

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067485.D
 Acq On : 02 Nov 2020 12:21
 Operator : VA/SY
 Sample : VD1102SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Quant Time: Nov 02 15:02:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	285422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	416321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	140942	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.92	113	147700	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
50) Toluene-d8	10.34	98	517518	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.64	95	185160	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	47566	17.959	ug/l	92
3) Chloromethane	2.21	50	34587	19.255	ug/l	95
4) Vinyl Chloride	2.36	62	38012	19.286	ug/l	97
5) Bromomethane	2.76	94	29993	20.481	ug/l	91
6) Chloroethane	2.93	64	24234	19.743	ug/l	93
7) Trichlorofluoromethane	3.28	101	105855	21.329	ug/l	92
8) Diethyl Ether	3.71	74	22617	19.915	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	55890	21.196	ug/l	99
10) Methyl Iodide	4.30	142	51240	21.066	ug/l	100
11) Tert butyl alcohol	5.21	59	13944	58.947	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	47814	20.298	ug/l	90
13) Acrolein	3.93	56	6765	57.818	ug/l	92
14) Allyl chloride	4.71	41	54111	20.059	ug/l	99
15) Acrylonitrile	5.43	53	37134	97.995	ug/l	98
16) Acetone	4.17	43	40061	100.034	ug/l	93
17) Carbon Disulfide	4.41	76	121654	18.116	ug/l	98
18) Methyl Acetate	4.73	43	17773	19.457	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	93558	19.974	ug/l	97
20) Methylene Chloride	4.97	84	61445	21.384	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	57138	21.078	ug/l	99
22) Diisopropyl ether	6.37	45	103216	20.945	ug/l	94
23) Vinyl Acetate	6.31	43	273362	97.503	ug/l	95
24) 1,1-Dichloroethane	6.27	63	87364	20.710	ug/l	96
25) 2-Butanone	7.21	43	43734	95.803	ug/l	92
26) 2,2-Dichloropropane	7.21	77	96007	22.081	ug/l	100
27) cis-1,2-Dichloroethene	7.22	96	61367	20.655	ug/l	97
28) Bromochloromethane	7.55	49	27163	18.878	ug/l #	98
29) Tetrahydrofuran	7.56	42	22448	88.462	ug/l	90
30) Chloroform	7.71	83	109113	21.653	ug/l	97
31) Cyclohexane	7.99	56	65584	19.913	ug/l #	93
32) 1,1,1-Trichloroethane	7.91	97	107486	21.739	ug/l	98
36) 1,1-Dichloropropene	8.11	75	75438	21.379	ug/l	99
37) Ethyl Acetate	7.30	43	18733	18.044	ug/l #	71
38) Carbon Tetrachloride	8.10	117	105337	23.357	ug/l	97

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 Sample : VD1102SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Quant Time: Nov 02 15:02:40 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	76400	20.711	ug/l	97
40) Benzene	8.36	78	214286	22.136	ug/l	98
41) Methacrylonitrile	7.54	41	12885	22.967	ug/l #	76
42) 1,2-Dichloroethane	8.43	62	66485	21.946	ug/l	98
43) Isopropyl Acetate	8.46	43	40477	19.649	ug/l	96
44) Trichloroethene	9.11	130	67403	21.747	ug/l	92
45) 1,2-Dichloropropane	9.40	63	45650	20.348	ug/l	95
46) Dibromomethane	9.48	93	28861	20.647	ug/l	96
47) Bromodichloromethane	9.67	83	80160	21.404	ug/l	98
48) Methyl methacrylate	9.46	41	19412	19.391	ug/l	98
49) 1,4-Dioxane	9.47	88	5821	412.481	ug/l #	92
51) 4-Methyl-2-Pentanone	10.23	43	100607	97.917	ug/l	96
52) Toluene	10.41	92	146219	22.177	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	70465	21.419	ug/l #	88
54) cis-1,3-Dichloropropene	10.10	75	82465	21.419	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	40010	20.991	ug/l	95
56) Ethyl methacrylate	10.67	69	40065	20.267	ug/l	98
57) 1,3-Dichloropropane	10.96	76	63423	20.908	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	103088	101.653	ug/l	97
59) 2-Hexanone	10.99	43	65904	93.867	ug/l	93
60) Dibromochloromethane	11.15	129	60121	21.628	ug/l	99
61) 1,2-Dibromoethane	11.25	107	38981	20.744	ug/l	99
64) Tetrachloroethene	10.88	164	60489	21.766	ug/l	92
65) Chlorobenzene	11.68	112	163204	22.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	65813	22.513	ug/l	98
67) Ethyl Benzene	11.75	91	277914	22.042	ug/l	97
68) m/p-Xylenes	11.86	106	221324	45.585	ug/l	96
69) o-Xylene	12.18	106	98028	21.804	ug/l	98
70) Styrene	12.20	104	174788	22.584	ug/l	99
71) Bromoform	12.37	173	33126	21.093	ug/l #	99
73) Isopropylbenzene	12.48	105	283711	23.047	ug/l	100
74) N-amyl acetate	12.30	43	36940	19.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	39786	21.093	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	55254	41.101	ug/l #	100
77) Bromobenzene	12.77	156	69400	22.613	ug/l	98
78) n-propylbenzene	12.83	91	323227	22.662	ug/l	100
79) 2-Chlorotoluene	12.91	91	183665	22.205	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	243930	22.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12772	21.544	ug/l	93
82) 4-Chlorotoluene	13.01	91	202232	23.036	ug/l	99
83) tert-Butylbenzene	13.23	119	207114	22.920	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	243644	23.044	ug/l	100
85) sec-Butylbenzene	13.41	105	284074	22.911	ug/l	100
86) p-Isopropyltoluene	13.52	119	270110	23.080	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	134465	22.763	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	133118	22.745	ug/l	99
89) n-Butylbenzene	13.85	91	231913	22.525	ug/l	99
90) Hexachloroethane	14.12	117	45991	22.520	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	116154	22.508	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6745	19.684	ug/l	97

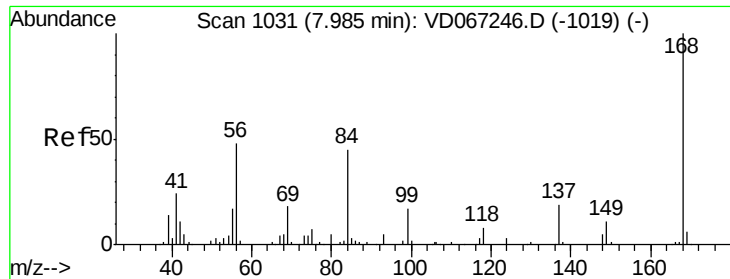
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110220\
Data File : VD067485.D
Acq On : 02 Nov 2020 12:21
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Sample : VD1102SBS01
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Quant Time: Nov 02 15:02:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	77264	22.207	ug/l	99
94) Hexachlorobutadiene	15.27	225	50358	23.307	ug/l	97
95) Naphthalene	15.41	128	116201	20.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	63997	21.291	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

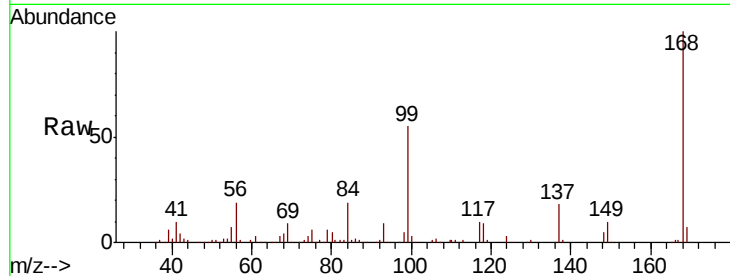
VD1102SBS01

Tot Ion:168 Resp: 285422

Ion Ratio Lower Upper

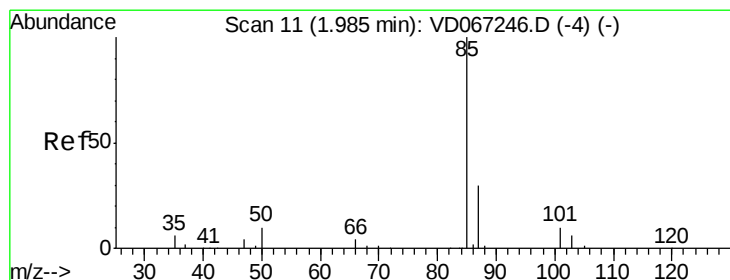
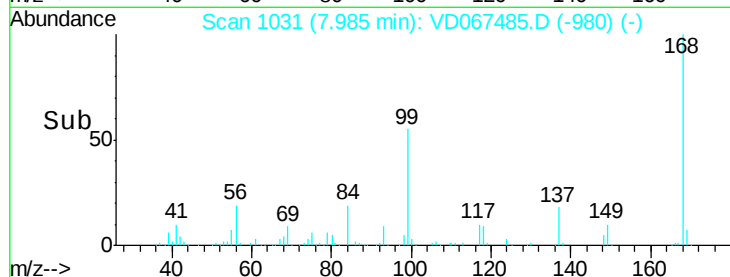
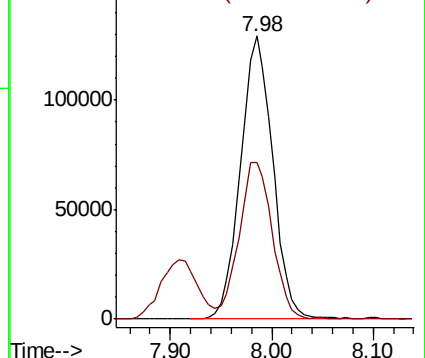
168 100

99 54.9 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 17.959 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067485.D

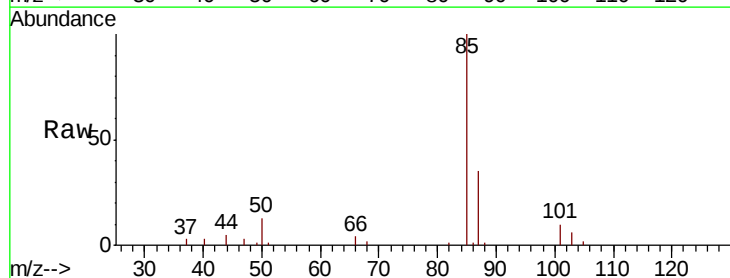
Acq: 02 Nov 2020 12:21

Tgt Ion: 85 Resp: 47566

Ion Ratio Lower Upper

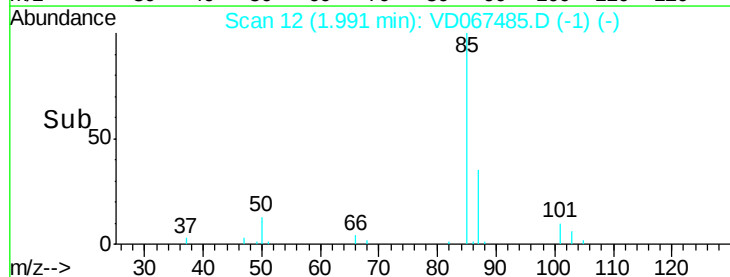
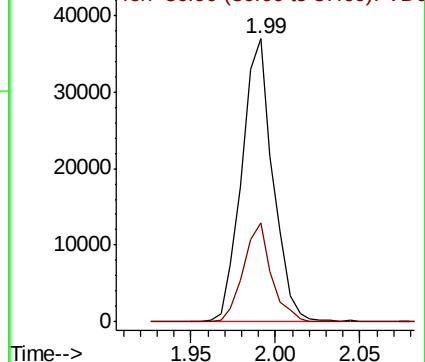
85 100

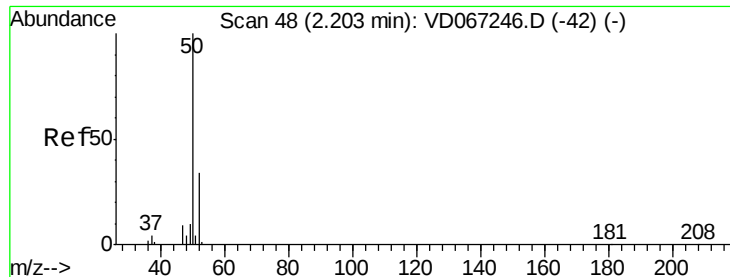
87 35.0 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.255 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

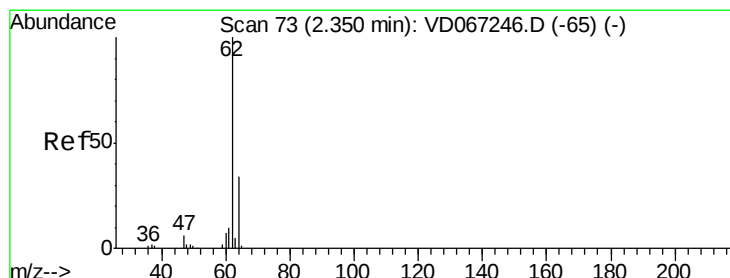
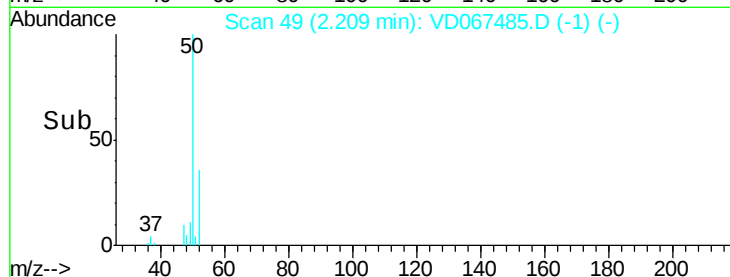
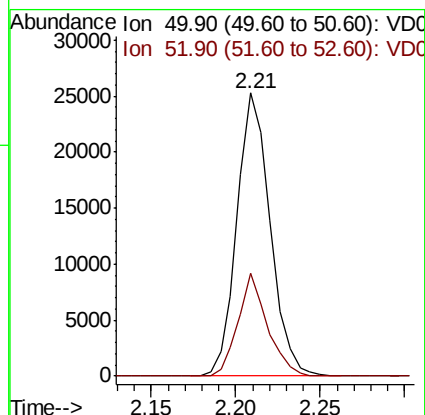
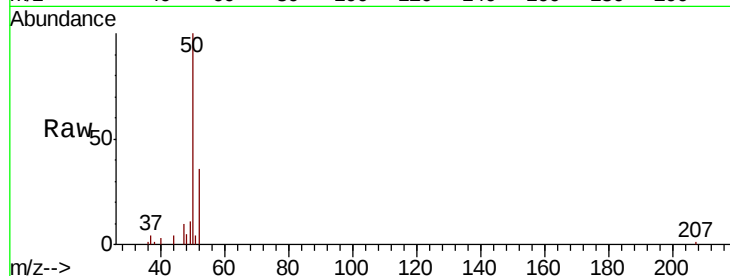
VD1102SBS01

Tot Ion: 50 Resp: 34587

Ion Ratio Lower Upper

50 100

52 36.5 27.1 40.7



#4

Vinyl Chloride

Concen: 19.286 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD067485.D

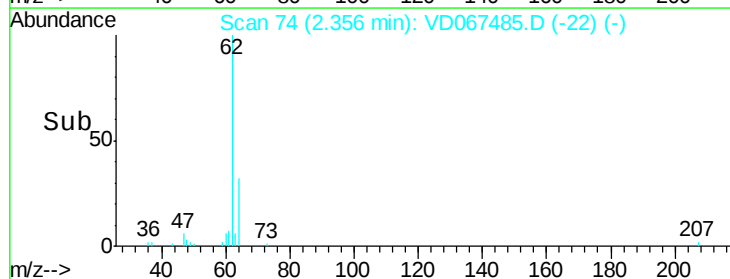
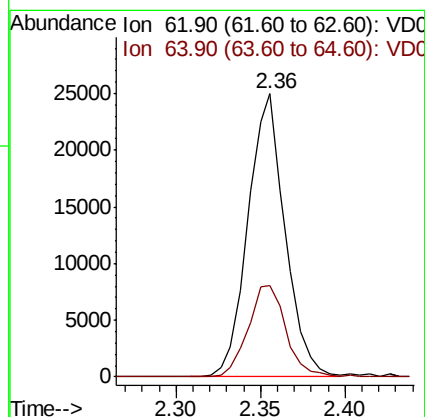
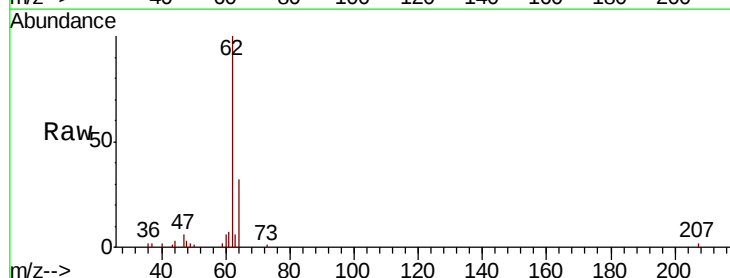
Acq: 02 Nov 2020 12:21

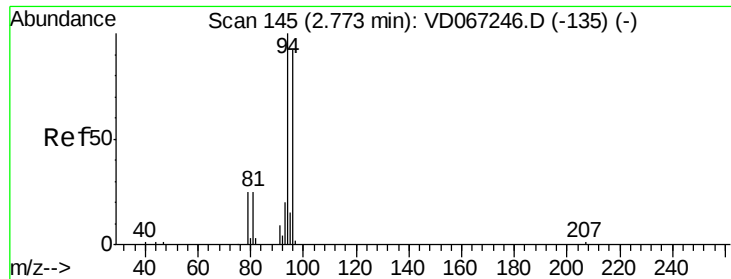
Tgt Ion: 62 Resp: 38012

Ion Ratio Lower Upper

62 100

64 32.5 27.4 41.0





#5

Bromomethane

Concen: 20.481 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

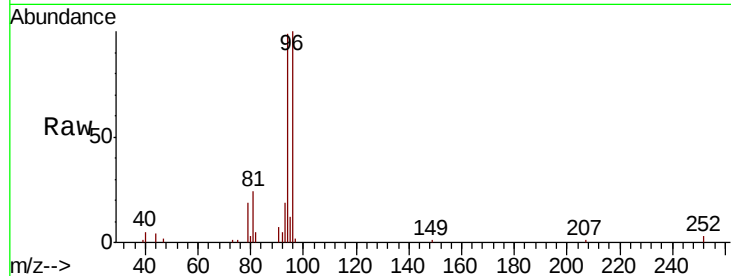
VD1102SBS01

Tot Ion: 94 Resp: 29993

Ion Ratio Lower Upper

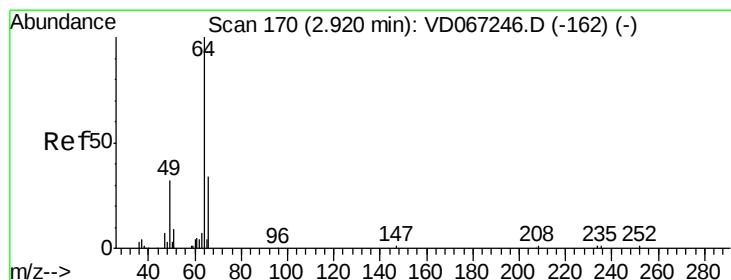
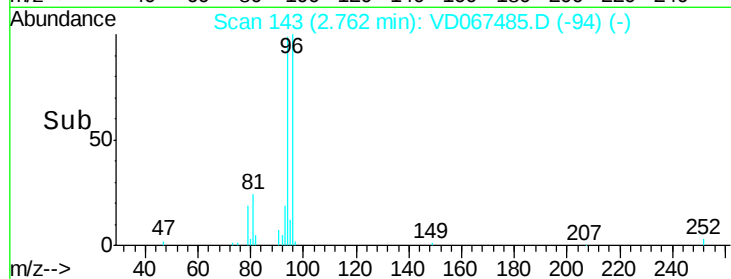
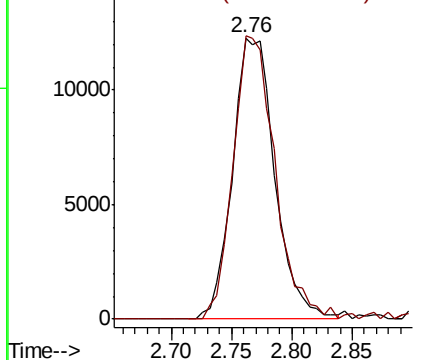
94 100

96 100.6 73.8 110.6



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.743 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067485.D

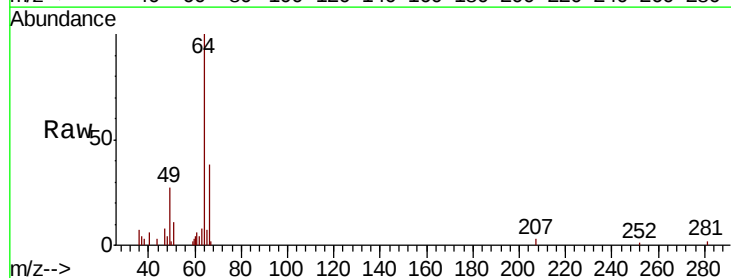
Acq: 02 Nov 2020 12:21

Tgt Ion: 64 Resp: 24234

Ion Ratio Lower Upper

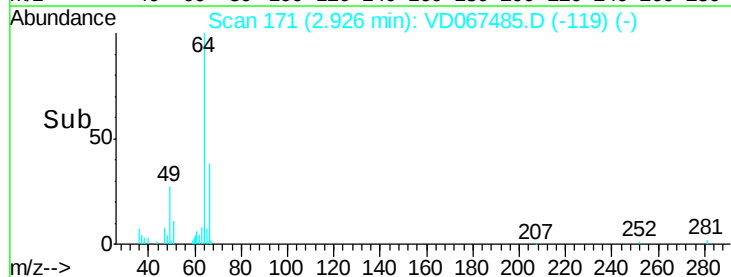
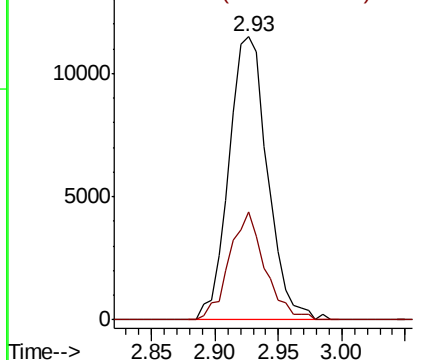
64 100

66 38.0 27.4 41.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



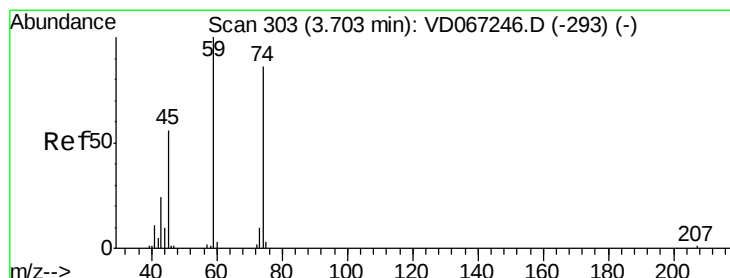
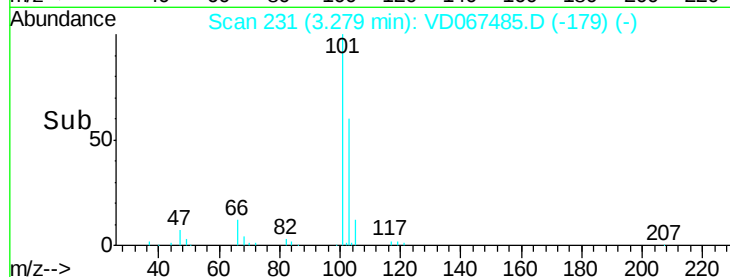
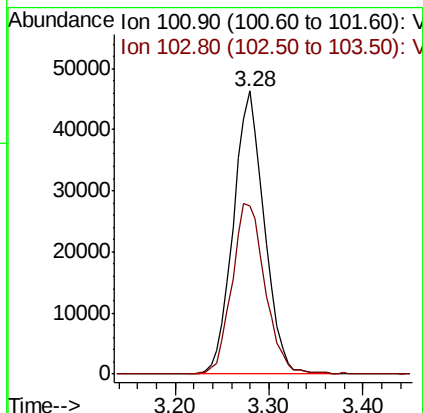
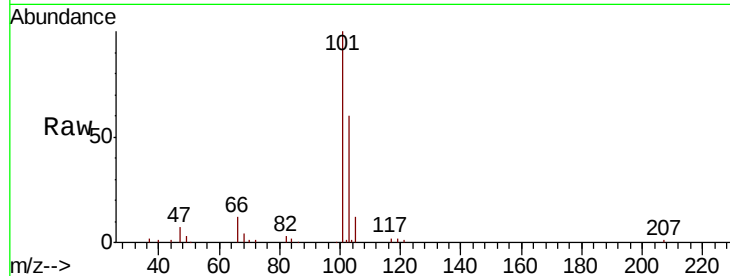


#7

Trichlorofluoromethane
Concen: 21.329 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

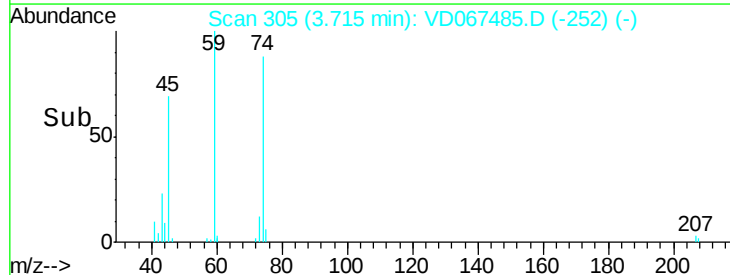
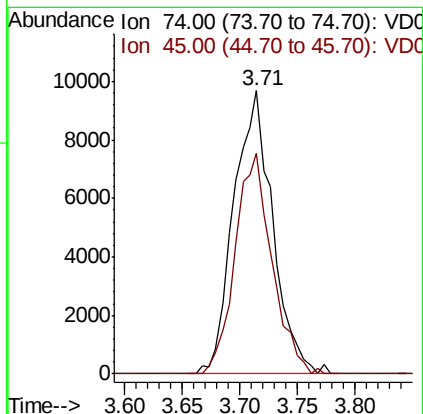
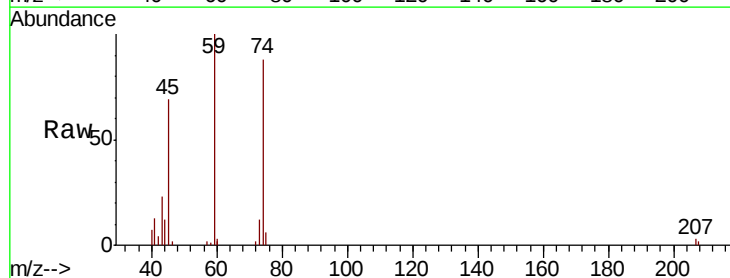
Tot Ion:101 Resp: 105855
Ion Ratio Lower Upper
101 100
103 59.6 53.1 79.7

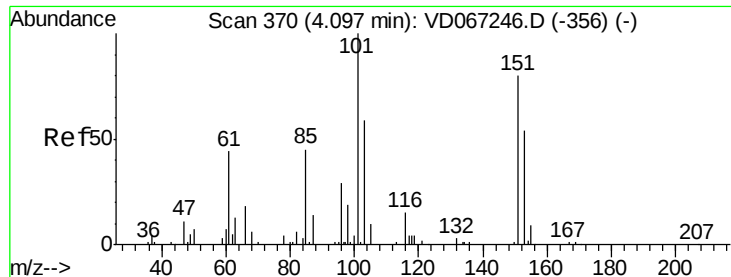


#8

Diethyl Ether
Concen: 19.915 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 74 Resp: 22617
Ion Ratio Lower Upper
74 100
45 73.6 37.0 111.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.196 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

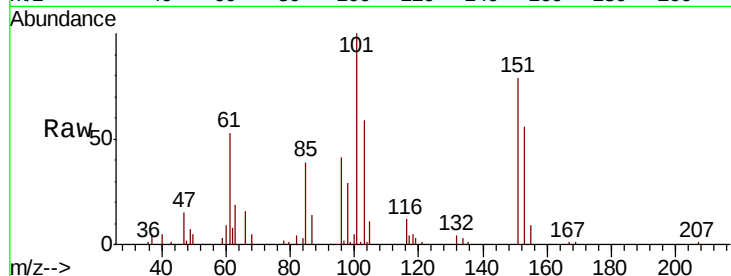
Tot Ion:101 Resp: 55890

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

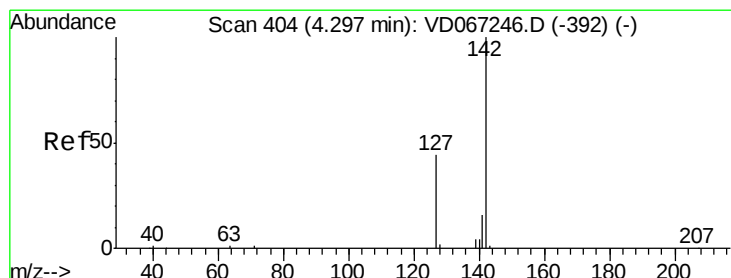
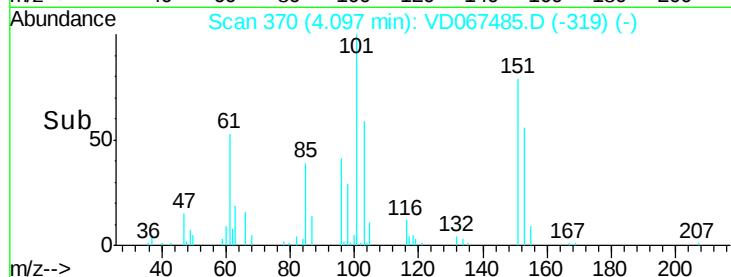
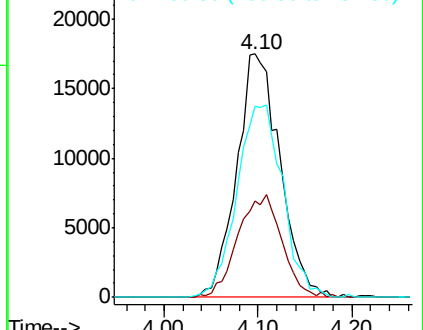
151 83.7 66.3 99.5



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: 21.066 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

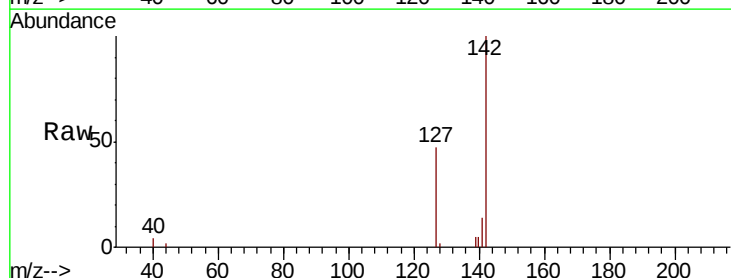
Tgt Ion:142 Resp: 51240

Ion Ratio Lower Upper

142 100

127 48.1 38.4 57.6

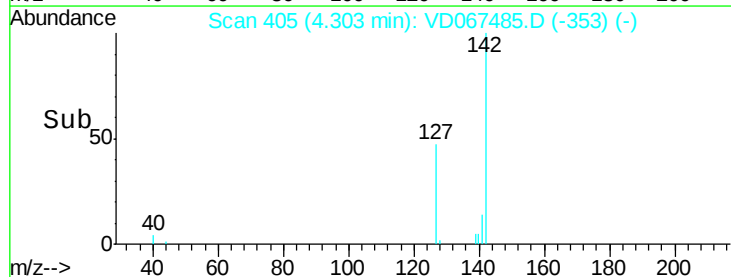
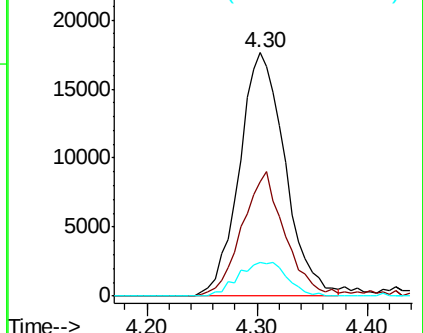
141 14.9 11.6 17.4

