

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100820\
 Data File : VD067185.D
 Acq On : 08 Oct 2020 10:57
 Operator : VA/SY
 Sample : VD1008SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

Quant Time: Oct 08 16:18:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	357945	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	537828	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	501211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	253425	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	170010	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	7.92	113	184252	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	
50) Toluene-d8	10.34	98	668268	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.64	95	234928	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	81001	25.700	ug/l	96
3) Chloromethane	2.21	50	53720	18.845	ug/l	98
4) Vinyl Chloride	2.35	62	53861	18.844	ug/l	98
5) Bromomethane	2.76	94	43023	20.825	ug/l	98
6) Chloroethane	2.92	64	34707	19.939	ug/l	99
7) Trichlorofluoromethane	3.27	101	137643	21.675	ug/l	94
8) Diethyl Ether	3.71	74	30591	19.426	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	75807	21.120	ug/l	99
10) Methyl Iodide	4.30	142	60679	17.398	ug/l	94
11) Tert butyl alcohol	5.21	59	14291	27.479	ug/l #	94
12) 1,1-Dichloroethene	4.06	96	67381	19.969	ug/l	94
13) Acrolein	3.92	56	16380	70.953	ug/l	89
14) Allyl chloride	4.71	41	77935	17.779	ug/l	92
15) Acrylonitrile	5.42	53	54023	93.210	ug/l	94
16) Acetone	4.16	43	50361	95.690	ug/l	96
17) Carbon Disulfide	4.41	76	195989	18.926	ug/l	99
18) Methyl Acetate	4.71	43	23218	17.553	ug/l	91
19) Methyl tert-butyl Ether	5.47	73	125793	20.422	ug/l	91
20) Methylene Chloride	4.96	84	87053	18.764	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	77998	20.312	ug/l	96
22) Diisopropyl ether	6.37	45	150406	18.795	ug/l	95
23) Vinyl Acetate	6.30	43	404629	89.228	ug/l	97
24) 1,1-Dichloroethane	6.26	63	120313	19.481	ug/l	98
25) 2-Butanone	7.21	43	63065	84.519	ug/l	93
26) 2,2-Dichloropropane	7.21	77	123610	21.015	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	83115	20.266	ug/l	98
28) Bromochloromethane	7.54	49	38565	16.169	ug/l	83
29) Tetrahydrofuran	7.56	42	36701	85.542	ug/l	88
30) Chloroform	7.71	83	141849	21.173	ug/l	96
31) Cyclohexane	7.98	56	93021	17.966	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	138482	22.303	ug/l	96
36) 1,1-Dichloropropene	8.11	75	103421	20.630	ug/l	95
37) Ethyl Acetate	7.29	43	33290	19.169	ug/l	95
38) Carbon Tetrachloride	8.10	117	129729	23.917	ug/l	94

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 Sample : VD1008SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

Quant Time: Oct 08 16:18:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	106426	20.080	ug/l	98
40) Benzene	8.36	78	284124	20.405	ug/l	97
41) Methacrylonitrile	7.53	41	19915	21.226	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	86425	22.212	ug/l	98
43) Isopropyl Acetate	8.45	43	58673	18.339	ug/l #	59
44) Trichloroethene	9.11	130	91906	22.104	ug/l	96
45) 1,2-Dichloropropane	9.39	63	65548	20.035	ug/l	95
46) Dibromomethane	9.47	93	40990	21.799	ug/l	99
47) Bromodichloromethane	9.66	83	109358	22.373	ug/l	93
48) Methyl methacrylate	9.46	41	28811	17.578	ug/l #	73
49) 1,4-Dioxane	9.47	88	7824	398.667	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	153620	96.398	ug/l	100
52) Toluene	10.40	92	201041	22.413	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	93596	21.425	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	114009	21.372	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	54665	20.910	ug/l	96
56) Ethyl methacrylate	10.66	69	59032	21.871	ug/l	95
57) 1,3-Dichloropropane	10.95	76	89897	21.205	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	147637	98.274	ug/l	95
59) 2-Hexanone	10.98	43	105517	99.204	ug/l	98
60) Dibromochloromethane	11.14	129	79937	22.941	ug/l	100
61) 1,2-Dibromoethane	11.24	107	55344	22.035	ug/l	98
64) Tetrachloroethene	10.87	164	80899	22.202	ug/l	92
65) Chlorobenzene	11.67	112	220855	22.155	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	84830	22.372	ug/l	98
67) Ethyl Benzene	11.75	91	377403	22.096	ug/l	100
68) m/p-Xylenes	11.86	106	298259	44.808	ug/l	97
69) o-Xylene	12.18	106	131071	22.020	ug/l	95
70) Styrene	12.20	104	230202	22.522	ug/l	100
71) Bromoform	12.36	173	45669	23.202	ug/l #	97
73) Isopropylbenzene	12.48	105	371582	21.594	ug/l	100
74) N-amyl acetate	12.29	43	54477	17.611	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.74	83	56613	19.527	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	76793	34.789	ug/l #	100
77) Bromobenzene	12.76	156	93757	22.564	ug/l	90
78) n-propylbenzene	12.83	91	435737	21.426	ug/l	97
79) 2-Chlorotoluene	12.91	91	250055	21.491	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	319876	22.002	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	17293	19.531	ug/l	97
82) 4-Chlorotoluene	13.01	91	265927	21.481	ug/l	100
83) tert-Butylbenzene	13.23	119	275078	22.468	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	319243	22.003	ug/l	100
85) sec-Butylbenzene	13.41	105	375376	21.772	ug/l	100
86) p-Isopropyltoluene	13.52	119	352256	22.037	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	176970	21.866	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	173302	21.415	ug/l	99
89) n-Butylbenzene	13.85	91	315213	21.577	ug/l	97
90) Hexachloroethane	14.12	117	59864	21.380	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	149898	21.207	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9388	20.087	ug/l	96

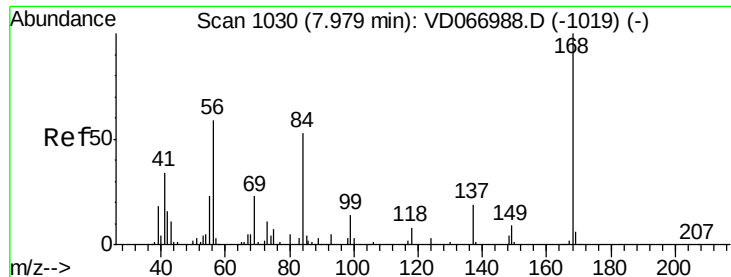
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD100820\
Data File : VD067185.D
Acq On : 08 Oct 2020 10:57
Operator : VA/SY
Sample : VD1008SBS01
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

Quant Time: Oct 08 16:18:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	103771	22.697	ug/l	98
94) Hexachlorobutadiene	15.28	225	61087	21.756	ug/l	98
95) Naphthalene	15.41	128	156421	20.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	88547	22.310	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

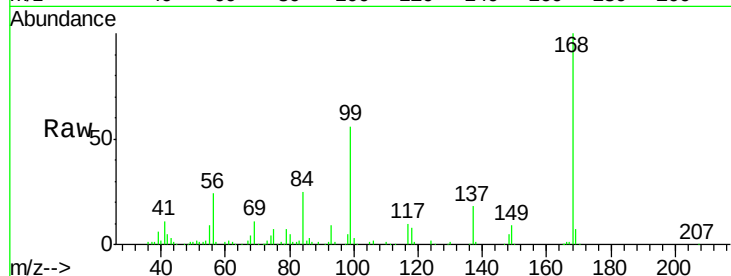
VD1008SBS01

Tgt Ion:168 Resp: 357945

Ion Ratio Lower Upper

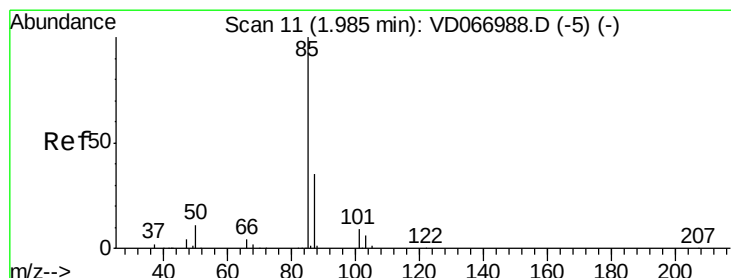
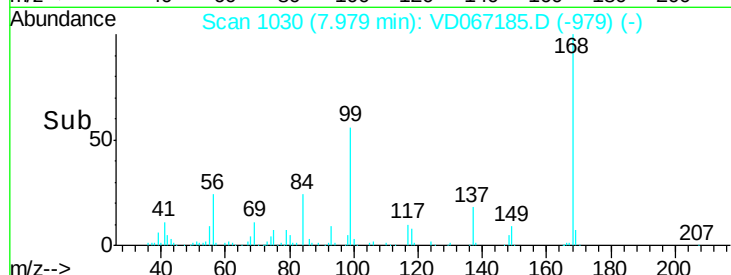
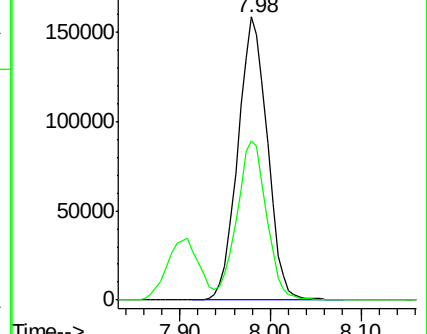
168 100

99 55.8 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 25.700 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067185.D

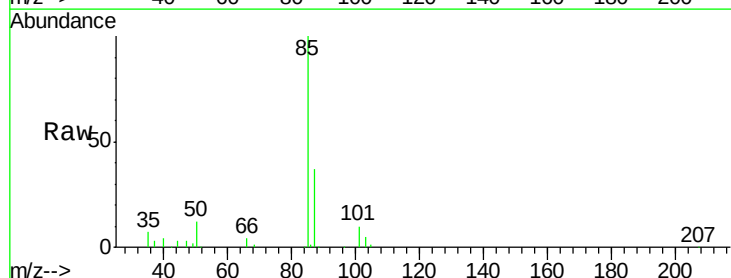
Acq: 08 Oct 2020 10:57

Tgt Ion: 85 Resp: 81001

Ion Ratio Lower Upper

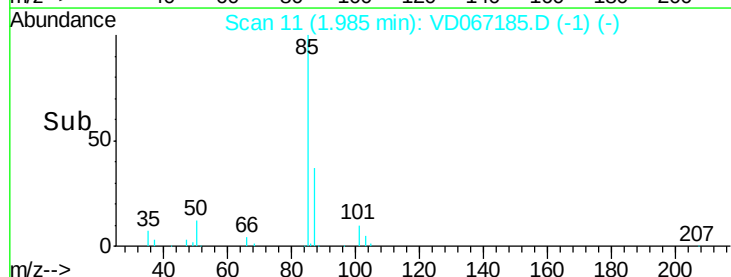
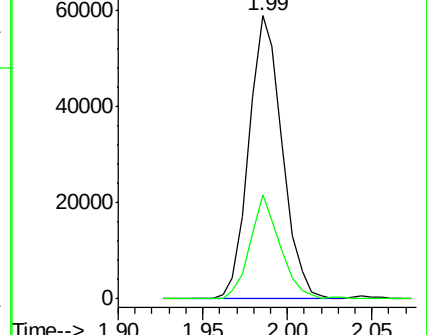
85 100

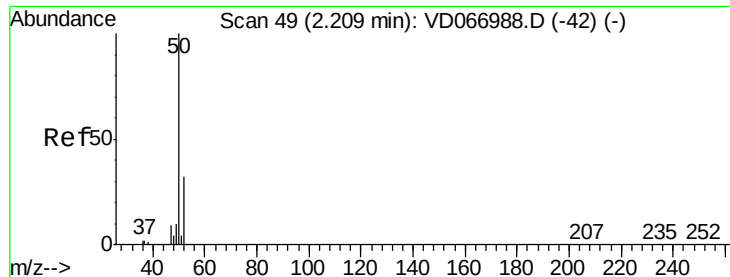
87 37.0 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.845 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

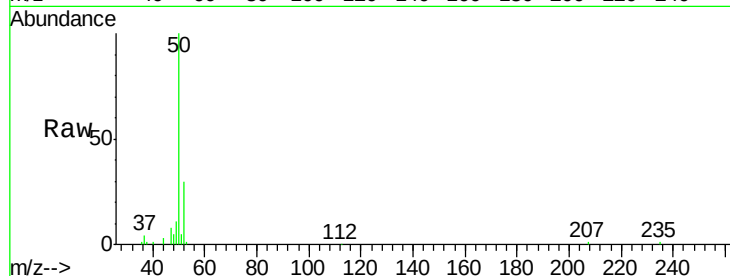
VD1008SBS01

Tgt Ion: 50 Resp: 53720

Ion Ratio Lower Upper

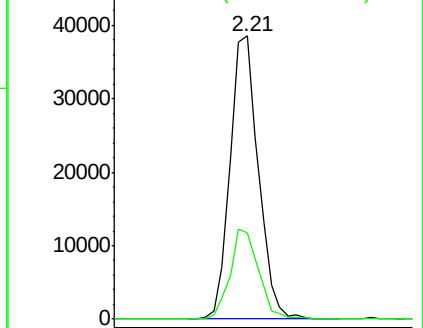
50 100

52 30.4 25.3 37.9

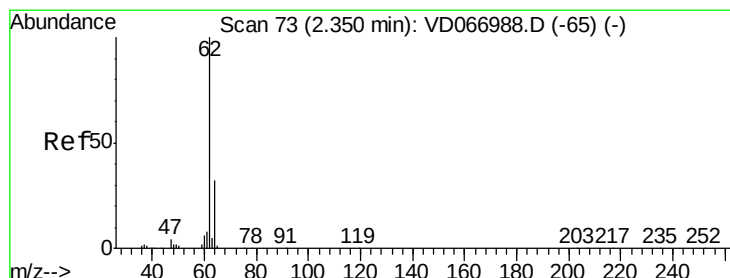
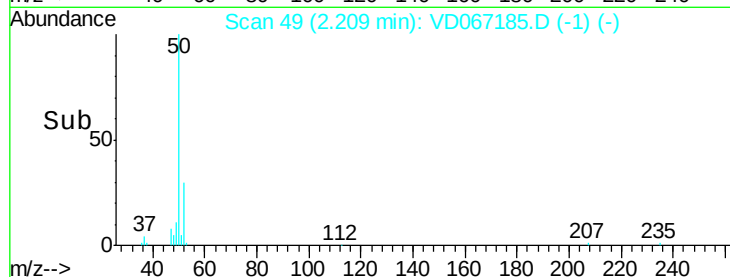


Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 18.844 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067185.D

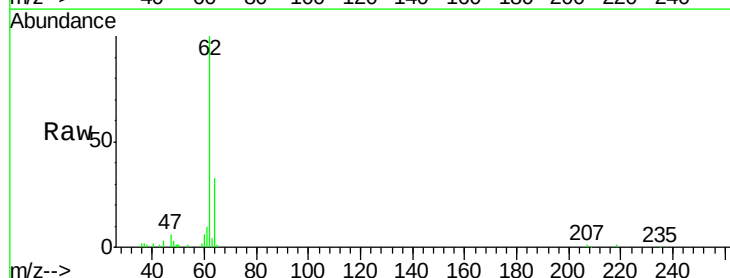
Acq: 08 Oct 2020 10:57

Tgt Ion: 62 Resp: 53861

Ion Ratio Lower Upper

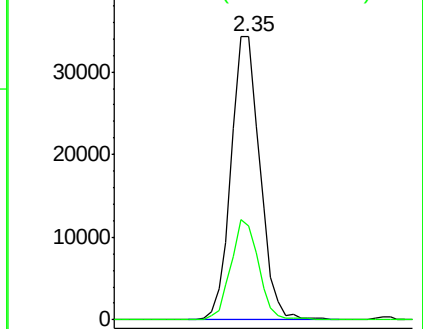
62 100

64 33.4 25.8 38.8

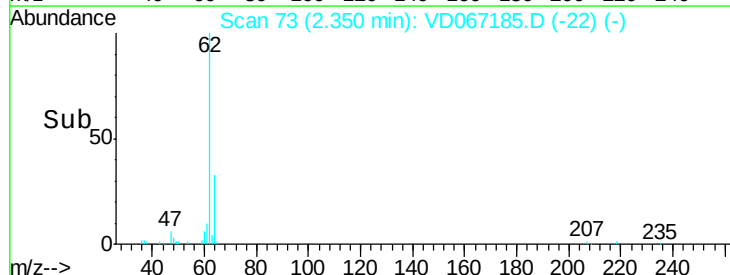


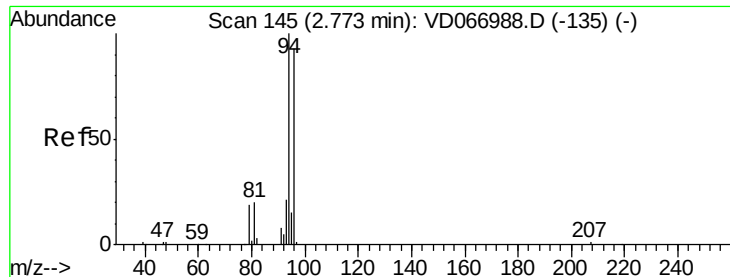
Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->





#5

Bromomethane

Concen: 20.825 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

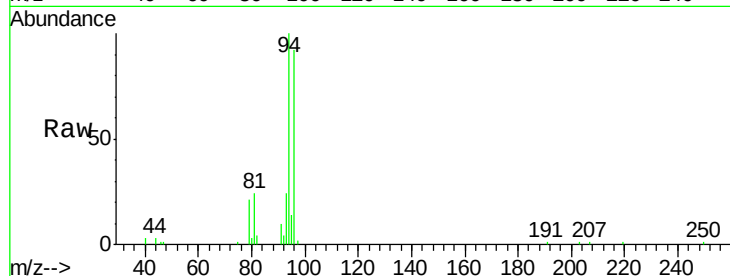
VD1008SBS01

Tgt Ion: 94 Resp: 43023

Ion Ratio Lower Upper

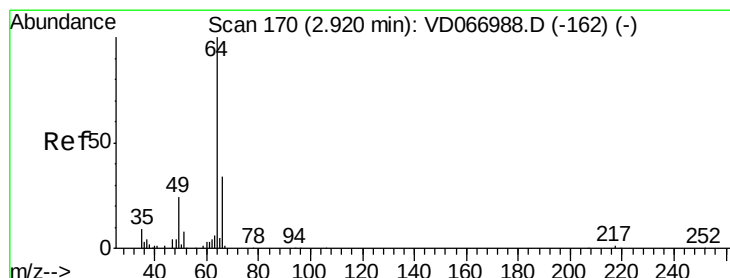
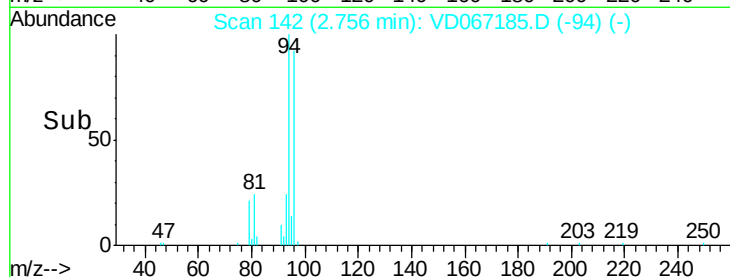
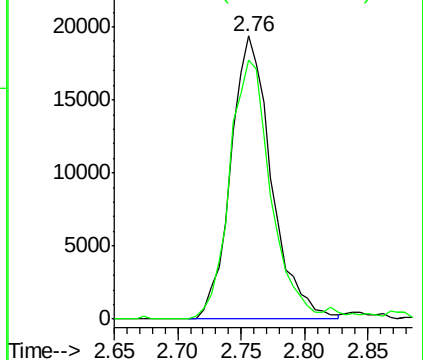
94 100

96 91.5 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.939 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067185.D

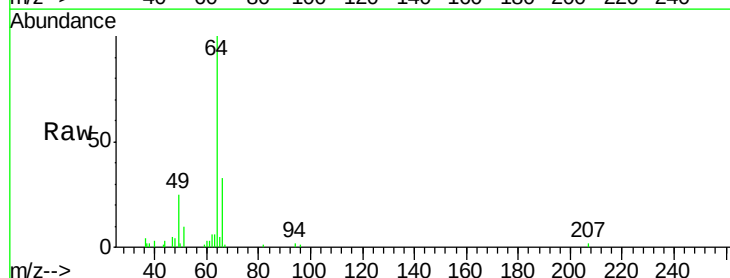
Acq: 08 Oct 2020 10:57

Tgt Ion: 64 Resp: 34707

Ion Ratio Lower Upper

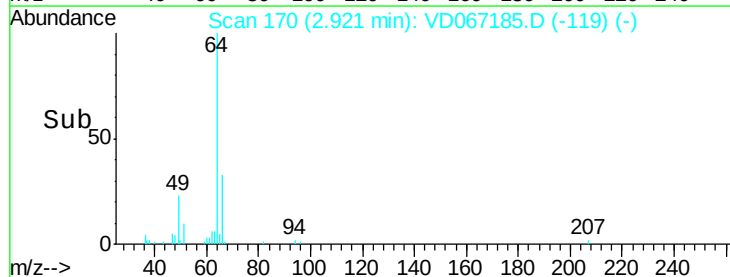
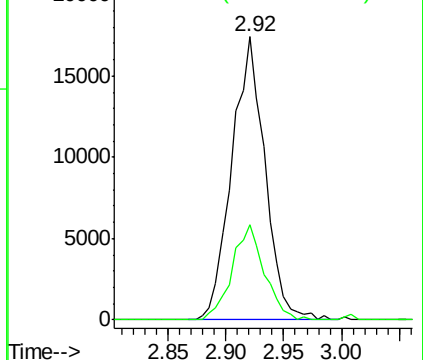
64 100

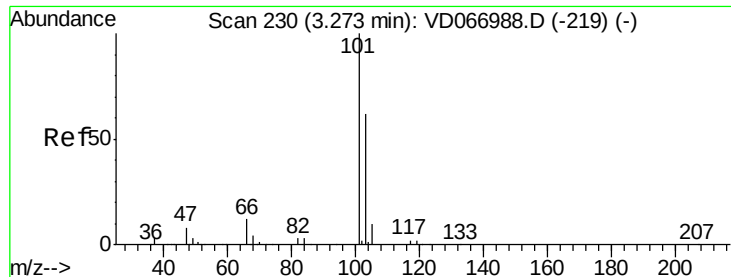
66 33.5 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



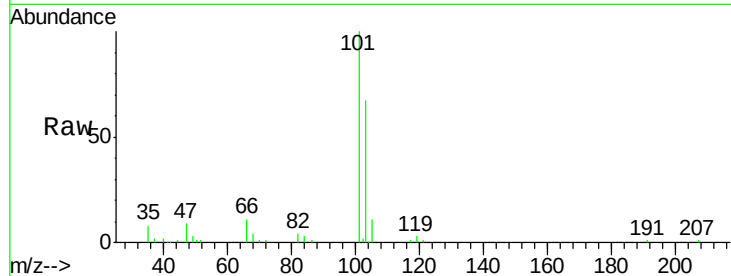


#7

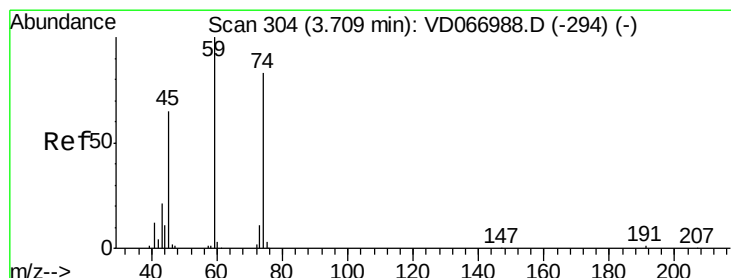
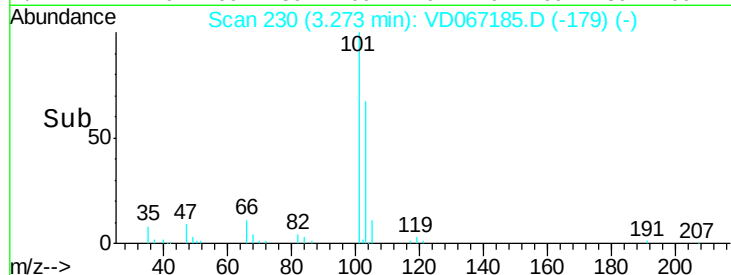
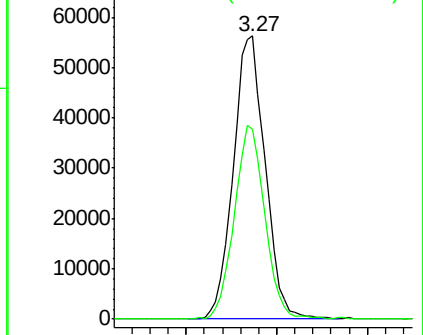
Trichlorofluoromethane
 Concen: 21.675 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

Tgt Ion:101 Resp: 137643
 Ion Ratio Lower Upper
 101 100
 103 67.3 49.8 74.8



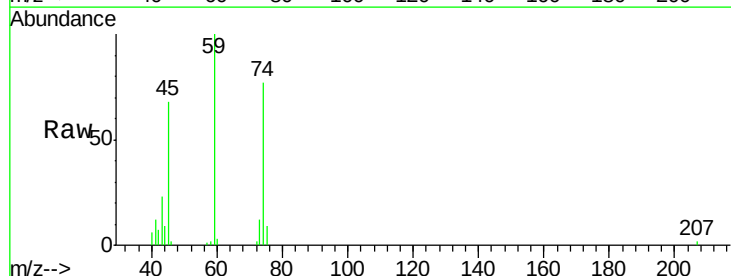
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



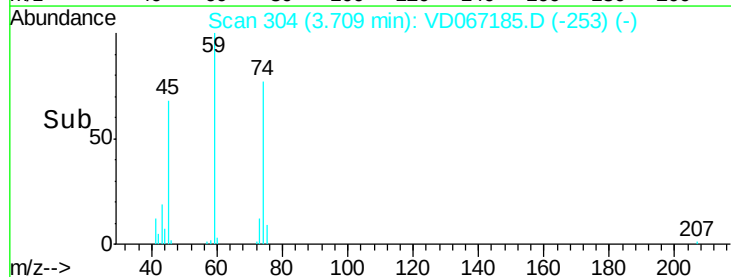
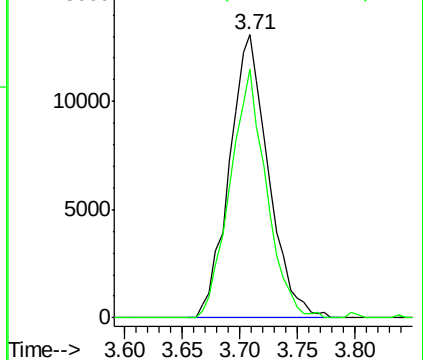
#8

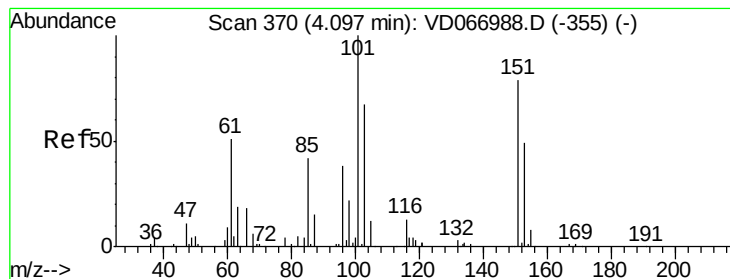
Diethyl Ether
 Concen: 19.426 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion: 74 Resp: 30591
 Ion Ratio Lower Upper
 74 100
 45 81.7 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.120 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

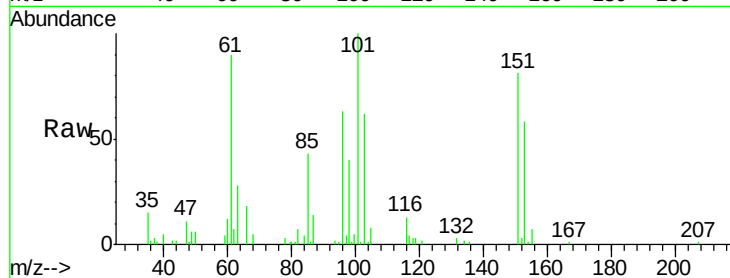
Tgt Ion:101 Resp: 75807

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.8

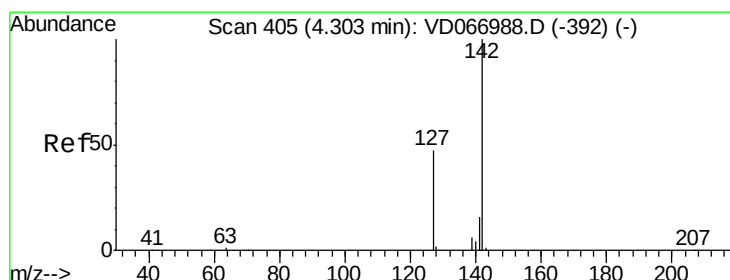
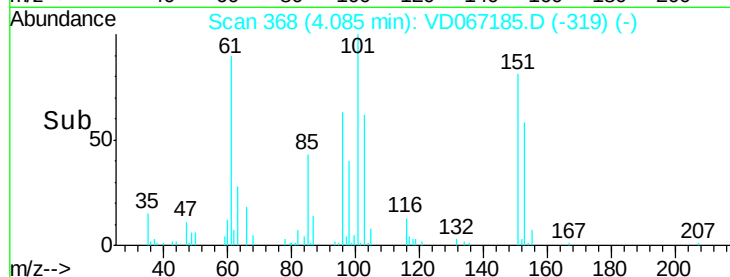
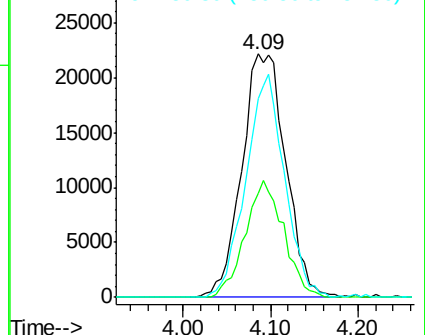
151 80.8 63.8 95.8



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: 17.398 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

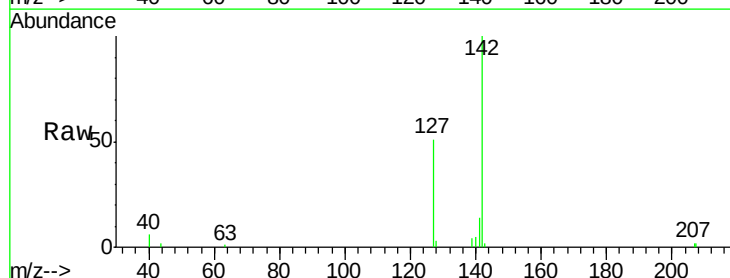
Tgt Ion:142 Resp: 60679

Ion Ratio Lower Upper

142 100

127 50.5 36.3 54.5

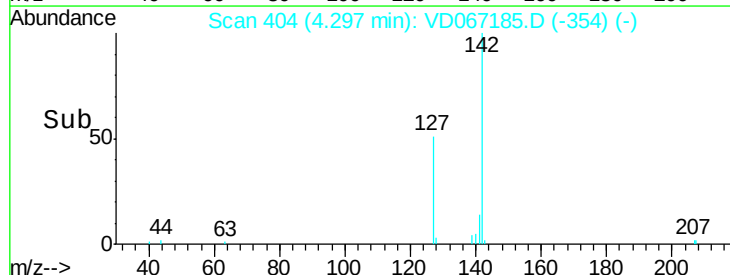
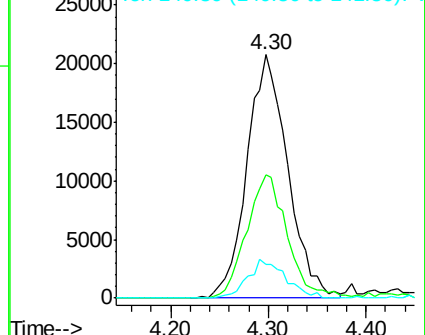
141 14.6 12.0 18.0

