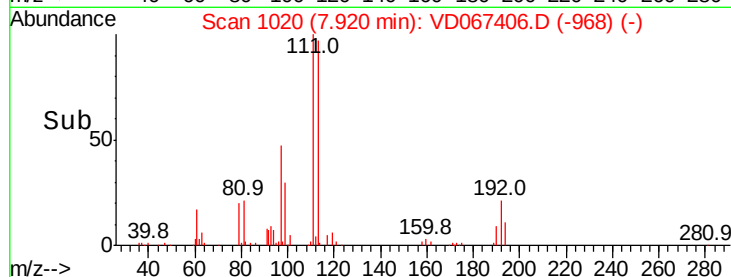
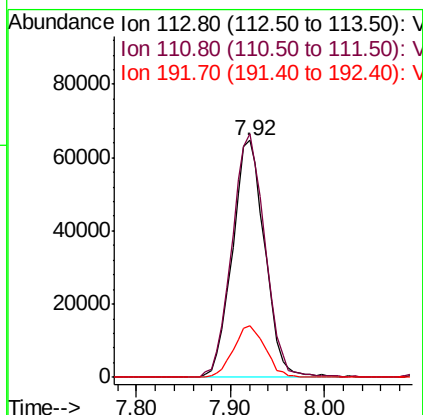
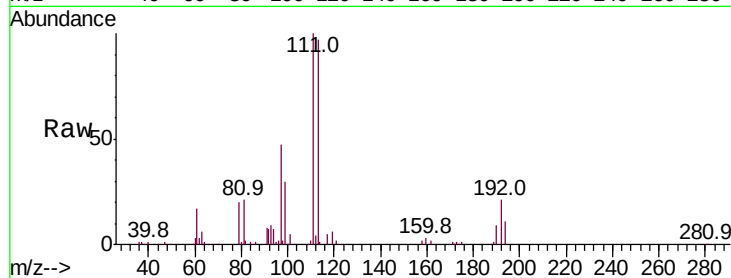




#35
 Dibromofluoromethane
 Concen: 51.074 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

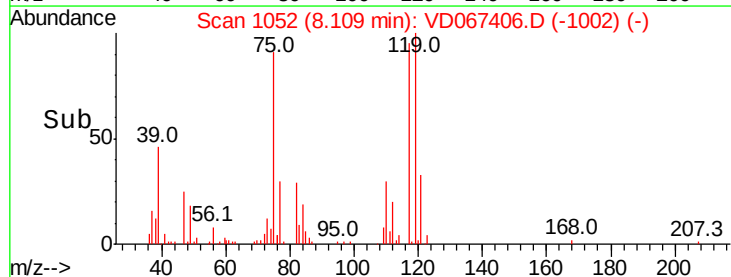
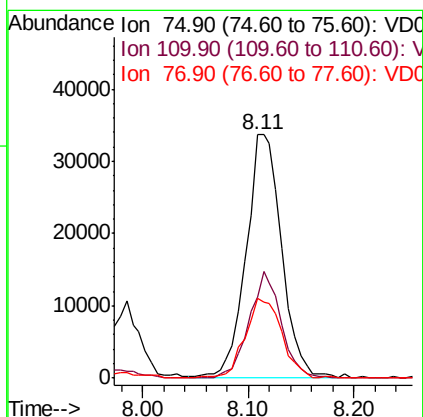
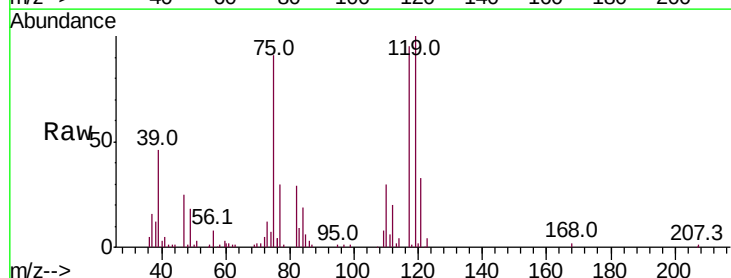
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBSD01

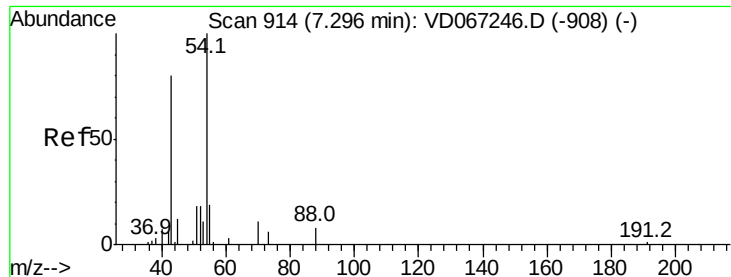
Tot Ion:113 Resp: 154689
 Ion Ratio Lower Upper
 113 100
 111 104.5 81.6 122.4
 192 21.5 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 20.544 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion: 75 Resp: 79246
 Ion Ratio Lower Upper
 75 100
 110 39.1 19.6 58.7
 77 33.4 24.6 37.0

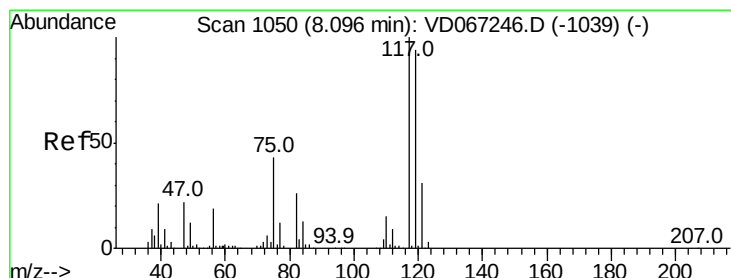
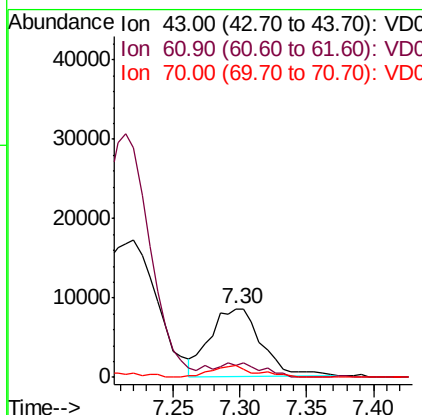
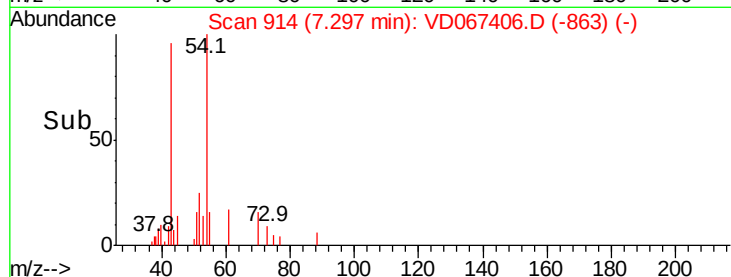
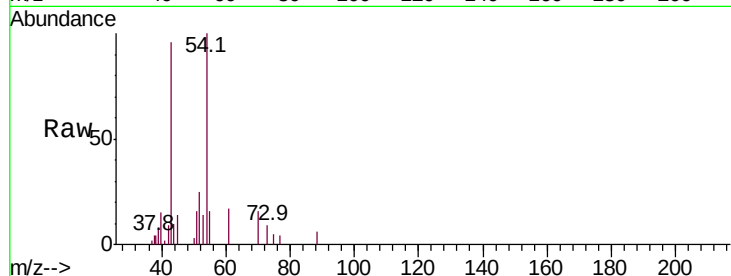




#37
Ethyl Acetate
Concen: 20.003 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

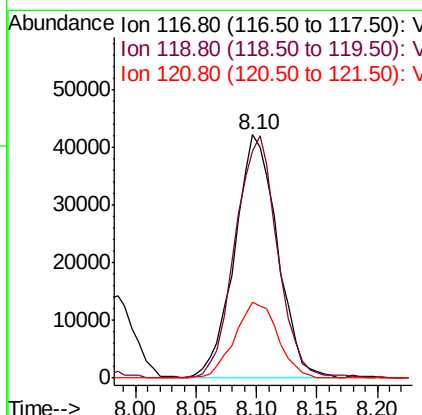
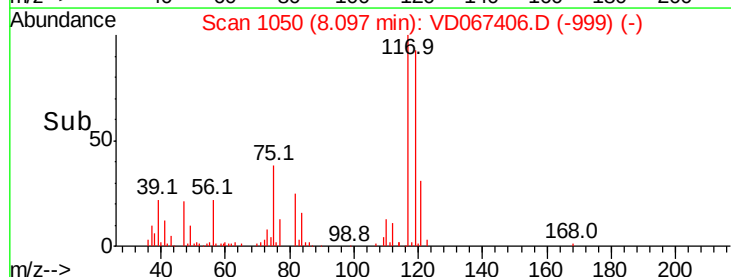
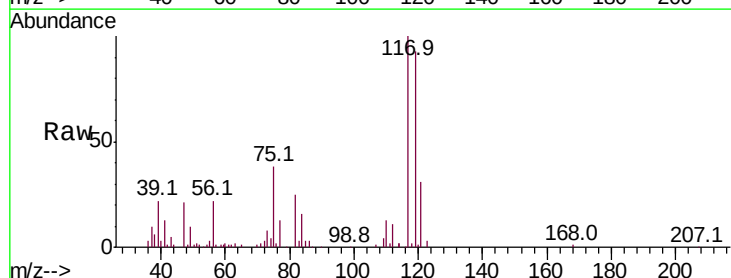
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBS01

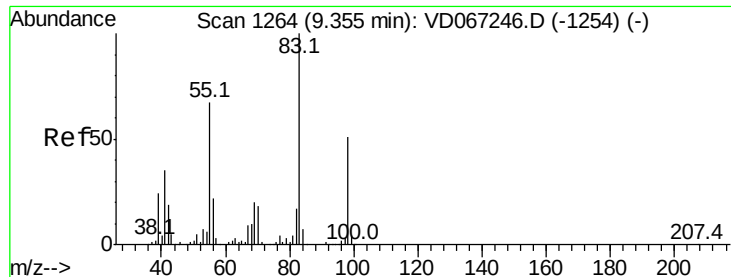
Tot Ion: 43 Resp: 22701
Ion Ratio Lower Upper
43 100
61 20.6 15.6 23.4
70 15.0 10.4 15.6



#38
Carbon Tetrachloride
Concen: 21.115 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 117 Resp: 104098
Ion Ratio Lower Upper
117 100
119 92.2 75.0 112.4
121 31.3 24.9 37.3

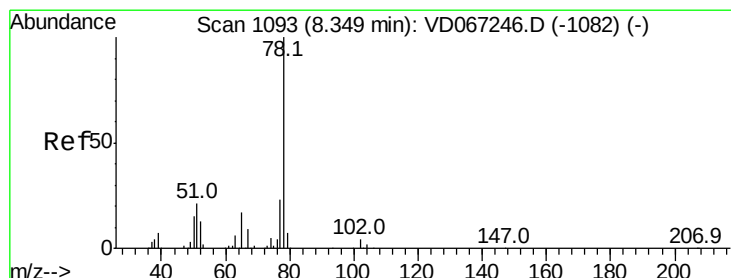
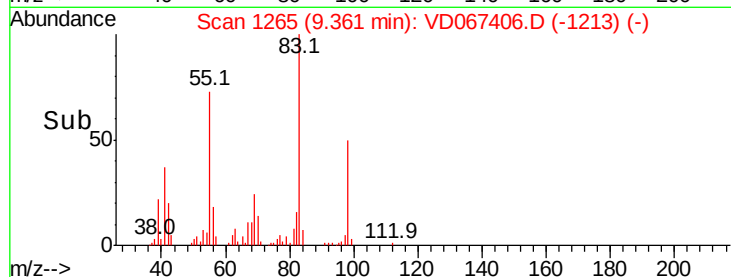
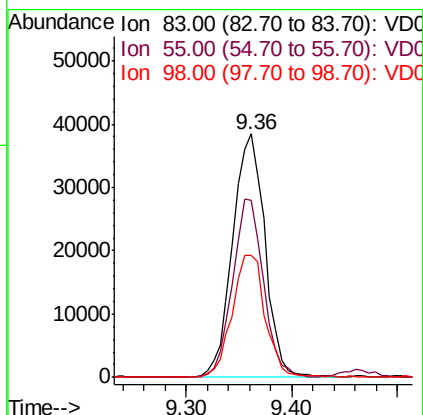
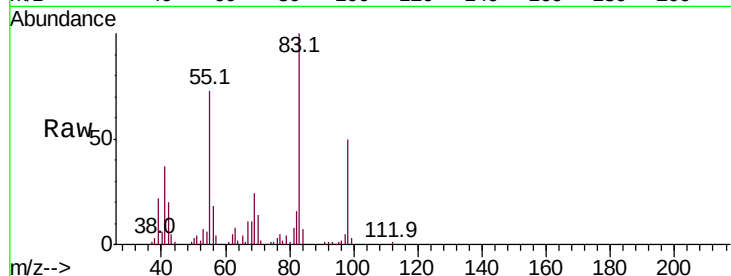




#39
Methylvlcyclohexane
Concen: 20.193 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

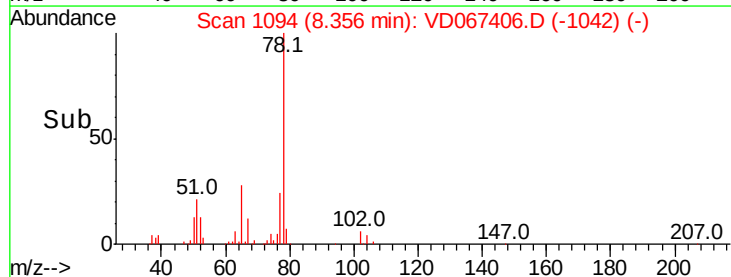
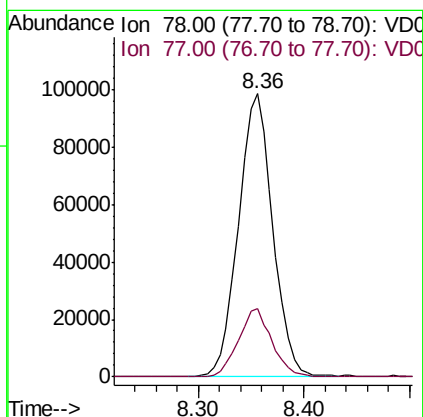
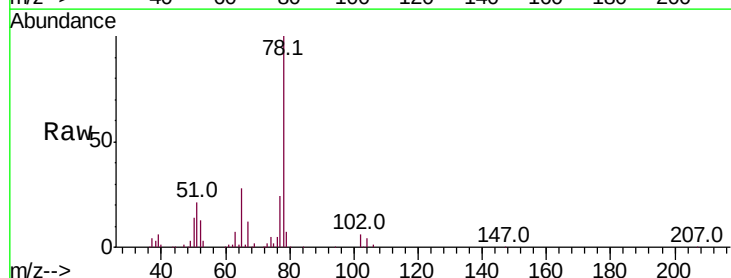
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

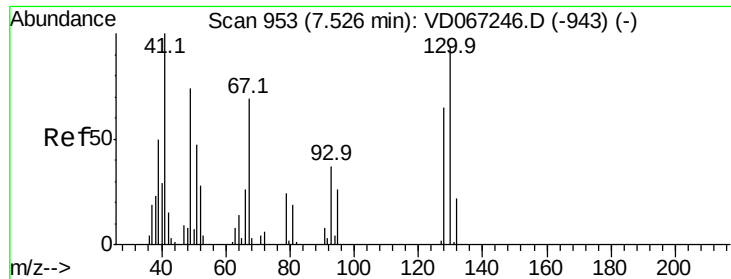
Tot Ion: 83 Resp: 81430
Ion Ratio Lower Upper
83 100
55 73.0 53.3 79.9
98 50.2 41.0 61.4



#40
Benzene
Concen: 20.936 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 78 Resp: 221551
Ion Ratio Lower Upper
78 100
77 24.0 18.3 27.5

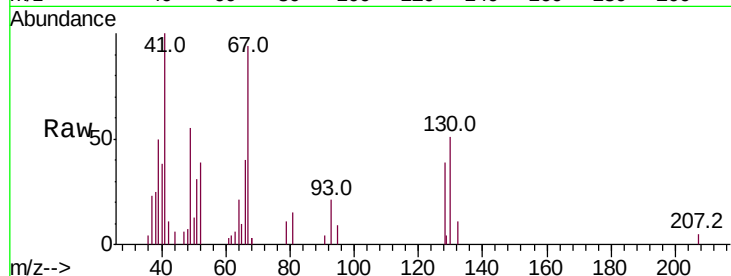




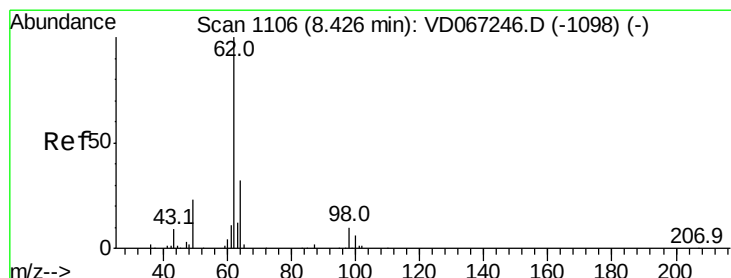
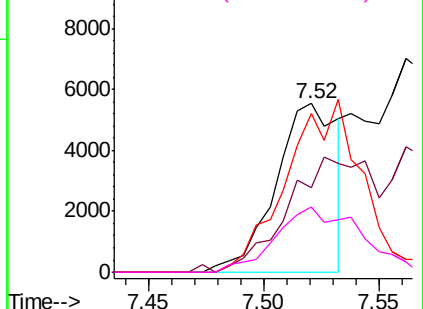
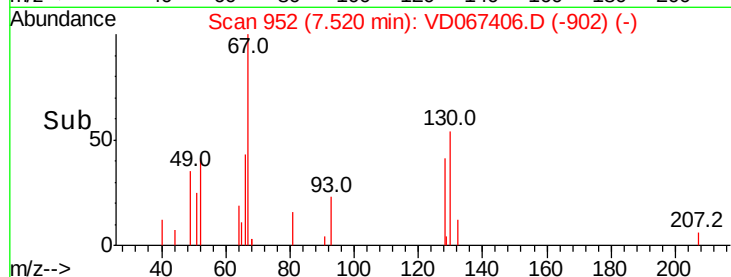
#41
Methacrylonitrile
Concen: 16.829 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

Tot Ion:	41	Resp:	10321
Ion	Ratio	Lower	Upper
41	100		
39	93.8	60.0	90.0#
67	123.3	88.9	133.3
52	52.5	36.9	55.3

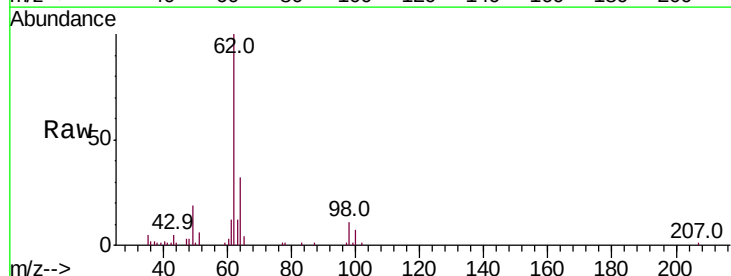


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

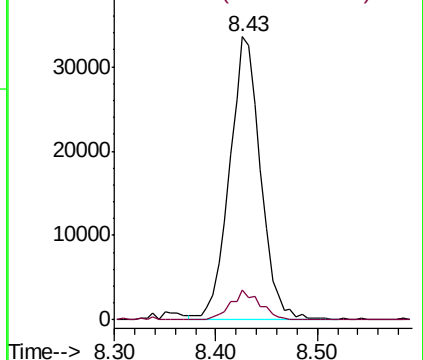
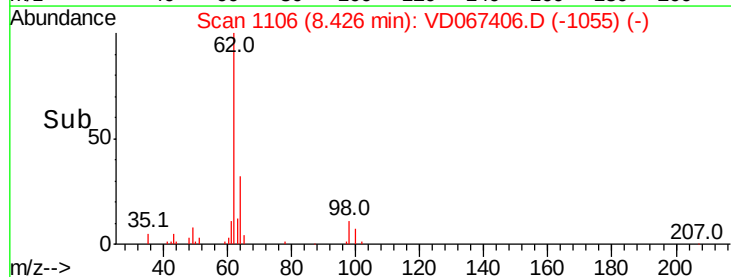