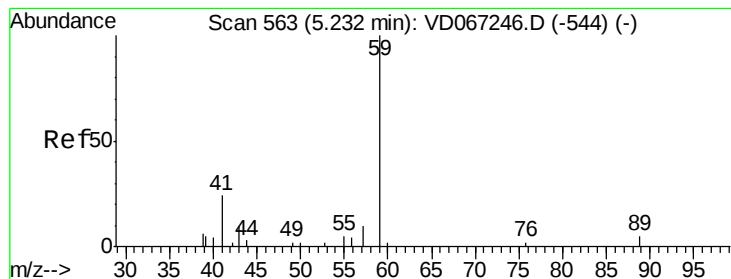


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 58.947 ug/l

RT: 5.21 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

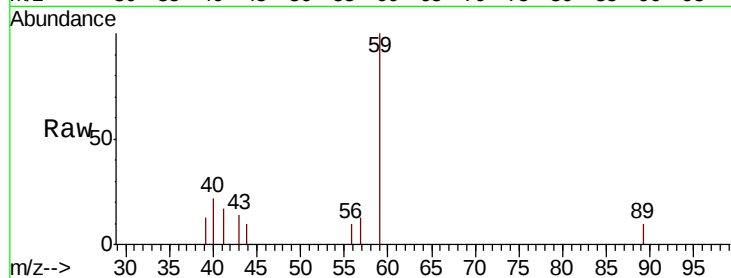
VD1102SBS01

Tot Ion: 59 Resp: 13944

Ion Ratio Lower Upper

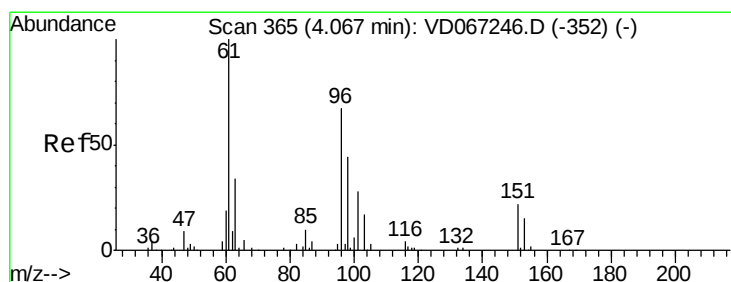
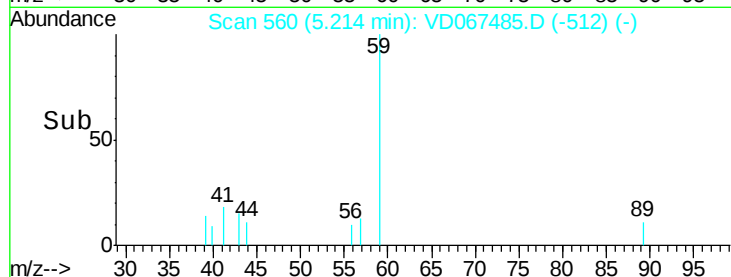
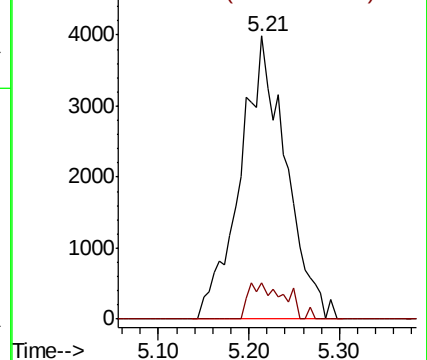
59 100

57 9.7 5.1 7.7#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.298 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

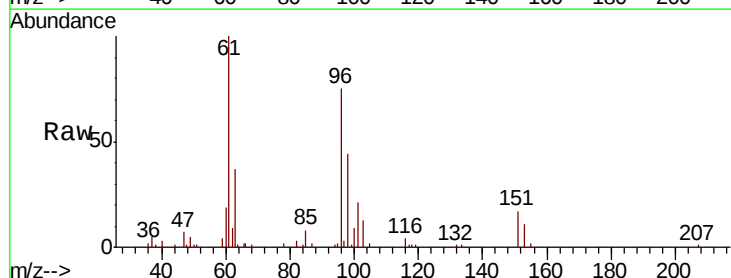
Tgt Ion: 96 Resp: 47814

Ion Ratio Lower Upper

96 100

61 133.9 118.6 177.8

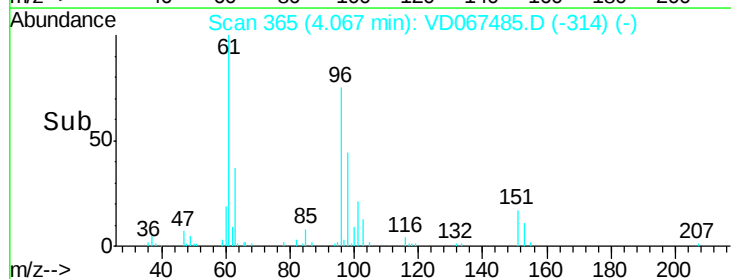
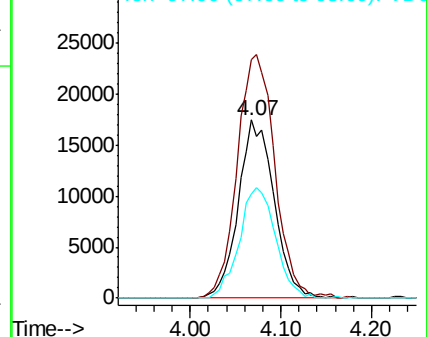
98 58.7 51.8 77.6

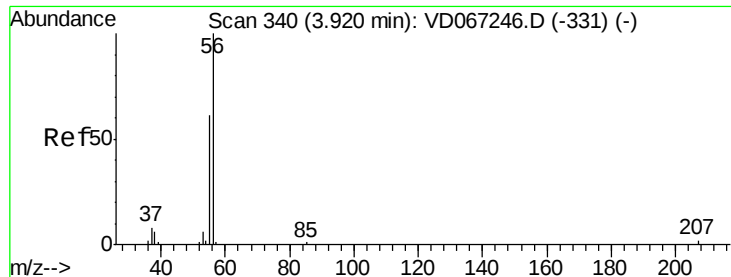


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 57.818 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

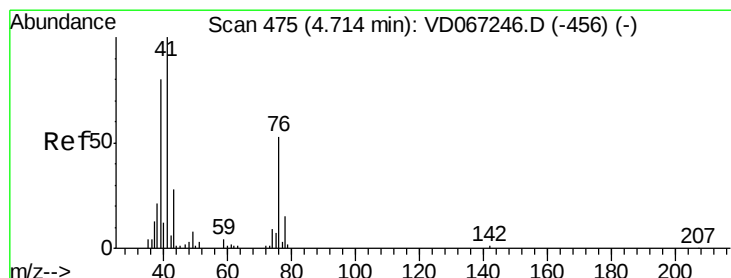
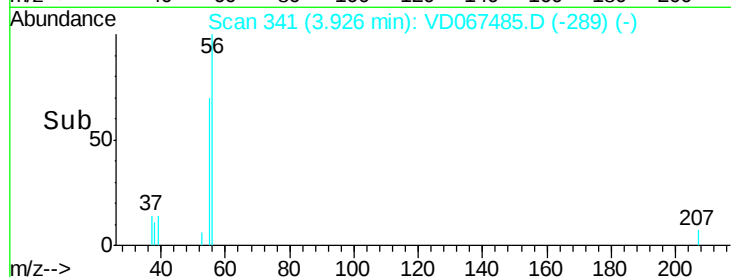
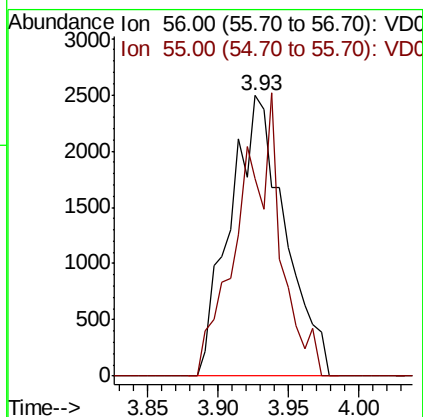
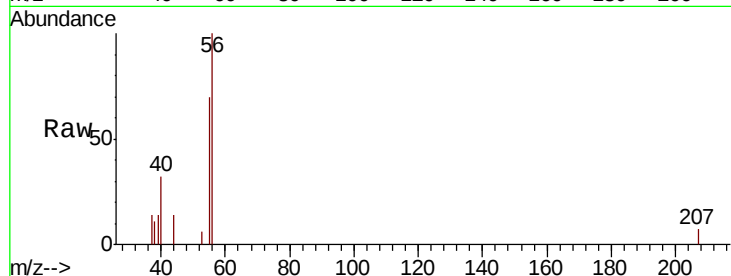
VD1102SBS01

Tot Ion: 56 Resp: 6765

Ion Ratio Lower Upper

56 100

55 76.3 56.0 84.0



#14

Allyl chloride

Concen: 20.059 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

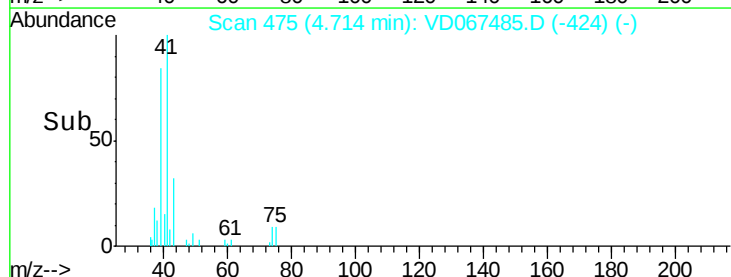
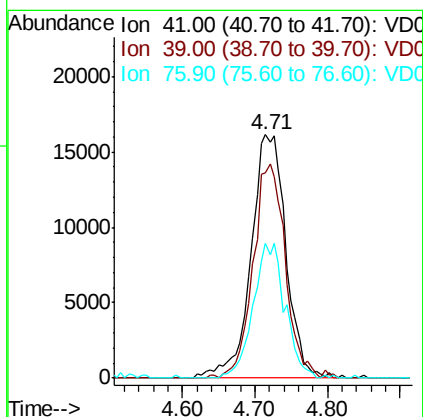
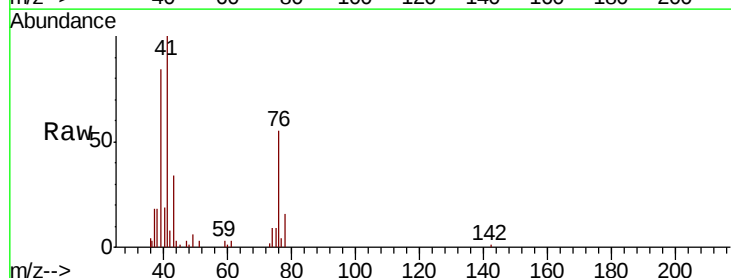
Tgt Ion: 41 Resp: 54111

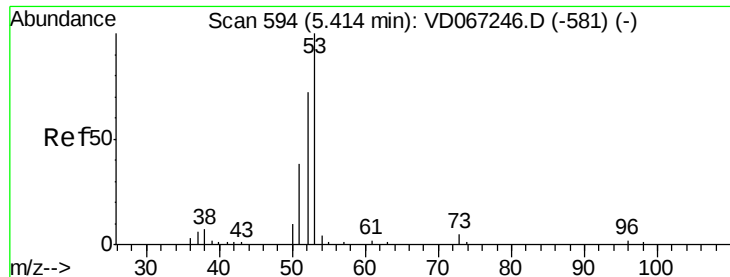
Ion Ratio Lower Upper

41 100

39 81.3 63.8 95.6

76 50.8 40.4 60.6





#15

Acrylonitrile

Concen: 97.995 ug/l

RT: 5.43 min Scan# 597

Delta R.T. 0.02 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

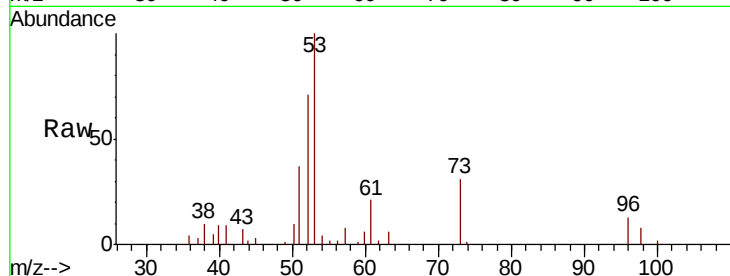
Tot Ion: 53 Resp: 37134

Ion Ratio Lower Upper

53 100

52 79.3 65.6 98.4

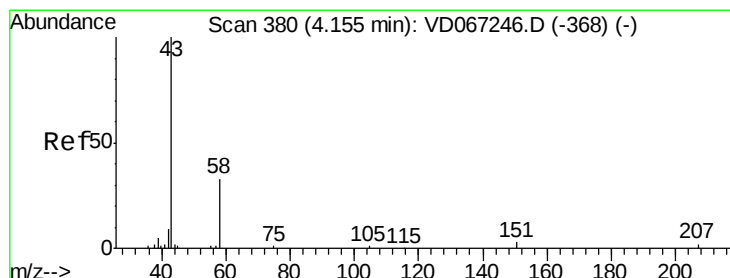
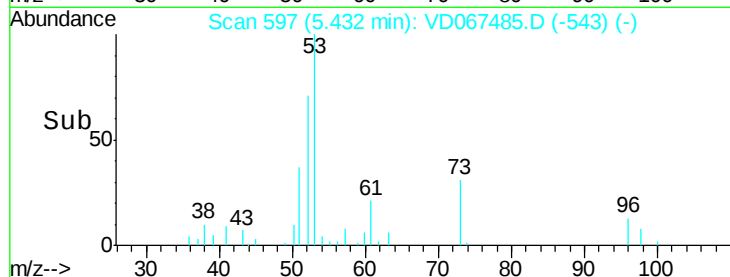
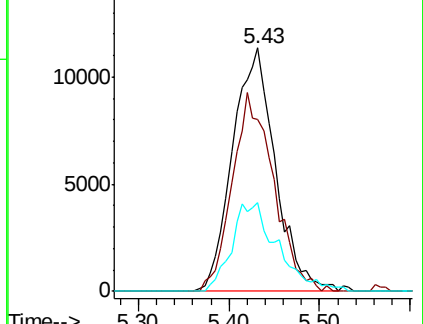
51 39.1 30.8 46.2



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 100.034 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067485.D

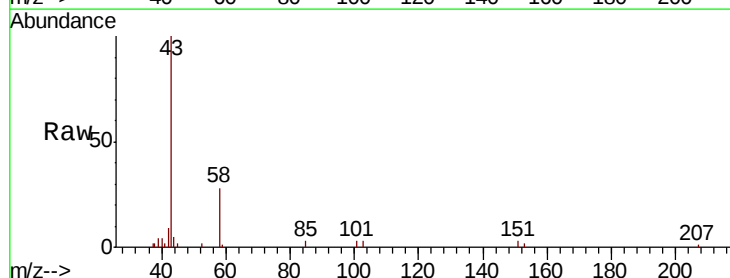
Acq: 02 Nov 2020 12:21

Tgt Ion: 43 Resp: 40061

Ion Ratio Lower Upper

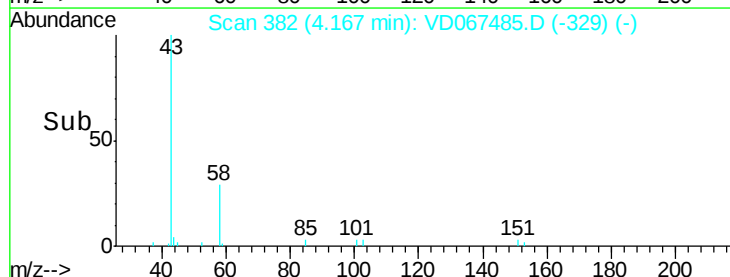
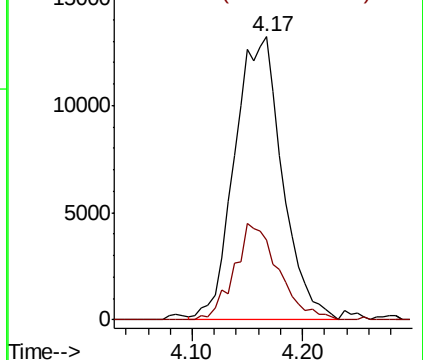
43 100

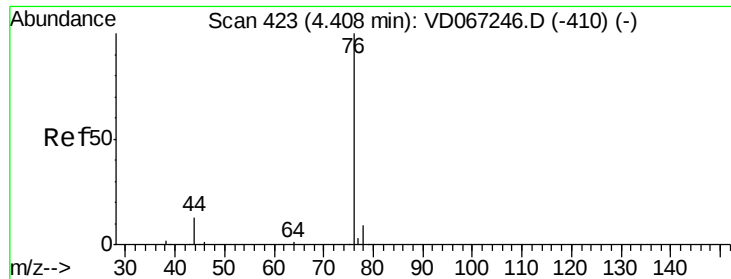
58 28.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

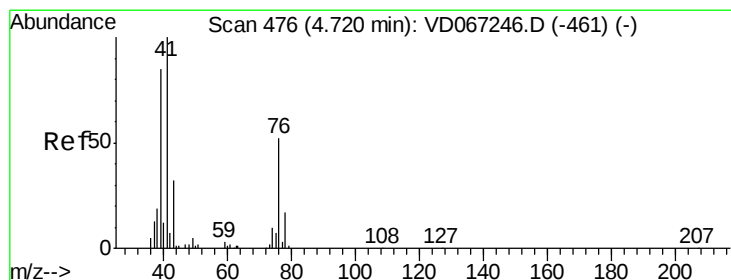
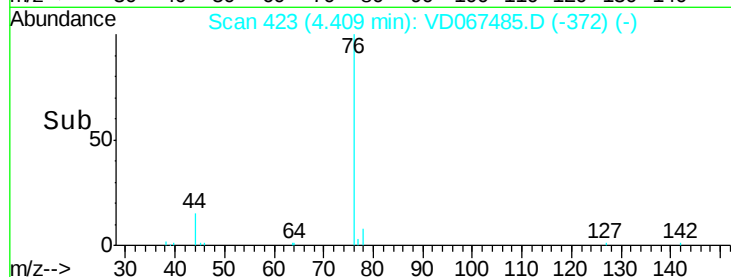
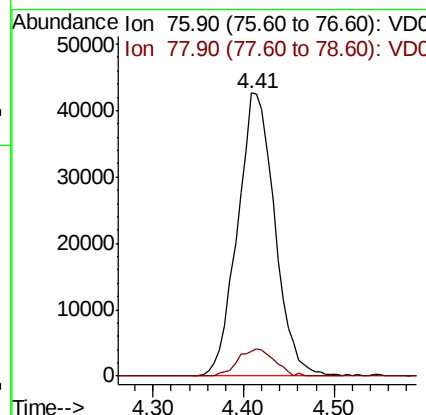
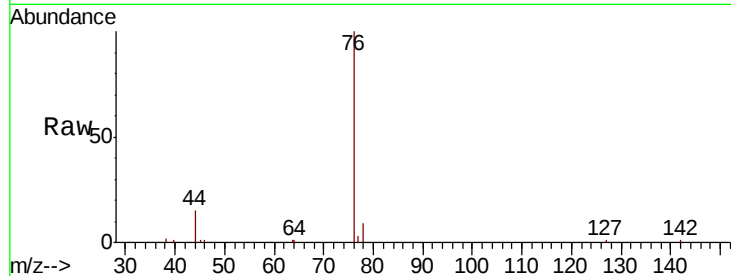




#17
Carbon Disulfide
Concen: 18.116 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

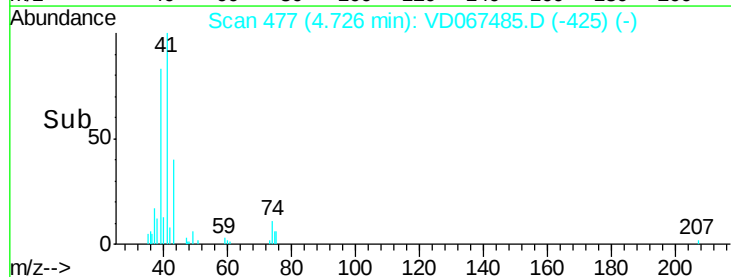
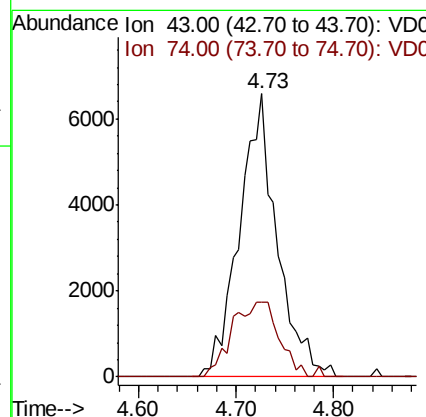
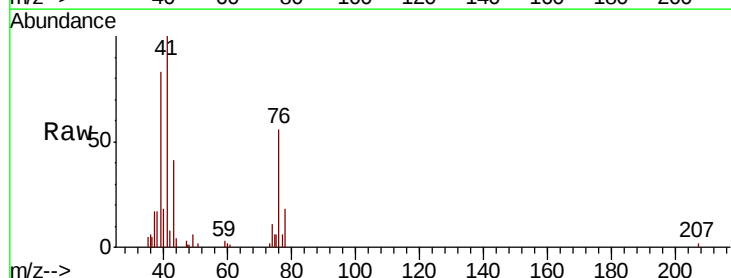
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

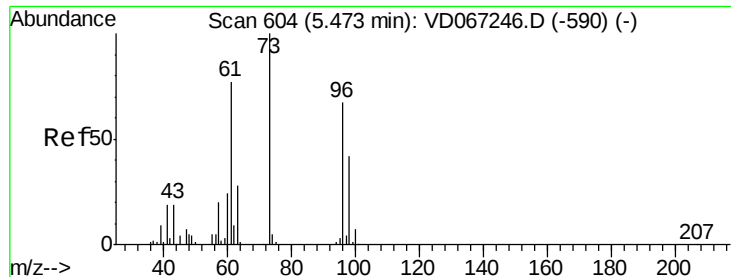
Tot Ion: 76 Resp: 121654
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 19.457 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 43 Resp: 17773
Ion Ratio Lower Upper
43 100
74 32.9 26.6 39.8

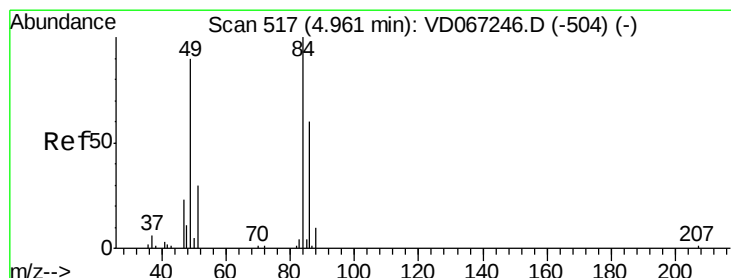
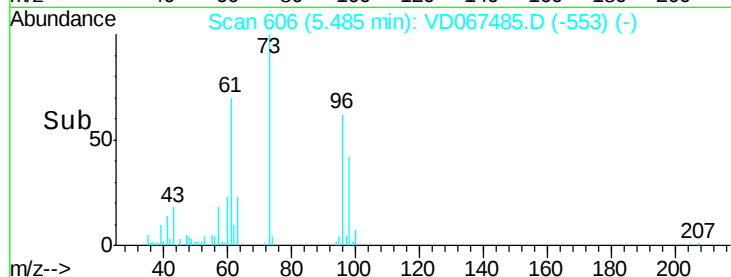
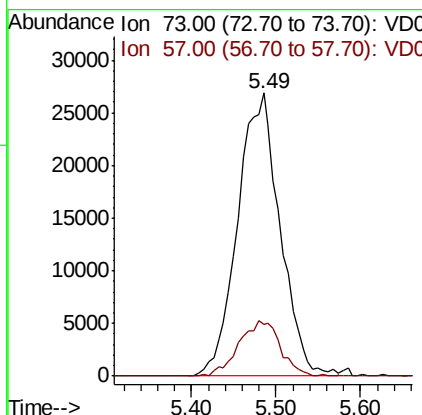
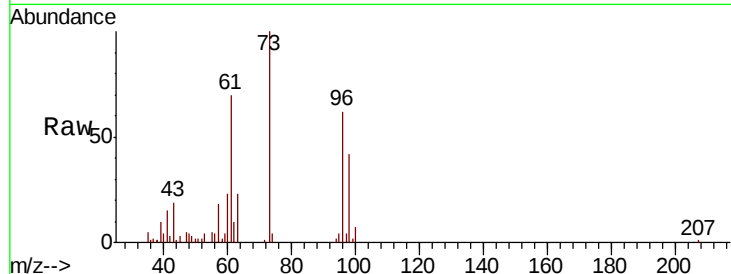




#19
Methvl tert-butvl Ether
Concen: 19.974 ug/l
RT: 5.49 min Scan# 606
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

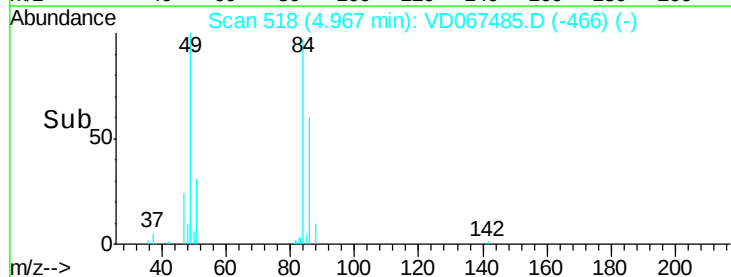
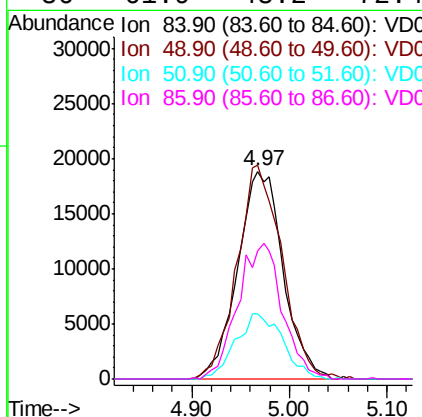
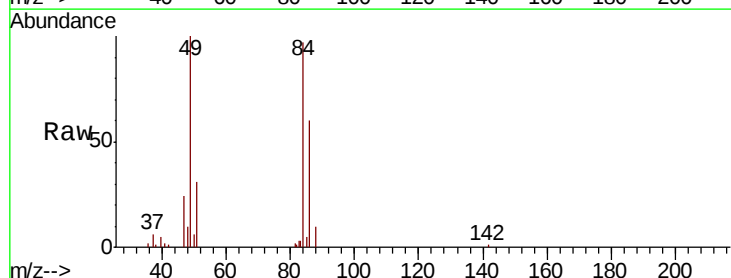
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

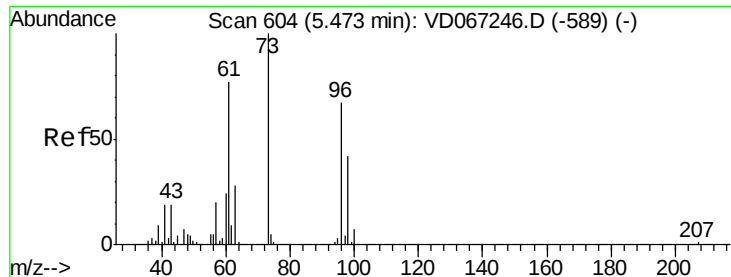
Tot Ion: 73 Resp: 93558
Ion Ratio Lower Upper
73 100
57 18.4 15.7 23.5



#20
Methylene Chloride
Concen: 21.384 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 84 Resp: 61445
Ion Ratio Lower Upper
84 100
49 102.8 72.2 108.2
51 31.5 23.8 35.8
86 61.9 48.2 72.4





#21

trans-1,2-Dichloroethene

Concen: 21.078 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

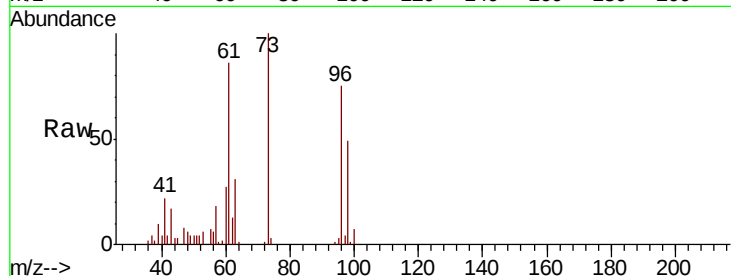
Tot Ion: 96 Resp: 57138

Ion Ratio Lower Upper

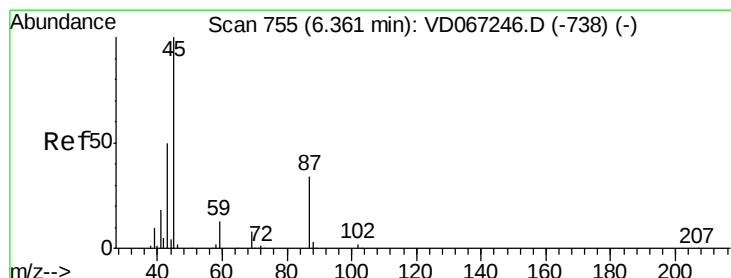
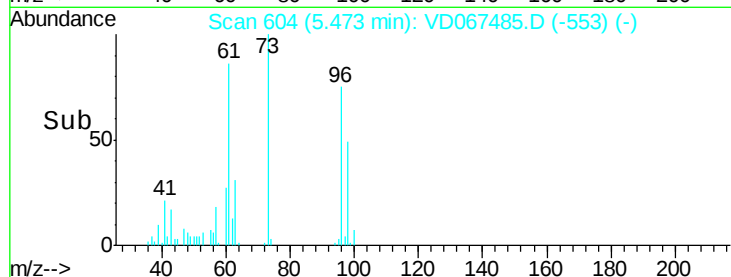
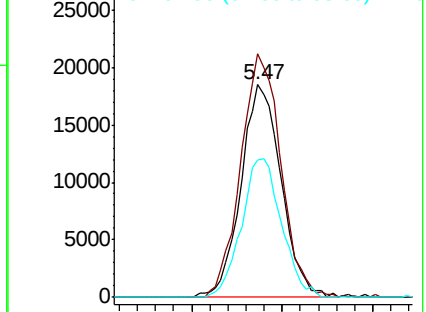
96 100

61 114.4 92.0 138.0

98 64.7 49.8 74.8



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



#22

Diisopropyl ether

Concen: 20.945 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Tgt Ion: 45 Resp: 103216

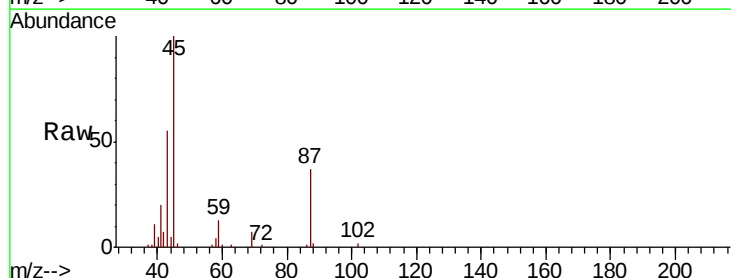
Ion Ratio Lower Upper

45 100

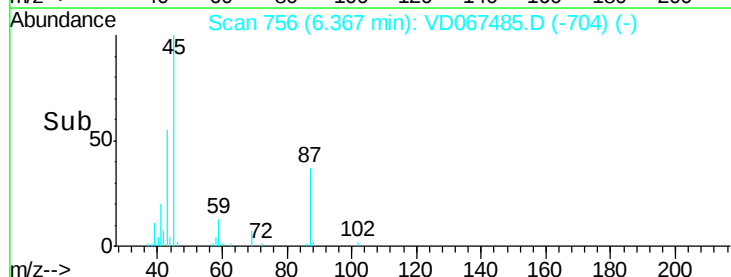
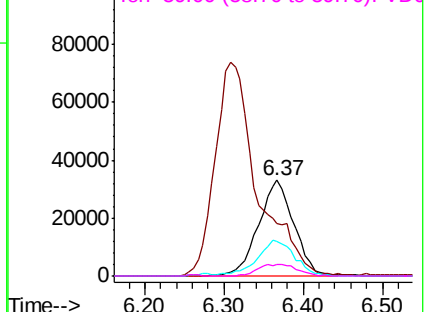
43 52.7 48.0 72.0