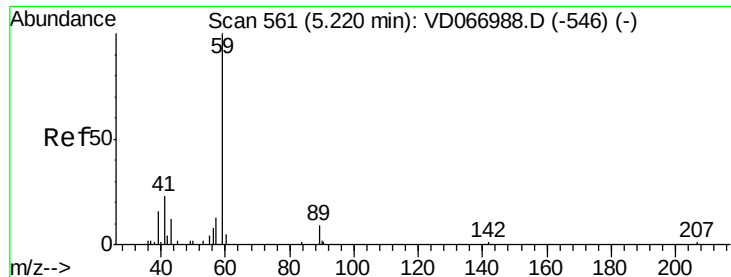


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 27.479 ug/l

RT: 5.21 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

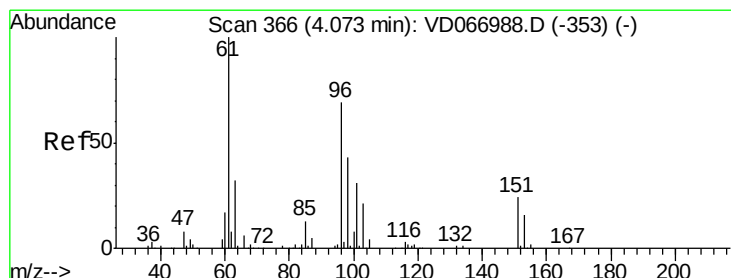
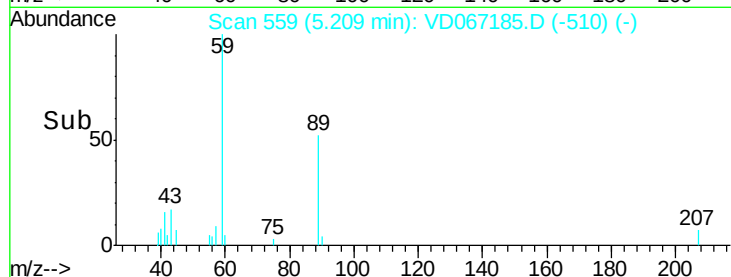
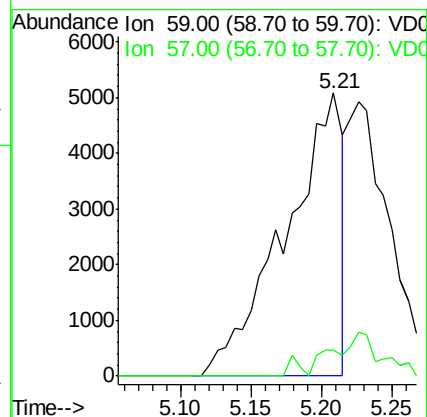
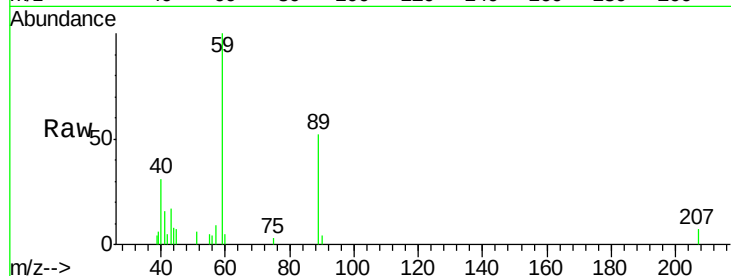
VD1008SBS01

Tgt Ion: 59 Resp: 14291

Ion Ratio Lower Upper

59 100

57 12.5 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 19.969 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

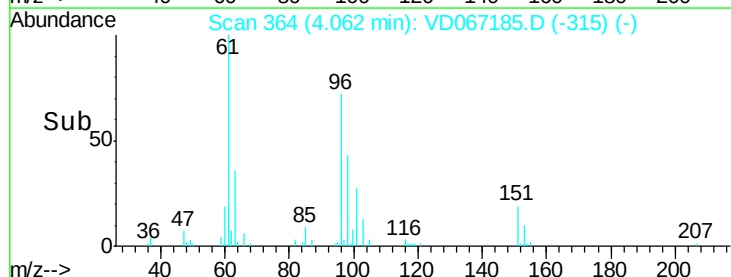
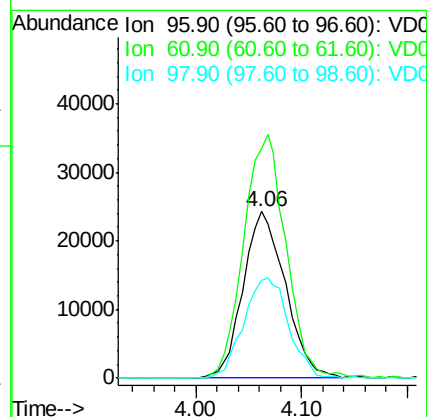
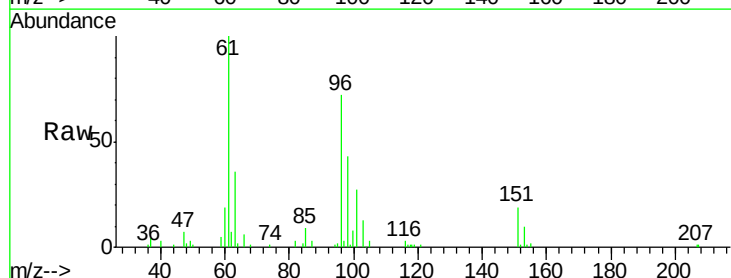
Tgt Ion: 96 Resp: 67381

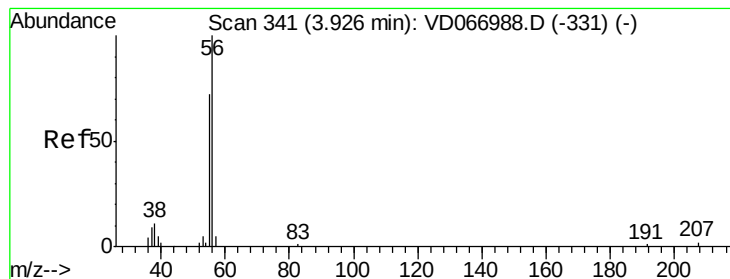
Ion Ratio Lower Upper

96 100

61 137.9 116.4 174.6

98 58.8 49.9 74.9





#13

Acrolein

Concen: 70.953 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

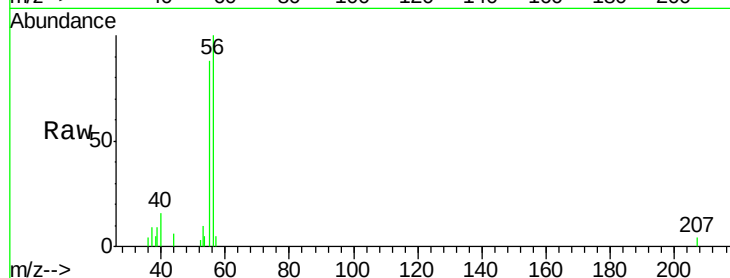
VD1008SBS01

Tgt Ion: 56 Resp: 16380

Ion Ratio Lower Upper

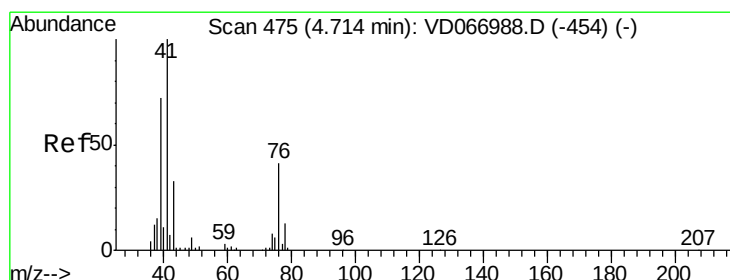
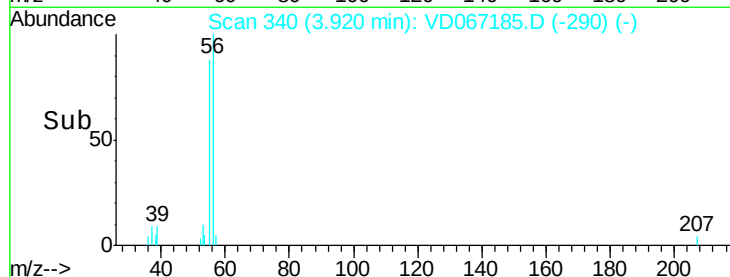
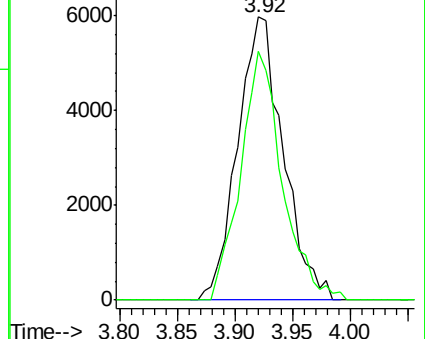
56 100

55 80.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 17.779 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

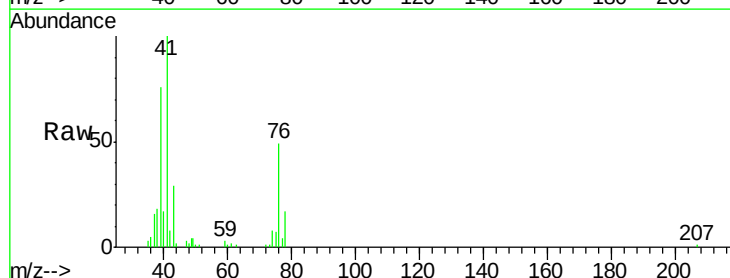
Tgt Ion: 41 Resp: 77935

Ion Ratio Lower Upper

41 100

39 77.6 56.2 84.2

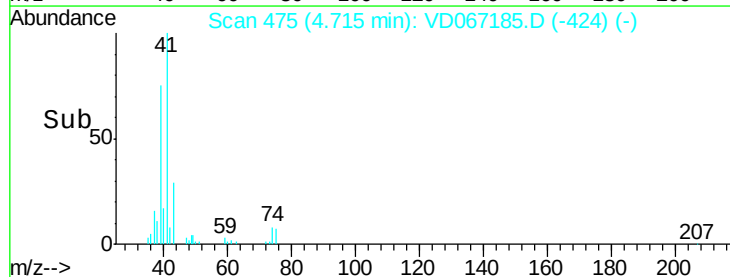
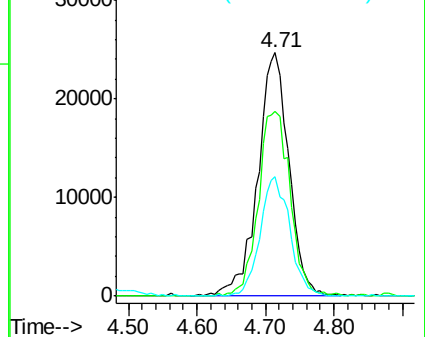
76 46.7 34.2 51.2

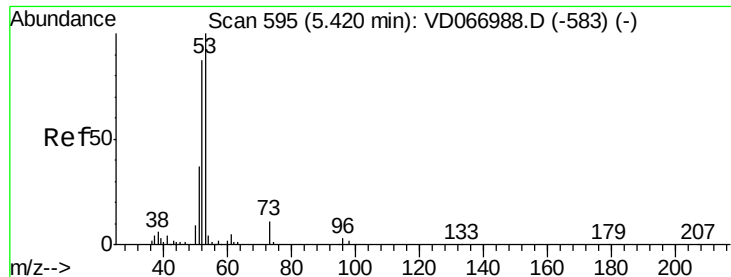


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 93.210 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

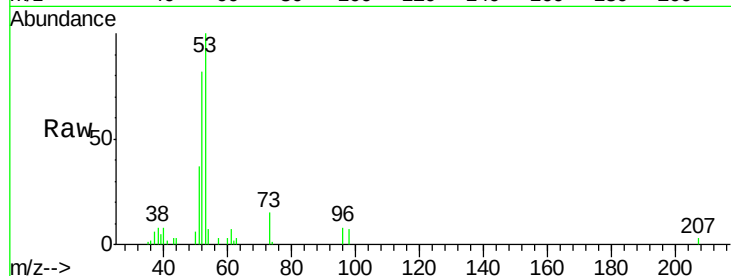
Tgt Ion: 53 Resp: 54023

Ion Ratio Lower Upper

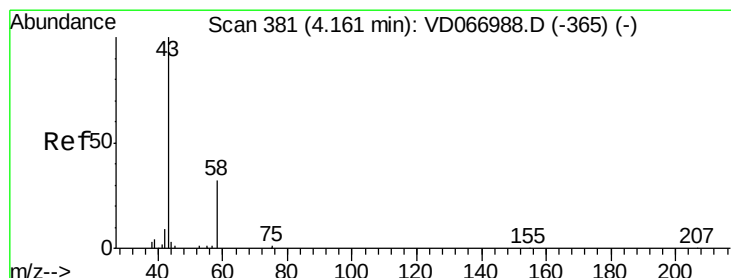
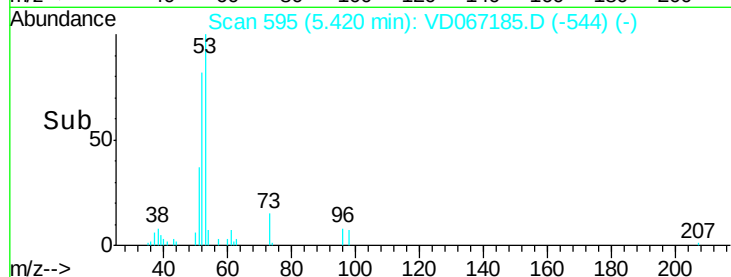
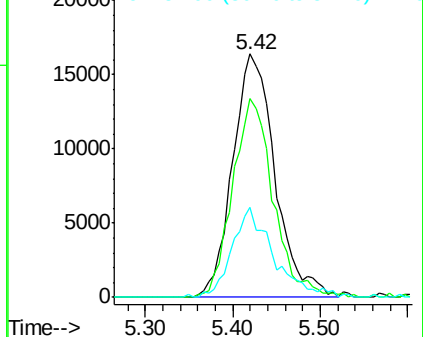
53 100

52 78.4 67.3 100.9

51 35.1 30.2 45.2



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: 95.690 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD067185.D

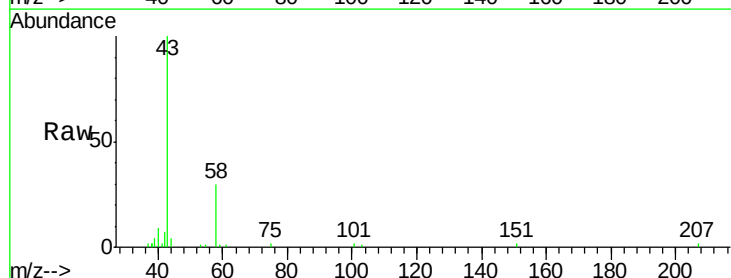
Acq: 08 Oct 2020 10:57

Tgt Ion: 43 Resp: 50361

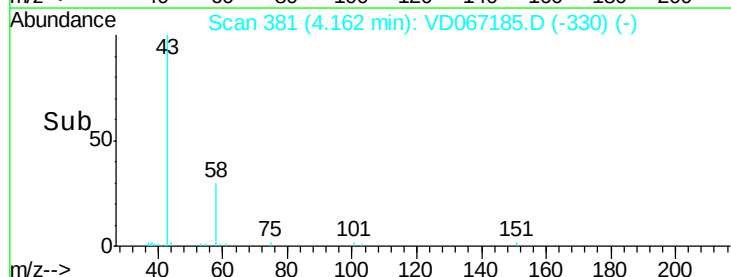
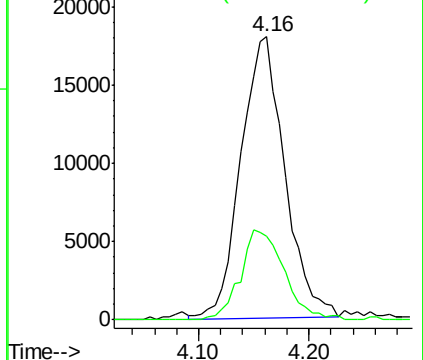
Ion Ratio Lower Upper

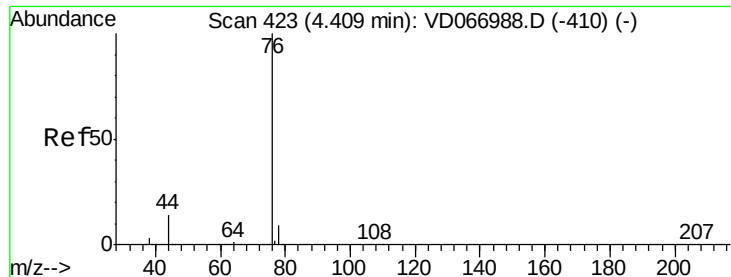
43 100

58 29.9 25.9 38.9



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

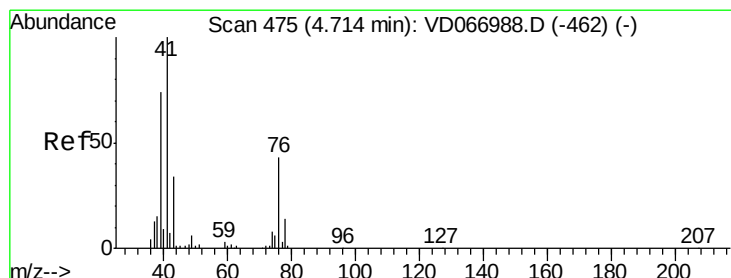
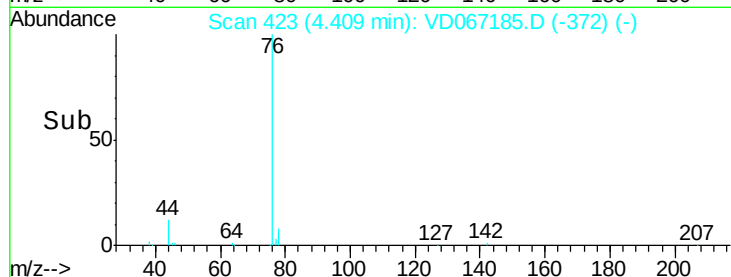
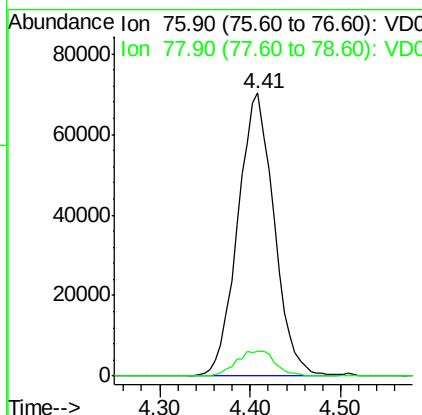
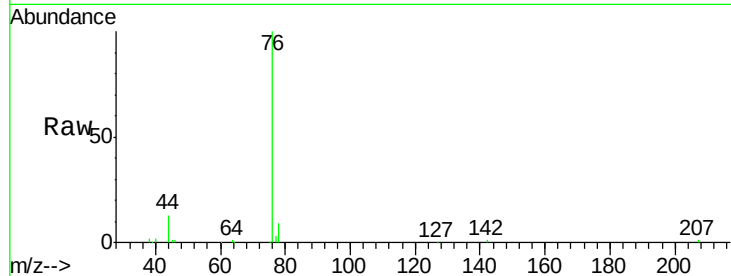




#17
Carbon Disulfide
Concen: 18.926 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

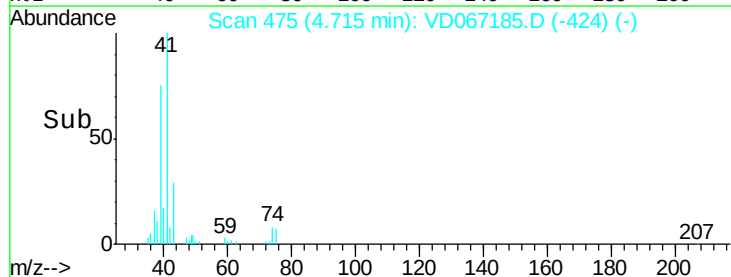
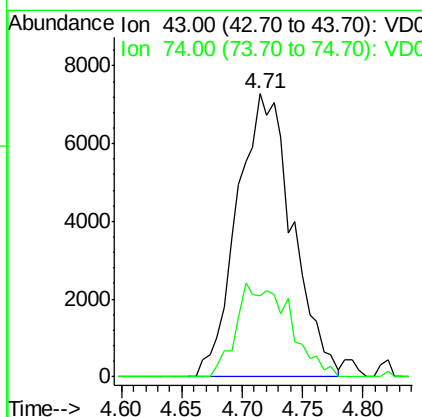
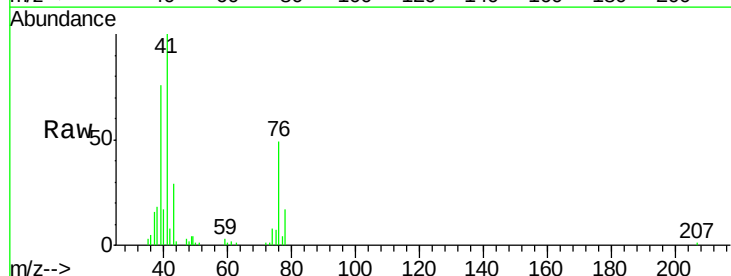
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

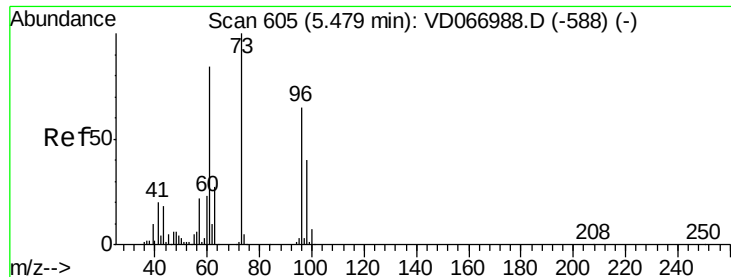
Tgt Ion: 76 Resp: 195989
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 17.553 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 43 Resp: 23218
Ion Ratio Lower Upper
43 100
74 31.8 21.5 32.3

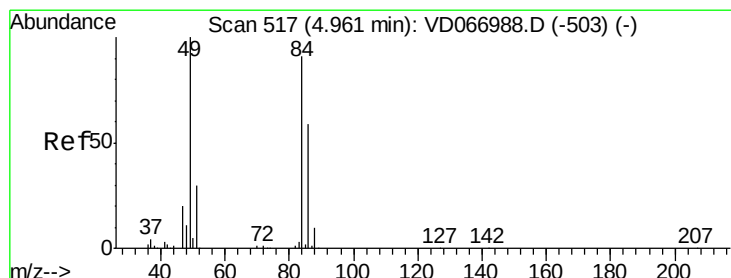
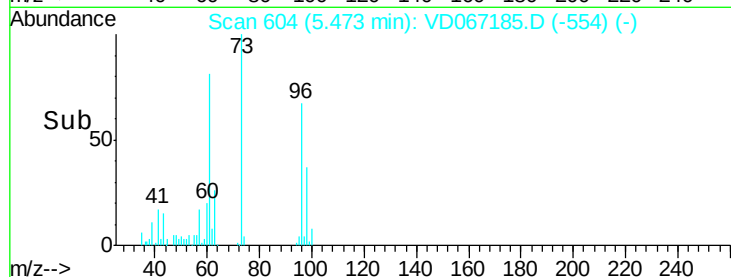
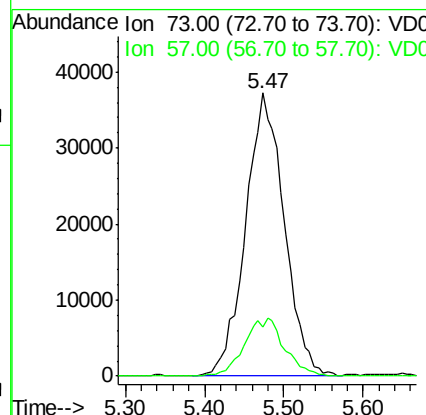
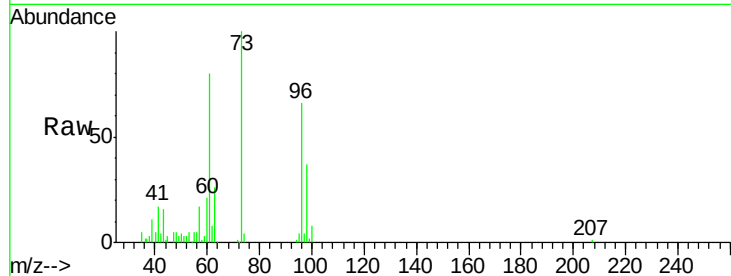




#19
Methyl tert-butyl Ether
Concen: 20.422 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

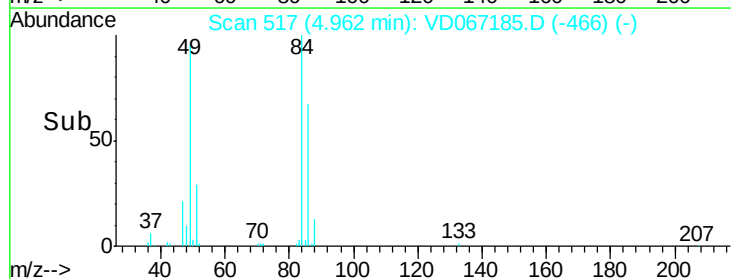
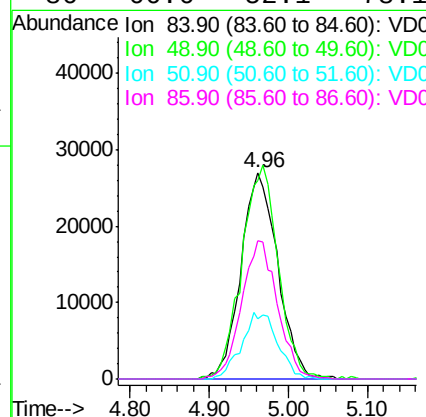
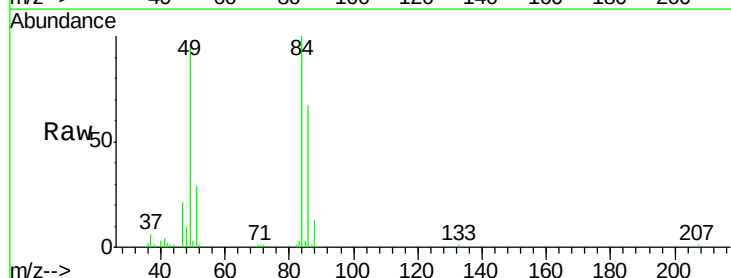
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

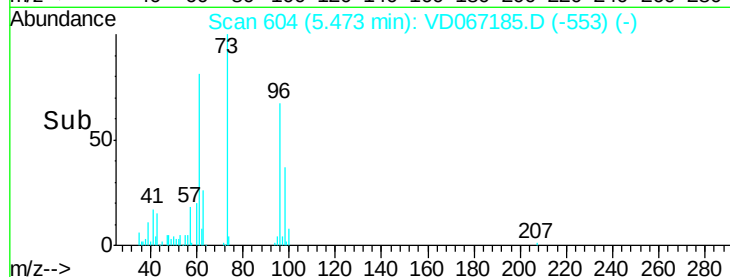
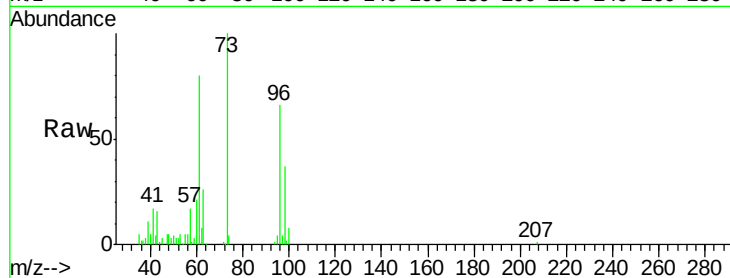
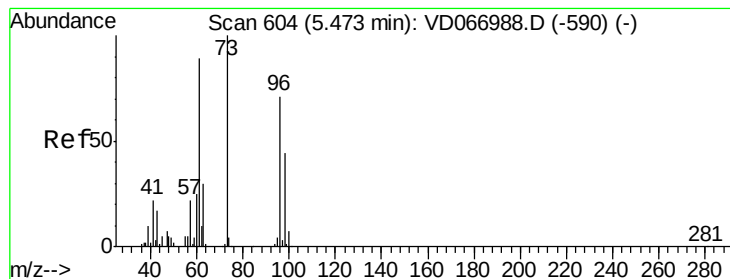
Tgt Ion: 73 Resp: 125793
Ion Ratio Lower Upper
73 100
57 17.5 17.4 26.0



#20
Methylene Chloride
Concen: 18.764 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 84 Resp: 87053
Ion Ratio Lower Upper
84 100
49 95.9 88.2 132.2
51 29.3 26.6 39.8
86 66.6 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.312 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

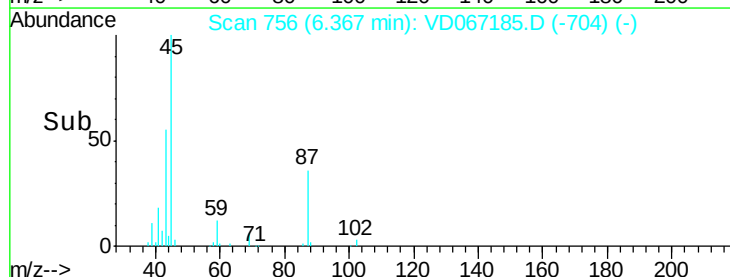
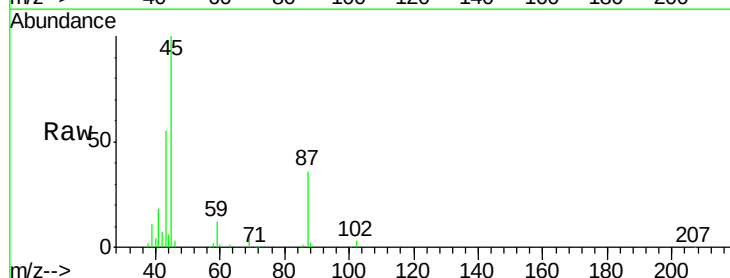
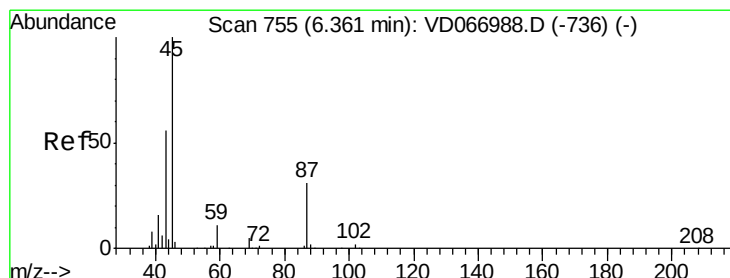
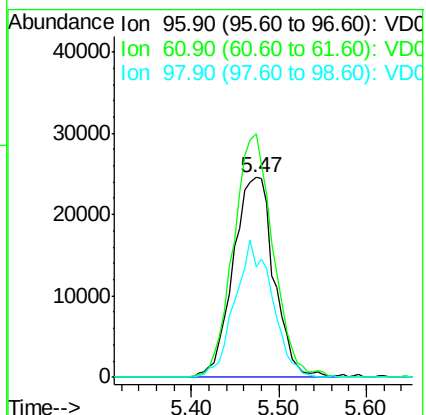
Tgt Ion: 96 Resp: 77998

Ion Ratio Lower Upper

96 100

61 121.8 99.6 149.4

98 55.5 49.4 74.2



#22

Diisopropyl ether

Concen: 18.795 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Tgt Ion: 45 Resp: 150406

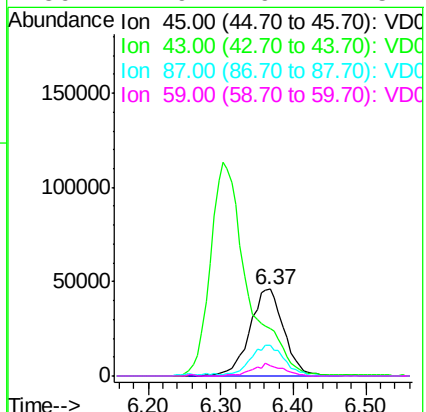
Ion Ratio Lower Upper

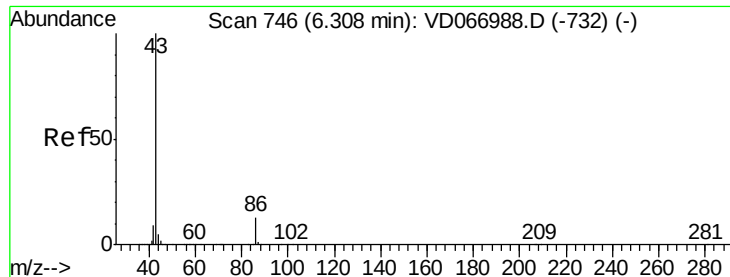
45 100

43 53.1 45.2 67.8

87 36.0 25.6 38.4

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 89.228 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

