

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
 Data File : VD067144.D
 Acq On : 07 Oct 2020 11:26
 Operator : VA/SY
 Sample : VD1007SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Quant Time: Oct 08 07:21:43 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	362665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	557243	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	523575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	264063	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	173785	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	7.91	113	183821	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.34	98	667365	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.64	95	235877	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78975	24.524	ug/l	98
3) Chloromethane	2.20	50	57279	19.832	ug/l	99
4) Vinyl Chloride	2.35	62	58495	20.199	ug/l	96
5) Bromomethane	2.76	94	43782	20.937	ug/l	98
6) Chloroethane	2.91	64	36508	20.700	ug/l #	87
7) Trichlorofluoromethane	3.27	101	137521	21.374	ug/l	95
8) Diethyl Ether	3.70	74	31150	19.523	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	75261	20.695	ug/l	99
10) Methyl Iodide	4.30	142	72583	20.541	ug/l	99
11) Tert butyl alcohol	5.20	59	25035	91.478	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	66359	19.410	ug/l	97
13) Acrolein	3.93	56	20730	88.627	ug/l	90
14) Allyl chloride	4.71	41	80436	18.111	ug/l	94
15) Acrylonitrile	5.42	53	53739	91.513	ug/l	98
16) Acetone	4.15	43	50636	94.960	ug/l	99
17) Carbon Disulfide	4.41	76	203290	19.376	ug/l #	93
18) Methyl Acetate	4.72	43	24576	18.338	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	126156	20.214	ug/l #	90
20) Methylene Chloride	4.97	84	89642	19.210	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	80873	20.786	ug/l	95
22) Diisopropyl ether	6.36	45	154423	19.045	ug/l #	90
23) Vinyl Acetate	6.31	43	430108	93.612	ug/l	99
24) 1,1-Dichloroethane	6.26	63	125814	20.106	ug/l	98
25) 2-Butanone	7.21	43	66719	88.252	ug/l	92
26) 2,2-Dichloropropane	7.21	77	120009	19.949	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	86810	20.892	ug/l	97
28) Bromochloromethane	7.55	49	42075	17.411	ug/l	87
29) Tetrahydrofuran	7.56	42	37750	86.842	ug/l	91
30) Chloroform	7.71	83	140896	20.757	ug/l	97
31) Cyclohexane	7.98	56	99090	18.889	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	134644	21.403	ug/l	97
36) 1,1-Dichloropropene	8.11	75	105226	20.259	ug/l	98
37) Ethyl Acetate	7.29	43	30484	16.941	ug/l #	94
38) Carbon Tetrachloride	8.10	117	126871	22.575	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	108109	19.687	ug/l	97
40) Benzene	8.35	78	298882	20.717	ug/l	98
41) Methacrylonitrile	7.53	41	21415	22.029	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	85149	21.122	ug/l	99
43) Isopropyl Acetate	8.45	43	61582	18.578	ug/l	95
44) Trichloroethene	9.11	130	90815	21.080	ug/l	93
45) 1,2-Dichloropropane	9.38	63	68378	20.172	ug/l	96
46) Dibromomethane	9.48	93	41393	21.246	ug/l	96
47) Bromodichloromethane	9.66	83	110298	21.779	ug/l	93
48) Methyl methacrylate	9.46	41	30362	17.878	ug/l #	78
49) 1,4-Dioxane	9.47	88	8329	409.613	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	154278	93.438	ug/l	100
52) Toluene	10.40	92	204918	22.050	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	97090	21.450	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	118186	21.383	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	58750	21.689	ug/l	94
56) Ethyl methacrylate	10.66	69	57968	20.728	ug/l	99
57) 1,3-Dichloropropane	10.94	76	91466	20.823	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	151966	97.632	ug/l	93
59) 2-Hexanone	10.98	43	105689	95.904	ug/l	97
60) Dibromochloromethane	11.14	129	82407	22.826	ug/l	98
61) 1,2-Dibromoethane	11.25	107	56752	21.808	ug/l	96
64) Tetrachloroethene	10.87	164	81824	21.496	ug/l	96
65) Chlorobenzene	11.67	112	220541	21.179	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	86335	21.796	ug/l	97
67) Ethyl Benzene	11.74	91	377551	21.161	ug/l	100
68) m/p-Xylenes	11.86	106	303731	43.681	ug/l	99
69) o-Xylene	12.18	106	132828	21.362	ug/l	95
70) Styrene	12.20	104	240035	22.481	ug/l	99
71) Bromoform	12.36	173	45400	22.080	ug/l #	97
73) Isopropylbenzene	12.48	105	375295	20.931	ug/l	99
74) N-amyl acetate	12.29	43	59710	18.525	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	58557	19.383	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	76604	33.305	ug/l #	100
77) Bromobenzene	12.76	156	91549	21.145	ug/l	95
78) n-propylbenzene	12.83	91	440167	20.772	ug/l	99
79) 2-Chlorotoluene	12.91	91	254561	20.996	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	324048	21.391	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	17346	18.802	ug/l	91
82) 4-Chlorotoluene	13.01	91	274533	21.283	ug/l	98
83) tert-Butylbenzene	13.23	119	277214	21.731	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	327403	21.656	ug/l	98
85) sec-Butylbenzene	13.41	105	380770	21.195	ug/l	99
86) p-Isopropyltoluene	13.52	119	357451	21.462	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	177811	21.085	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	174568	20.703	ug/l	98
89) n-Butylbenzene	13.85	91	307329	20.190	ug/l	99
90) Hexachloroethane	14.12	117	58700	20.120	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	153995	20.909	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9490	19.488	ug/l	91

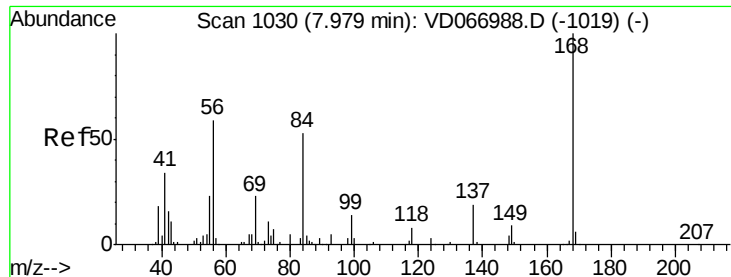
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100720\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	103585	21.744	ug/l	99
94) Hexachlorobutadiene	15.28	225	60959	20.836	ug/l	97
95) Naphthalene	15.41	128	155388	19.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	86801	20.989	ug/l	97

(#) = 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: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

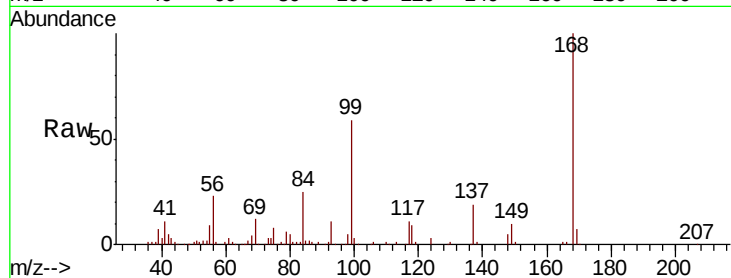
VD1007SBSD01

Tot Ion:168 Resp: 362665

Ion Ratio Lower Upper

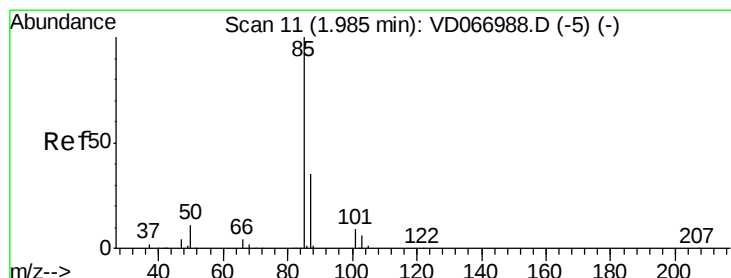
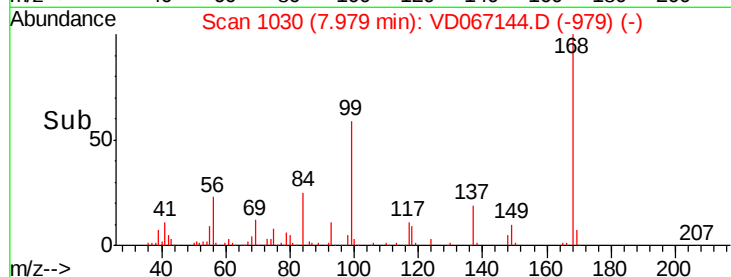
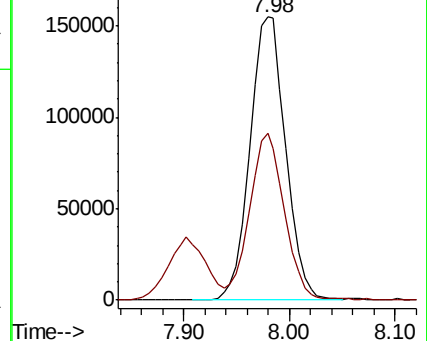
168 100

99 58.6 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: 24.524 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067144.D

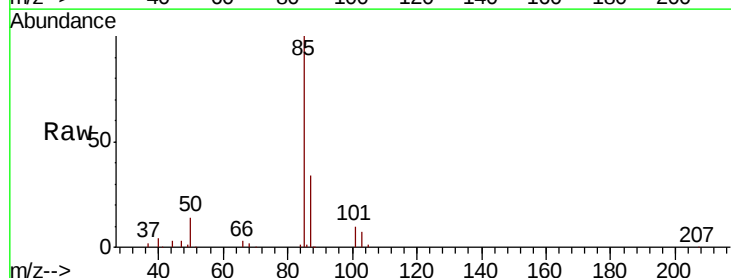
Acq: 07 Oct 2020 11:26

Tgt Ion: 85 Resp: 78975

Ion Ratio Lower Upper

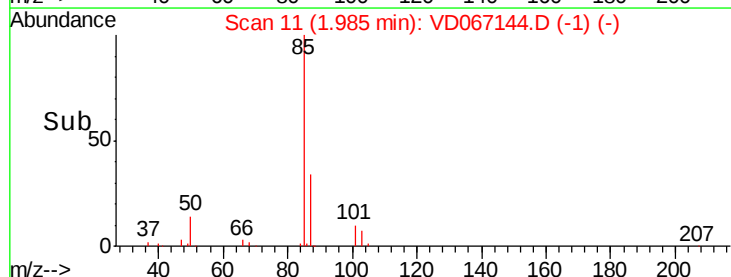
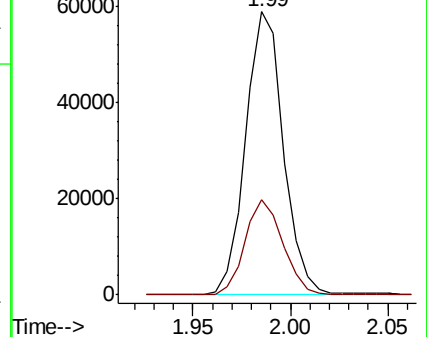
85 100

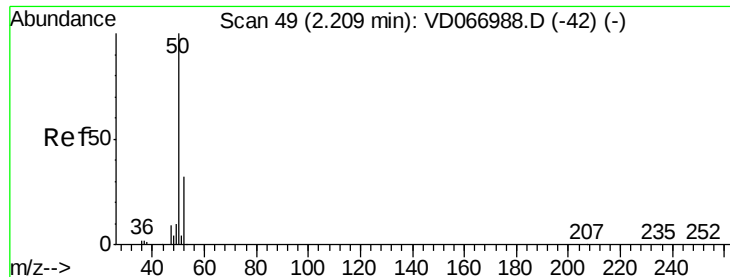
87 33.6 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.832 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

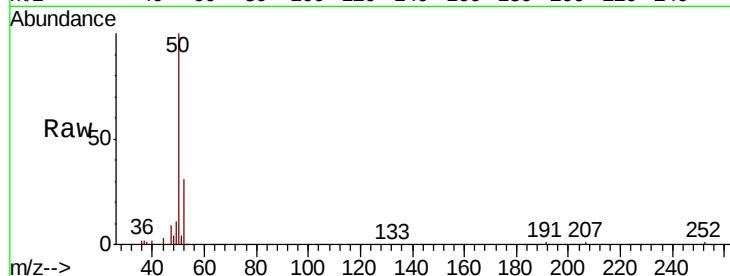
VD1007SBS01

Tot Ion: 50 Resp: 57279

Ion Ratio Lower Upper

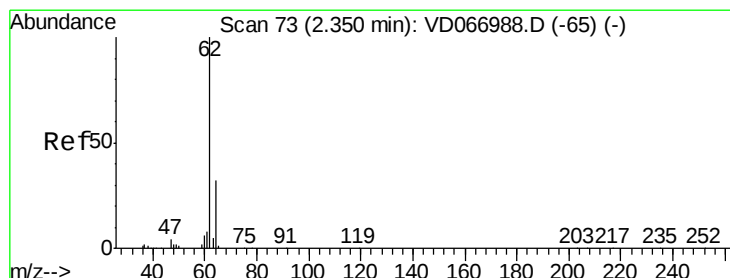
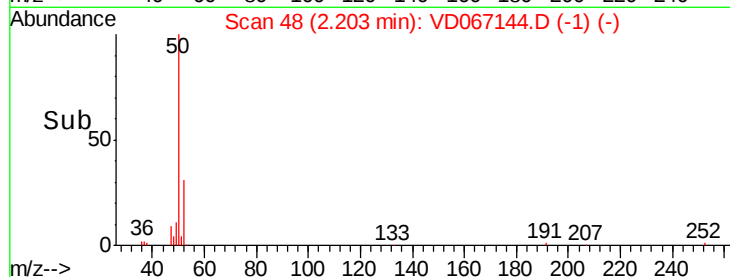
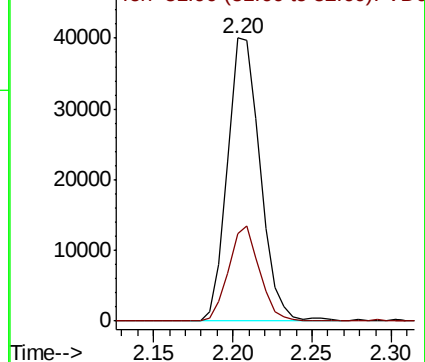
50 100

52 31.0 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.199 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067144.D

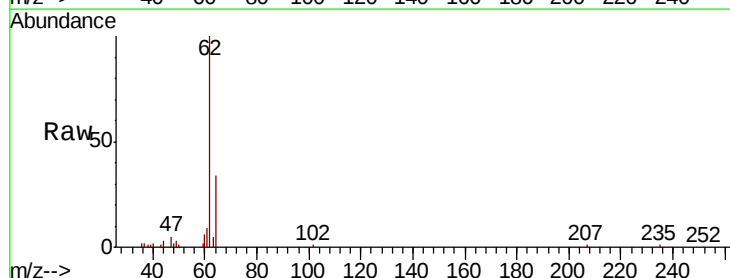
Acq: 07 Oct 2020 11:26

Tgt Ion: 62 Resp: 58495

Ion Ratio Lower Upper

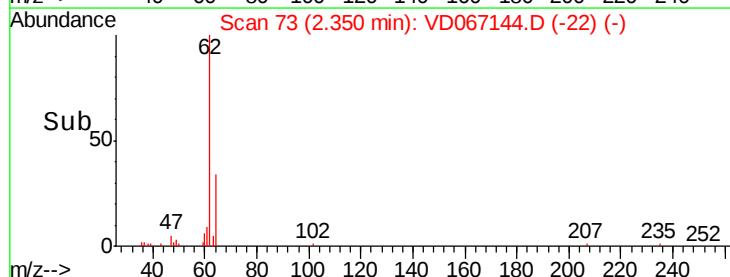
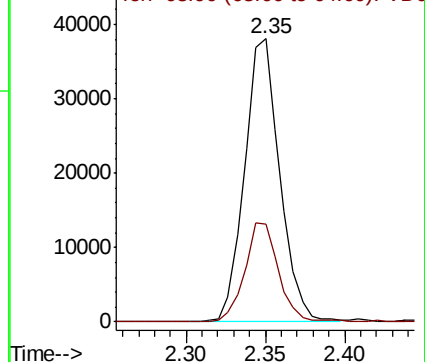
62 100

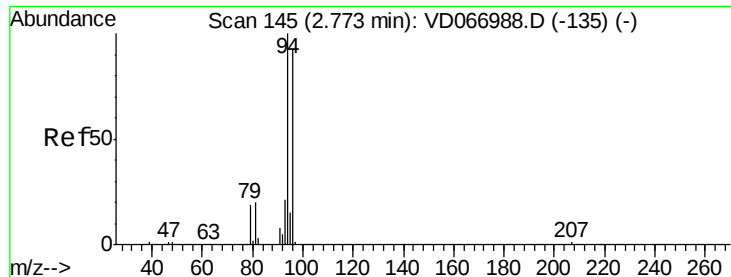
64 34.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 20.937 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

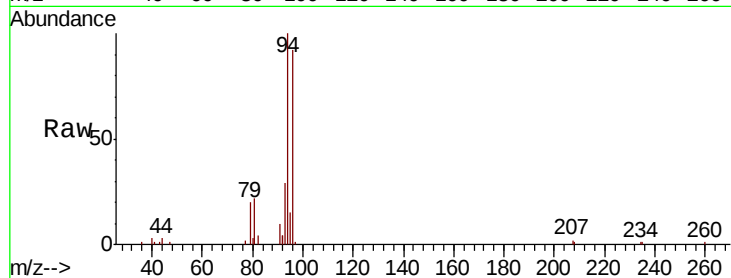
VD1007SBS01

Tot Ion: 94 Resp: 43782

Ion Ratio Lower Upper

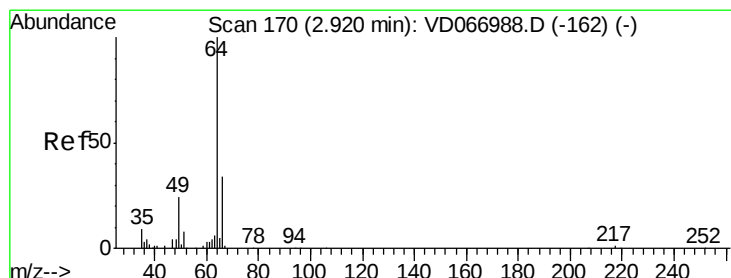
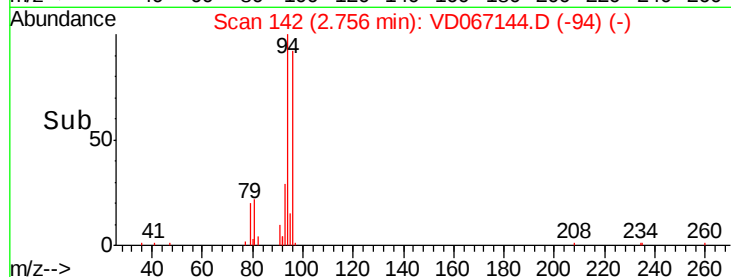
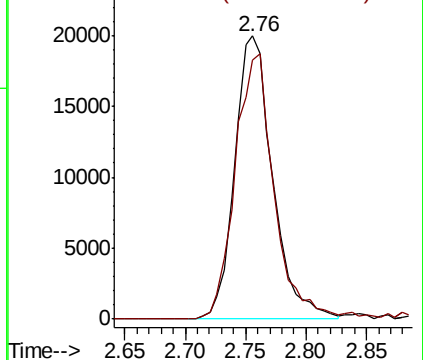
94 100

96 91.7 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: 20.700 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD067144.D

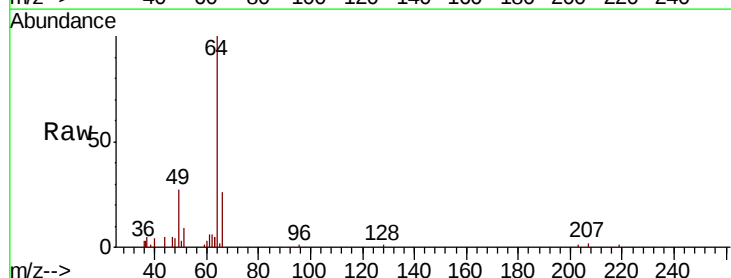
Acq: 07 Oct 2020 11:26

Tgt Ion: 64 Resp: 36508

Ion Ratio Lower Upper

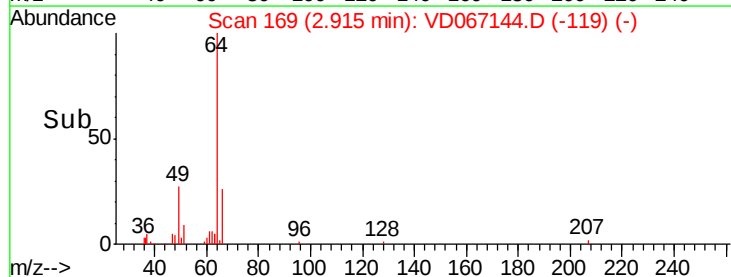
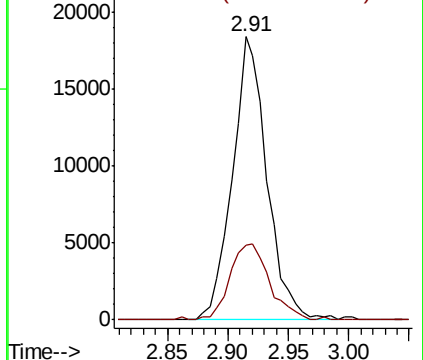
64 100