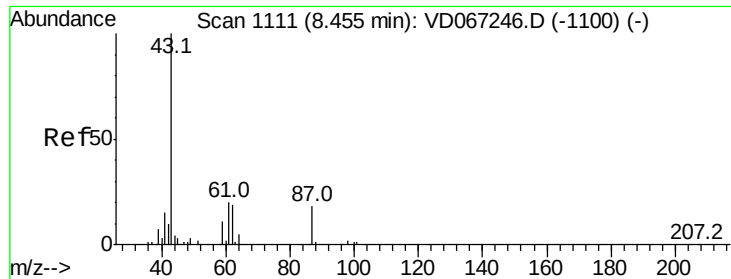
#42
1,2-Dichloroethane
Concen: 21.526 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion:	62	Resp:	71288
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 20.115 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBSD01

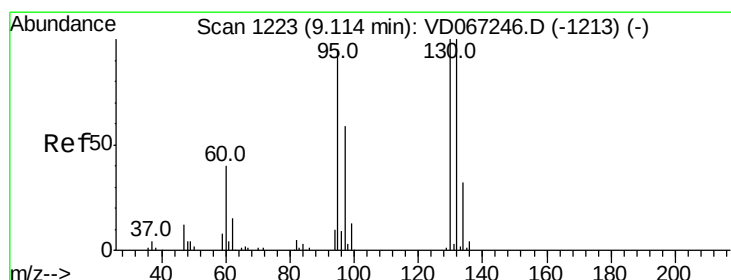
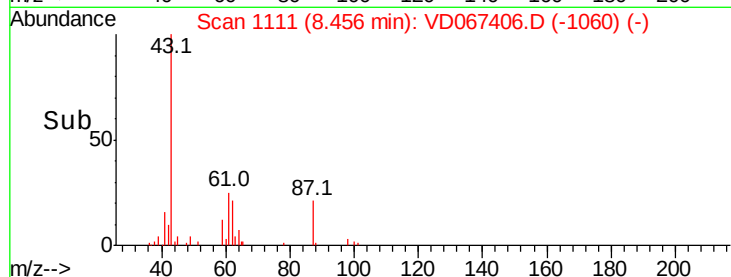
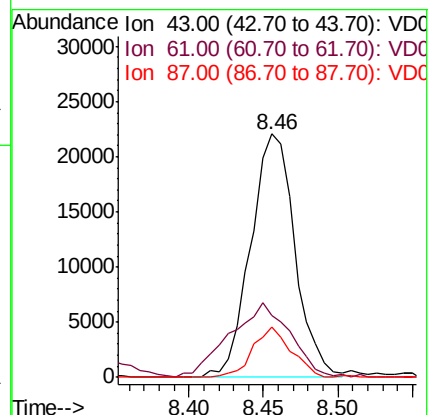
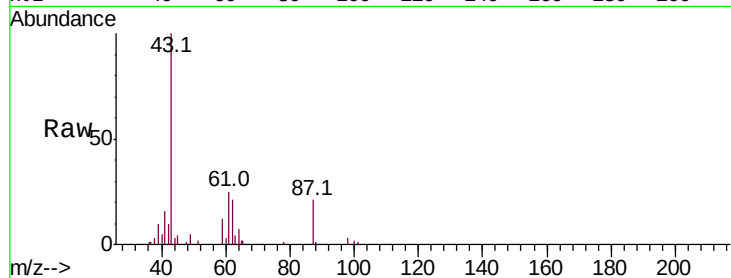
Tot Ion: 43 Resp: 45297

Ion Ratio Lower Upper

43 100

61 42.0 29.5 44.3

87 17.8 14.2 21.4



#44

Trichloroethene

Concen: 20.752 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067406.D

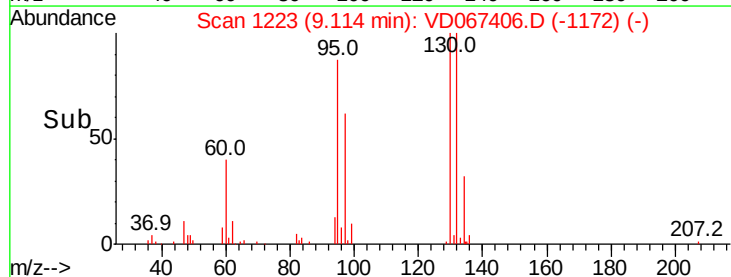
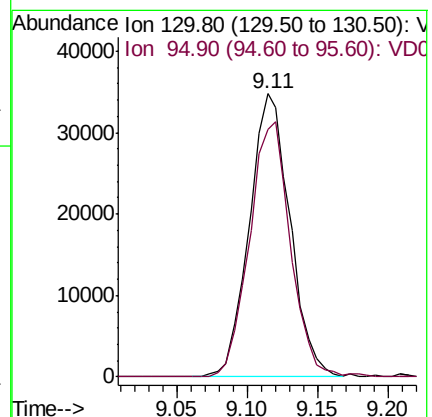
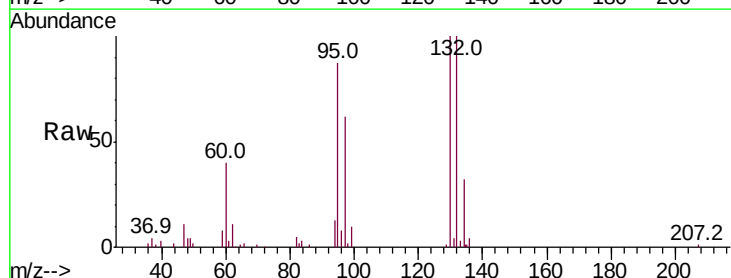
Acq: 27 Oct 2020 12:44

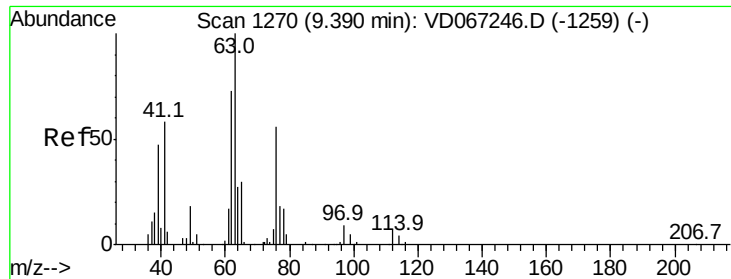
Tgt Ion: 130 Resp: 70311

Ion Ratio Lower Upper

130 100

95 87.4 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.609 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

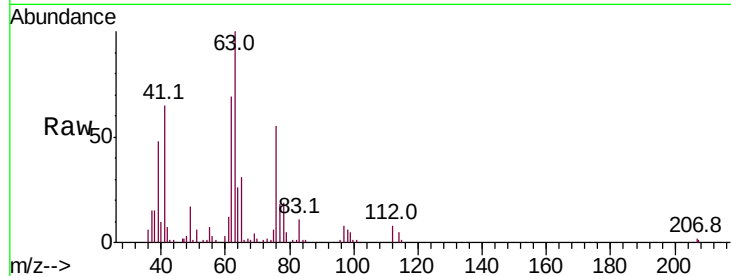
VD1027SBSD01

Tot Ion: 63 Resp: 50544

Ion Ratio Lower Upper

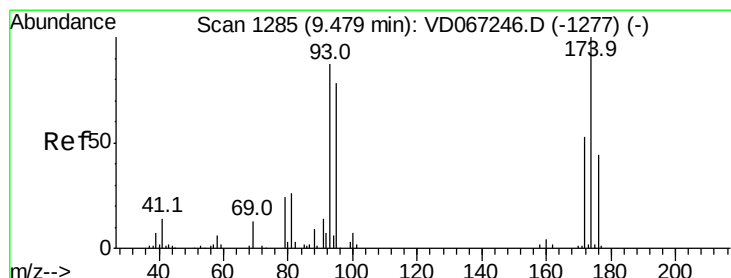
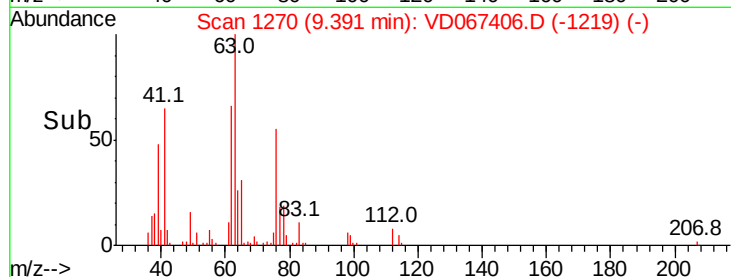
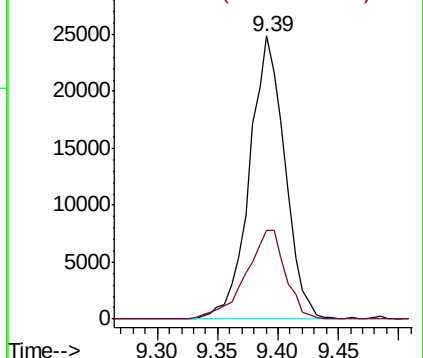
63 100

65 31.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.341 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

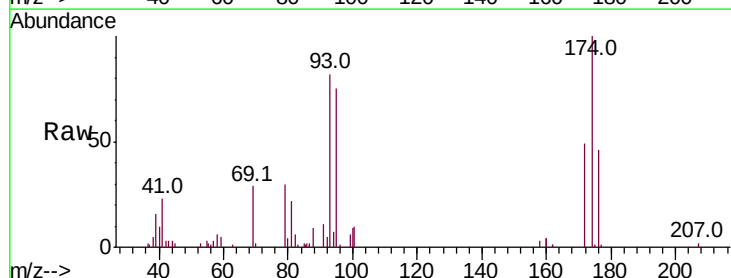
Tgt Ion: 93 Resp: 31081

Ion Ratio Lower Upper

93 100

95 82.1 68.0 102.0

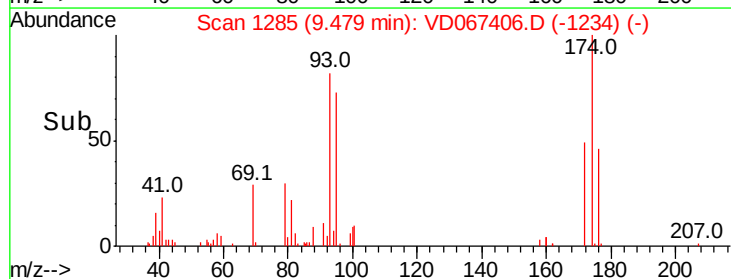
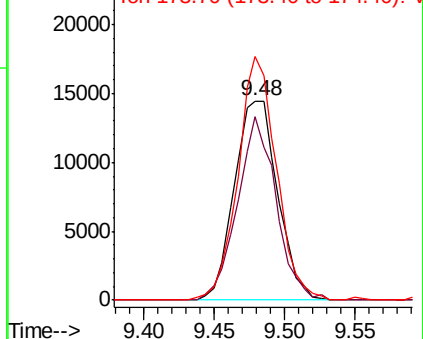
174 108.6 91.8 137.6

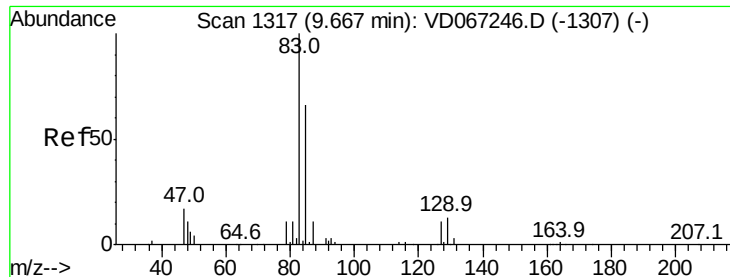


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.407 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBSD01

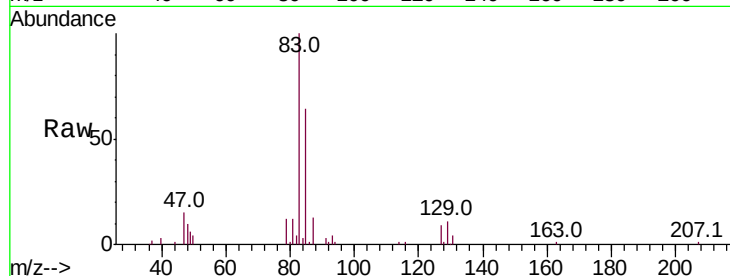
Tot Ion: 83 Resp: 87639

Ion Ratio Lower Upper

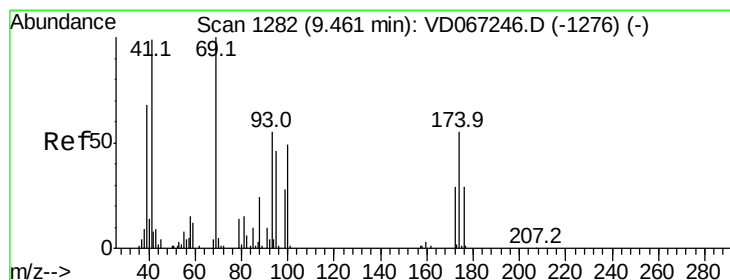
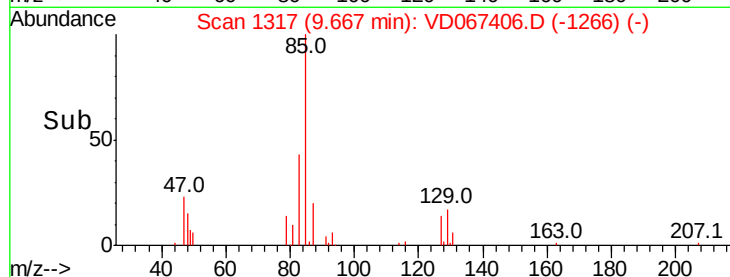
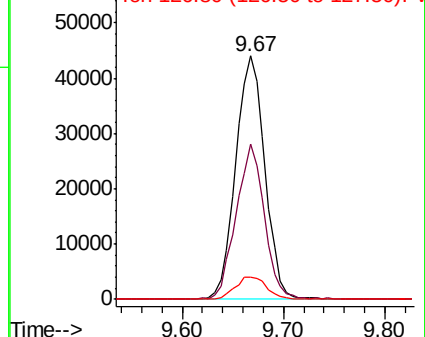
83 100

85 63.7 53.1 79.7

127 9.0 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: 18.894 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

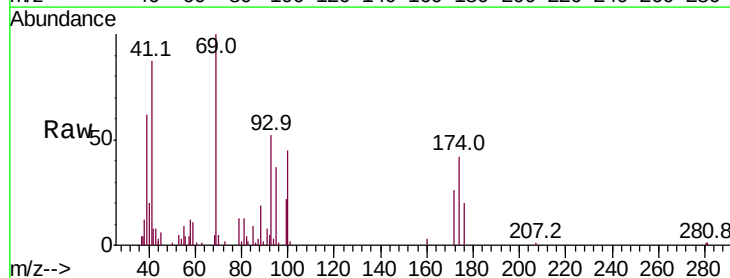
Tgt Ion: 41 Resp: 20677

Ion Ratio Lower Upper

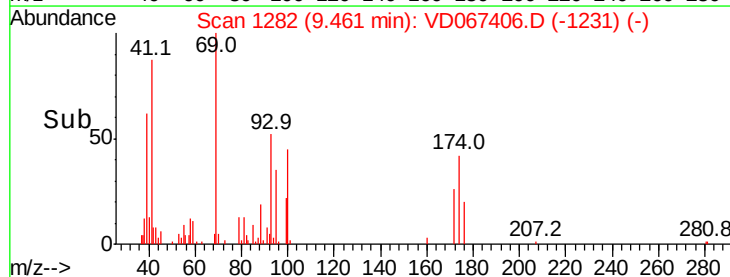
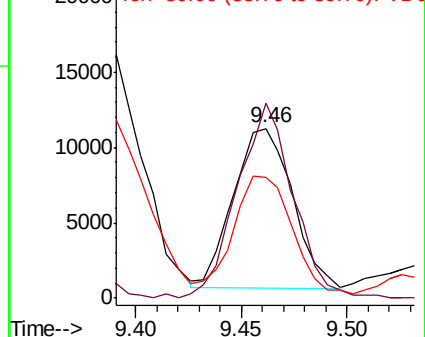
41 100

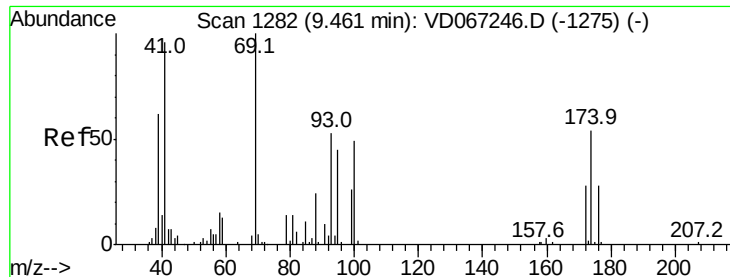
69 115.6 89.0 133.6

39 79.3 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: 396.210 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBSD01

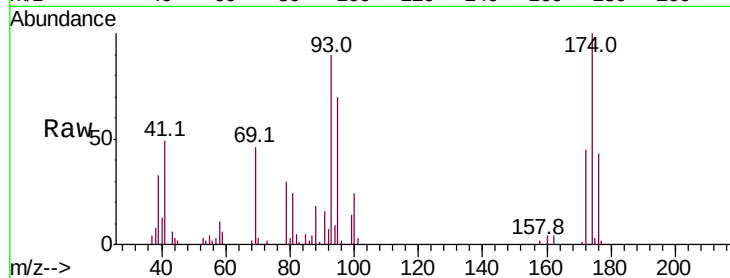
Tot Ion: 88 Resp: 6130

Ion Ratio Lower Upper

88 100

43 32.7 23.9 35.9

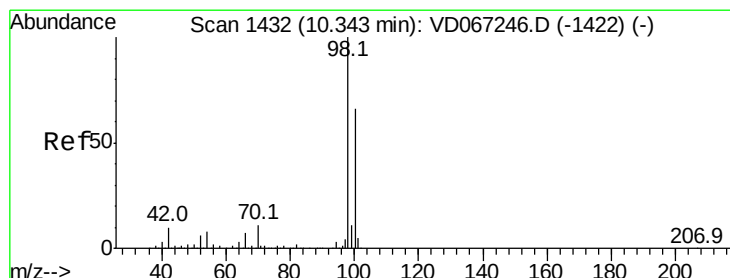
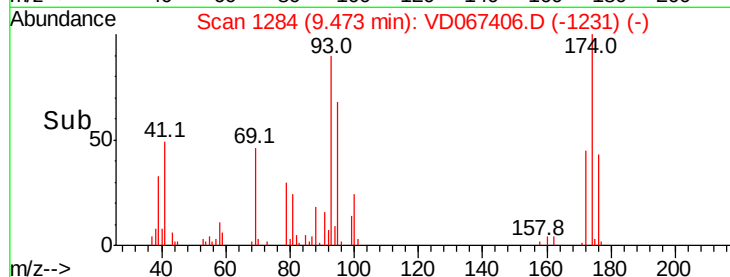
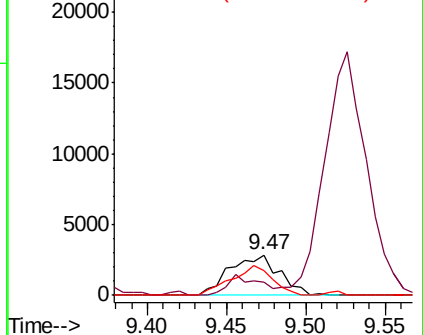
58 61.5 51.0 76.6



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: 51.025 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067406.D