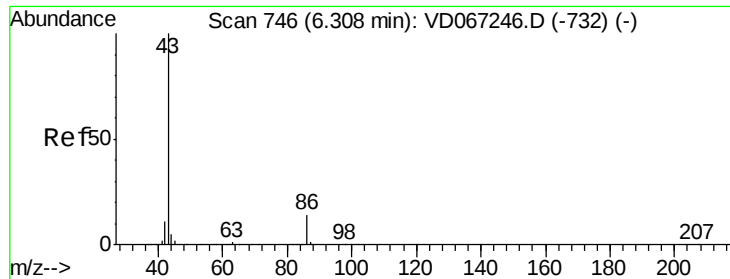
87 36.0 28.5 42.7

59 12.7 10.5 15.7



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

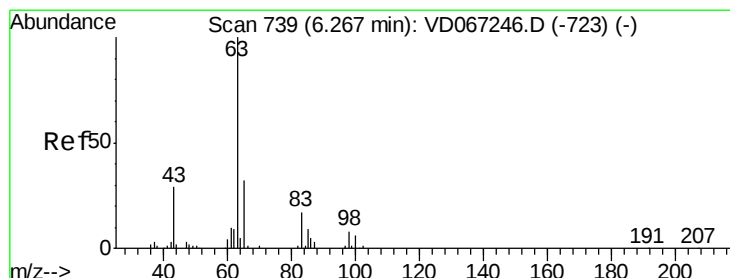
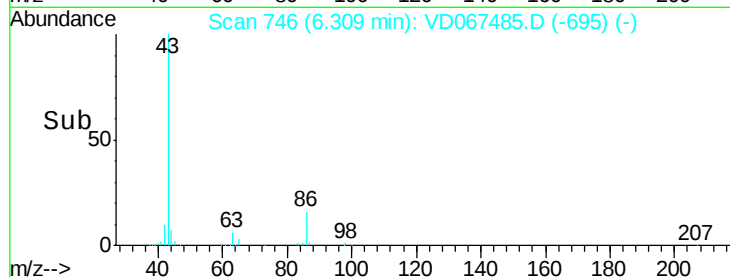
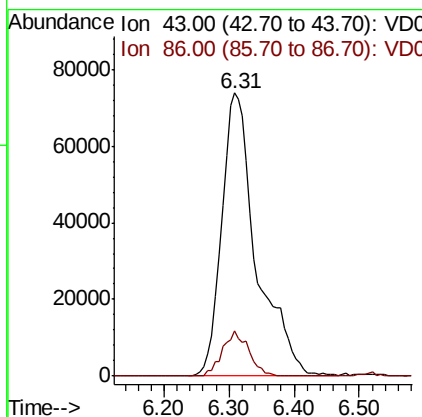
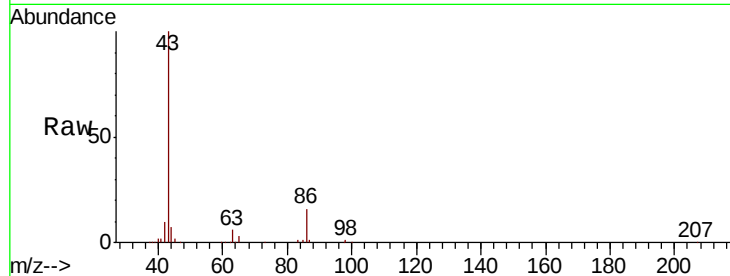




#23
 Vinyl Acetate
 Concen: 97.503 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

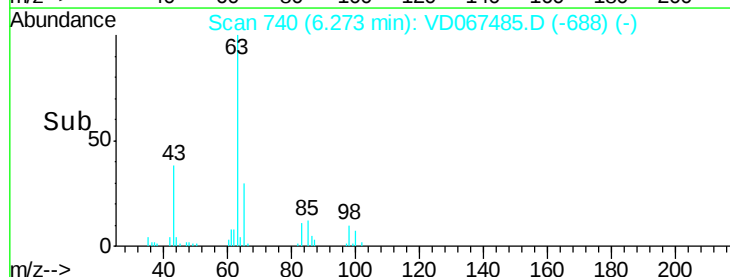
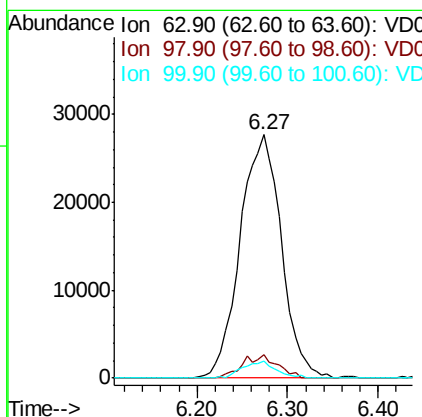
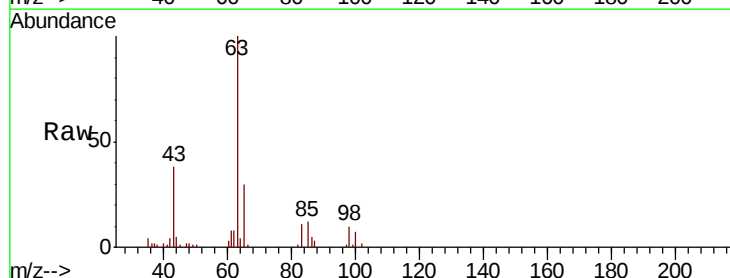
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

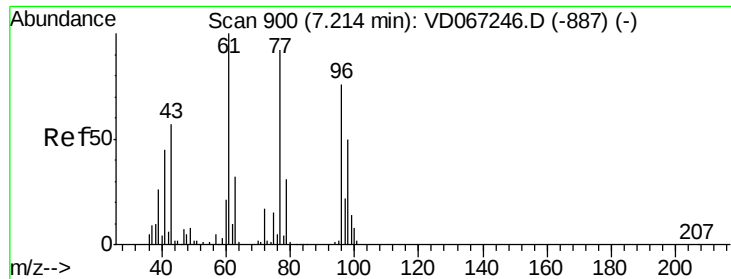
Tot Ion: 43 Resp: 273362
 Ion Ratio Lower Upper
 43 100
 86 15.9 11.0 16.6



#24
 1,1-Dichloroethane
 Concen: 20.710 ug/l
 RT: 6.27 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 63 Resp: 87364
 Ion Ratio Lower Upper
 63 100
 98 9.8 4.0 12.2
 100 6.8 2.8 8.4





#25

2-Butanone

Concen: 95.803 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

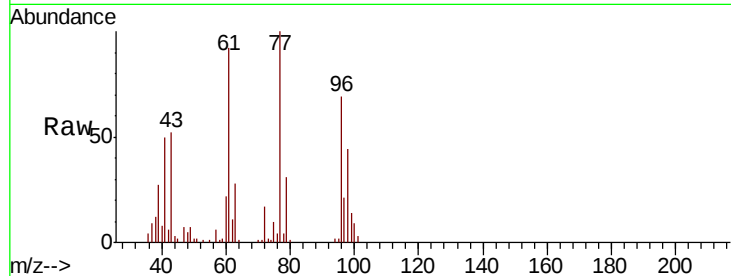
VD1102SBS01

Tot Ion: 43 Resp: 43734

Ion Ratio Lower Upper

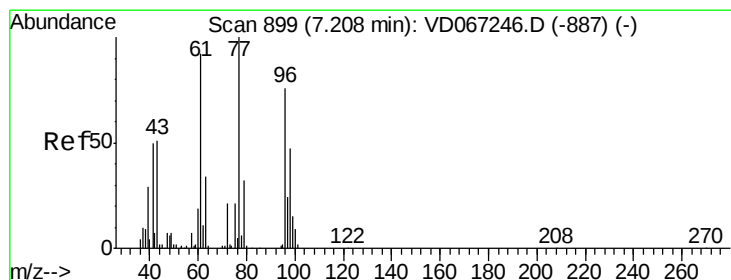
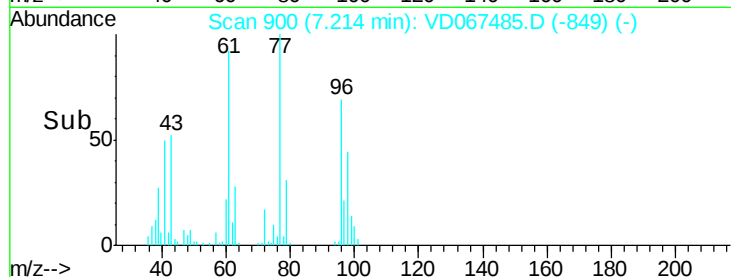
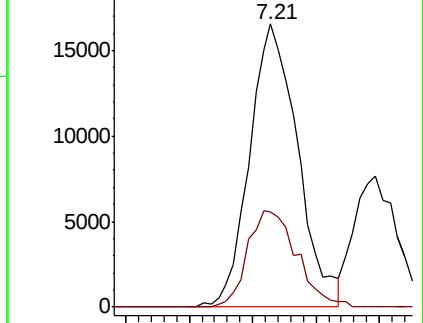
43 100

72 33.9 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: 22.081 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067485.D

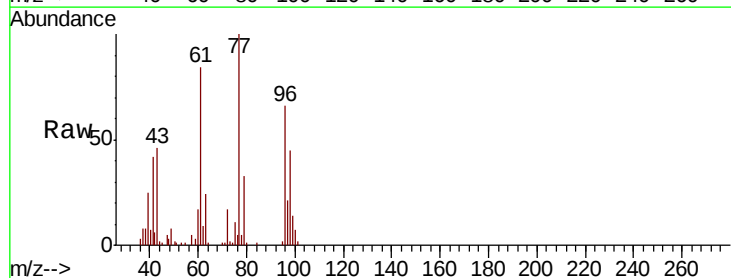
Acq: 02 Nov 2020 12:21

Tgt Ion: 77 Resp: 96007

Ion Ratio Lower Upper

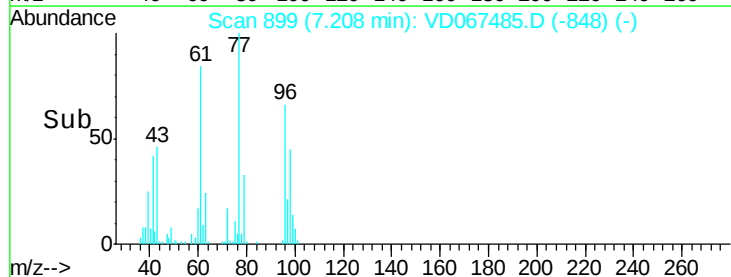
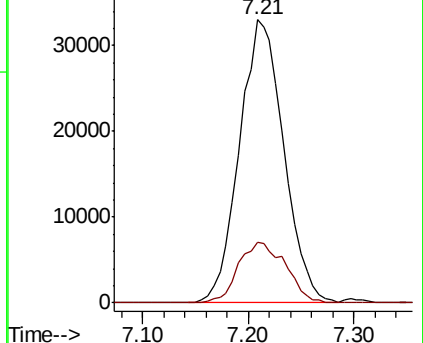
77 100

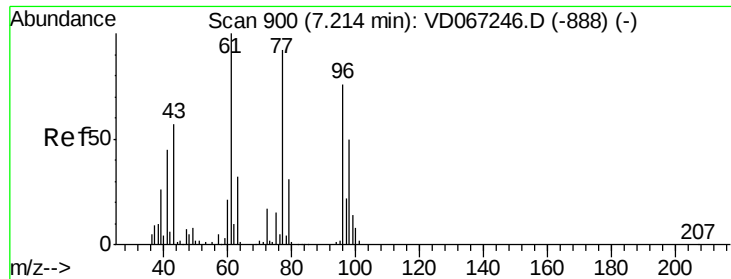
97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



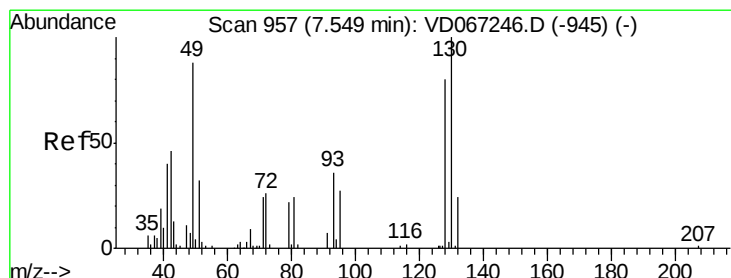
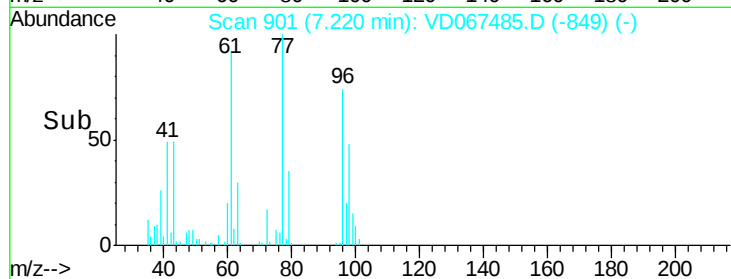
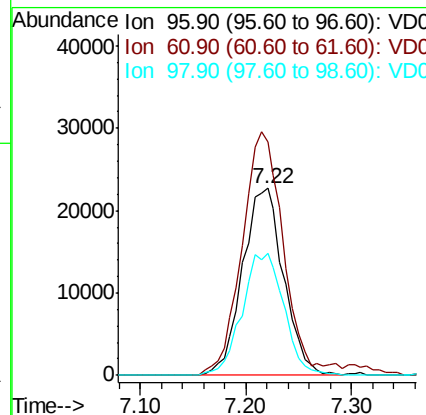
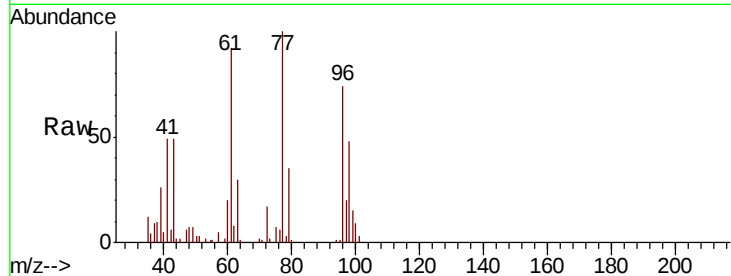


#27

cis-1,2-Dichloroethene
Concen: 20.655 ug/l
RT: 7.22 min Scan# 901
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

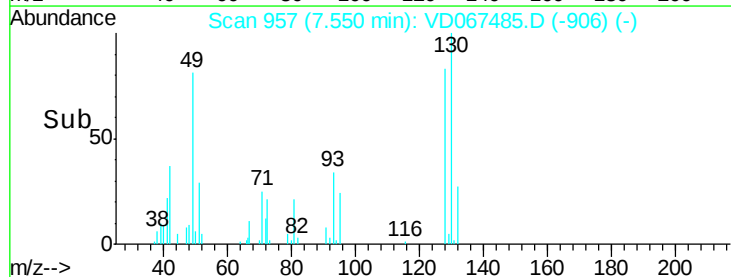
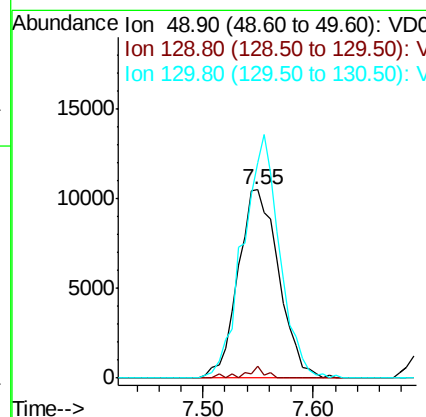
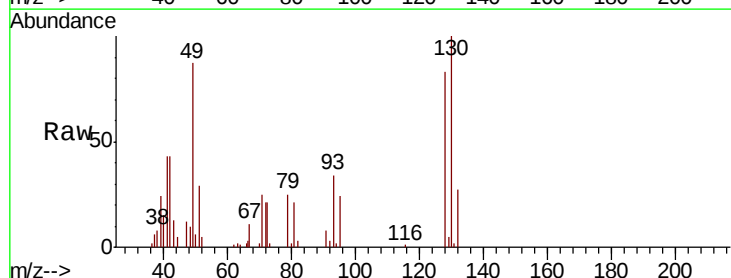
Tot Ion: 96 Resp: 61367
Ion Ratio Lower Upper
96 100
61 131.6 0.0 255.4
98 66.2 0.0 128.0

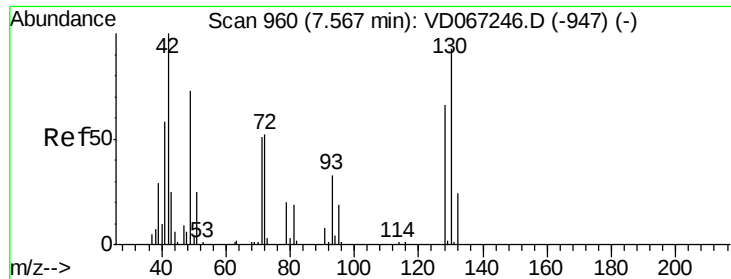


#28

Bromochloromethane
Concen: 18.878 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 49 Resp: 27163
Ion Ratio Lower Upper
49 100
129 2.5 0.0 1.6#
130 116.1 91.0 136.6

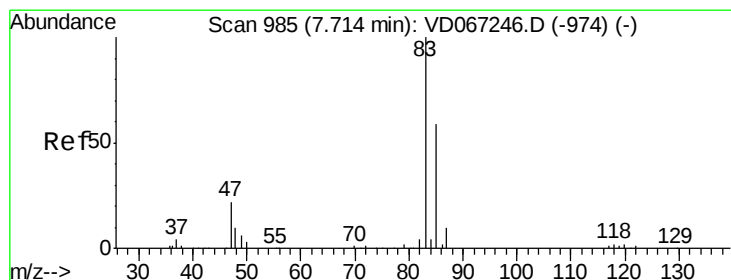
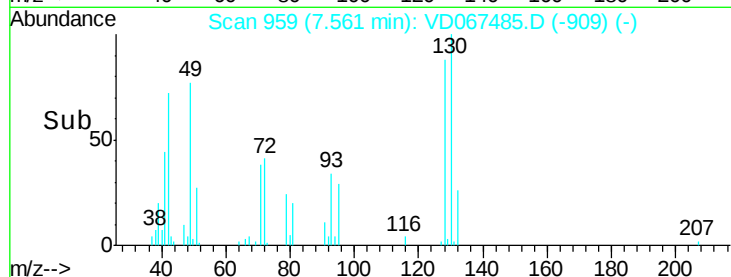
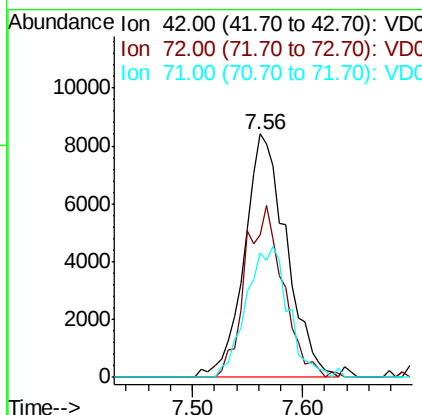
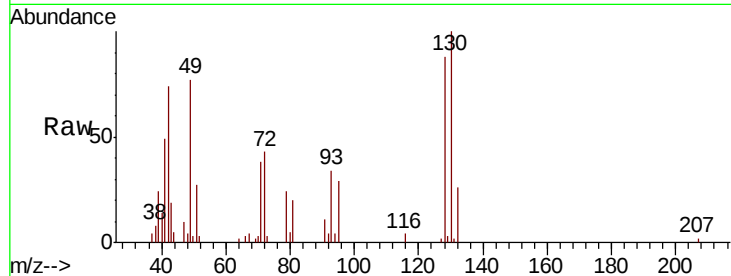




#29
Tetrahydrofuran
Concen: 88.462 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

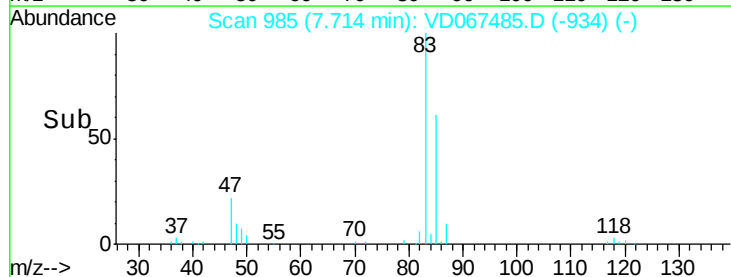
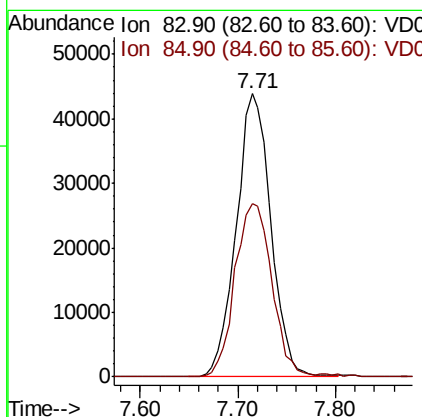
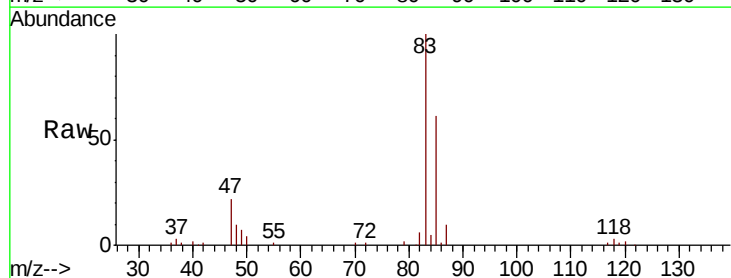
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

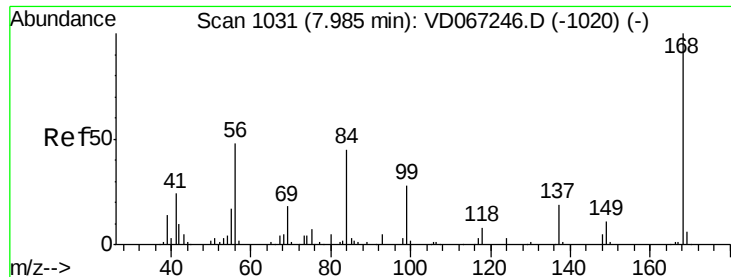
Tot Ion: 42 Resp: 22448
Ion Ratio Lower Upper
42 100
72 63.8 43.2 64.8
71 53.7 39.4 59.0



#30
Chloroform
Concen: 21.653 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 83 Resp: 109113
Ion Ratio Lower Upper
83 100
85 61.2 47.3 70.9

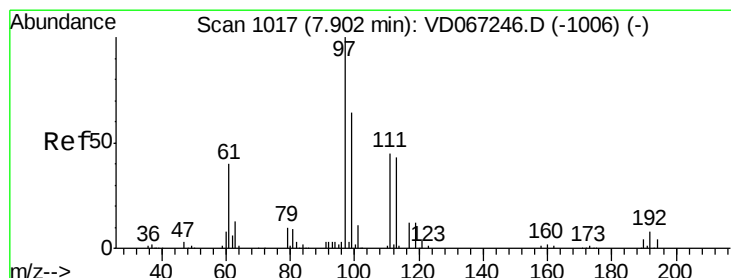
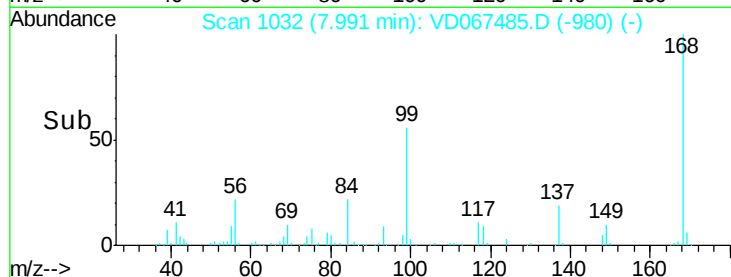
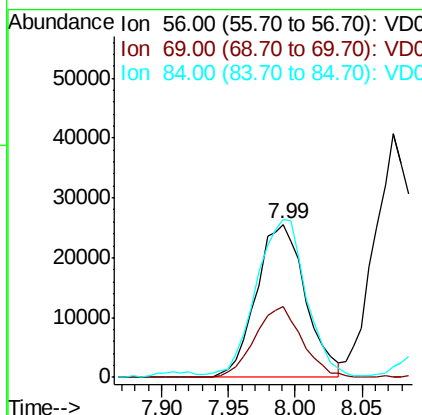
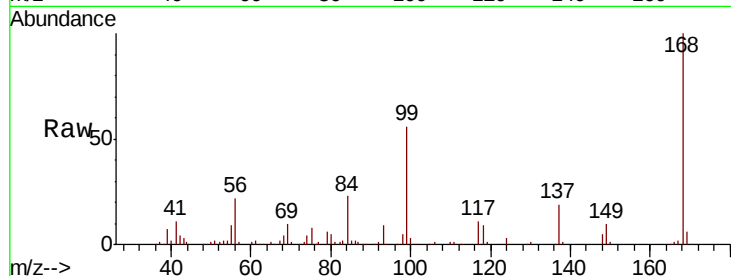




#31
Cyclohexane
Concen: 19.913 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

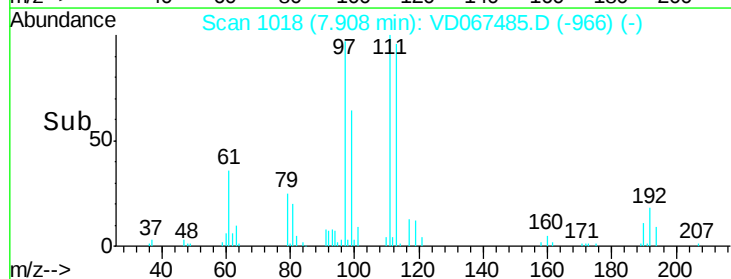
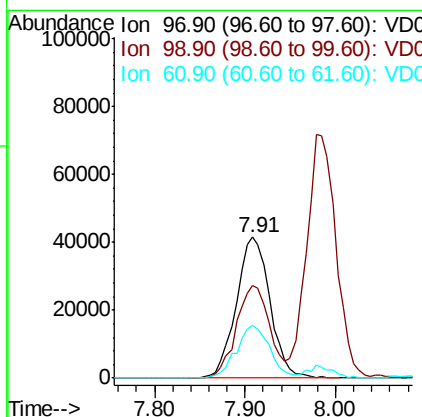
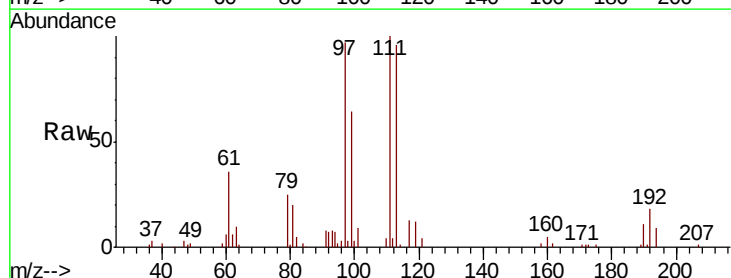
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

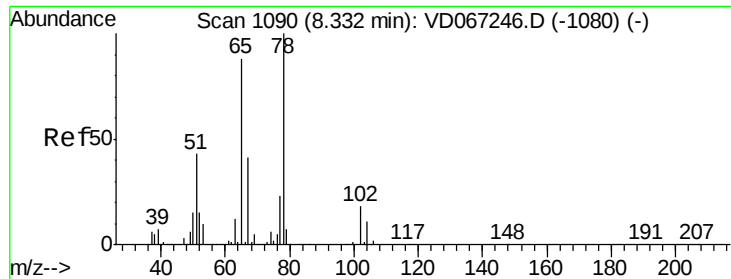
Tot Ion: 56 Resp: 65584
Ion Ratio Lower Upper
56 100
69 46.1 29.8 44.6#
84 98.9 76.6 114.8



#32
1,1,1-Trichloroethane
Concen: 21.739 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 97 Resp: 107486
Ion Ratio Lower Upper
97 100
99 64.6 50.2 75.4
61 36.8 30.5 45.7

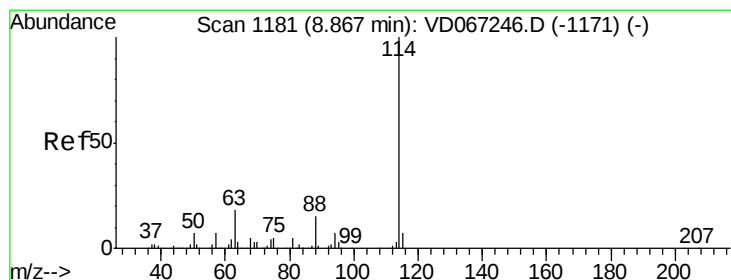
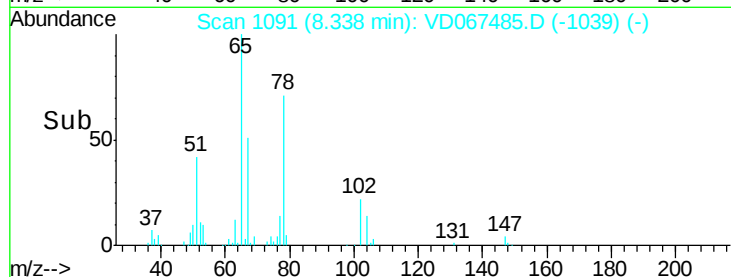
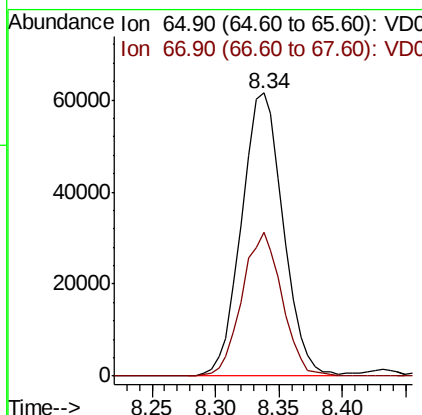
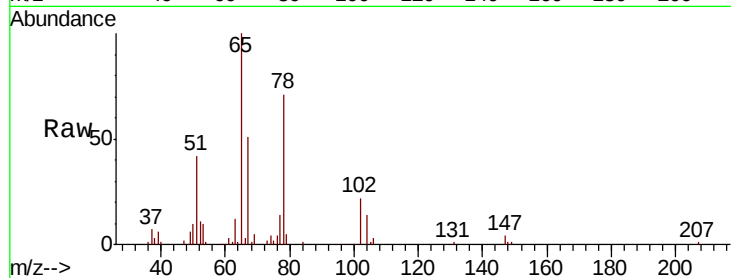




#33
 1,2-Dichloroethane-d4
 Concen: 49.289 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

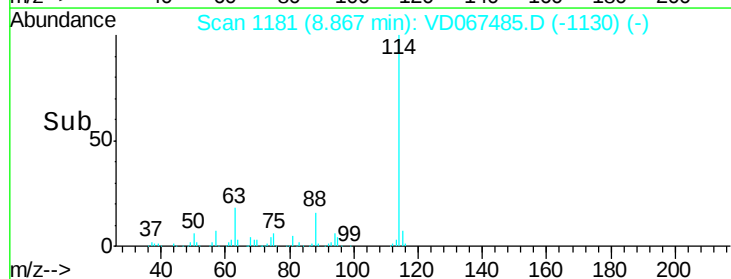
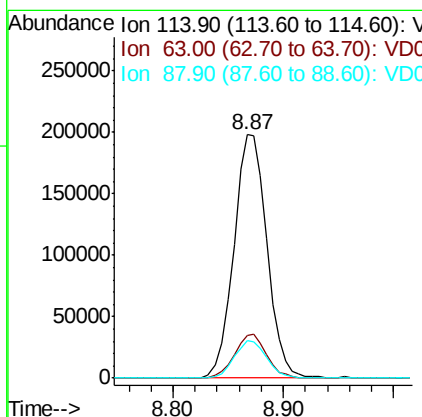
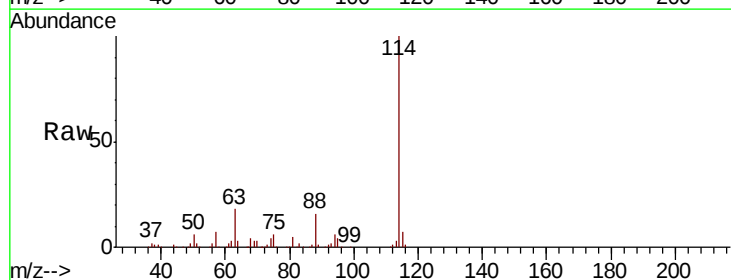
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