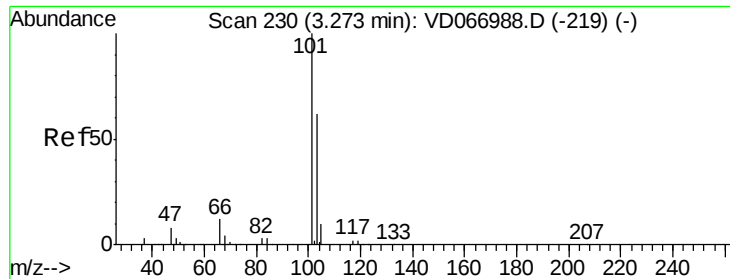
66 26.2 27.0 40.6#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.374 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD067144.D

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Instrument :

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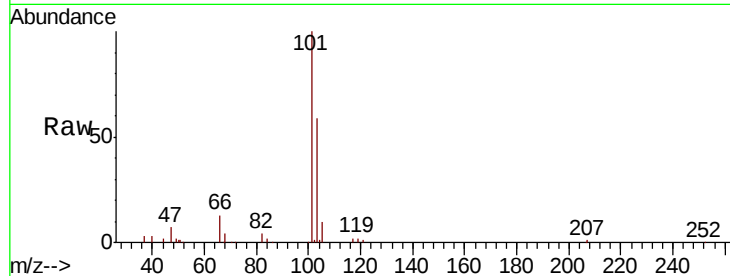
VD1007SBS01

Tot Ion:101 Resp: 137521

Ion Ratio Lower Upper

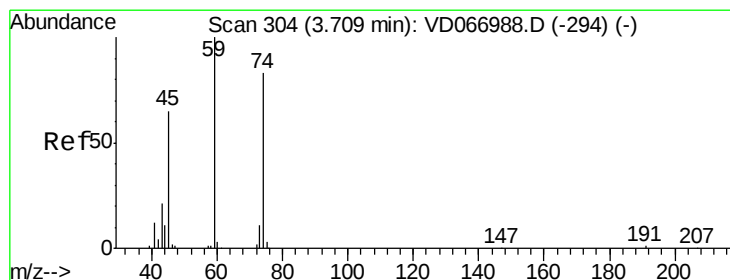
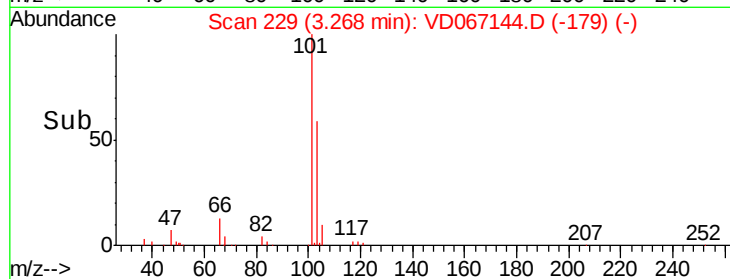
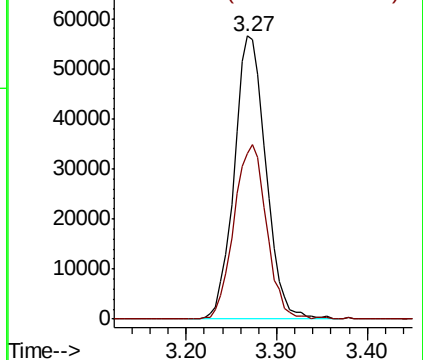
101 100

103 58.7 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: 19.523 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD067144.D

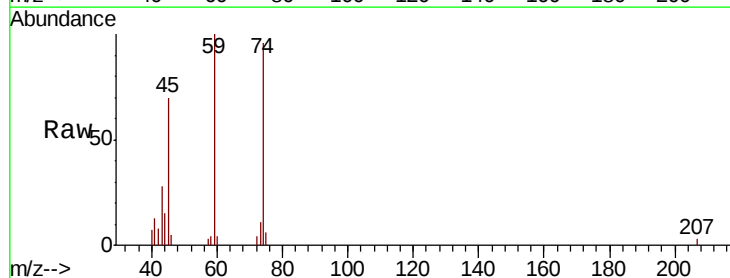
Acq: 07 Oct 2020 11:26

Tgt Ion: 74 Resp: 31150

Ion Ratio Lower Upper

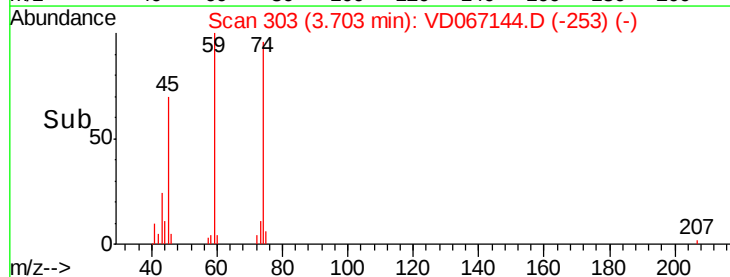
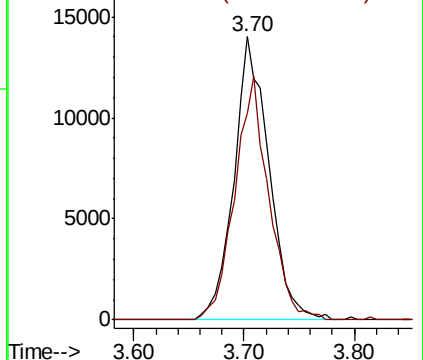
74 100

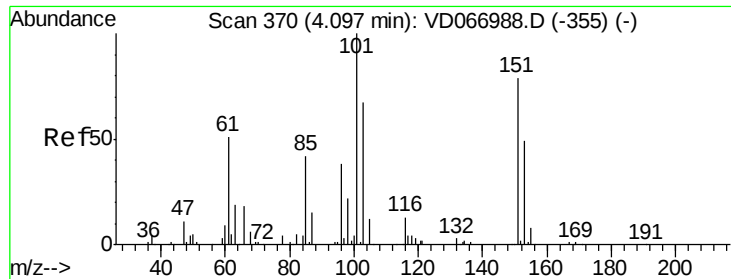
45 83.6 43.1 129.3



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: 20.695 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

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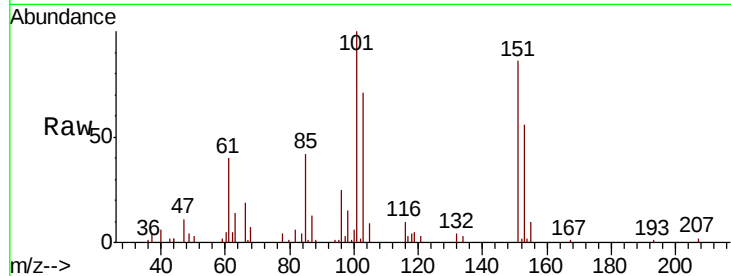
Tot Ion:101 Resp: 75261

Ion Ratio Lower Upper

101 100

85 43.6 33.8 50.8

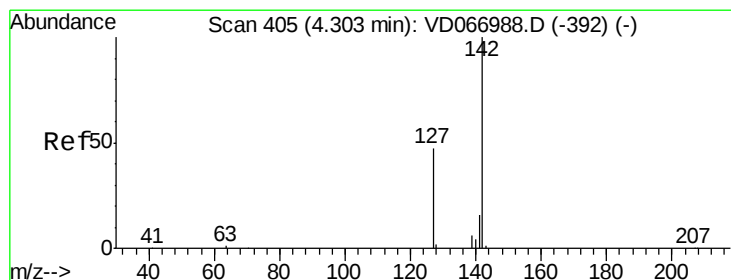
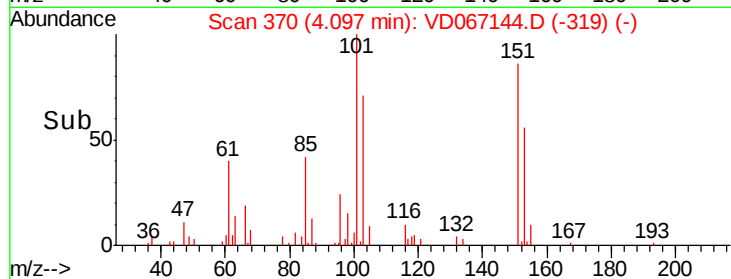
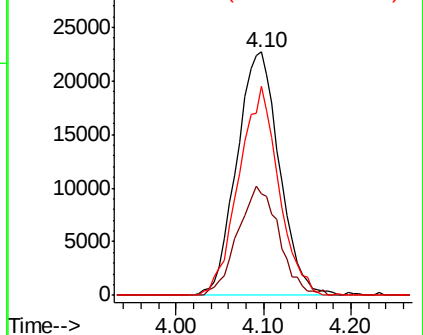
151 80.4 63.8 95.8



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: 20.541 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

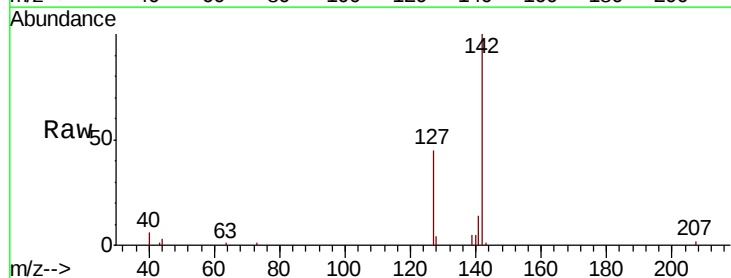
Tgt Ion:142 Resp: 72583

Ion Ratio Lower Upper

142 100

127 44.8 36.3 54.5

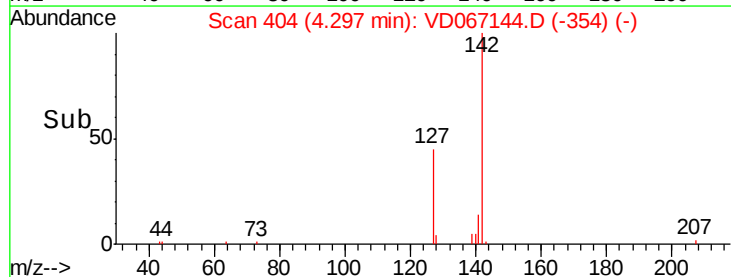
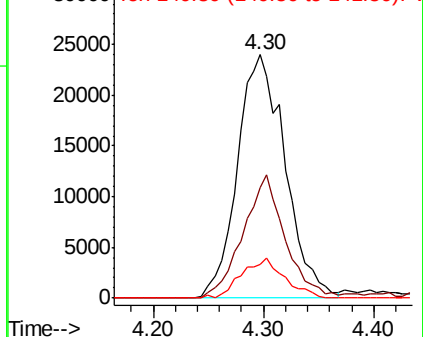
141 14.7 12.0 18.0

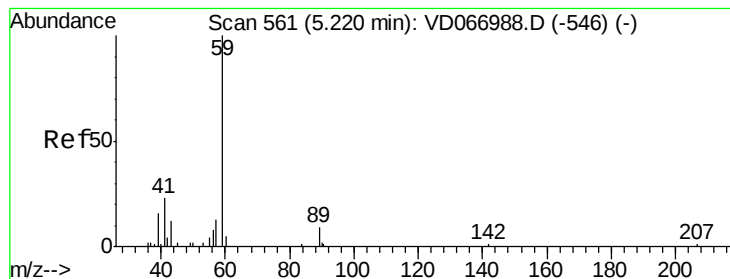


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 91.478 ug/l

RT: 5.20 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

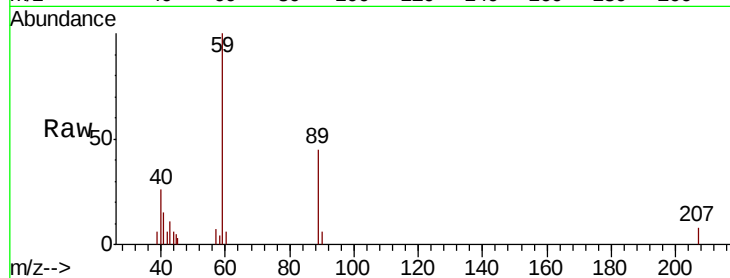
VD1007SBS01

Tot Ion: 59 Resp: 25035

Ion Ratio Lower Upper

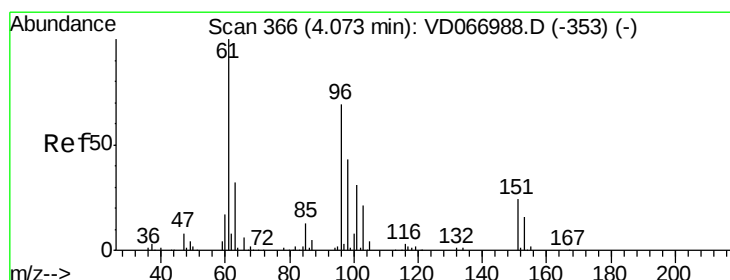
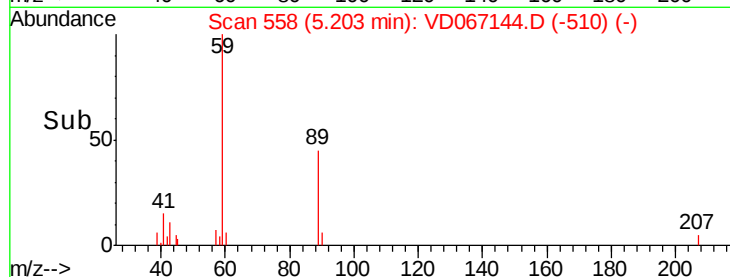
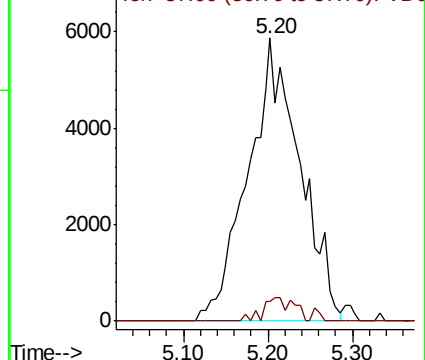
59 100

57 3.2 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 19.410 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

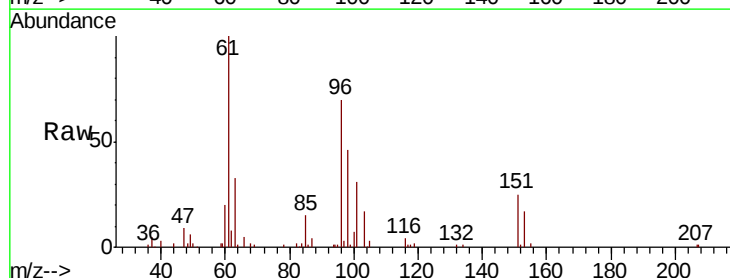
Tgt Ion: 96 Resp: 66359

Ion Ratio Lower Upper

96 100

61 142.8 116.4 174.6

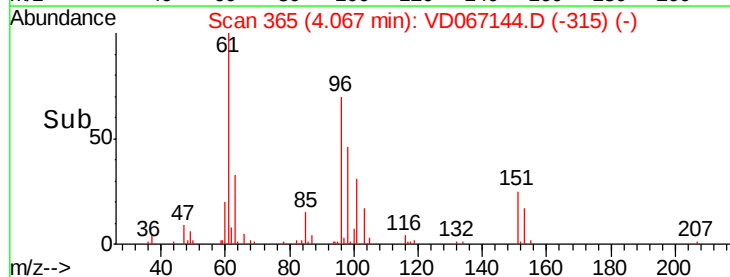
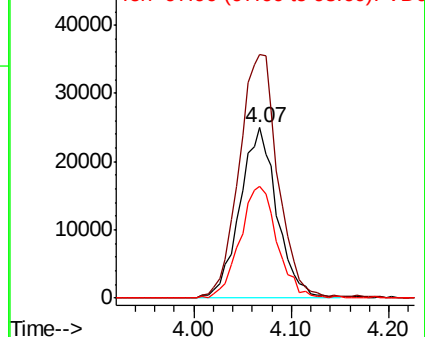
98 65.8 49.9 74.9

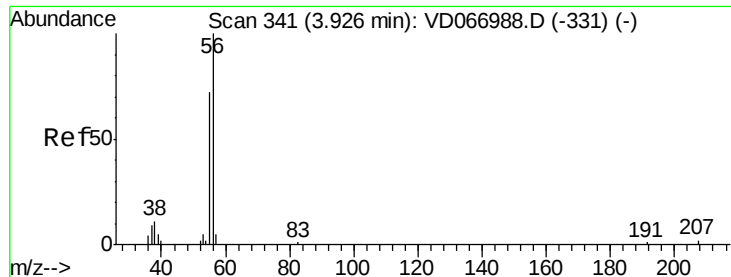


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 88.627 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

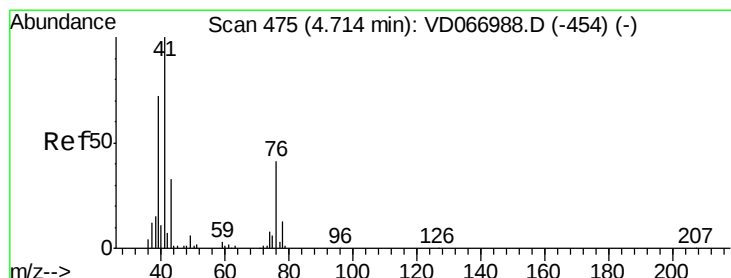
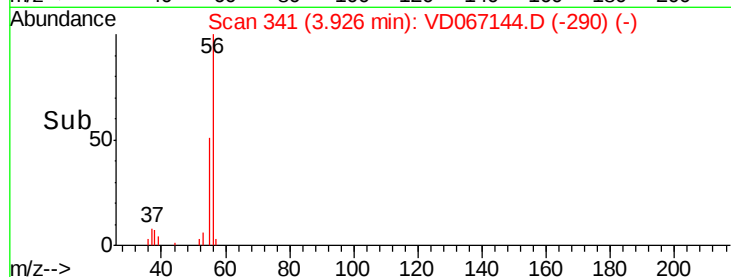
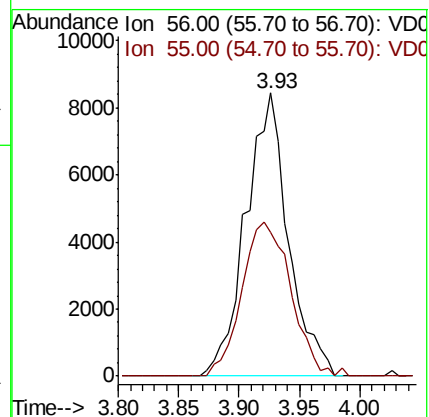
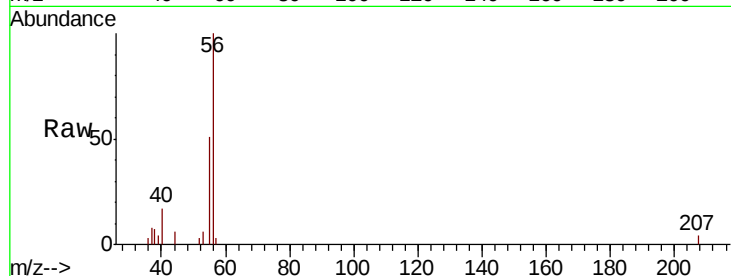
VD1007SBSD01

Tot Ion: 56 Resp: 20730

Ion Ratio Lower Upper

56 100

55 62.6 56.9 85.3



#14

Allyl chloride

Concen: 18.111 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

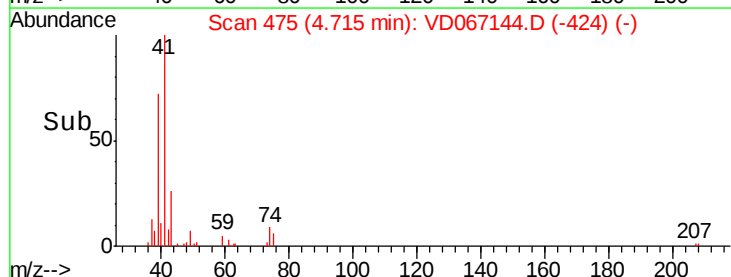
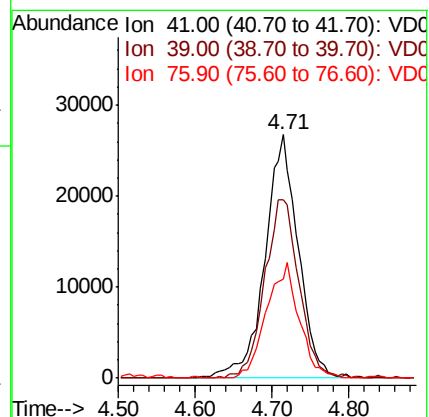
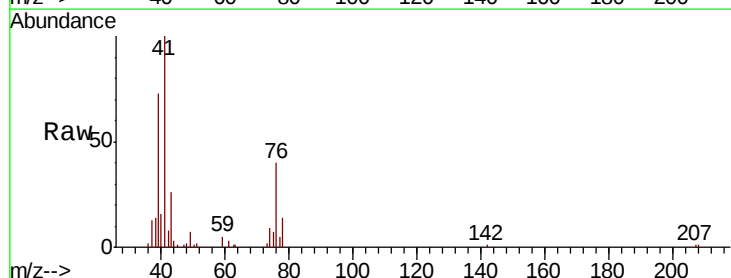
Tgt Ion: 41 Resp: 80436