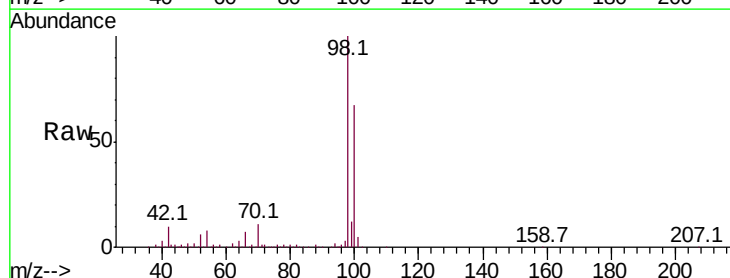
Acq: 27 Oct 2020 12:44

Tgt Ion: 98 Resp: 559273

Ion Ratio Lower Upper

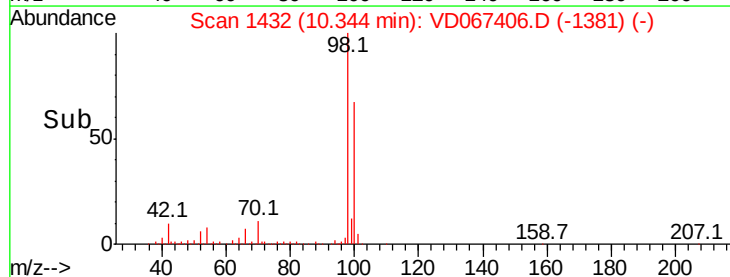
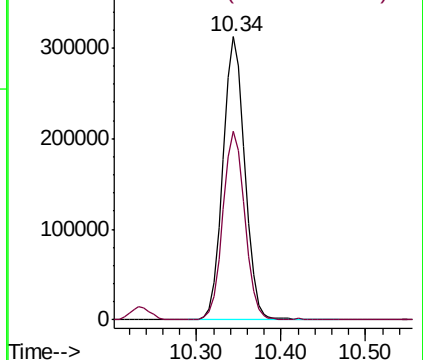
98 100

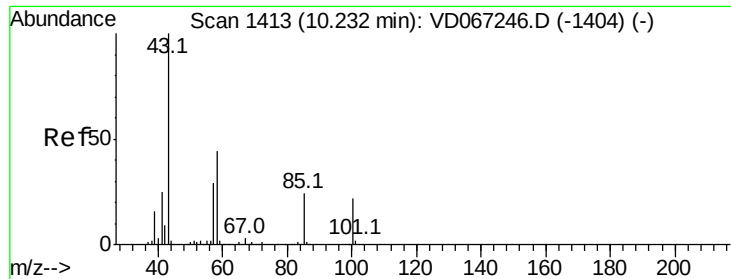
100 66.8 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

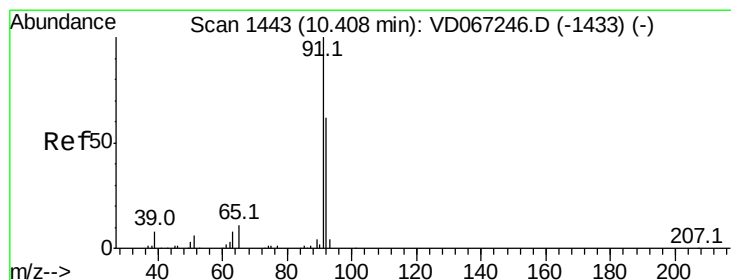
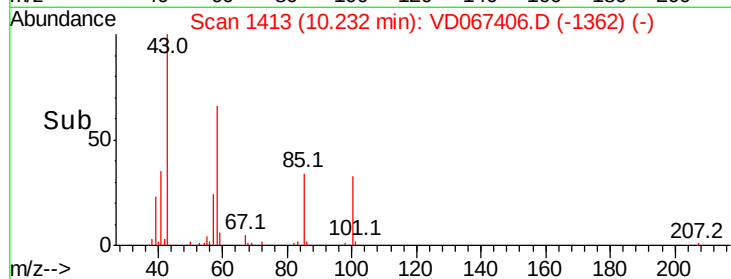
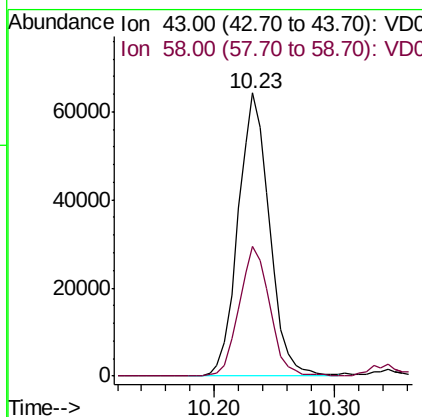
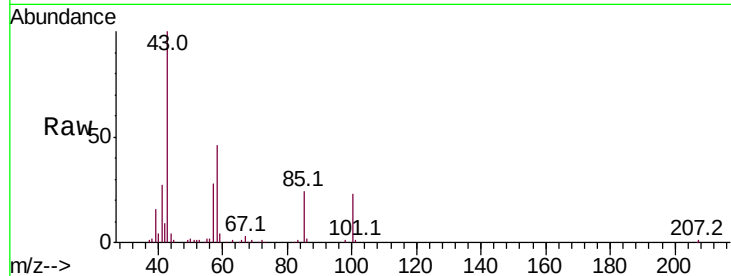




#51
4-Methyl-2-Pentanone
Concen: 103.522 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

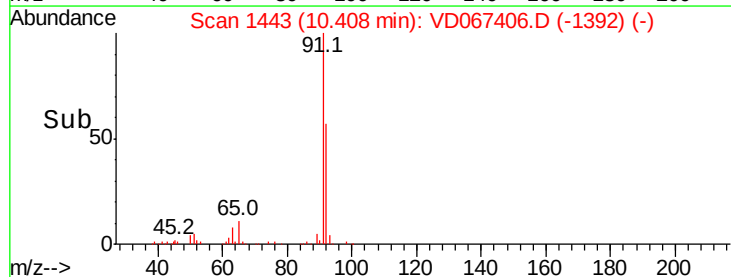
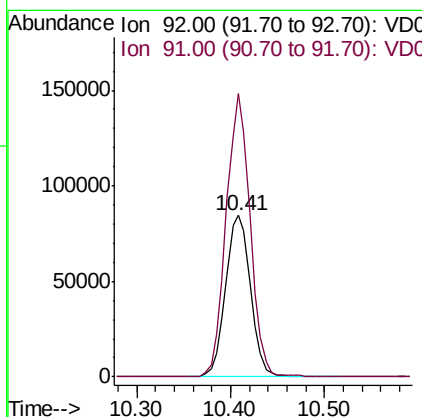
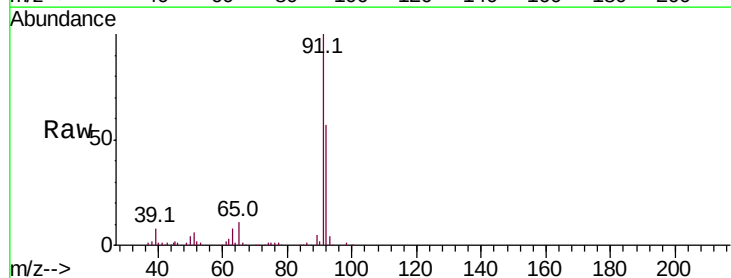
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBS01

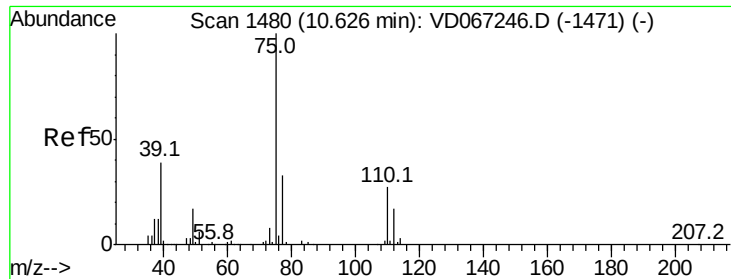
Tot Ion: 43 Resp: 116275
Ion Ratio Lower Upper
43 100
58 44.7 35.7 53.5



#52
Toluene
Concen: 21.633 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 92 Resp: 155918
Ion Ratio Lower Upper
92 100
91 168.6 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 21.113 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

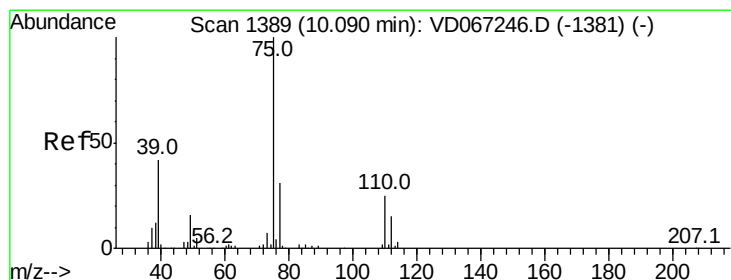
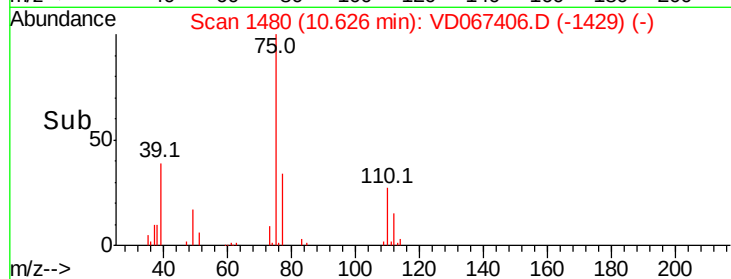
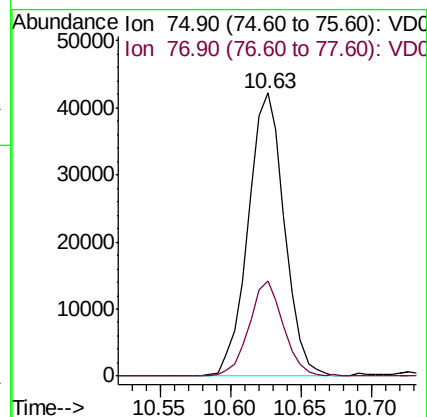
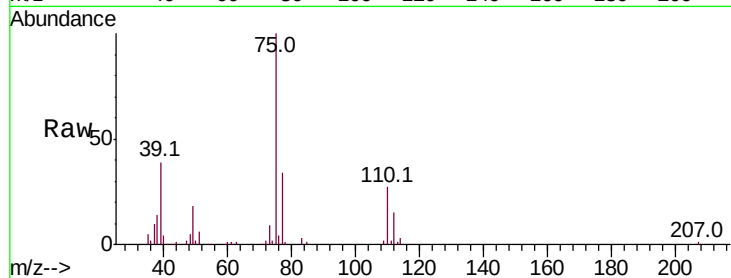
VD1027SBS01

Tot Ion: 75 Resp: 75931

Ion Ratio Lower Upper

75 100

77 33.6 26.5 39.7



#54

cis-1,3-Dichloropropene

Concen: 20.603 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

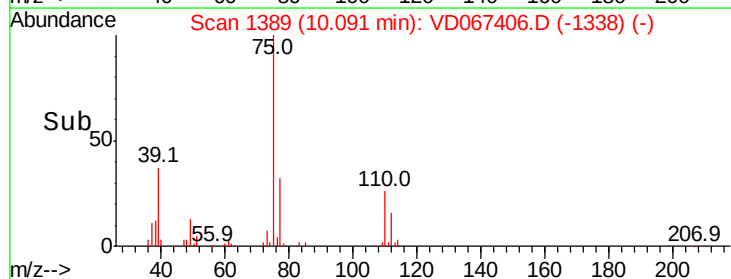
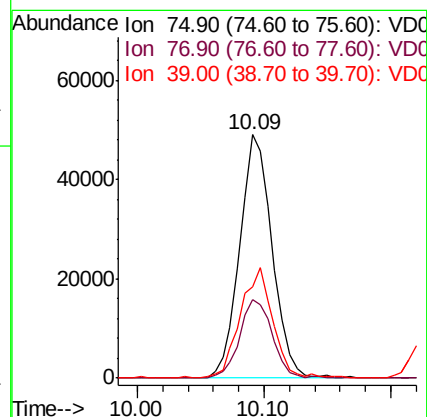
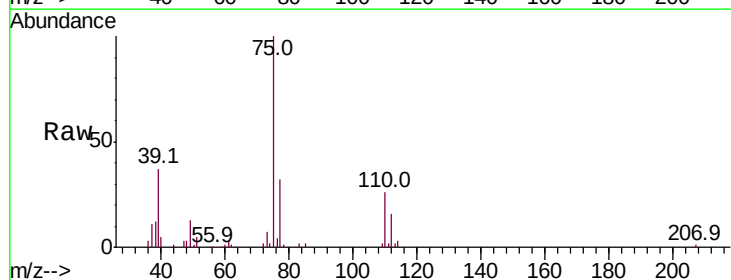
Tgt Ion: 75 Resp: 86713

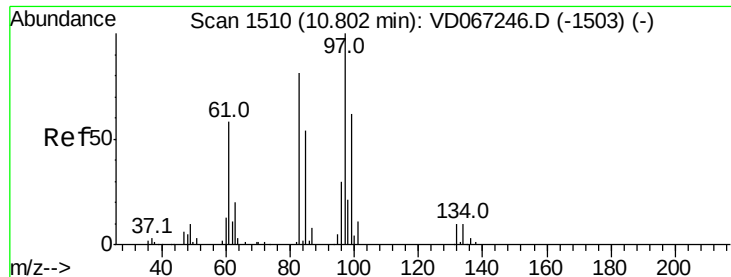
Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

39 37.3 33.7 50.5

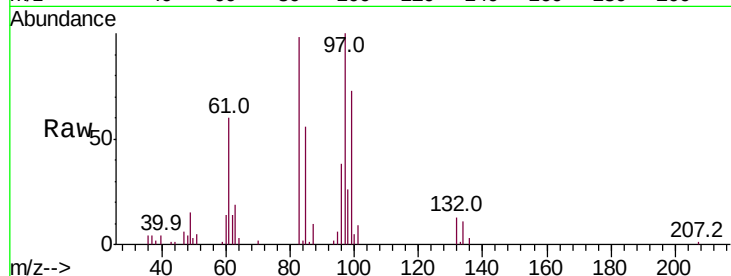




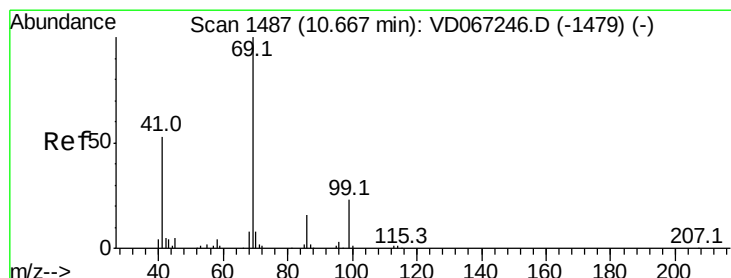
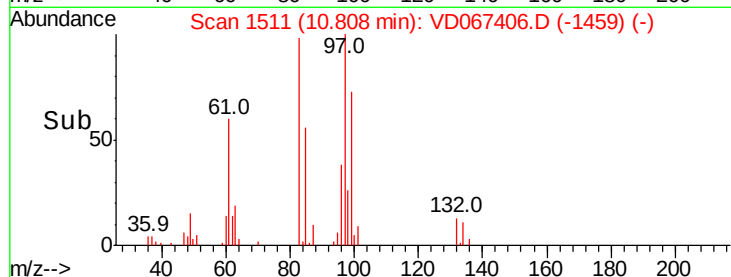
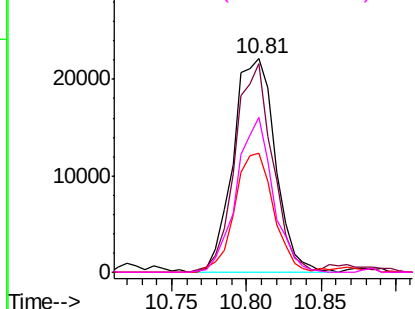
#55
 1,1,2-Trichloroethane
 Concen: 20.871 ug/l
 RT: 10.81 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	97.9	64.9	97.3#
85	55.5	43.3	64.9
99	72.5	49.1	73.7

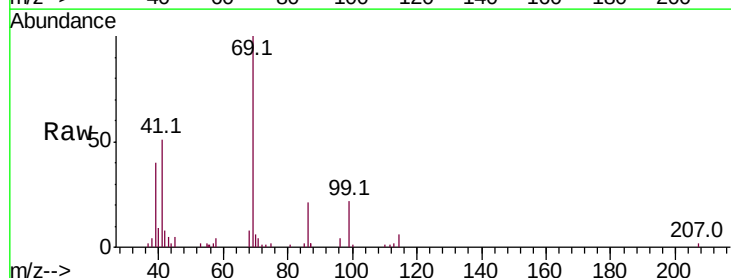


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

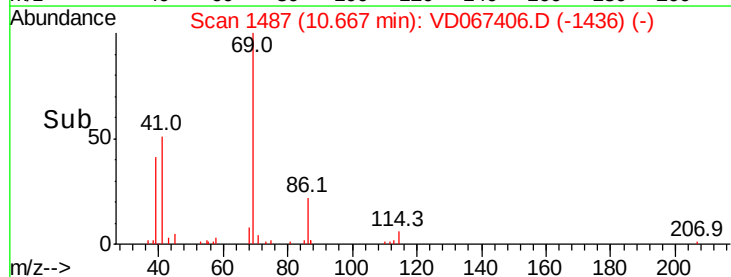
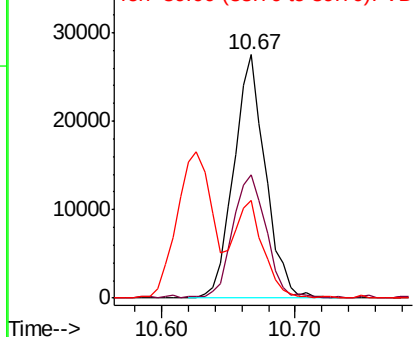


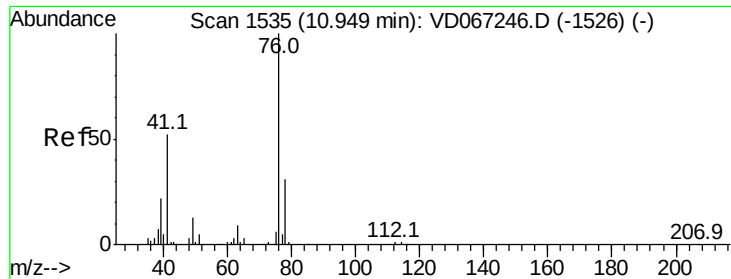
#56
 Ethyl methacrylate
 Concen: 20.925 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.9	44.7	67.1
39	34.4	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: 21.076 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

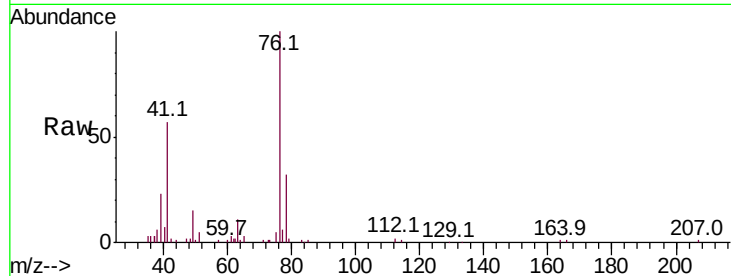
VD1027SBSD01

Tot Ion: 76 Resp: 69890

Ion Ratio Lower Upper

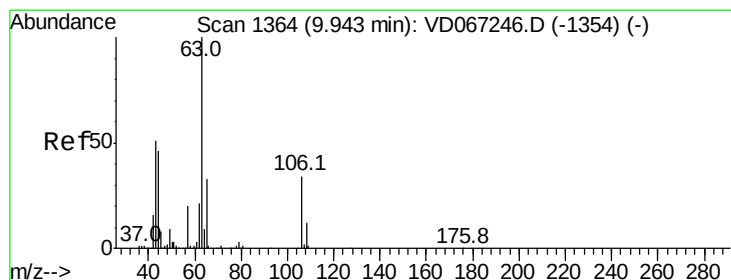
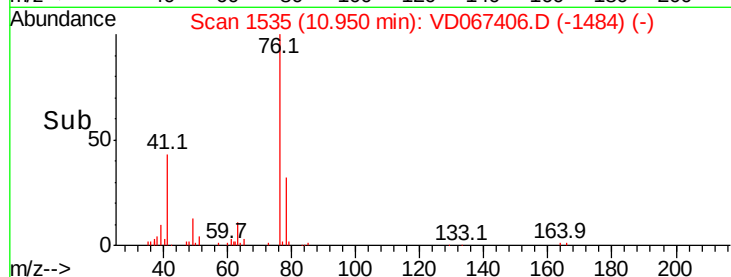
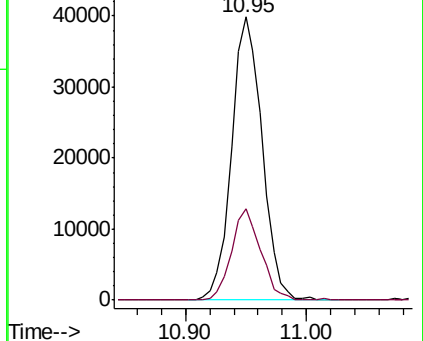
76 100