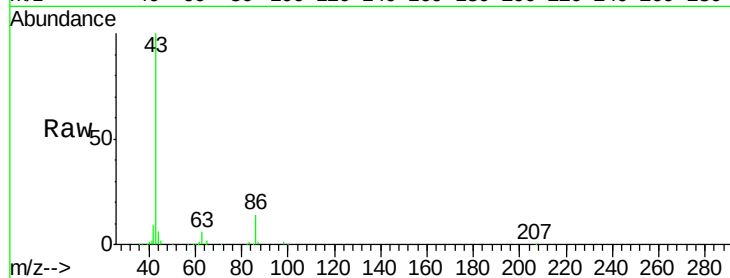
VD1008SBS01

Tgt Ion: 43 Resp: 404629

Ion Ratio Lower Upper

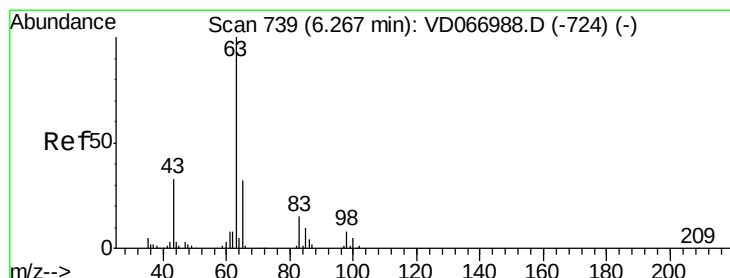
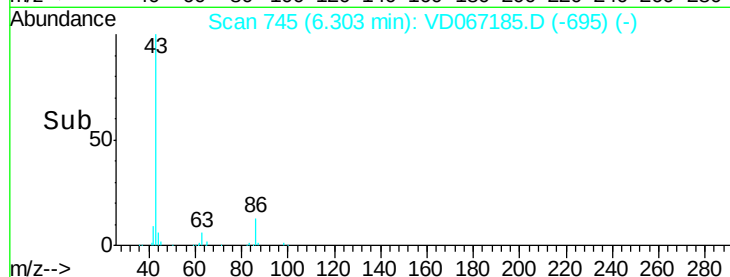
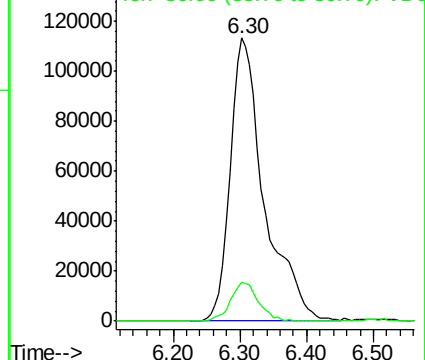
43 100

86 13.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 19.481 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

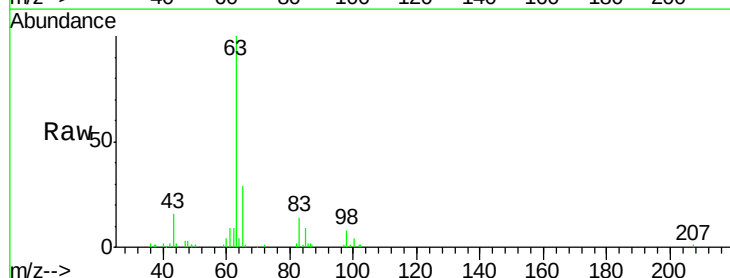
Tgt Ion: 63 Resp: 120313

Ion Ratio Lower Upper

63 100

98 8.0 4.2 12.6

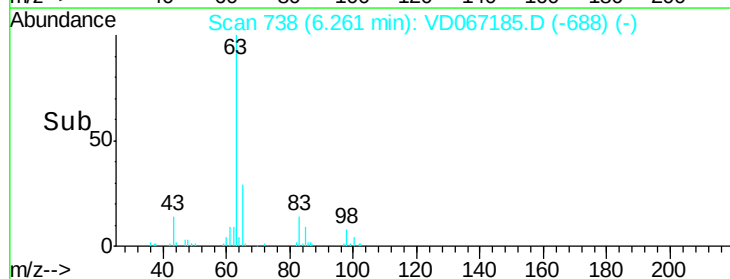
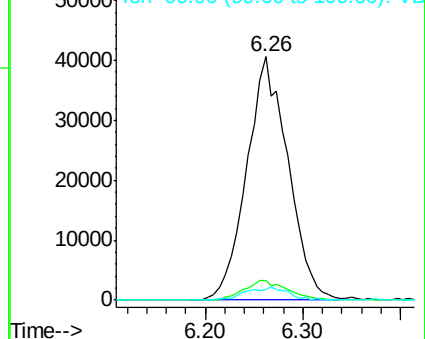
100 4.4 2.6 7.8

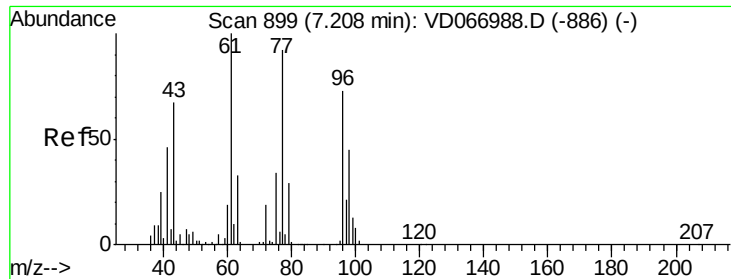


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

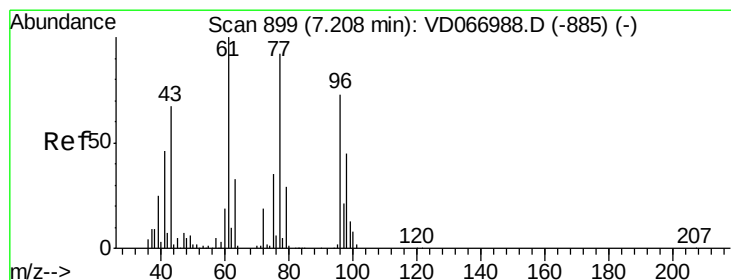
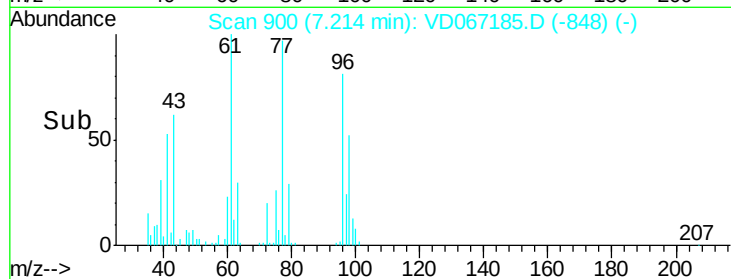
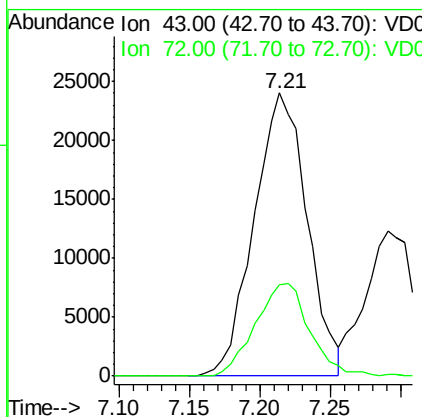
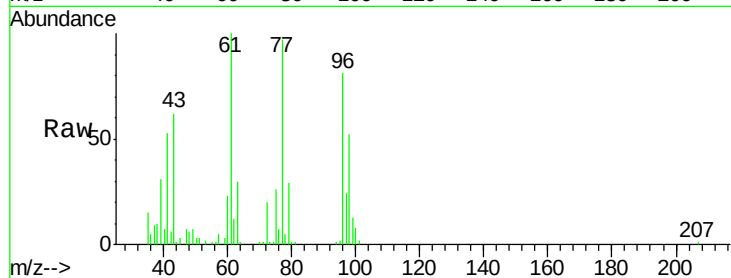




#25
2-Butanone
Concen: 84.519 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

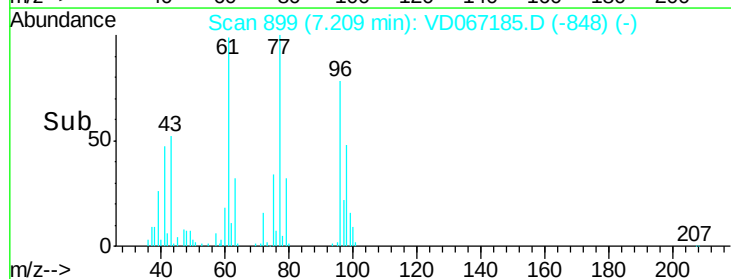
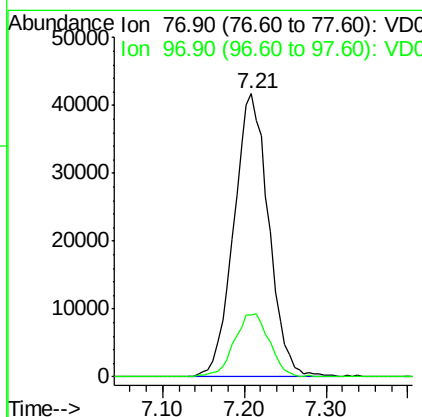
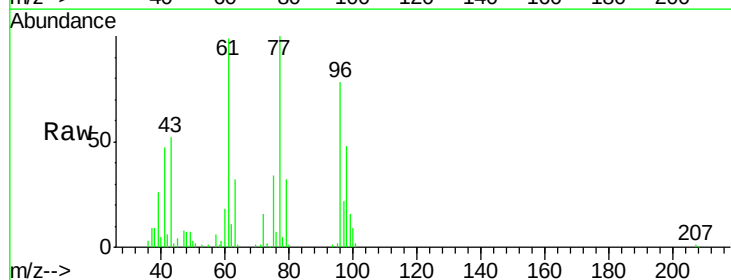
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

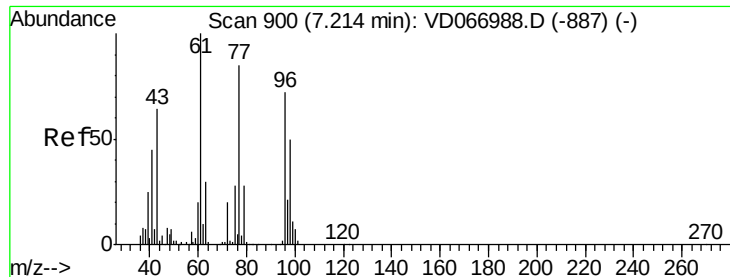
Tgt Ion: 43 Resp: 63065
Ion Ratio Lower Upper
43 100
72 32.4 22.8 34.2



#26
2,2-Dichloropropane
Concen: 21.015 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 77 Resp: 123610
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.2



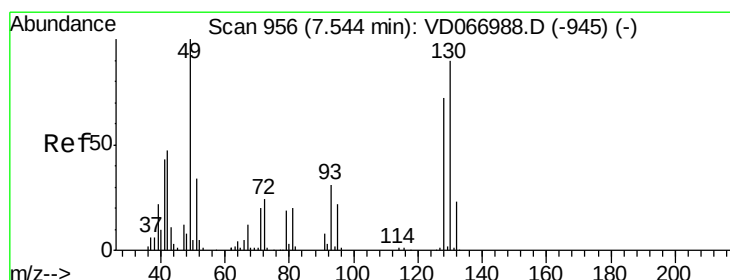
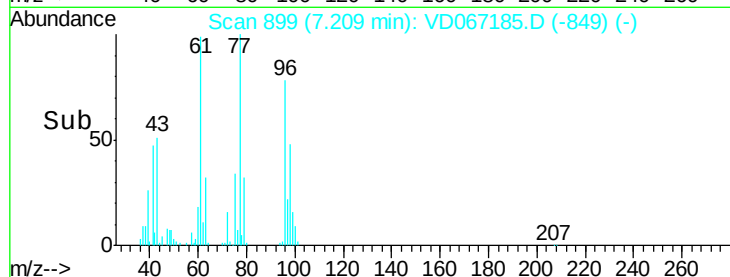
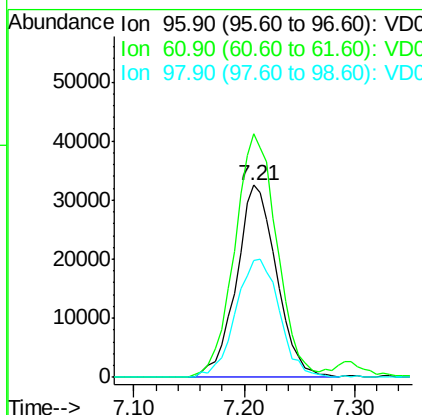
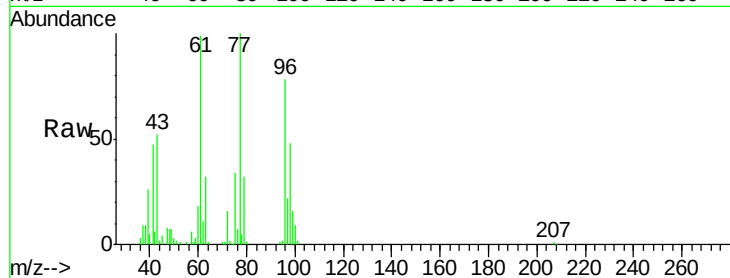


#27

cis-1,2-Dichloroethene
Concen: 20.266 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

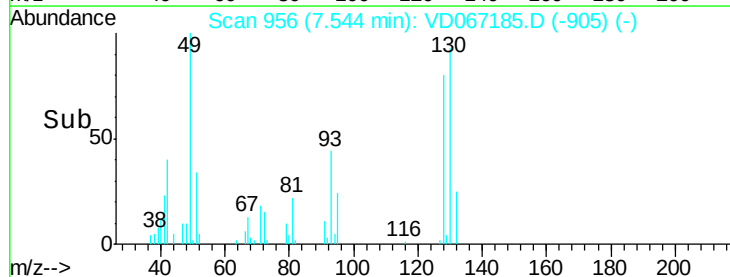
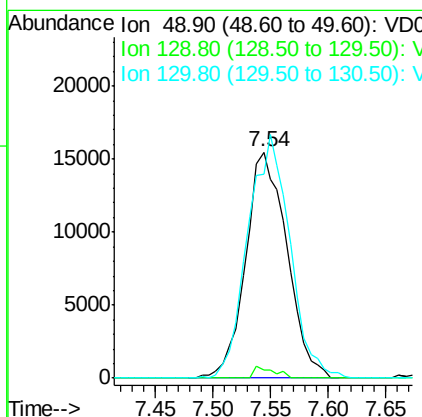
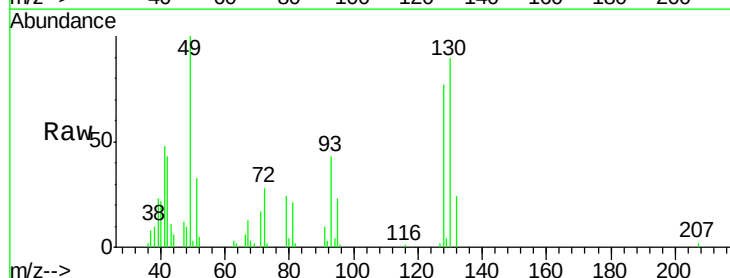
Tgt Ion: 96 Resp: 83115
Ion Ratio Lower Upper
96 100
61 133.0 0.0 269.2
98 66.7 0.0 129.4

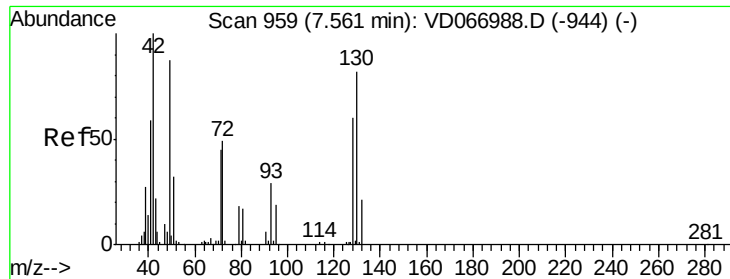


#28

Bromochloromethane
Concen: 16.169 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 49 Resp: 38565
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 109.7 74.1 111.1

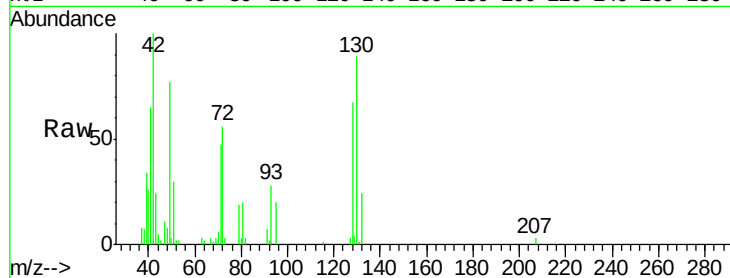




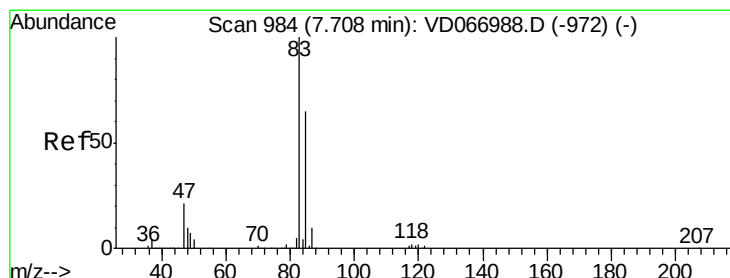
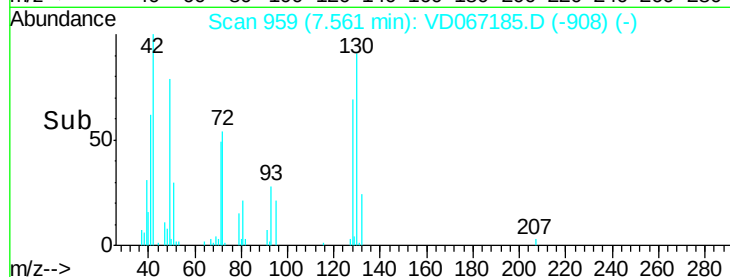
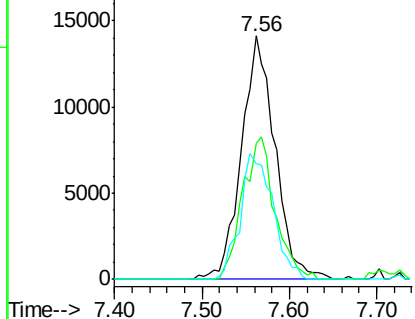
#29
Tetrahydrofuran
Concen: 85.542 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

Tgt Ion: 42 Resp: 36701
Ion Ratio Lower Upper
42 100
72 56.4 39.1 58.7
71 50.6 34.2 51.4

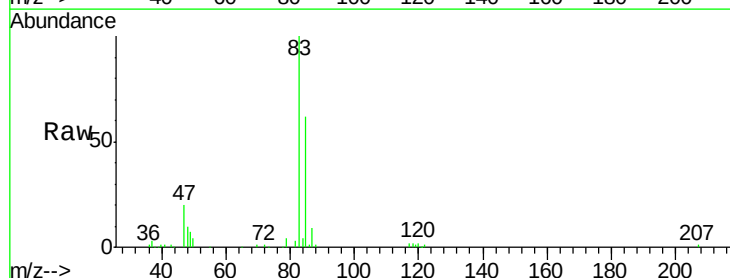


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

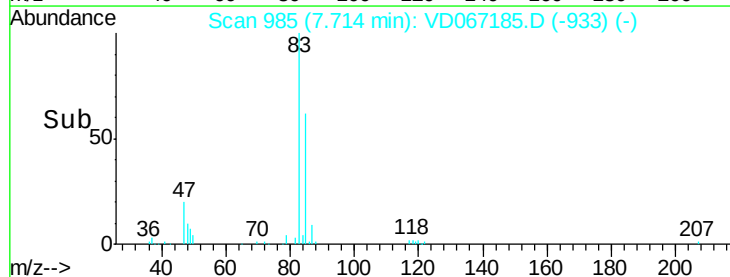
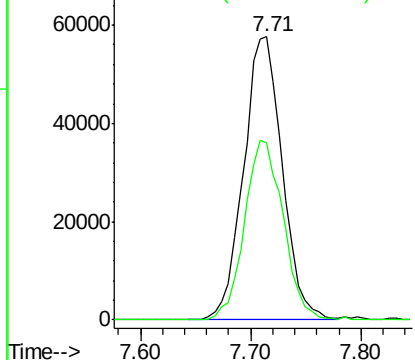


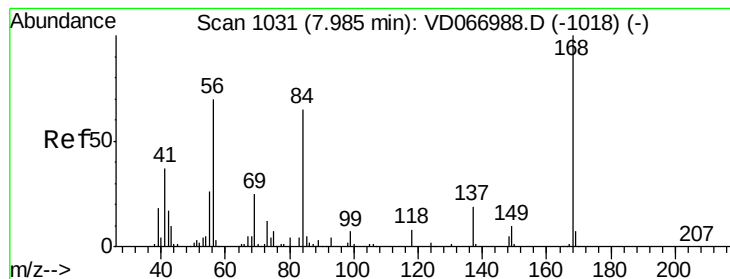
#30
Chloroform
Concen: 21.173 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 83 Resp: 141849
Ion Ratio Lower Upper
83 100
85 62.4 52.3 78.5



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





#31

Cyclohexane

Concen: 17.966 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

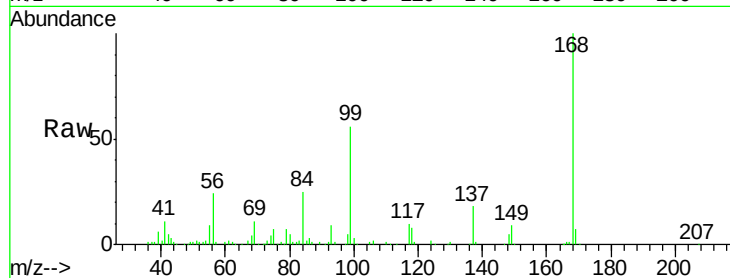
Tgt Ion: 56 Resp: 93021

Ion Ratio Lower Upper

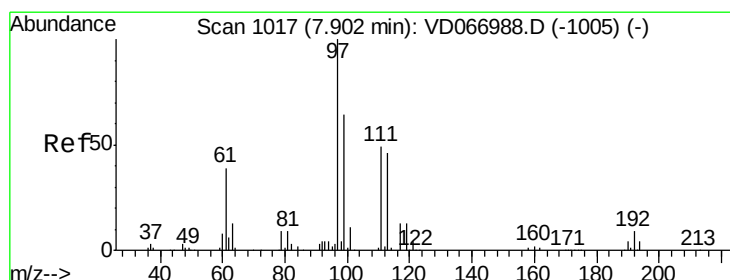
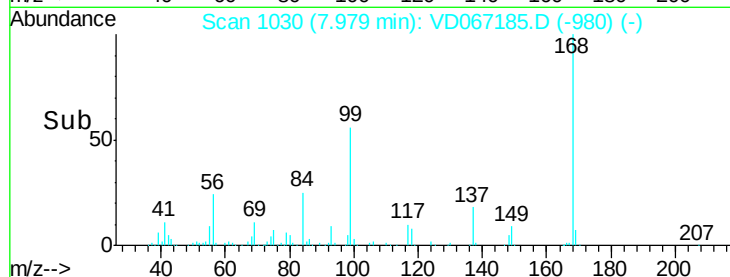
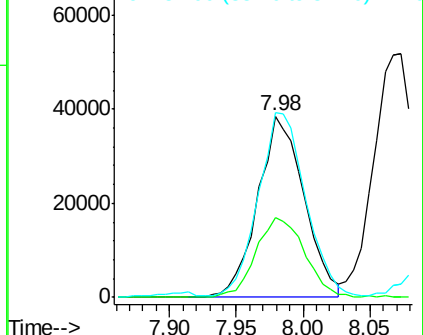
56 100

69 43.9 29.0 43.6#

84 99.0 74.2 111.2



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



#32

1,1,1-Trichloroethane

Concen: 22.303 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

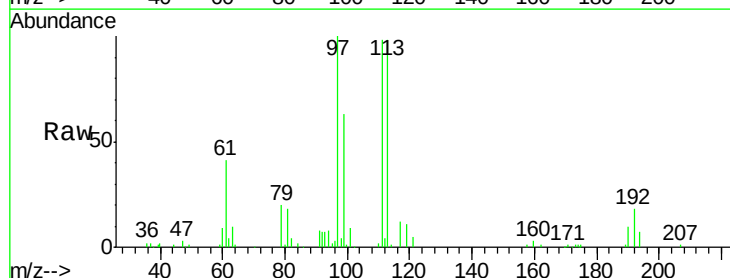
Tgt Ion: 97 Resp: 138482

Ion Ratio Lower Upper

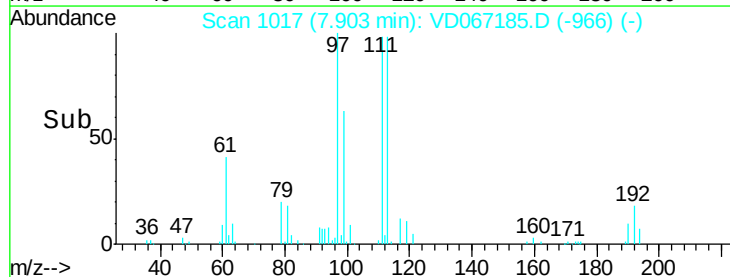
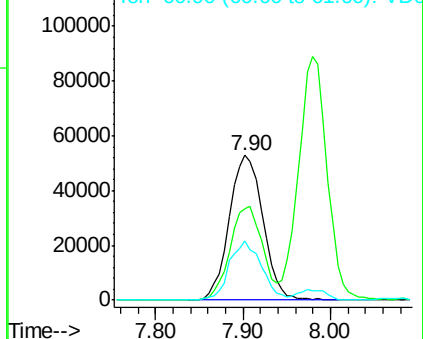
97 100

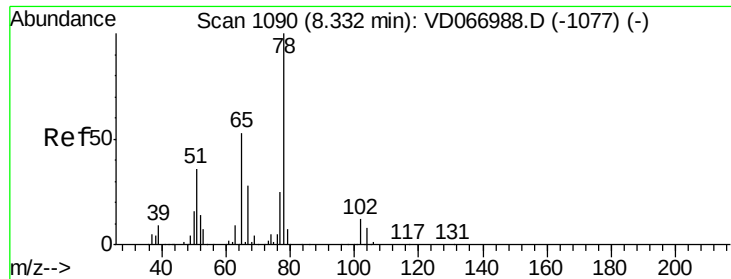
99 62.3 52.6 78.8

61 38.8 32.8 49.2



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

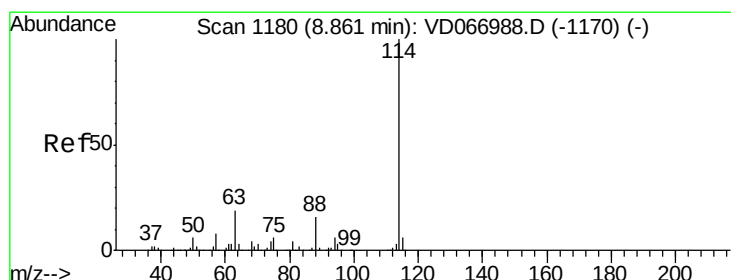
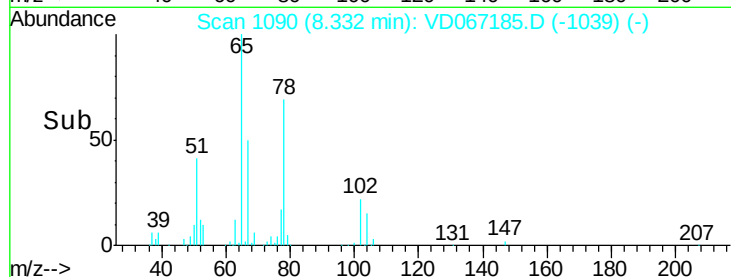
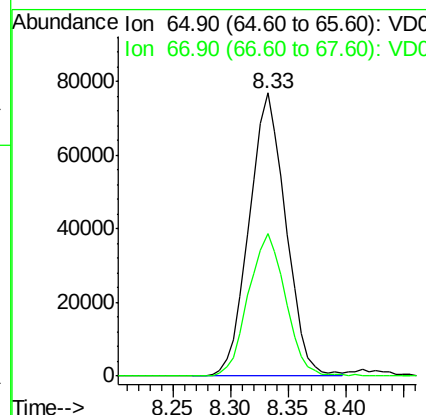
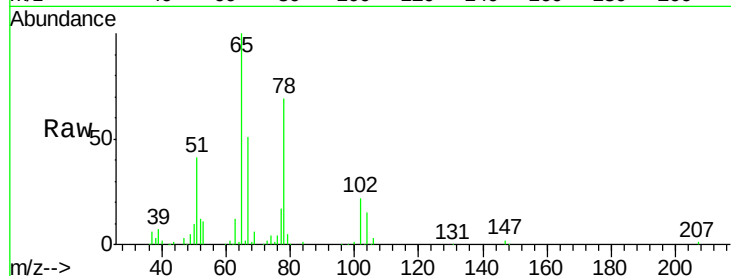




#33
 1,2-Dichloroethane-d4
 Concen: 49.311 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

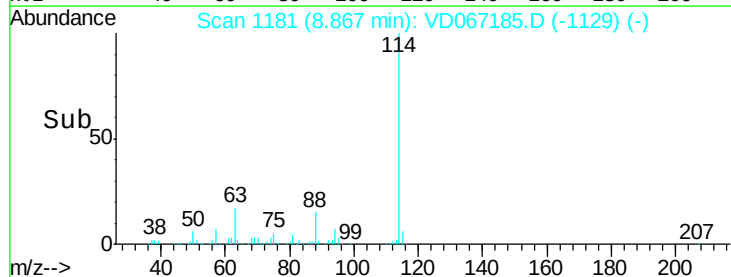
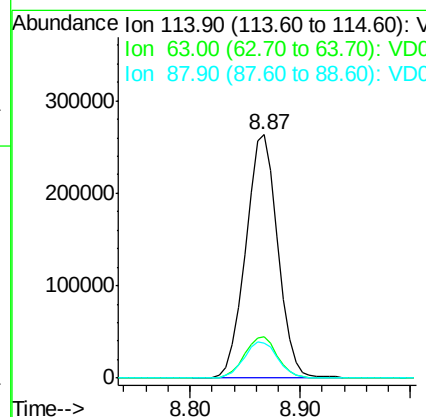
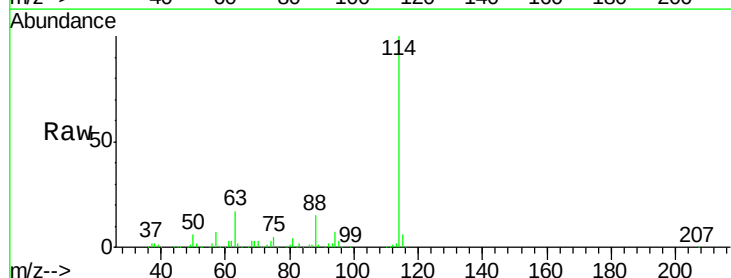
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

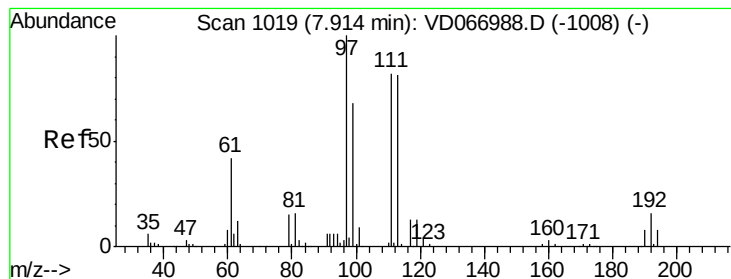
Tgt Ion: 65 Resp: 170010
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion: 114 Resp: 537828
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 38.4
 88 14.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.329 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