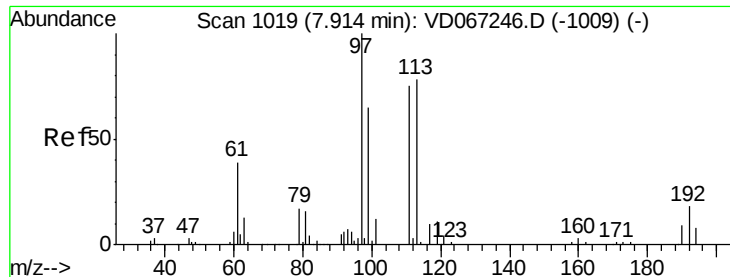
Tot Ion: 65 Resp: 140942
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 114 Resp: 416321
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 15.6 0.0 30.6

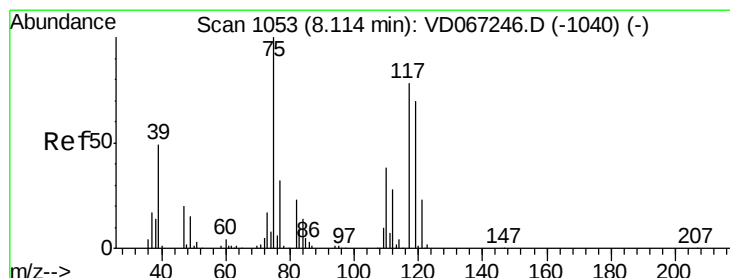
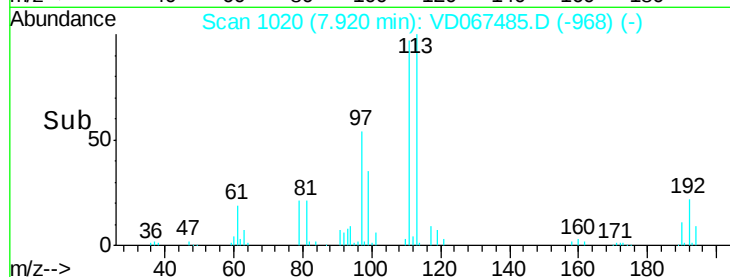
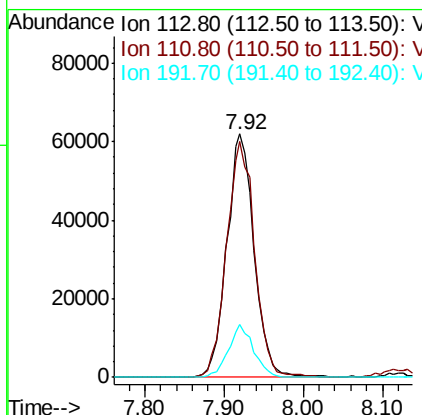
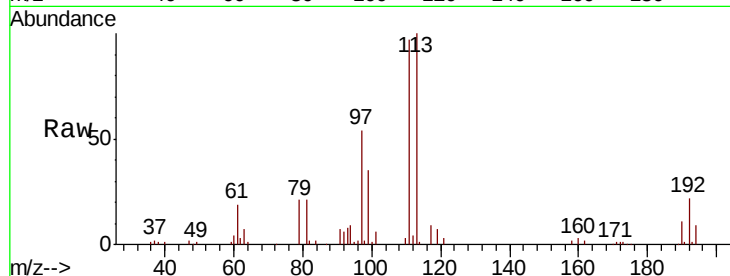




#35
 Dibromofluoromethane
 Concen: 53.309 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

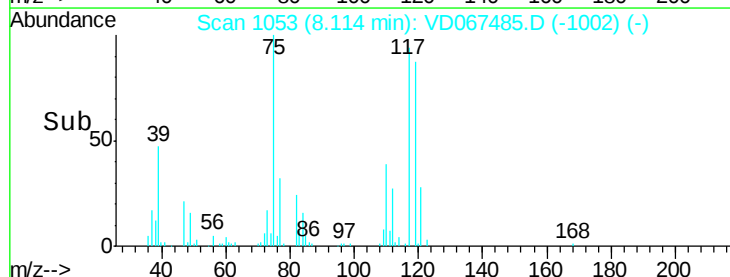
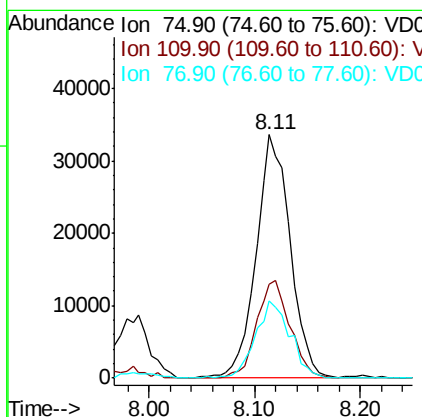
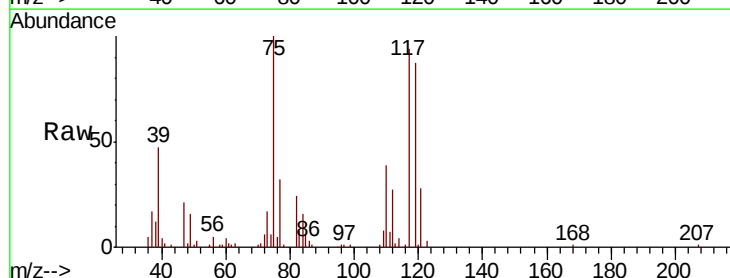
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

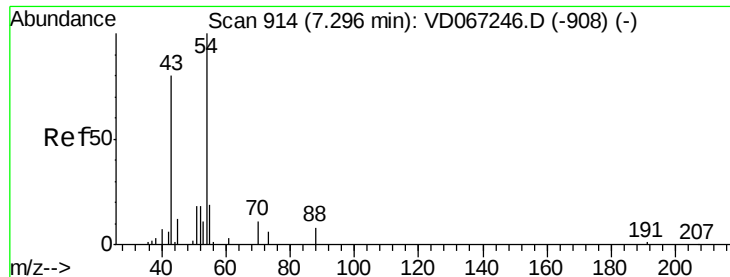
Tot Ion:113 Resp: 147700
 Ion Ratio Lower Upper
 113 100
 111 98.8 81.6 122.4
 192 20.0 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 21.379 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 75 Resp: 75438
 Ion Ratio Lower Upper
 75 100
 110 39.3 19.6 58.7
 77 32.3 24.6 37.0

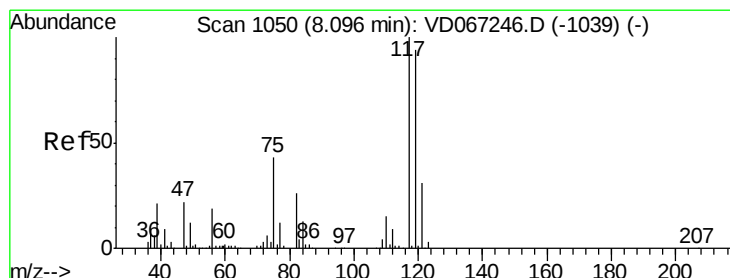
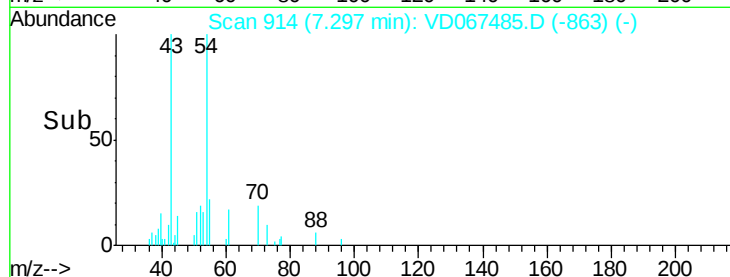
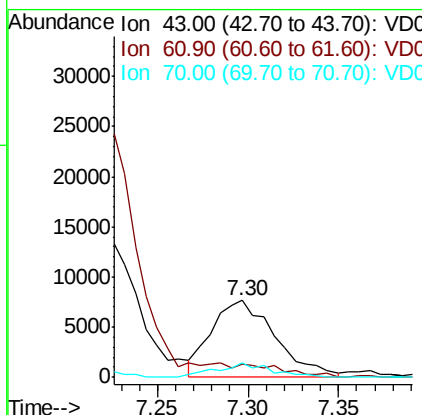
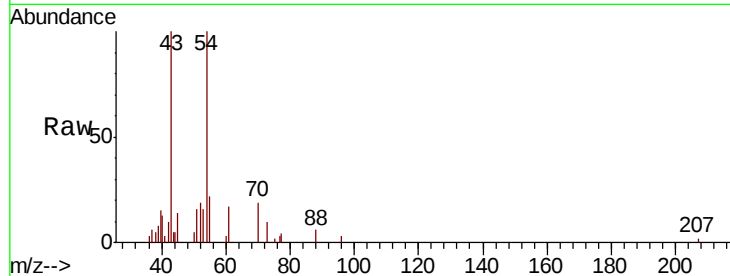




#37
Ethyl Acetate
Concen: 18.044 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

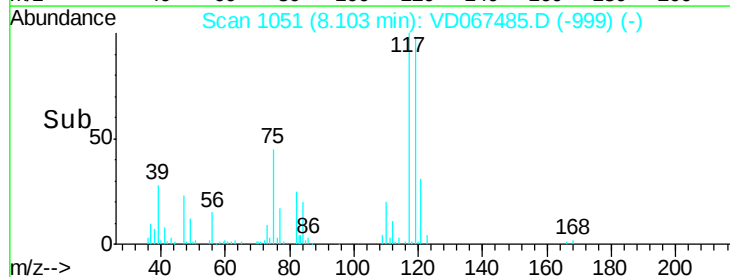
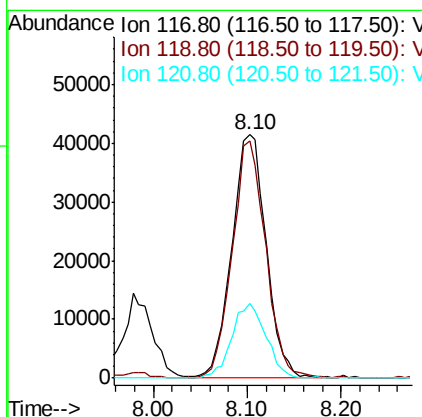
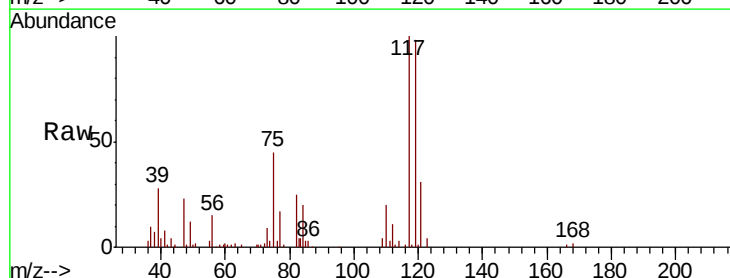
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

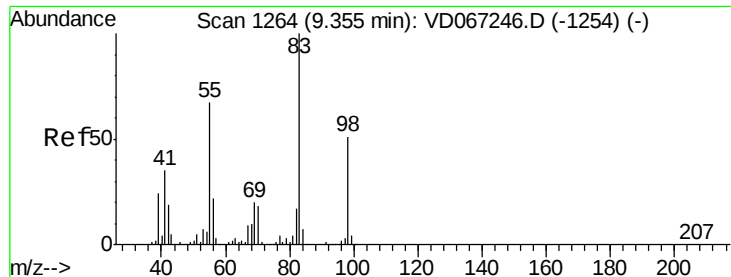
Tot Ion: 43 Resp: 18733
Ion Ratio Lower Upper
43 100
61 0.0 15.6 23.4#
70 16.6 10.4 15.6#



#38
Carbon Tetrachloride
Concen: 23.357 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 117 Resp: 105337
Ion Ratio Lower Upper
117 100
119 97.6 75.0 112.4
121 30.6 24.9 37.3

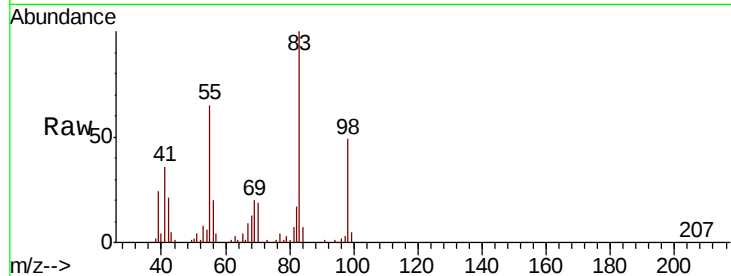




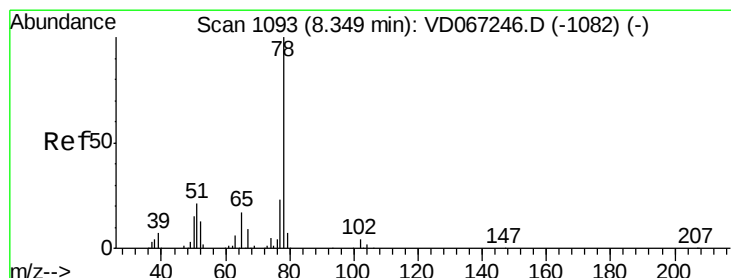
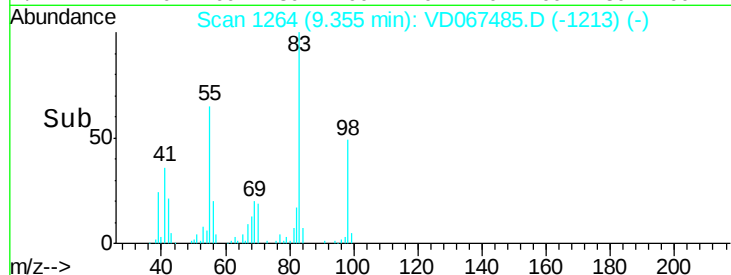
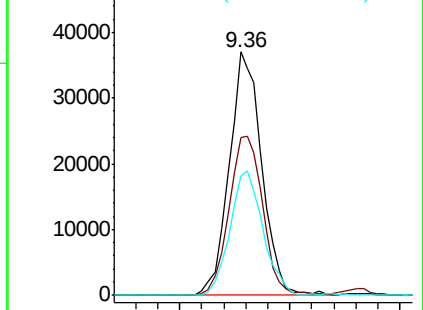
#39
Methvlcvclohexane
Concen: 20.711 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion: 83 Resp: 76400
Ion Ratio Lower Upper
83 100
55 65.0 53.3 79.9
98 48.8 41.0 61.4

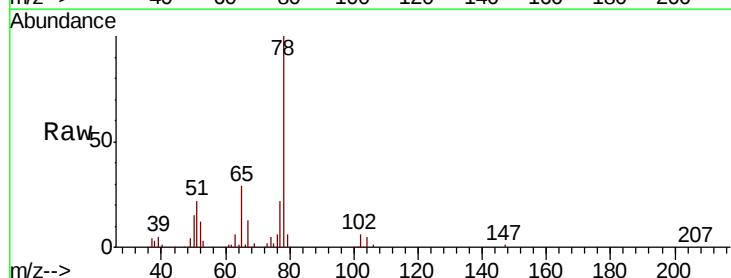


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

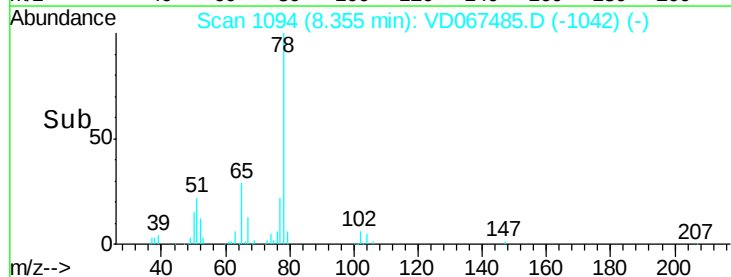
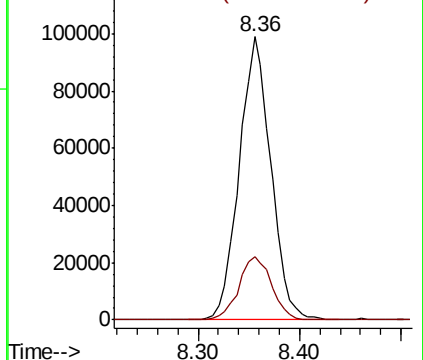


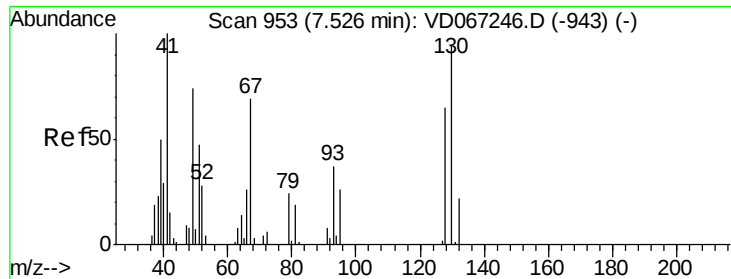
#40
Benzene
Concen: 22.136 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 78 Resp: 214286
Ion Ratio Lower Upper
78 100
77 22.1 18.3 27.5



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

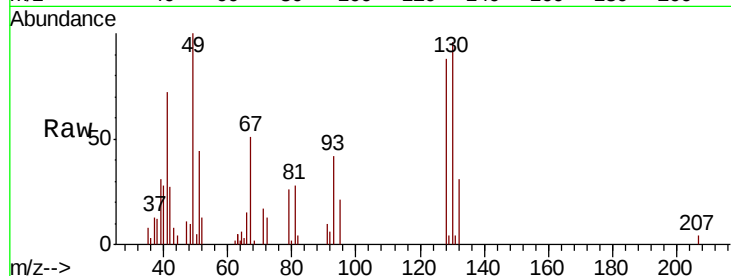




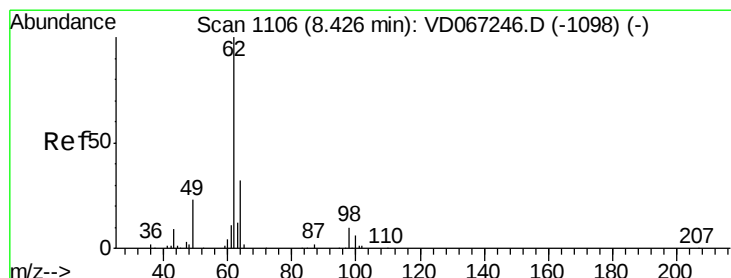
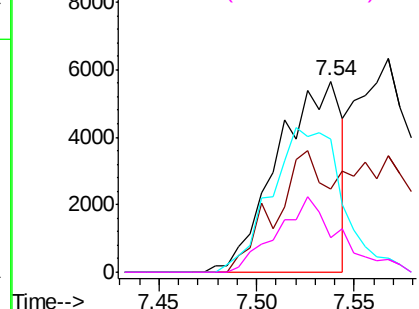
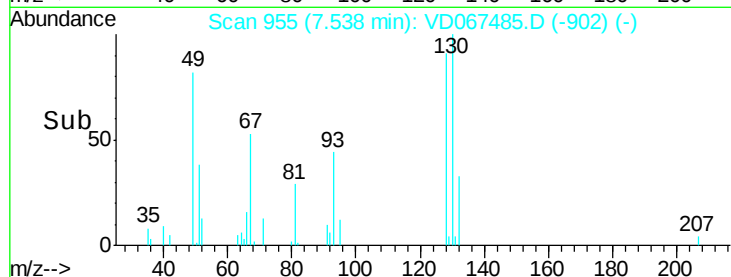
#41
Methacrylonitrile
Concen: 22.967 ug/l
RT: 7.54 min Scan# 955
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Tot Ion: 41 Resp: 12885
Ion Ratio Lower Upper
41 100
39 50.9 60.0 90.0#
67 84.4 88.9 133.3#
52 38.2 36.9 55.3

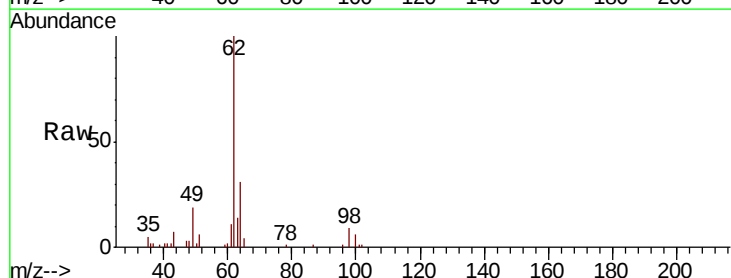


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

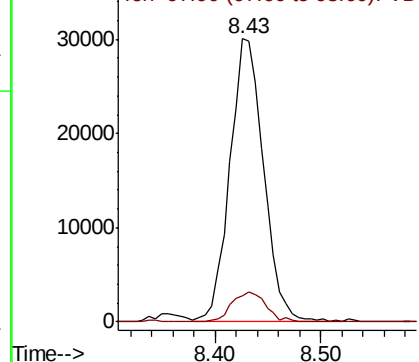
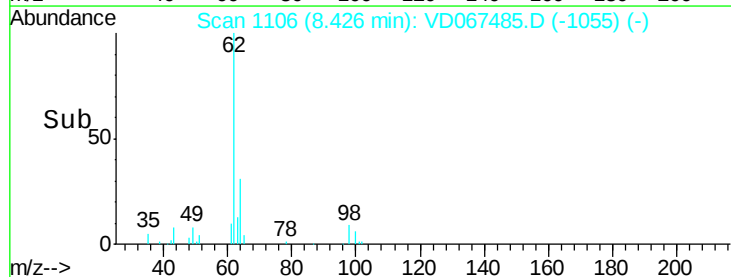


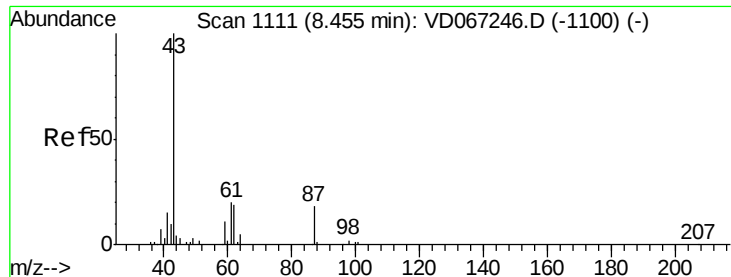
#42
1,2-Dichloroethane
Concen: 21.946 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 62 Resp: 66485
Ion Ratio Lower Upper
62 100
98 10.6 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: 19.649 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

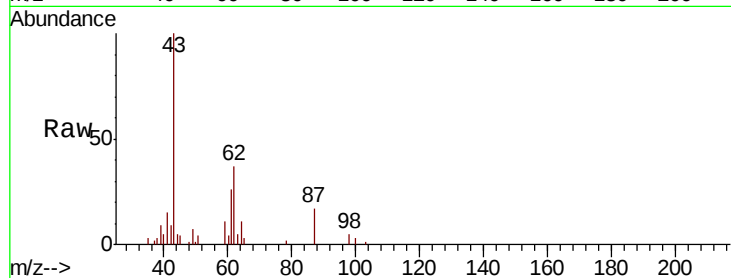
Tot Ion: 43 Resp: 40477

Ion Ratio Lower Upper

43 100

61 40.1 29.5 44.3

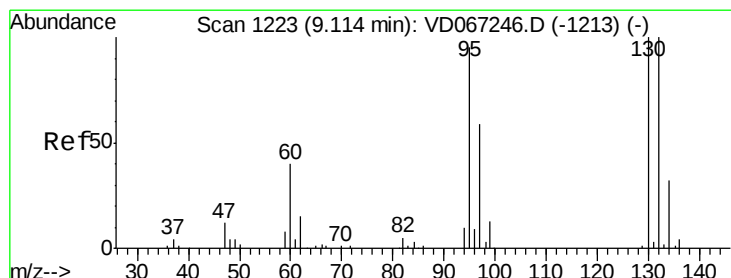
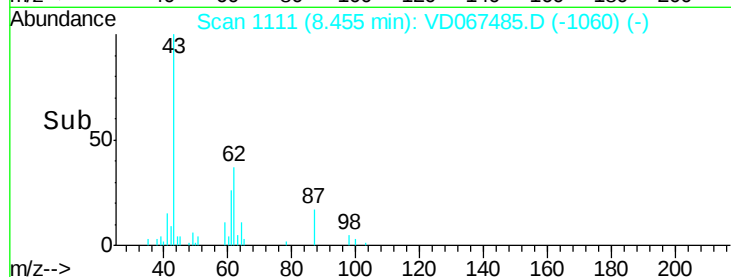
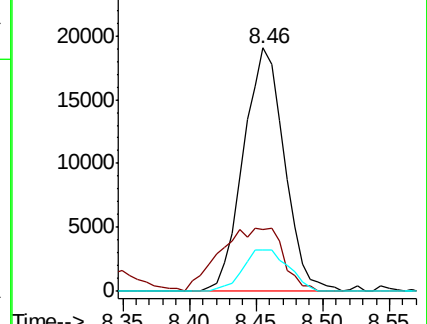
87 19.0 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.747 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD067485.D

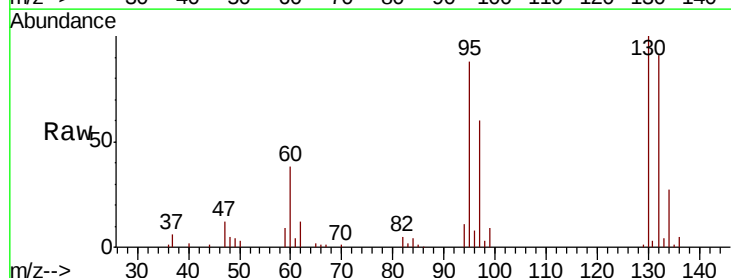
Acq: 02 Nov 2020 12:21

Tgt Ion: 130 Resp: 67403

Ion Ratio Lower Upper

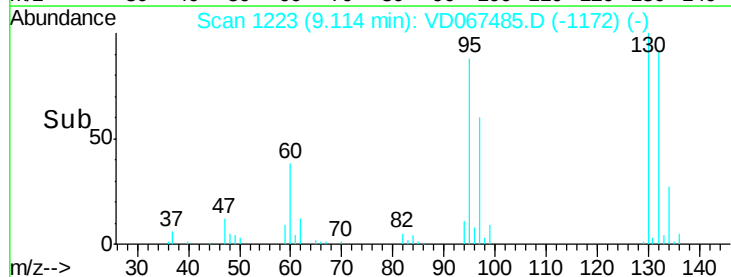
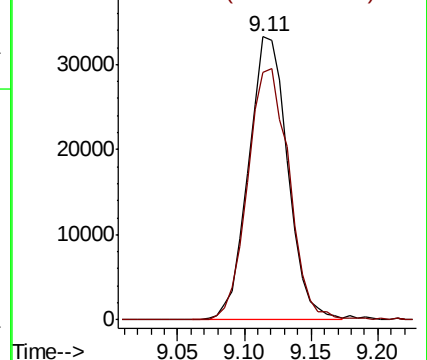
130 100

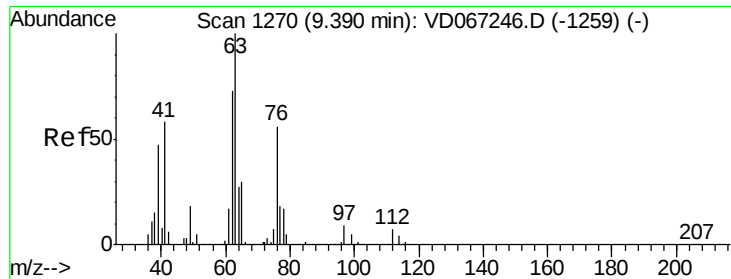
95 87.6 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

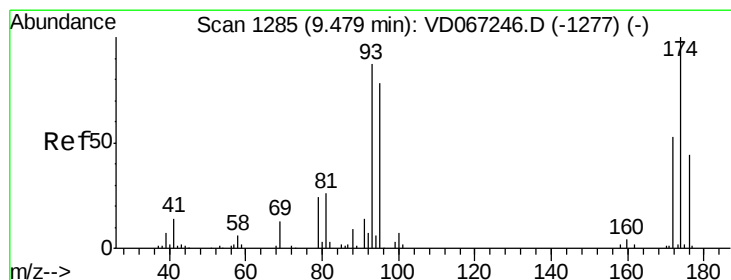
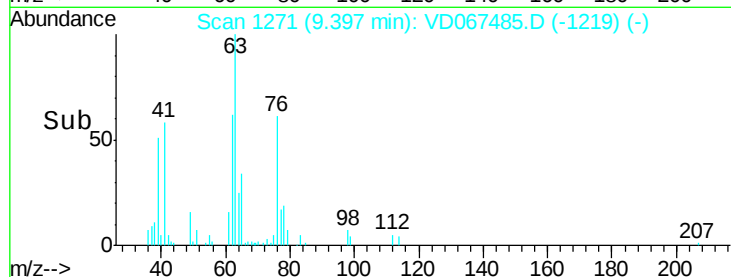
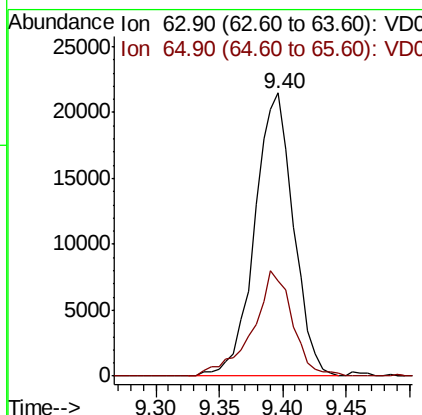
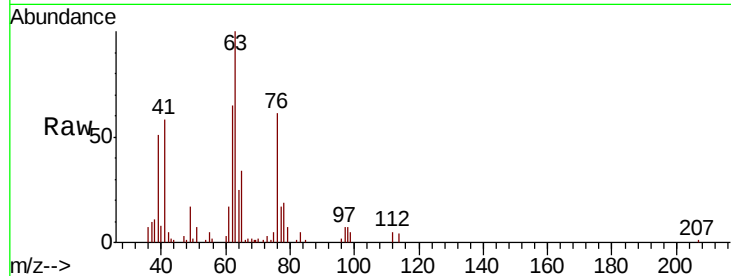




#45
 1,2-Dichloropropane
 Concen: 20.348 ug/l
 RT: 9.40 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

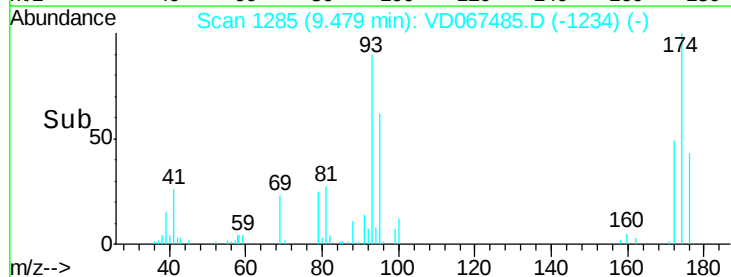
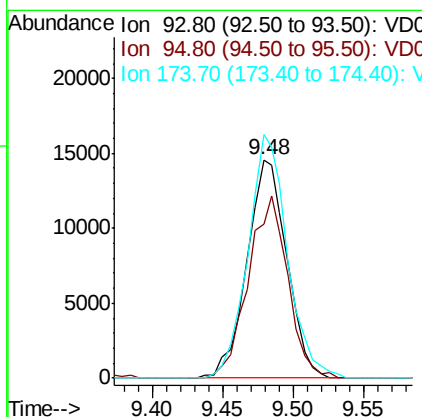
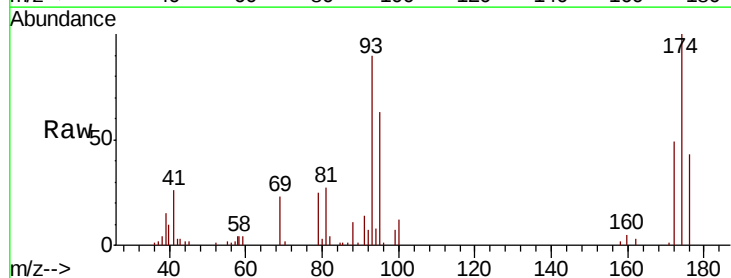
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