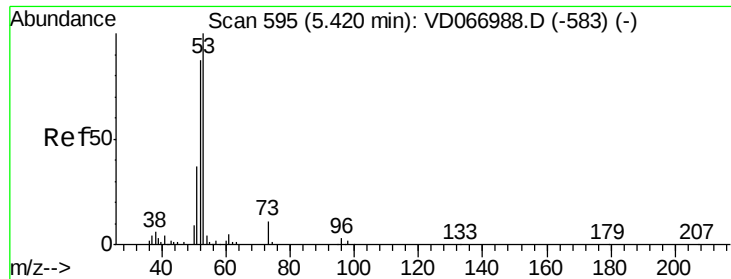
Ion Ratio Lower Upper

41 100

39 75.3 56.2 84.2

76 46.4 34.2 51.2

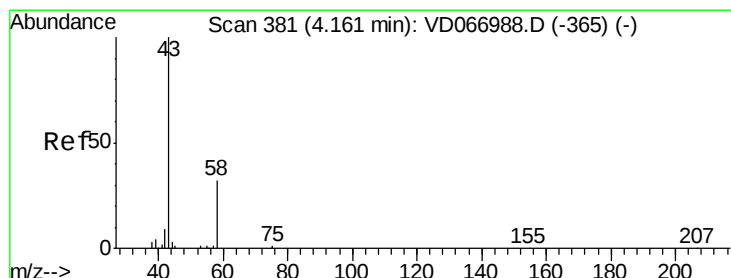
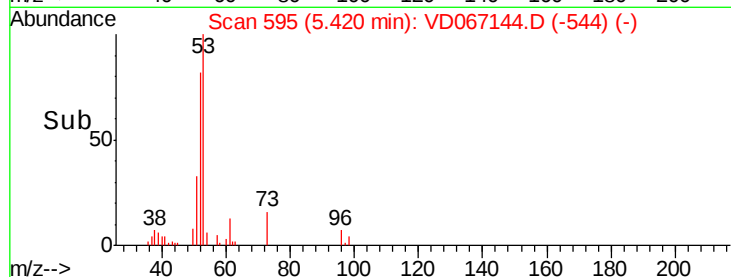
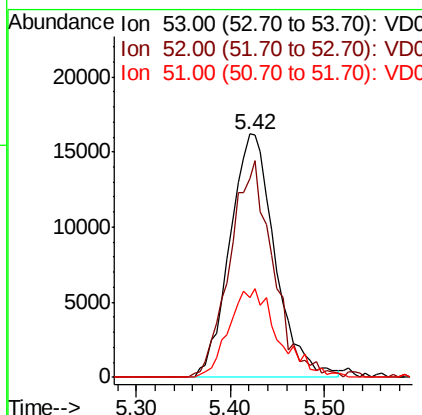
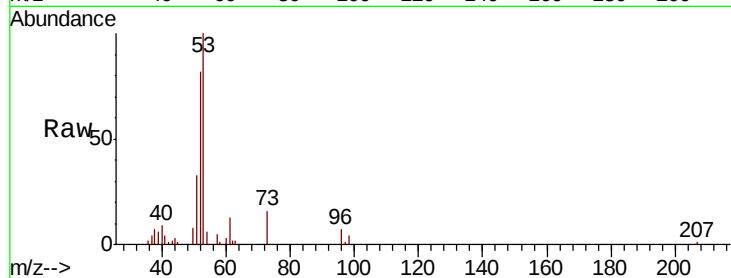




#15
 Acrylonitrile
 Concen: 91.513 ug/l
 RT: 5.42 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

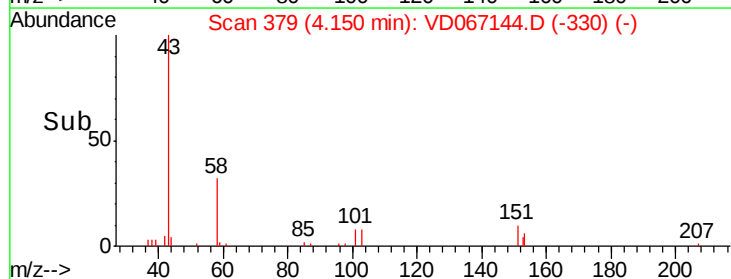
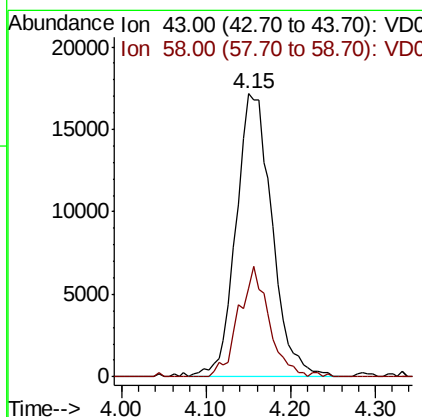
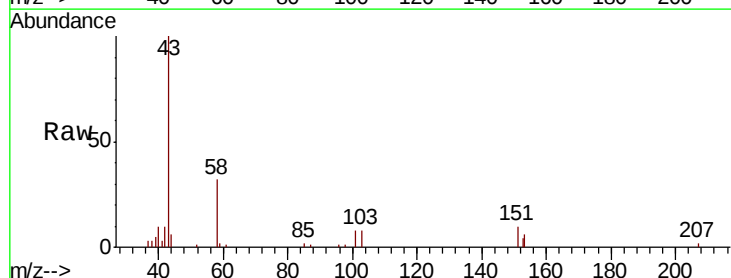
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

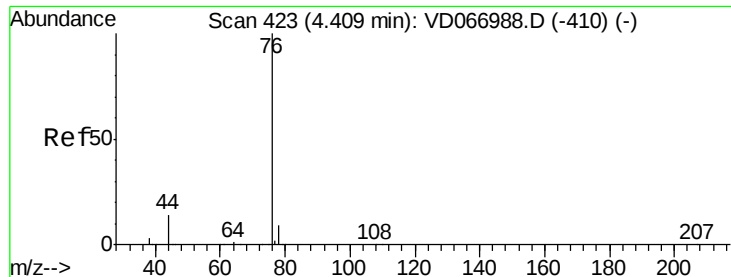
Tot Ion: 53 Resp: 53739
 Ion Ratio Lower Upper
 53 100
 52 85.7 67.3 100.9
 51 40.0 30.2 45.2



#16
 Acetone
 Concen: 94.960 ug/l
 RT: 4.15 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion: 43 Resp: 50636
 Ion Ratio Lower Upper
 43 100
 58 31.6 25.9 38.9

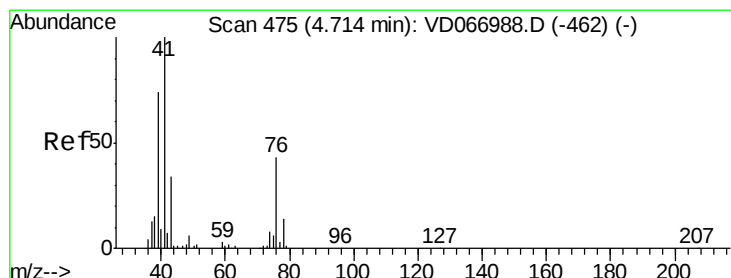
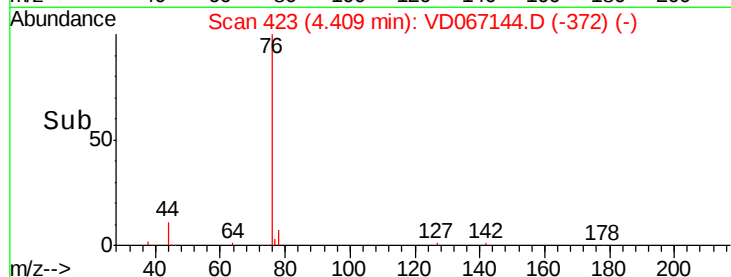
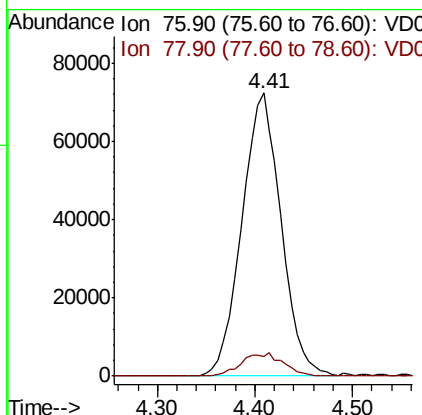
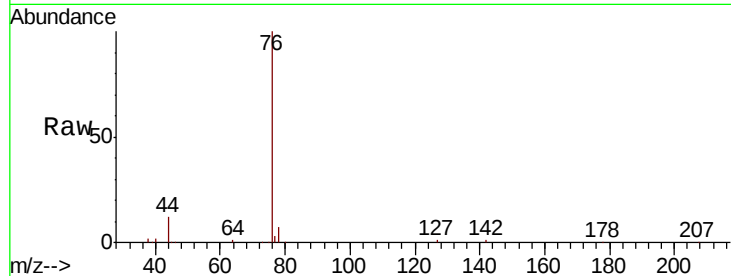




#17
Carbon Disulfide
Concen: 19.376 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

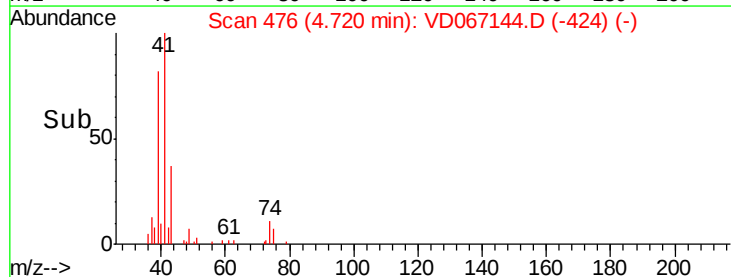
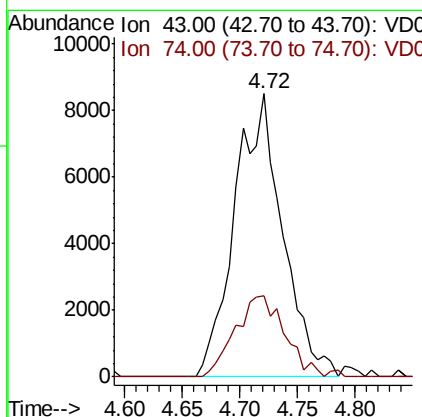
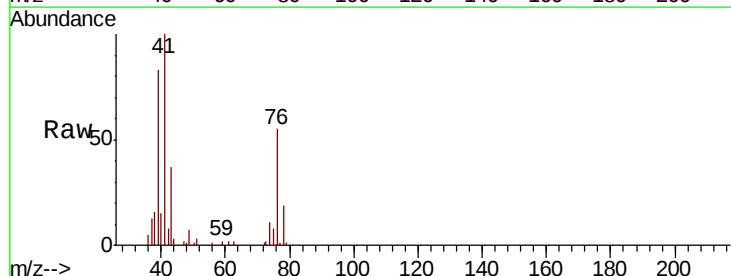
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

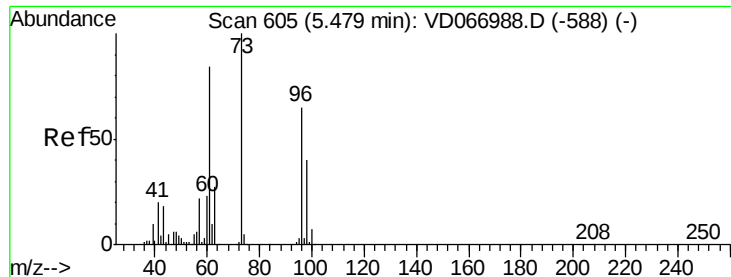
Tot Ion: 76 Resp: 203290
Ion Ratio Lower Upper
76 100
78 6.9 7.5 11.3#



#18
Methyl Acetate
Concen: 18.338 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 43 Resp: 24576
Ion Ratio Lower Upper
43 100
74 29.7 21.5 32.3

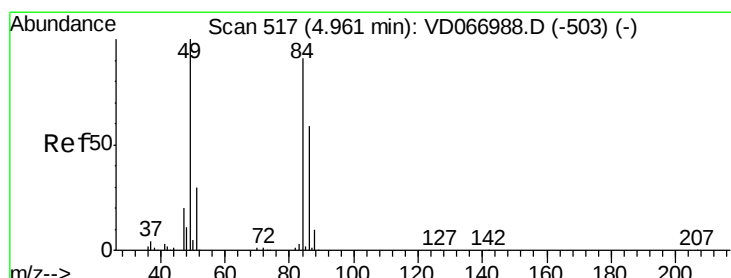
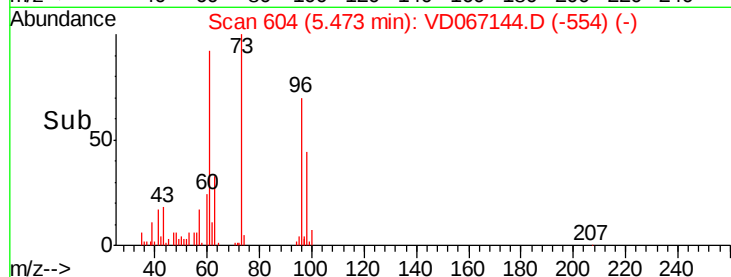
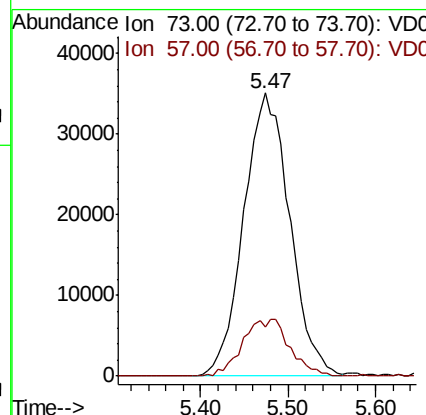
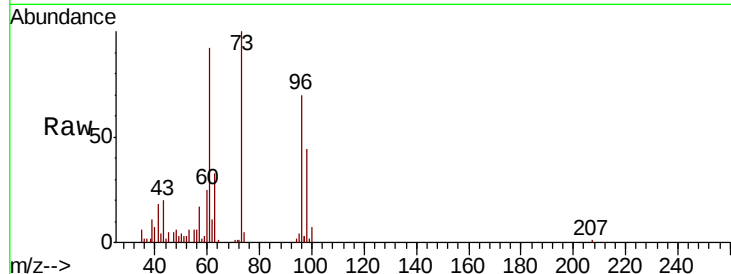




#19
Methyl tert-butyl Ether
Concen: 20.214 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

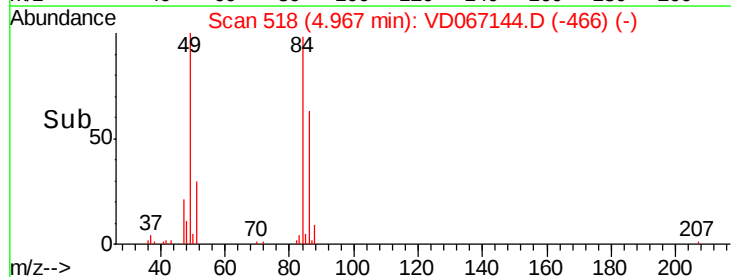
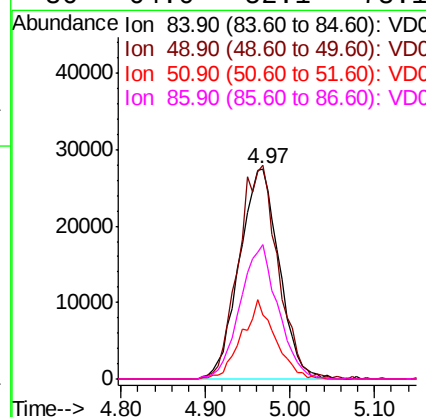
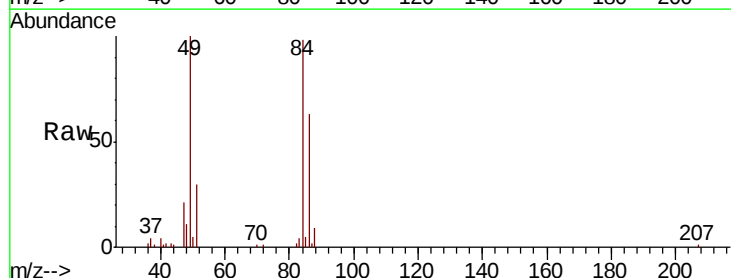
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

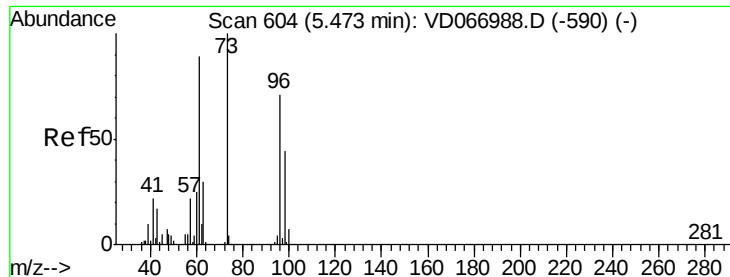
Tot Ion: 73 Resp: 126156
Ion Ratio Lower Upper
73 100
57 17.2 17.4 26.0#



#20
Methylene Chloride
Concen: 19.210 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 84 Resp: 89642
Ion Ratio Lower Upper
84 100
49 101.7 88.2 132.2
51 30.4 26.6 39.8
86 64.0 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.786 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD01

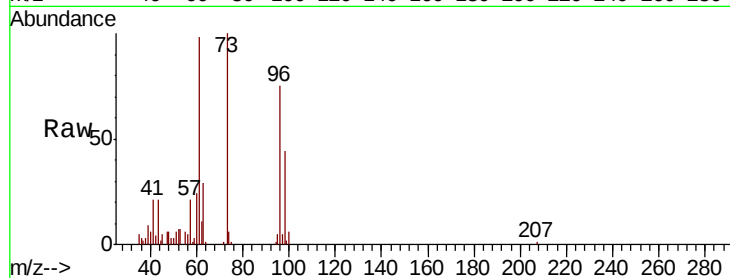
Tot Ion: 96 Resp: 80873

Ion Ratio Lower Upper

96 100

61 130.3 99.6 149.4

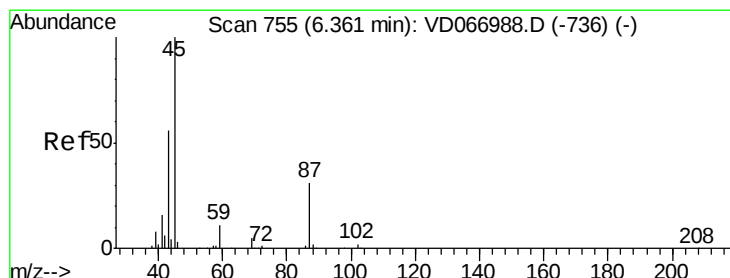
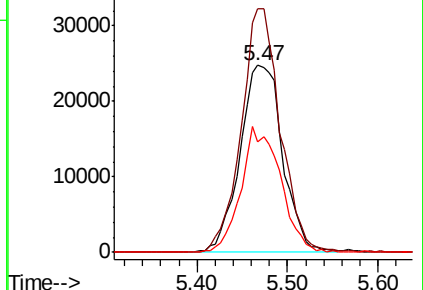
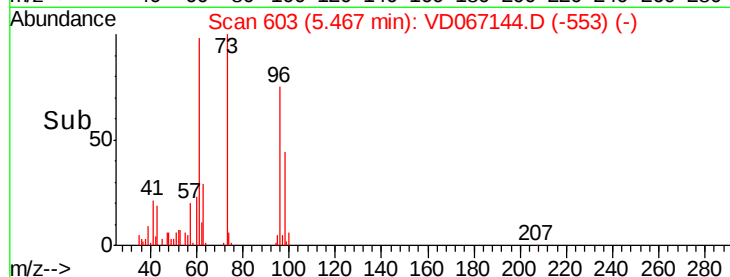
98 58.8 49.4 74.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 19.045 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion: 45 Resp: 154423

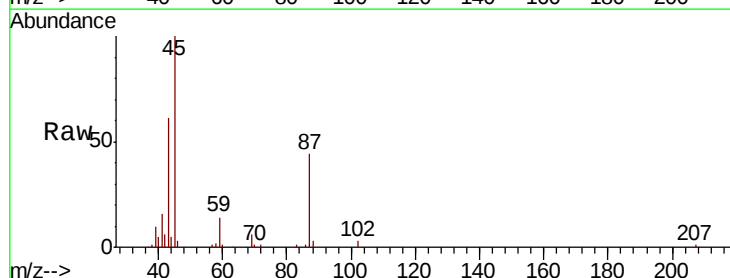
Ion Ratio Lower Upper

45 100

43 60.1 45.2 67.8

87 43.9 25.6 38.4#

59 14.0 9.1 13.7#

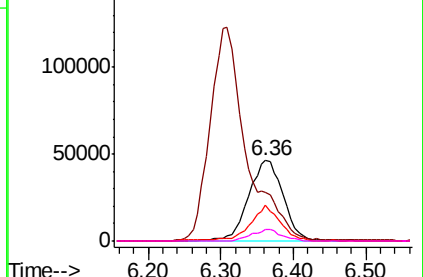
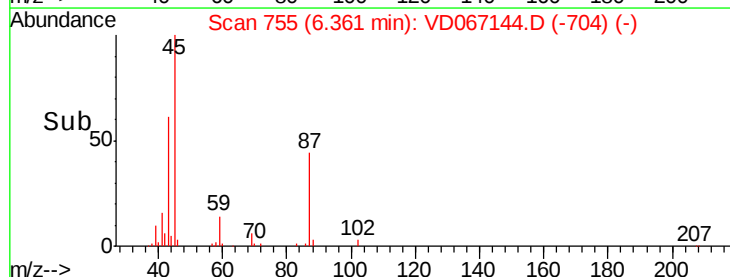


Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC

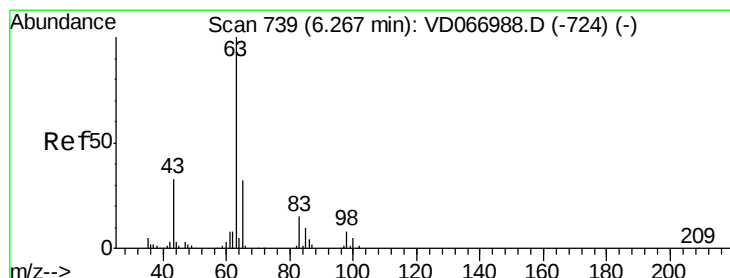
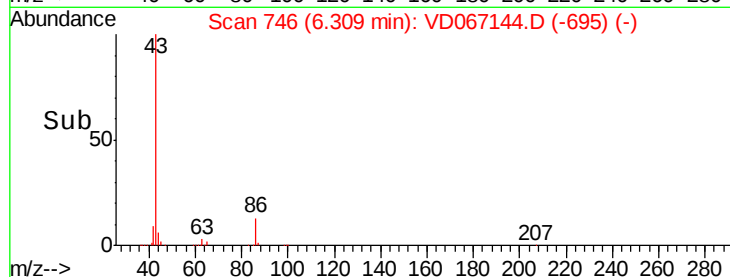
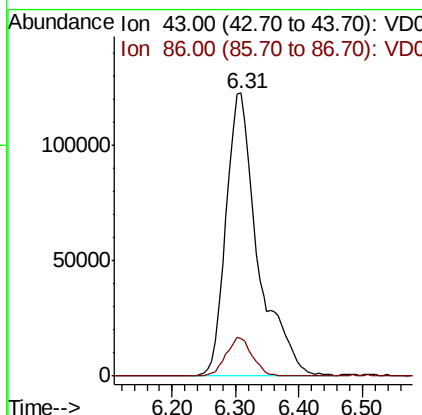
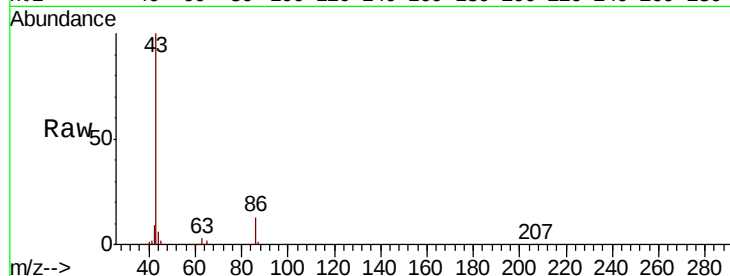




#23
 Vinyl Acetate
 Concen: 93.612 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

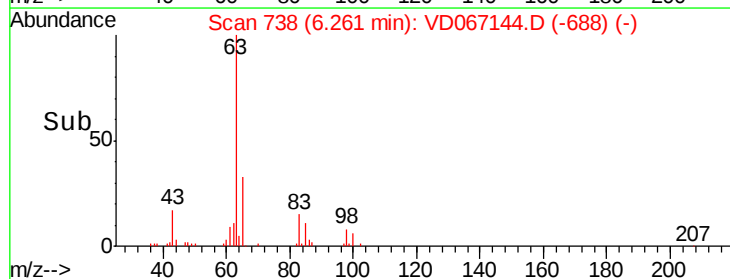
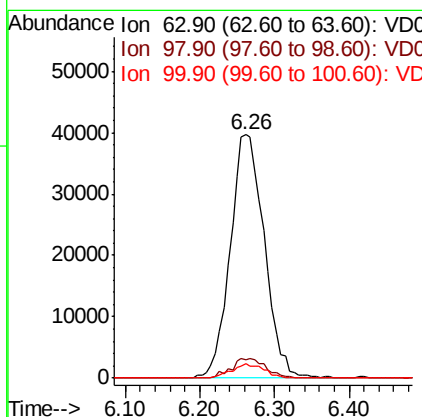
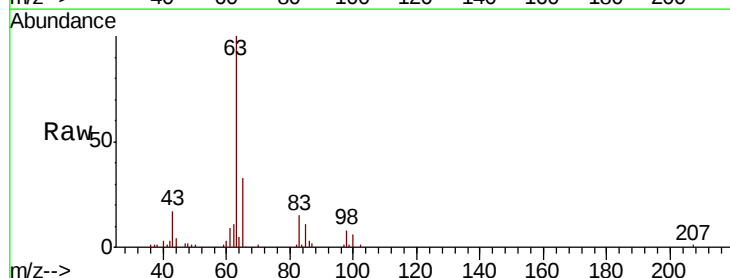
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

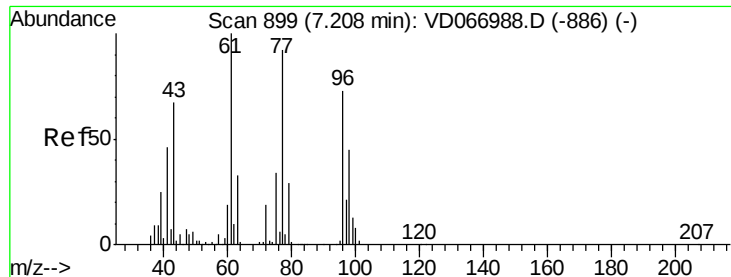
Tot Ion: 43 Resp: 430108
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.2 15.2



#24
 1,1-Dichloroethane
 Concen: 20.106 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion: 63 Resp: 125814
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.2 12.6
 100 5.8 2.6 7.8

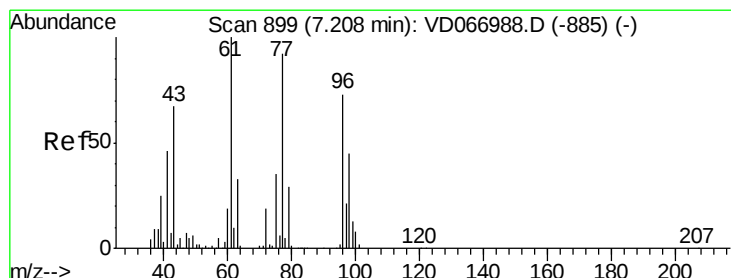
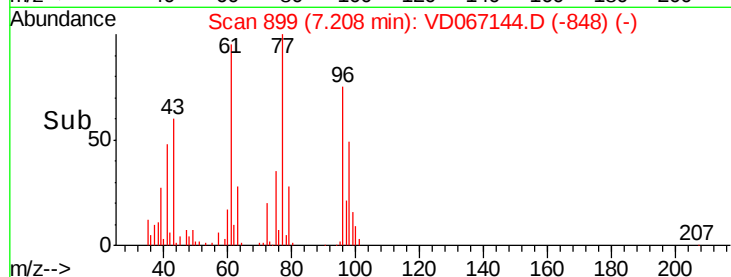
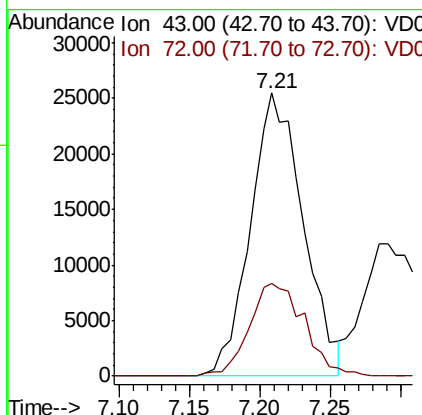
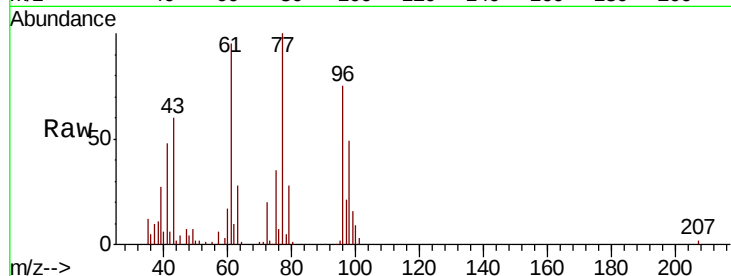




#25
2-Butanone
Concen: 88.252 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

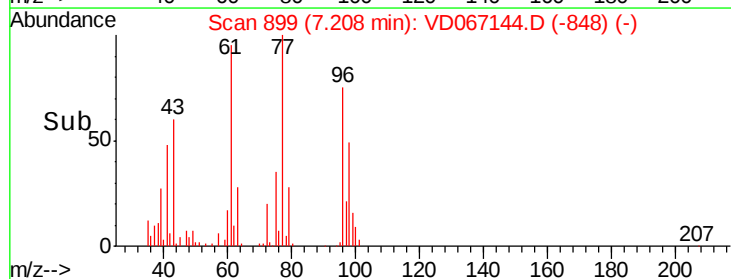
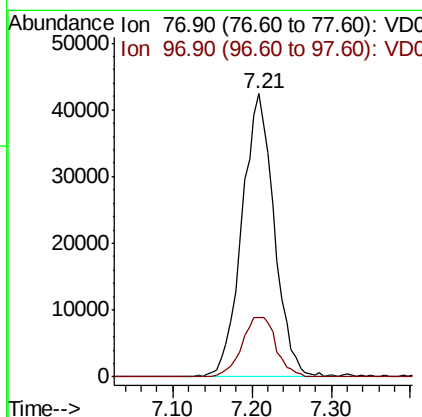
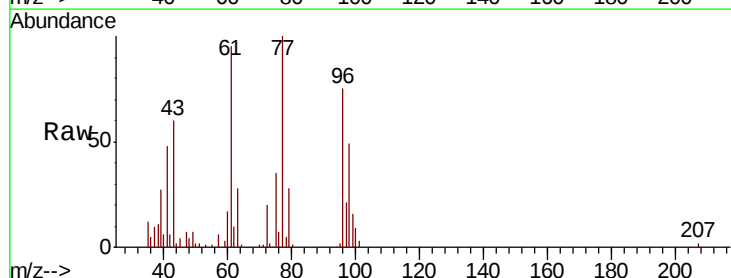
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

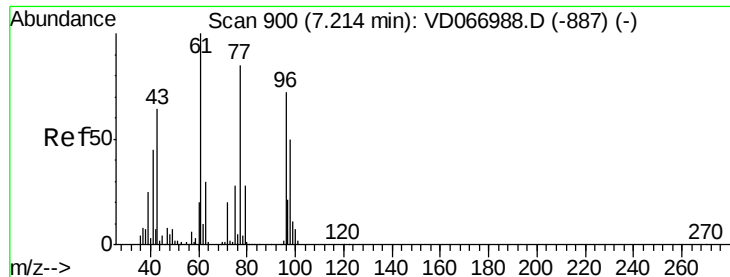
Tot Ion: 43 Resp: 66719
Ion Ratio Lower Upper
43 100
72 32.8 22.8 34.2



#26
2,2-Dichloropropane
Concen: 19.949 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 77 Resp: 120009
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2



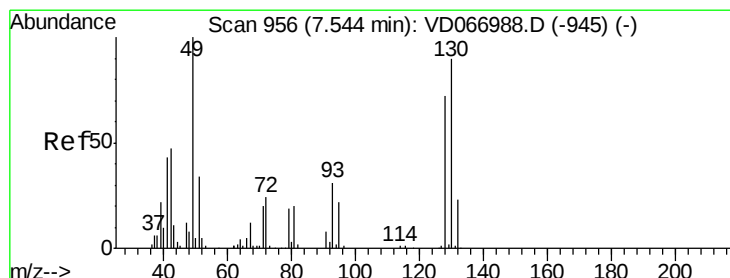
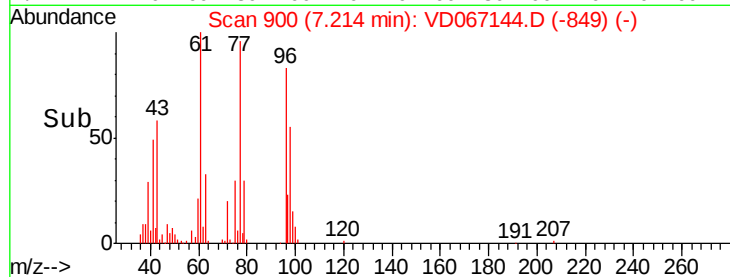
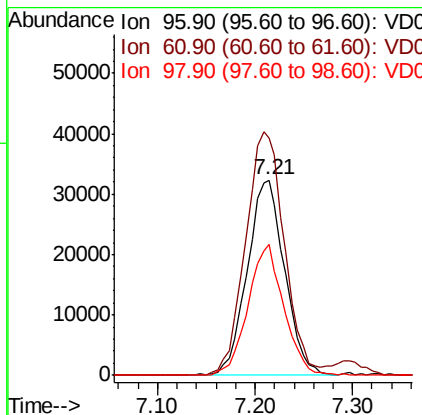
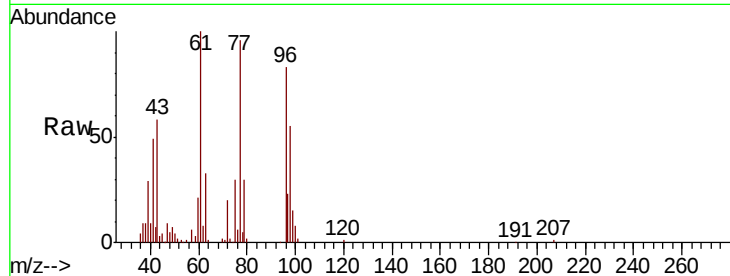


#27

cis-1,2-Dichloroethene
Concen: 20.892 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

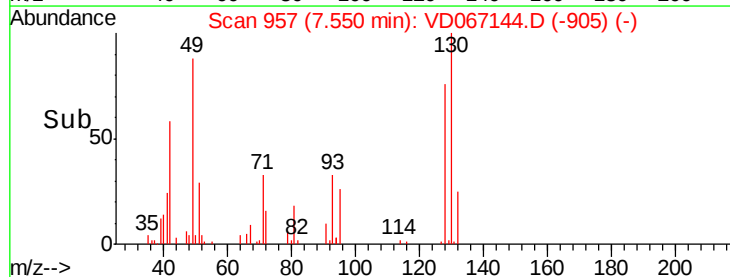
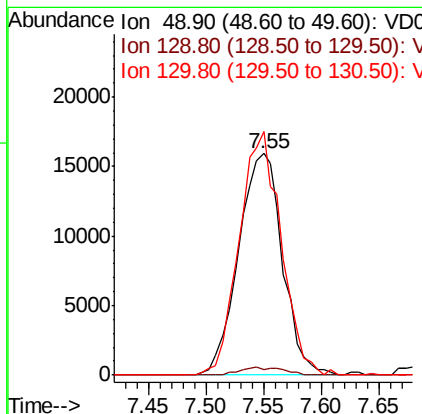
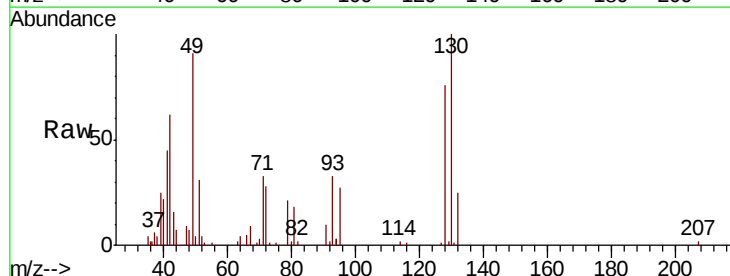
Tot Ion: 96 Resp: 86810
Ion Ratio Lower Upper
96 100
61 129.1 0.0 269.2
98 64.2 0.0 129.4

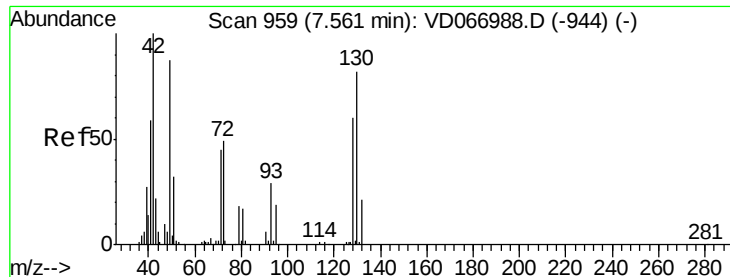


#28

Bromochloromethane
Concen: 17.411 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 49 Resp: 42075
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 104.9 74.1 111.1

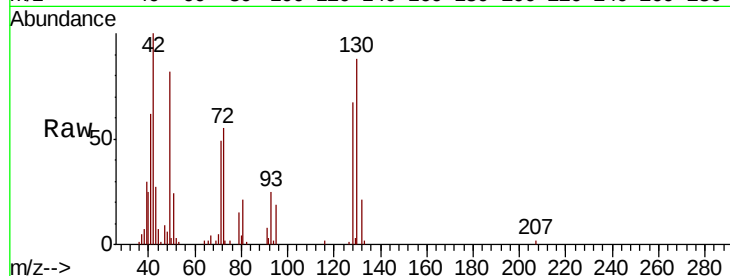




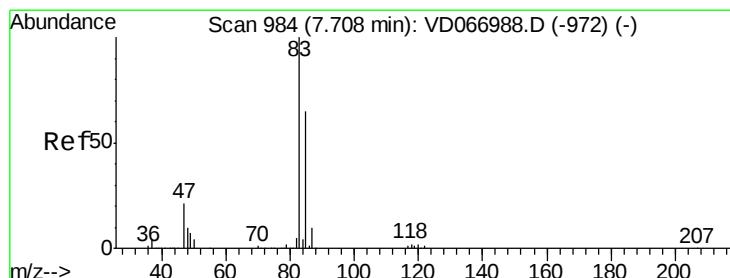
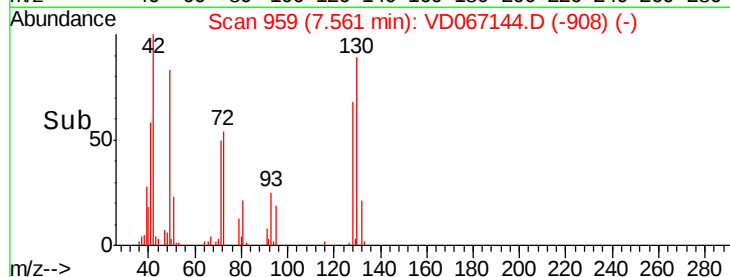
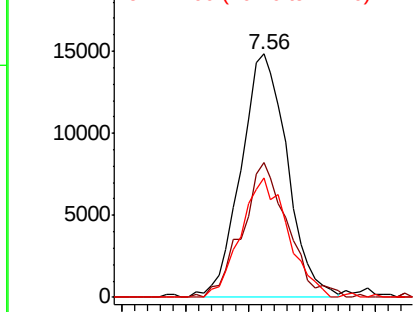
#29
Tetrahydrofuran
Concen: 86.842 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion: 42 Resp: 37750
Ion Ratio Lower Upper
42 100
72 54.3 39.1 58.7
71 49.8 34.2 51.4

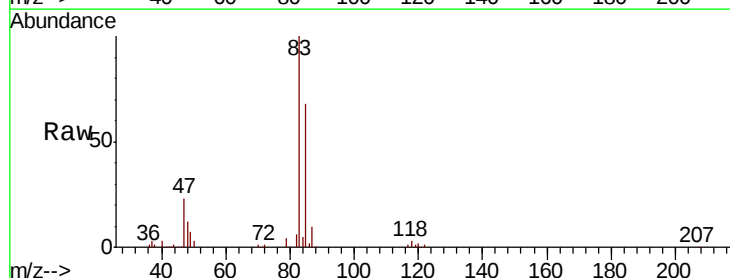


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

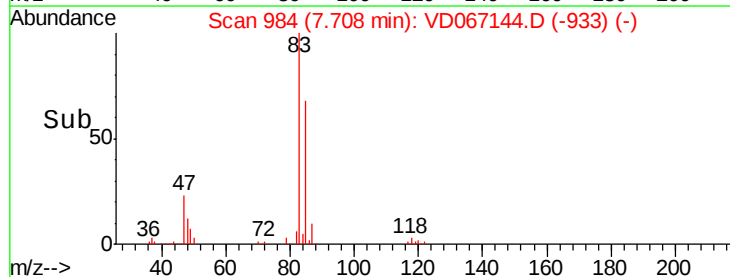
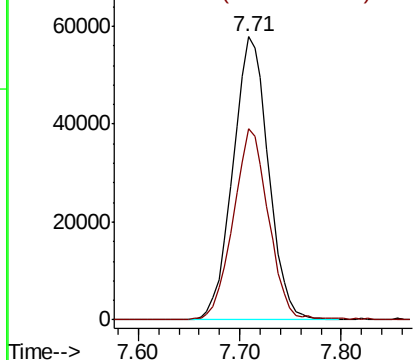