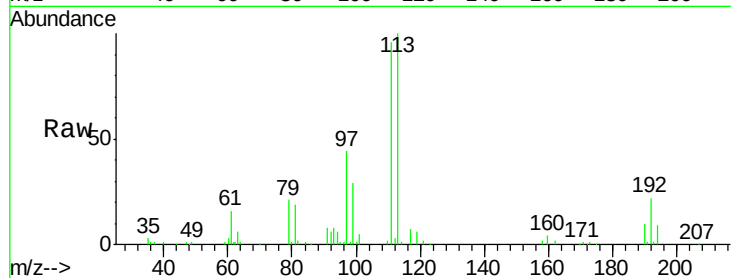
Tgt Ion:113 Resp: 184252

Ion Ratio Lower Upper

113 100

111 101.3 83.0 124.4

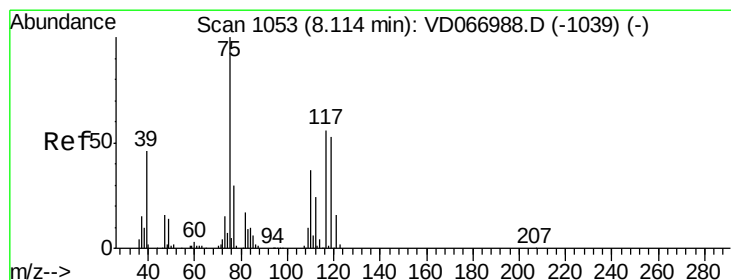
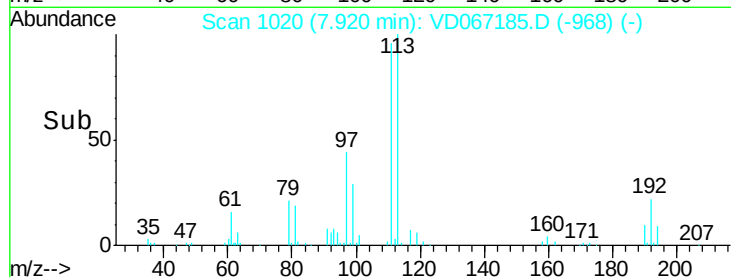
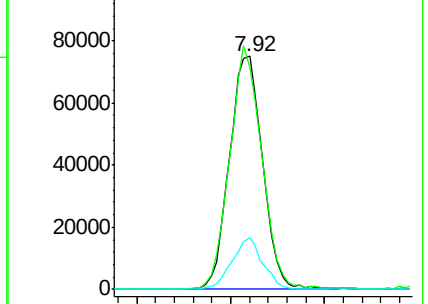
192 20.4 15.5 23.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.630 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

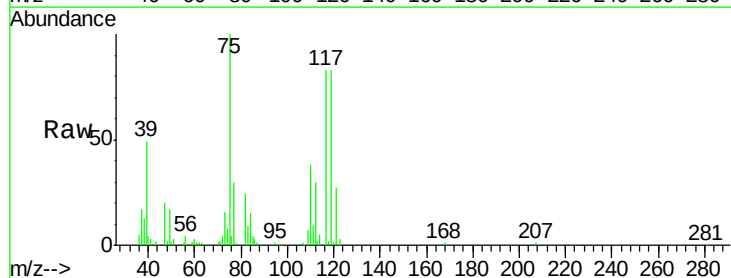
Tgt Ion: 75 Resp: 103421

Ion Ratio Lower Upper

75 100

110 41.0 18.4 55.0

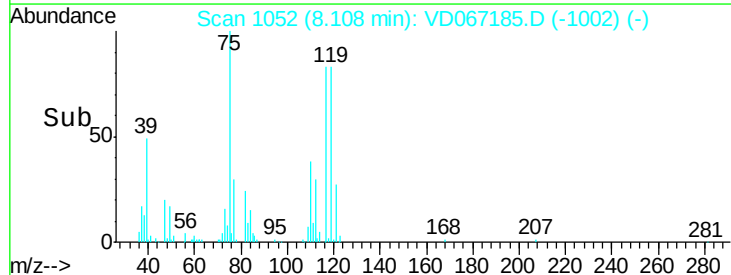
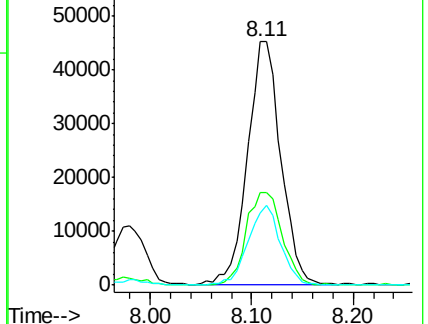
77 31.7 24.8 37.2

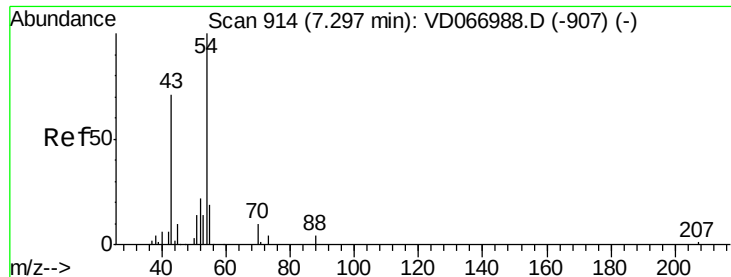


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

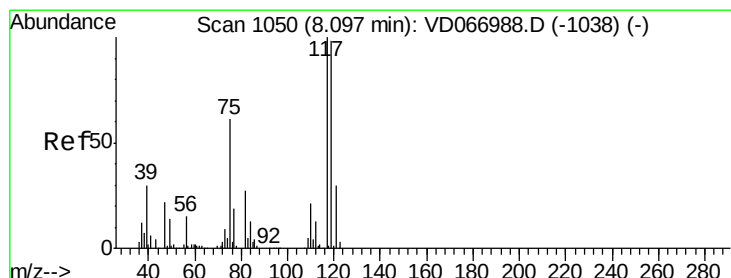
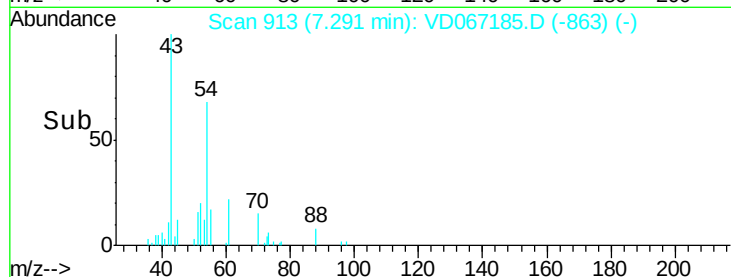
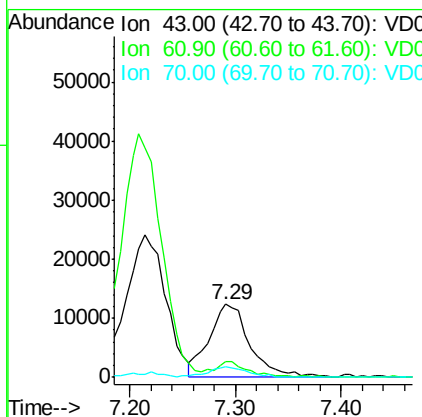
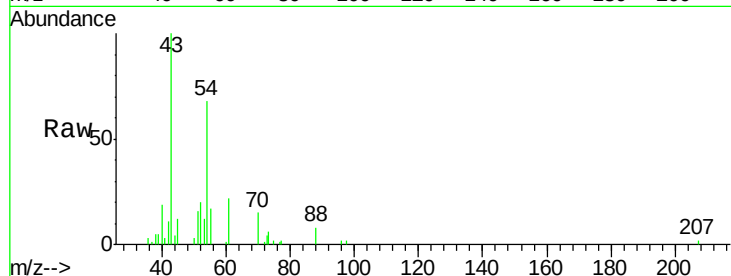




#37
 Ethyl Acetate
 Concen: 19.169 ug/l
 RT: 7.29 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

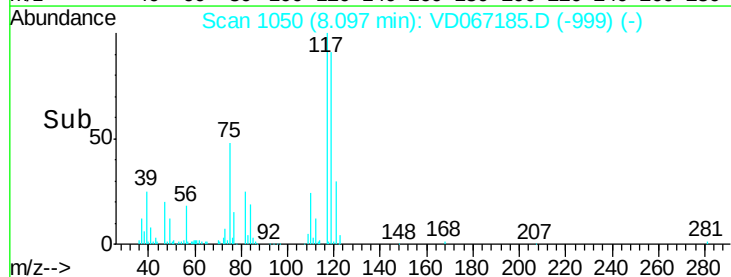
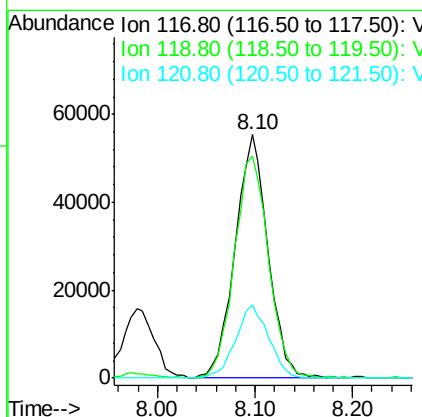
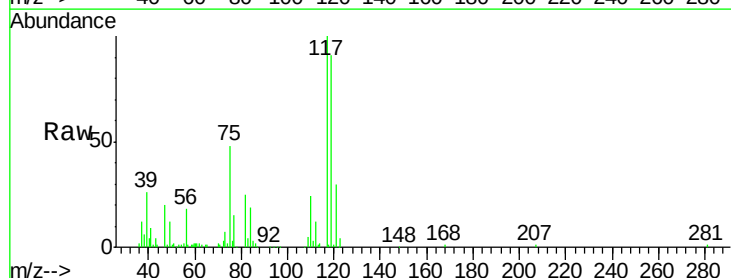
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

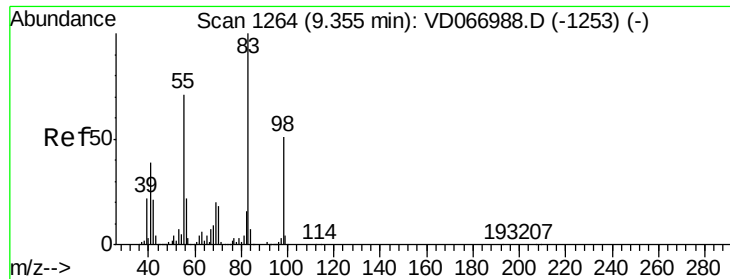
Tgt Ion: 43 Resp: 33290
 Ion Ratio Lower Upper
 43 100
 61 17.6 12.5 18.7
 70 14.0 9.4 14.0



#38
 Carbon Tetrachloride
 Concen: 23.917 ug/l
 RT: 8.10 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion: 117 Resp: 129729
 Ion Ratio Lower Upper
 117 100
 119 91.3 78.7 118.1
 121 30.0 24.2 36.2

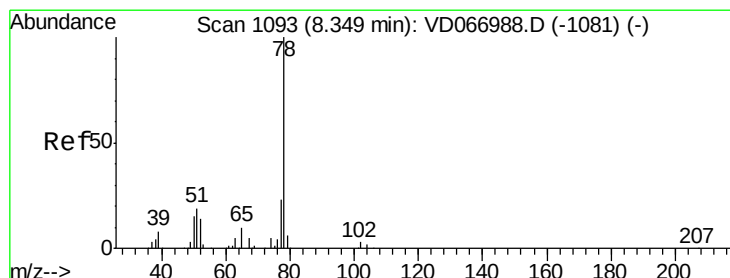
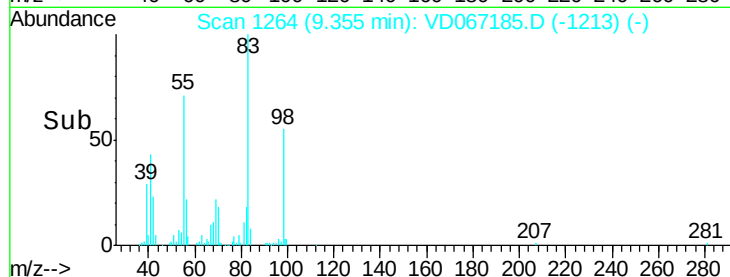
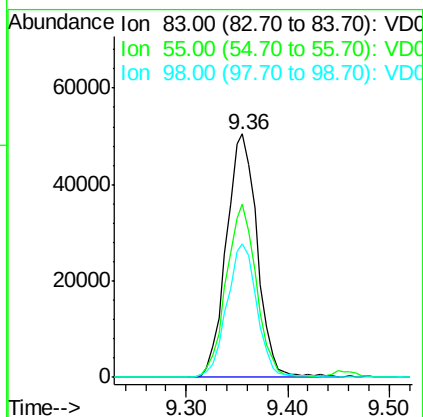
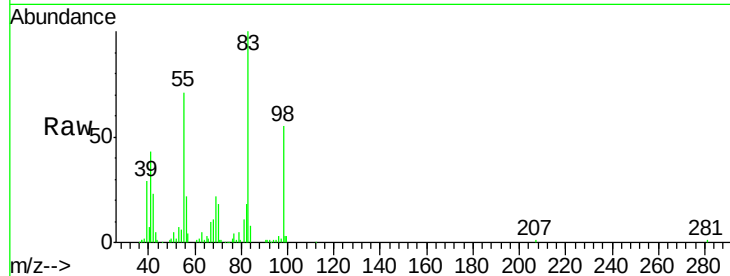




#39
Methylcyclohexane
Concen: 20.080 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

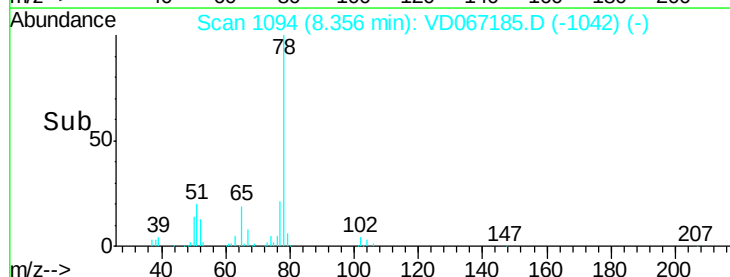
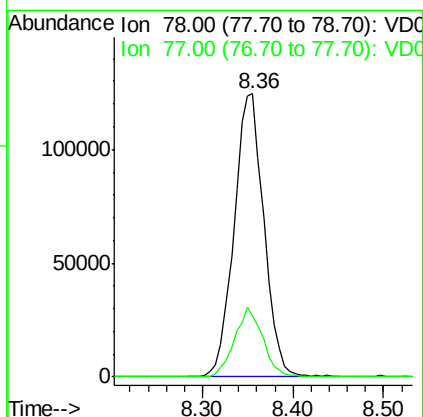
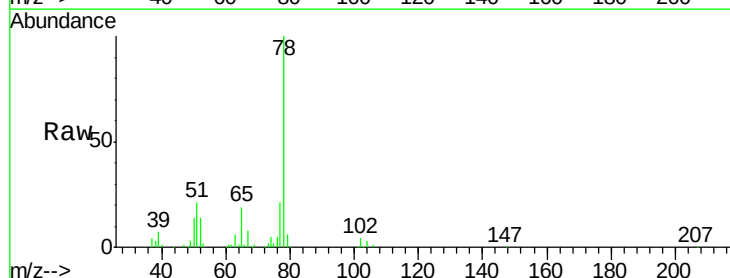
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

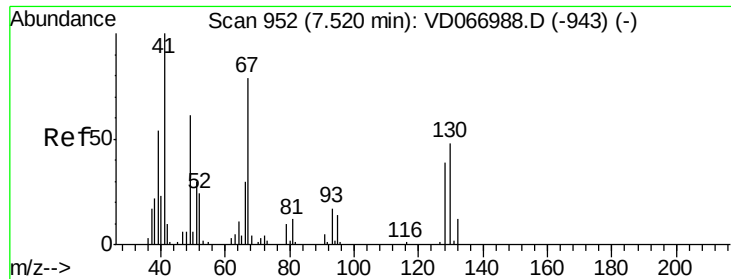
Tgt Ion: 83 Resp: 106426
Ion Ratio Lower Upper
83 100
55 71.2 57.1 85.7
98 54.9 40.9 61.3



#40
Benzene
Concen: 20.405 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 78 Resp: 284124
Ion Ratio Lower Upper
78 100
77 21.5 18.4 27.6

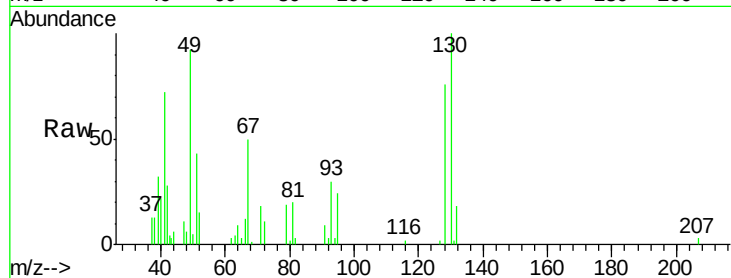




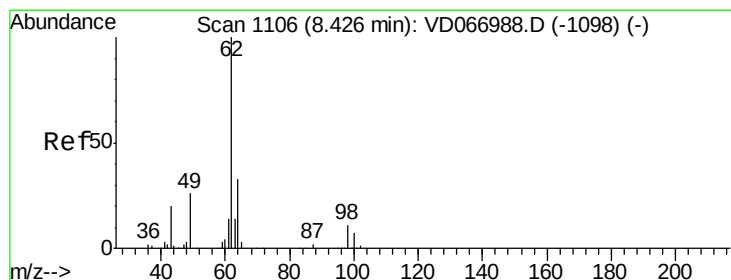
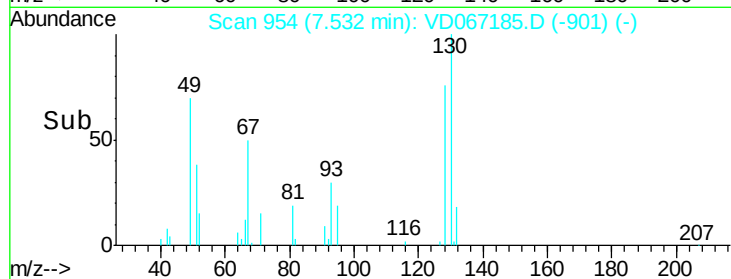
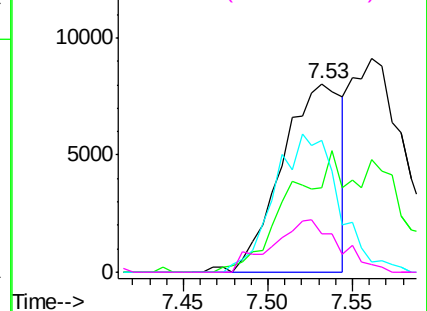
#41
Methacrylonitrile
Concen: 21.226 ug/l
RT: 7.53 min Scan# 954
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

Tgt Ion:	41	Resp:	19915
Ion	Ratio	Lower	Upper
41	100		
39	68.8	0.0	0.0#
67	78.3	0.0	0.0#
52	30.6	0.0	0.0#

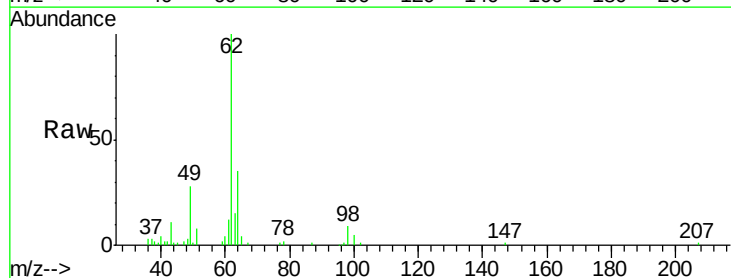


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

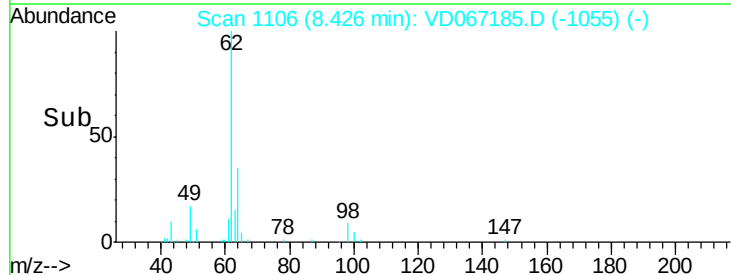
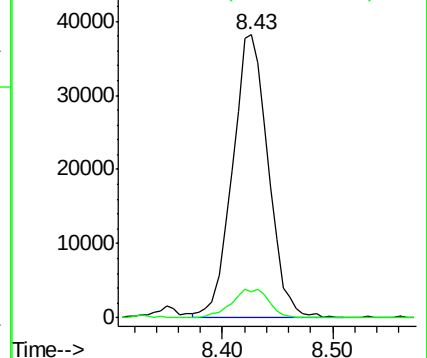


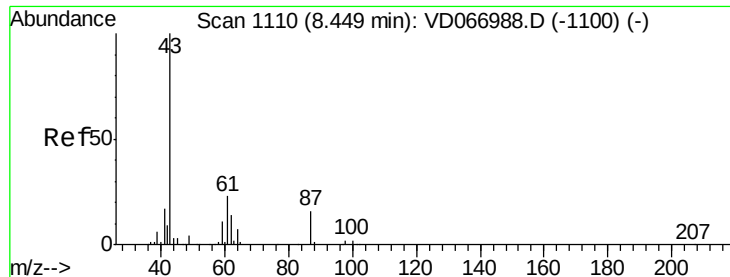
#42
1,2-Dichloroethane
Concen: 22.212 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion:	62	Resp:	86425
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.6



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





#43

Isopropyl Acetate

Concen: 18.339 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

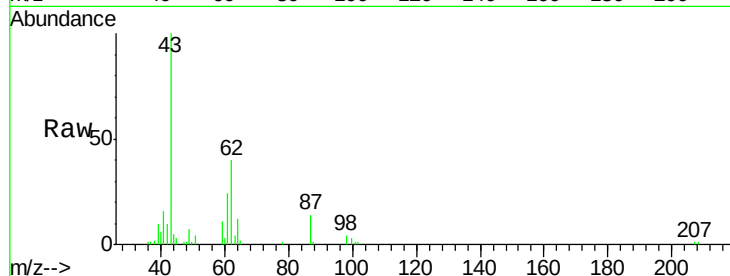
Tgt Ion: 43 Resp: 58673

Ion Ratio Lower Upper

43 100

61 0.0 27.1 40.7#

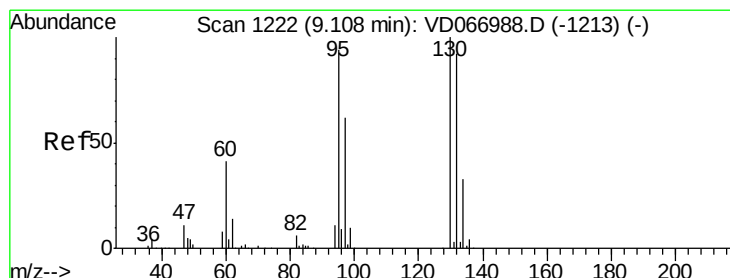
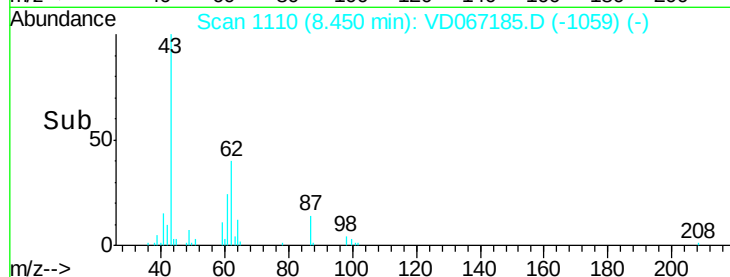
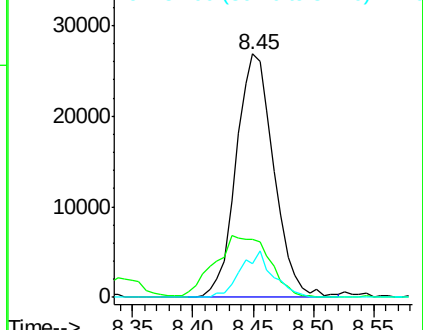
87 16.3 12.3 18.5



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: 22.104 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067185.D

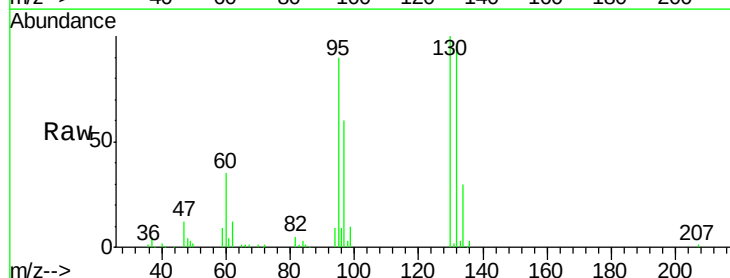
Acq: 08 Oct 2020 10:57

Tgt Ion: 130 Resp: 91906

Ion Ratio Lower Upper

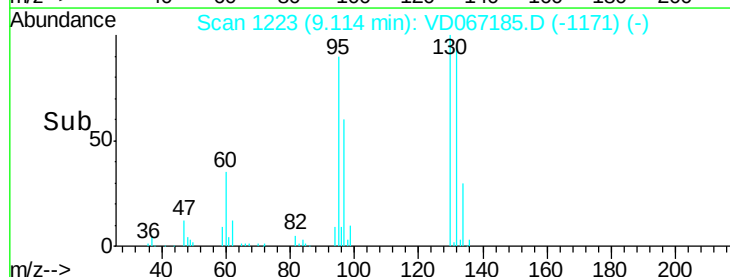
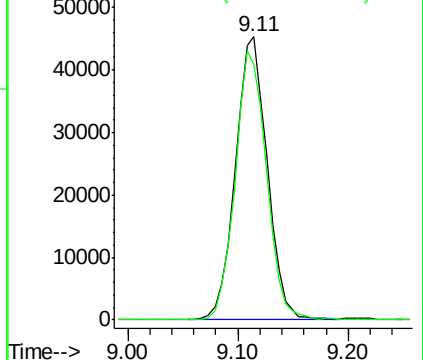
130 100

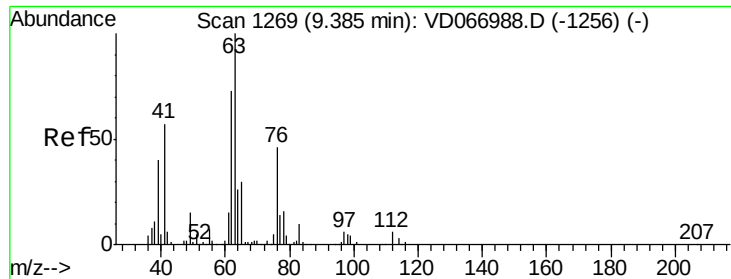
95 90.1 0.0 187.8



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

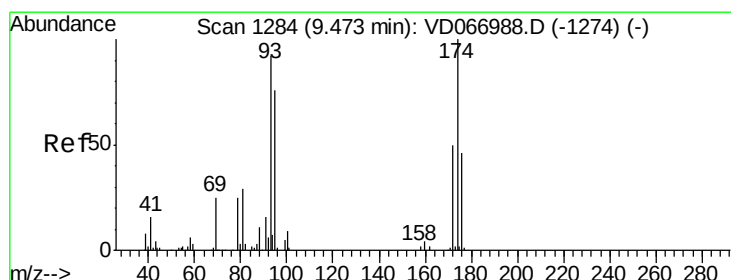
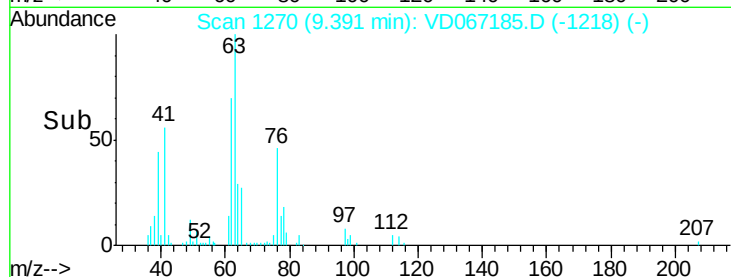
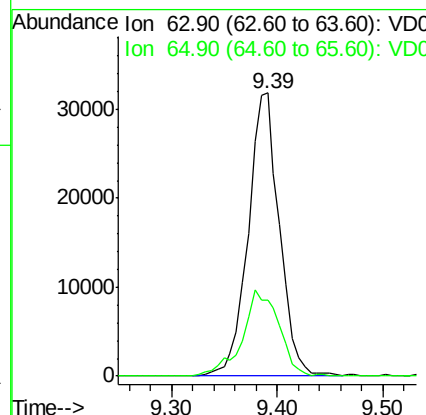
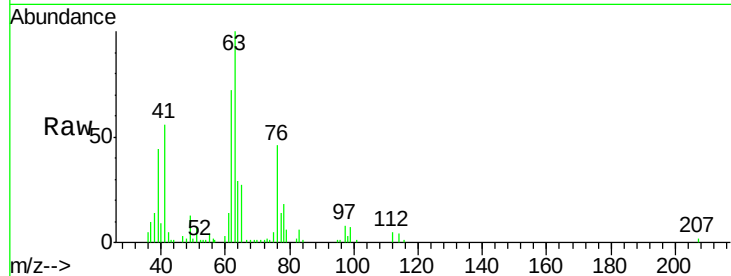




#45
 1,2-Dichloropropane
 Concen: 20.035 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

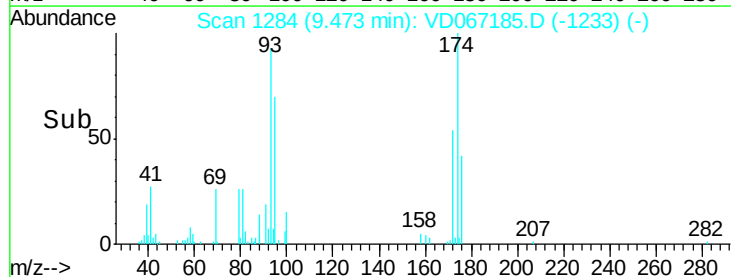
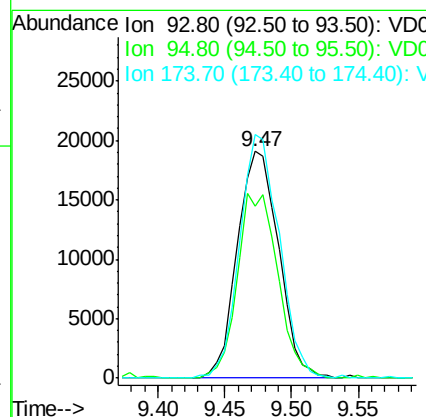
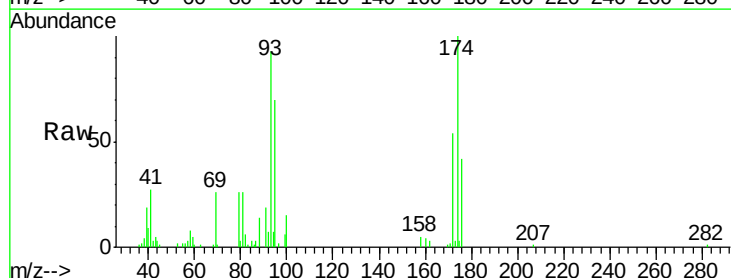
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

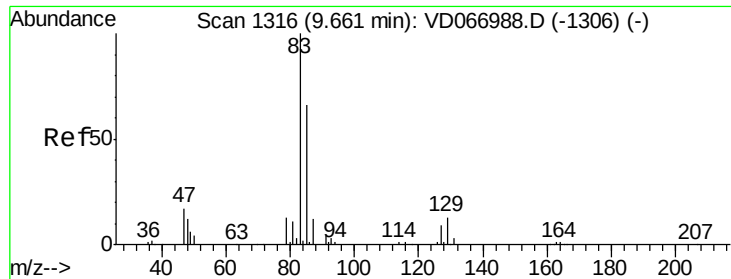
Tgt Ion: 63 Resp: 65548
 Ion Ratio Lower Upper
 63 100
 65 27.1 23.7 35.5



#46
 Dibromomethane
 Concen: 21.799 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion: 93 Resp: 40990
 Ion Ratio Lower Upper
 93 100
 95 79.8 64.7 97.1
 174 102.7 81.4 122.2