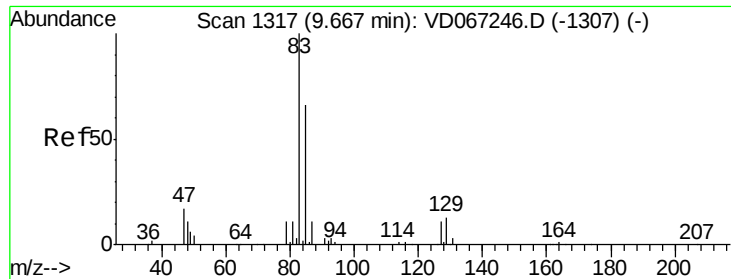
Tot Ion: 63 Resp: 45650
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.6 36.8



#46
 Dibromomethane
 Concen: 20.647 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 93 Resp: 28861
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.0 102.0
 174 110.1 91.8 137.6





#47

Bromodichloromethane

Concen: 21.404 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

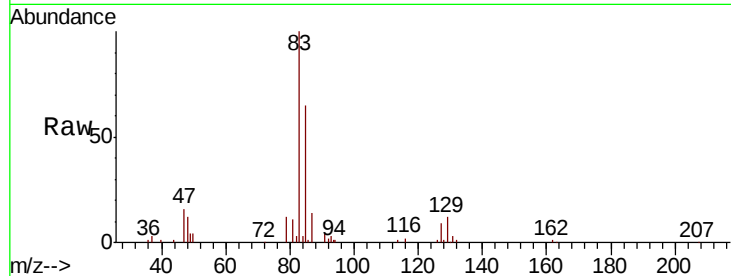
Tot Ion: 83 Resp: 80160

Ion Ratio Lower Upper

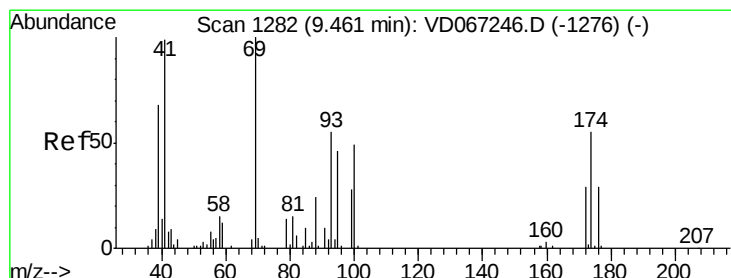
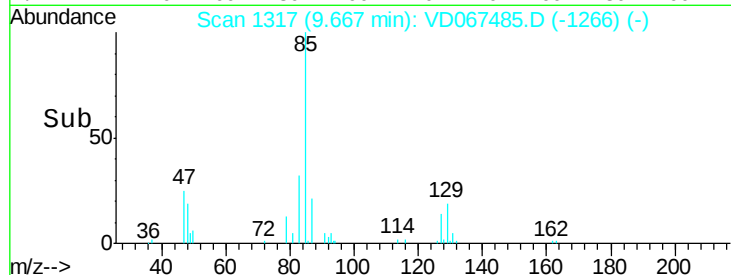
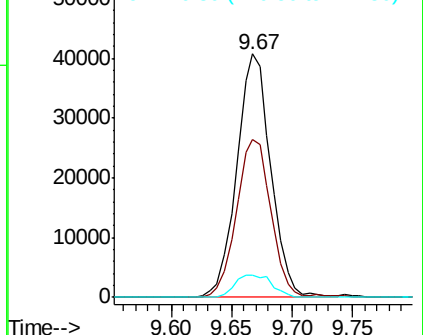
83 100

85 64.8 53.1 79.7

127 9.1 8.6 13.0



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



#48

Methyl methacrylate

Concen: 19.391 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

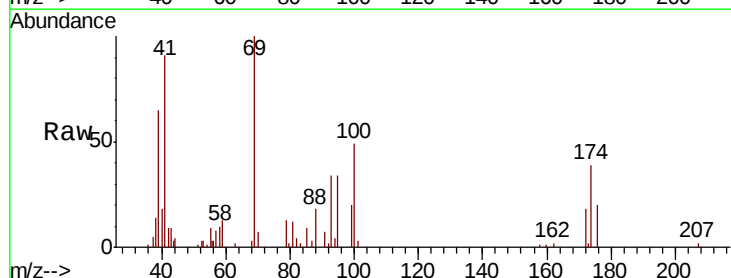
Tgt Ion: 41 Resp: 19412

Ion Ratio Lower Upper

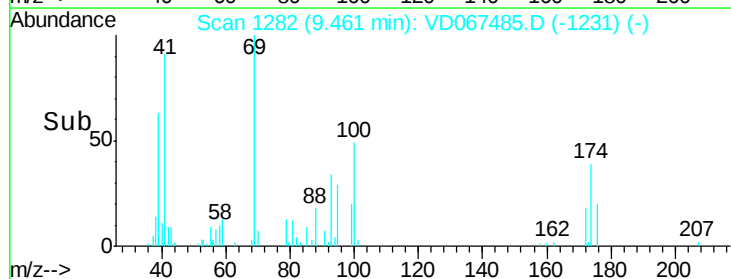
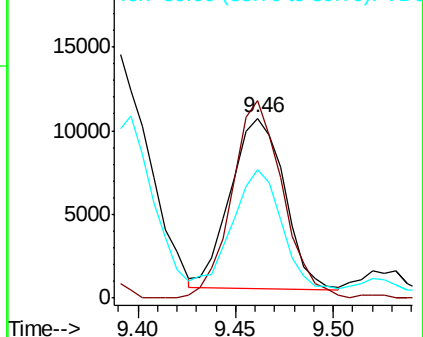
41 100

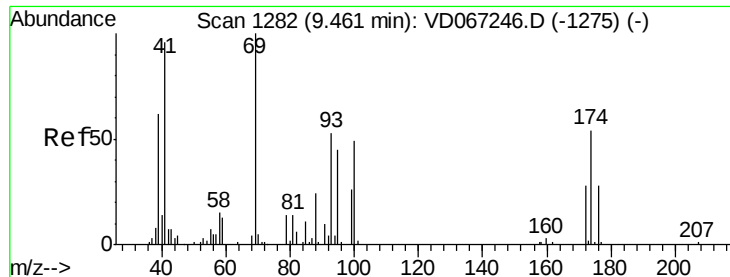
69 109.3 89.0 133.6

39 77.0 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

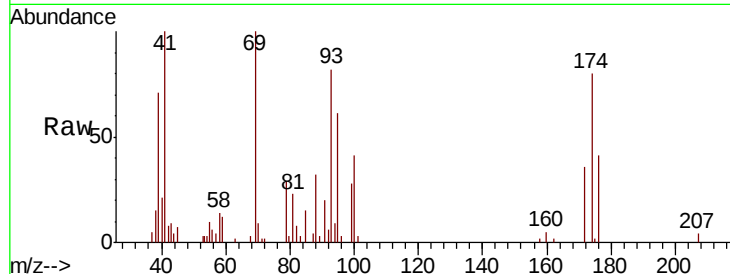




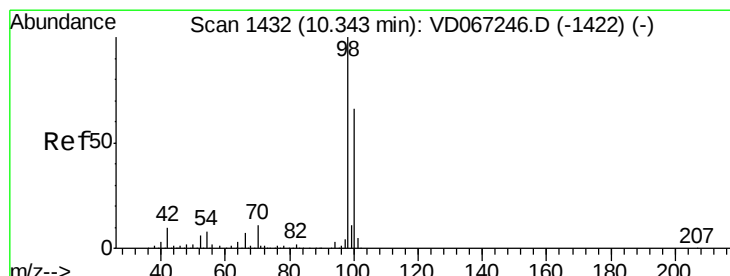
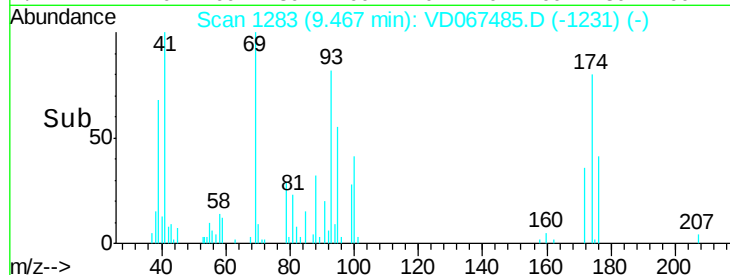
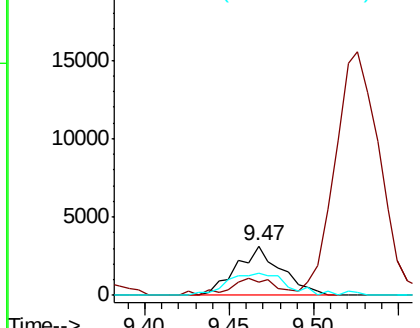
#49
 1,4-Dioxane
 Concen: 412.481 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Tot Ion: 88 Resp: 5821
 Ion Ratio Lower Upper
 88 100
 43 36.2 23.9 35.9#
 58 59.3 51.0 76.6

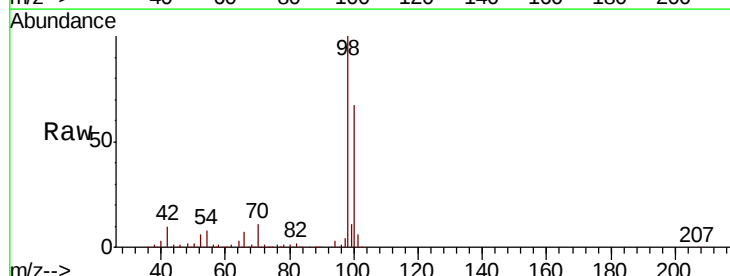


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

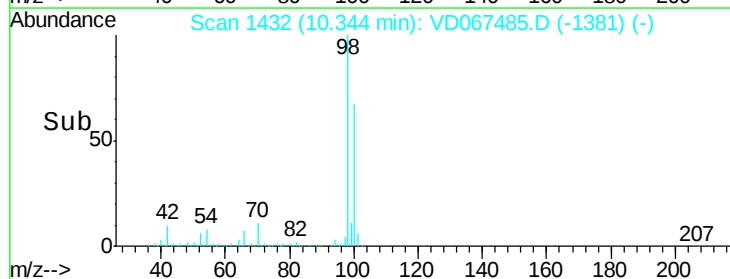
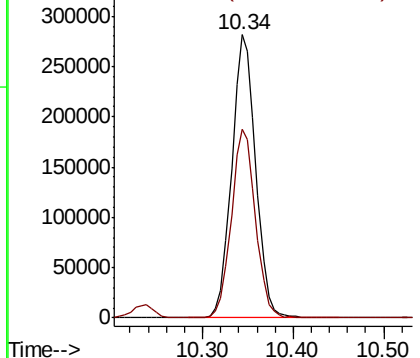


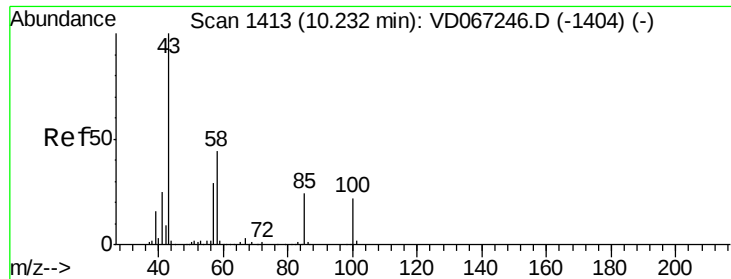
#50
 Toluene-d8
 Concen: 51.614 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 98 Resp: 517518
 Ion Ratio Lower Upper
 98 100
 100 67.1 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: 97.917 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

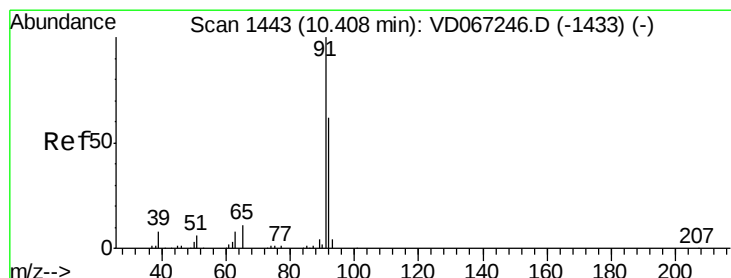
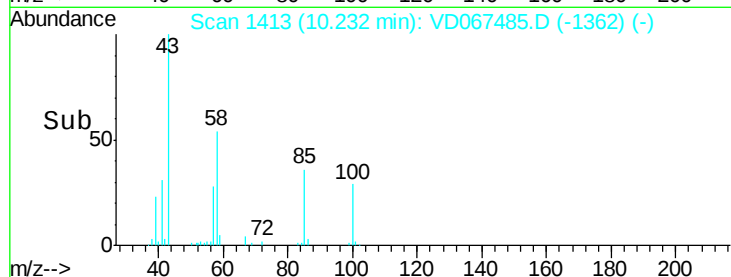
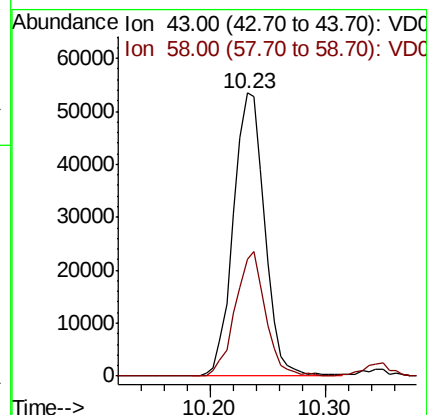
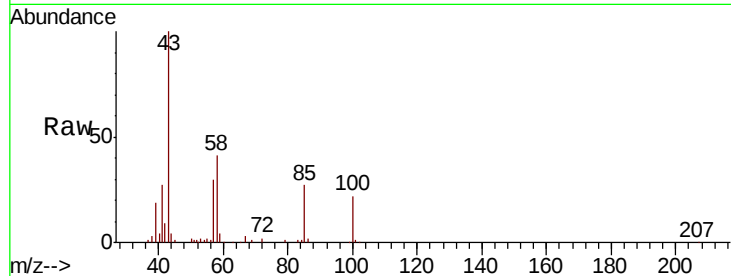
VD1102SBS01

Tot Ion: 43 Resp: 100607

Ion Ratio Lower Upper

43 100

58 42.3 35.7 53.5



#52

Toluene

Concen: 22.177 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067485.D

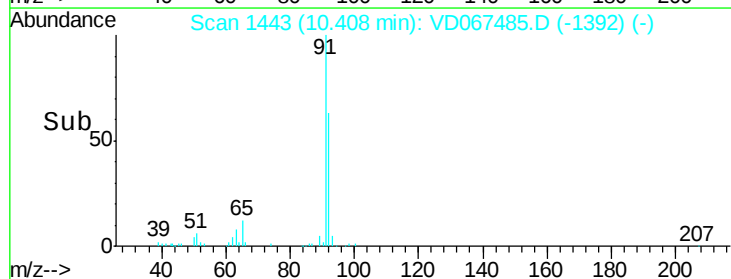
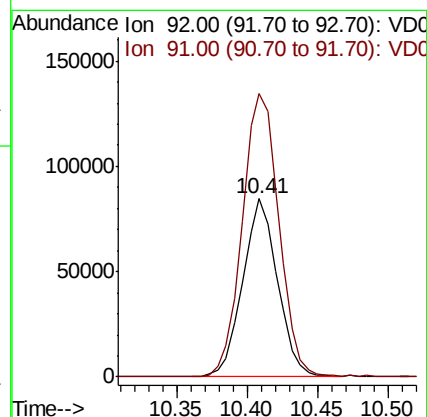
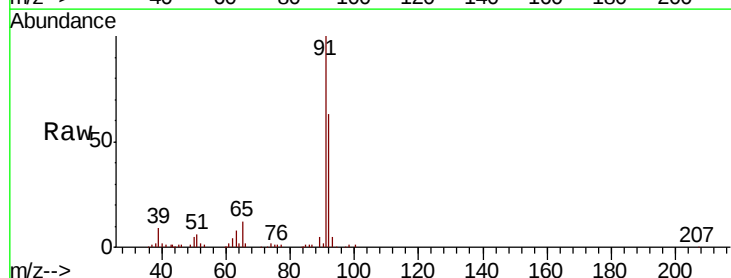
Acq: 02 Nov 2020 12:21

Tgt Ion: 92 Resp: 146219

Ion Ratio Lower Upper

92 100

91 167.7 133.8 200.8





#53

t-1,3-Dichloropropene

Concen: 21.419 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

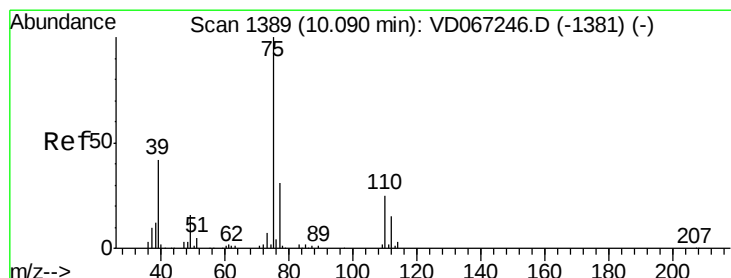
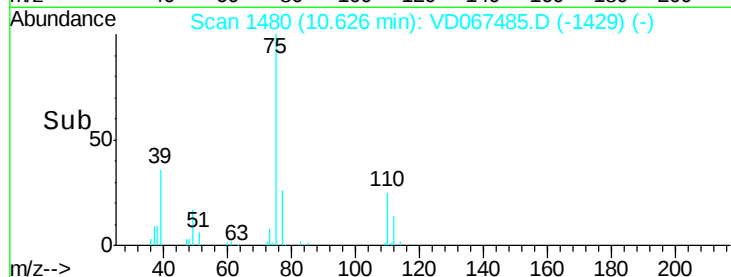
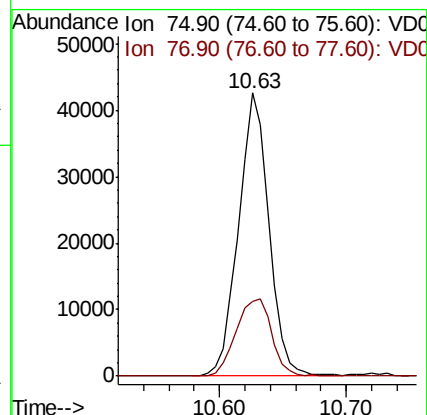
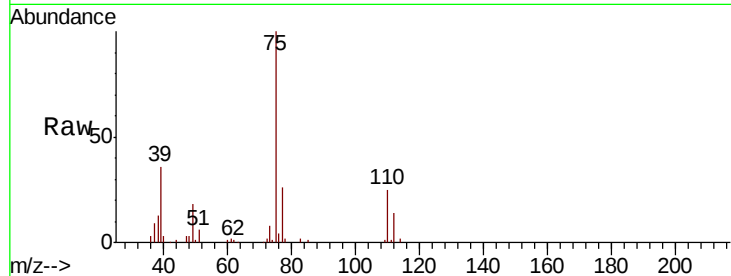
VD1102SBS01

Tot Ion: 75 Resp: 70465

Ion Ratio Lower Upper

75 100

77 26.3 26.5 39.7#



#54

cis-1,3-Dichloropropene

Concen: 21.419 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

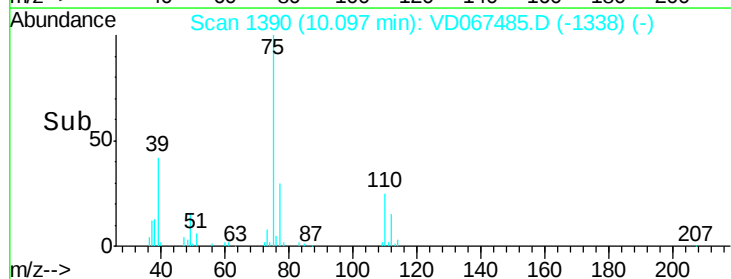
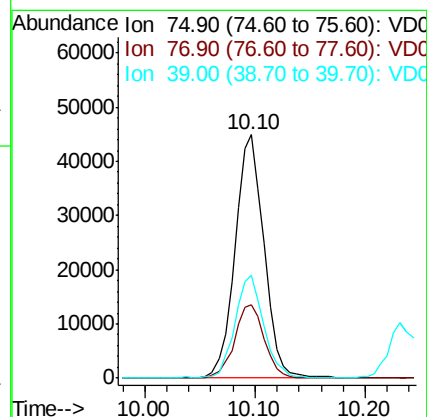
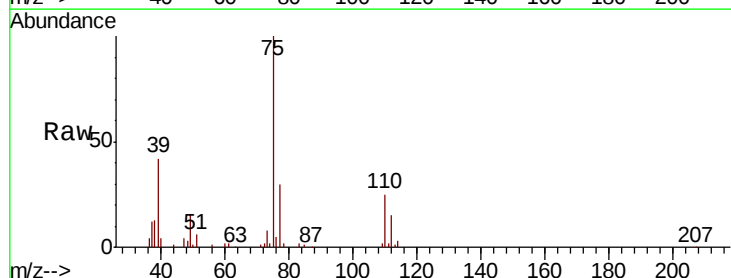
Tgt Ion: 75 Resp: 82465

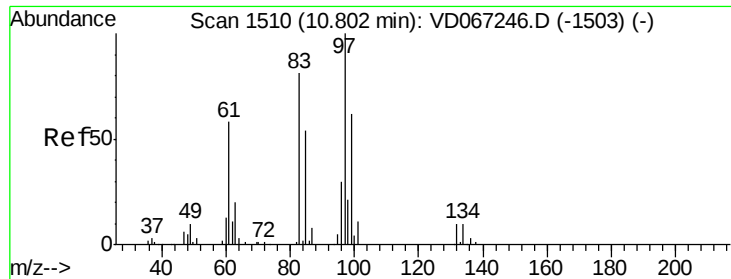
Ion Ratio Lower Upper

75 100

77 30.3 24.5 36.7

39 42.4 33.7 50.5





#55

1,1,2-Trichloroethane

Concen: 20.991 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

Tot Ion: 97 Resp: 40010

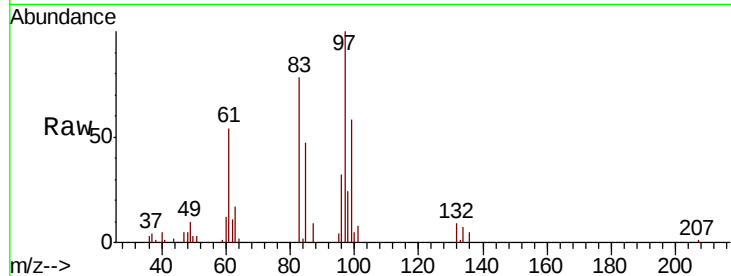
Ion	Ratio	Lower	Upper
97	100		
83	77.6	64.9	97.3
85	47.2	43.3	64.9
99	58.4	49.1	73.7

97 100

83 77.6 64.9 97.3

85 47.2 43.3 64.9

99 58.4 49.1 73.7



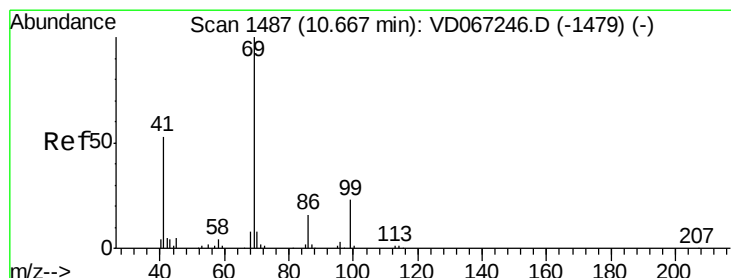
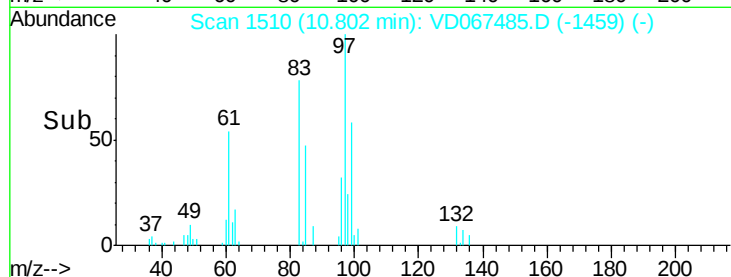
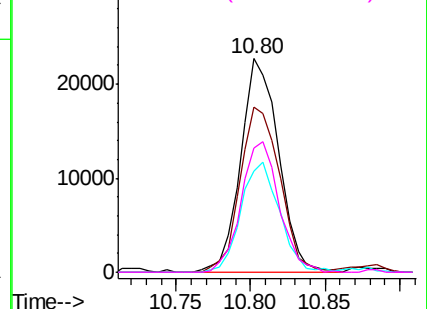
Abundance

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: 20.267 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

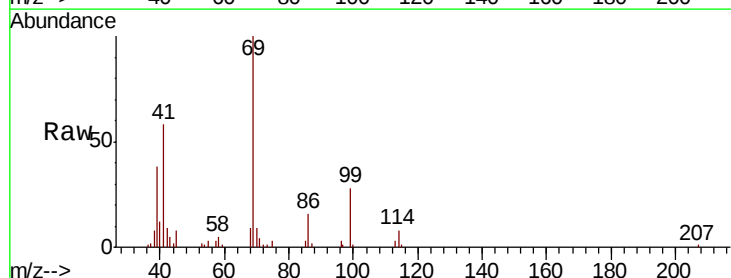
Tgt Ion: 69 Resp: 40065

Ion	Ratio	Lower	Upper
69	100		
41	55.1	44.7	67.1
39	34.5	26.2	39.2

69 100

41 55.1 44.7 67.1

39 34.5 26.2 39.2

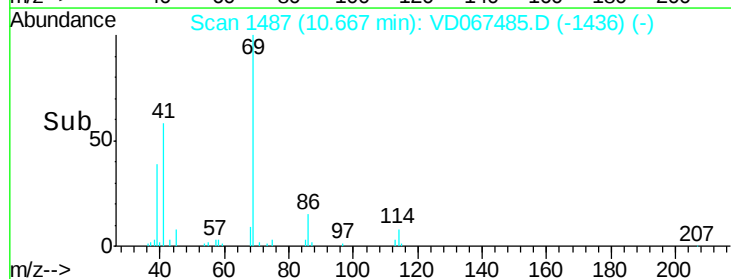
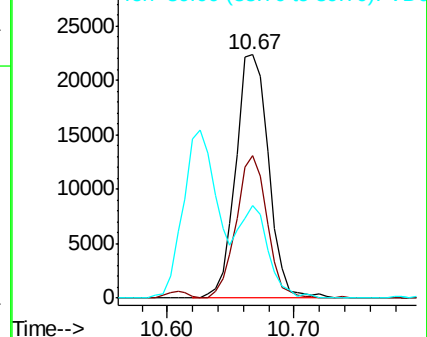


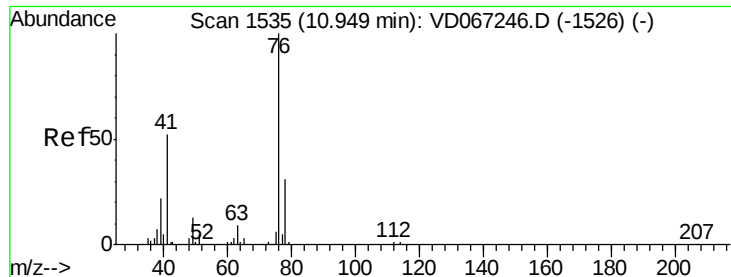
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

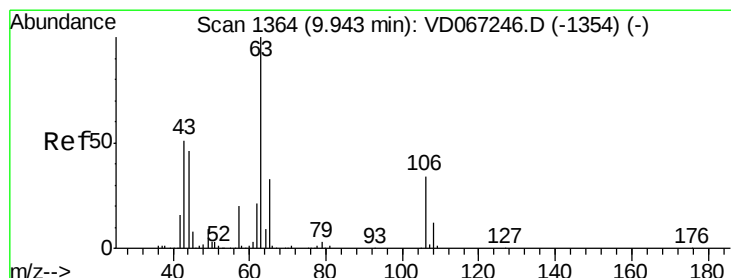
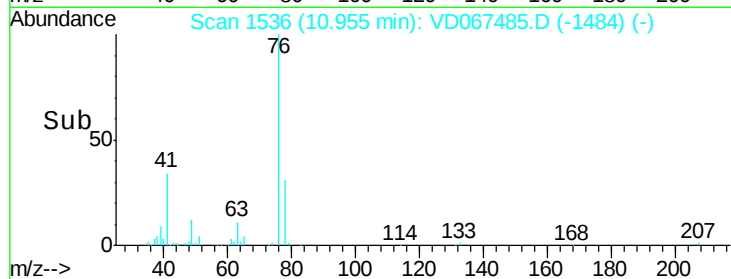
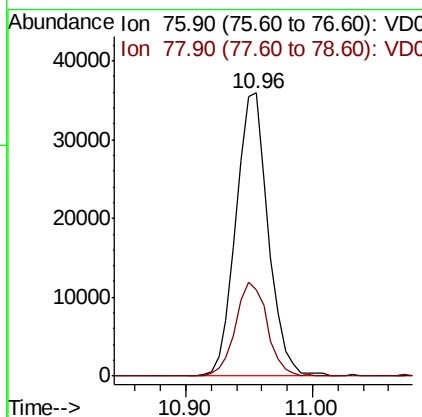
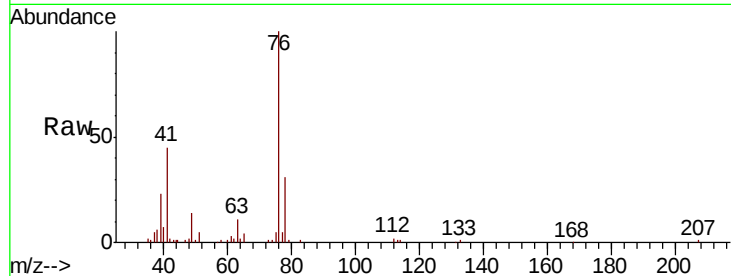




#57
 1,3-Dichloropropane
 Concen: 20.908 ug/l
 RT: 10.96 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

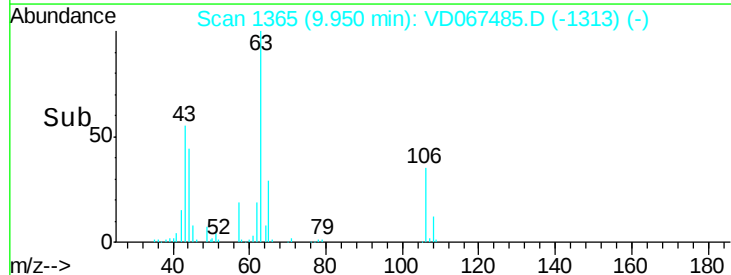
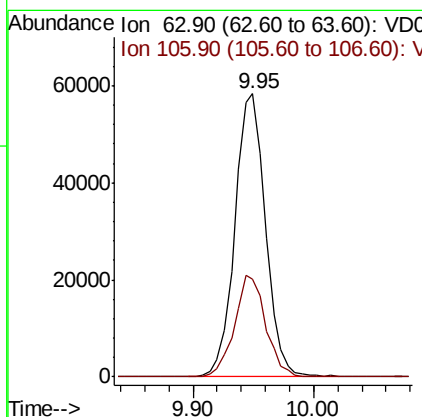
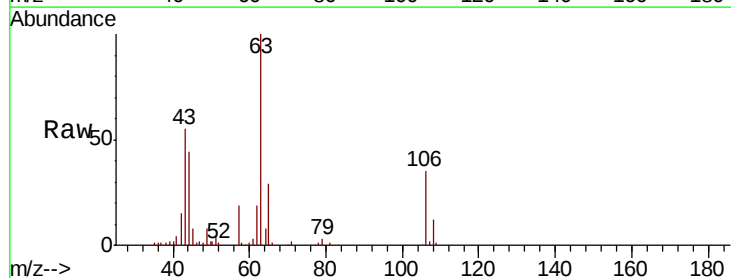
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

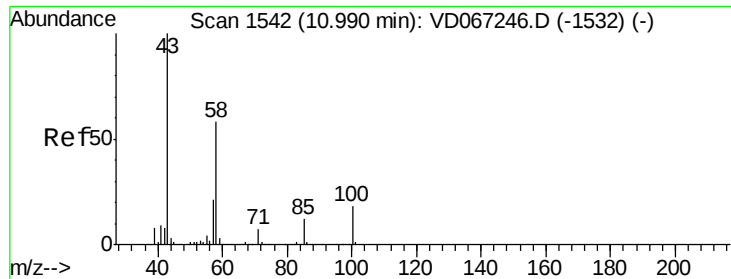
Tot Ion: 76 Resp: 63423
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.653 ug/l
 RT: 9.95 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 63 Resp: 103088
 Ion Ratio Lower Upper
 63 100
 106 36.3 27.8 41.6