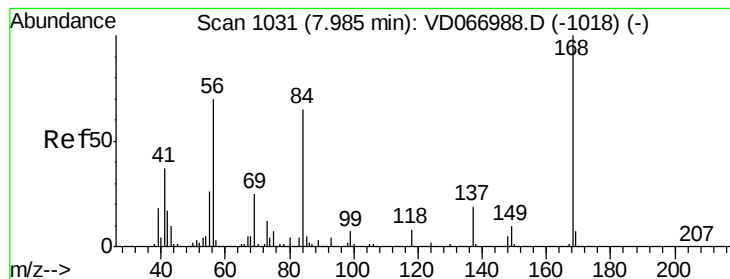
#30
Chloroform
Concen: 20.757 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 83 Resp: 140896
Ion Ratio Lower Upper
83 100
85 67.6 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: 18.889 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

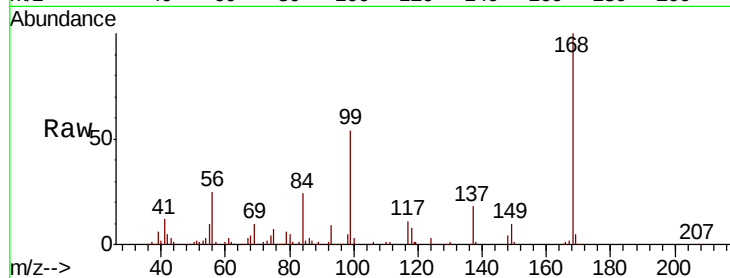
Tot Ion: 56 Resp: 99090

Ion Ratio Lower Upper

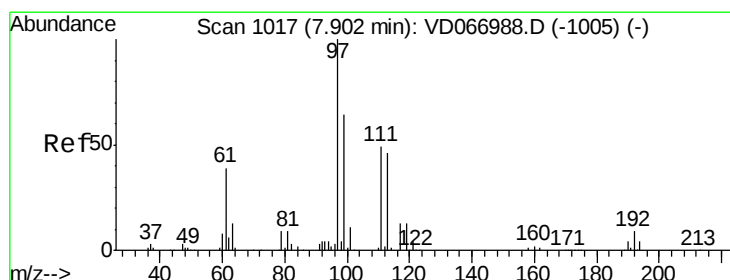
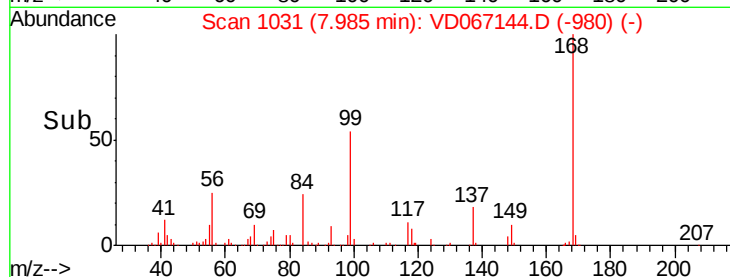
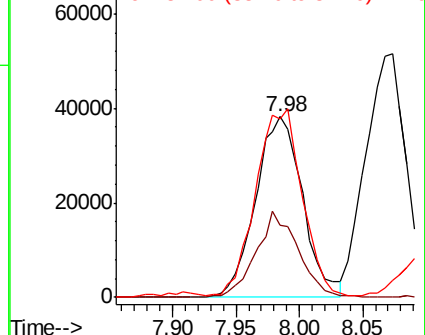
56 100

69 40.2 29.0 43.6

84 96.2 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: 21.403 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

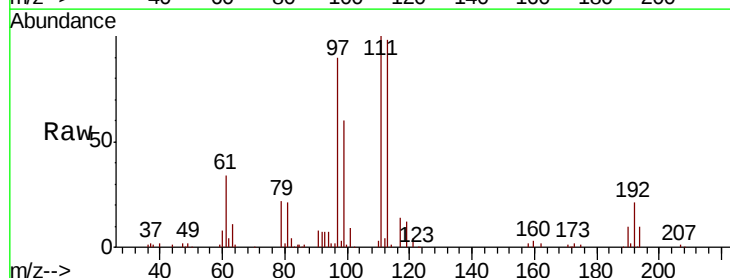
Tgt Ion: 97 Resp: 134644

Ion Ratio Lower Upper

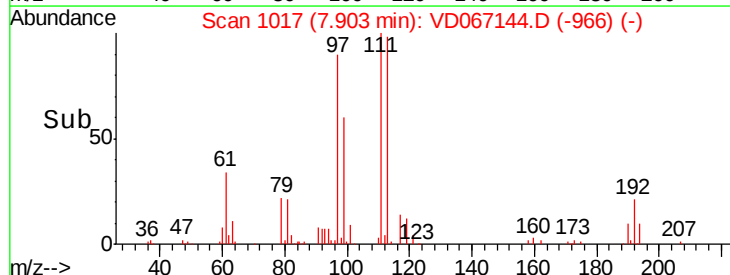
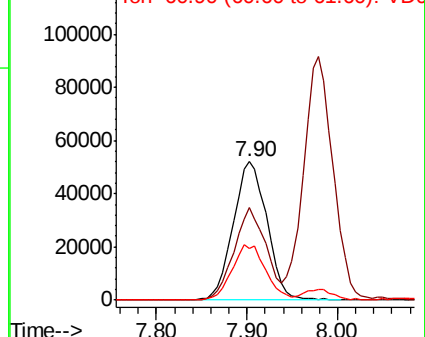
97 100

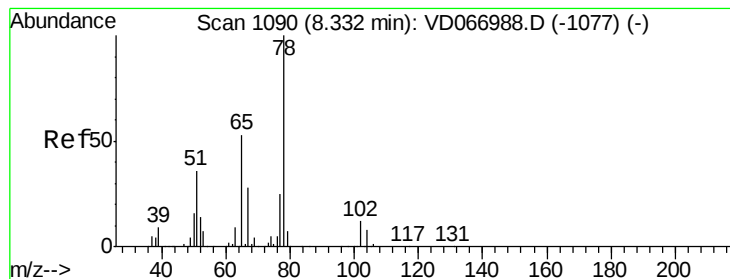
99 63.4 52.6 78.8

61 39.8 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: 49.750 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

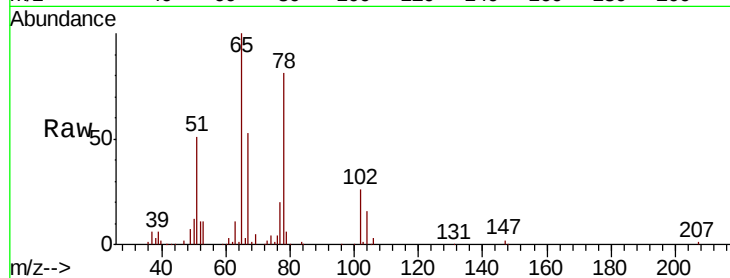
VD1007SBS01

Tot Ion: 65 Resp: 173785

Ion Ratio Lower Upper

65 100

67 50.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

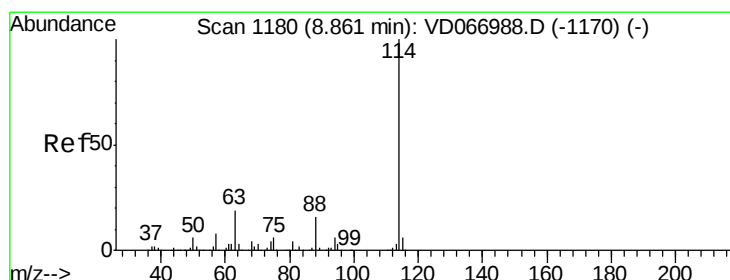
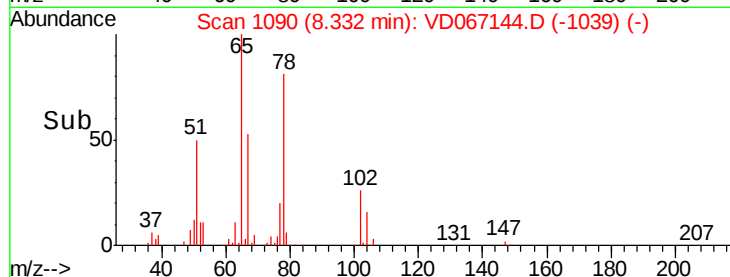
40000

20000

0

8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

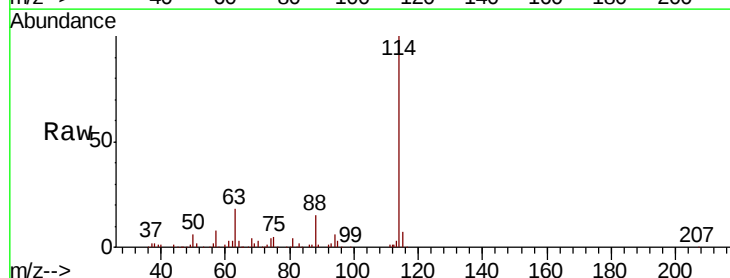
Tgt Ion: 114 Resp: 557243

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.86

300000

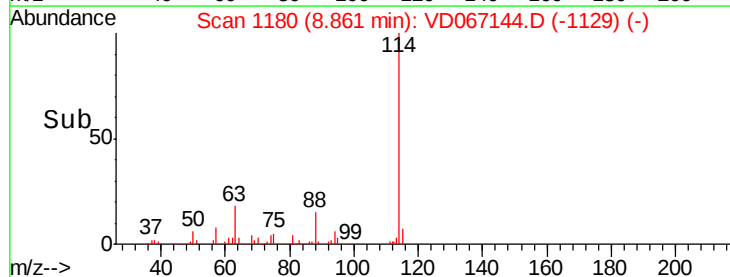
200000

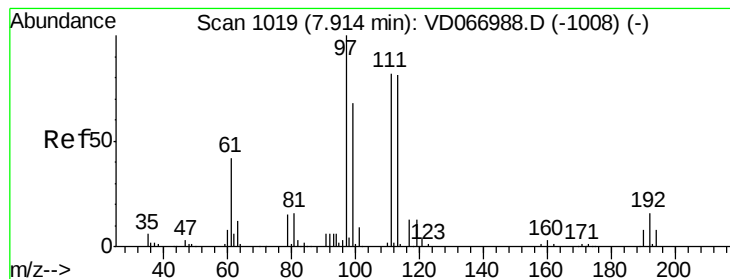
100000

0

8.80 8.90

Time-->





#35

Dibromofluoromethane

Concen: 50.387 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD01

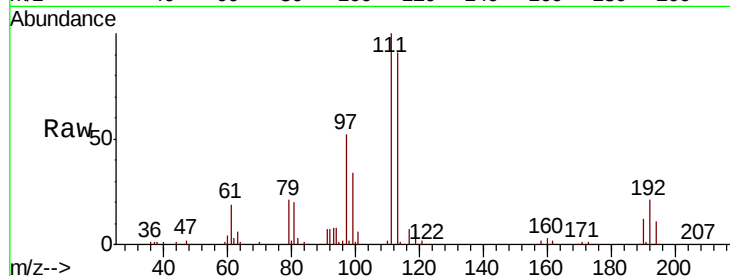
Tot Ion:113 Resp: 183821

Ion Ratio Lower Upper

113 100

111 105.6 83.0 124.4

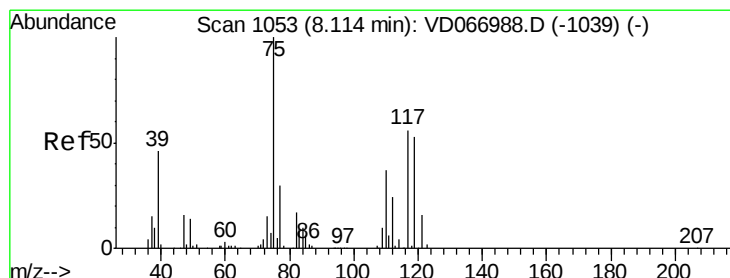
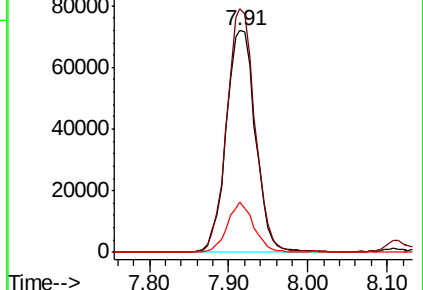
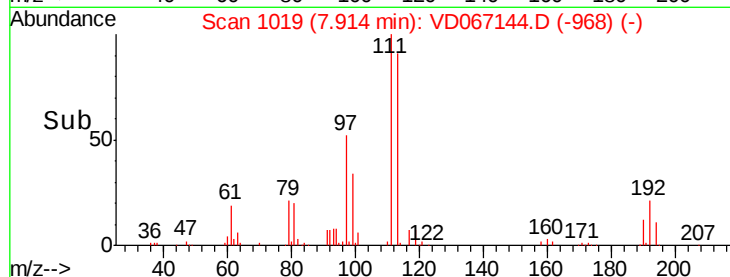
192 20.3 15.5 23.3



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: 20.259 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

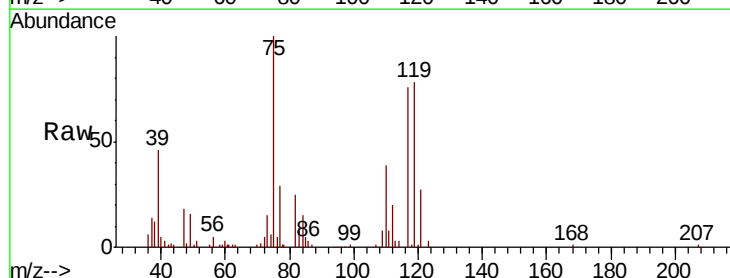
Tgt Ion: 75 Resp: 105226

Ion Ratio Lower Upper

75 100

110 38.2 18.4 55.0

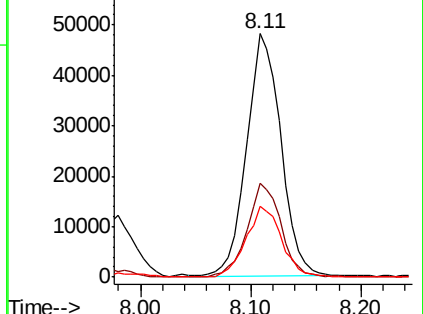
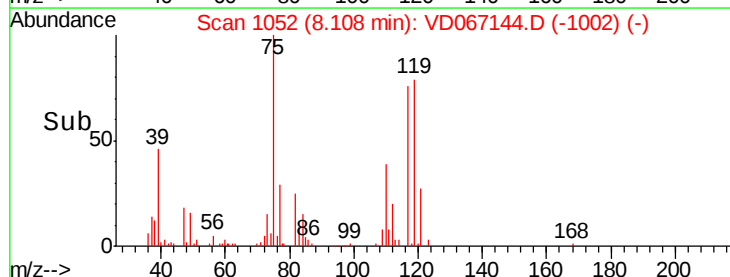
77 30.1 24.8 37.2

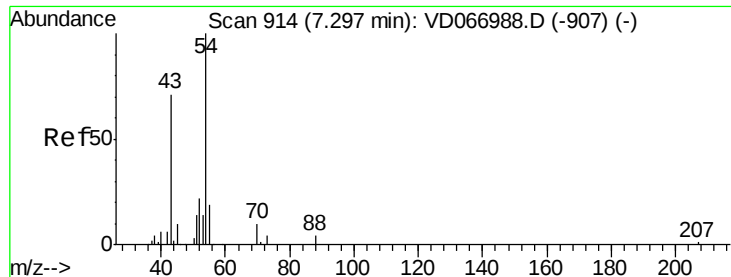


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

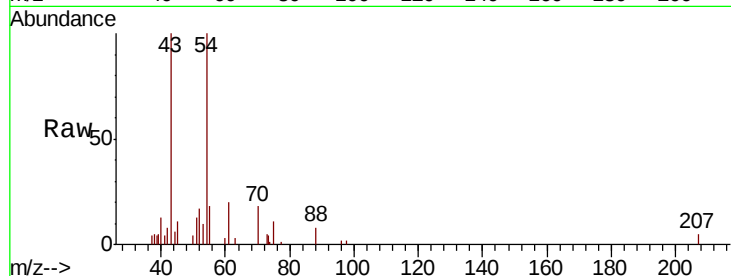




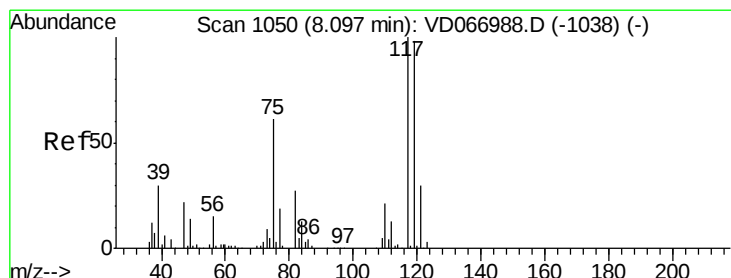
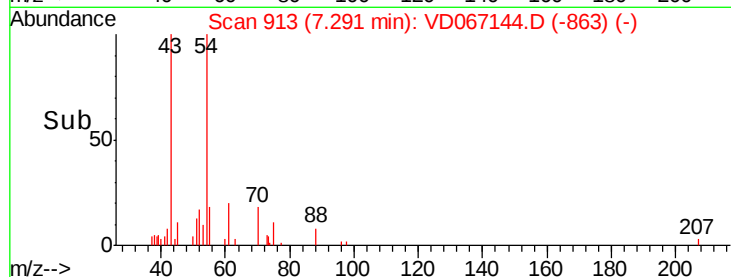
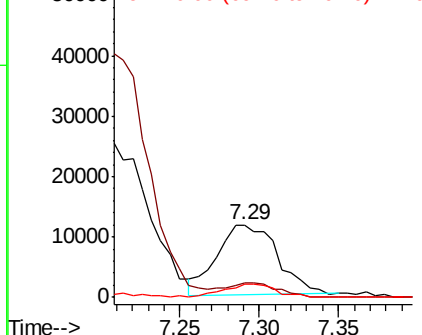
#37
Ethyl Acetate
Concen: 16.941 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion: 43 Resp: 30484
Ion Ratio Lower Upper
43 100
61 16.7 12.5 18.7
70 16.2 9.4 14.0#

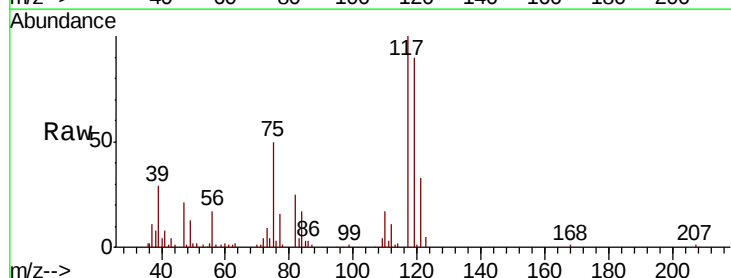


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 70.00 (69.70 to 70.70): VDC

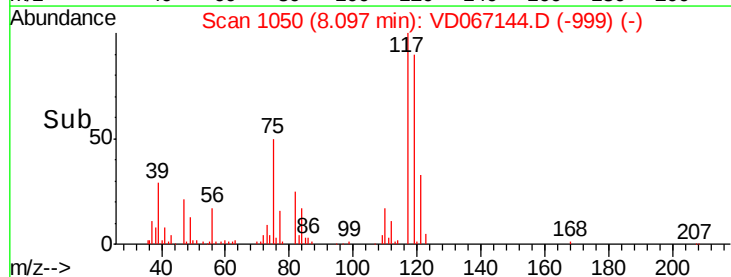
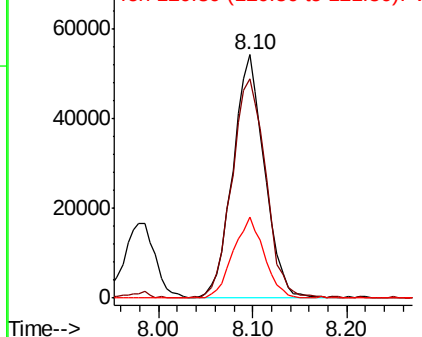


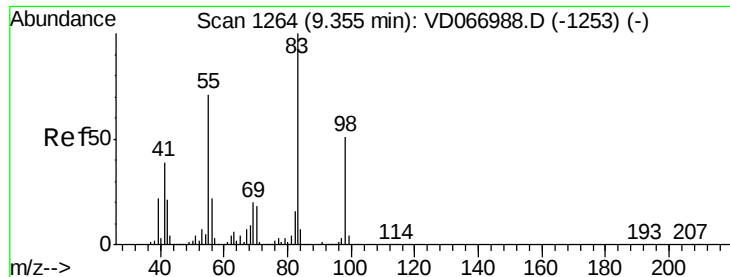
#38
Carbon Tetrachloride
Concen: 22.575 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 117 Resp: 126871
Ion Ratio Lower Upper
117 100
119 90.2 78.7 118.1
121 33.4 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