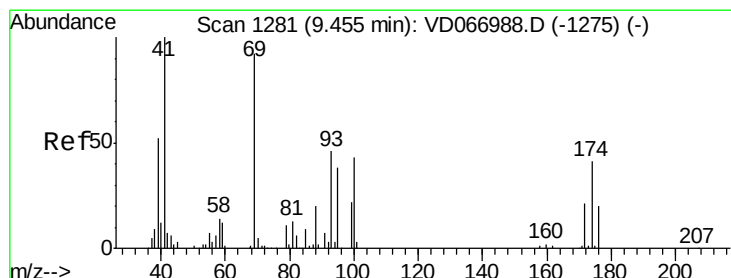
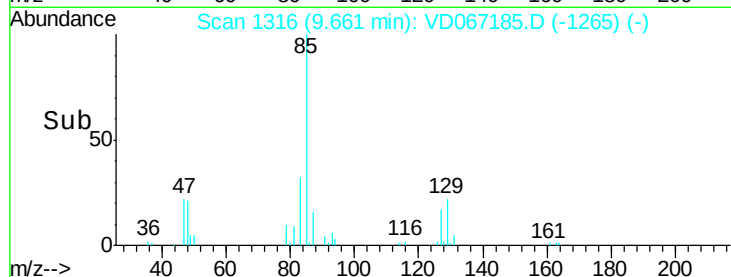
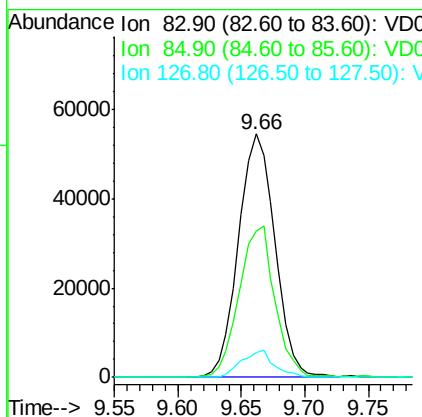
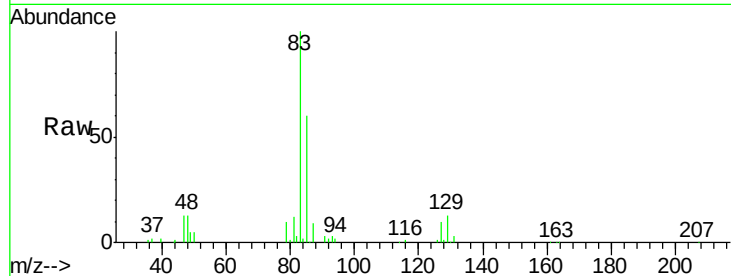




#47
 Bromodichloromethane
 Concen: 22.373 ug/l
 RT: 9.66 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

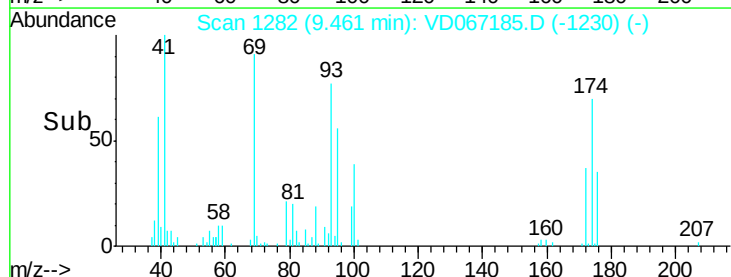
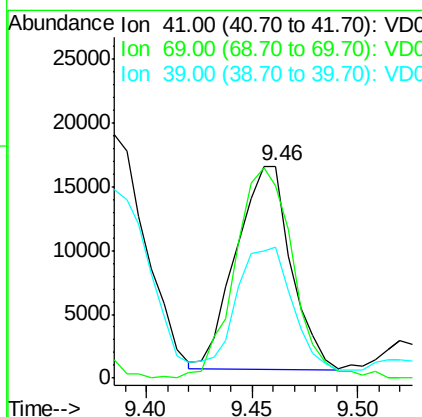
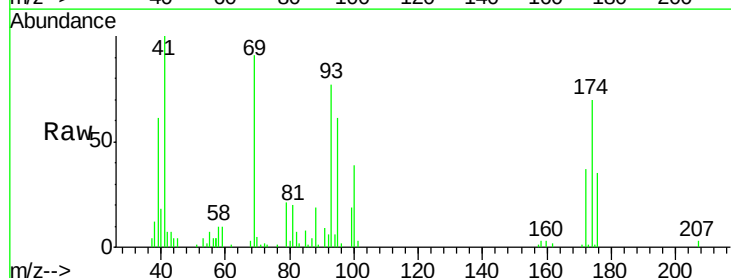
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

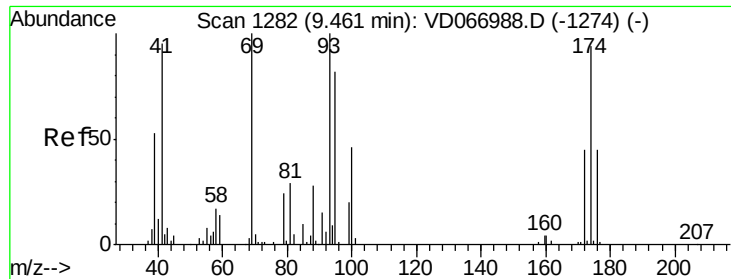
Tgt Ion: 83 Resp: 109358
 Ion Ratio Lower Upper
 83 100
 85 60.4 52.9 79.3
 127 10.3 7.3 10.9



#48
 Methyl methacrylate
 Concen: 17.578 ug/l
 RT: 9.46 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion: 41 Resp: 28811
 Ion Ratio Lower Upper
 41 100
 69 109.0 68.5 102.7#
 39 71.1 40.2 60.2#





#49

1,4-Dioxane

Concen: 398.667 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

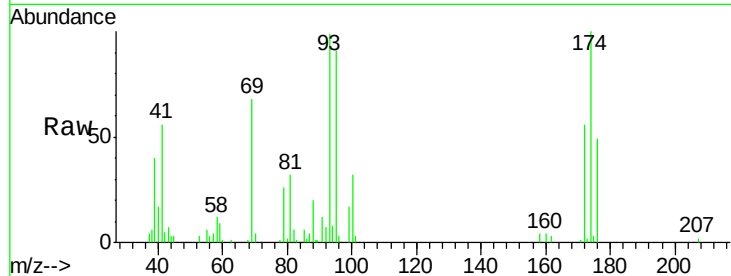
Tgt Ion: 88 Resp: 7824

Ion Ratio Lower Upper

88 100

43 32.1 25.6 38.4

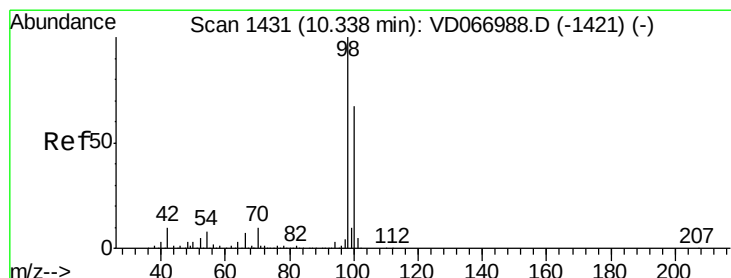
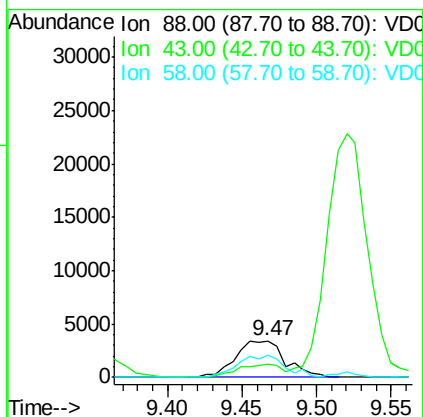
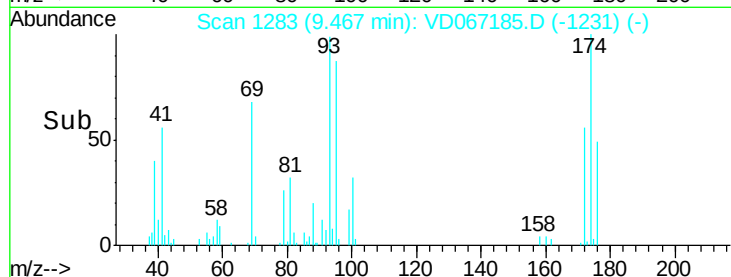
58 58.0 53.5 80.3



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 52.085 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067185.D

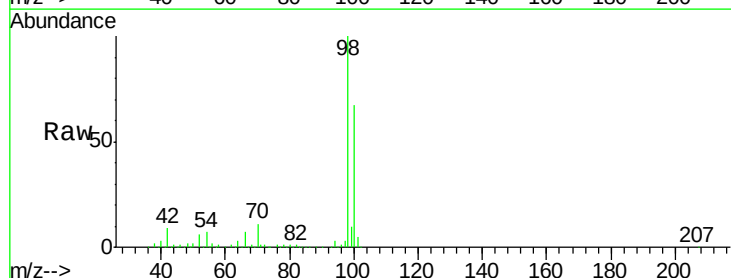
Acq: 08 Oct 2020 10:57

Tgt Ion: 98 Resp: 668268

Ion Ratio Lower Upper

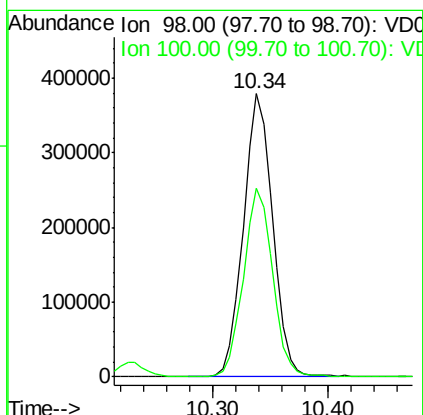
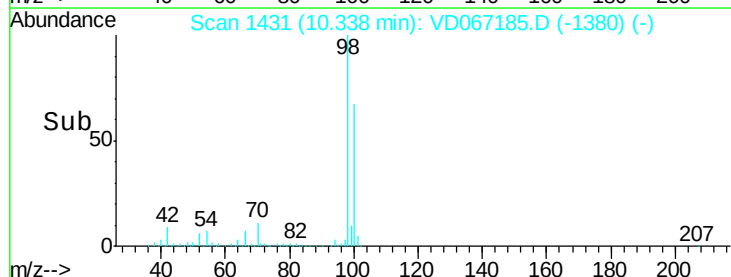
98 100

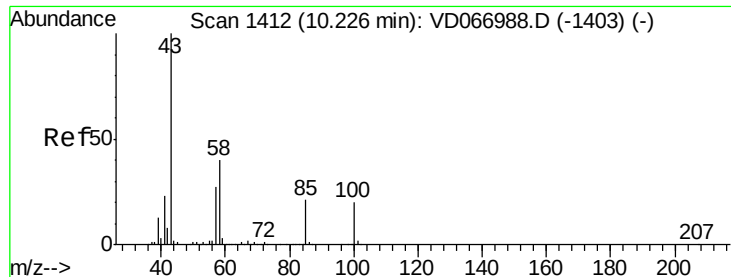
100 66.7 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

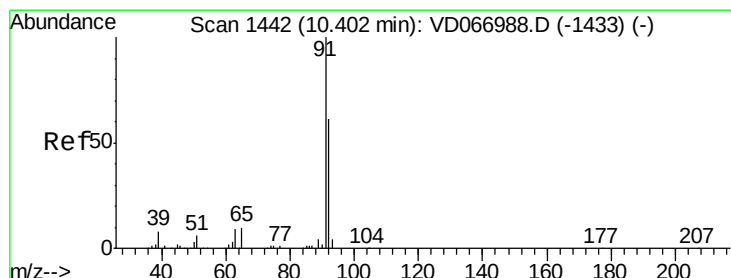
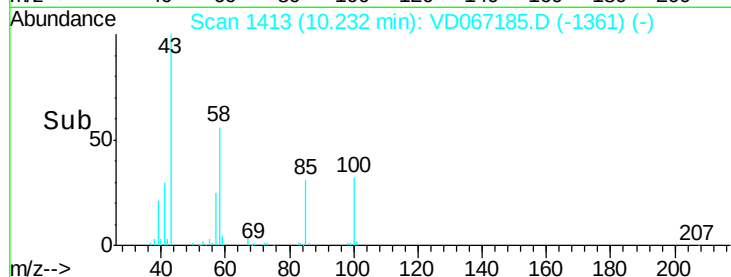
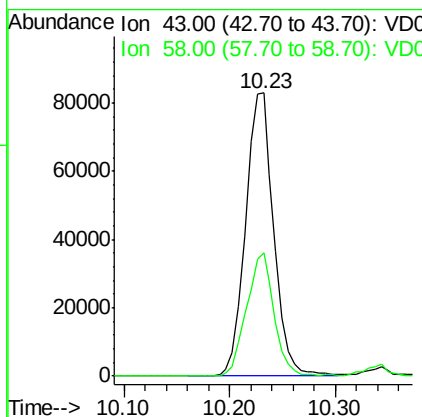
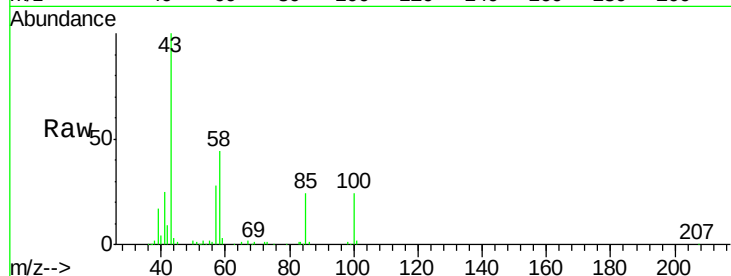




#51
 4-Methyl-2-Pentanone
 Concen: 96.398 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

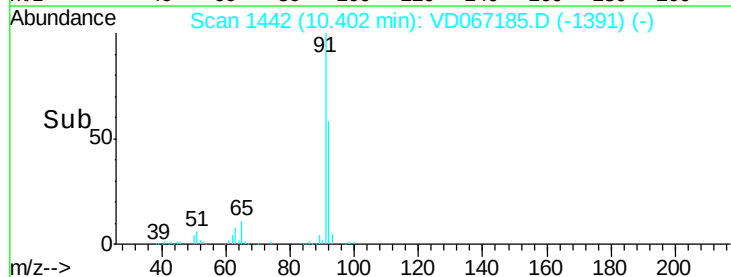
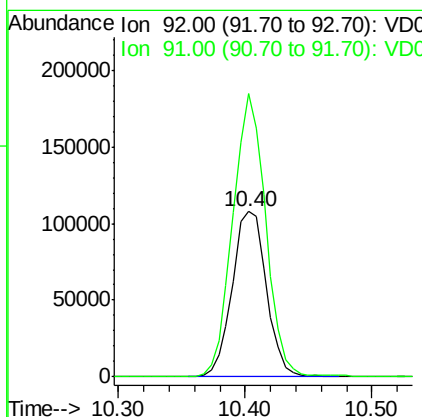
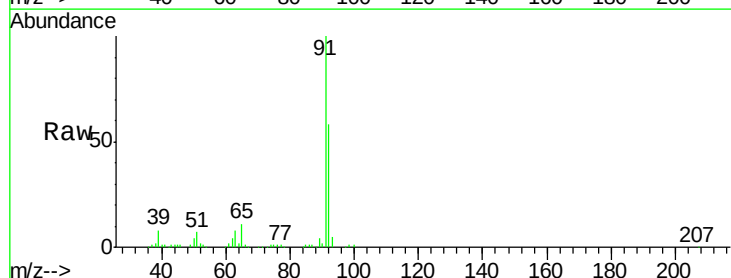
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

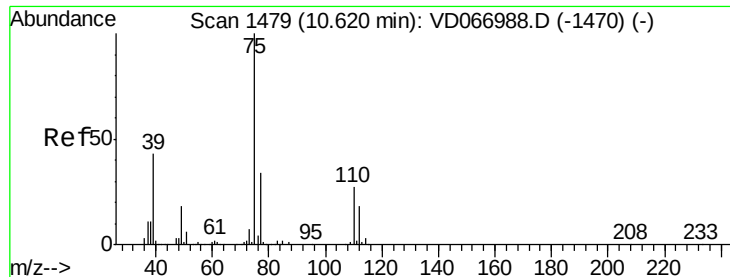
Tgt Ion: 43 Resp: 153620
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.8 50.8



#52
 Toluene
 Concen: 22.413 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion: 92 Resp: 201041
 Ion Ratio Lower Upper
 92 100
 91 164.7 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 21.425 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

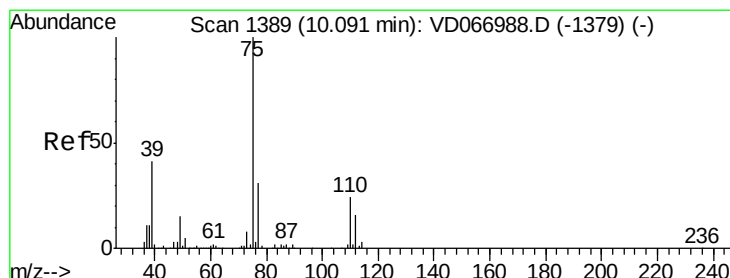
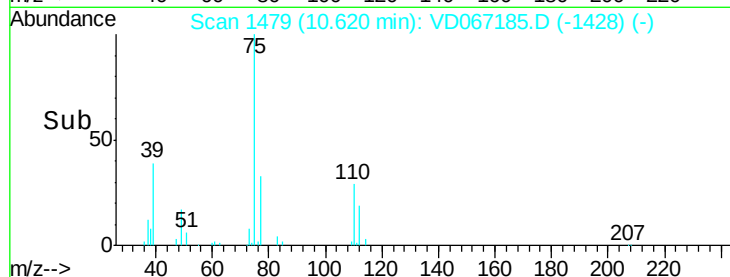
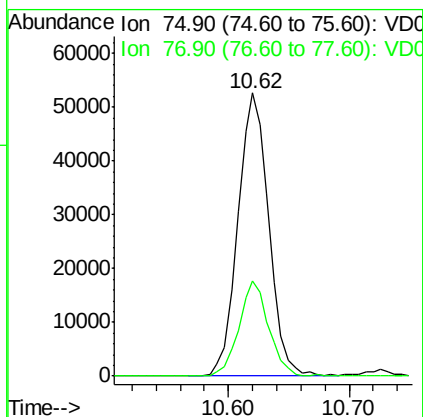
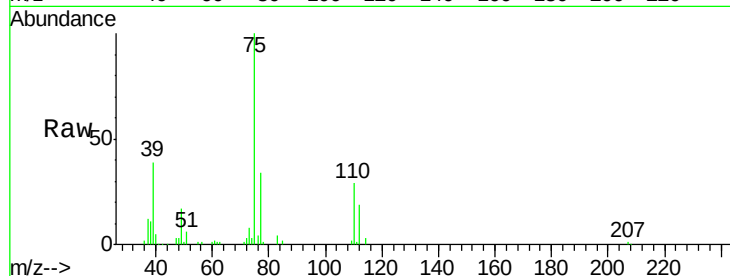
VD1008SBS01

Tgt Ion: 75 Resp: 93596

Ion Ratio Lower Upper

75 100

77 33.7 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 21.372 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

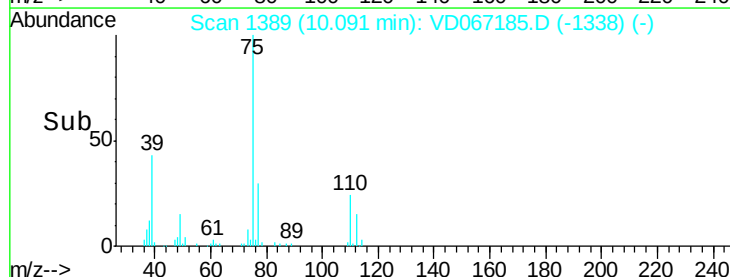
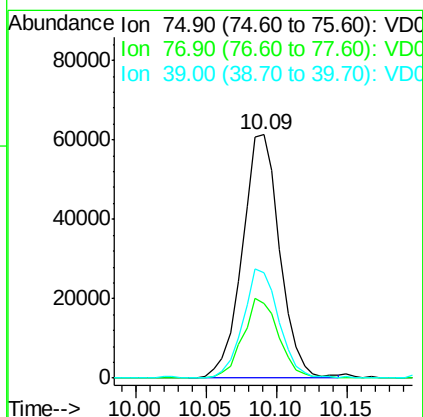
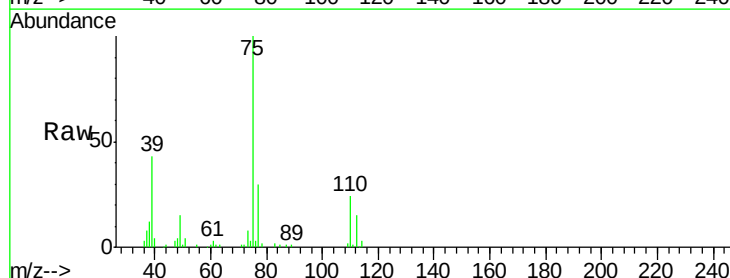
Tgt Ion: 75 Resp: 114009

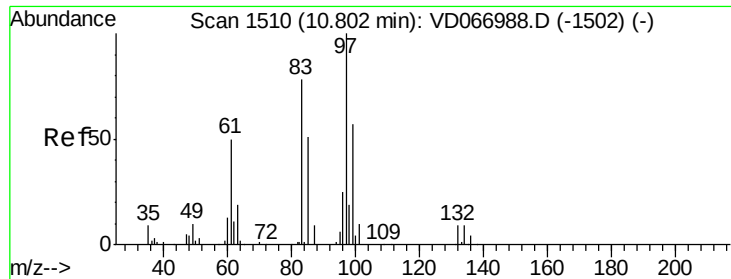
Ion Ratio Lower Upper

75 100

77 30.4 24.6 37.0

39 42.9 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 20.910 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

Tgt Ion: 97 Resp: 54665

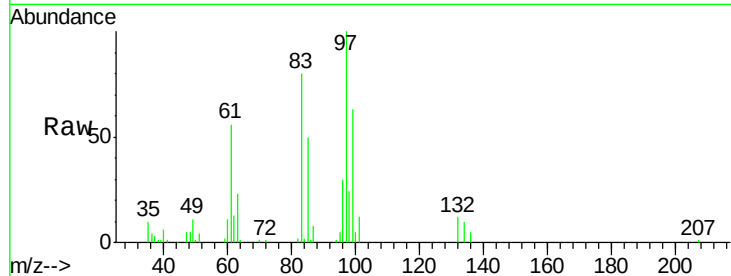
Ion Ratio Lower Upper

97 100

83 80.3 62.4 93.6

85 50.7 41.0 61.4

99 63.0 45.9 68.9

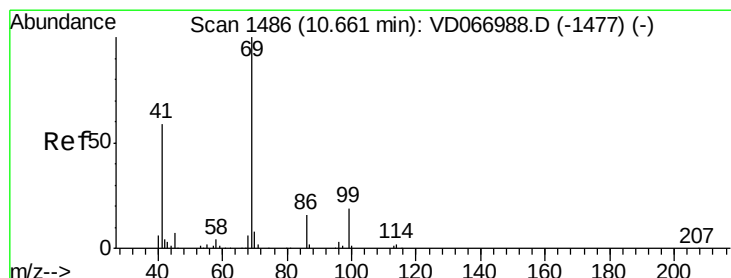
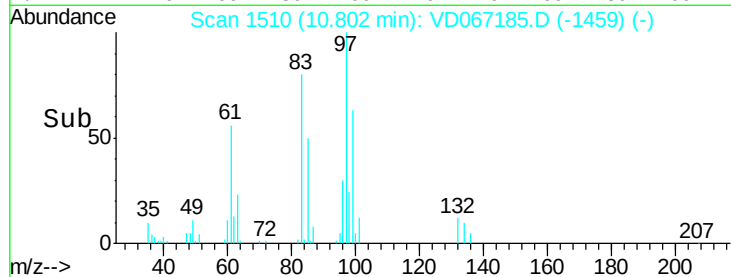
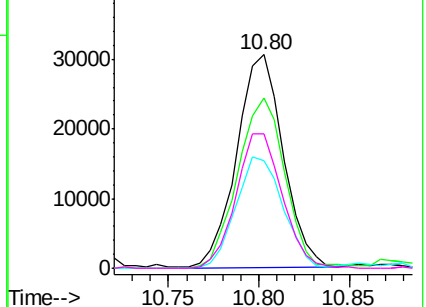


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 21.871 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

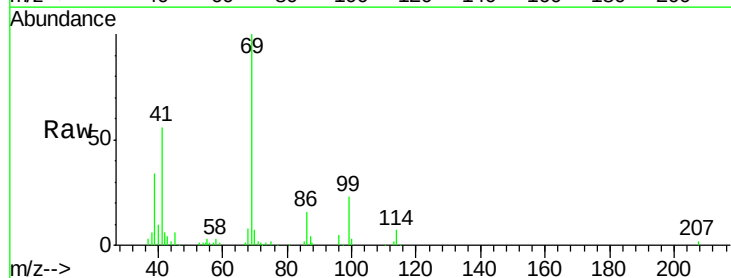
Tgt Ion: 69 Resp: 59032

Ion Ratio Lower Upper

69 100

41 53.1 46.4 69.6

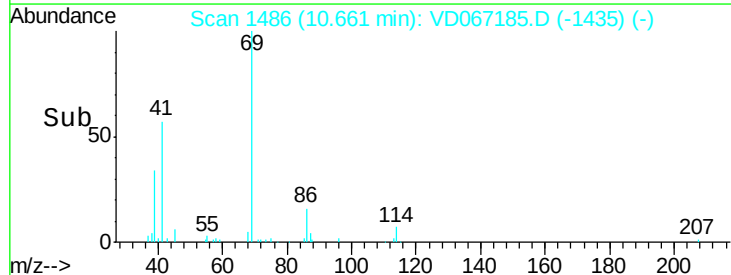
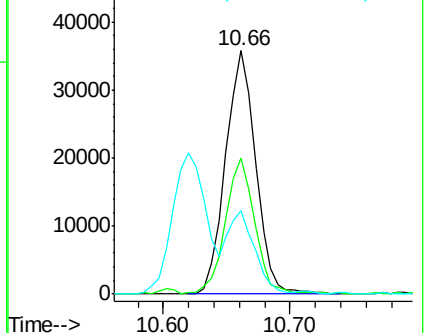
39 30.0 23.8 35.6

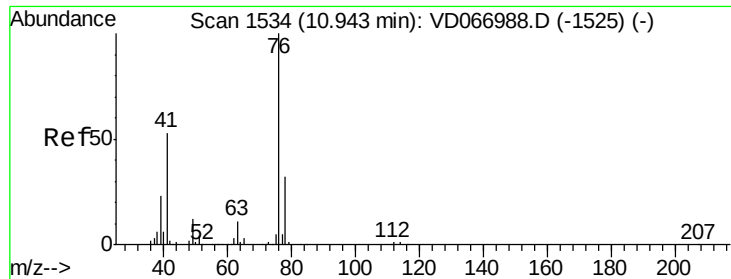


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 21.205 ug/l

RT: 10.95 min Scan# 1535

Delta R.T. 0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

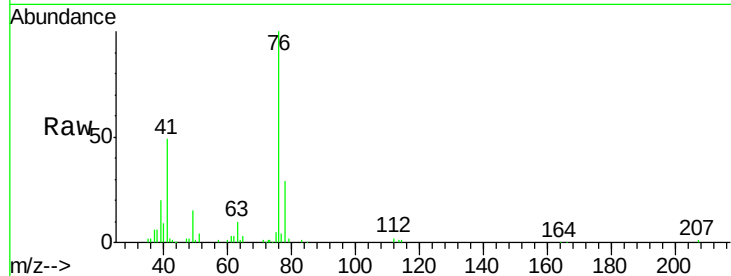
VD1008SBS01

Tgt Ion: 76 Resp: 89897

Ion Ratio Lower Upper

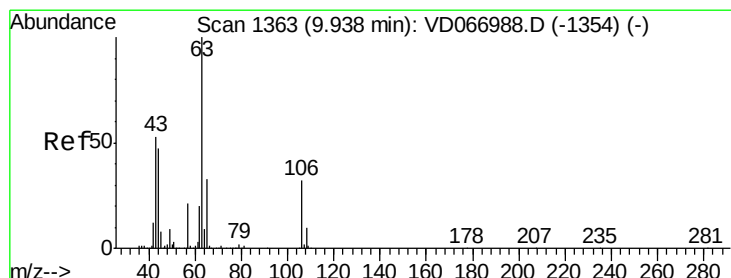
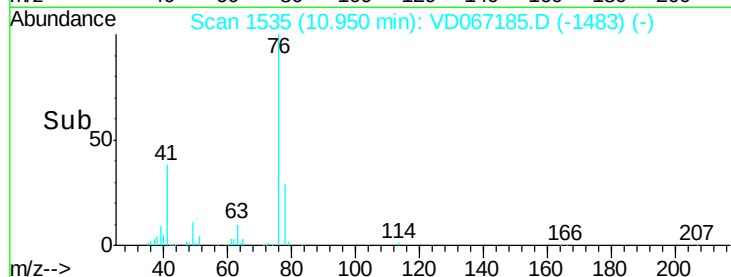
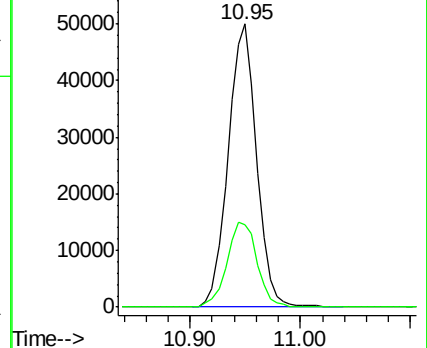
76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 98.274 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VD067185.D

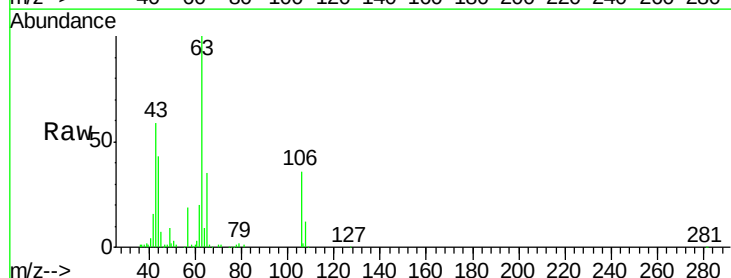
Acq: 08 Oct 2020 10:57

Tgt Ion: 63 Resp: 147637

Ion Ratio Lower Upper

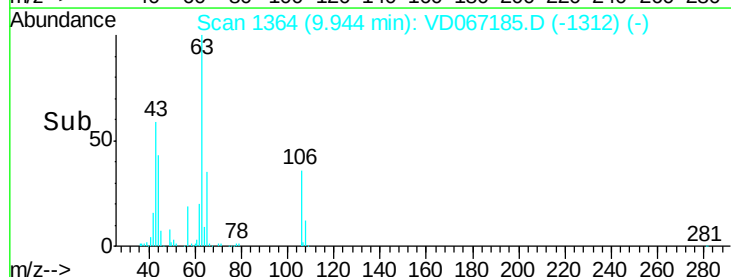
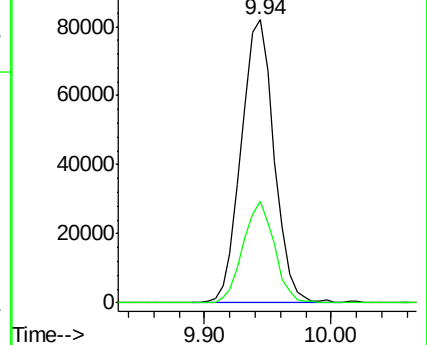
63 100

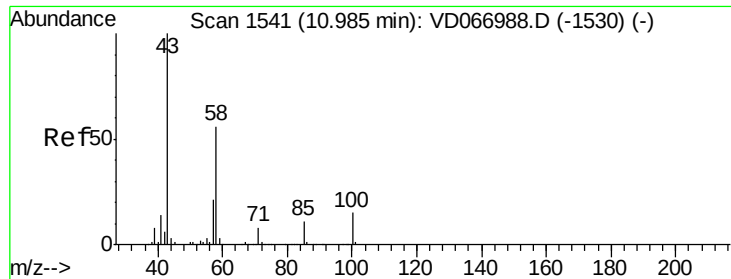
106 34.2 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