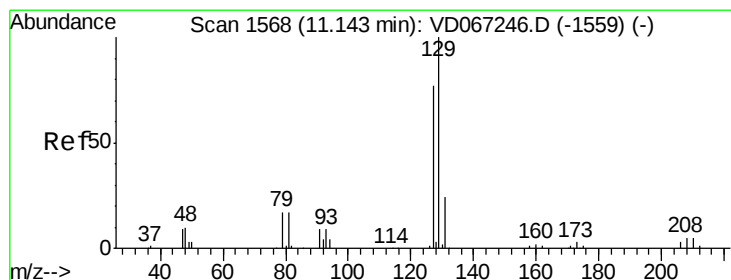
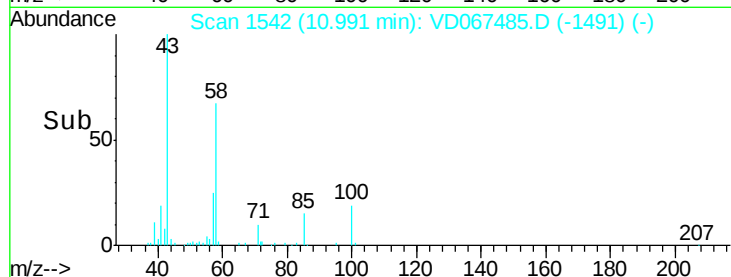
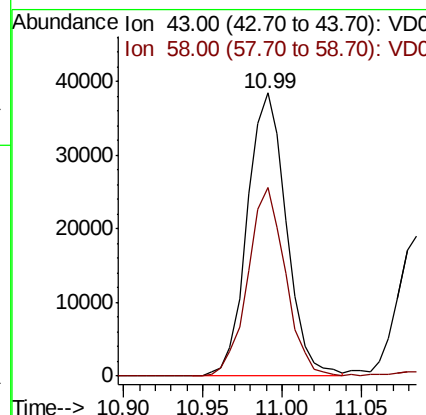
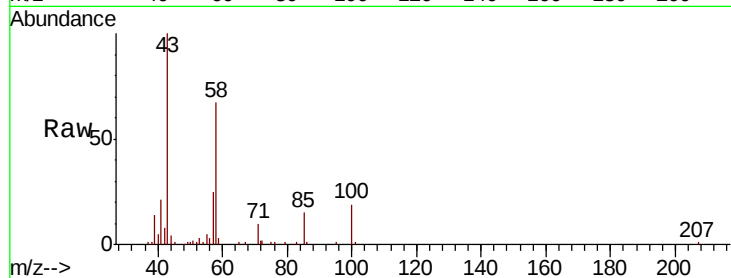




#59
2-Hexanone
Concen: 93.867 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

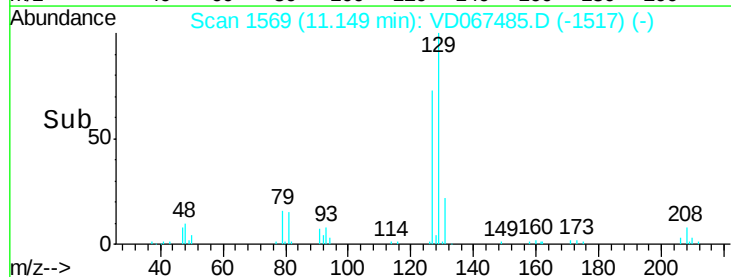
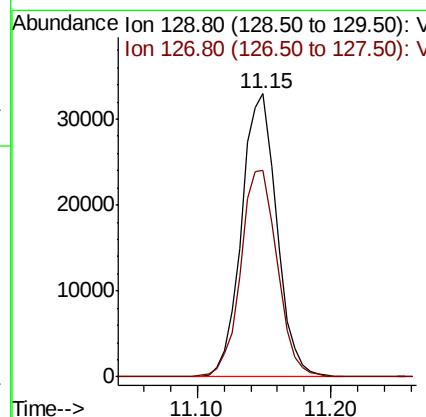
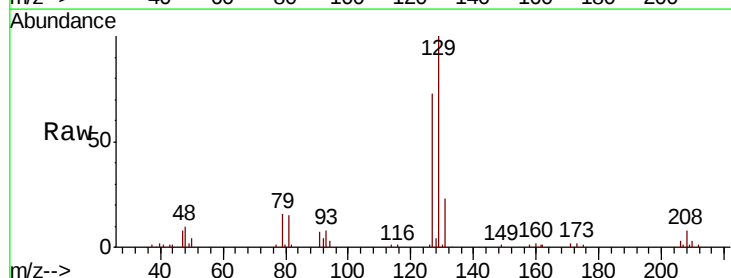
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

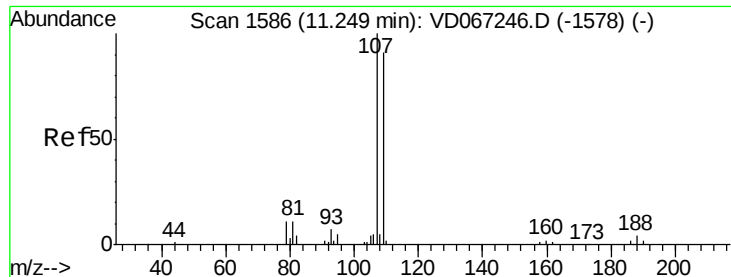
Tot Ion: 43 Resp: 65904
Ion Ratio Lower Upper
43 100
58 64.0 29.3 87.9



#60
Dibromochloromethane
Concen: 21.628 ug/l
RT: 11.15 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 129 Resp: 60121
Ion Ratio Lower Upper
129 100
127 75.6 38.3 114.8

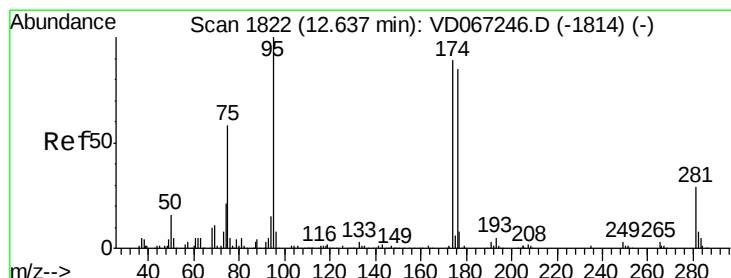
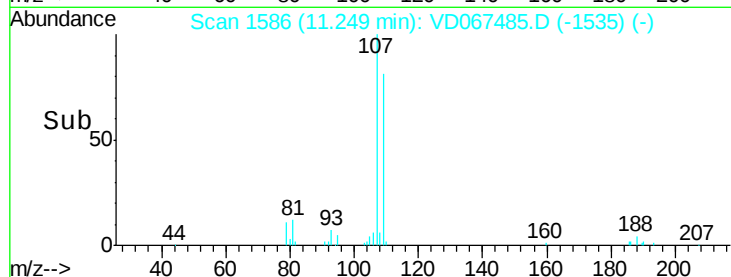
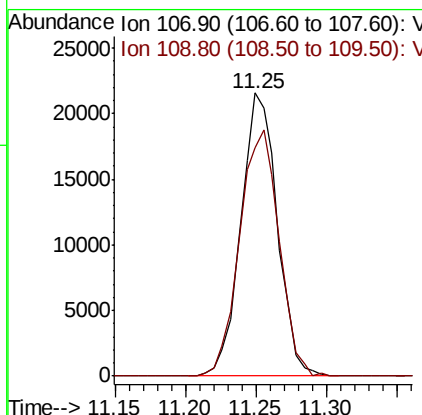
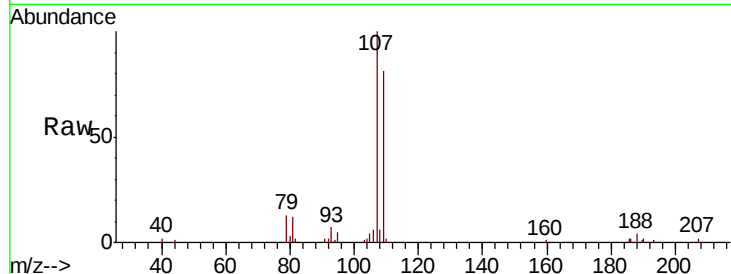




#61
 1,2-Dibromoethane
 Concen: 20.744 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

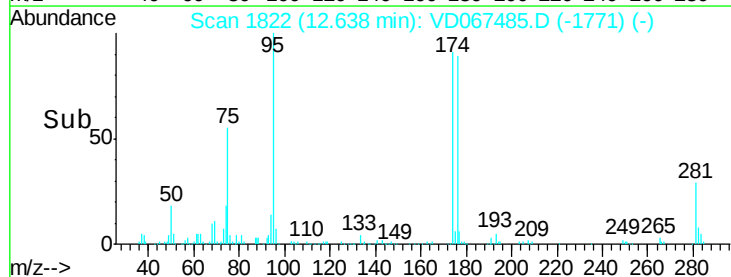
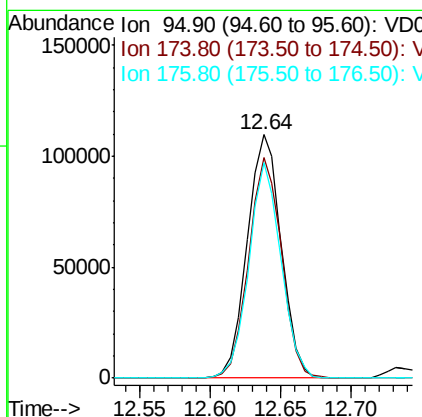
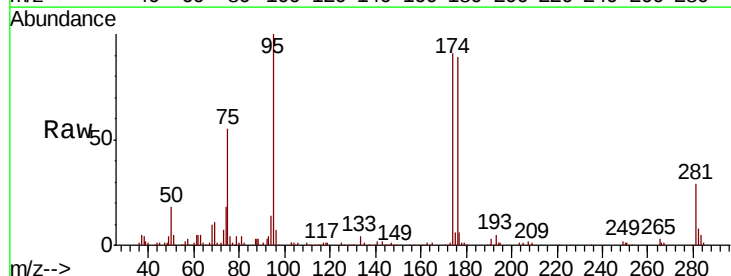
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Tot Ion: 107 Resp: 38981
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 53.108 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 95 Resp: 185160
 Ion Ratio Lower Upper
 95 100
 174 87.9 0.0 175.2
 176 84.1 0.0 168.6

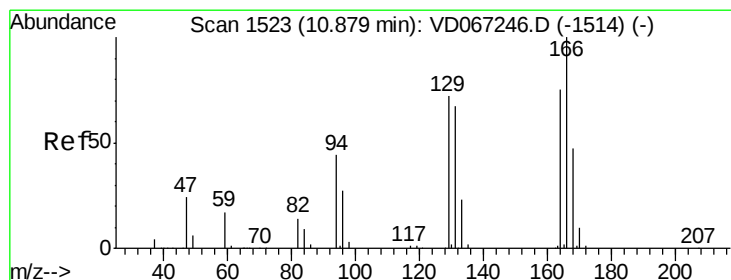
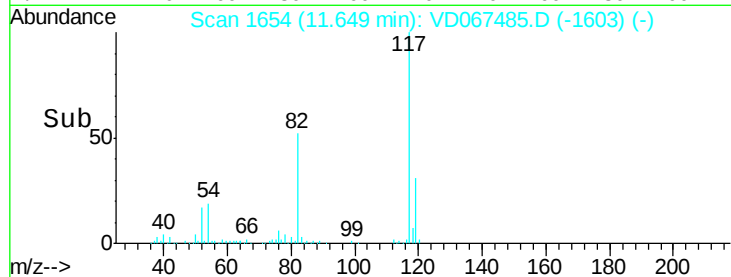
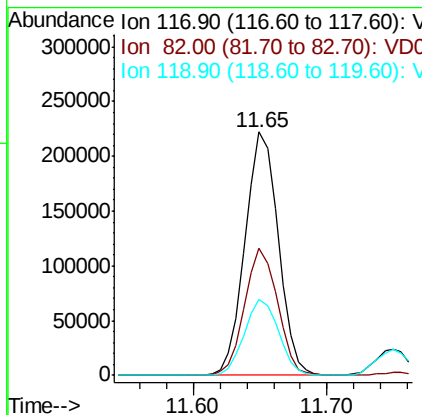
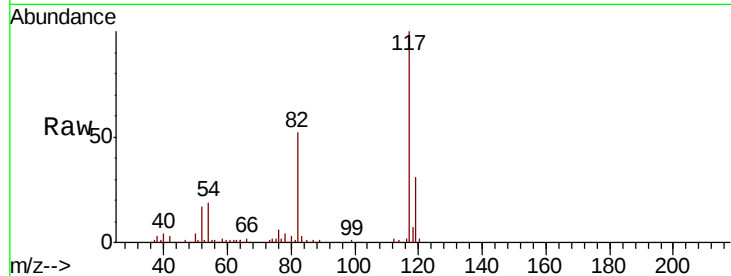




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

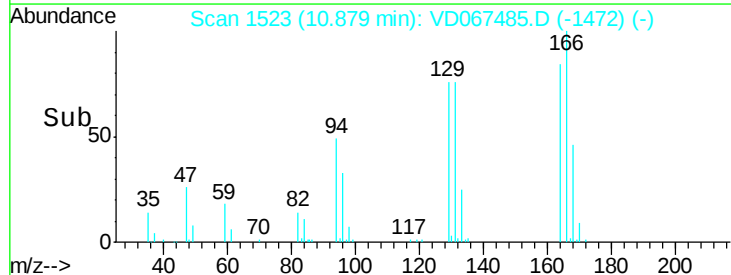
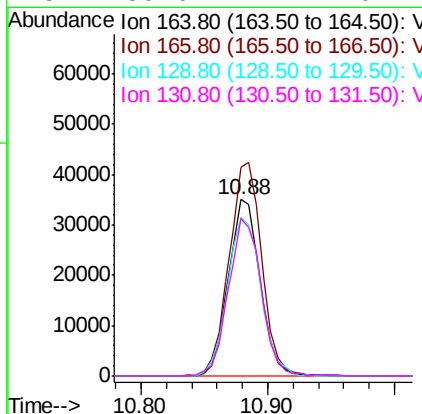
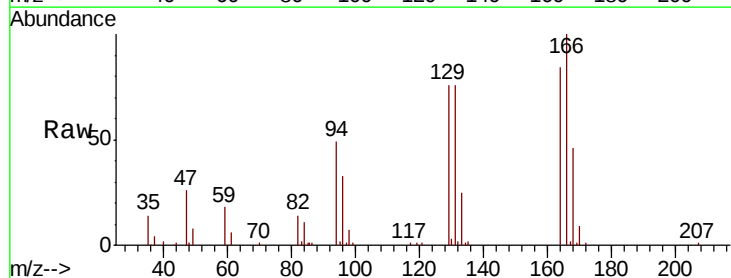
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

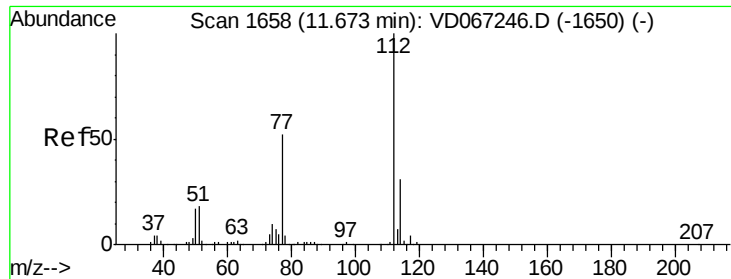
Tot Ion:117 Resp: 383559
Ion Ratio Lower Upper
117 100
82 52.3 39.9 59.9
119 31.3 24.9 37.3



#64
Tetrachloroethene
Concen: 21.766 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion:164 Resp: 60489
Ion Ratio Lower Upper
164 100
166 118.5 107.3 160.9
129 90.0 77.3 115.9
131 89.6 71.4 107.2

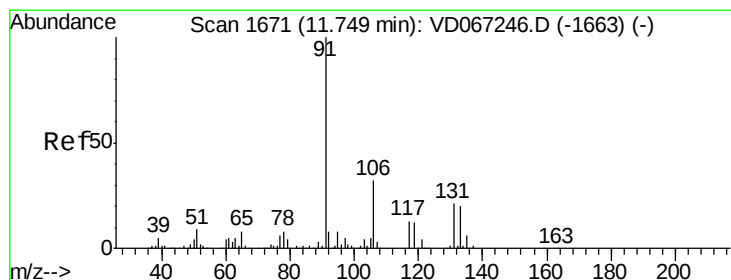
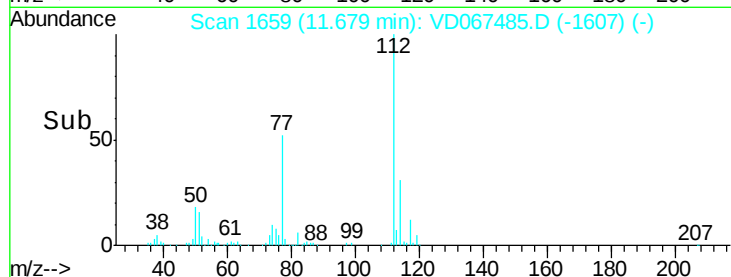
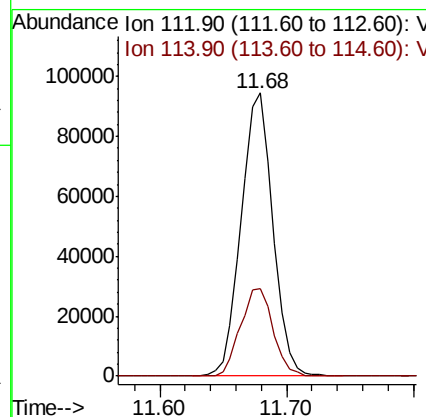
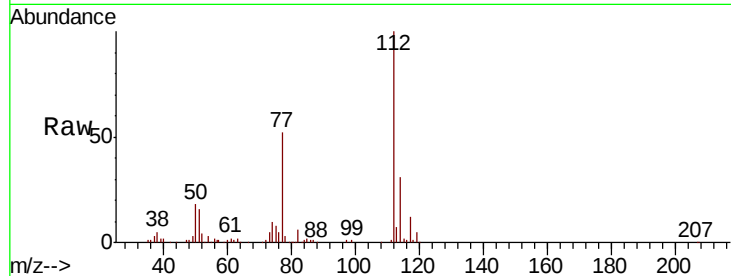




#65
Chlorobenzene
Concen: 22.189 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

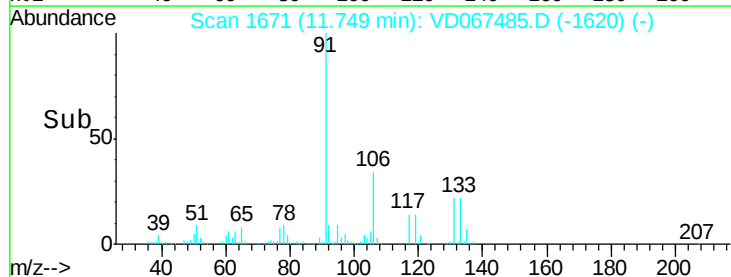
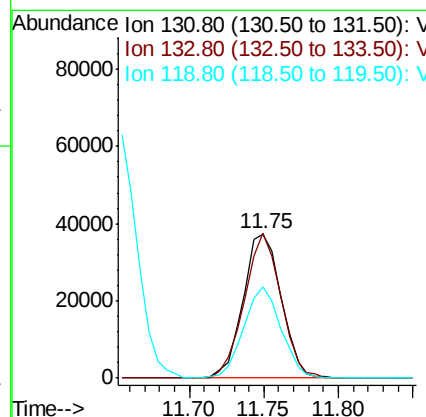
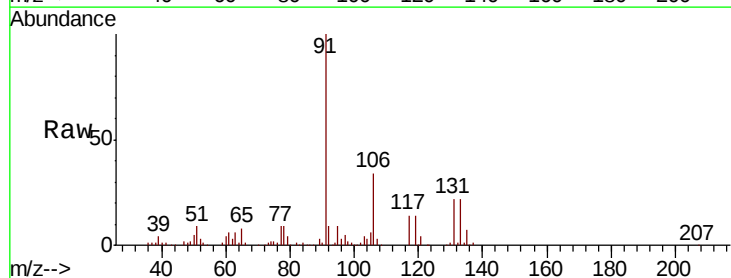
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

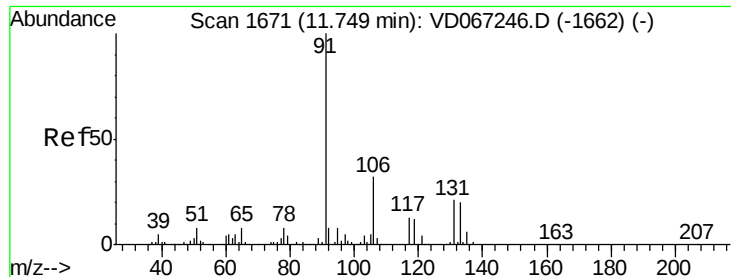
Tot Ion:112 Resp: 163204
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 22.513 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion:131 Resp: 65813
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 62.2 30.0 90.0





#67

Ethyl Benzene

Concen: 22.042 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

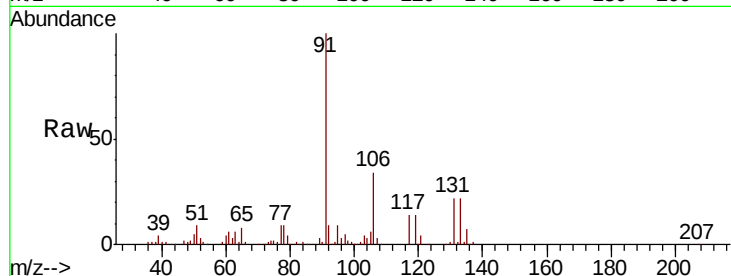
VD1102SBS01

Tot Ion: 91 Resp: 277914

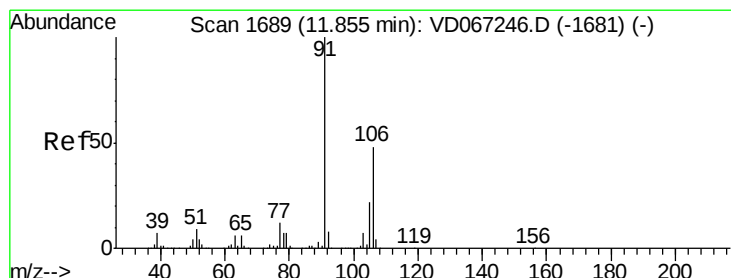
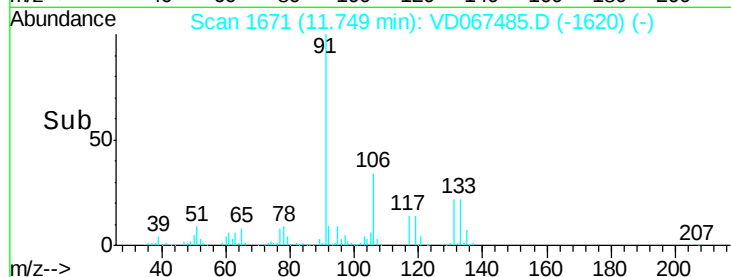
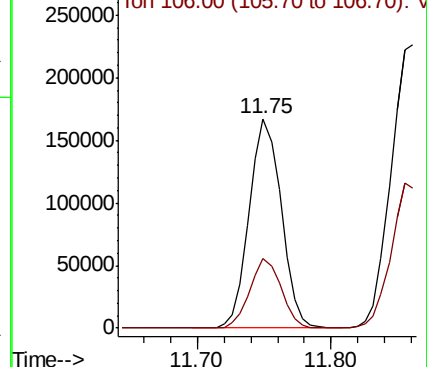
Ion Ratio Lower Upper

91 100

106 33.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 45.585 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD067485.D

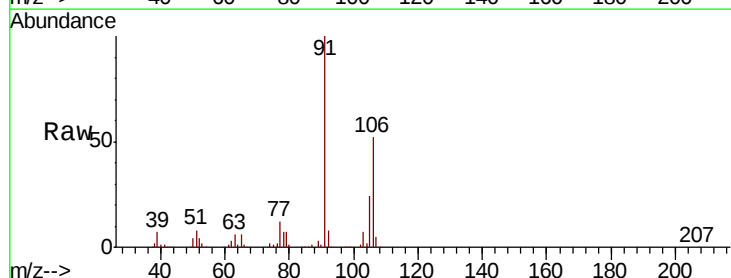
Acq: 02 Nov 2020 12:21

Tgt Ion: 106 Resp: 221324

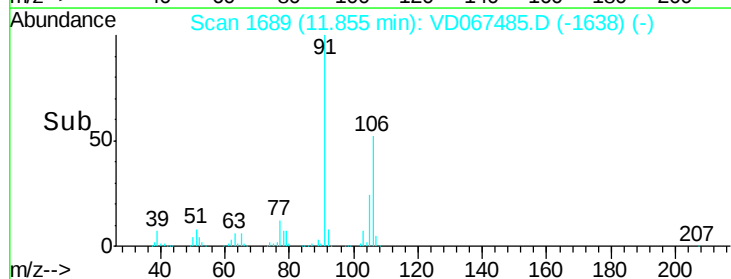
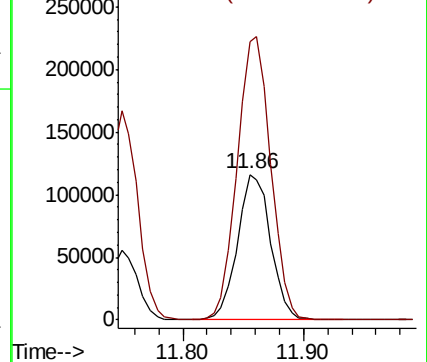
Ion Ratio Lower Upper

106 100

91 198.4 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): V

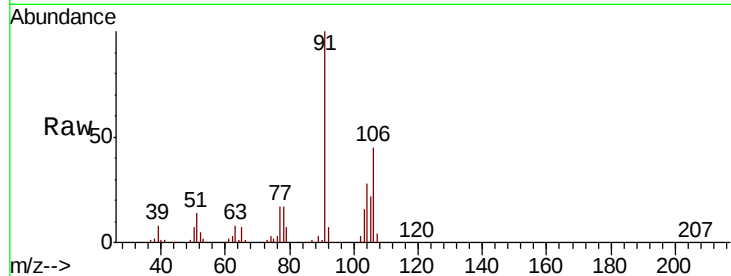




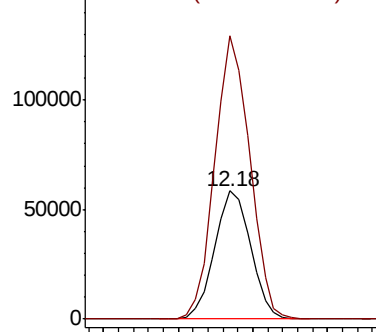
#69
o-Xylene
Concen: 21.804 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

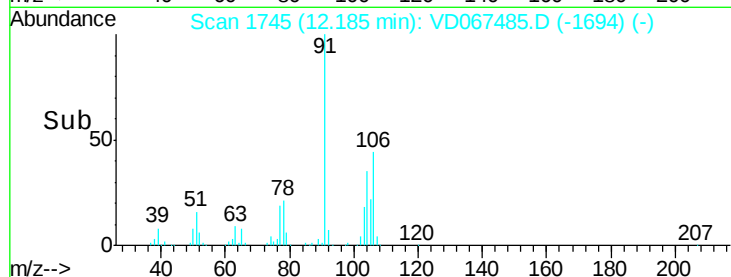
Tot Ion:106 Resp: 98028
Ion Ratio Lower Upper
106 100
91 214.7 109.1 327.3



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

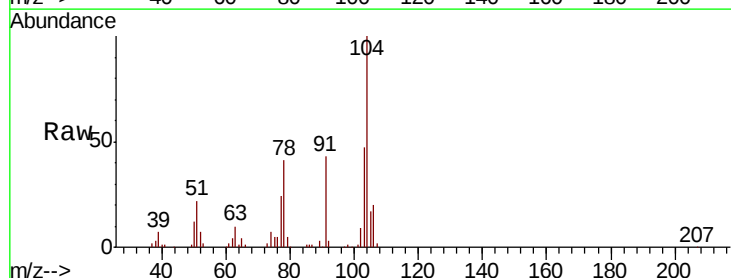


Time--> 12.10 12.15 12.20 12.25

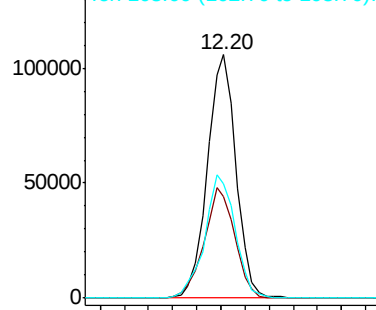


#70
Styrene
Concen: 22.584 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

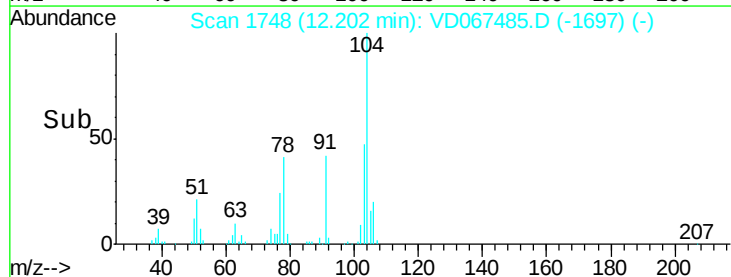
Tgt Ion:104 Resp: 174788
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.6
103 53.8 42.6 64.0

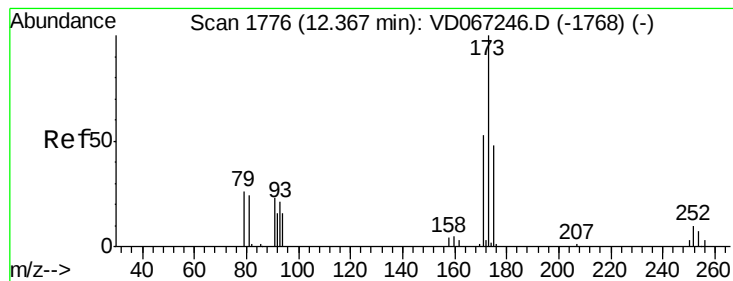


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



Time--> 12.10 12.20 12.30





#71

Bromoform

Concen: 21.093 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

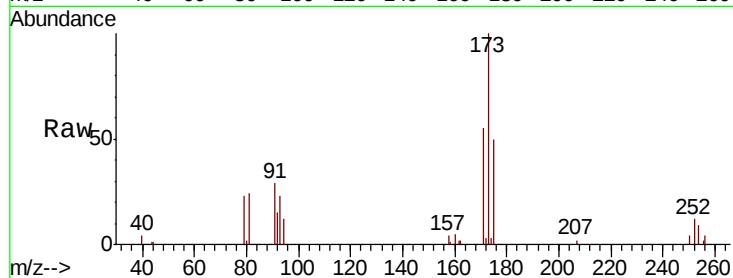
Tot Ion:173 Resp: 33126

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

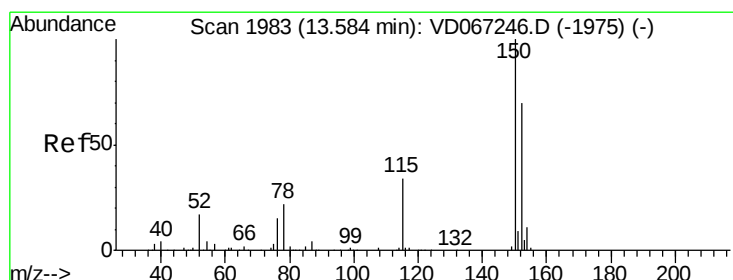
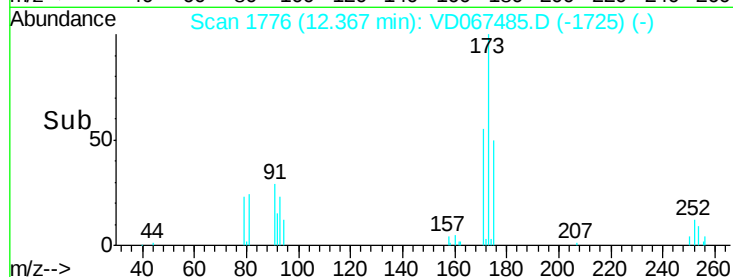
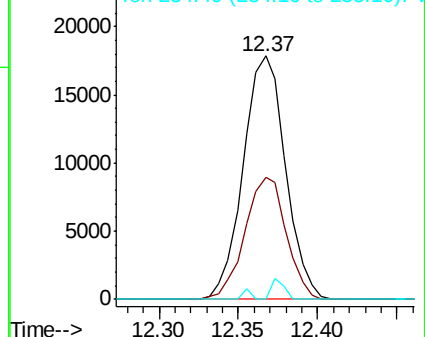
254 2.7 0.1 0.1#