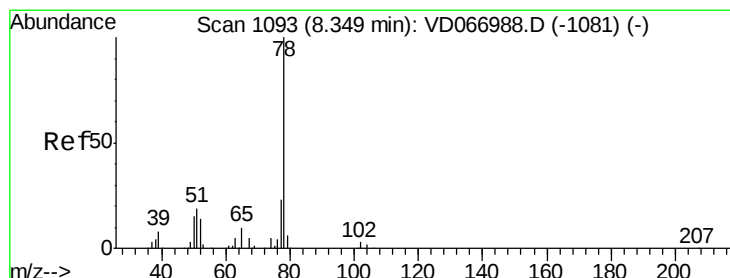
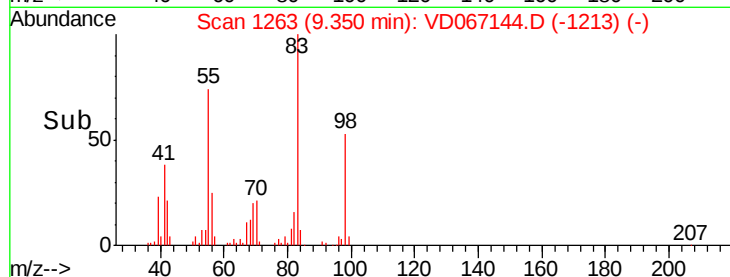
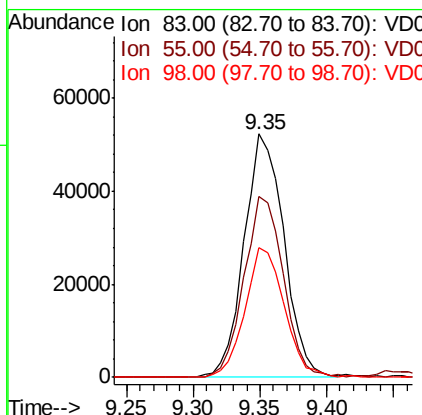
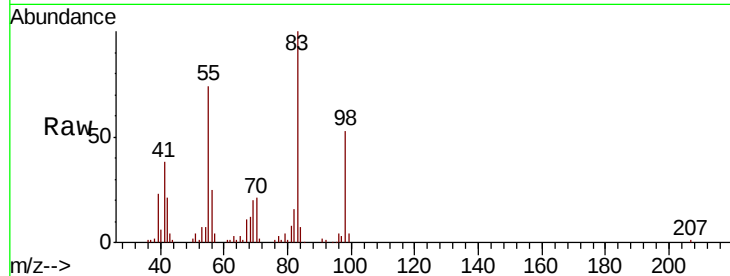




#39
Methvlcvclohexane
Concen: 19.687 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

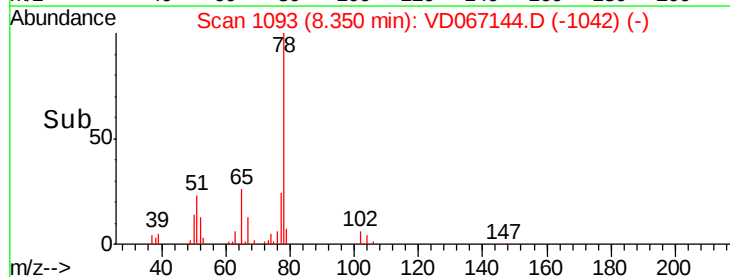
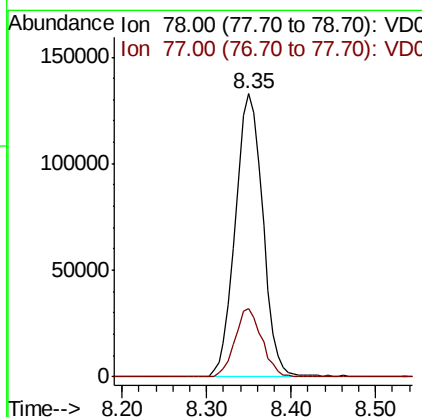
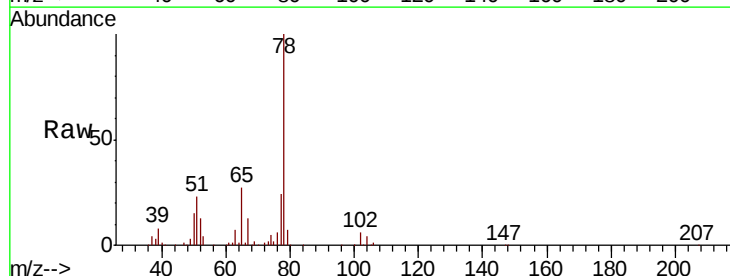
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

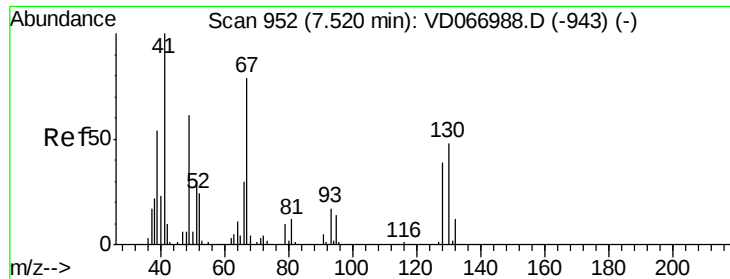
Tot Ion: 83 Resp: 108109
Ion Ratio Lower Upper
83 100
55 74.3 57.1 85.7
98 53.2 40.9 61.3



#40
Benzene
Concen: 20.717 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 78 Resp: 298882
Ion Ratio Lower Upper
78 100
77 24.2 18.4 27.6

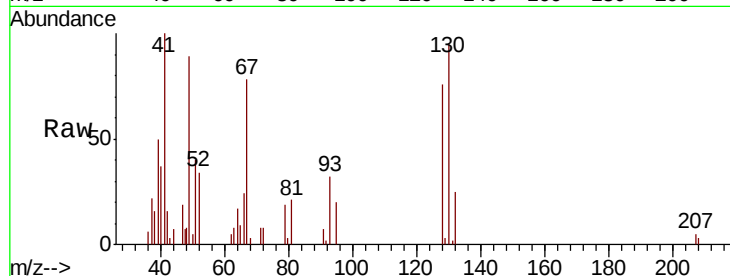




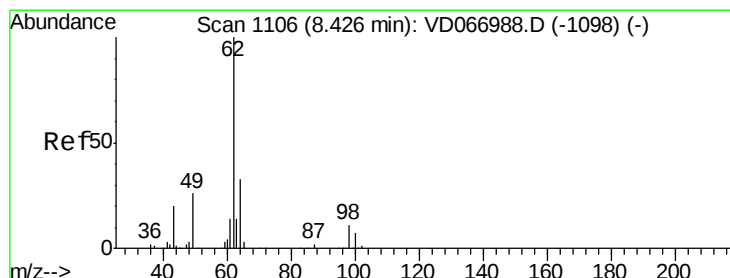
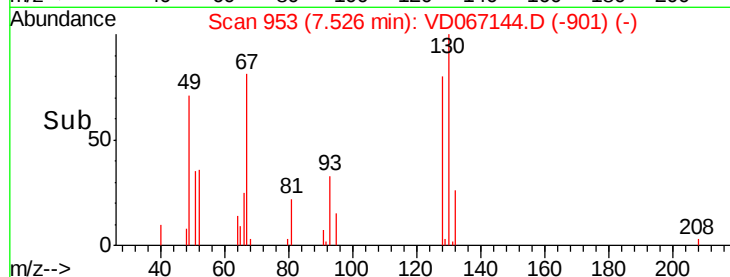
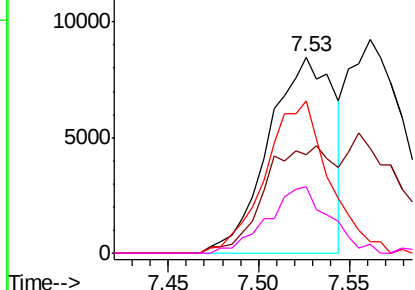
#41
Methacrylonitrile
Concen: 22.029 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion:	41	Resp:	21415
Ion	Ratio	Lower	Upper
41	100		
39	58.1	0.0	0.0#
67	75.2	0.0	0.0#
52	31.8	0.0	0.0#

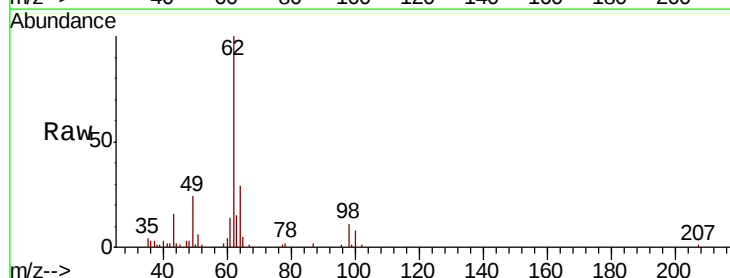


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

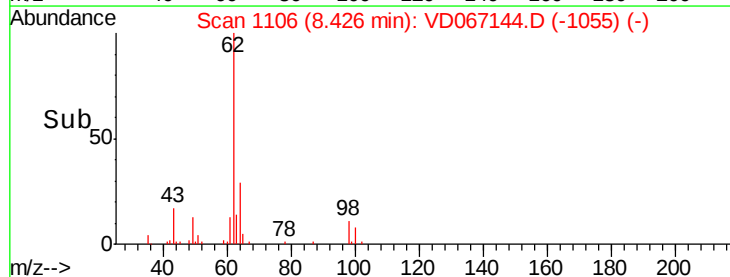
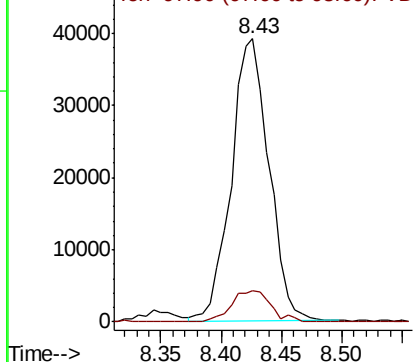


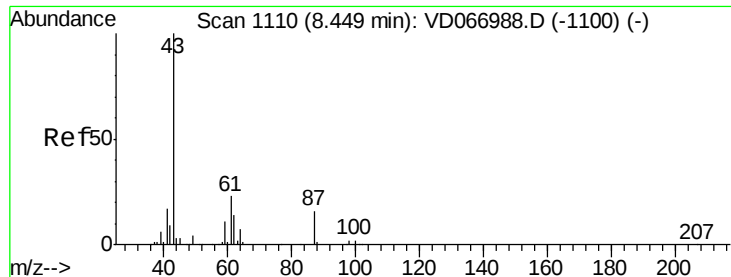
#42
1,2-Dichloroethane
Concen: 21.122 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion:	62	Resp:	85149
Ion	Ratio	Lower	Upper
62	100		
98	11.7	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: 18.578 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

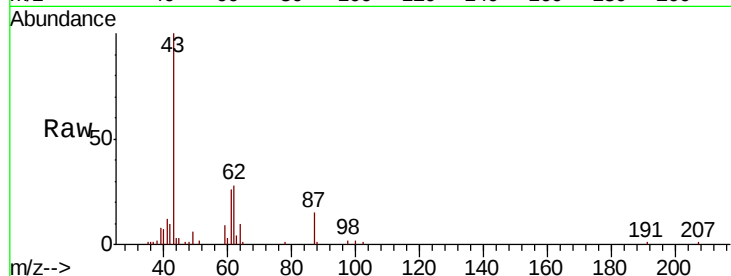
Tot Ion: 43 Resp: 61582

Ion Ratio Lower Upper

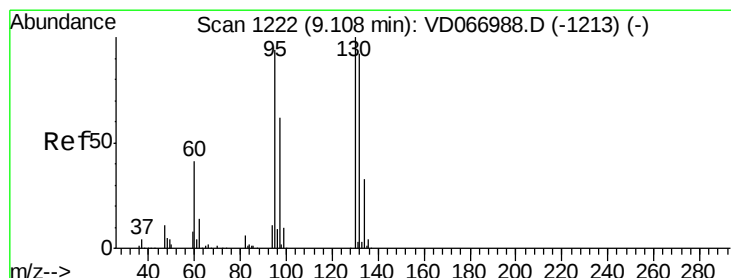
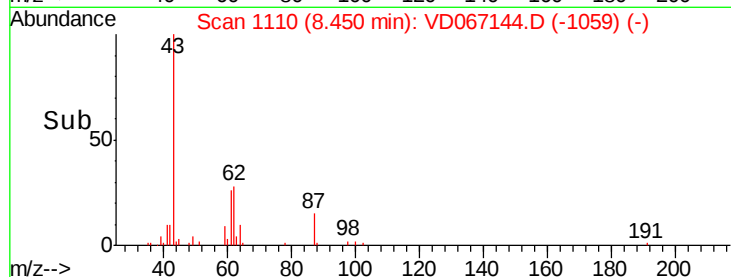
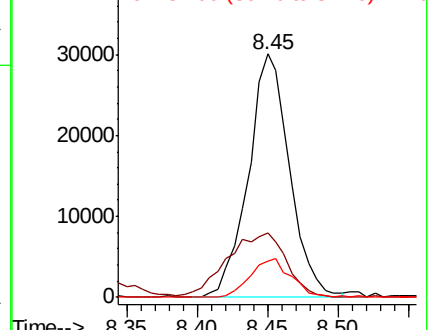
43 100

61 37.8 27.1 40.7

87 15.7 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: 21.080 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.01 min

Lab File: VD067144.D

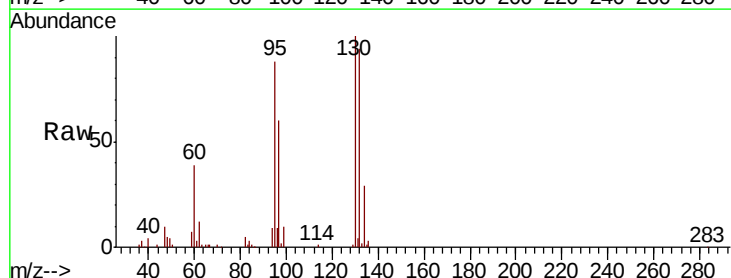
Acq: 07 Oct 2020 11:26

Tgt Ion:130 Resp: 90815

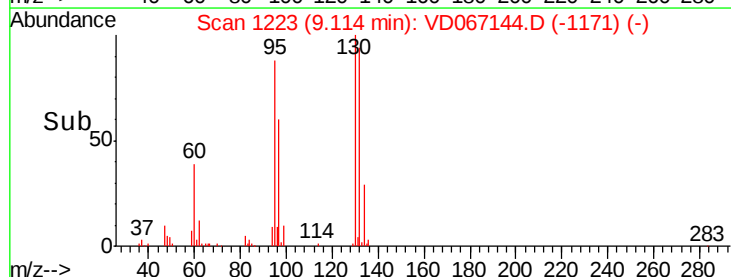
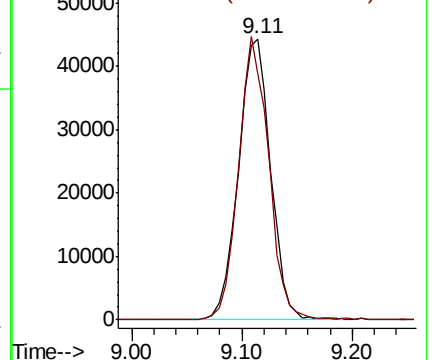
Ion Ratio Lower Upper

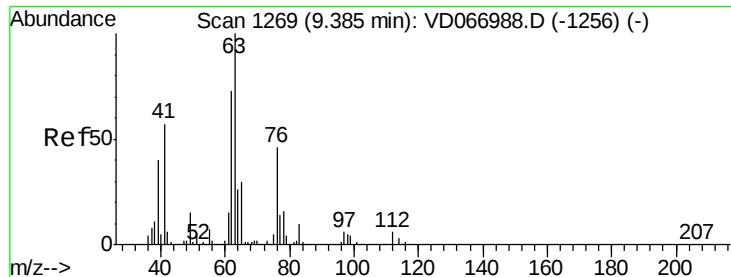
130 100

95 87.6 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: 20.172 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

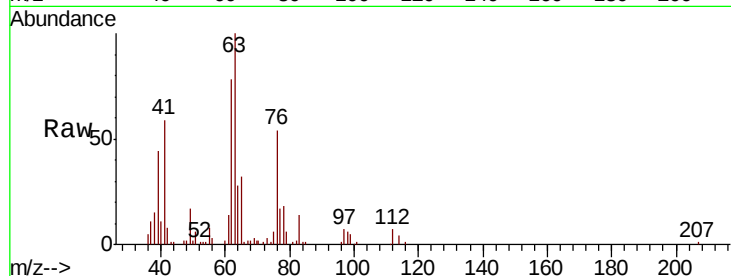
VD1007SBSD01

Tot Ion: 63 Resp: 68378

Ion Ratio Lower Upper

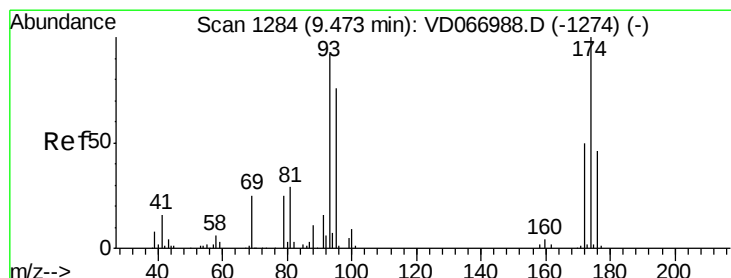
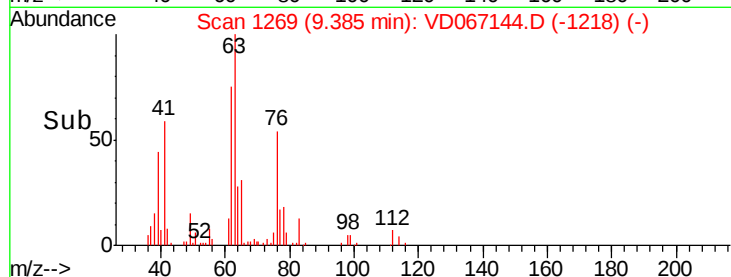
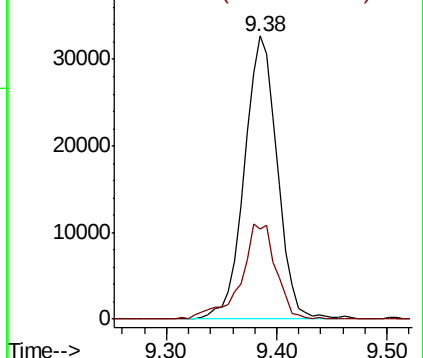
63 100

65 31.7 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.246 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

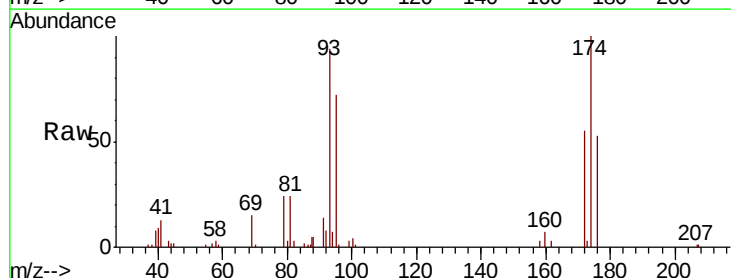
Tgt Ion: 93 Resp: 41393

Ion Ratio Lower Upper

93 100

95 82.1 64.7 97.1

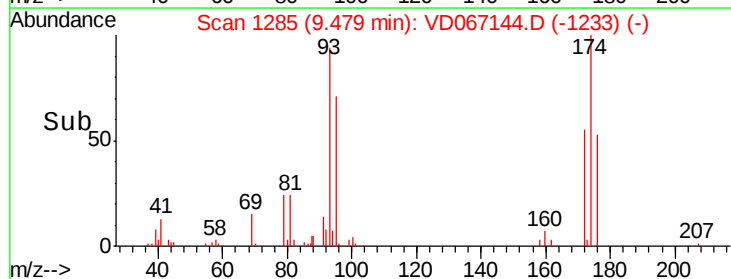
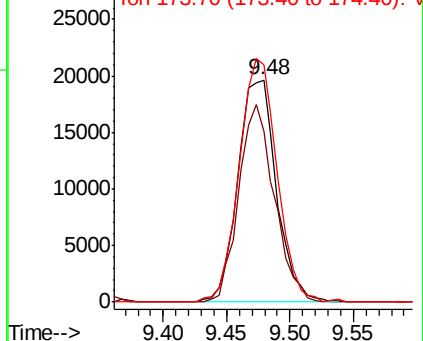
174 108.2 81.4 122.2