78 30.8 26.8 40.2



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 105.442 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VD067406.D

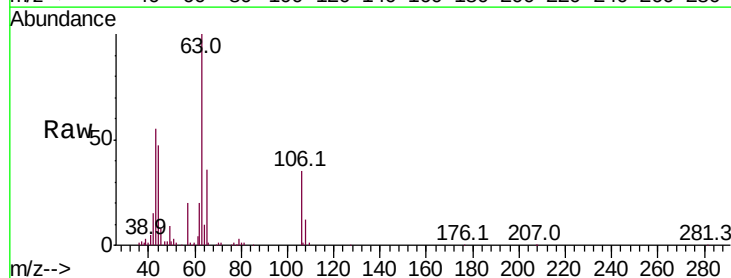
Acq: 27 Oct 2020 12:44

Tgt Ion: 63 Resp: 116892

Ion Ratio Lower Upper

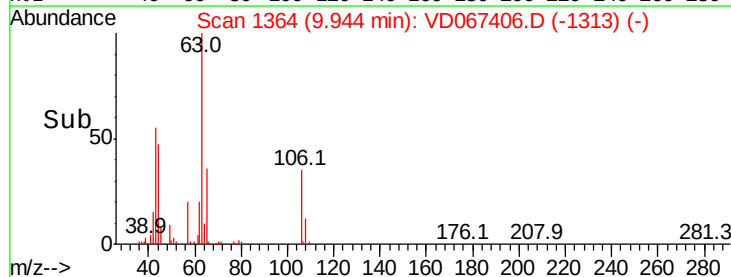
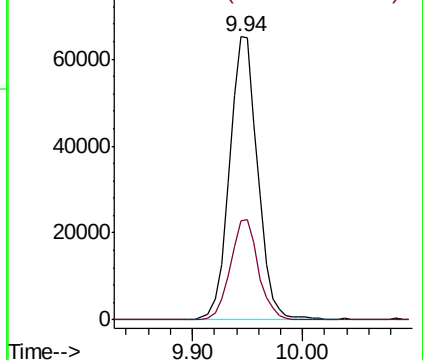
63 100

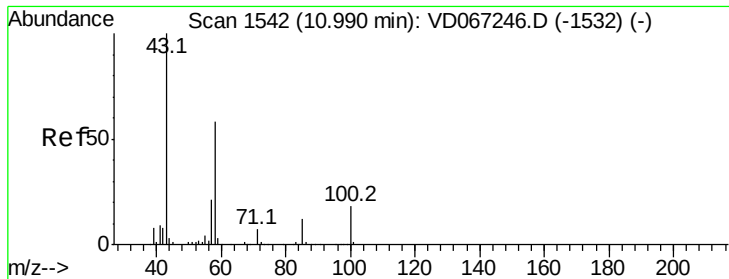
106 35.2 27.8 41.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 102.991 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

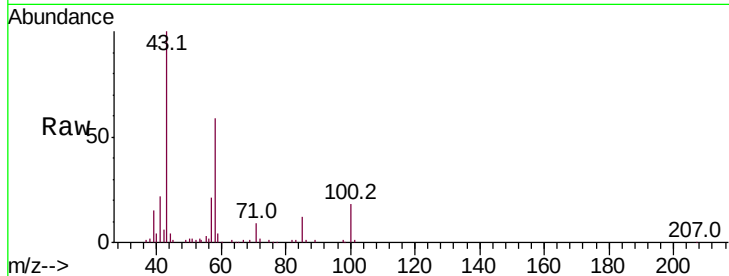
VD1027SBSD01

Tot Ion: 43 Resp: 79047

Ion Ratio Lower Upper

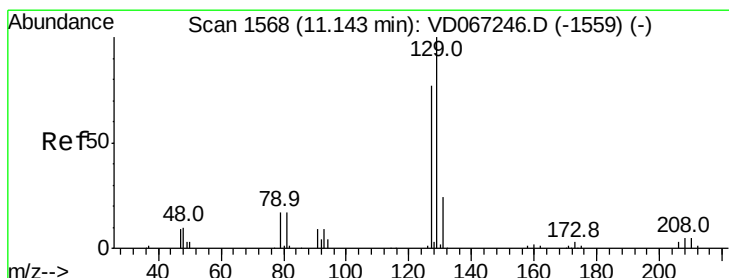
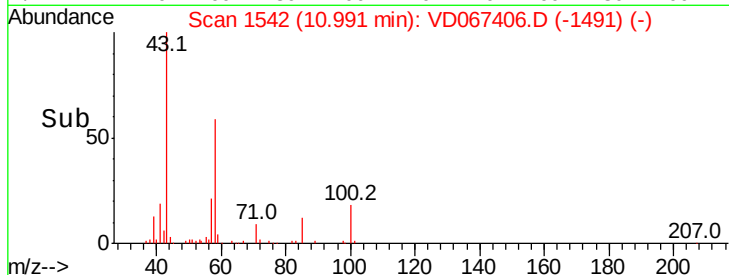
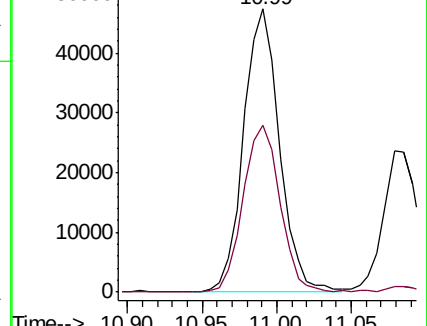
43 100

58 60.8 29.3 87.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 58.00 (57.70 to 58.70): V



#60

Dibromochloromethane

Concen: 20.843 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VD067406.D

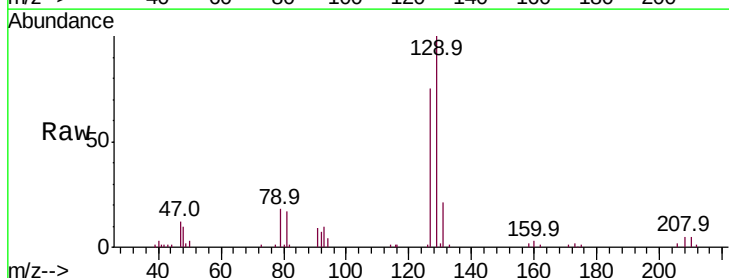
Acq: 27 Oct 2020 12:44

Tgt Ion: 129 Resp: 63338

Ion Ratio Lower Upper

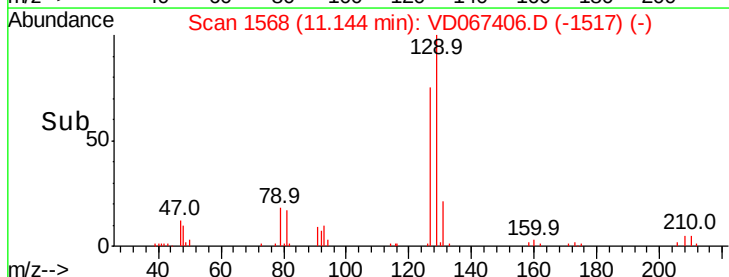
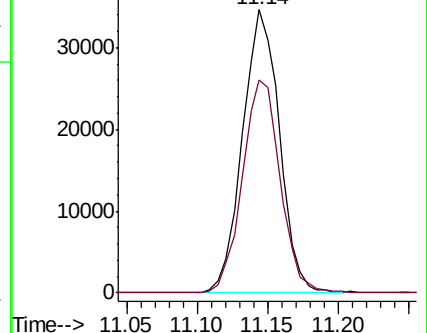
129 100

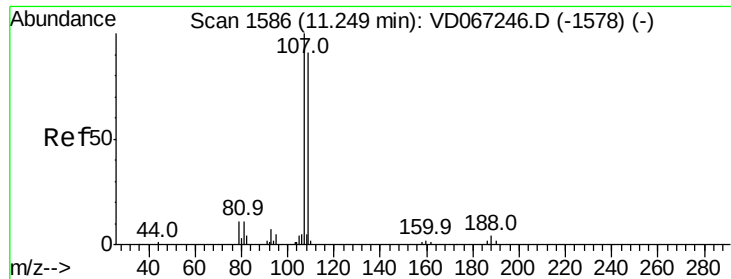
127 77.3 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

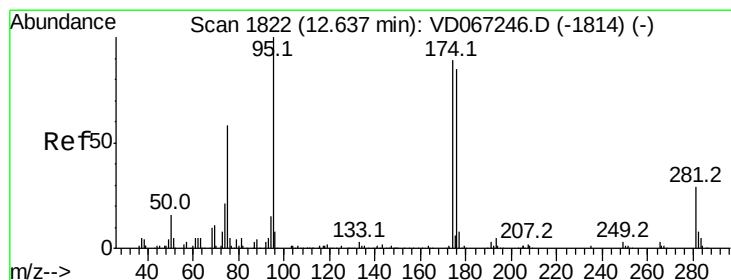
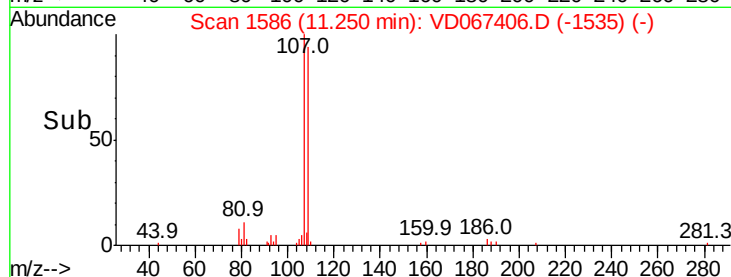
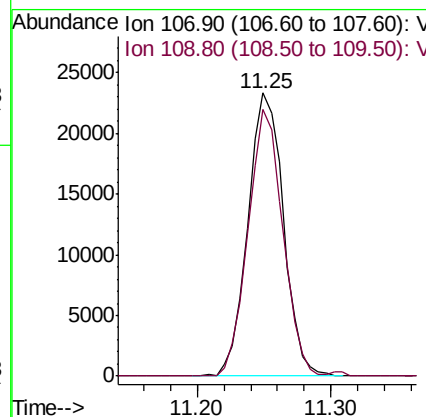
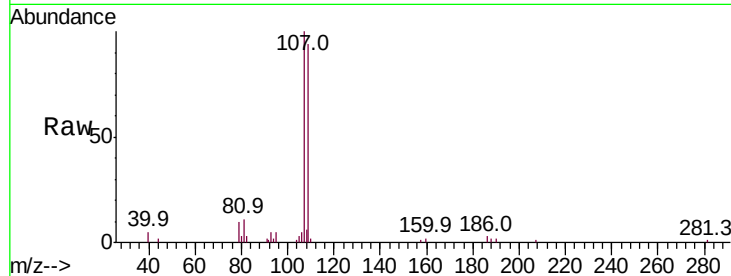




#61
 1,2-Dibromoethane
 Concen: 20.790 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

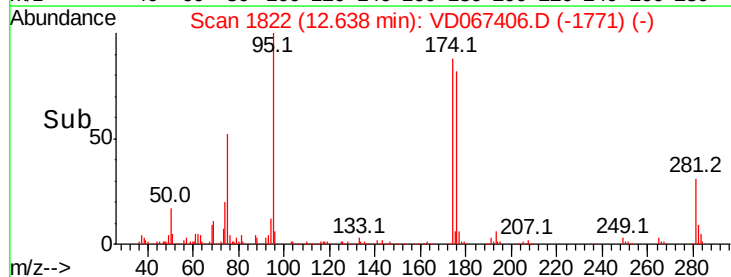
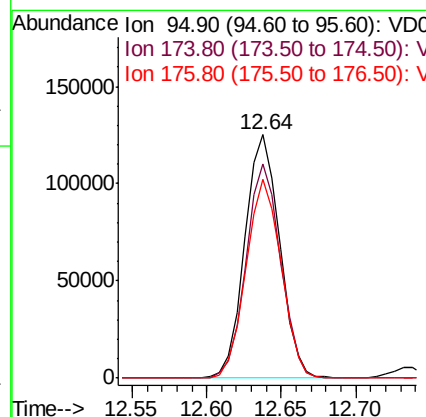
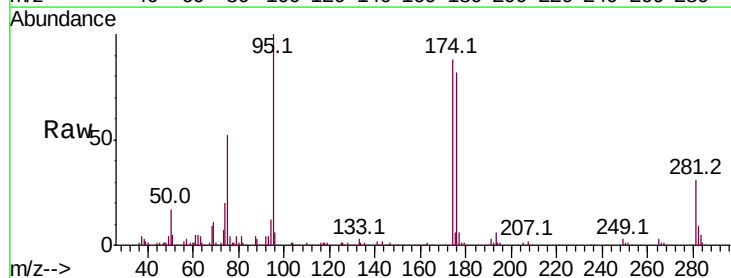
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBSD01

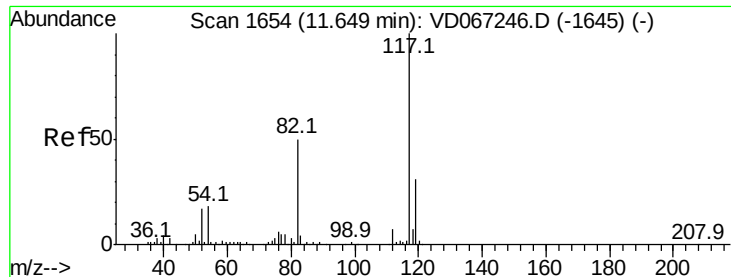
Tot Ion:107 Resp: 42707
 Ion Ratio Lower Upper
 107 100
 109 92.2 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 53.032 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion: 95 Resp: 202122
 Ion Ratio Lower Upper
 95 100
 174 87.0 0.0 175.2
 176 82.4 0.0 168.6

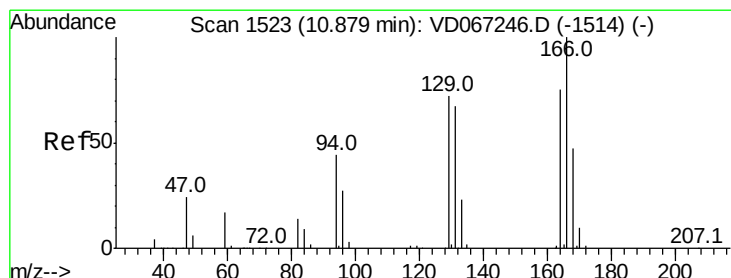
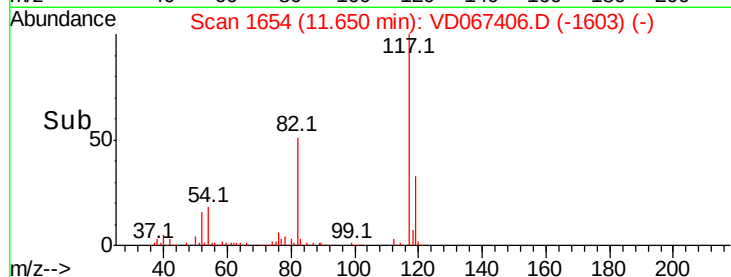
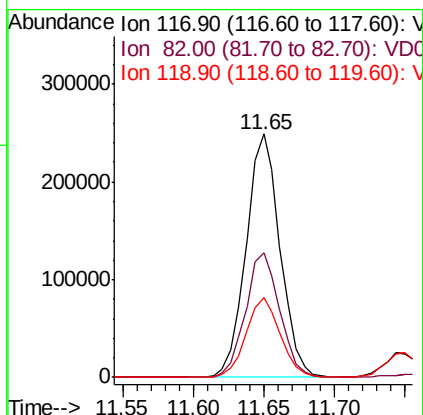
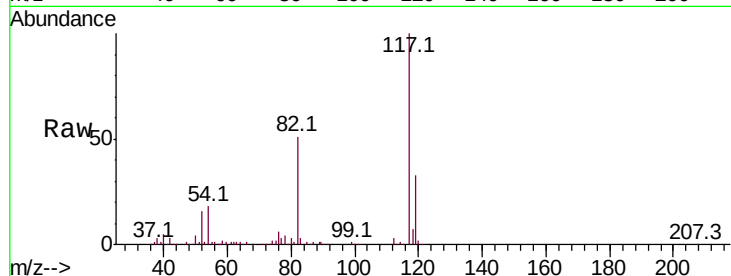




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

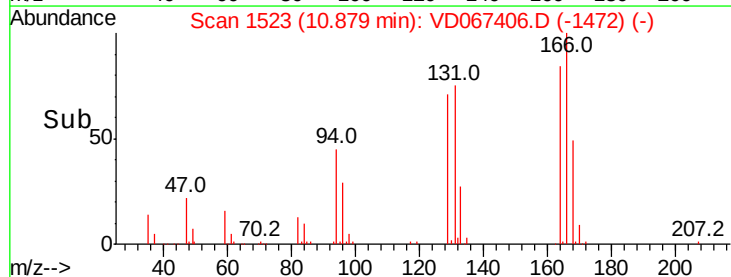
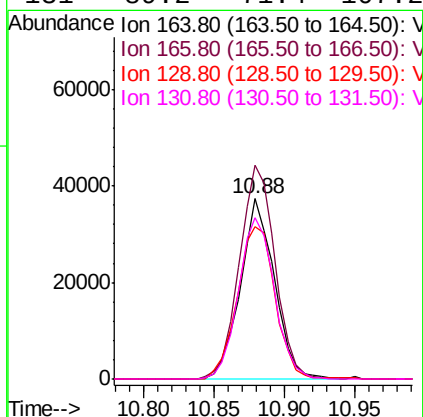
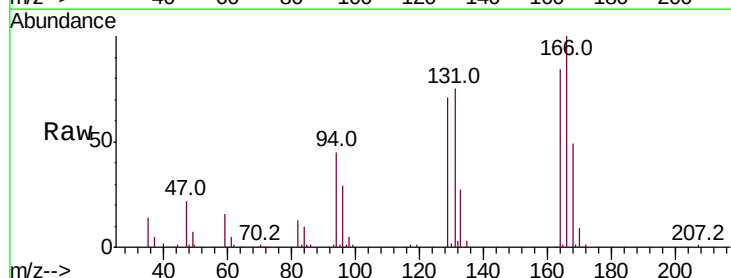
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

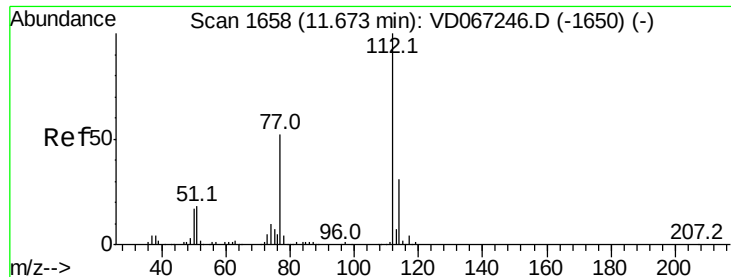
Tot Ion:117 Resp: 419914
Ion Ratio Lower Upper
117 100
82 51.3 39.9 59.9
119 32.7 24.9 37.3



#64
Tetrachloroethene
Concen: 20.803 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion:164 Resp: 63291
Ion Ratio Lower Upper
164 100
166 118.4 107.3 160.9
129 84.2 77.3 115.9
131 89.2 71.4 107.2





#65

Chlorobenzene

Concen: 21.233 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

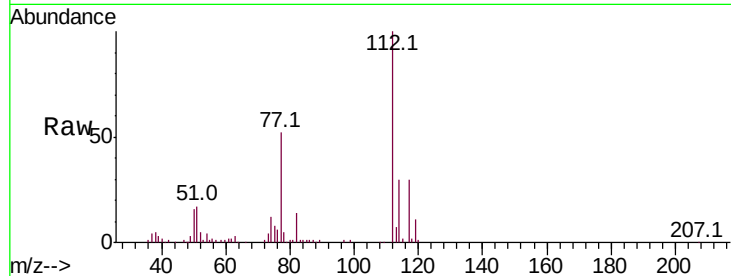
VD1027SBS01

Tot Ion:112 Resp: 170978

Ion Ratio Lower Upper

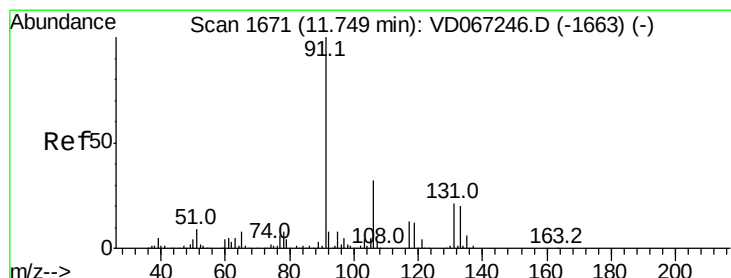
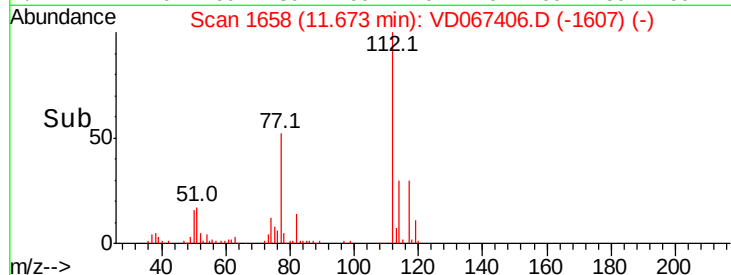
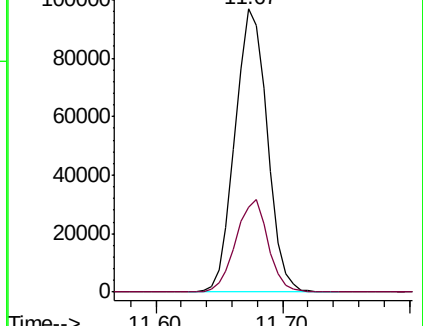
112 100