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: VD067485.D

Acq: 02 Nov 2020 12:21

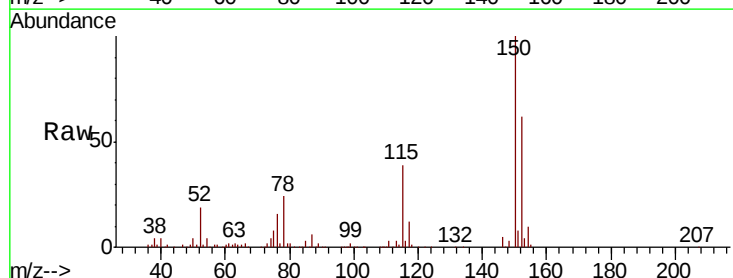
Tgt Ion:152 Resp: 193963

Ion Ratio Lower Upper

152 100

115 60.0 29.3 87.9

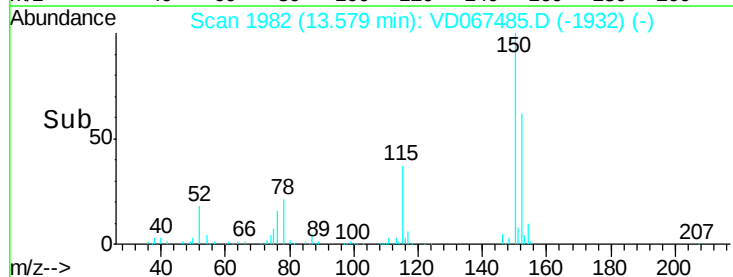
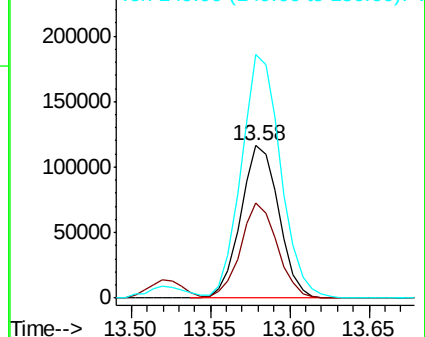
150 165.0 0.0 339.0

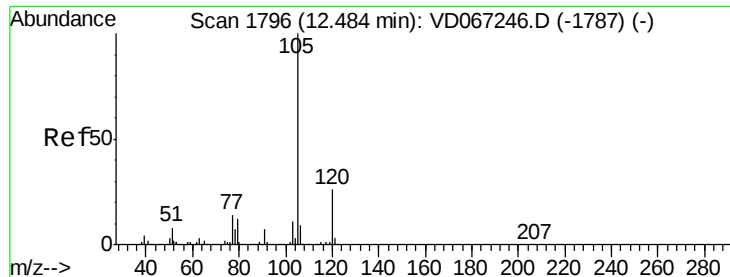


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.047 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

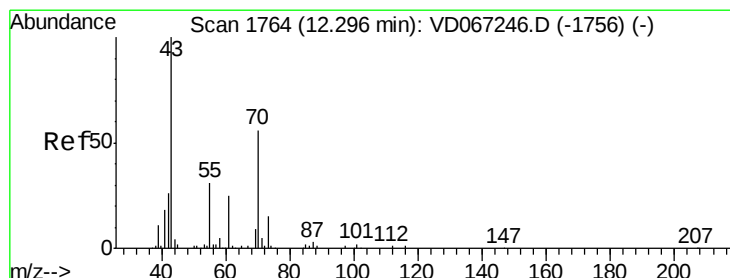
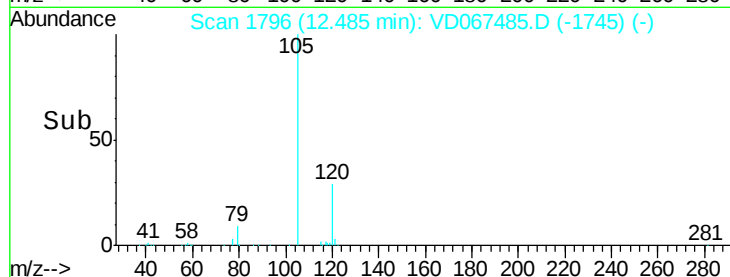
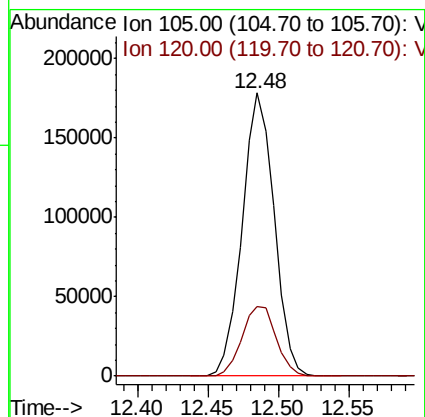
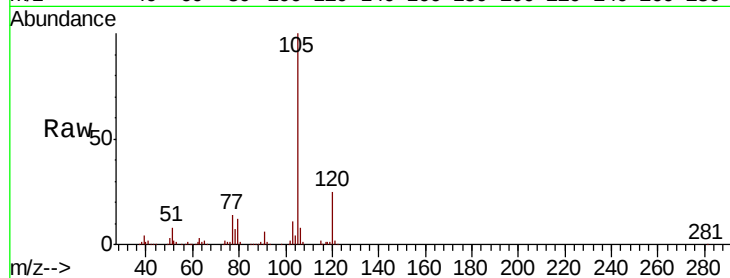
VD1102SBS01

Tot Ion: 105 Resp: 283711

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.8



#74

N-ethyl acetate

Concen: 19.868 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Tgt Ion: 43 Resp: 36940

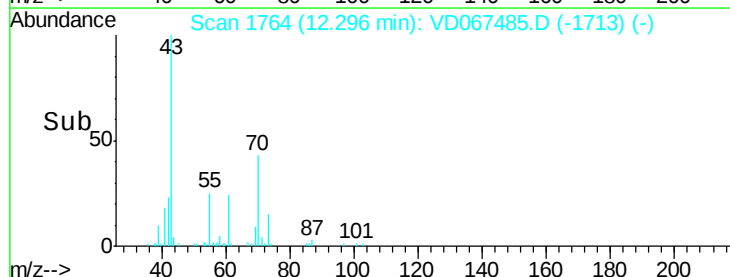
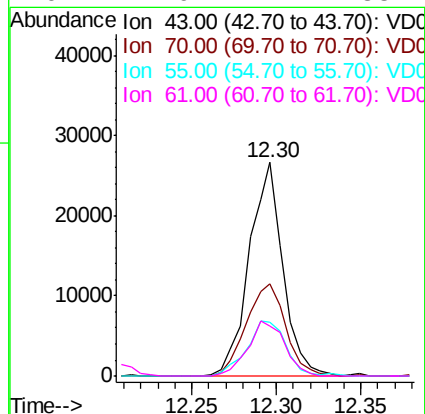
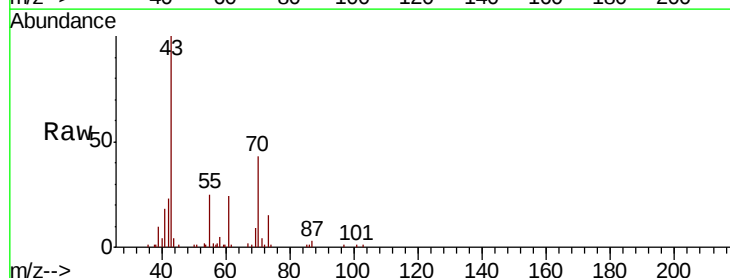
Ion Ratio Lower Upper

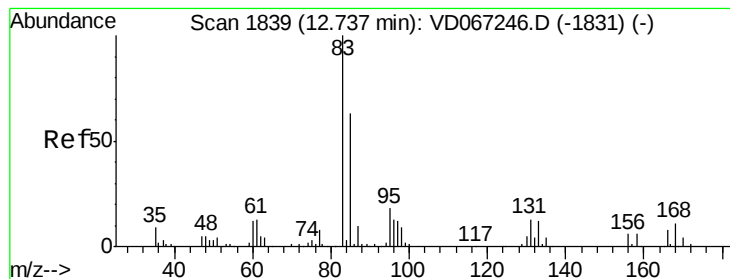
43 100

70 50.5 42.7 64.1

55 30.3 24.0 36.0

61 27.9 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.093 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

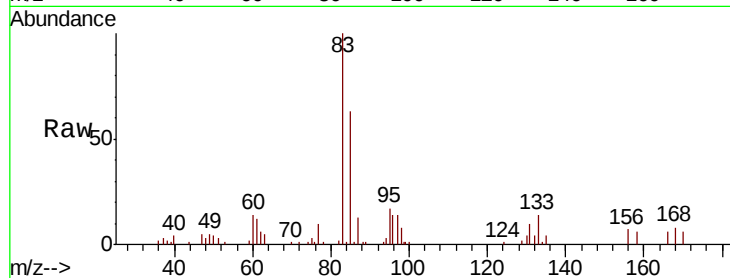
Tot Ion: 83 Resp: 39786

Ion Ratio Lower Upper

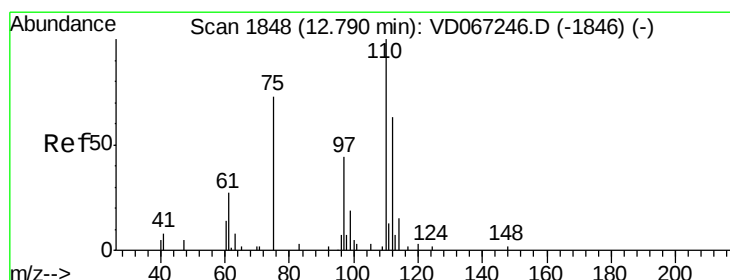
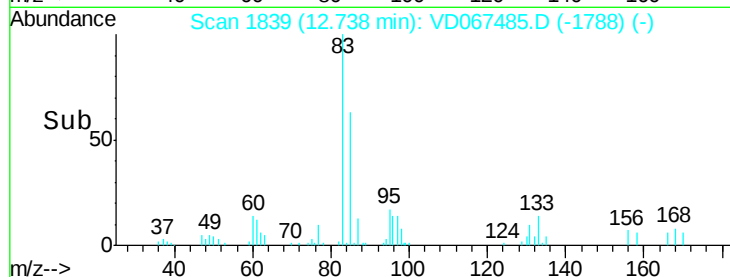
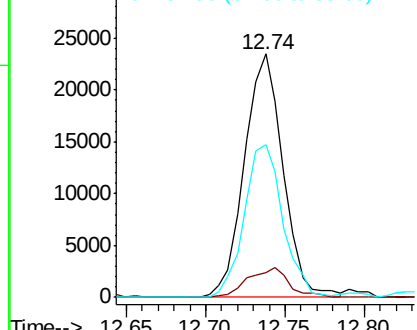
83 100

131 13.0 6.5 19.5

85 62.4 32.6 97.7



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



#76

1,2,3-Trichloropropane

Concen: 41.101 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.00 min

Lab File: VD067485.D

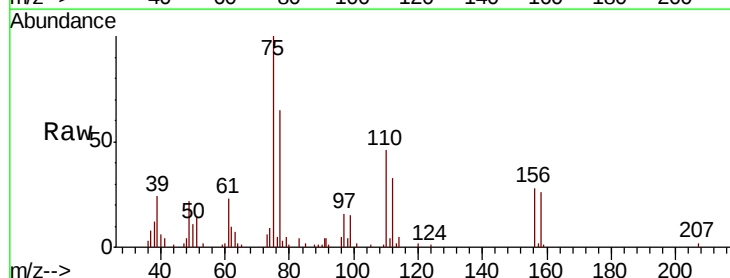
Acq: 02 Nov 2020 12:21

Tgt Ion: 75 Resp: 55254

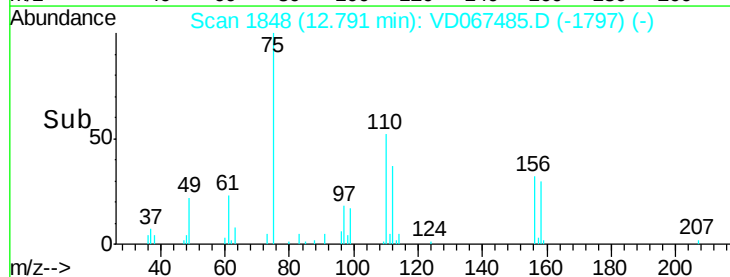
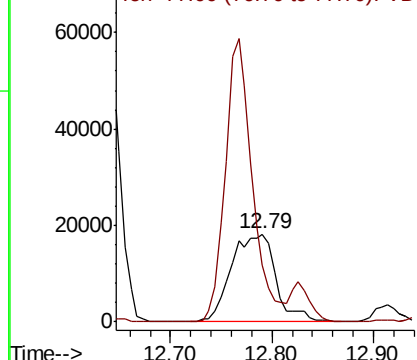
Ion Ratio Lower Upper

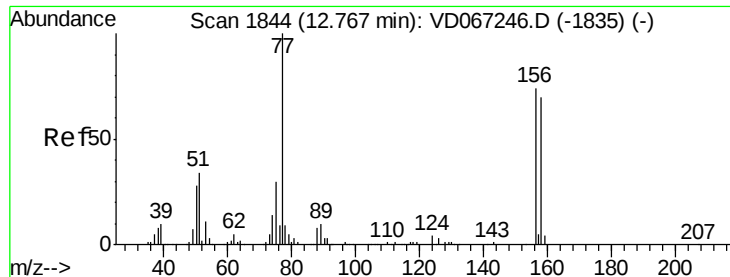
75 100

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: 22.613 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

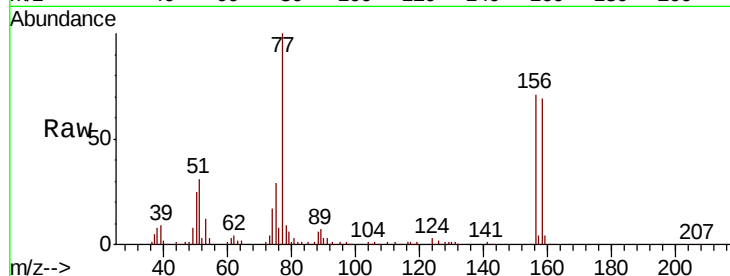
Tot Ion:156 Resp: 69400

Ion Ratio Lower Upper

156 100

77 157.7 78.0 233.8

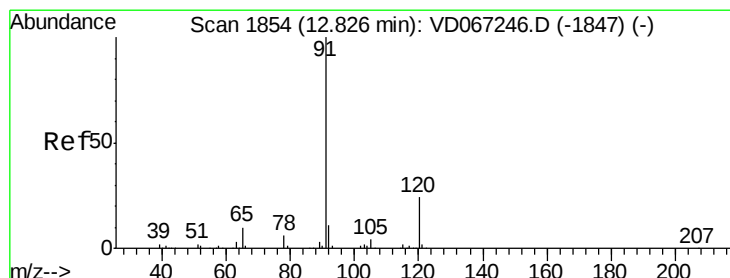
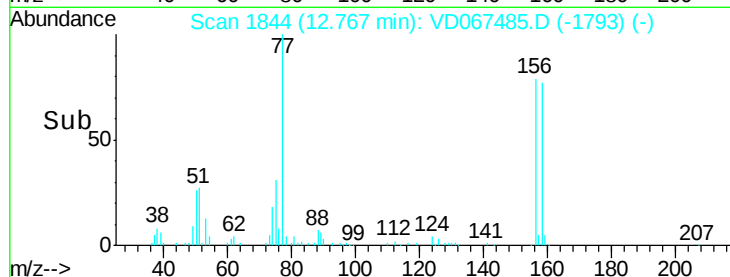
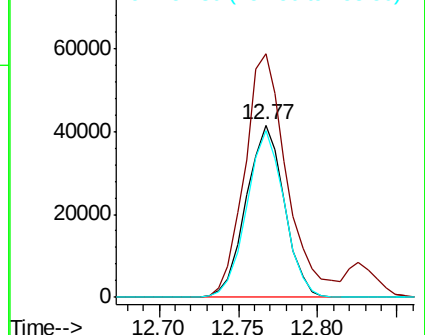
158 95.6 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.662 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067485.D

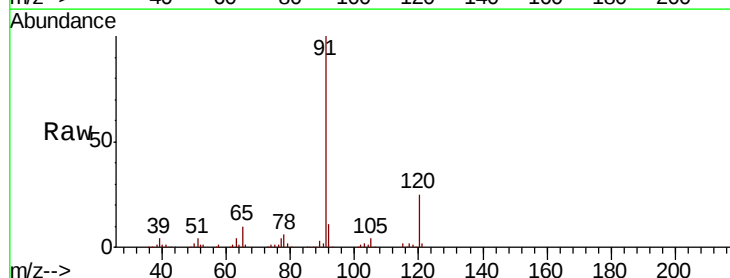
Acq: 02 Nov 2020 12:21

Tgt Ion: 91 Resp: 323227

Ion Ratio Lower Upper

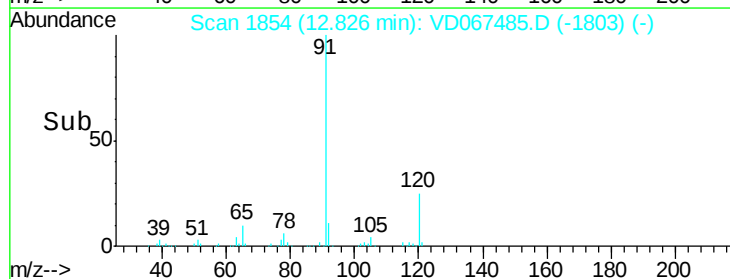
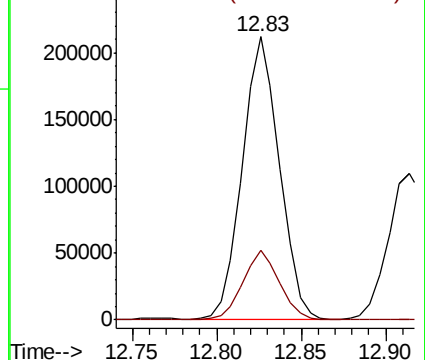
91 100

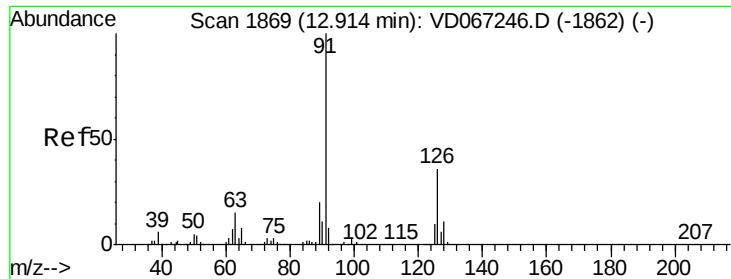
120 24.1 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

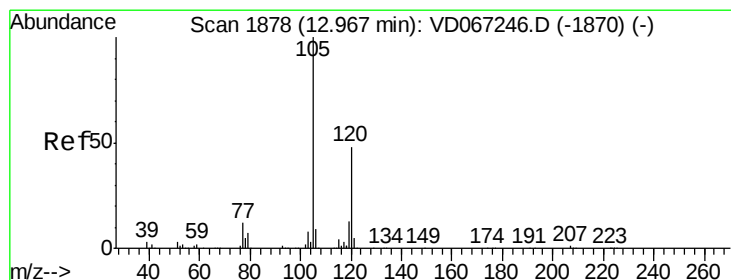
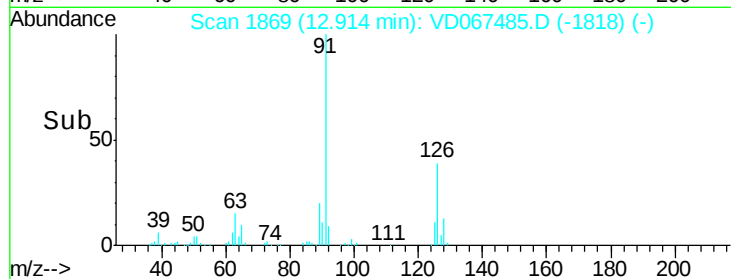
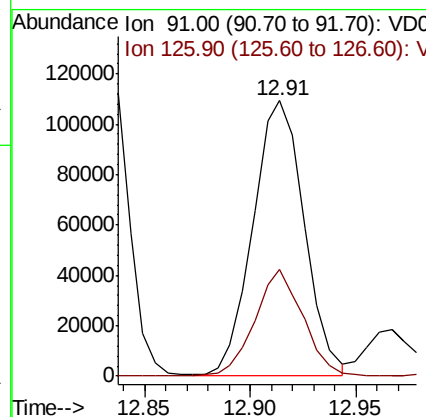
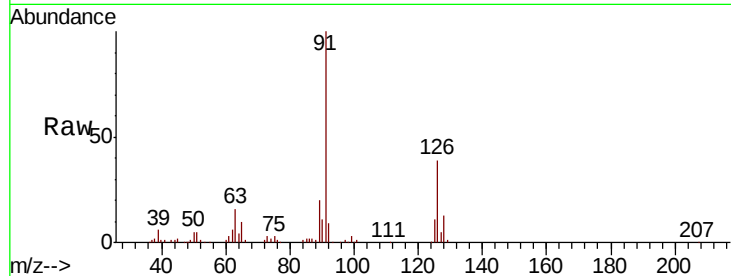




#79
 2-Chlorotoluene
 Concen: 22.205 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

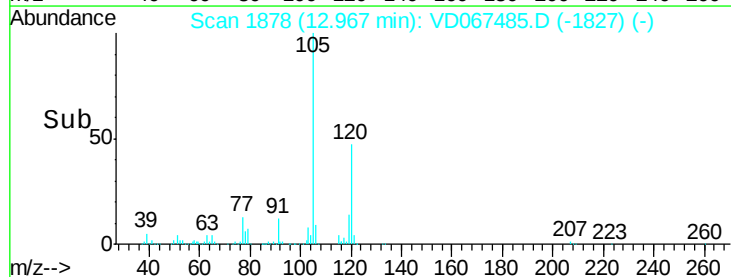
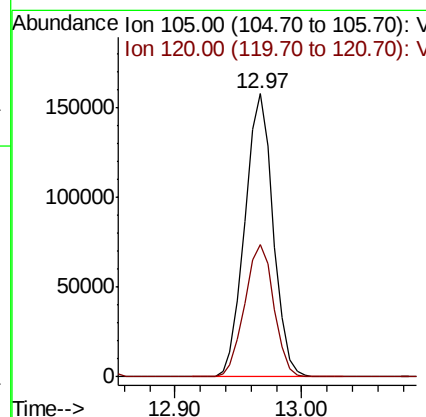
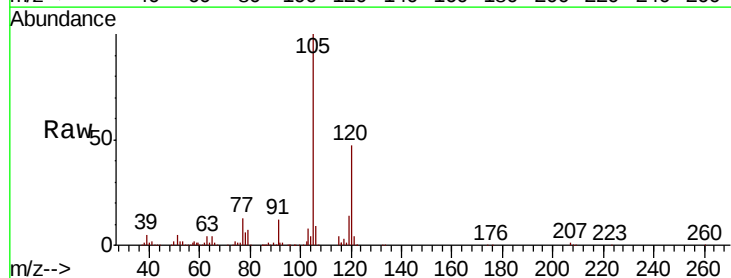
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

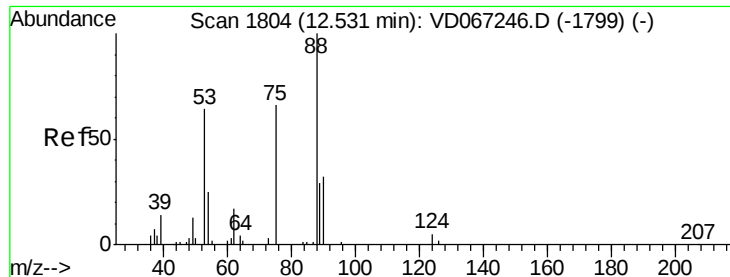
Tot Ion: 91 Resp: 183665
 Ion Ratio Lower Upper
 91 100
 126 36.4 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 22.803 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 105 Resp: 243930
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.544 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

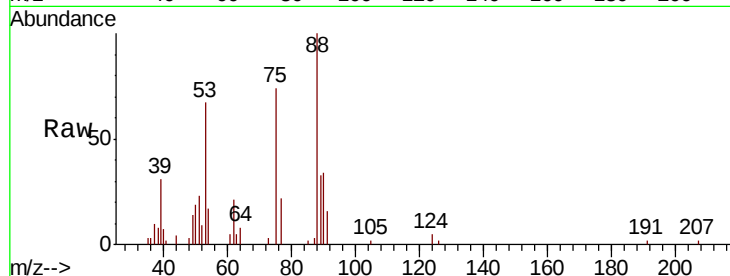
Tot Ion: 75 Resp: 12772

Ion Ratio Lower Upper

75 100

53 89.2 78.5 117.7

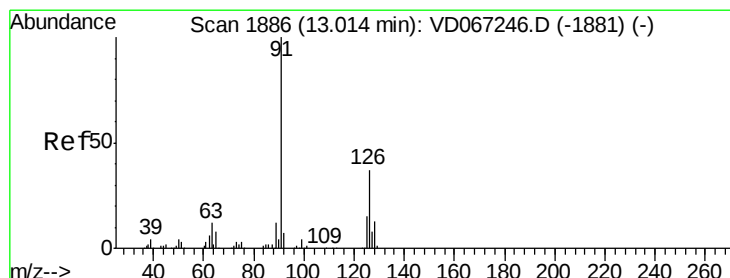
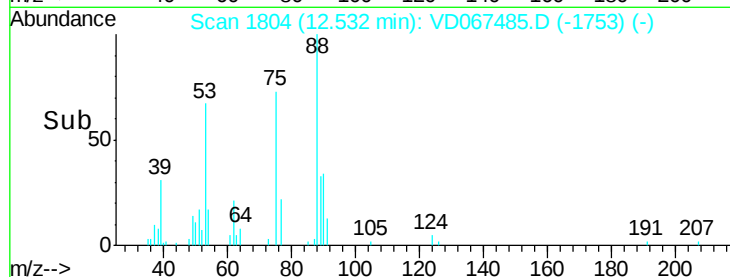
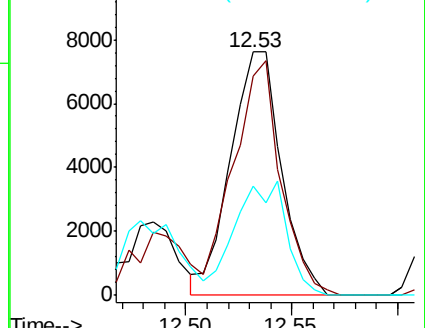
89 47.0 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 23.036 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VD067485.D

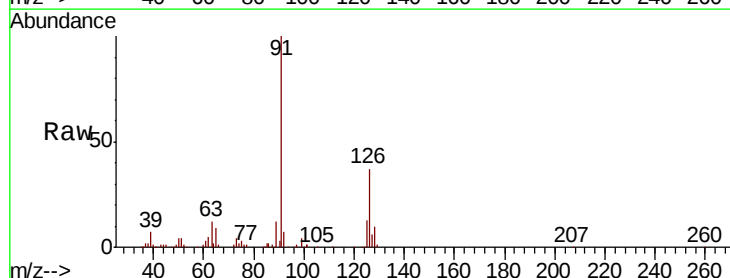
Acq: 02 Nov 2020 12:21

Tgt Ion: 91 Resp: 202232

Ion Ratio Lower Upper

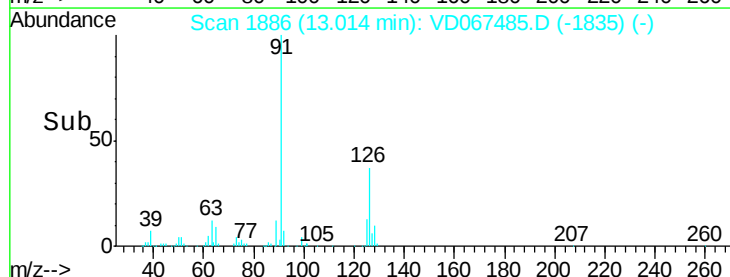
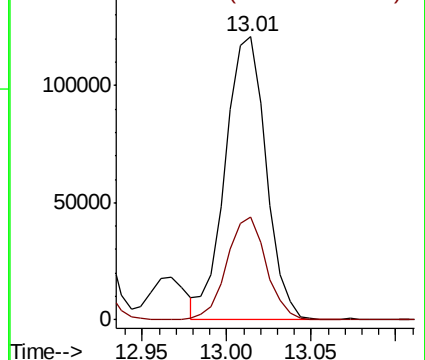
91 100

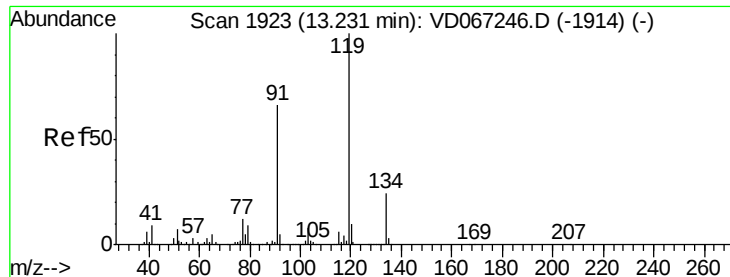
126 35.3 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

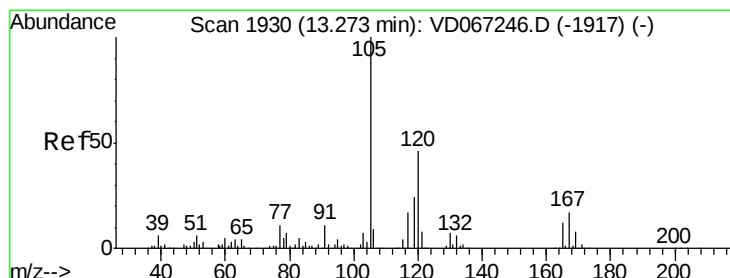
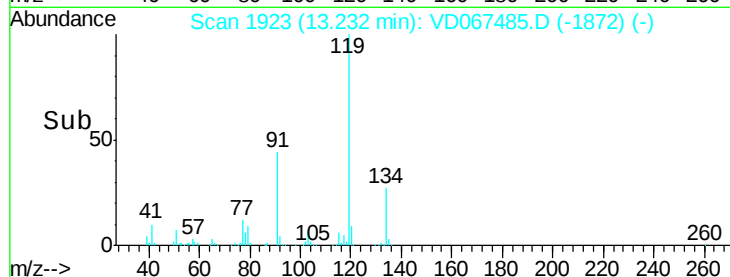
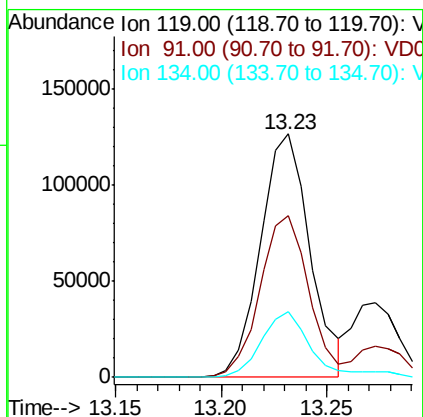
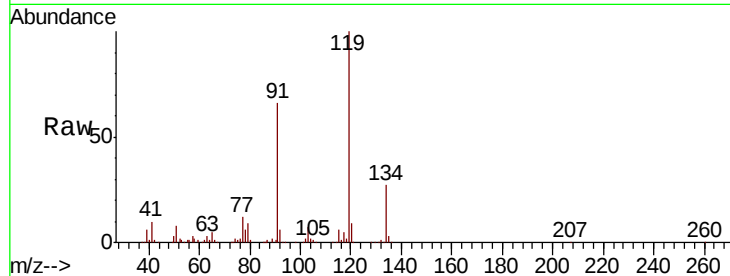