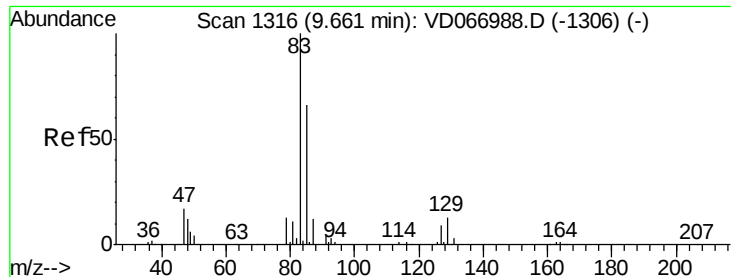


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V

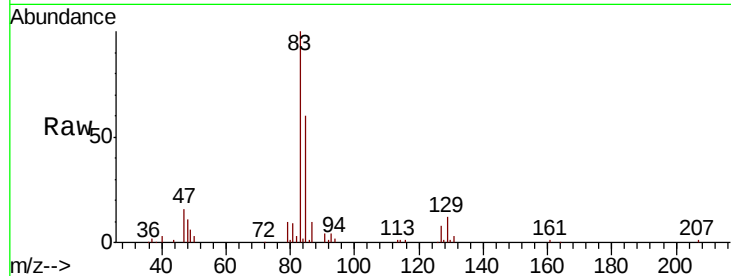




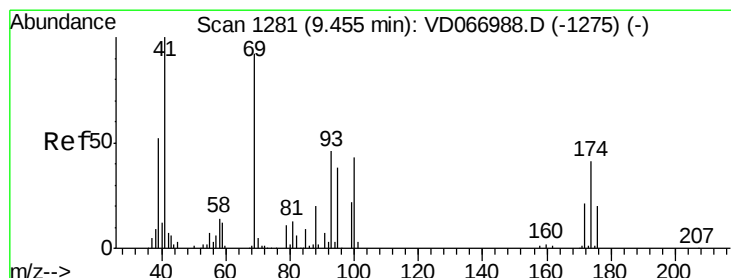
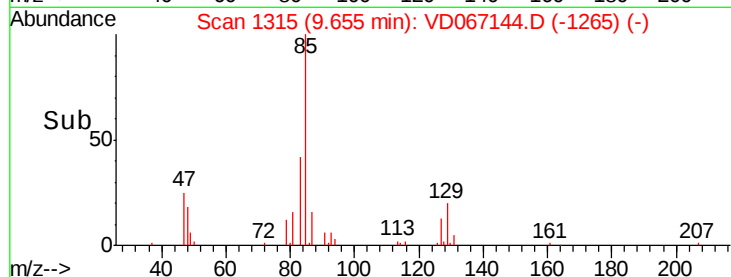
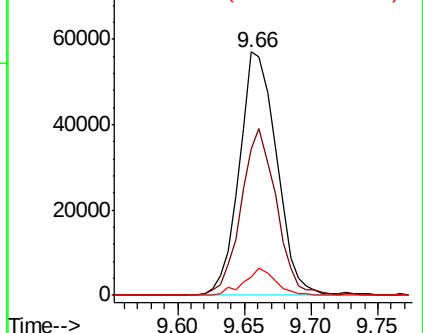
#47
Bromodichloromethane
Concen: 21.779 ug/l
RT: 9.66 min Scan# 1315
Delta R.T. -0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion: 83 Resp: 110298
Ion Ratio Lower Upper
83 100
85 60.1 52.9 79.3
127 7.8 7.3 10.9

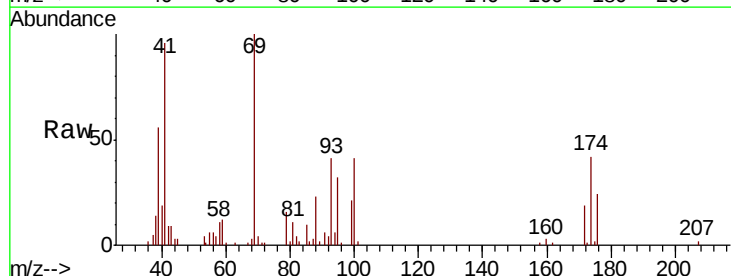


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): V

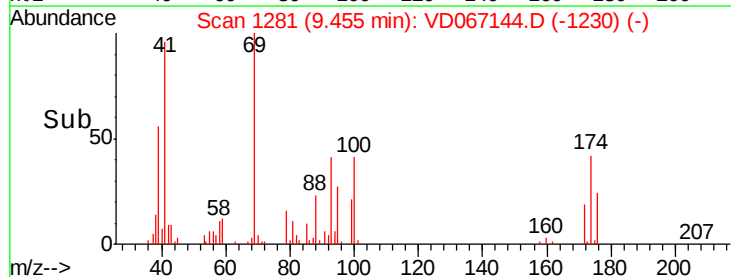
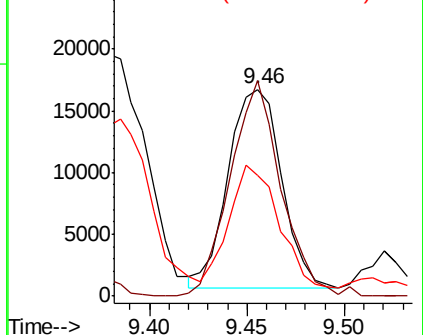


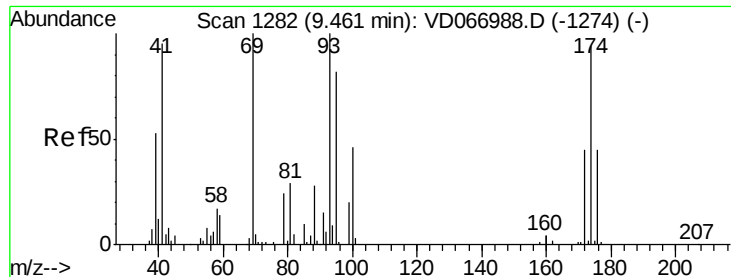
#48
Methyl methacrylate
Concen: 17.878 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 41 Resp: 30362
Ion Ratio Lower Upper
41 100
69 104.4 68.5 102.7#
39 66.8 40.2 60.2#



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

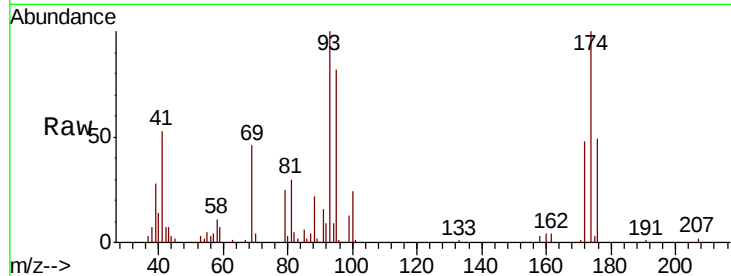




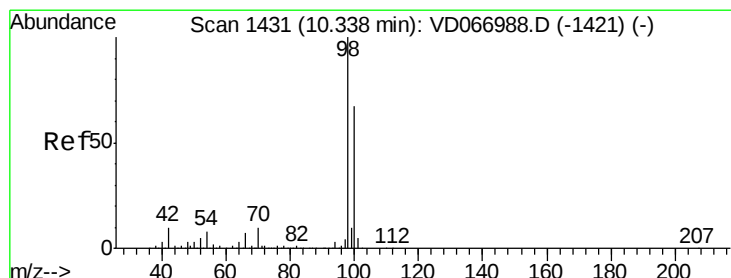
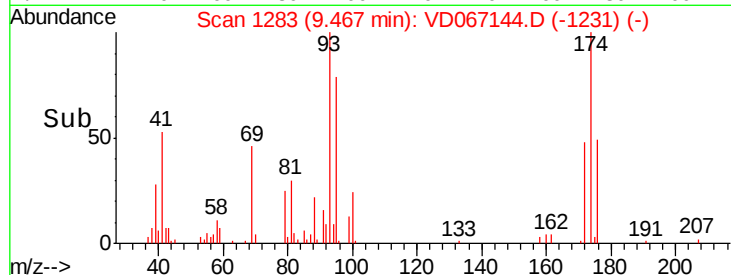
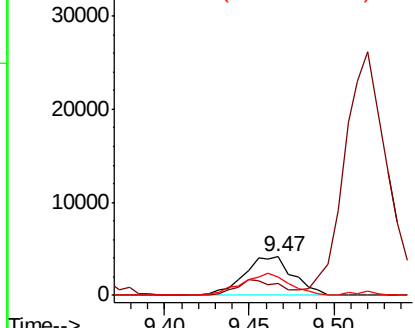
#49
1,4-Dioxane
Concen: 409.613 ug/l
RT: 9.47 min Scan# 1283
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

Tot Ion: 88 Resp: 8329
Ion Ratio Lower Upper
88 100
43 33.1 25.6 38.4
58 56.4 53.5 80.3

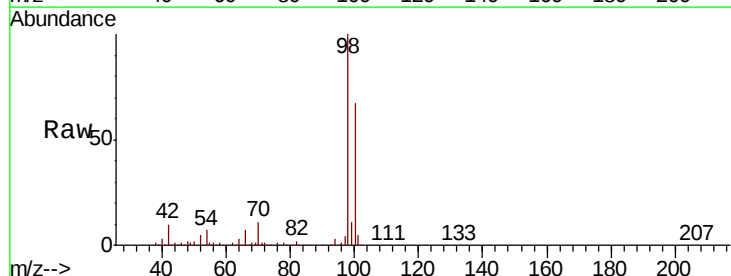


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

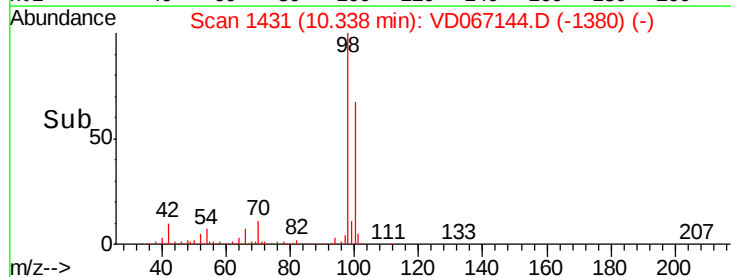
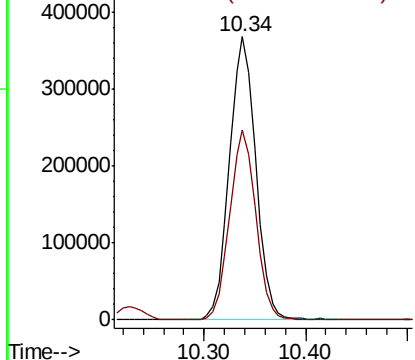


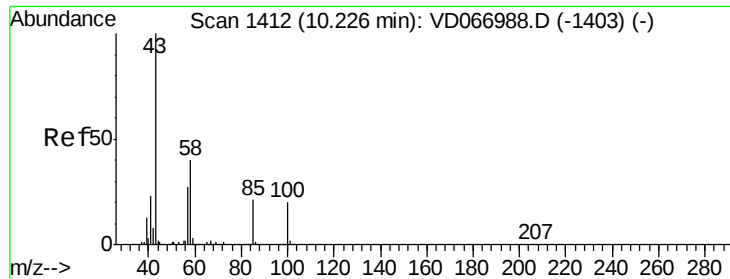
#50
Toluene-d8
Concen: 50.202 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 98 Resp: 667365
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: 93.438 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

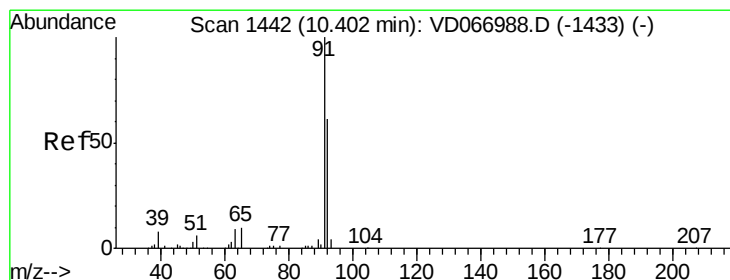
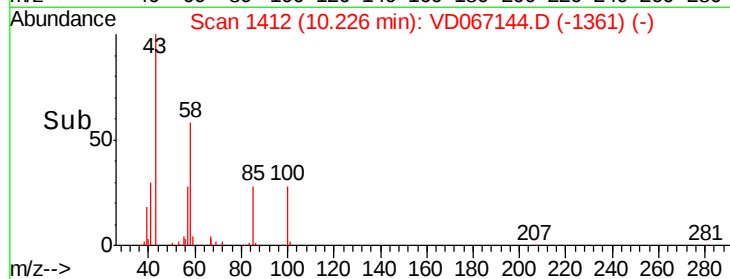
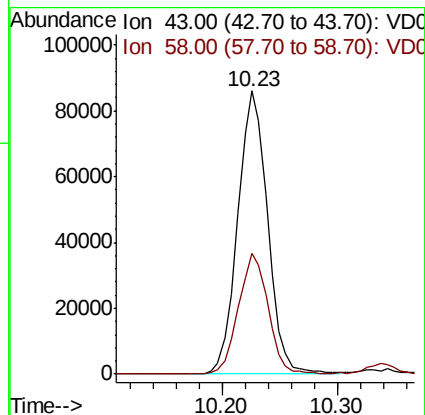
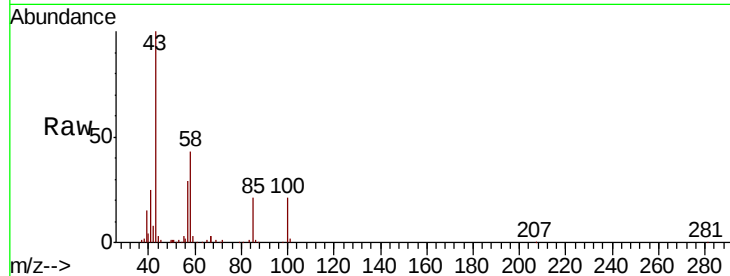
VD1007SBS01

Tot Ion: 43 Resp: 154278

Ion Ratio Lower Upper

43 100

58 42.5 33.8 50.8



#52

Toluene

Concen: 22.050 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067144.D

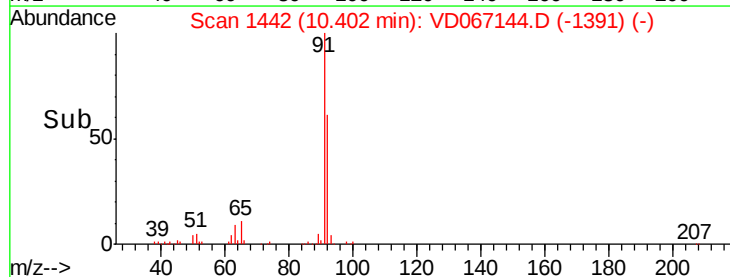
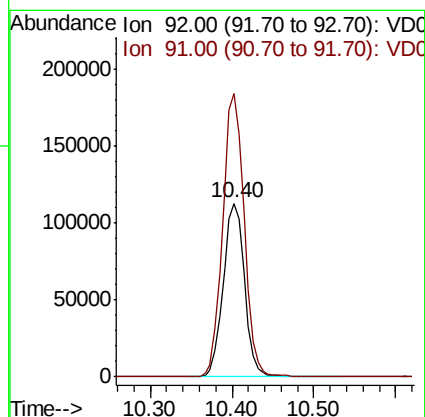
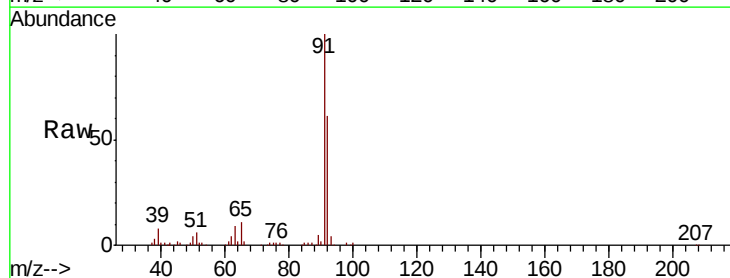
Acq: 07 Oct 2020 11:26

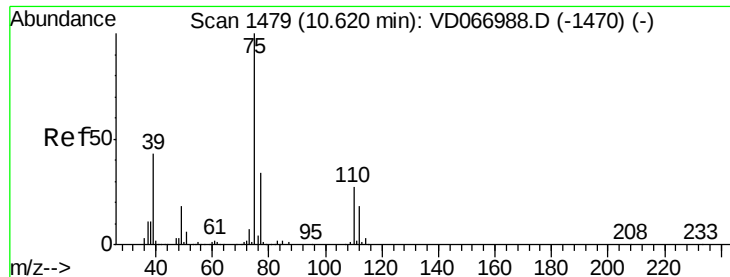
Tgt Ion: 92 Resp: 204918

Ion Ratio Lower Upper

92 100

91 164.9 135.1 202.7





#53

t-1,3-Dichloropropene

Concen: 21.450 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

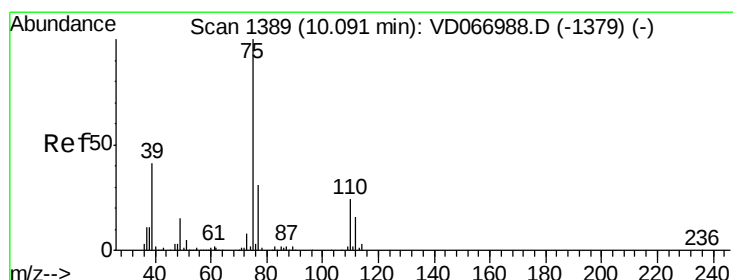
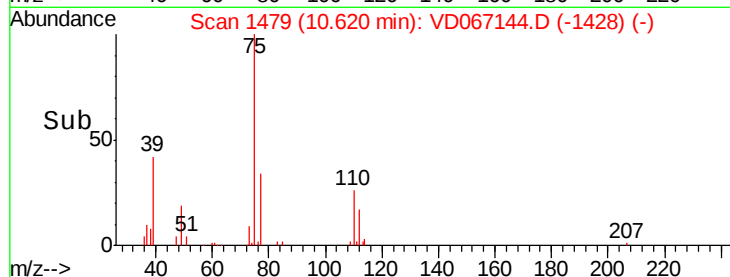
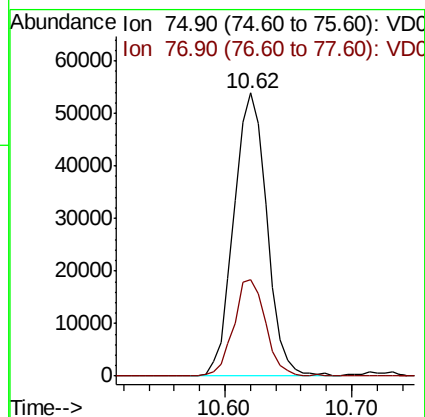
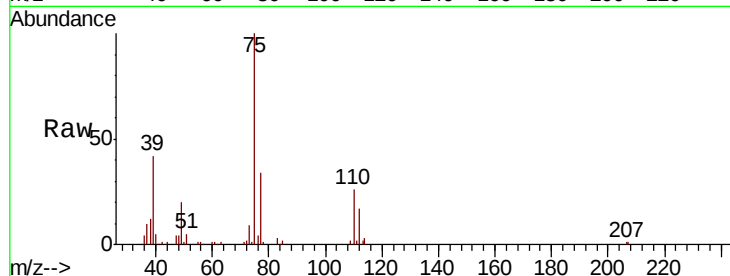
VD1007SBSD01

Tot Ion: 75 Resp: 97090

Ion Ratio Lower Upper

75 100

77 34.0 27.1 40.7



#54

cis-1,3-Dichloropropene

Concen: 21.383 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

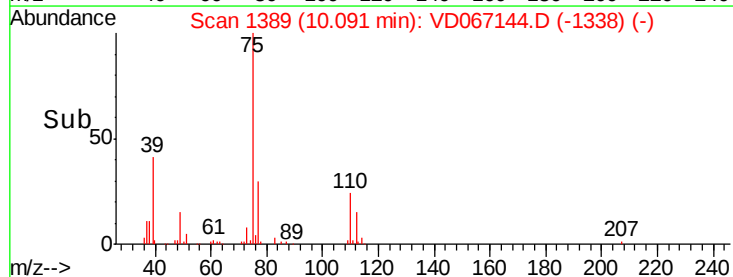
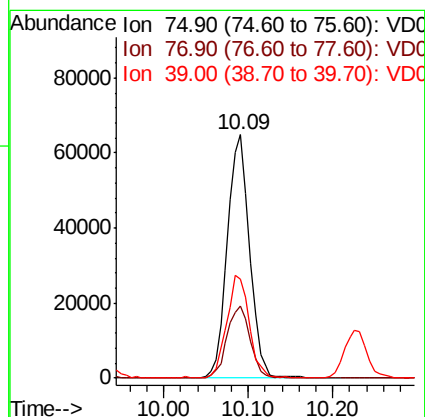
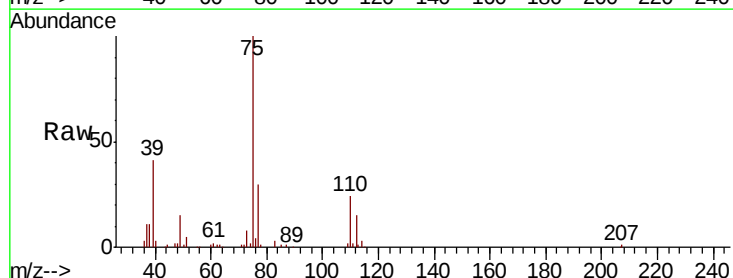
Tgt Ion: 75 Resp: 118186

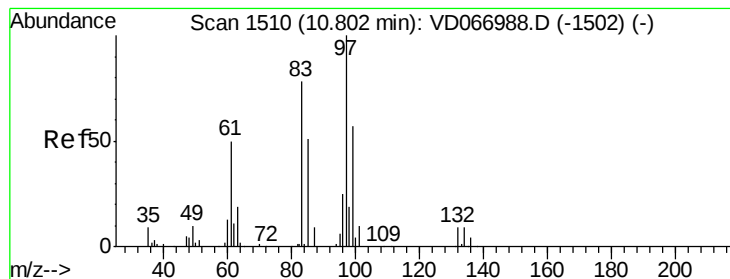
Ion Ratio Lower Upper

75 100

77 29.8 24.6 37.0

39 40.8 33.0 49.4





#55

1,1,2-Trichloroethane

Concen: 21.689 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD01

Tot Ion: 97 Resp: 58750

Ion	Ratio	Lower	Upper
97	100		
83	69.8	62.4	93.6
85	53.1	41.0	61.4
99	60.2	45.9	68.9