114 30.1 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.639 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

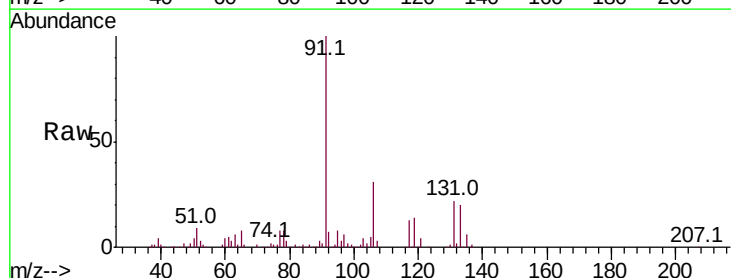
Tgt Ion:131 Resp: 69252

Ion Ratio Lower Upper

131 100

133 96.0 48.1 144.3

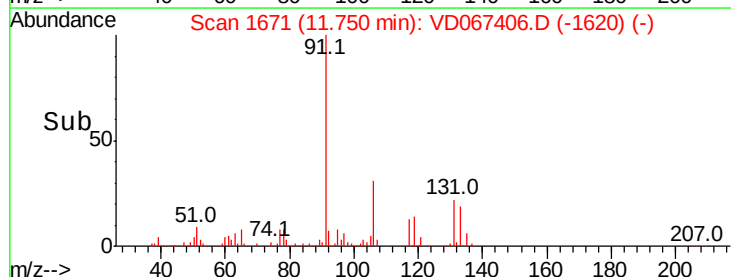
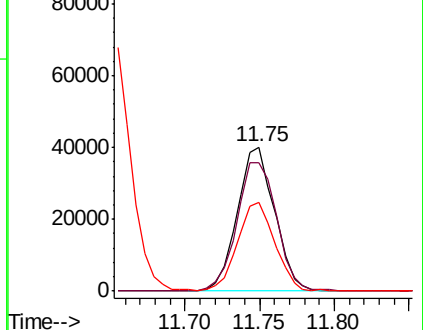
119 61.8 30.0 90.0

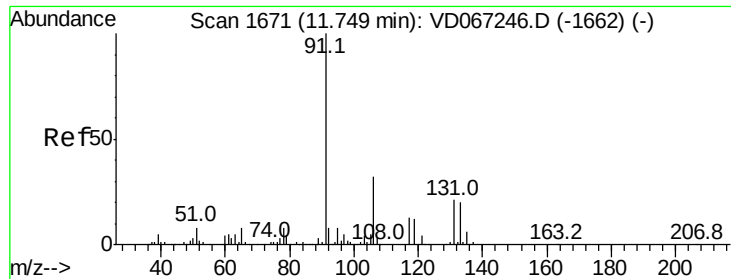


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

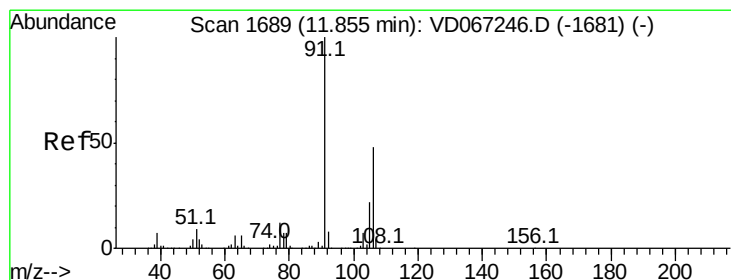
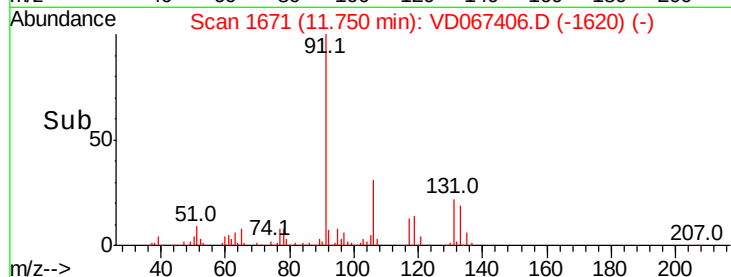
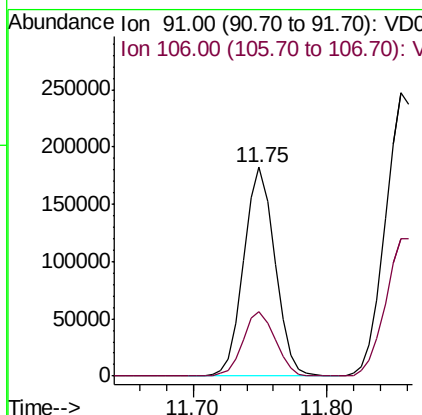
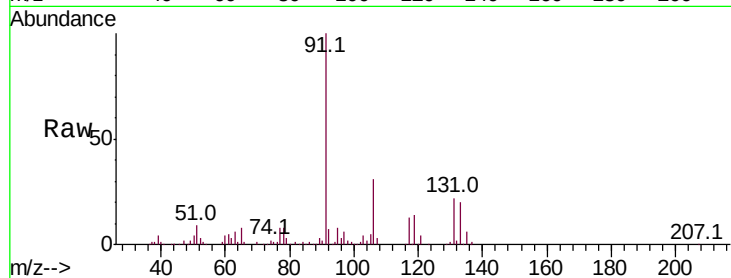




#67
Ethyl Benzene
Concen: 21.387 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

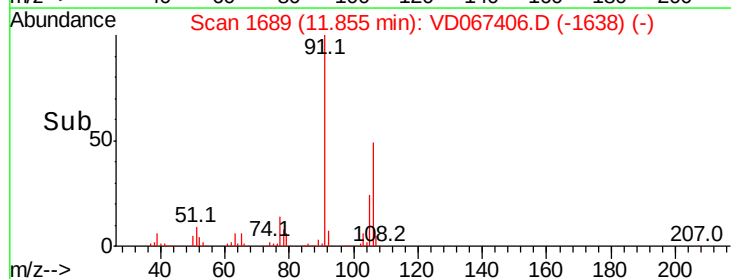
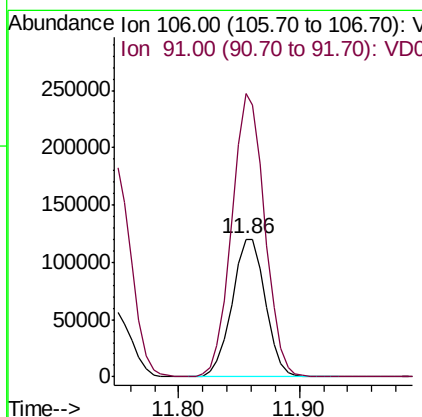
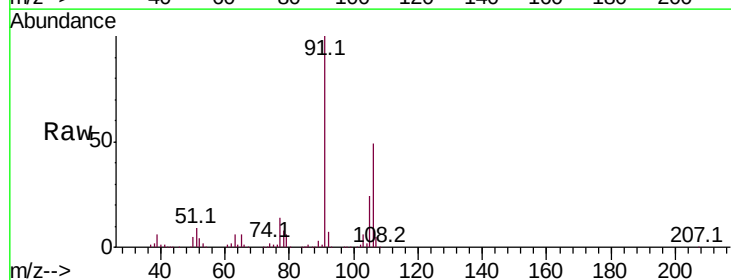
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBS01

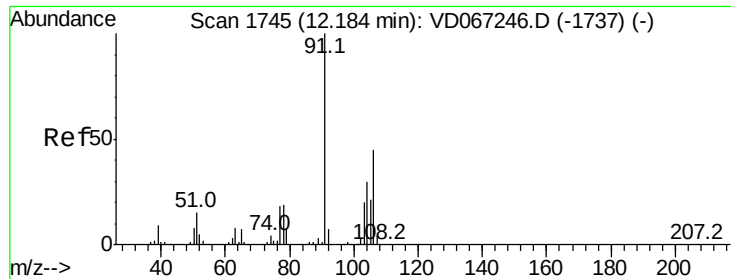
Tot Ion: 91 Resp: 295211
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0



#68
m/p-Xylenes
Concen: 43.479 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 106 Resp: 231109
Ion Ratio Lower Upper
106 100
91 202.6 163.8 245.8

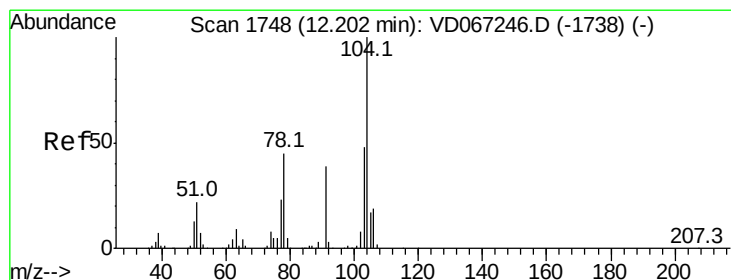
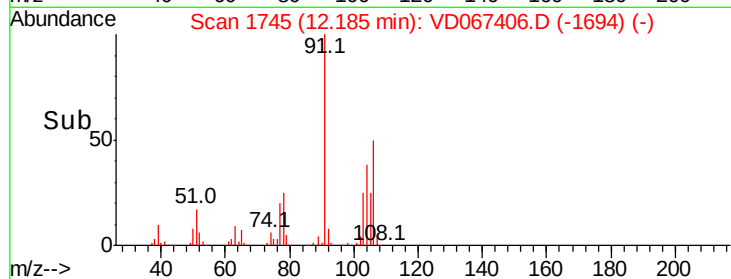
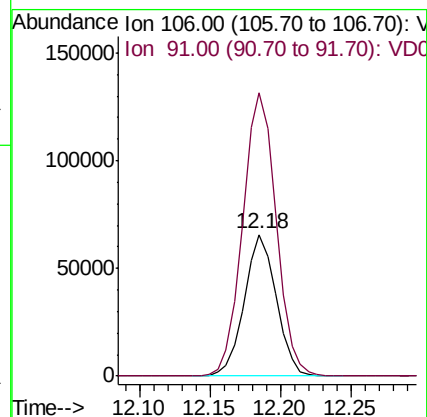
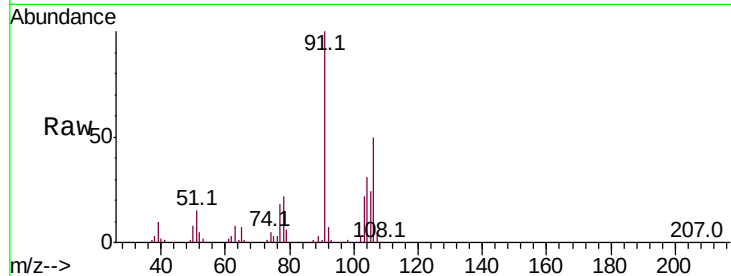




#69
o-Xylene
Concen: 21.221 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

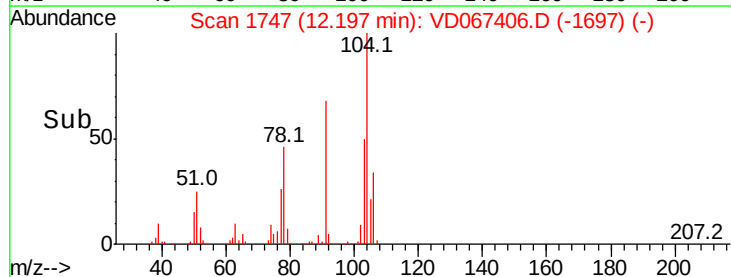
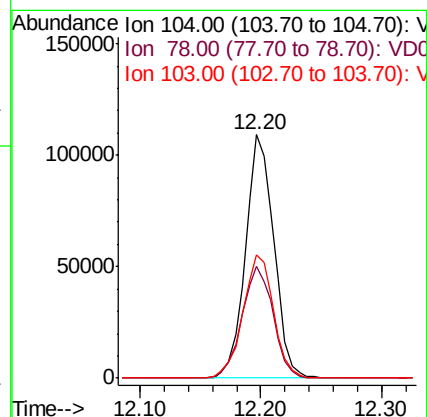
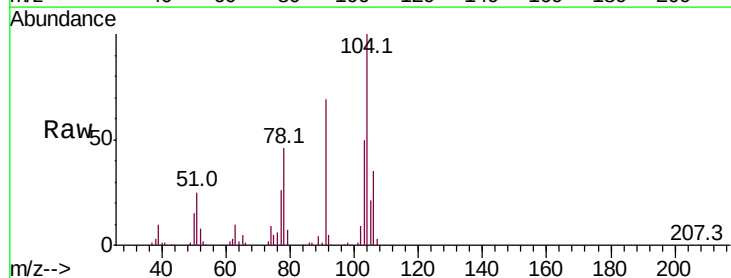
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

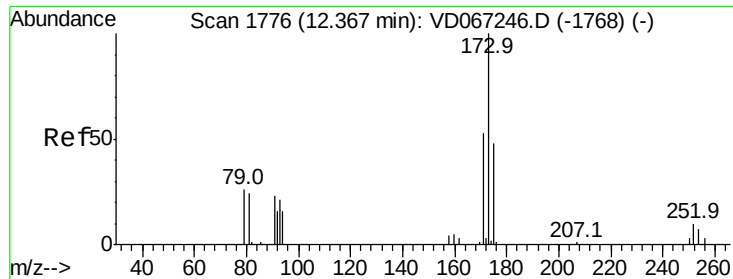
Tot Ion:106 Resp: 104453
Ion Ratio Lower Upper
106 100
91 209.0 109.1 327.3



#70
Styrene
Concen: 21.104 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion:104 Resp: 178819
Ion Ratio Lower Upper
104 100
78 50.3 39.8 59.6
103 54.5 42.6 64.0





#71

Bromoform

Concen: 21.658 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBSD01

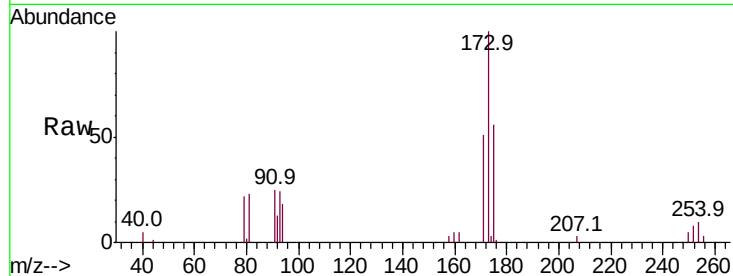
Tot Ion:173 Resp: 37237

Ion Ratio Lower Upper

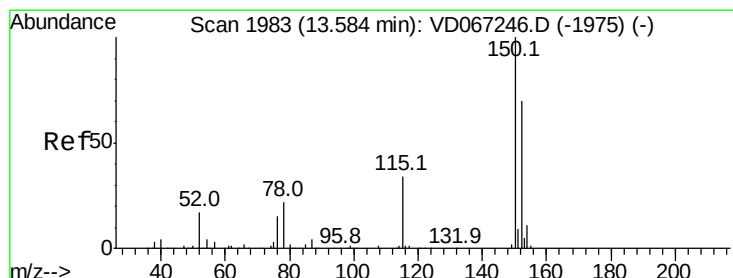
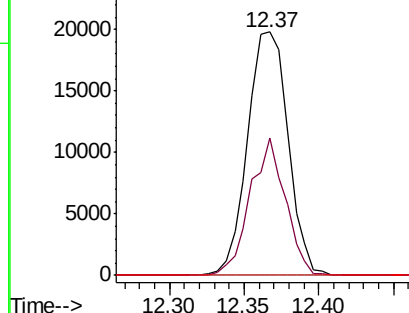
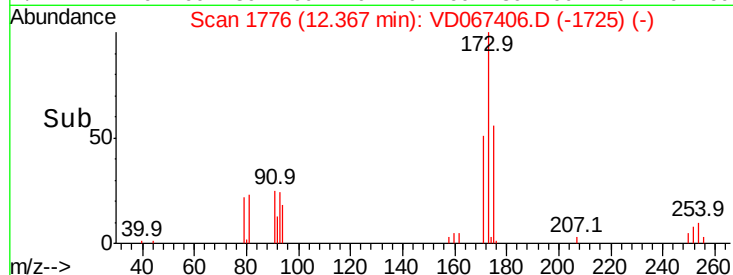
173 100

175 49.0 24.2 72.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

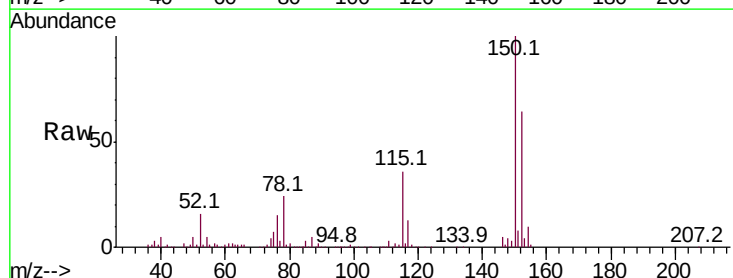
Tgt Ion:152 Resp: 216937

Ion Ratio Lower Upper

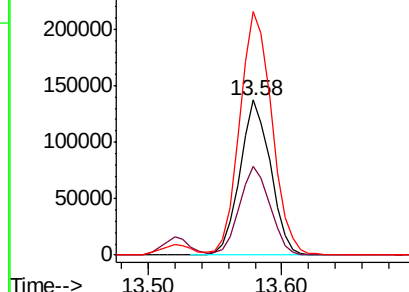
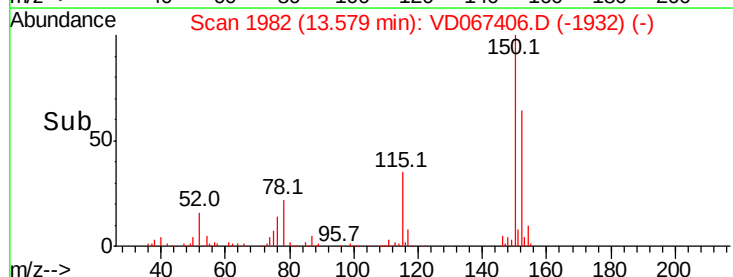
152 100

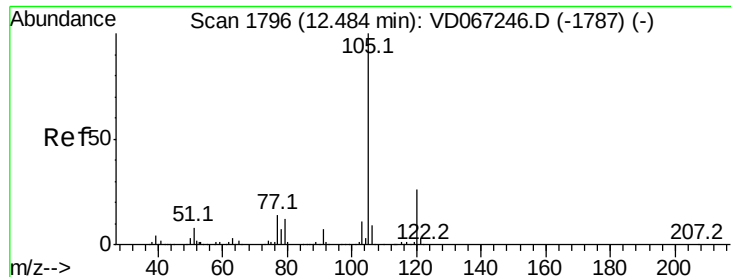
115 57.7 29.3 87.9

150 165.4 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: 21.450 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