#83
 tert-Butylbenzene
 Concen: 22.920 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

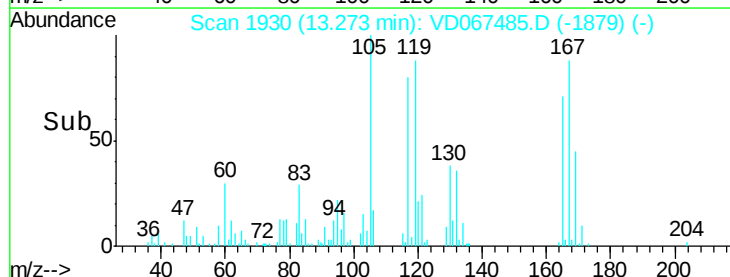
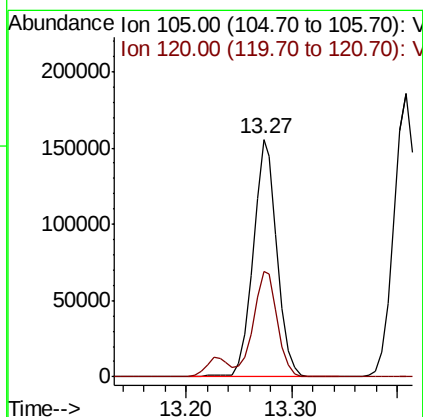
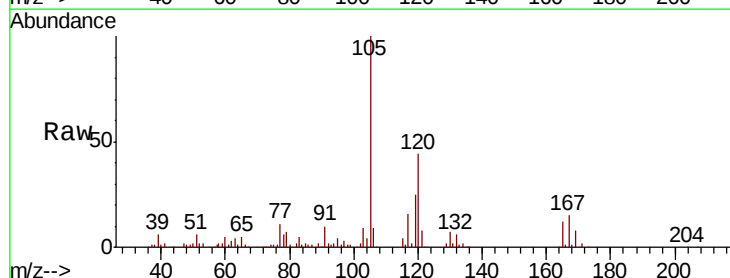
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

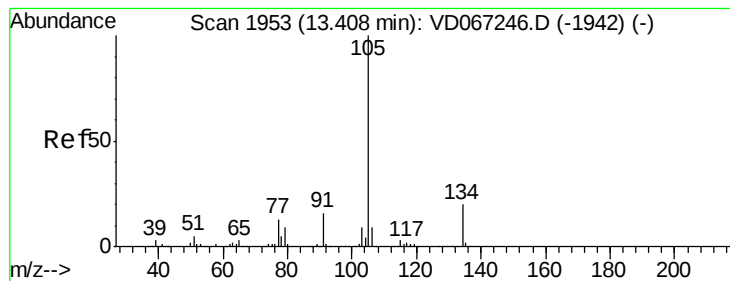
Tot Ion:119 Resp: 207114
 Ion Ratio Lower Upper
 119 100
 91 65.4 33.1 99.2
 134 27.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 23.044 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion:105 Resp: 243644
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.3





#85

sec-Butylbenzene

Concen: 22.911 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

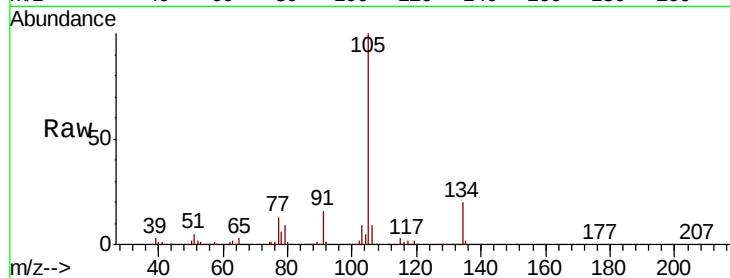
VD1102SBS01

Tot Ion:105 Resp: 284074

Ion Ratio Lower Upper

105 100

134 21.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

200000

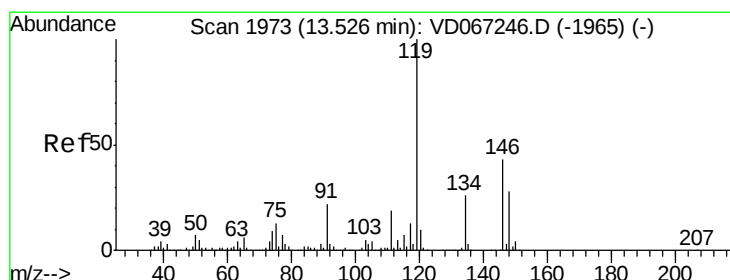
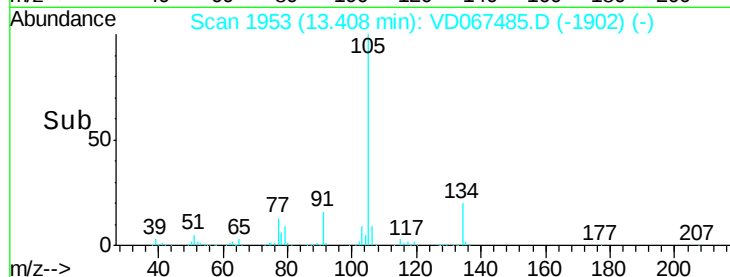
150000

100000

50000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 23.080 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

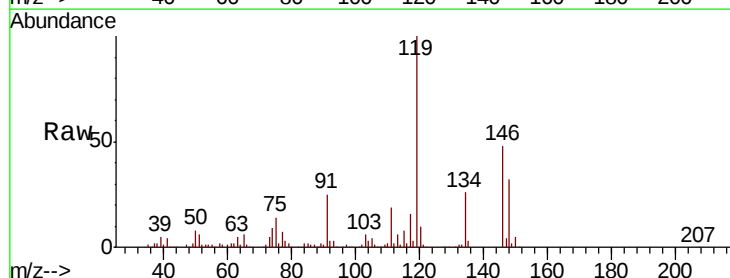
Tgt Ion:119 Resp: 270110

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.6 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

200000

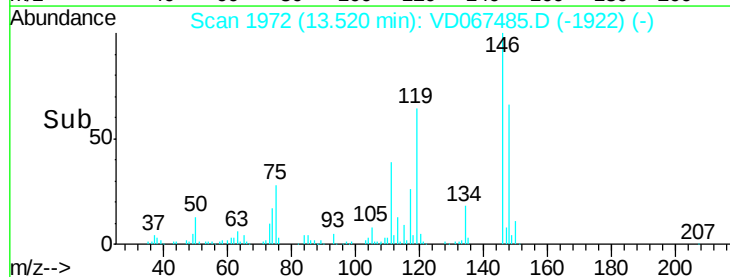
150000

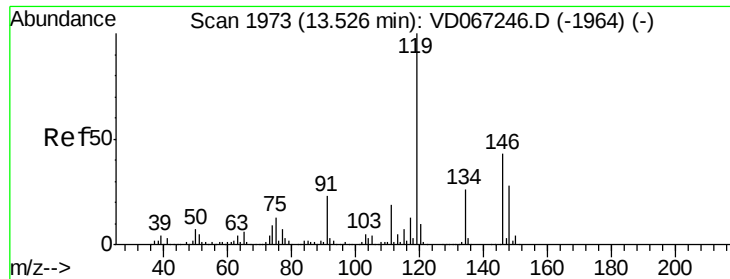
100000

50000

0

Time--> 13.45 13.50 13.55 13.60

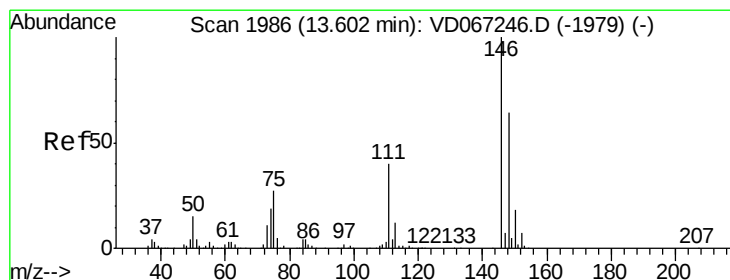
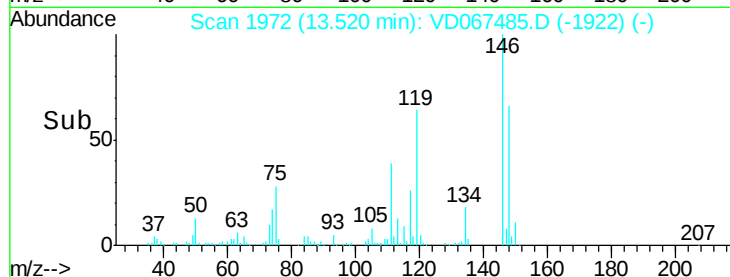
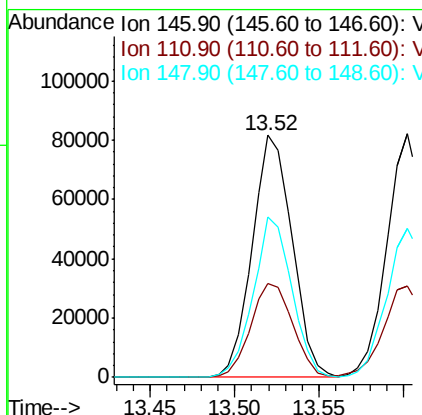
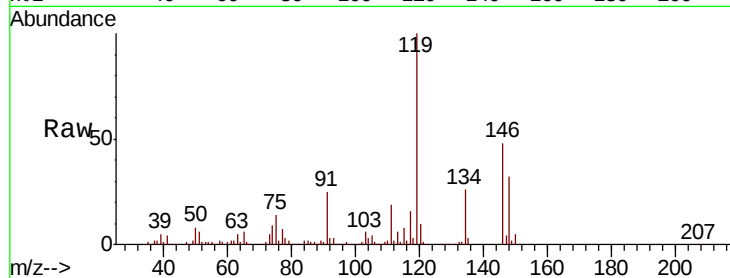




#87
 1,3-Dichlorobenzene
 Concen: 22.763 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

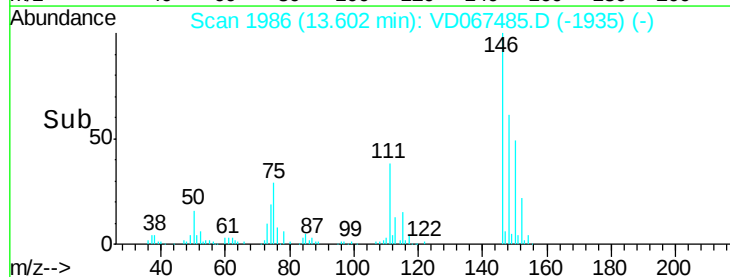
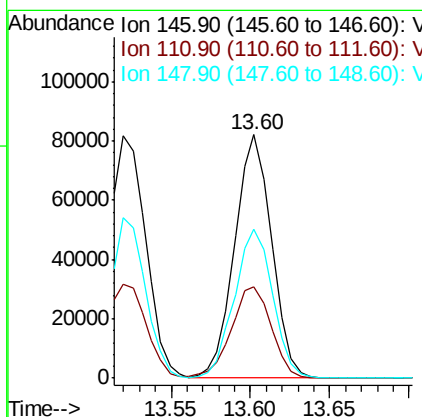
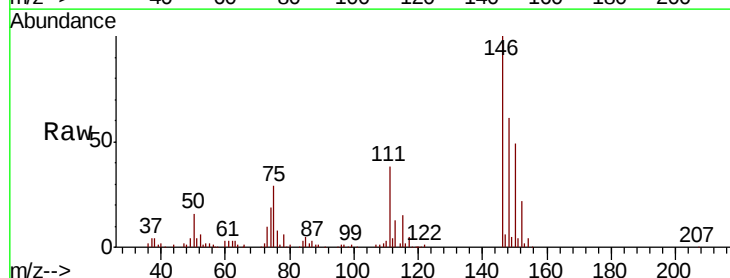
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

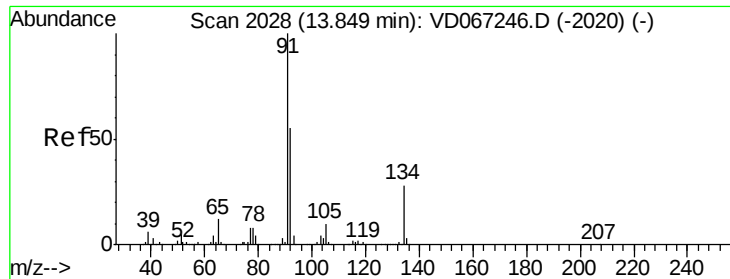
Tot Ion:146 Resp: 134465
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.1 63.3
 148 63.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 22.745 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion:146 Resp: 133118
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.9 59.7
 148 63.6 31.9 95.9

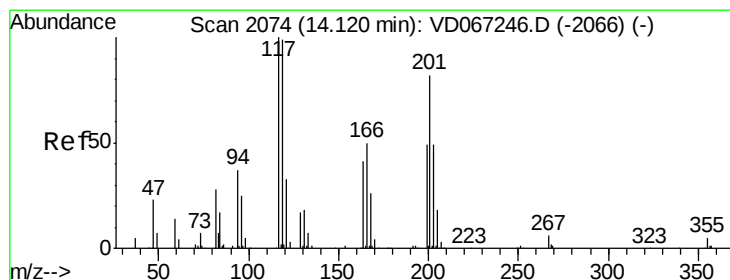
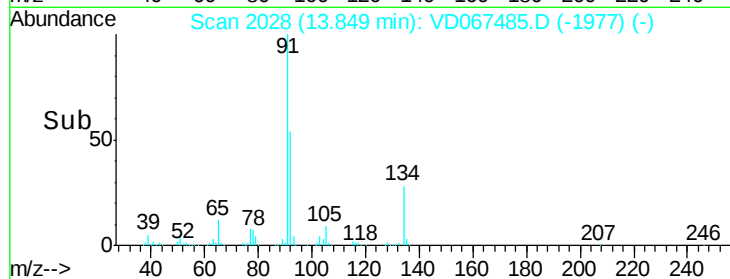
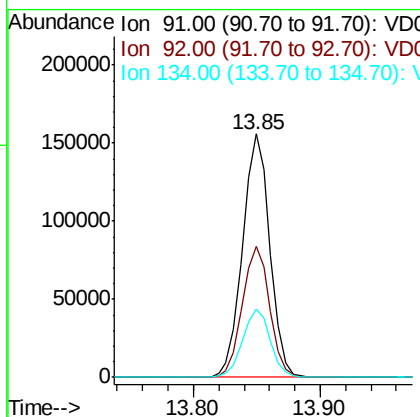
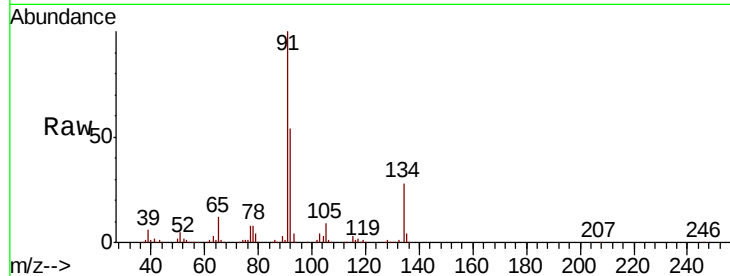




#89
n-Butylbenzene
Concen: 22.525 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

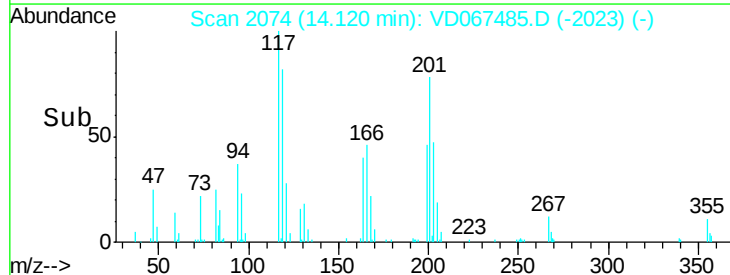
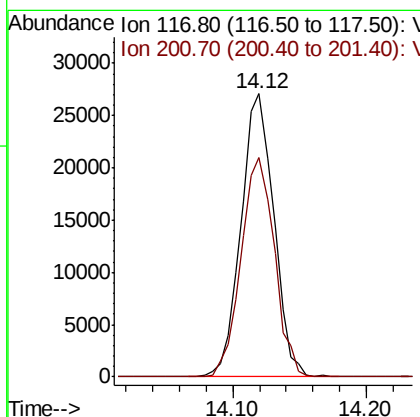
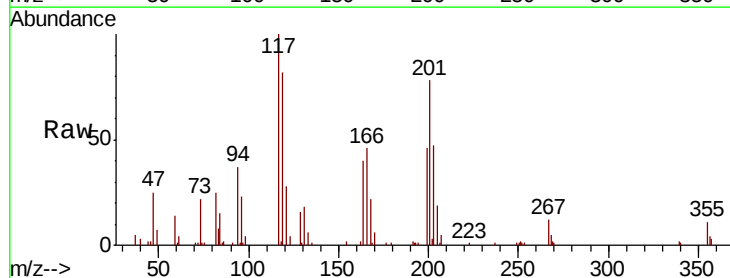
Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

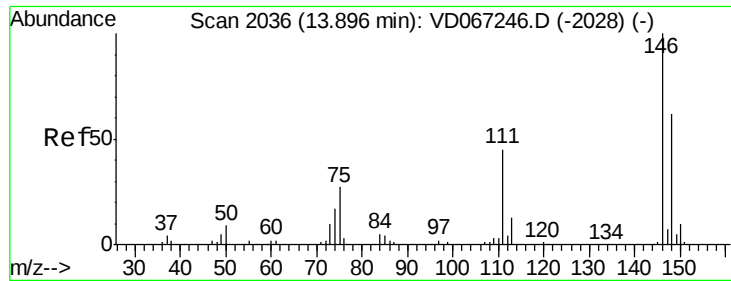
Tot Ion: 91 Resp: 231913
Ion Ratio Lower Upper
91 100
92 53.8 26.7 80.0
134 28.3 14.2 42.6



#90
Hexachloroethane
Concen: 22.520 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD067485.D
Acq: 02 Nov 2020 12:21

Tgt Ion: 117 Resp: 45991
Ion Ratio Lower Upper
117 100
201 78.9 40.8 122.2

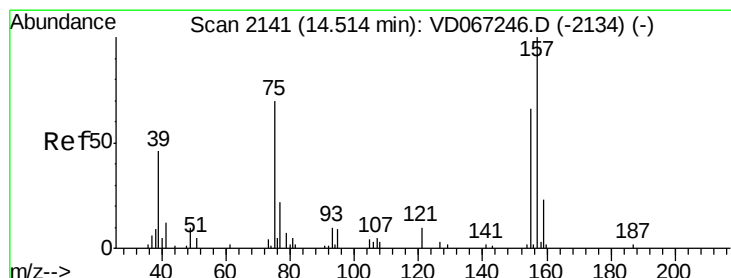
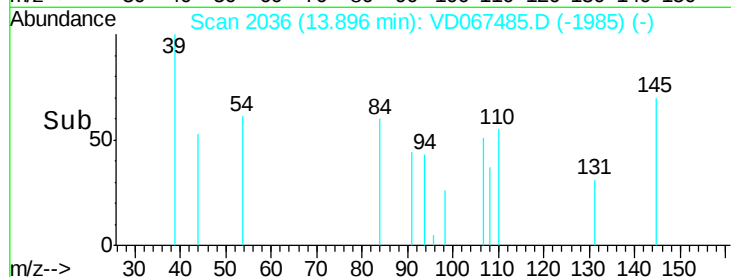
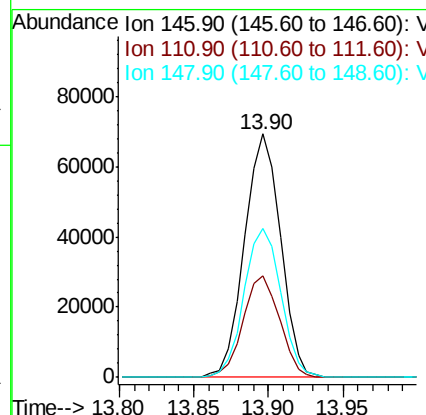
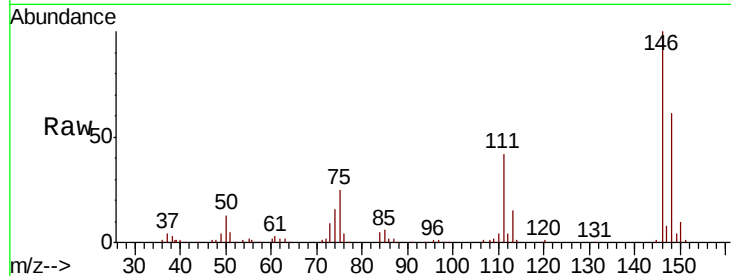




#91
 1,2-Dichlorobenzene
 Concen: 22.508 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

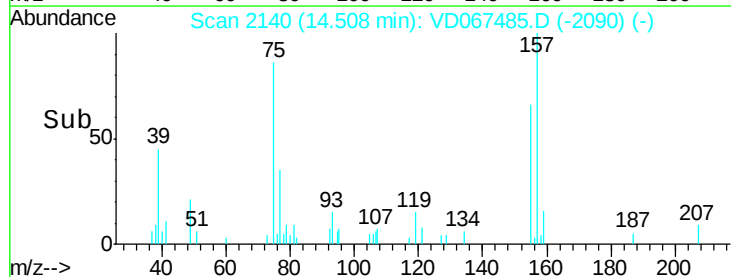
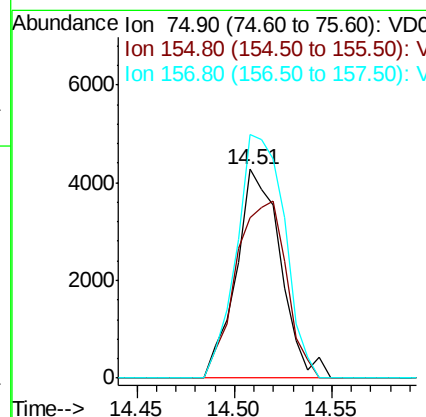
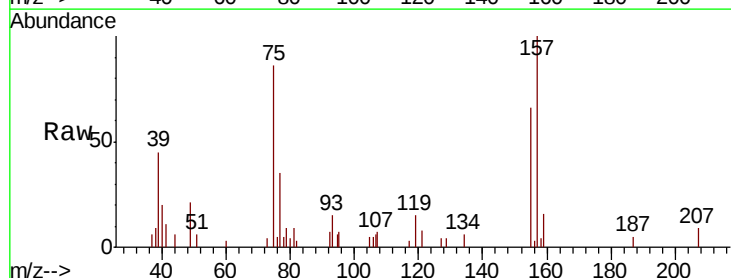
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

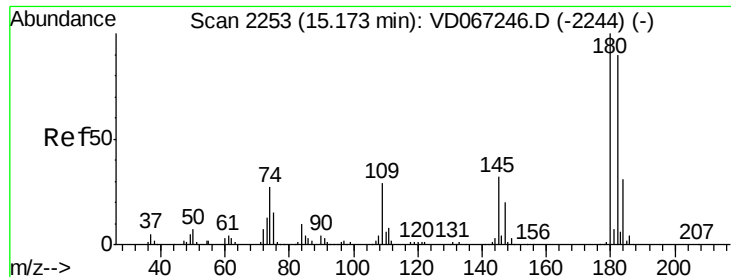
Tot Ion:146 Resp: 116154
 Ion Ratio Lower Upper
 146 100
 111 42.2 22.0 66.0
 148 62.5 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.684 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion: 75 Resp: 6745
 Ion Ratio Lower Upper
 75 100
 155 96.0 44.8 134.4
 157 125.5 62.5 187.4

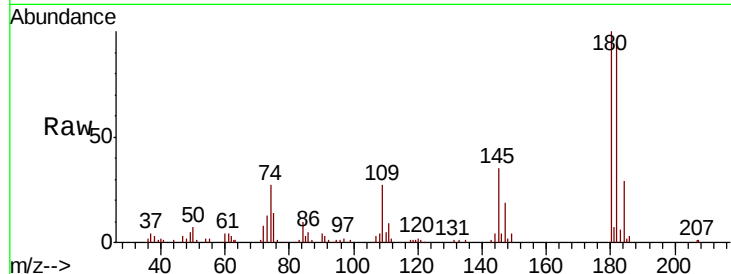




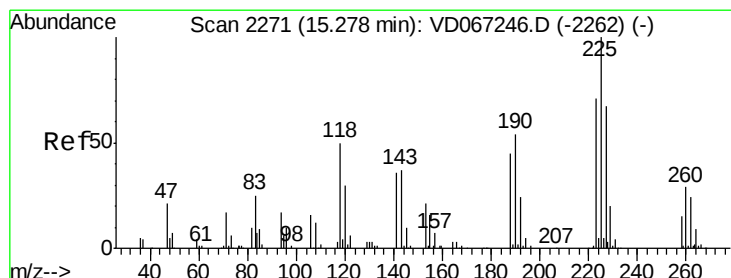
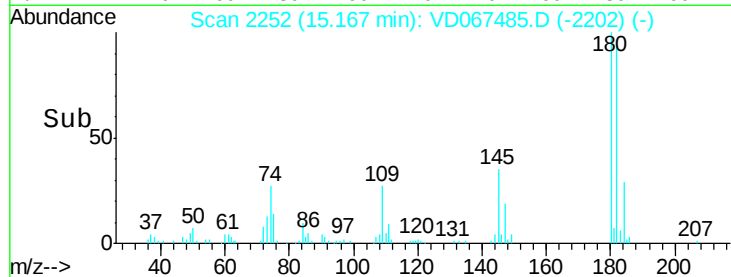
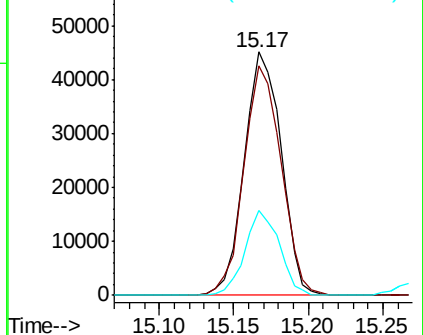
#93
 1,2,4-Trichlorobenzene
 Concen: 22.207 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.4
145	32.5	16.3	48.9

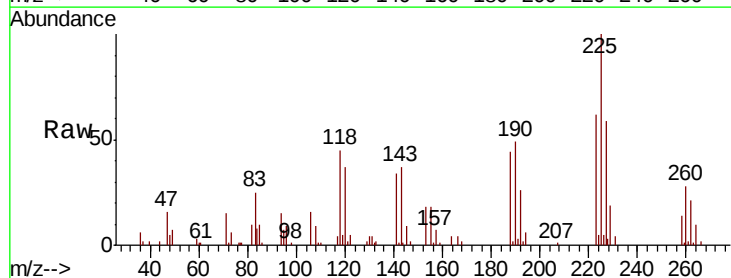


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

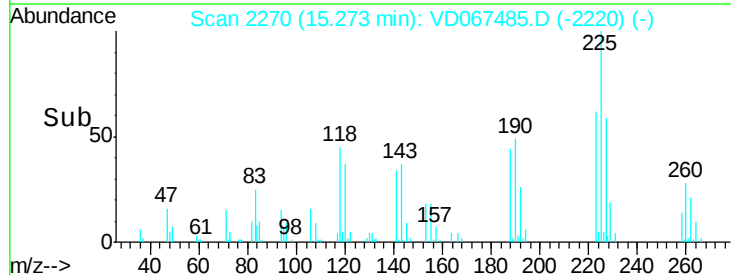
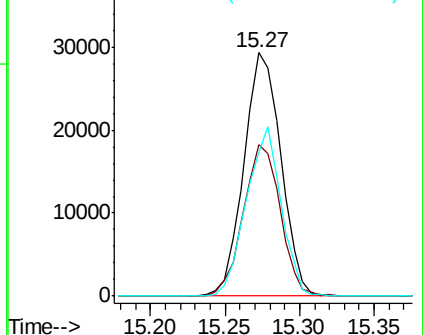


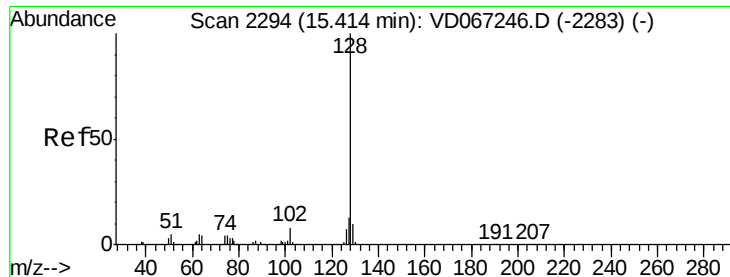
#94
 Hexachlorobutadiene
 Concen: 23.307 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: VD067485.D
 Acq: 02 Nov 2020 12:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.7
227	65.0	31.2	93.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.342 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD1102SBS01

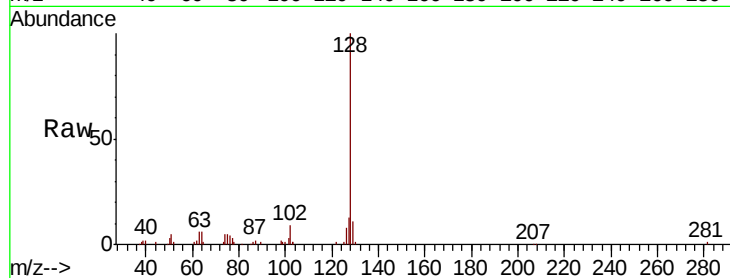
Tot Ion:128 Resp: 116201

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

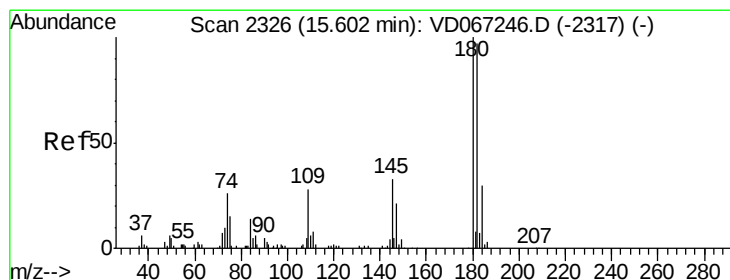
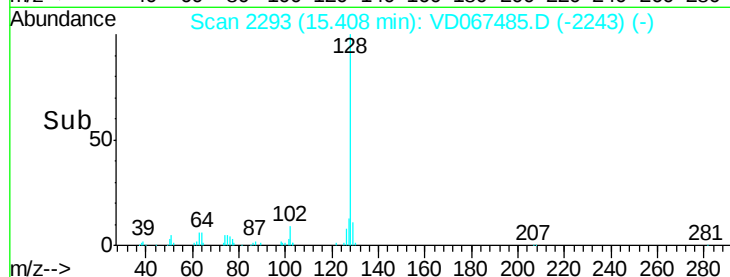
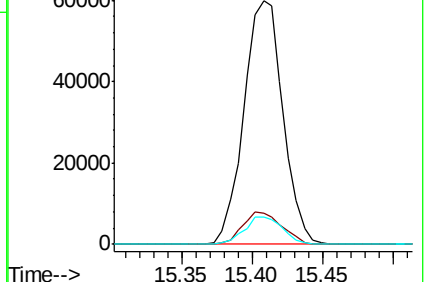
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.291 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VD067485.D

Acq: 02 Nov 2020 12:21

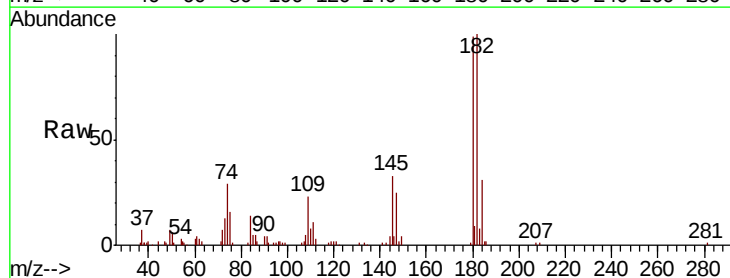
Tgt Ion:180 Resp: 63997

Ion Ratio Lower Upper

180 100

182 97.5 48.1 144.3

145 34.4 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