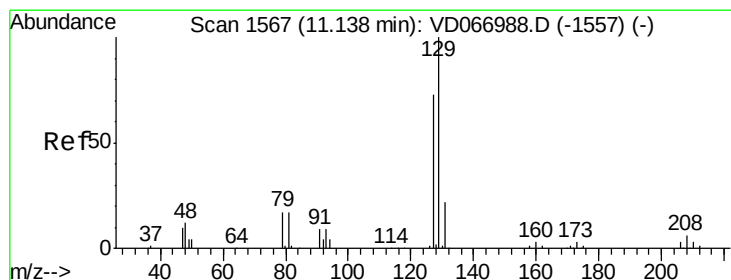
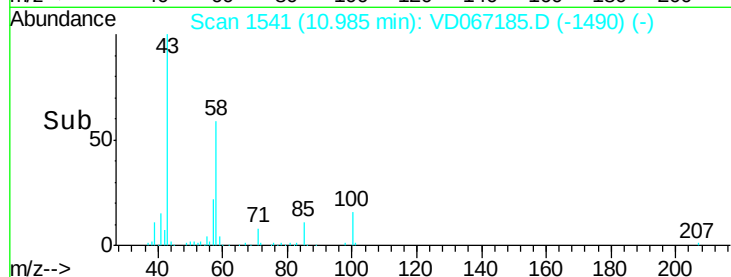
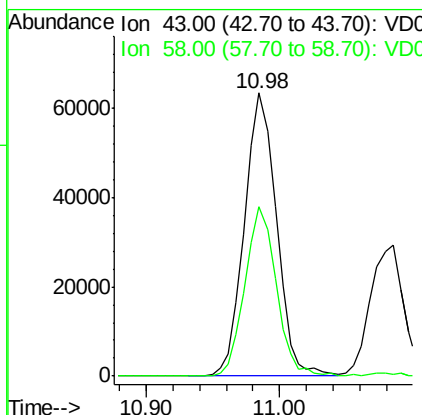
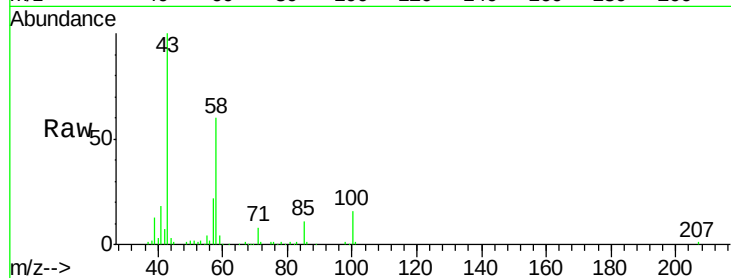




#59
2-Hexanone
Concen: 99.204 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

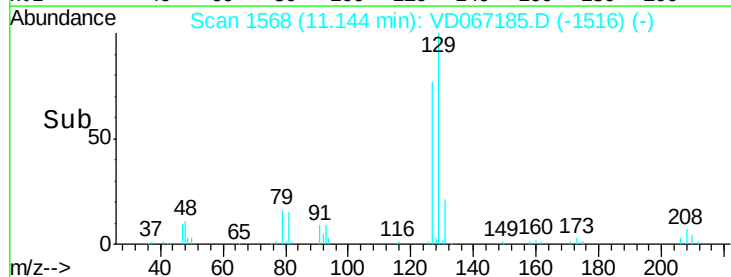
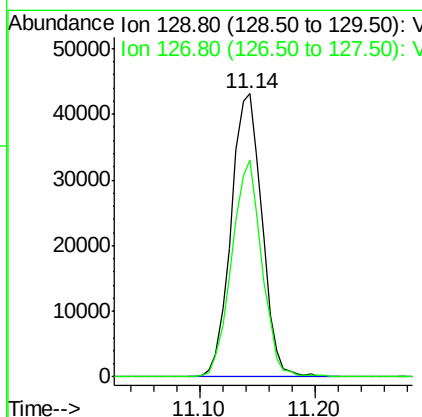
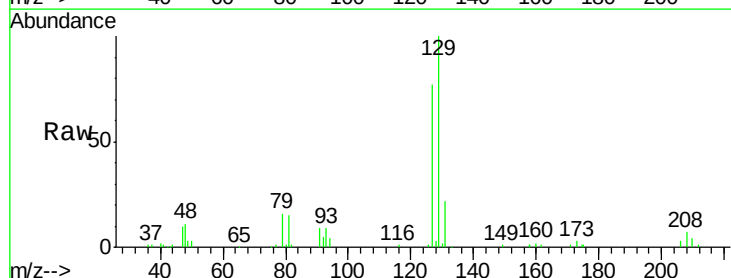
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

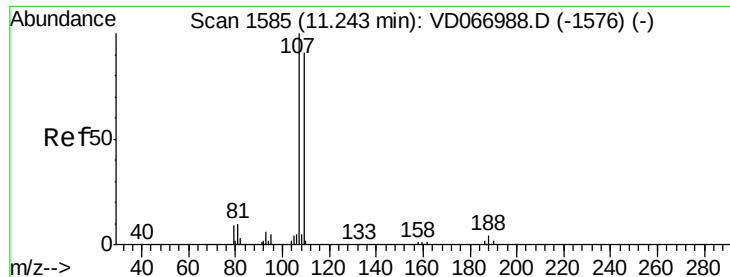
Tgt Ion: 43 Resp: 105517
Ion Ratio Lower Upper
43 100
58 58.4 28.3 84.9



#60
Dibromochloromethane
Concen: 22.941 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 129 Resp: 79937
Ion Ratio Lower Upper
129 100
127 74.7 37.4 112.1

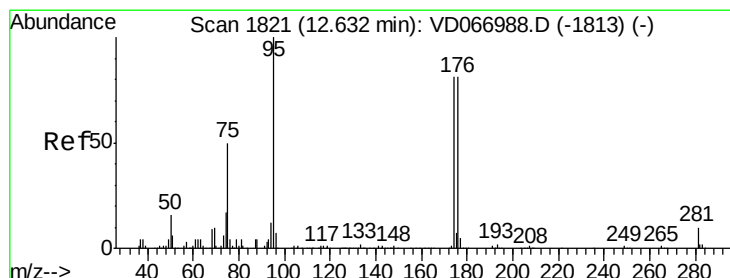
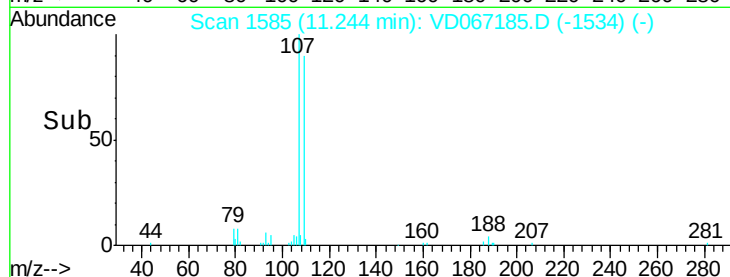
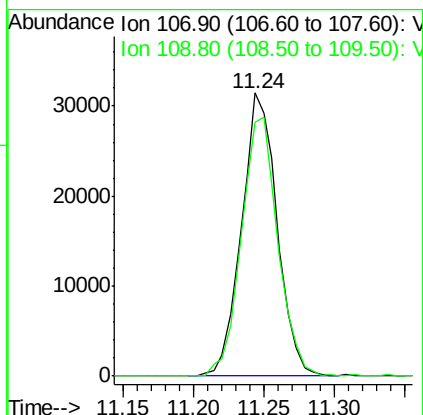
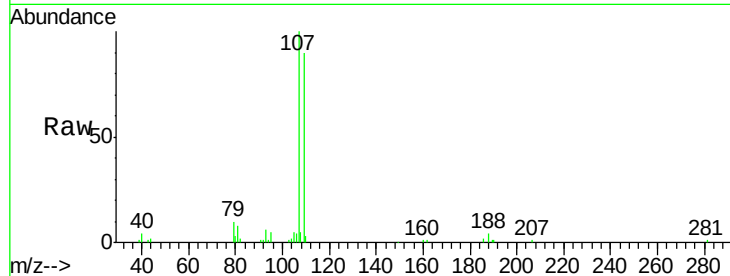




#61
 1,2-Dibromoethane
 Concen: 22.035 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

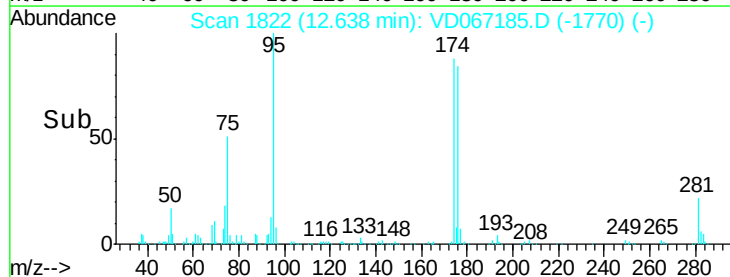
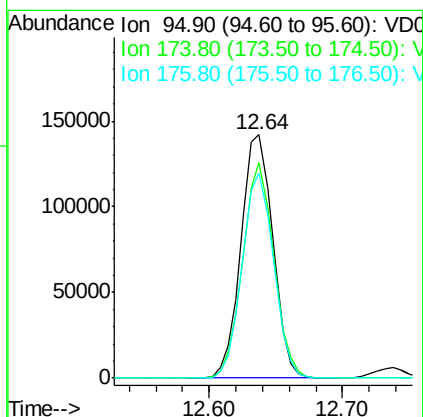
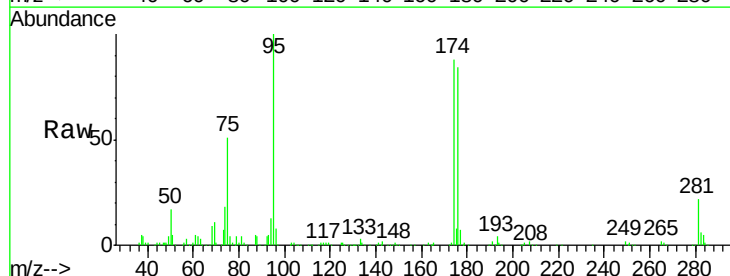
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

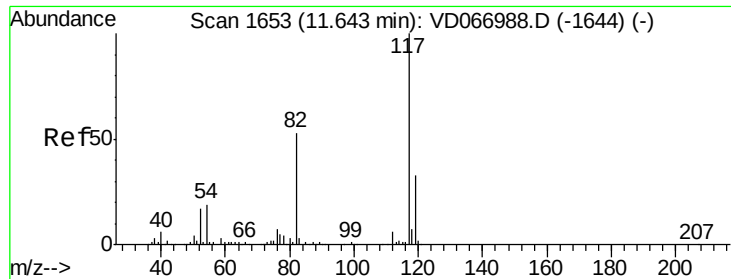
Tgt Ion: 107 Resp: 55344
 Ion Ratio Lower Upper
 107 100
 109 94.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 53.937 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion: 95 Resp: 234928
 Ion Ratio Lower Upper
 95 100
 174 86.3 0.0 167.6
 176 83.1 0.0 162.4

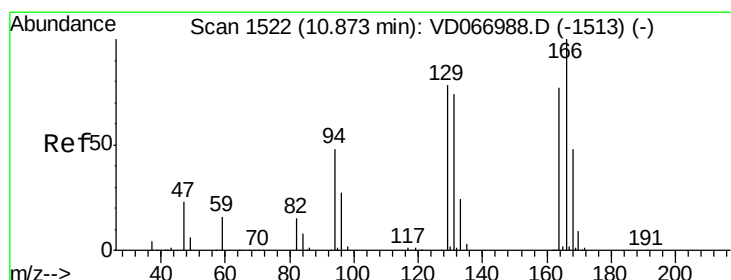
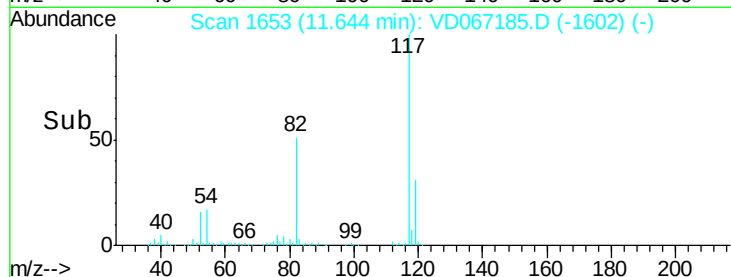
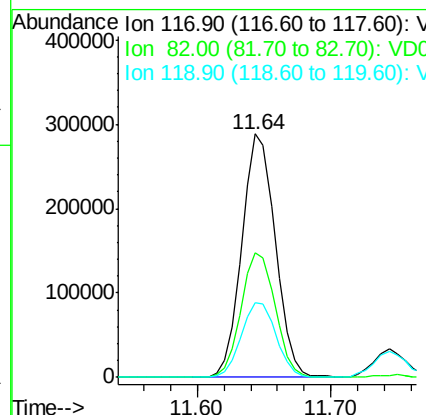
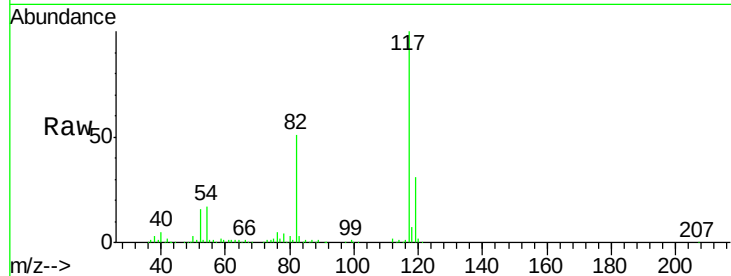




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

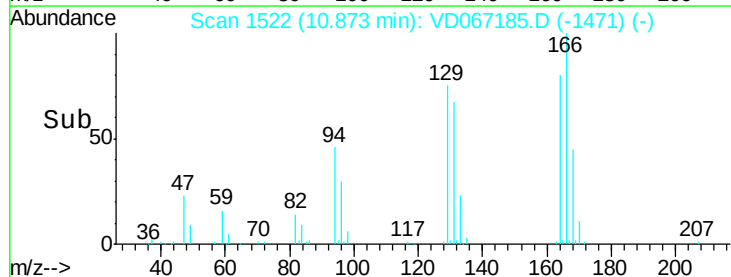
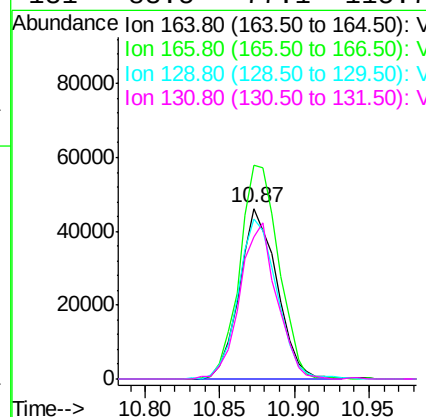
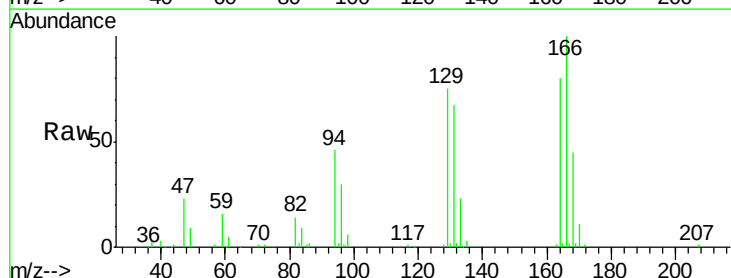
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

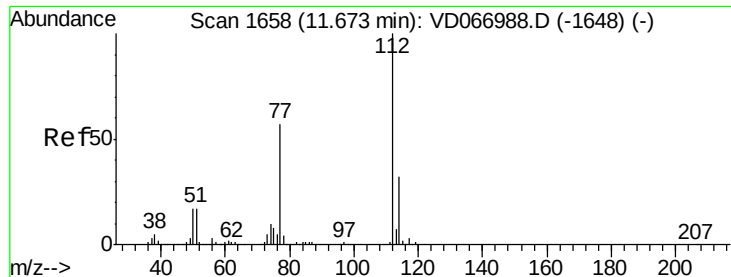
Tgt Ion:117 Resp: 501211
Ion Ratio Lower Upper
117 100
82 51.0 42.6 63.8
119 30.5 26.3 39.5



#64
Tetrachloroethene
Concen: 22.202 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion:164 Resp: 80899
Ion Ratio Lower Upper
164 100
166 125.4 104.4 156.6
129 93.6 81.3 121.9
131 83.5 77.1 115.7

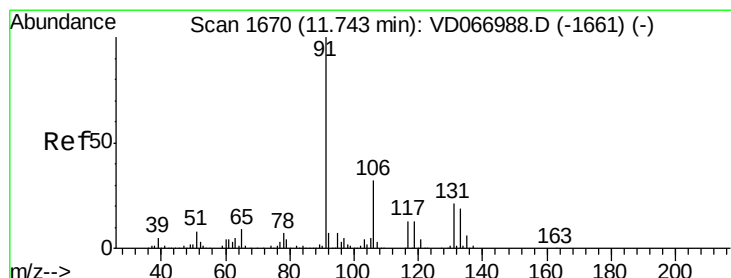
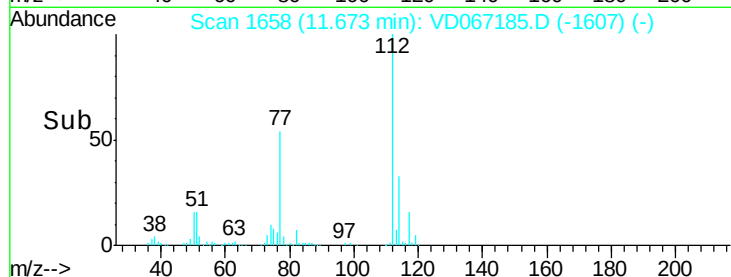
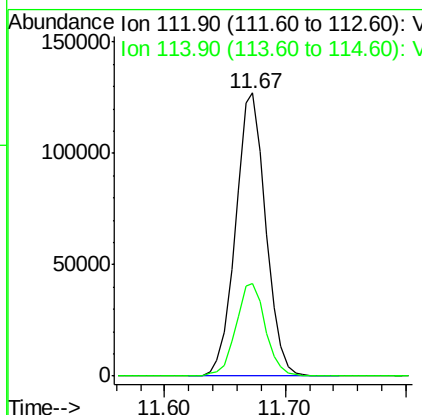
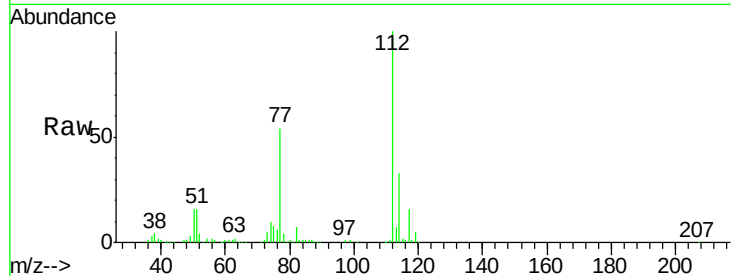




#65
Chlorobenzene
Concen: 22.155 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

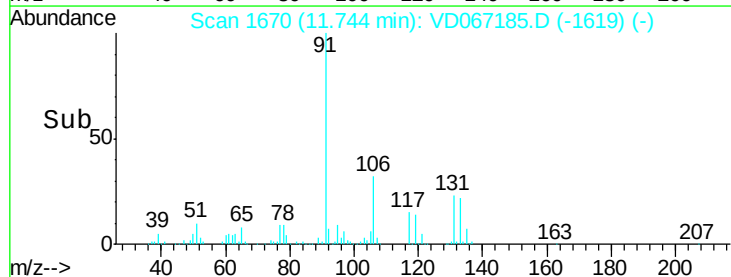
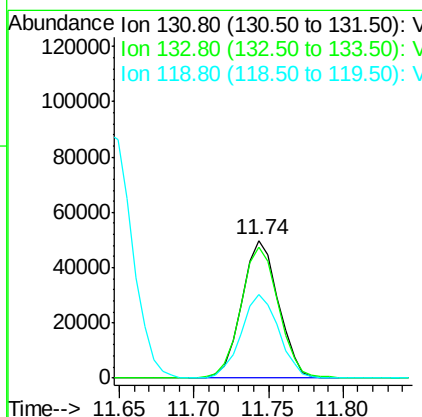
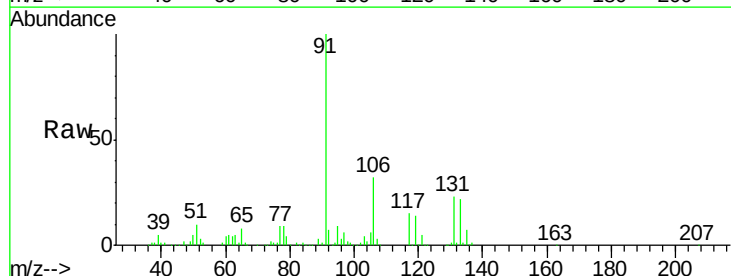
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

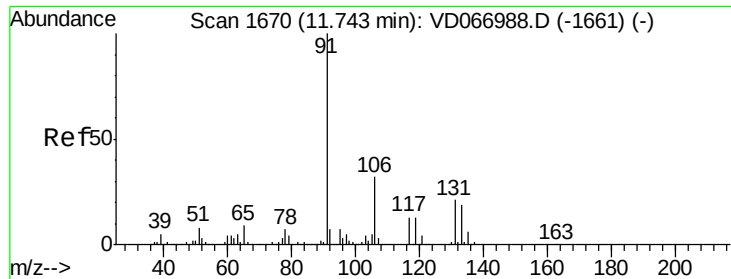
Tgt Ion:112 Resp: 220855
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.372 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion:131 Resp: 84830
Ion Ratio Lower Upper
131 100
133 97.4 47.8 143.3
119 62.7 32.3 96.8

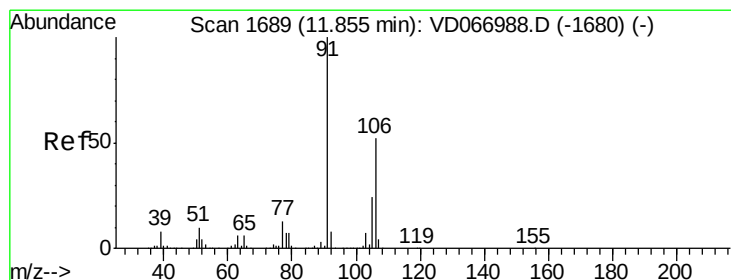
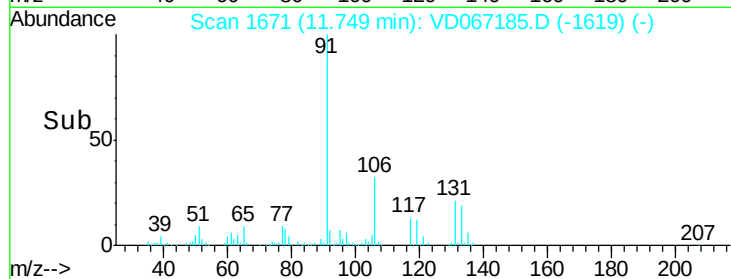
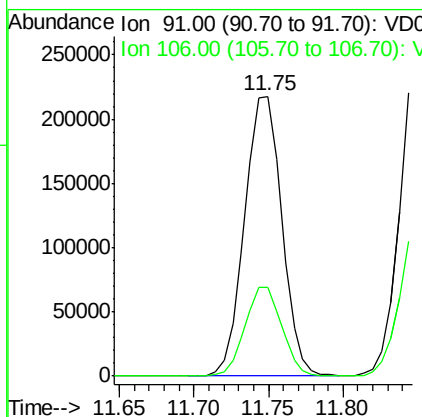
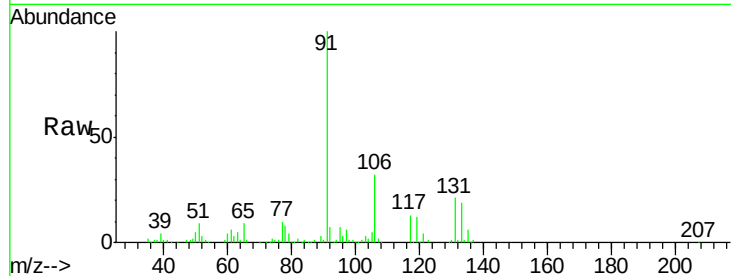




#67
Ethyl Benzene
Concen: 22.096 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

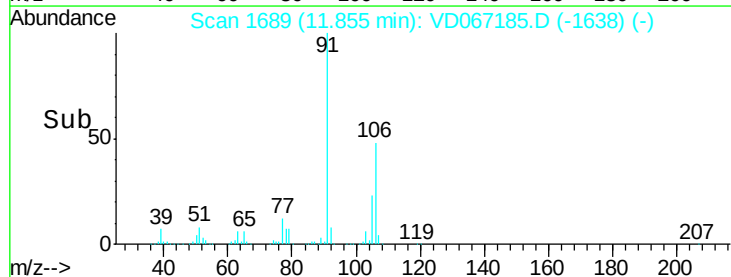
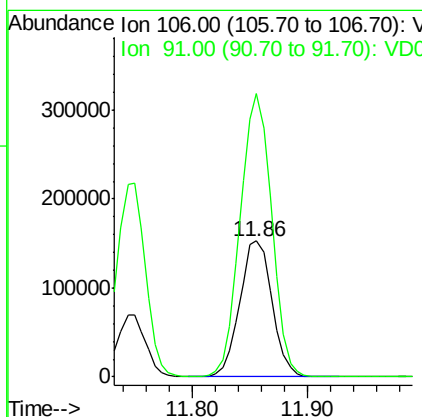
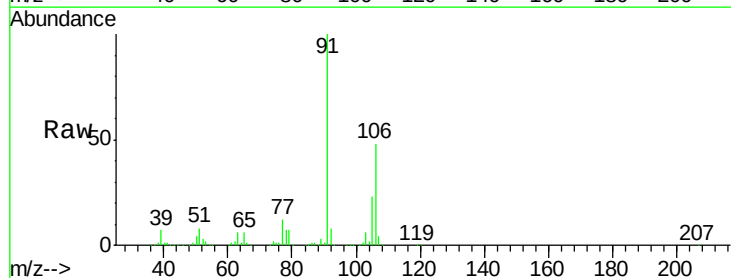
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

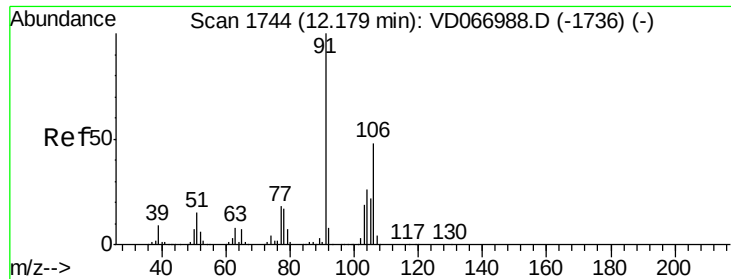
Tgt Ion: 91 Resp: 377403
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.2



#68
m/p-Xylenes
Concen: 44.808 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 106 Resp: 298259
Ion Ratio Lower Upper
106 100
91 202.4 158.4 237.6

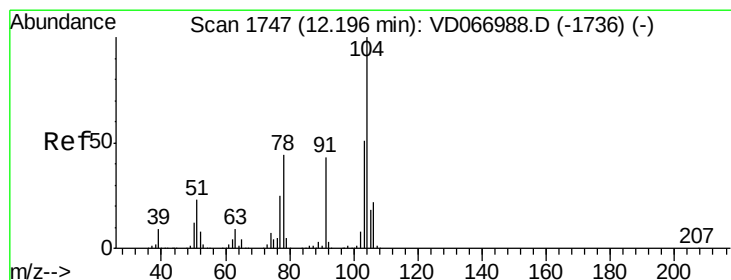
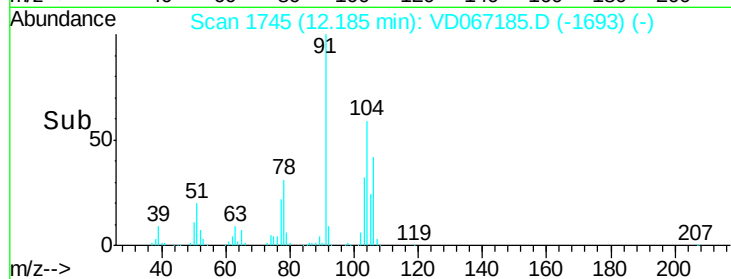
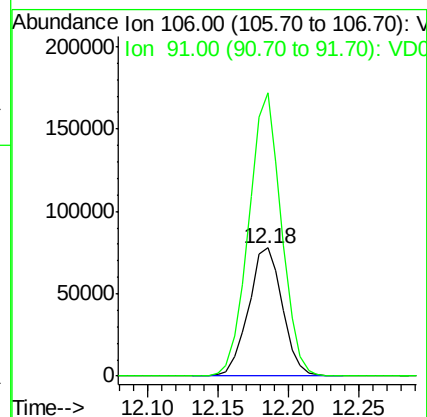
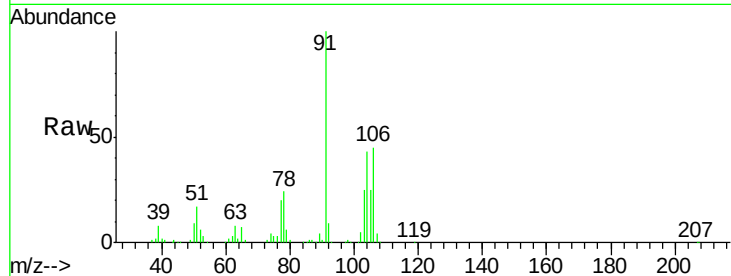




#69
o-Xylene
Concen: 22.020 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

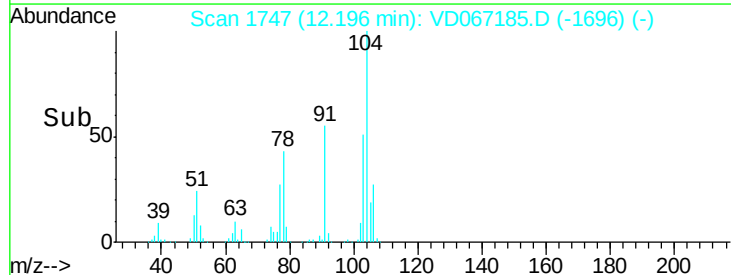
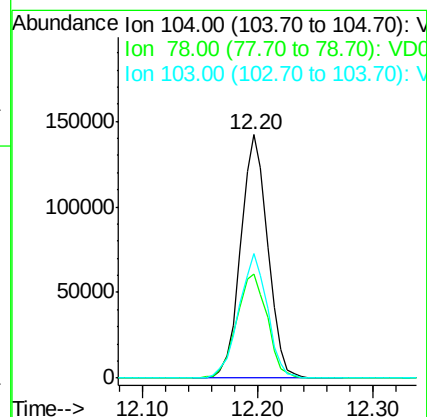
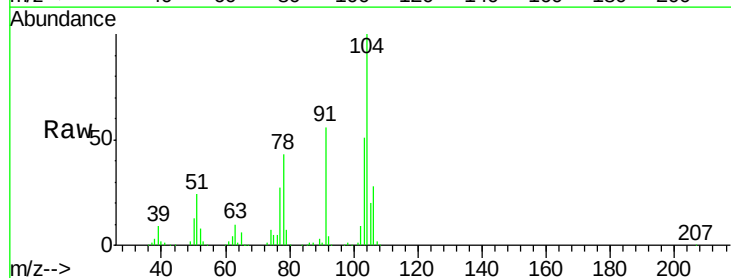
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

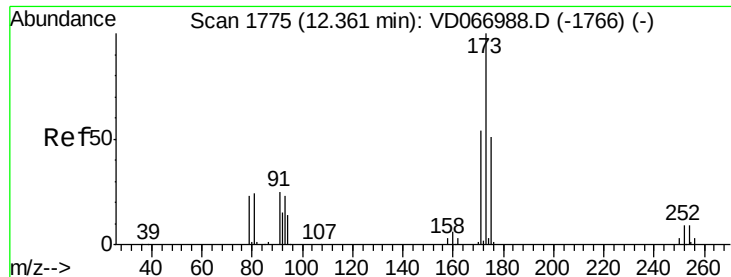
Tgt Ion:106 Resp: 131071
Ion Ratio Lower Upper
106 100
91 213.1 102.4 307.2



#70
Styrene
Concen: 22.522 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion:104 Resp: 230202
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 23.202 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