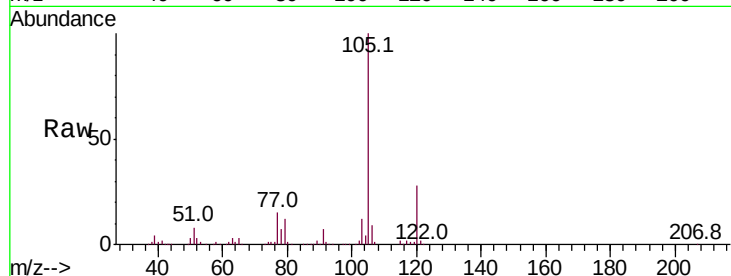
VD1027SBSD01

Tot Ion:105 Resp: 295325

Ion Ratio Lower Upper

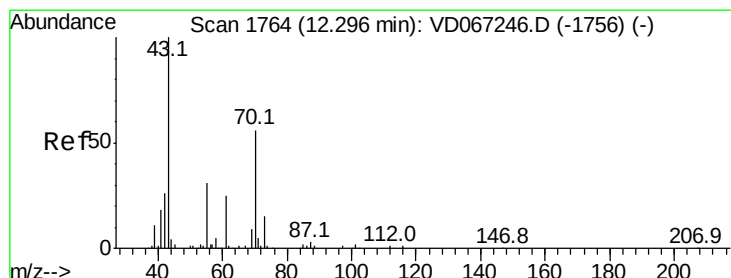
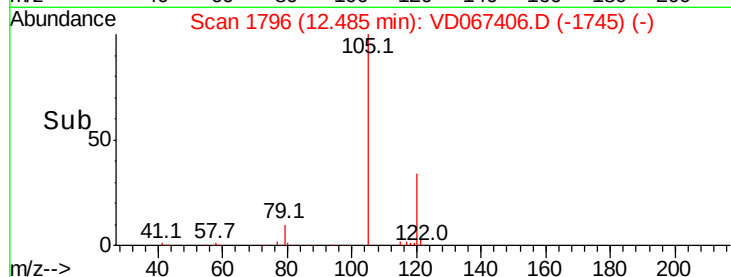
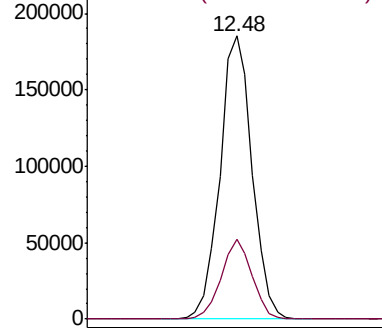
105 100

120 27.0 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.448 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Tgt Ion: 43 Resp: 42520

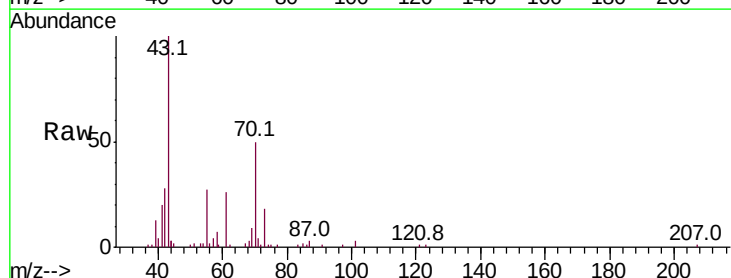
Ion Ratio Lower Upper

43 100

70 51.5 42.7 64.1

55 28.5 24.0 36.0

61 27.7 22.2 33.4

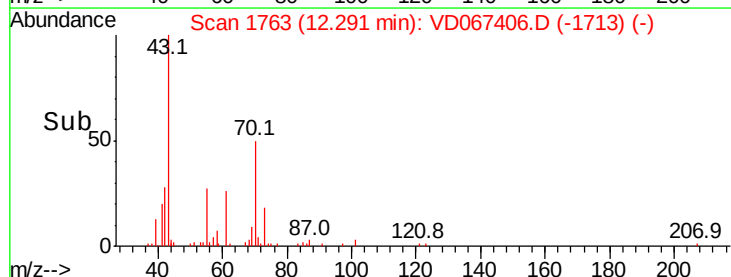
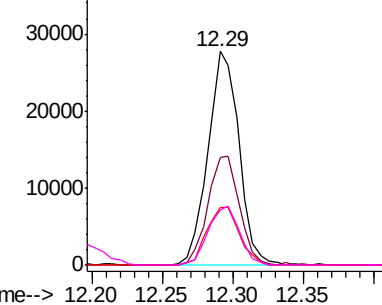


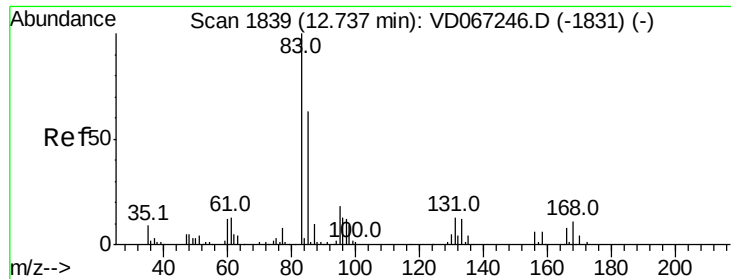
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.056 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBSD01

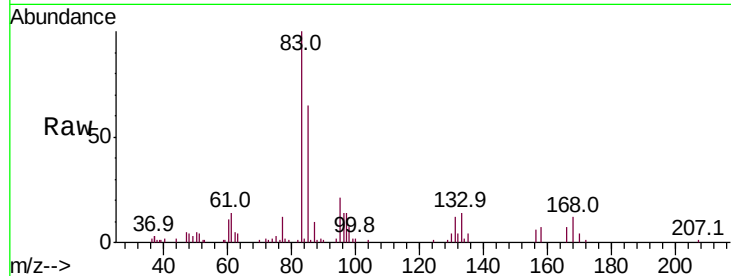
Tot Ion: 83 Resp: 44421

Ion Ratio Lower Upper

83 100

131 12.8 6.5 19.5

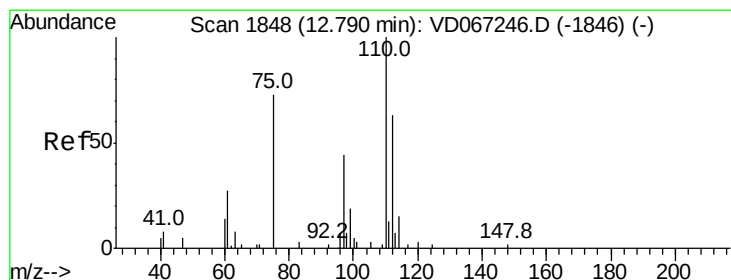
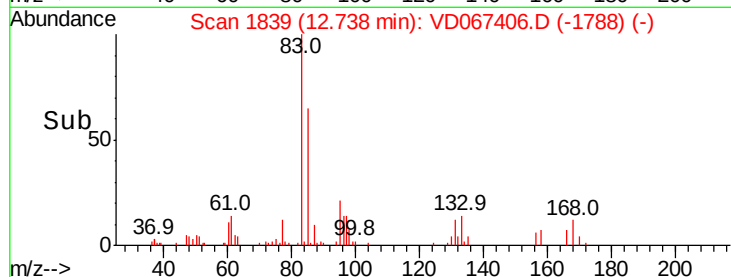
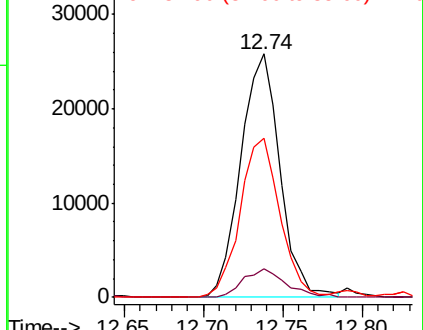
85 66.6 32.6 97.7



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: 39.973 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067406.D

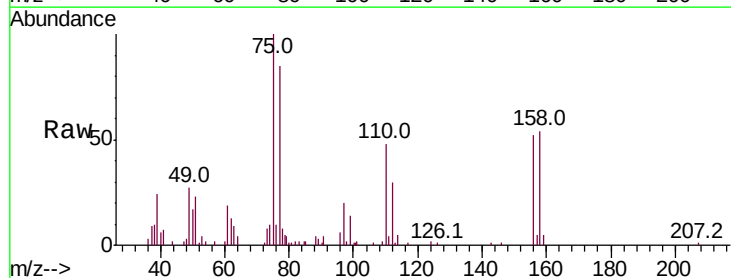
Acq: 27 Oct 2020 12:44

Tgt Ion: 75 Resp: 60102

Ion Ratio Lower Upper

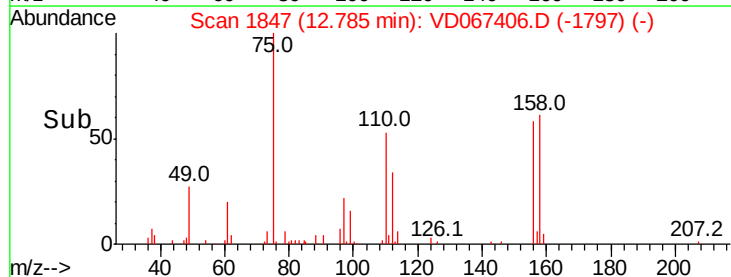
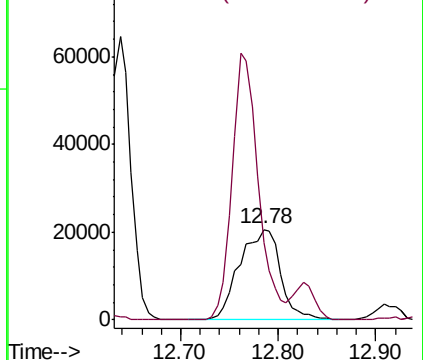
75 100

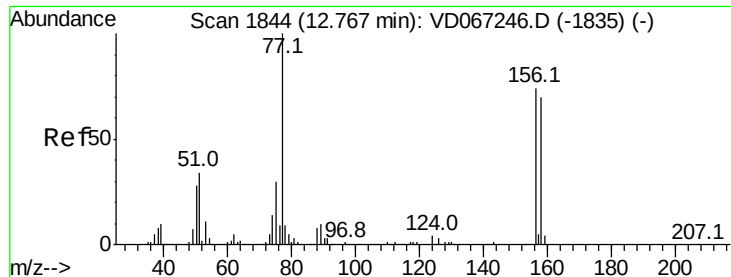
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.356 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBS01

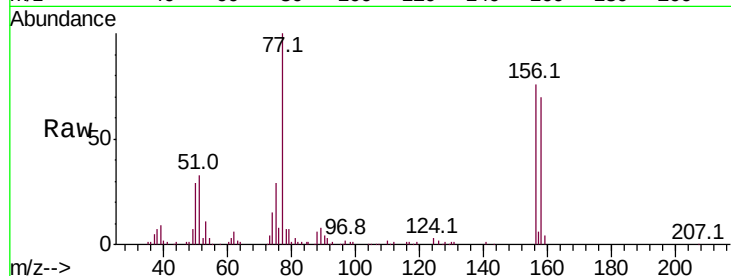
Tot Ion:156 Resp: 73307

Ion Ratio Lower Upper

156 100

77 155.8 78.0 233.8

158 94.7 49.1 147.3

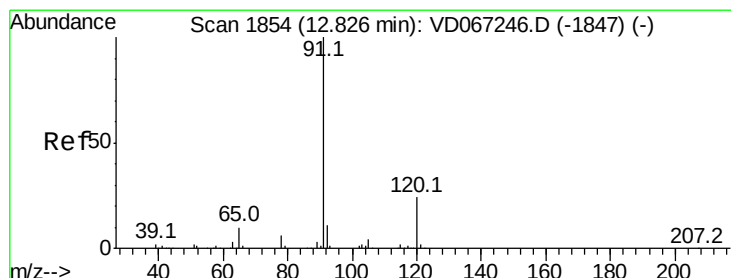
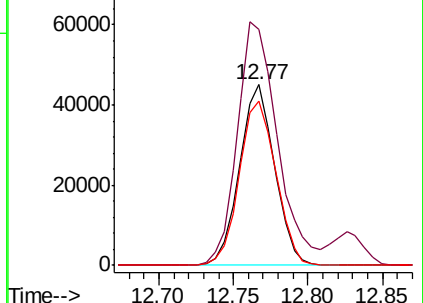
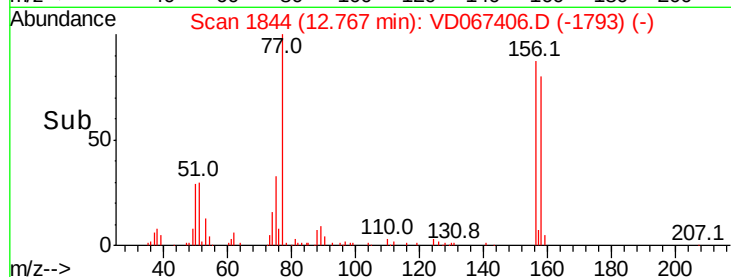


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V

Time-->



#78

n-propylbenzene

Concen: 21.362 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067406.D

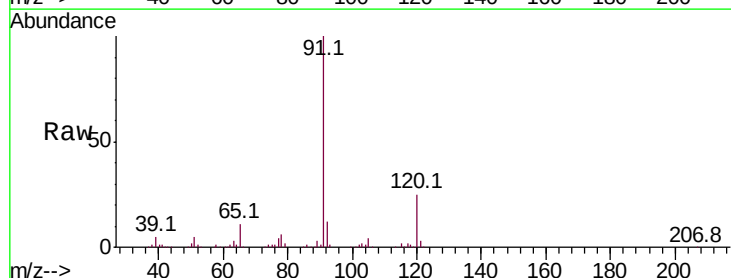
Acq: 27 Oct 2020 12:44

Tgt Ion: 91 Resp: 340768

Ion Ratio Lower Upper

91 100

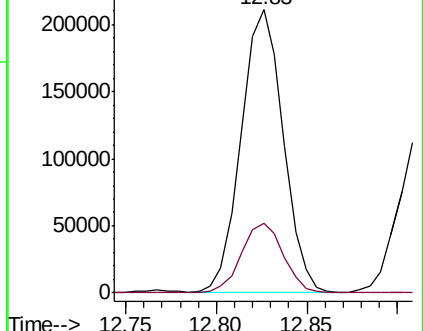
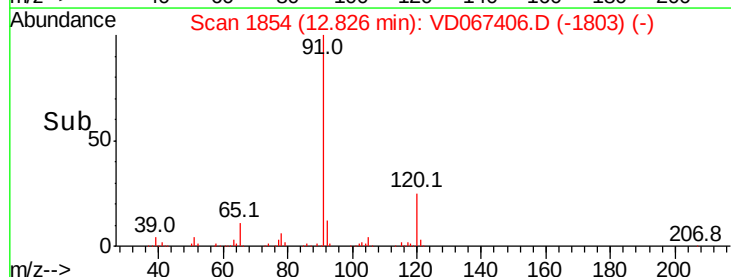
120 24.5 11.9 35.9

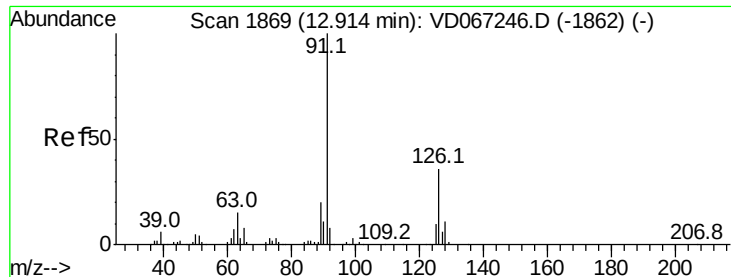


Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V

Time-->





#79

2-Chlorotoluene

Concen: 21.329 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

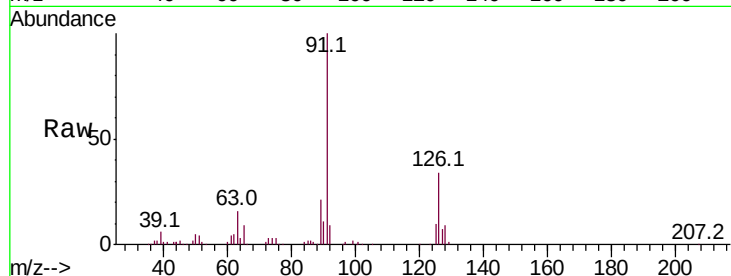
VD1027SBS01

Tot Ion: 91 Resp: 197316

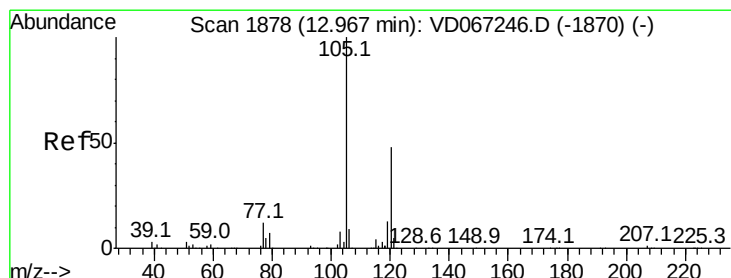
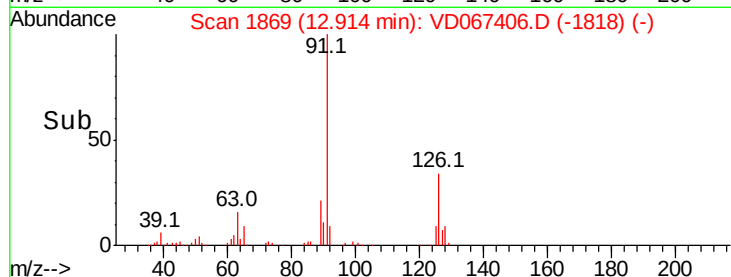
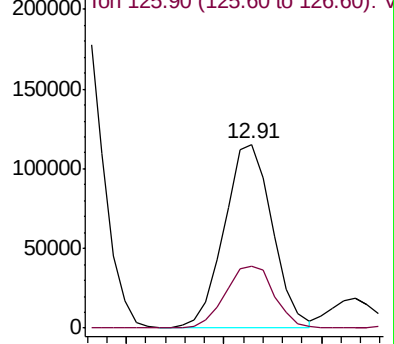
Ion Ratio Lower Upper

91 100

126 34.5 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.211 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VD067406.D

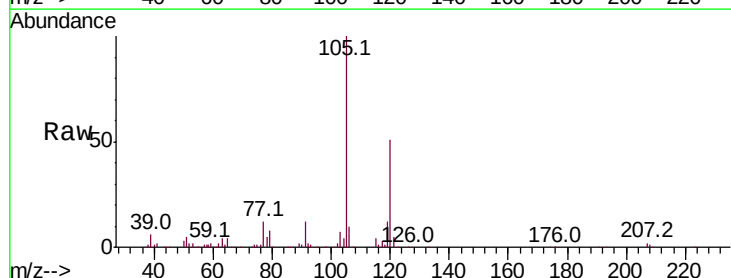
Acq: 27 Oct 2020 12:44

Tgt Ion: 105 Resp: 253785

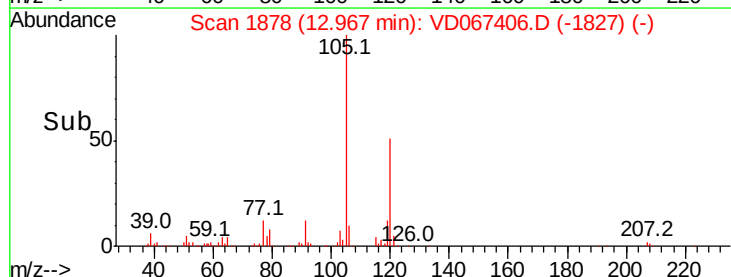
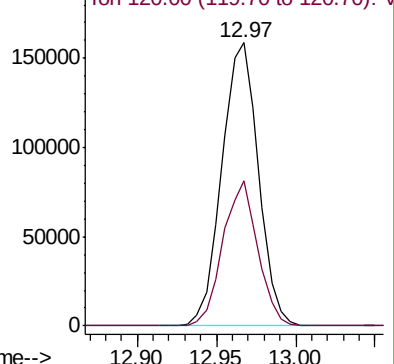
Ion Ratio Lower Upper

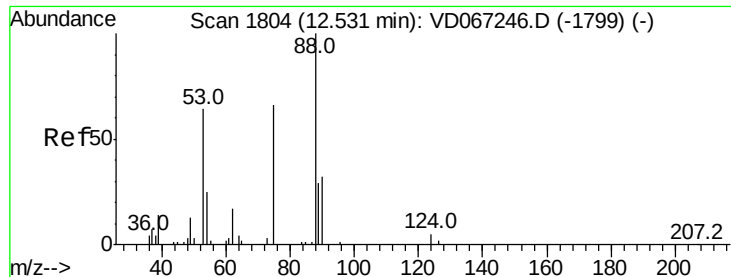
105 100

120 49.1 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

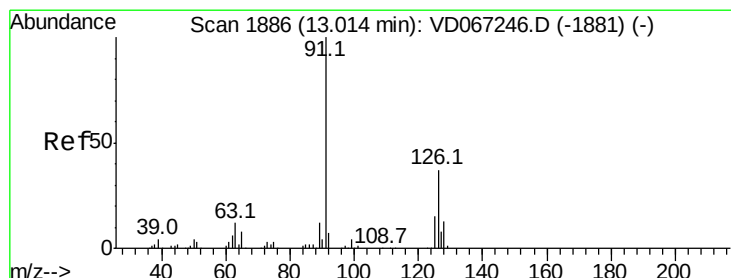
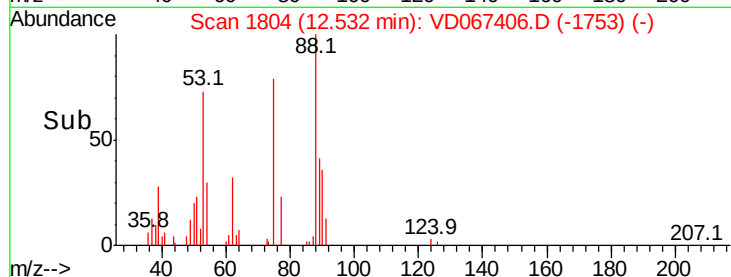
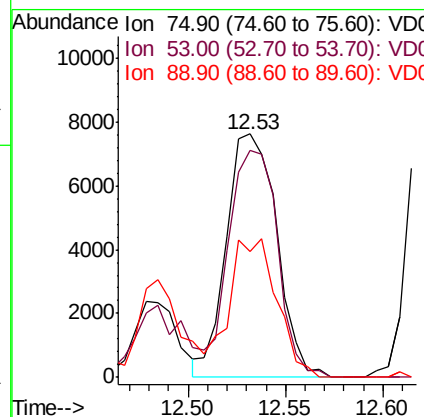
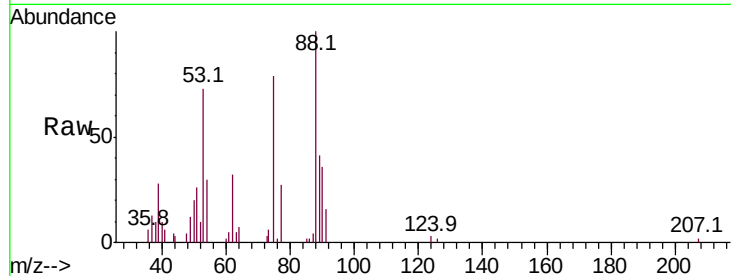




#81
trans-1,4-Dichloro-2-butene
Concen: 20.543 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

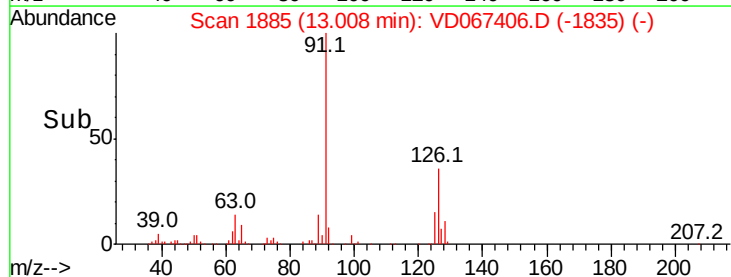
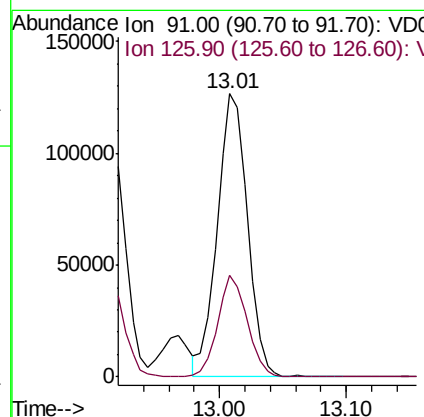
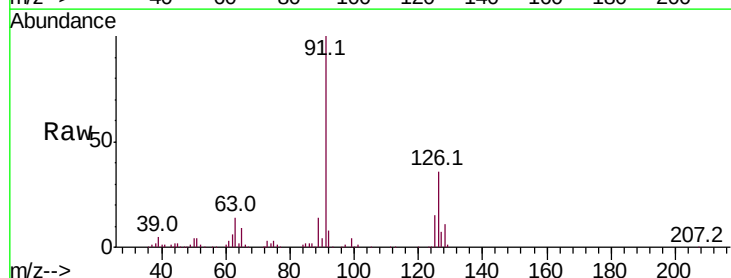
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBS01

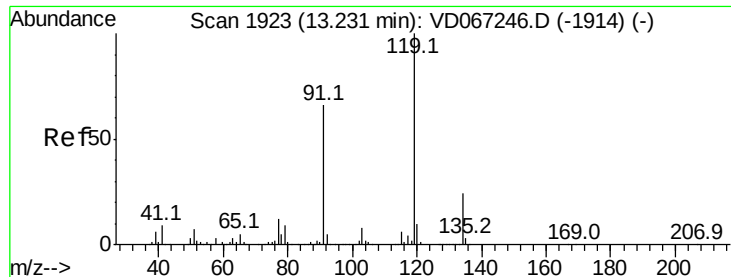
Tot Ion: 75 Resp: 13621
Ion Ratio Lower Upper
75 100
53 90.3 78.5 117.7
89 54.0 39.9 59.9



#82
4-Chlorotoluene
Concen: 21.365 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 91 Resp: 209776
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5

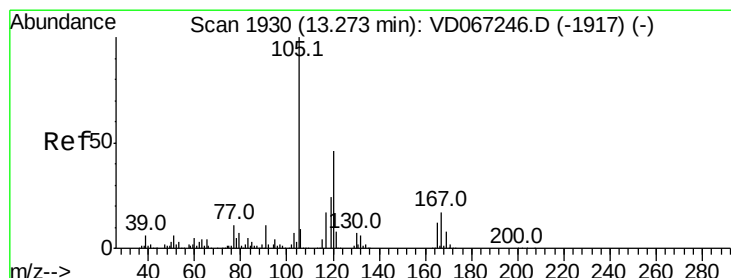
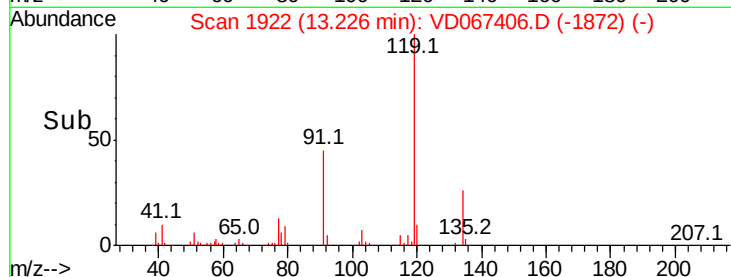
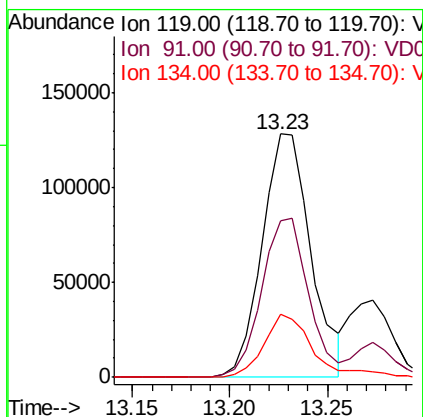
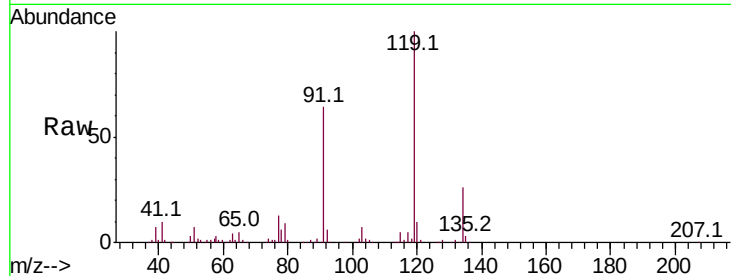




#83
 tert-Butylbenzene
 Concen: 21.936 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

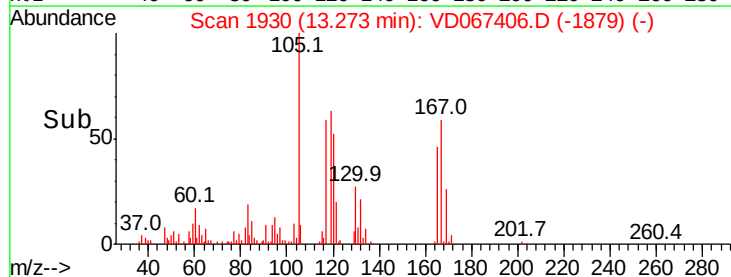
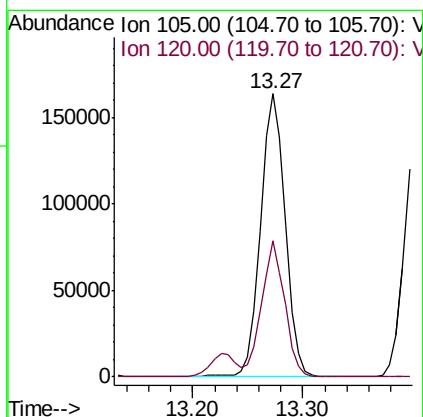
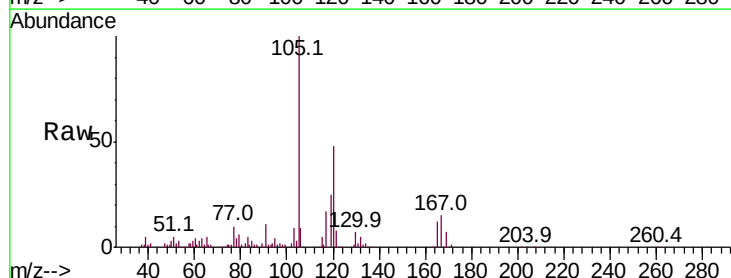
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBSD01

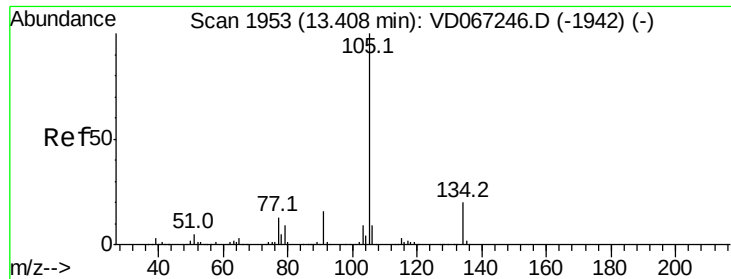
Tot Ion:119 Resp: 221702
 Ion Ratio Lower Upper
 119 100
 91 62.6 33.1 99.2
 134 26.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.766 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion:105 Resp: 257394
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.4 67.3

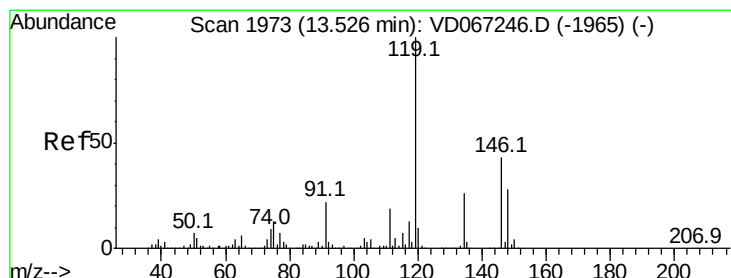
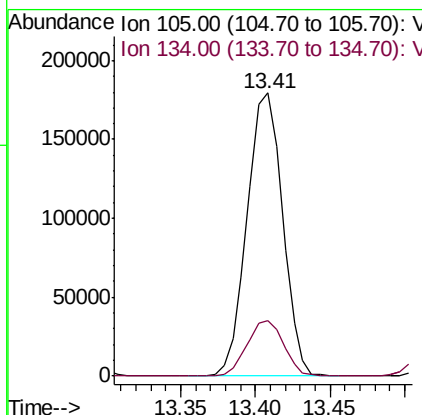
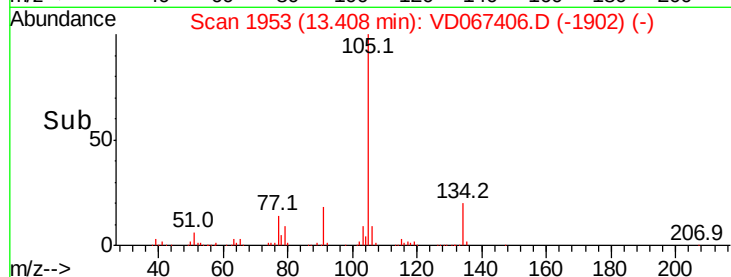
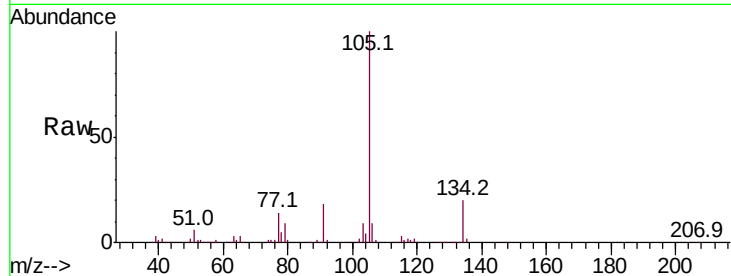




#85
 sec-Butylbenzene
 Concen: 21.344 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

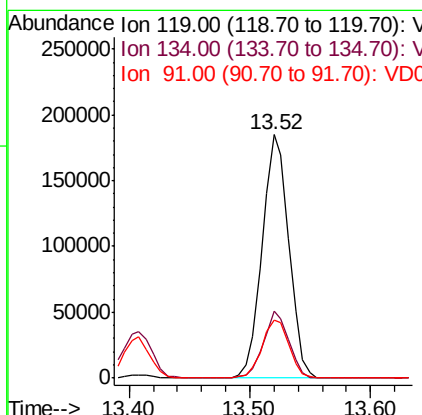
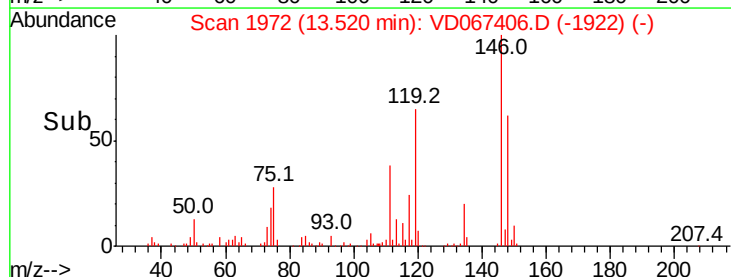
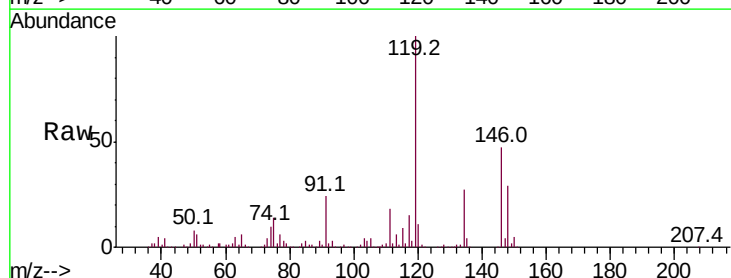
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBS01

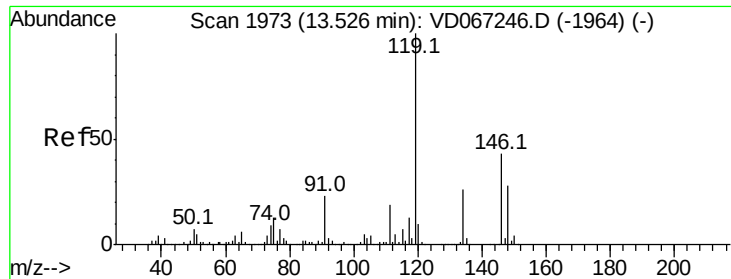
Tot Ion:105 Resp: 295988
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 21.537 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion:119 Resp: 281901
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.3
 91 24.3 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 21.735 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :

MSVOA_D

ClientSampleId :

VD1027SBS01

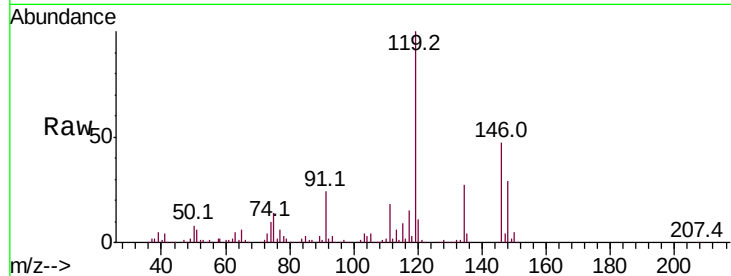
Tot Ion:146 Resp: 143600

Ion Ratio Lower Upper

146 100

111 40.1 21.1 63.3

148 62.9 31.9 95.9

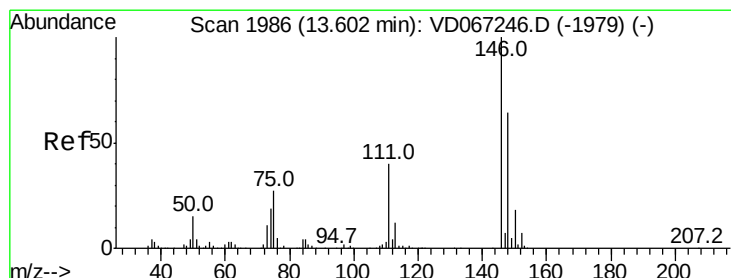
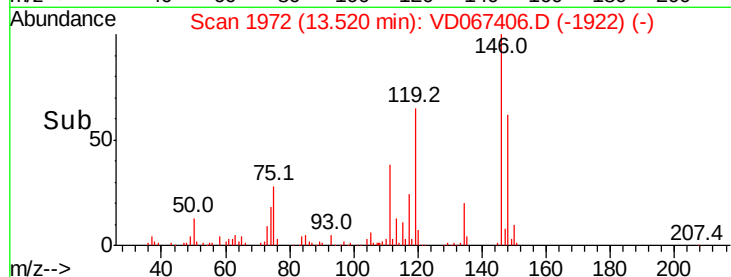
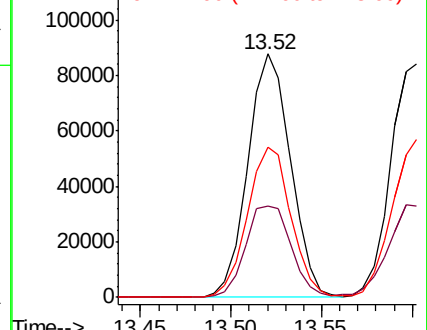


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 21.657 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

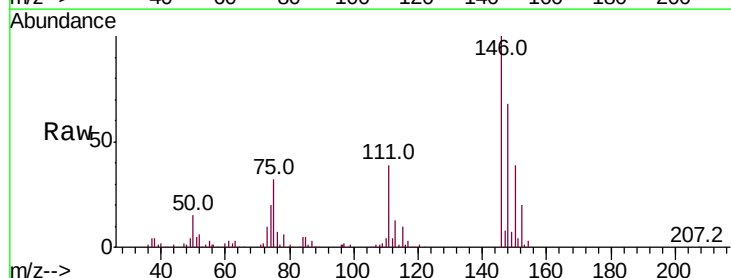
Tgt Ion:146 Resp: 141760

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 63.8 31.9 95.9

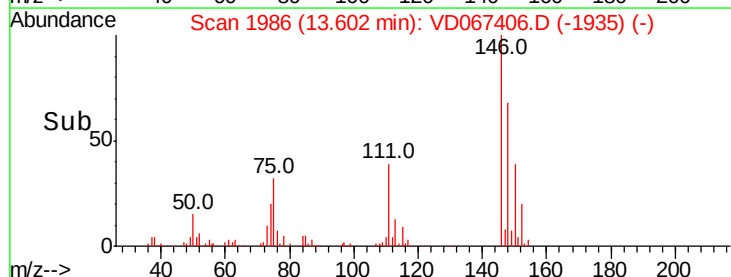
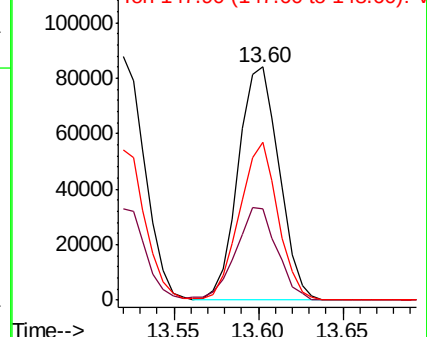