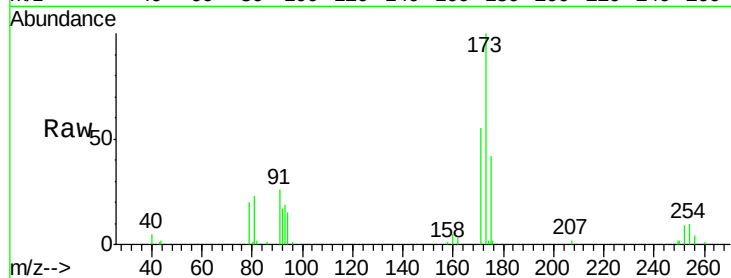
Tgt Ion:173 Resp: 45669

Ion Ratio Lower Upper

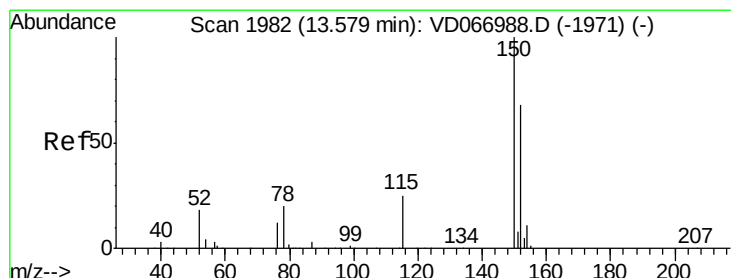
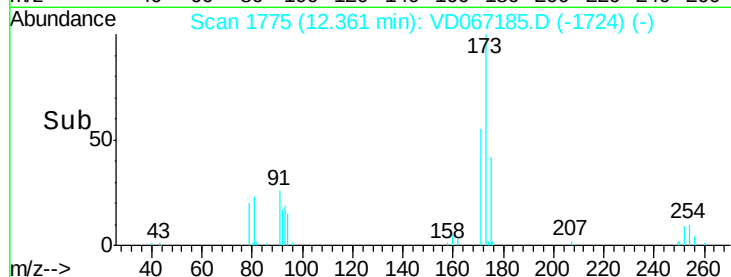
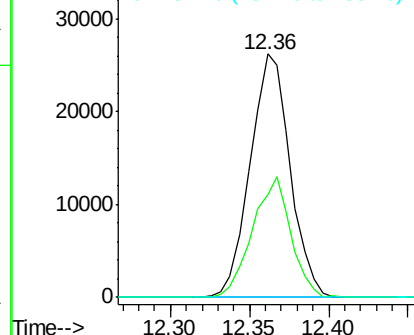
173 100

175 47.6 24.9 74.7

254 0.0 0.2 0.4#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

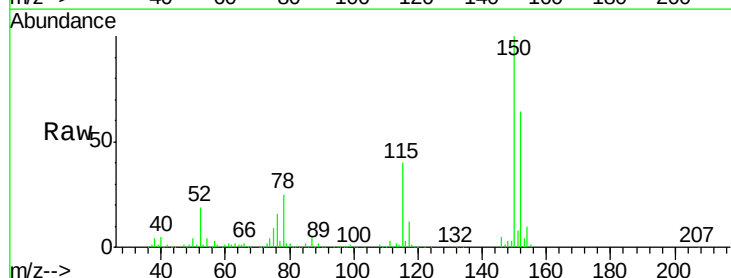
Tgt Ion:152 Resp: 253425

Ion Ratio Lower Upper

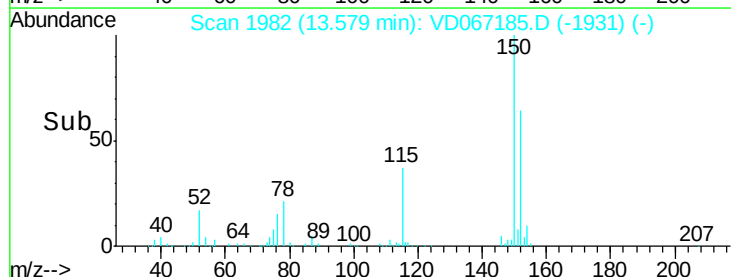
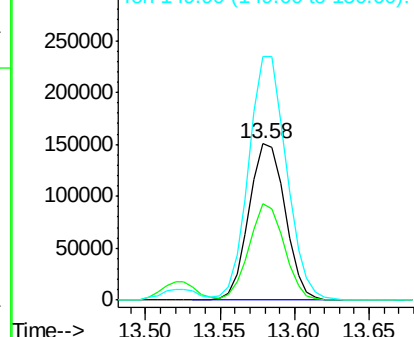
152 100

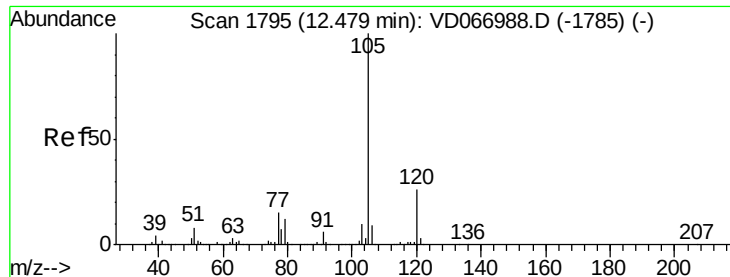
115 59.4 29.6 88.8

150 162.3 0.0 344.8



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





#73

Isopropylbenzene

Concen: 21.594 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

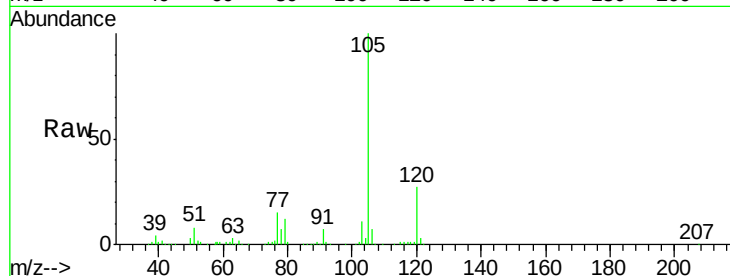
VD1008SBS01

Tgt Ion:105 Resp: 371582

Ion Ratio Lower Upper

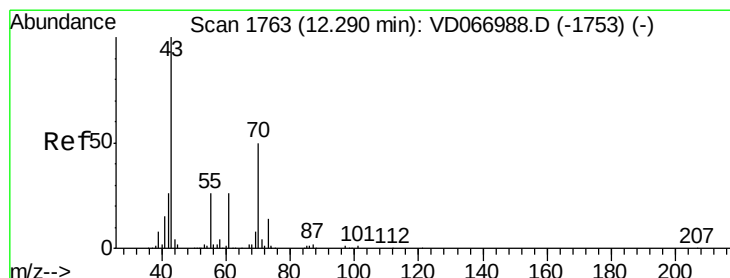
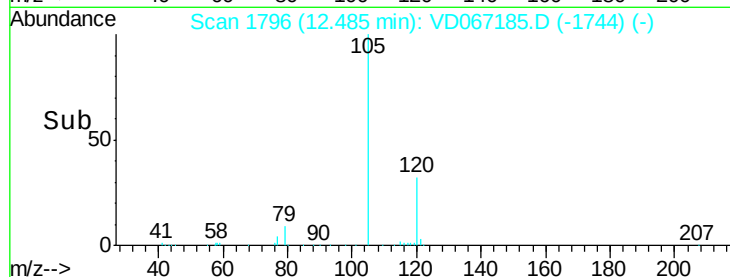
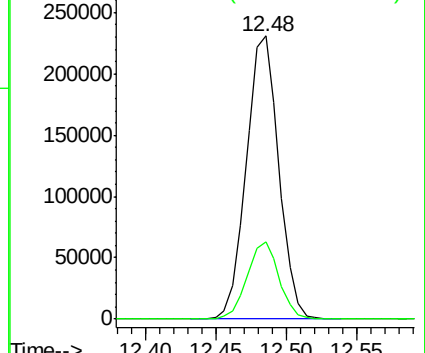
105 100

120 26.7 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.611 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Tgt Ion: 43 Resp: 54477

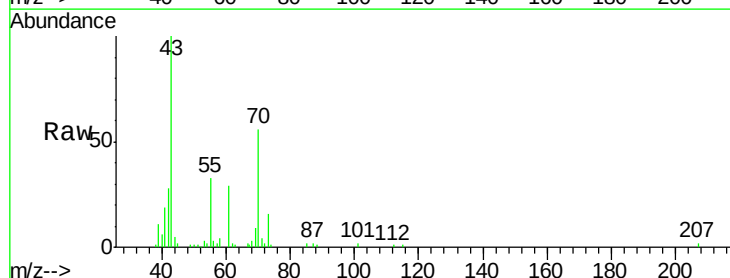
Ion Ratio Lower Upper

43 100

70 52.1 38.2 57.2

55 31.9 22.4 33.6

61 29.4 20.6 31.0

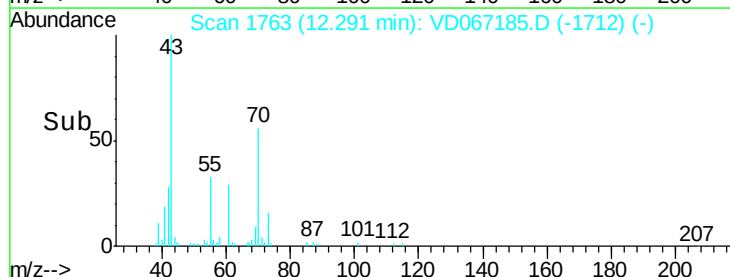
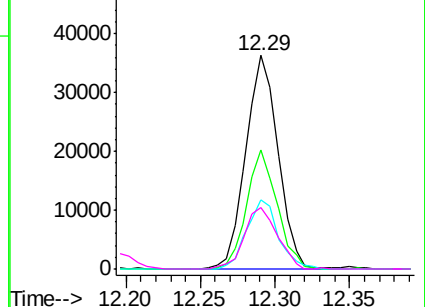


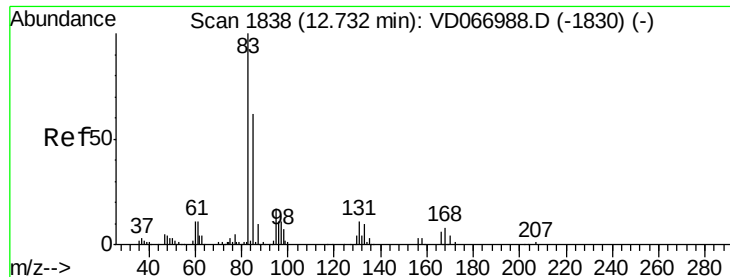
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.527 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

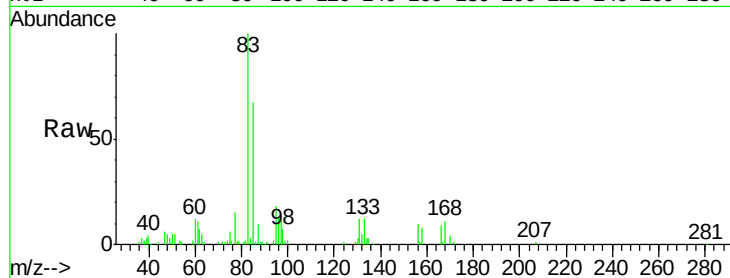
Tgt Ion: 83 Resp: 56613

Ion Ratio Lower Upper

83 100

131 12.6 5.7 17.0

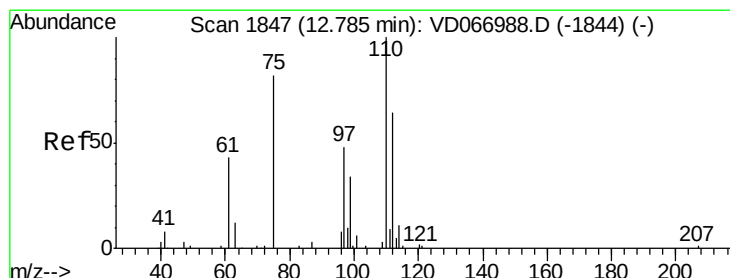
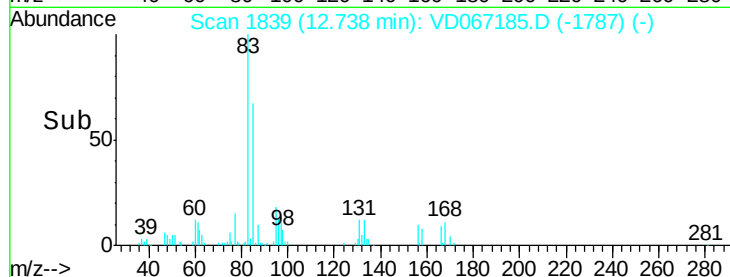
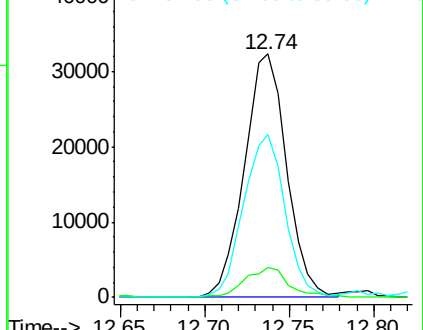
85 65.0 32.0 96.2



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: 34.789 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD067185.D

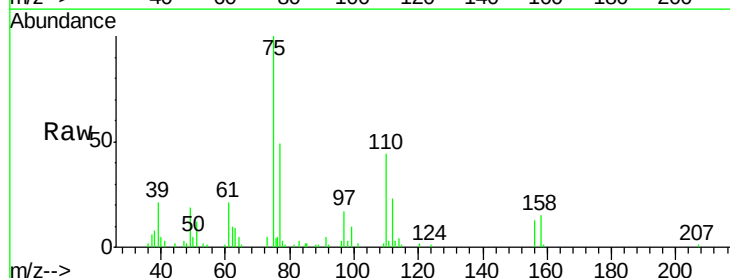
Acq: 08 Oct 2020 10:57

Tgt Ion: 75 Resp: 76793

Ion Ratio Lower Upper

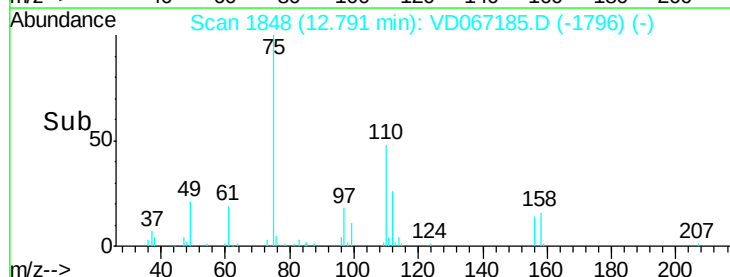
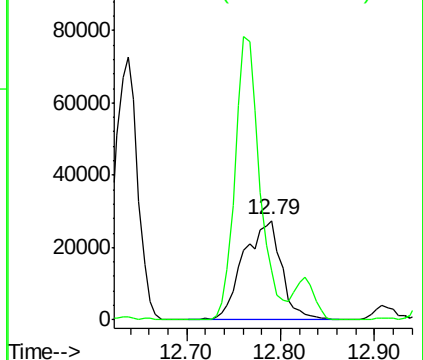
75 100

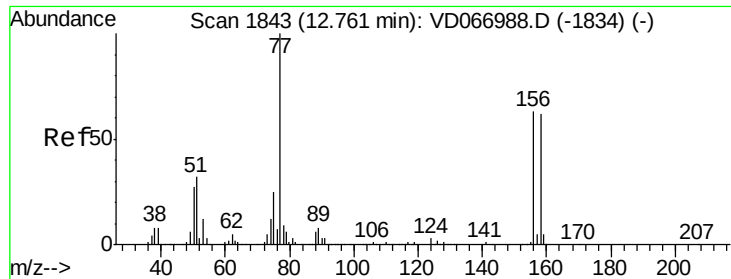
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 22.564 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

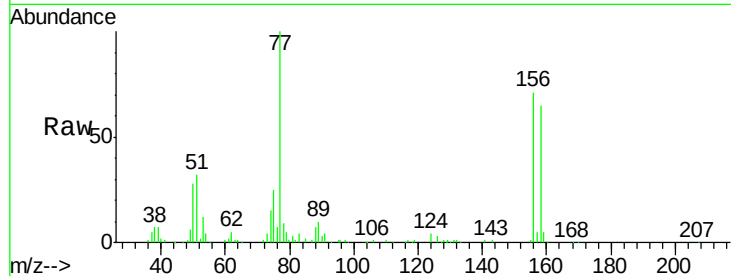
Tgt Ion:156 Resp: 93757

Ion Ratio Lower Upper

156 100

77 155.0 86.3 258.8

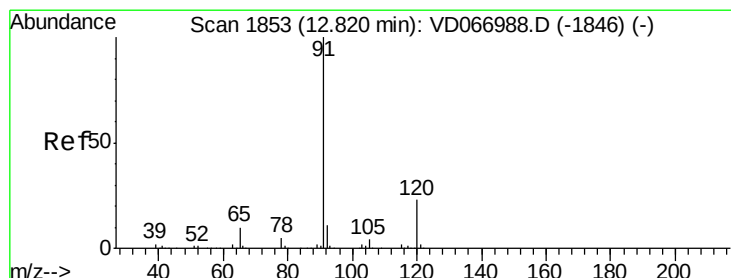
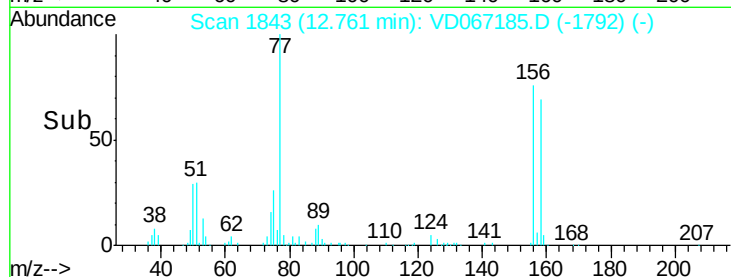
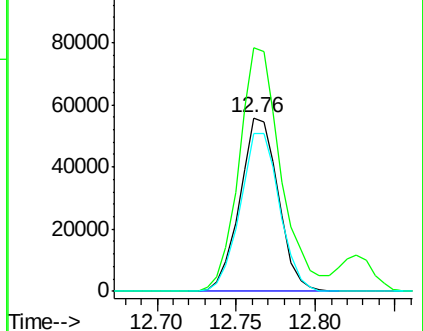
158 93.7 49.5 148.3



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: 21.426 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067185.D

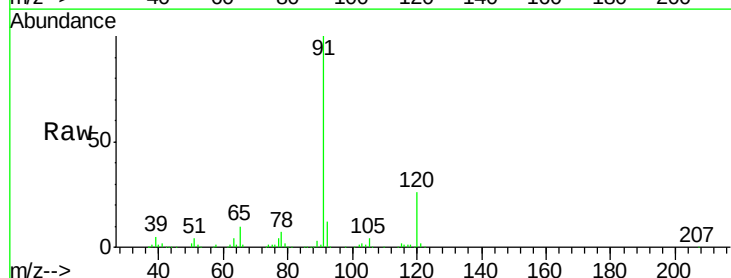
Acq: 08 Oct 2020 10:57

Tgt Ion: 91 Resp: 435737

Ion Ratio Lower Upper

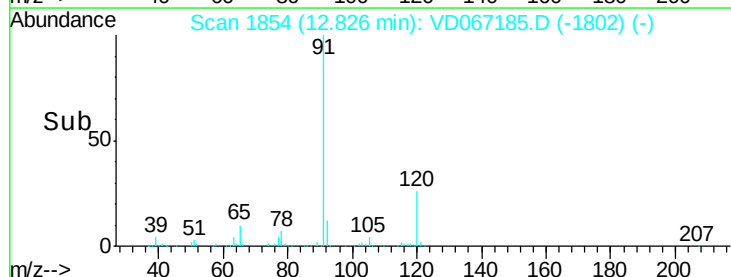
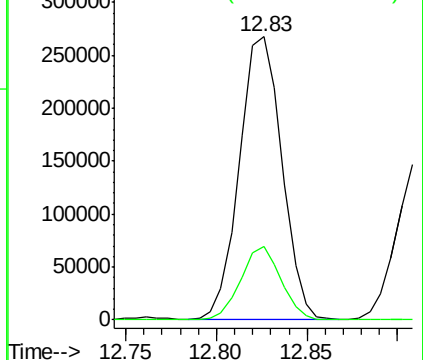
91 100

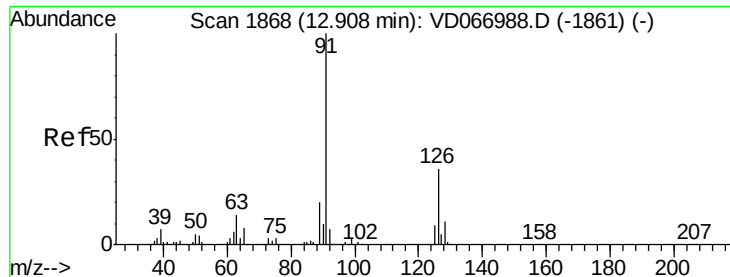
120 24.6 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

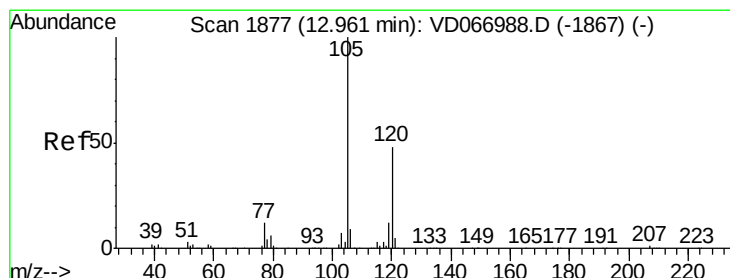
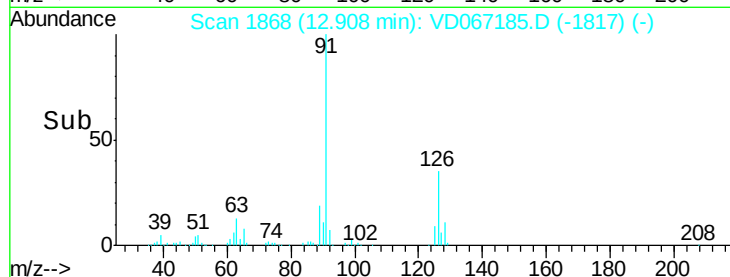
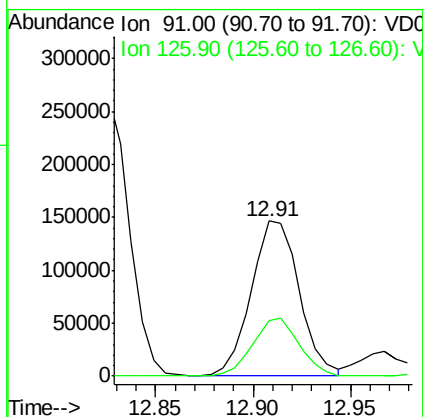
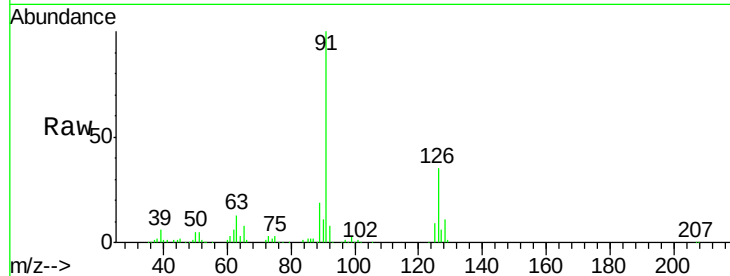




#79
2-Chlorotoluene
Concen: 21.491 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

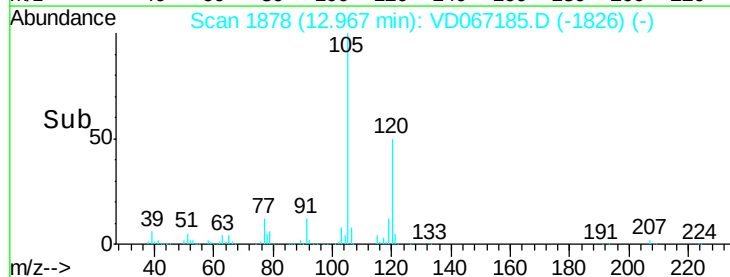
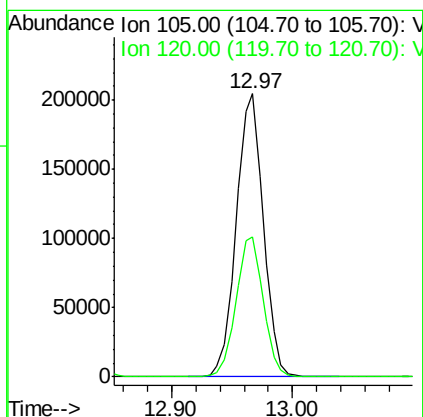
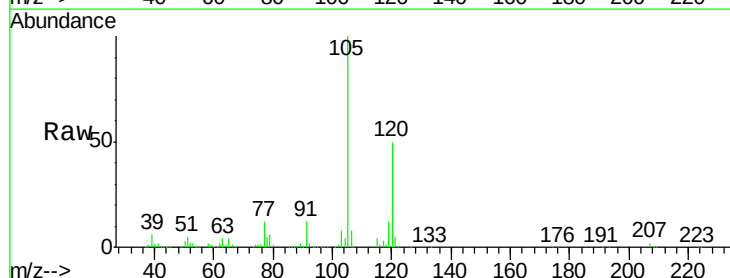
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

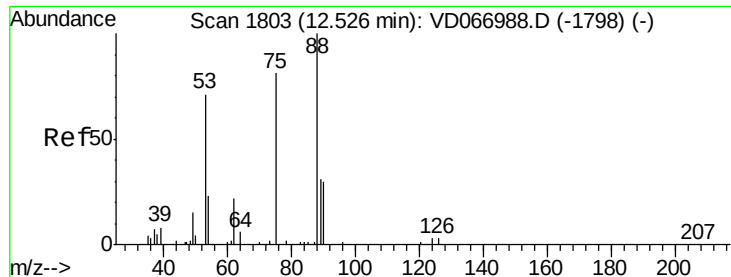
Tgt Ion: 91 Resp: 250055
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 22.002 ug/l
RT: 12.97 min Scan# 1878
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 105 Resp: 319876
Ion Ratio Lower Upper
105 100
120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.531 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

VD1008SBS01

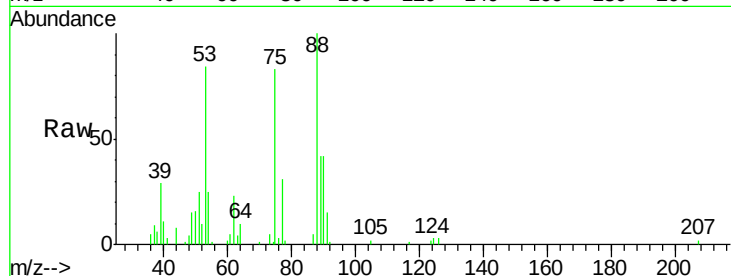
Tgt Ion: 75 Resp: 17293

Ion Ratio Lower Upper

75 100

53 92.3 73.8 110.6

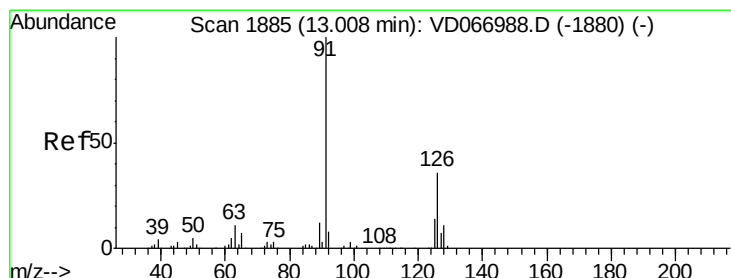
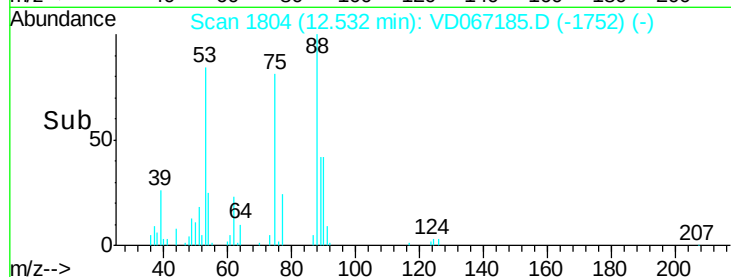
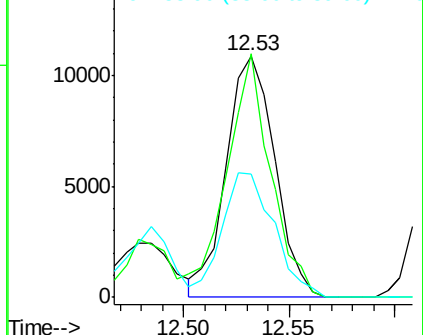
89 55.2 38.9 58.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.481 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067185.D

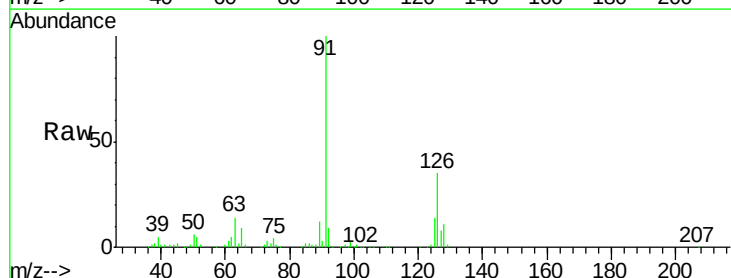
Acq: 08 Oct 2020 10:57

Tgt Ion: 91 Resp: 265927

Ion Ratio Lower Upper

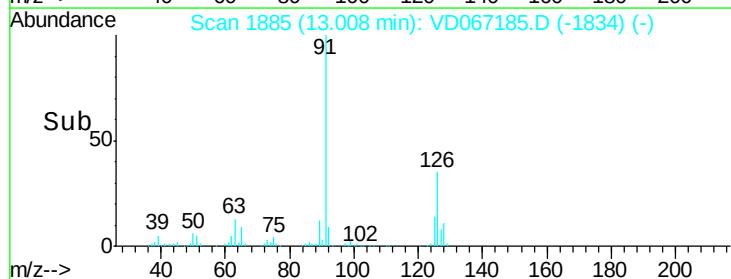
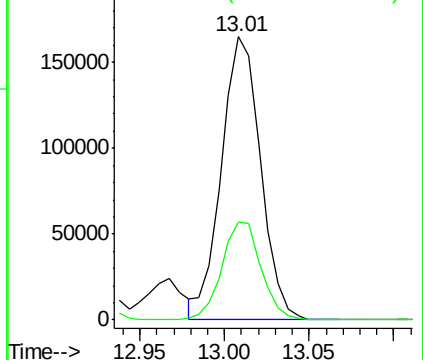
91 100

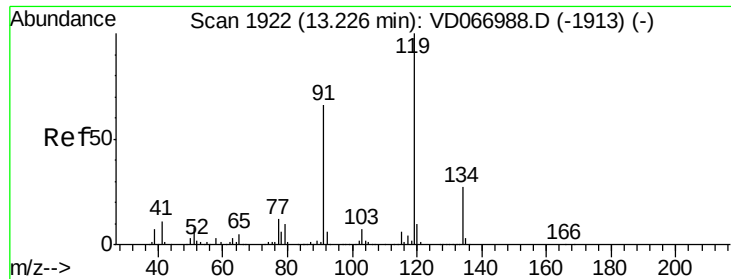
126 34.9 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

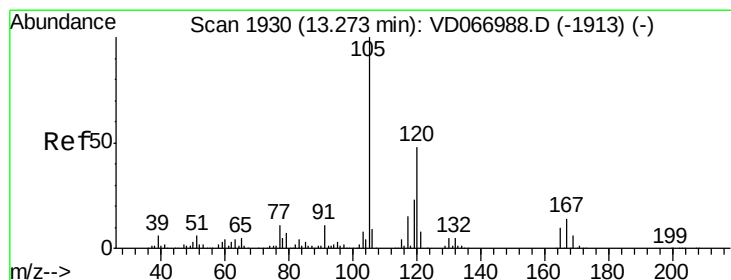
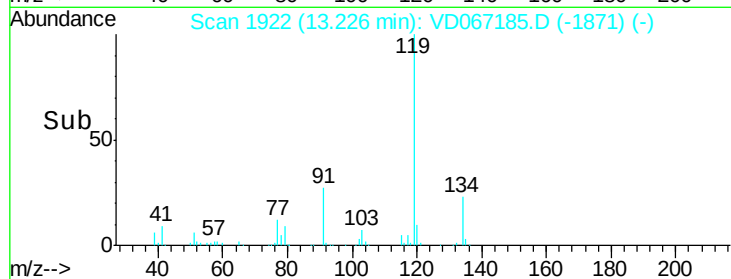
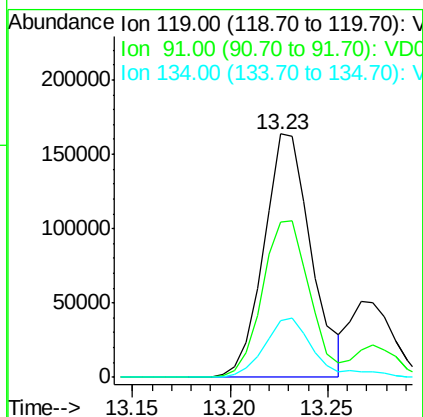
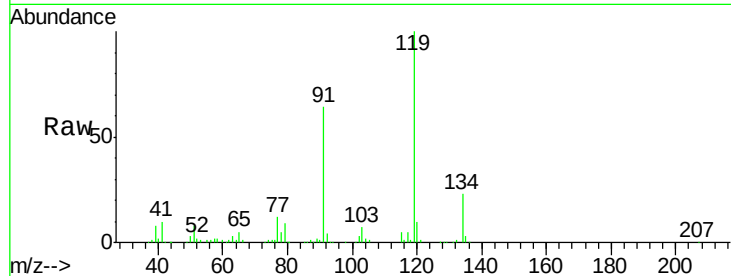