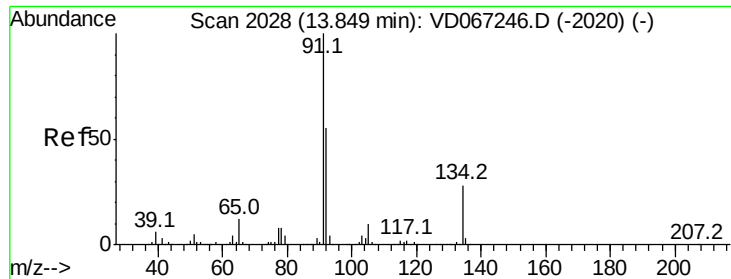
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

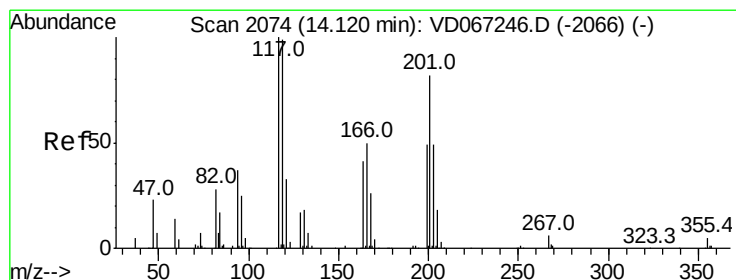
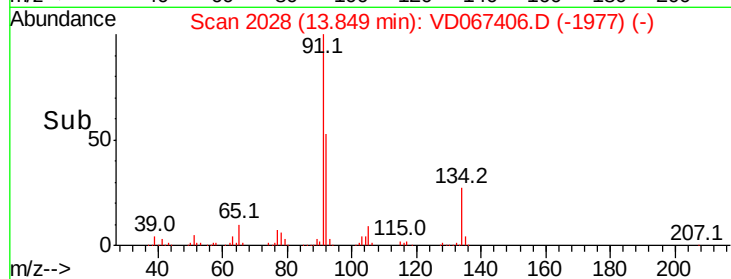
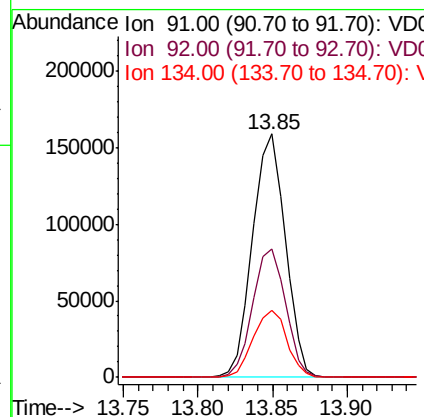
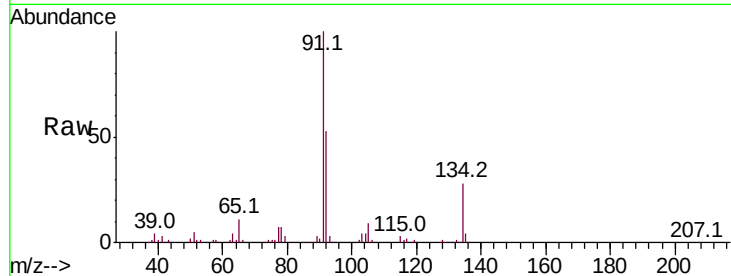




#89
n-Butylbenzene
Concen: 20.977 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

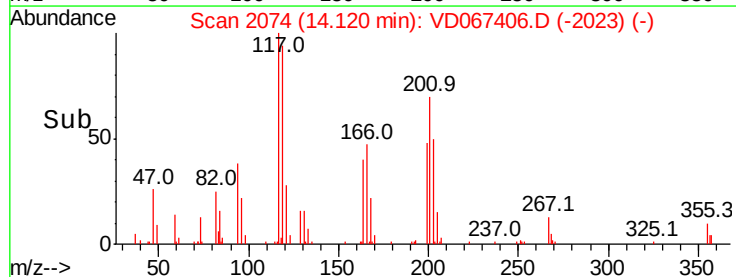
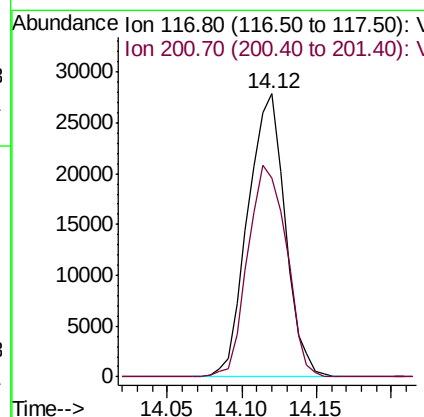
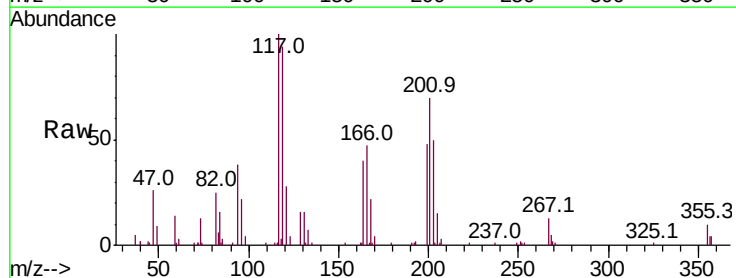
Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

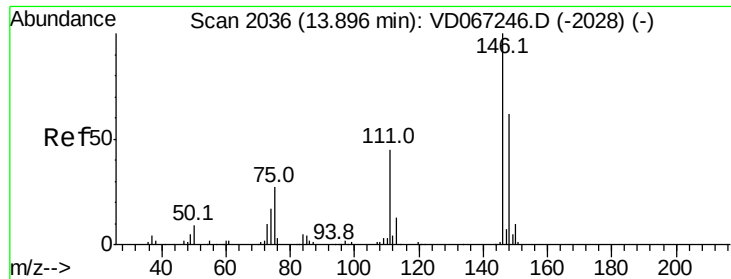
Tot Ion: 91 Resp: 241560
Ion Ratio Lower Upper
91 100
92 53.0 26.7 80.0
134 28.3 14.2 42.6



#90
Hexachloroethane
Concen: 21.132 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion: 117 Resp: 48270
Ion Ratio Lower Upper
117 100
201 77.3 40.8 122.2





#91

1,2-Dichlorobenzene

Concen: 21.160 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

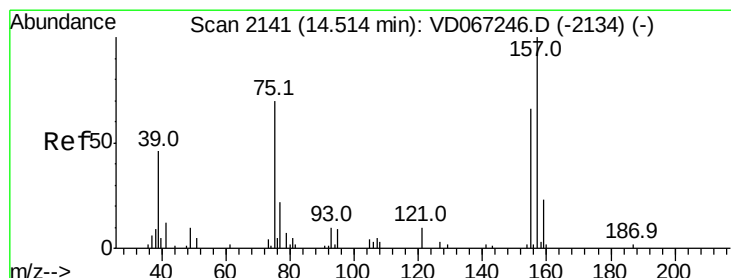
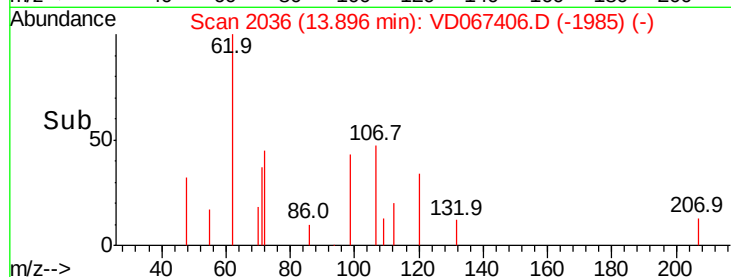
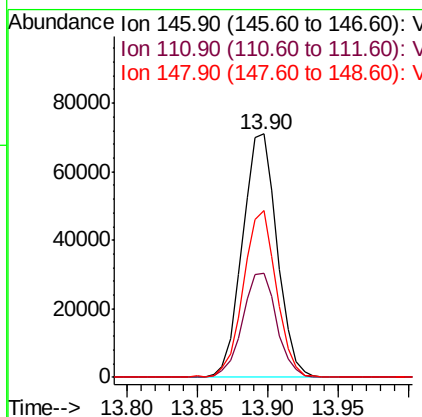
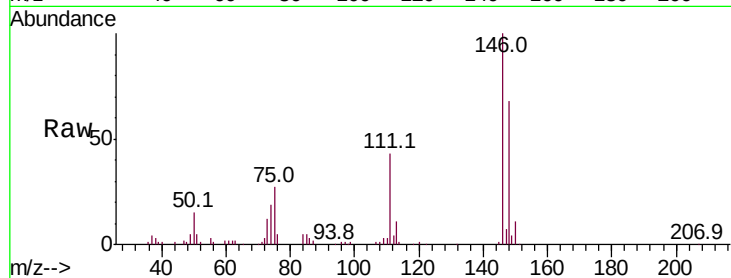
Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

Tot Ion:146 Resp: 122130

Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.0	66.0
148	65.1	32.5	97.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.172 ug/l

RT: 14.51 min Scan# 2140

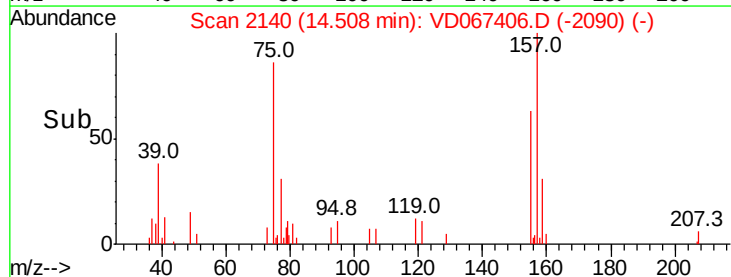
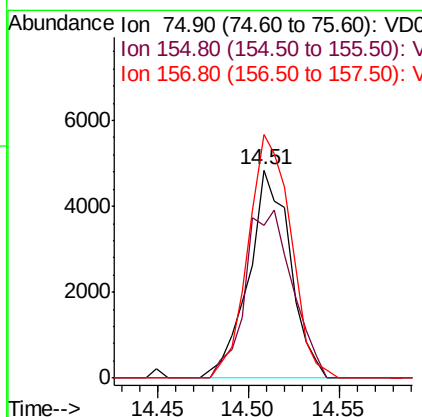
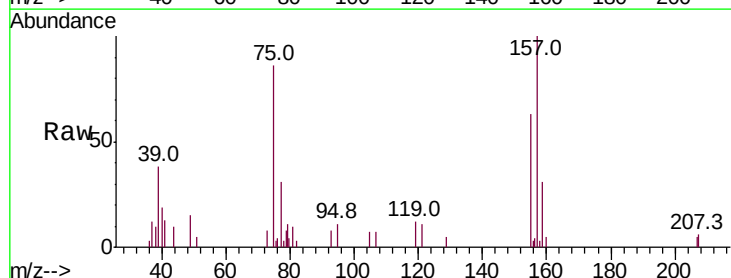
Delta R.T. -0.01 min

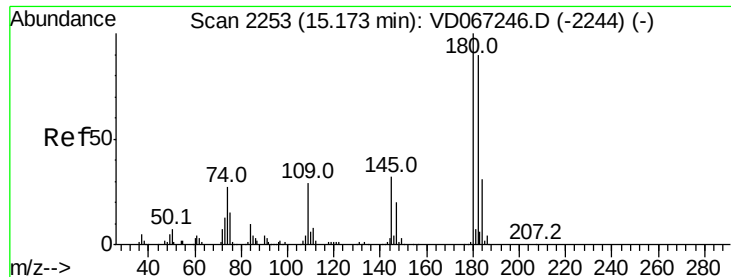
Lab File: VD067406.D

Acq: 27 Oct 2020 12:44

Tgt Ion: 75 Resp: 7731

Ion	Ratio	Lower	Upper
75	100		
155	91.6	44.8	134.4
157	120.0	62.5	187.4

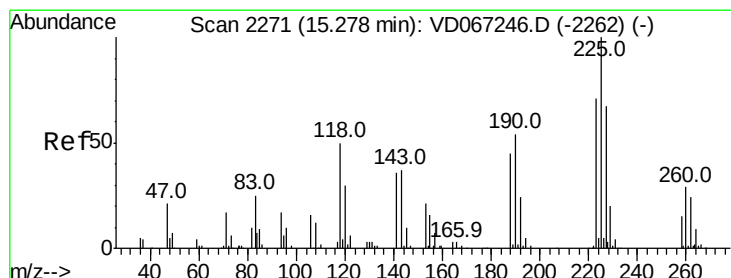
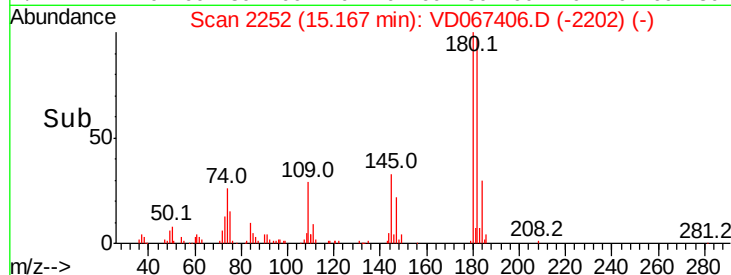
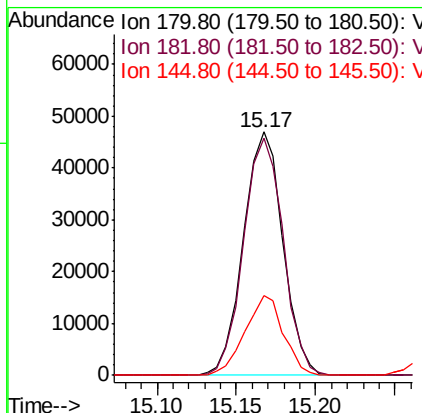
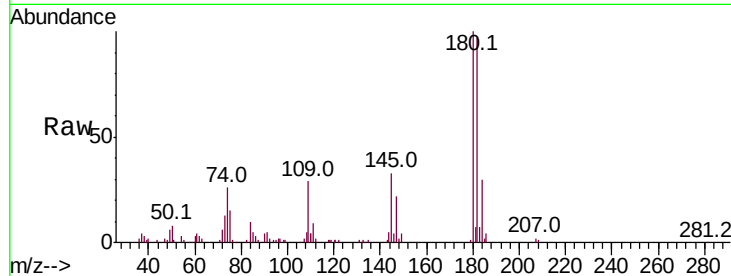




#93
 1,2,4-Trichlorobenzene
 Concen: 20.897 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

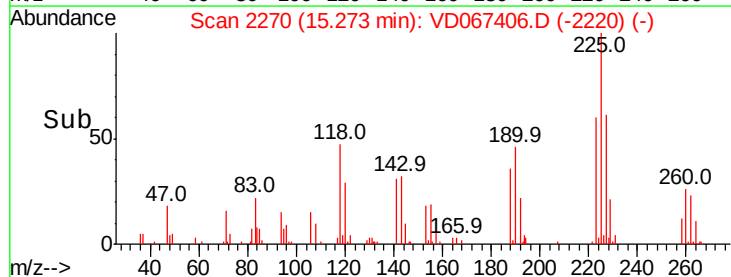
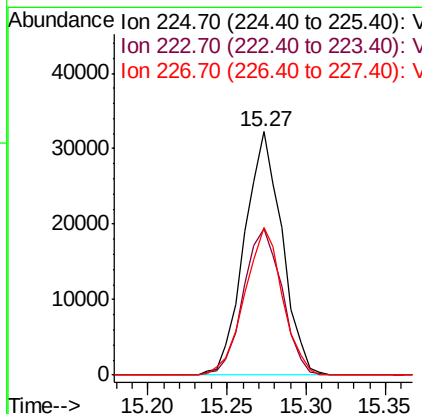
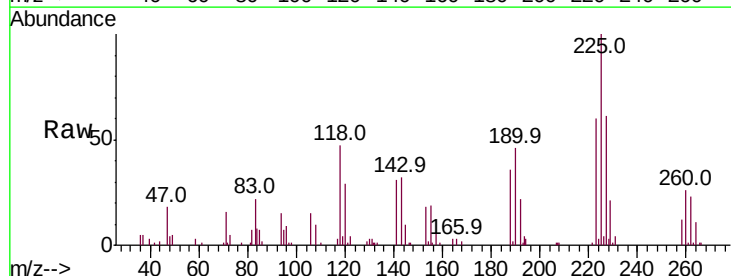
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1027SBSD01

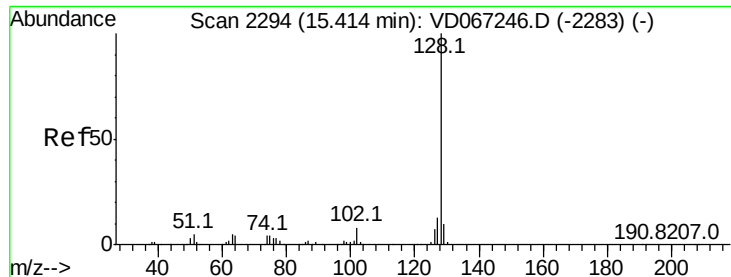
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.8	48.1	144.4
145	31.9	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 22.022 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067406.D
 Acq: 27 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.7
227	60.7	31.2	93.6

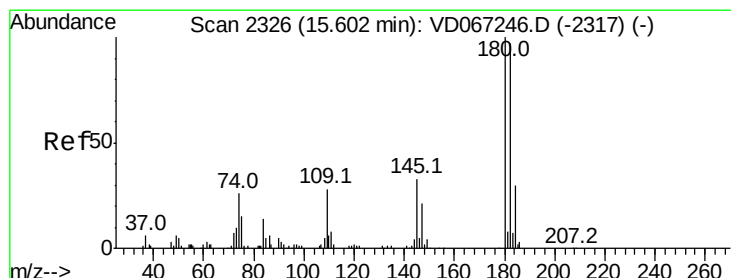
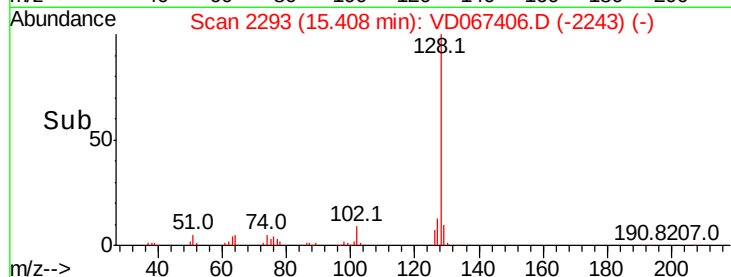
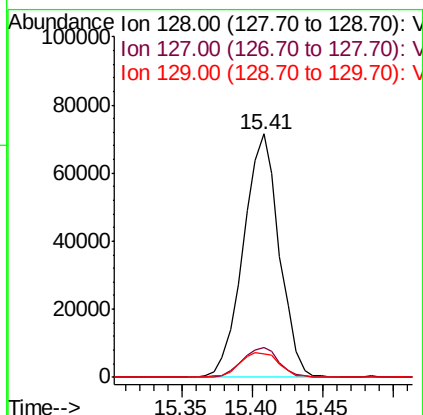
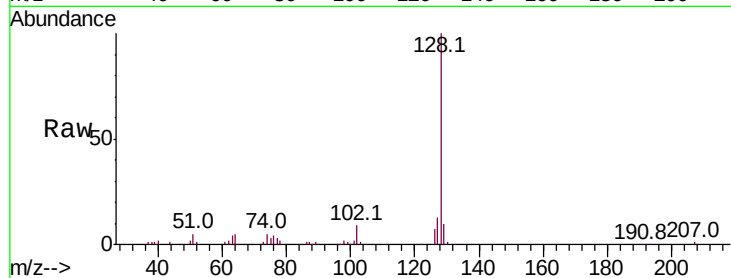




#95
Naphthalene
Concen: 19.885 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. -0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Instrument :
MSVOA_D
ClientSampleId :
VD1027SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	11.2	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 21.557 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD067406.D
Acq: 27 Oct 2020 12:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	48.1	144.3
145	34.1	17.3	51.9