#83
 tert-Butylbenzene
 Concen: 22.468 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

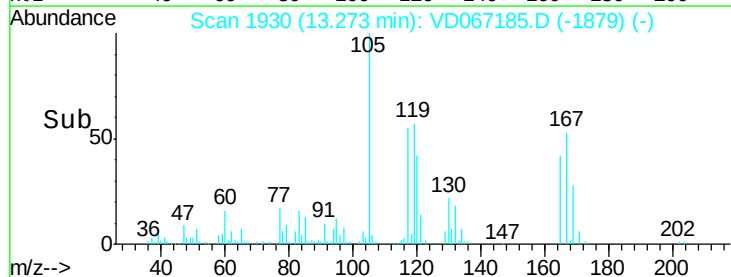
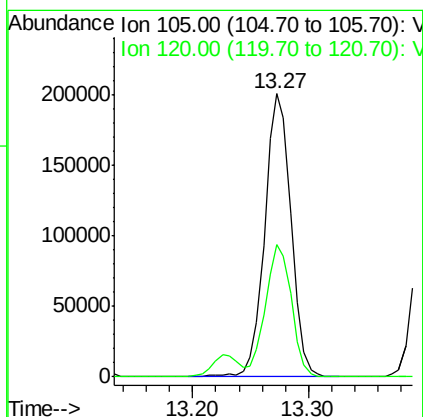
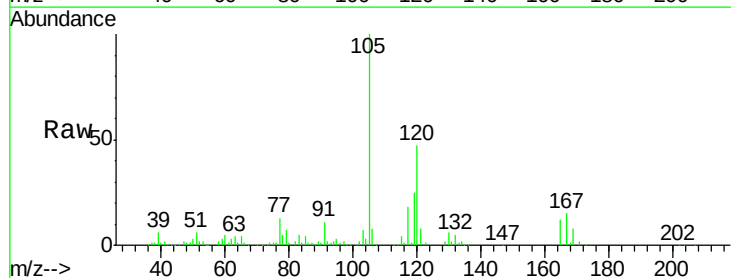
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

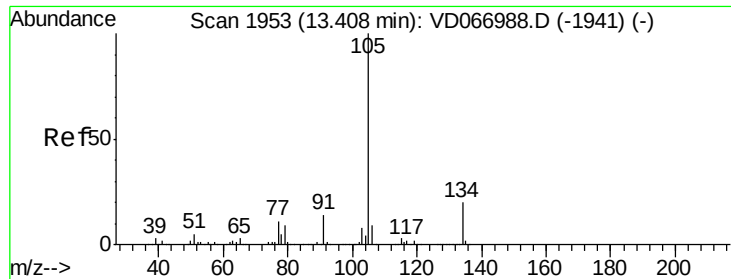
Tgt Ion:119 Resp: 275078
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.8 98.3
 134 25.9 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.003 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion:105 Resp: 319243
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.772 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

Instrument :

MSVOA_D

ClientSampleId :

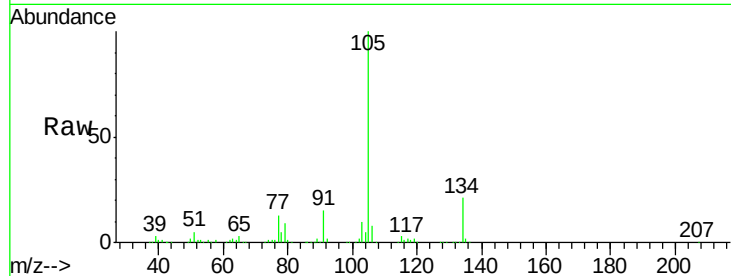
VD1008SBS01

Tgt Ion:105 Resp: 375376

Ion Ratio Lower Upper

105 100

134 20.4 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

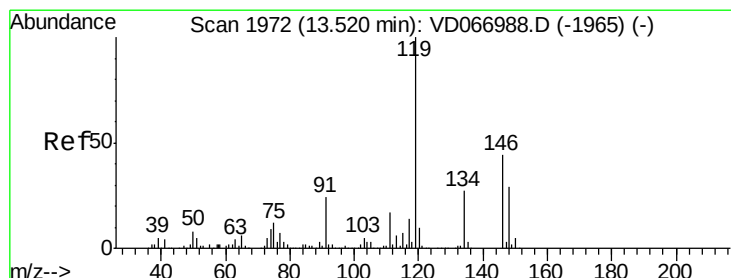
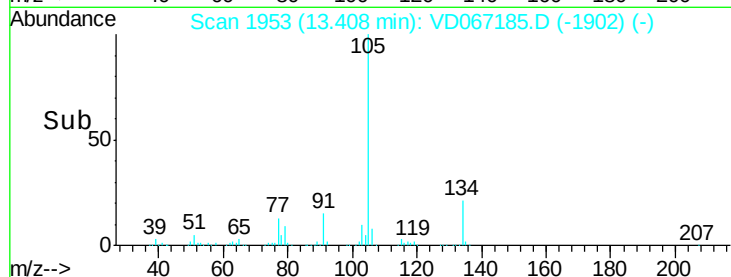
150000

100000

50000

0

Time--> 13.30 13.40 13.50



#86

p-Isopropyltoluene

Concen: 22.037 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067185.D

Acq: 08 Oct 2020 10:57

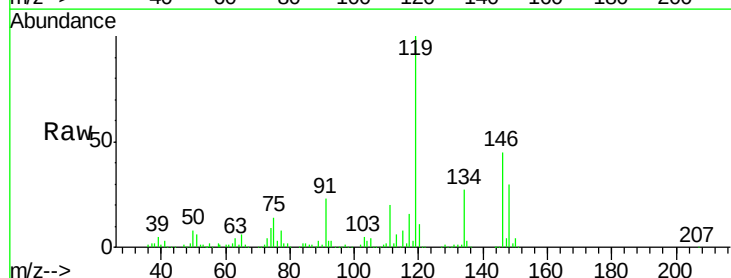
Tgt Ion:119 Resp: 352256

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.1 11.7 35.1



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

300000

250000

200000

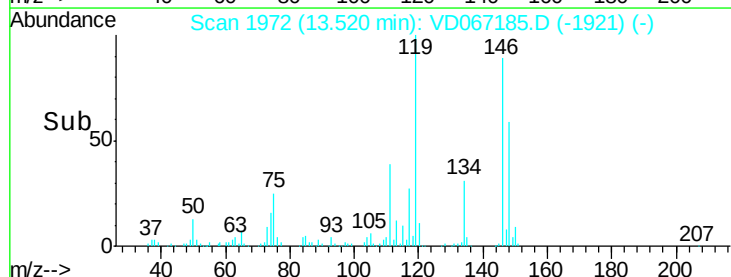
150000

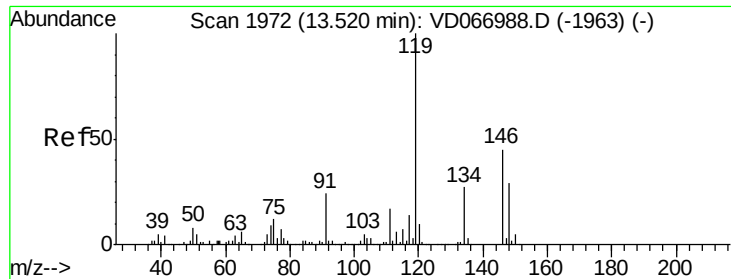
100000

50000

0

Time--> 13.40 13.50 13.60

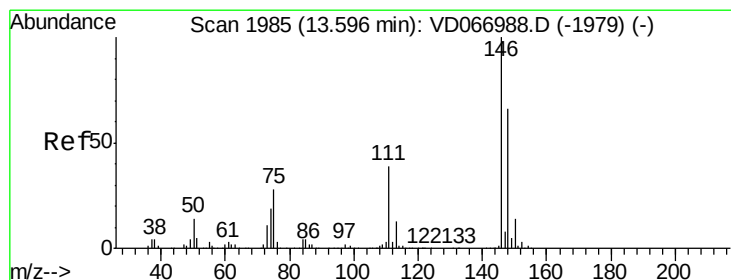
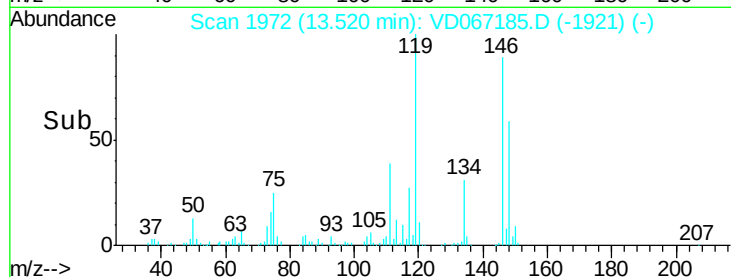
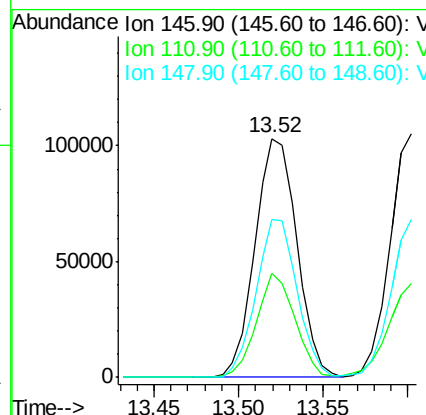
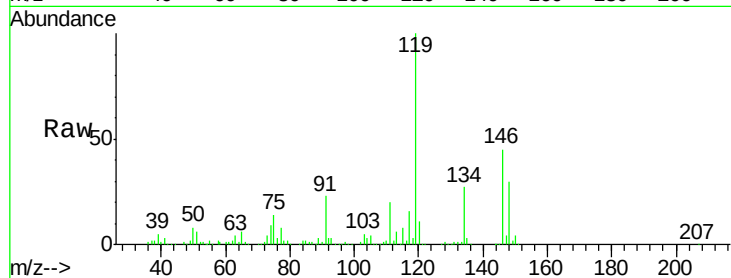




#87
 1,3-Dichlorobenzene
 Concen: 21.866 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

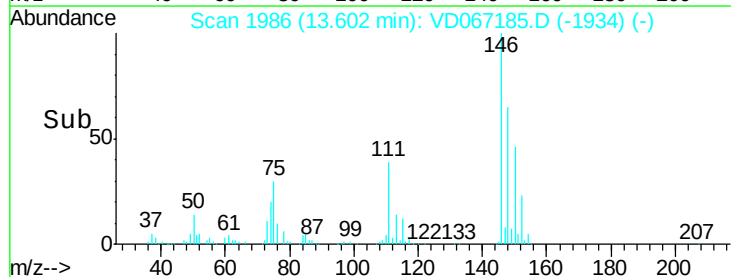
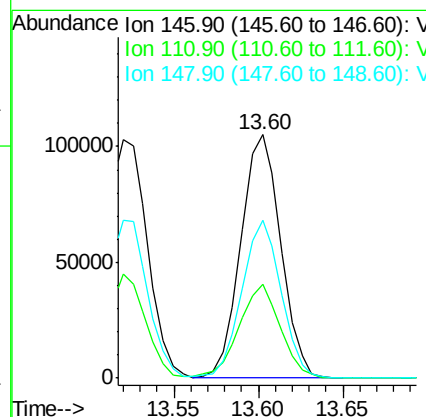
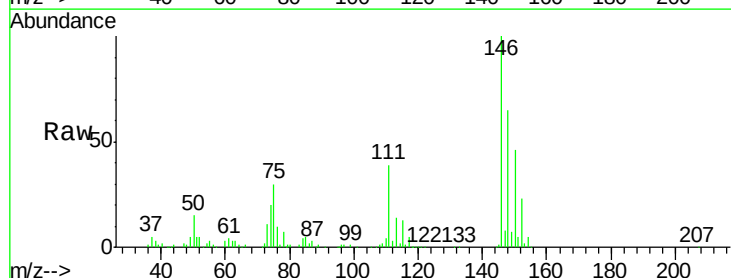
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

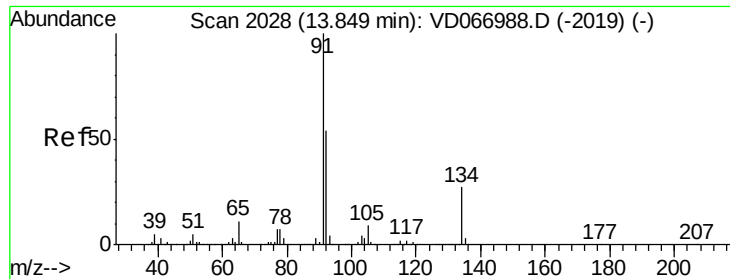
Tgt Ion:146 Resp: 176970
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.0 60.0
 148 64.7 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 21.415 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion:146 Resp: 173302
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.7
 148 64.0 32.6 97.7

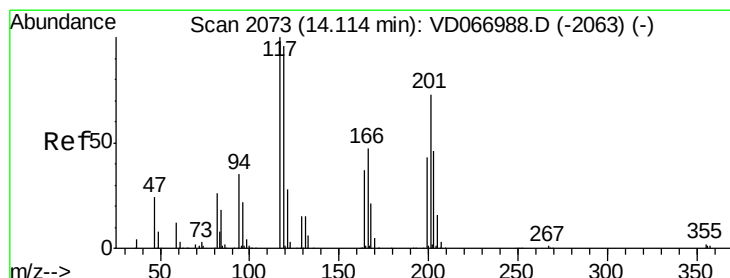
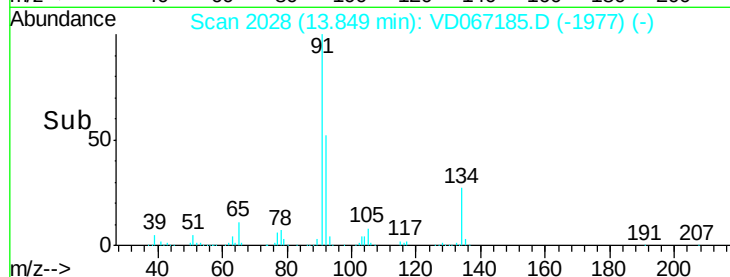
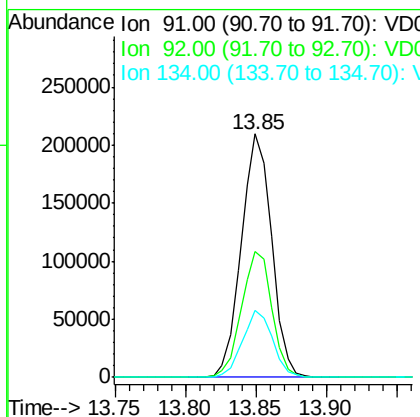
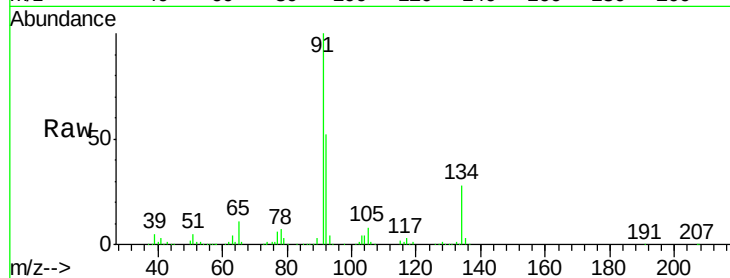




#89
n-Butylbenzene
Concen: 21.577 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

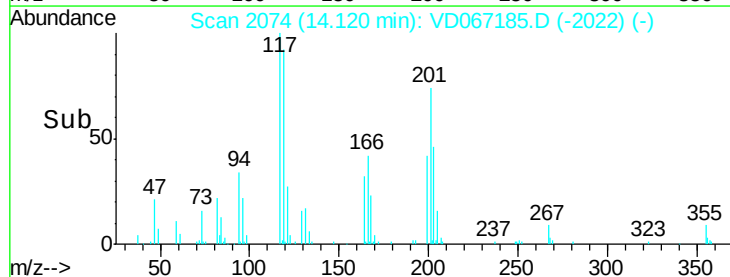
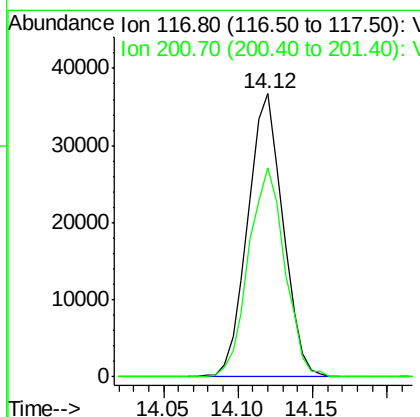
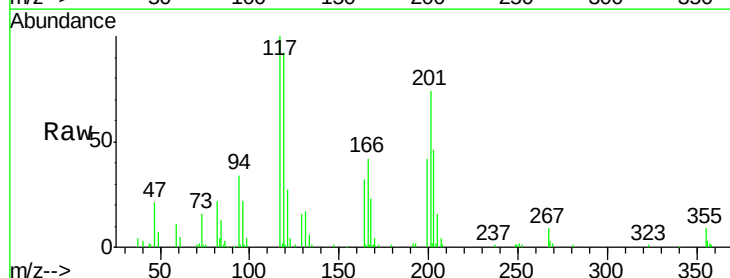
Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

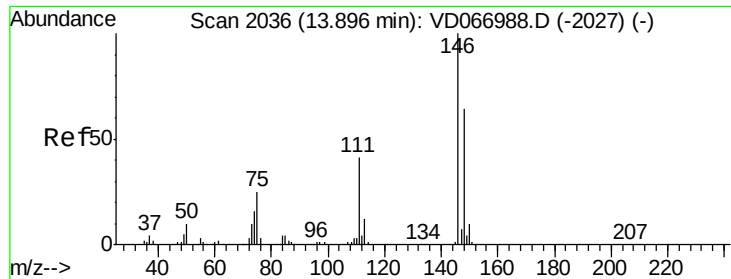
Tgt Ion: 91 Resp: 315213
Ion Ratio Lower Upper
91 100
92 51.5 27.1 81.2
134 27.5 13.6 40.8



#90
Hexachloroethane
Concen: 21.380 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion: 117 Resp: 59864
Ion Ratio Lower Upper
117 100
201 75.9 37.0 110.9

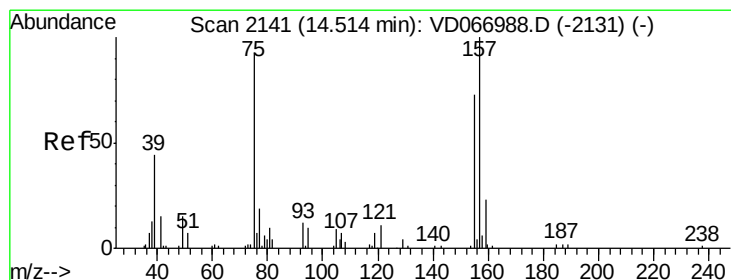
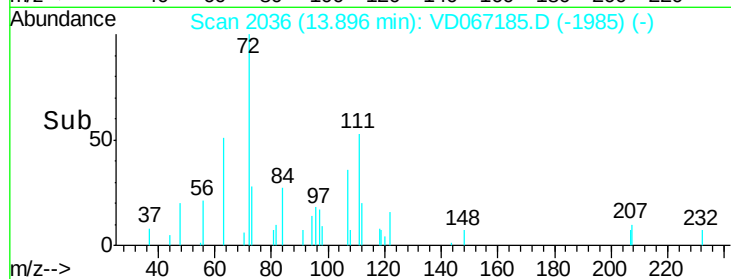
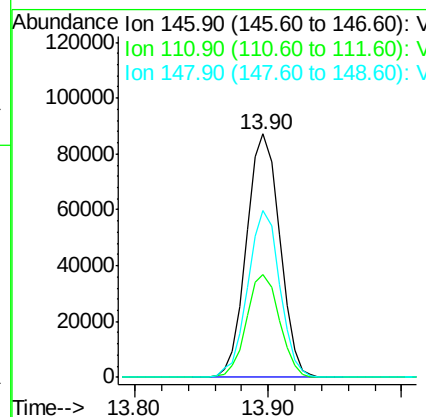
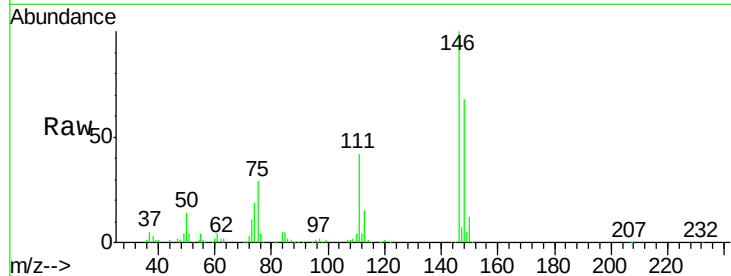




#91
 1,2-Dichlorobenzene
 Concen: 21.207 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

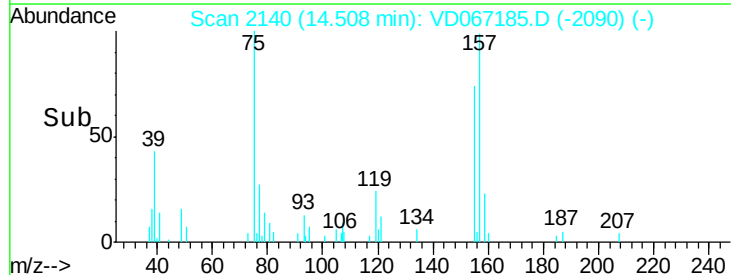
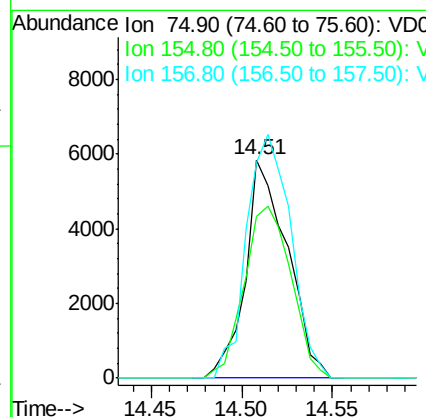
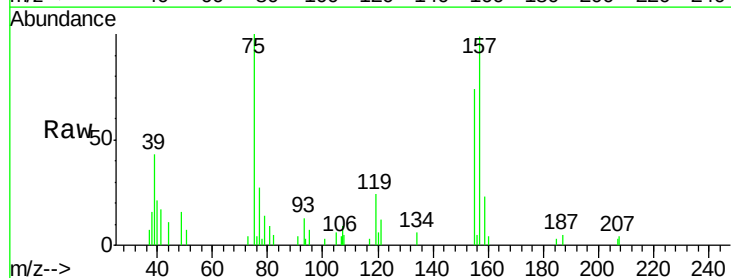
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

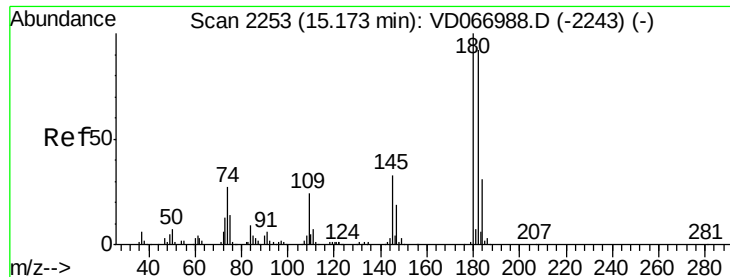
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.9	62.7
148	66.0	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.087 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.2	45.2	135.6
157	118.7	56.3	168.8

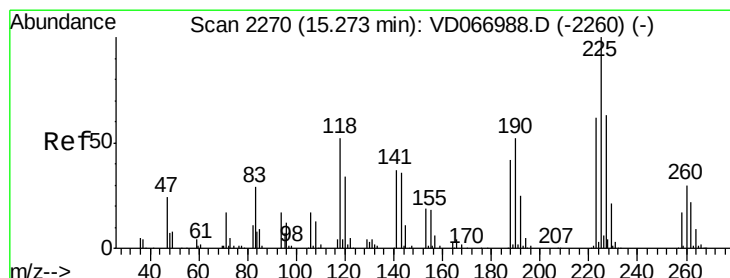
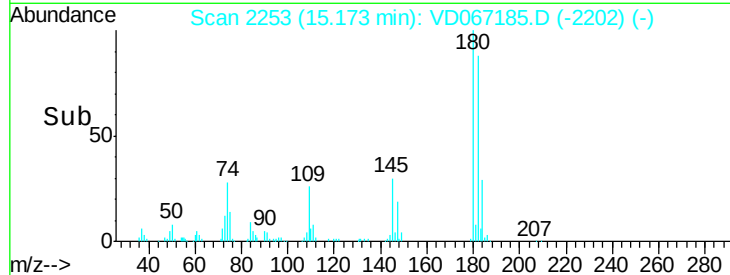
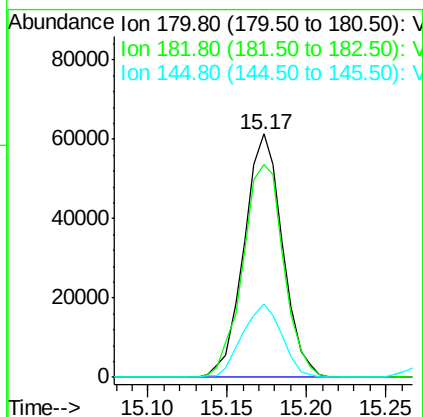
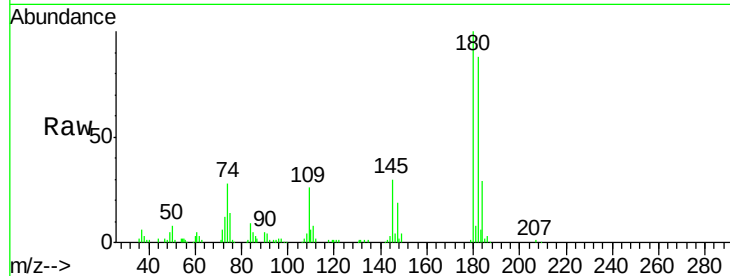




#93
 1,2,4-Trichlorobenzene
 Concen: 22.697 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

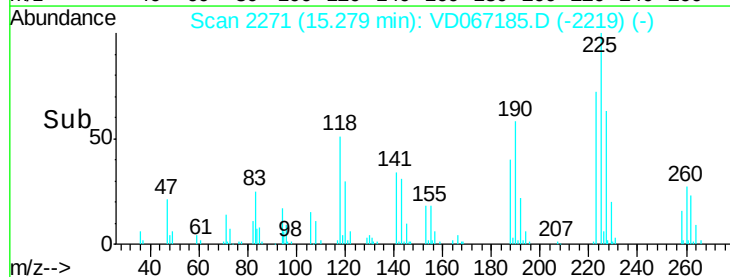
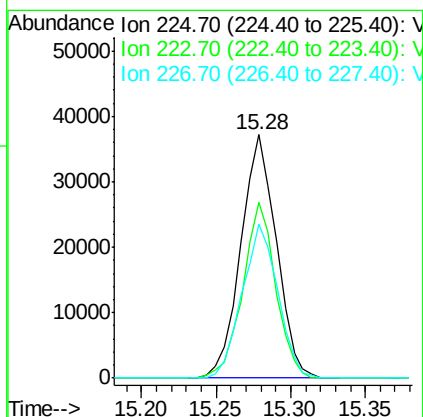
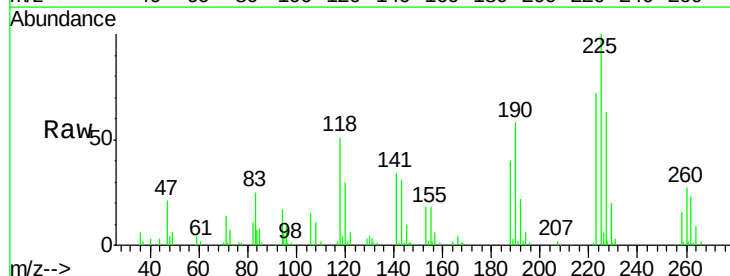
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1008SBS01

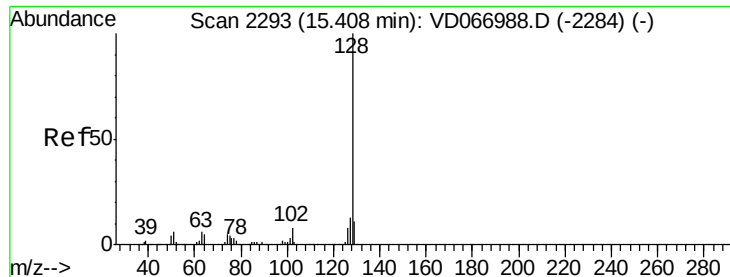
Tgt Ion:180 Resp: 103771
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.3 142.0
 145 30.9 16.4 49.1



#94
 Hexachlorobutadiene
 Concen: 21.756 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067185.D
 Acq: 08 Oct 2020 10:57

Tgt Ion:225 Resp: 61087
 Ion Ratio Lower Upper
 225 100
 223 66.8 32.4 97.0
 227 63.6 31.6 95.0

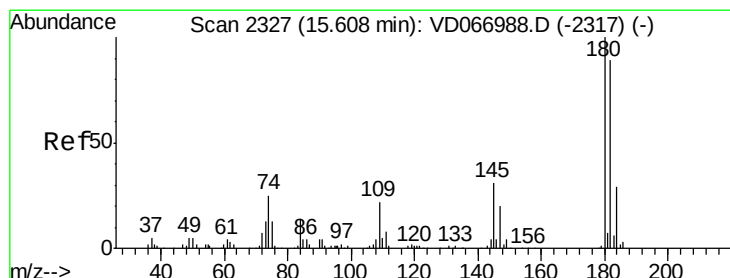
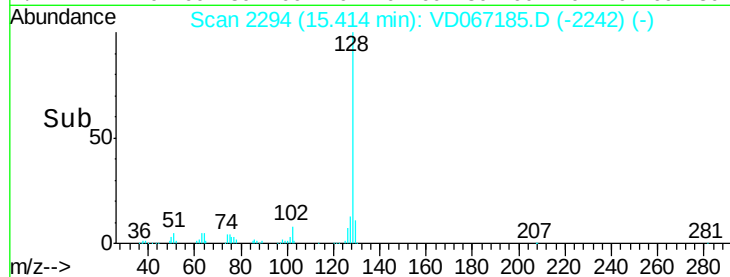
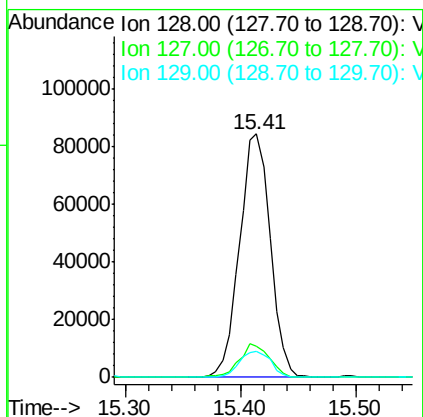
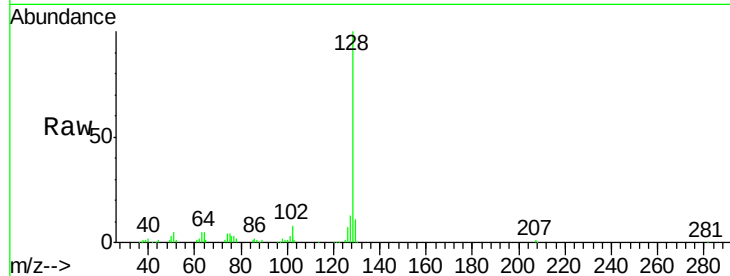




#95
Naphthalene
Concen: 20.512 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Instrument :
MSVOA_D
ClientSampleId :
VD1008SBS01

Tgt Ion:128 Resp: 156421
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.310 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.01 min
Lab File: VD067185.D
Acq: 08 Oct 2020 10:57

Tgt Ion:180 Resp: 88547
Ion Ratio Lower Upper
180 100
182 92.2 46.4 139.1
145 34.4 16.6 49.7