Abundance

Ion 96.90 (96.60 to 97.60): VDC

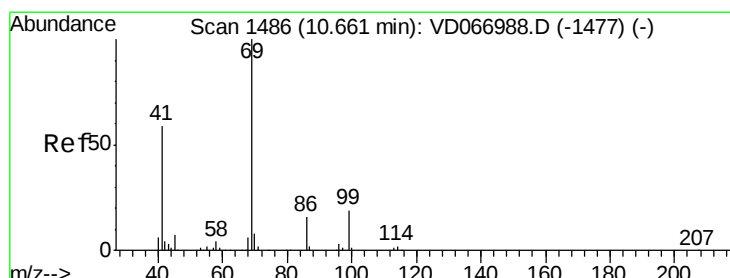
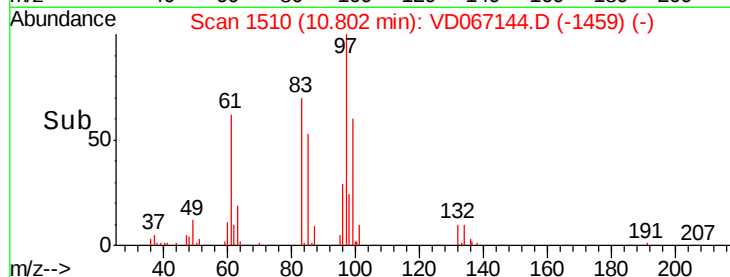
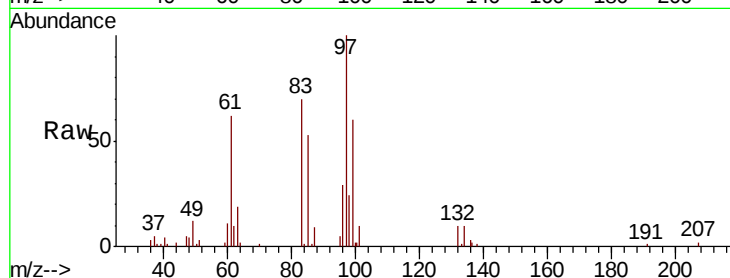
Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

10.80

Time-->



#56

Ethyl methacrylate

Concen: 20.728 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion: 69 Resp: 57968

Ion	Ratio	Lower	Upper
69	100		
41	57.7	46.4	69.6
39	30.3	23.8	35.6

Abundance

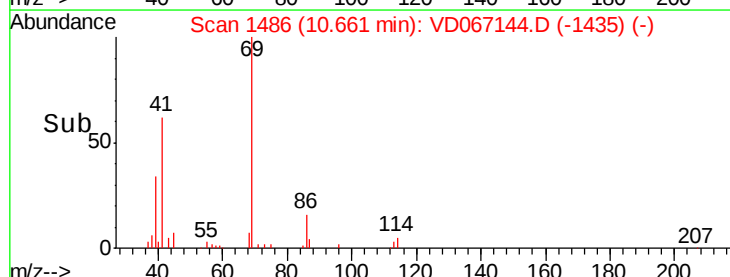
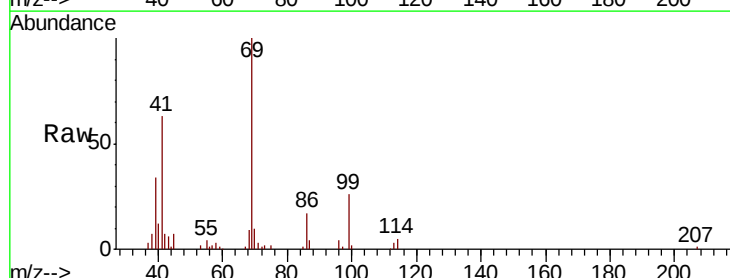
Ion 69.00 (68.70 to 69.70): VDC

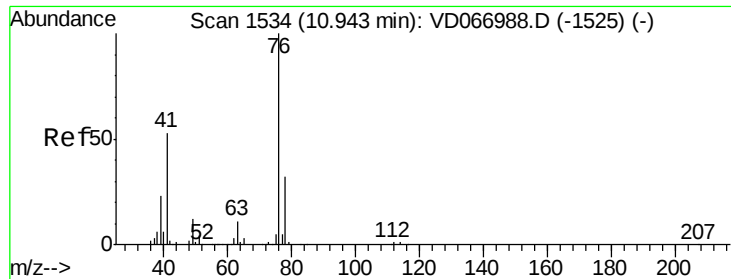
Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.66

Time-->

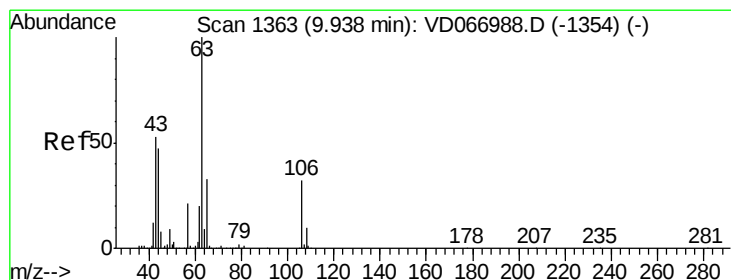
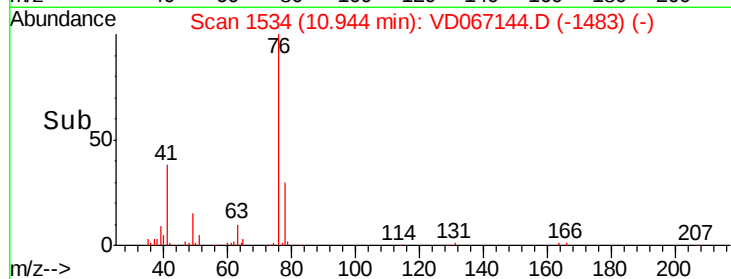
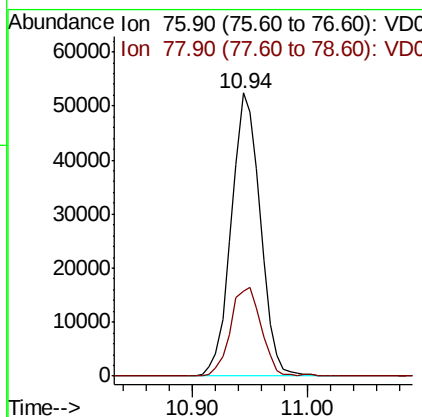
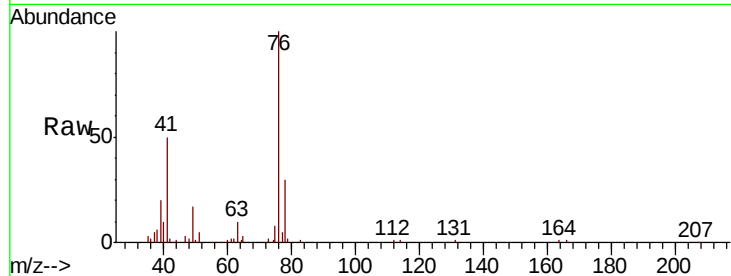




#57
 1,3-Dichloropropane
 Concen: 20.823 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

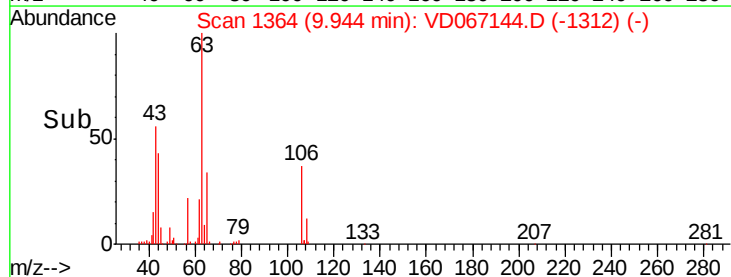
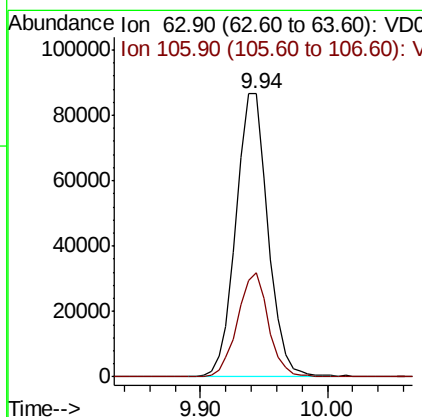
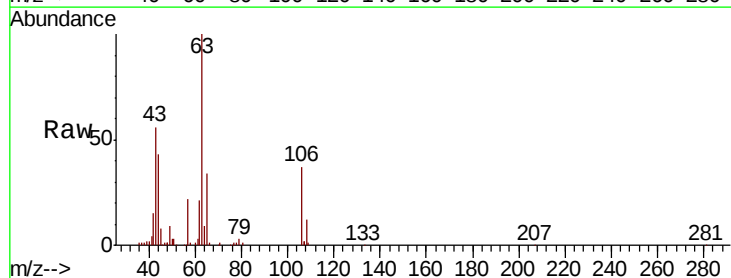
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

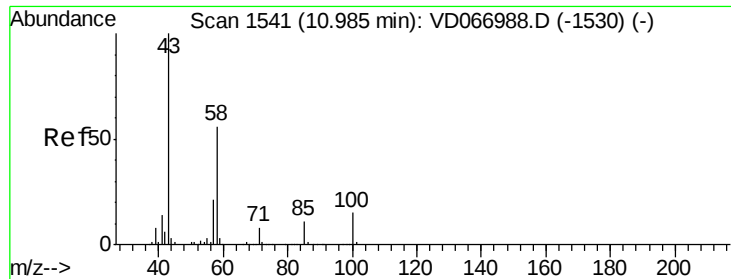
Tot Ion: 76 Resp: 91466
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.632 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion: 63 Resp: 151966
 Ion Ratio Lower Upper
 63 100
 106 35.4 25.3 37.9

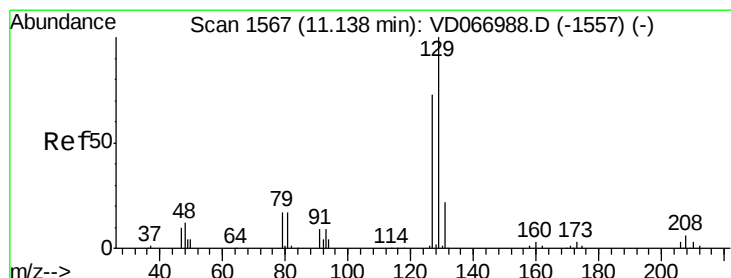
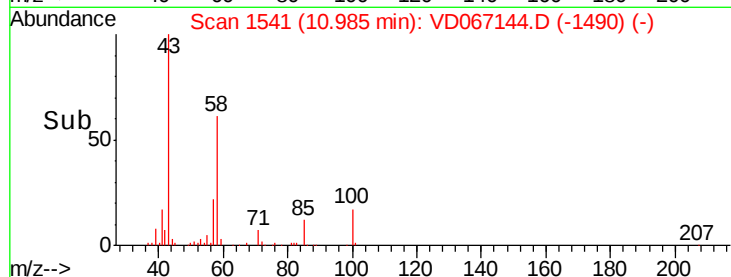
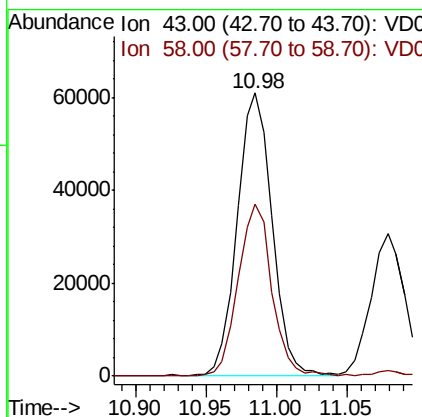
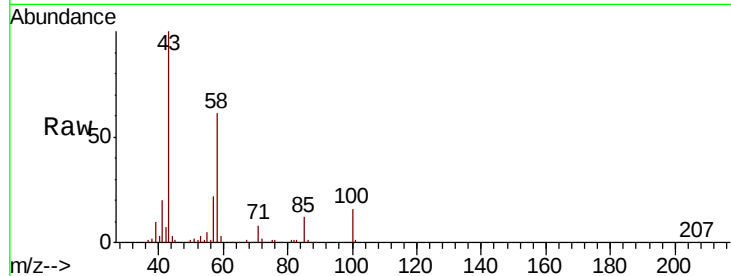




#59
2-Hexanone
Concen: 95.904 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

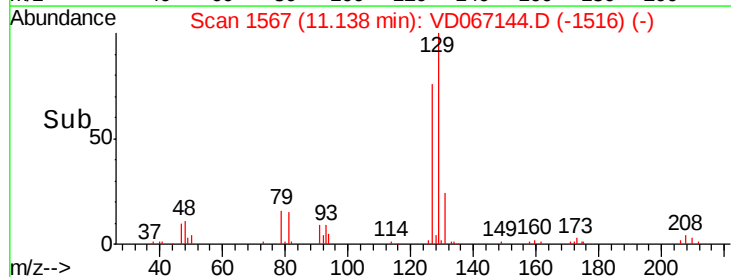
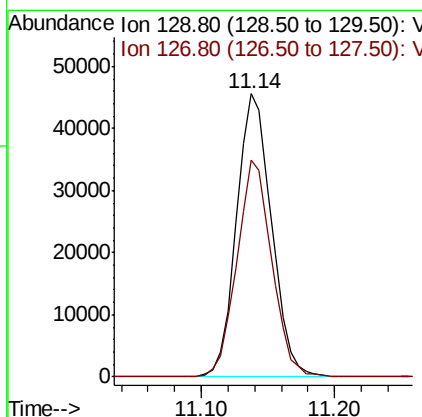
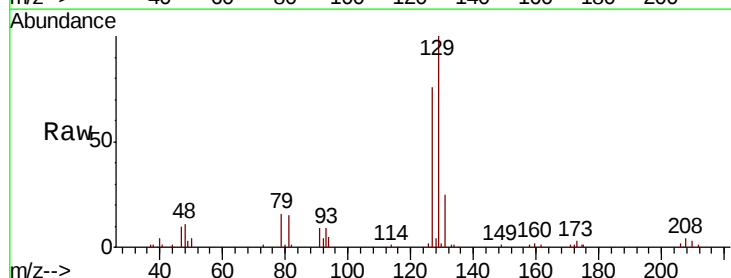
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

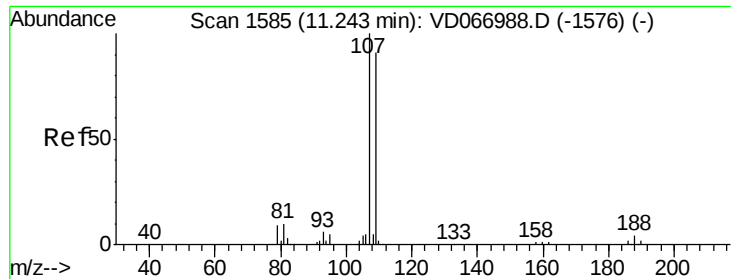
Tot Ion: 43 Resp: 105689
Ion Ratio Lower Upper
43 100
58 59.1 28.3 84.9



#60
Dibromochloromethane
Concen: 22.826 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 129 Resp: 82407
Ion Ratio Lower Upper
129 100
127 76.6 37.4 112.1

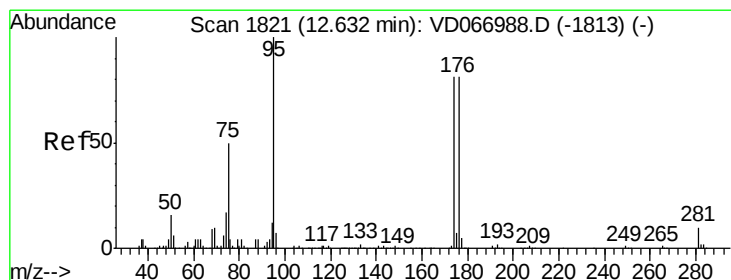
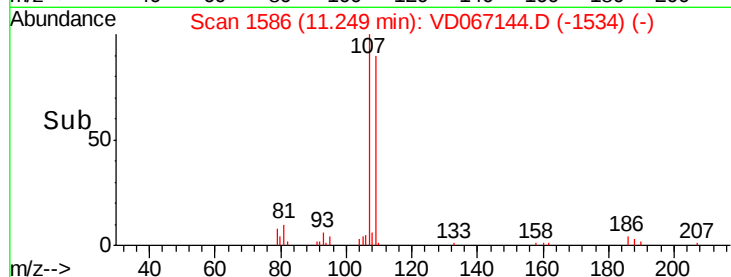
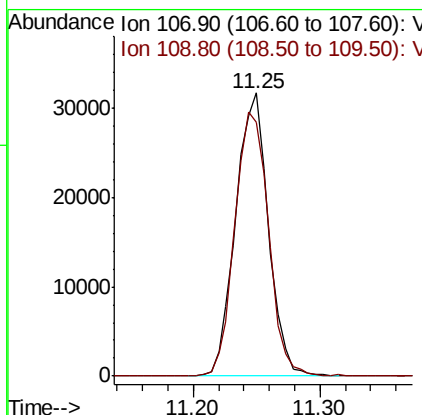
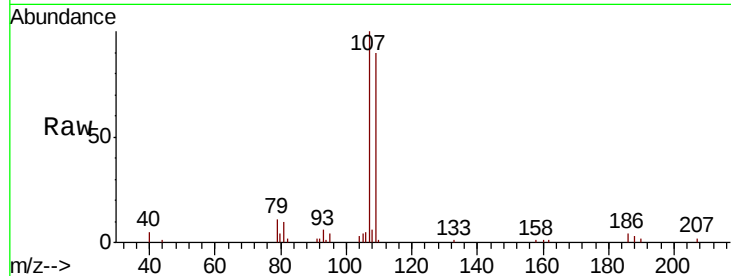




#61
 1,2-Dibromoethane
 Concen: 21.808 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

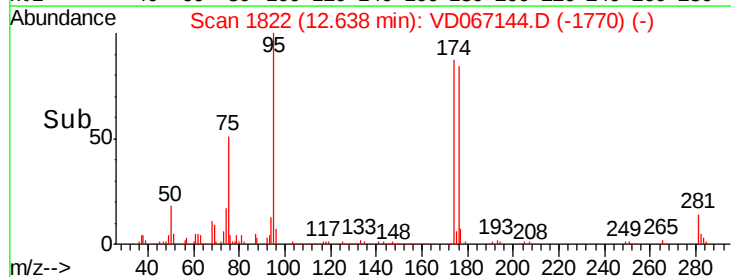
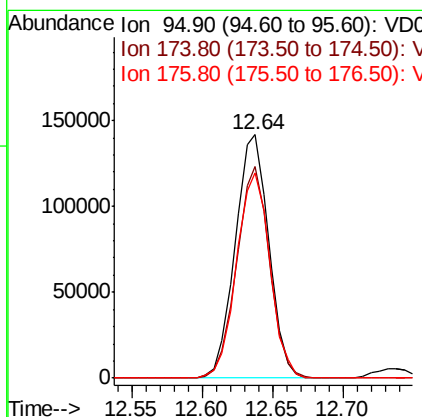
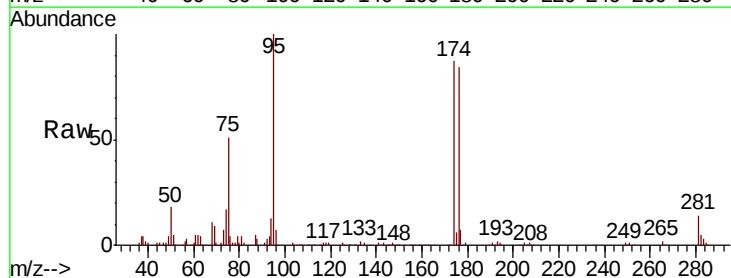
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBSD01

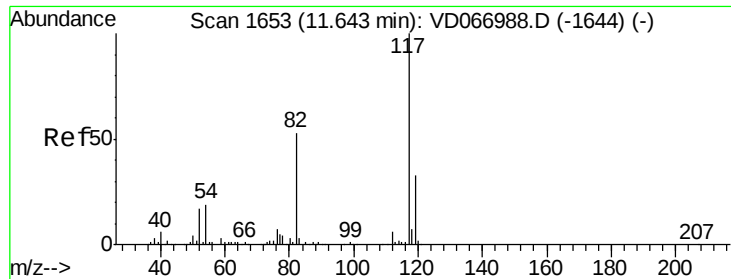
Tot Ion:107 Resp: 56752
 Ion Ratio Lower Upper
 107 100
 109 96.1 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 52.268 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion: 95 Resp: 235877
 Ion Ratio Lower Upper
 95 100
 174 84.7 0.0 167.6
 176 84.0 0.0 162.4

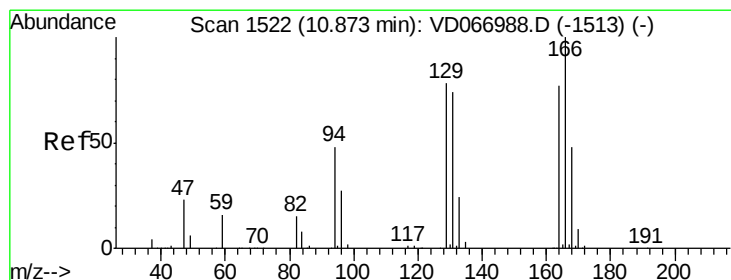
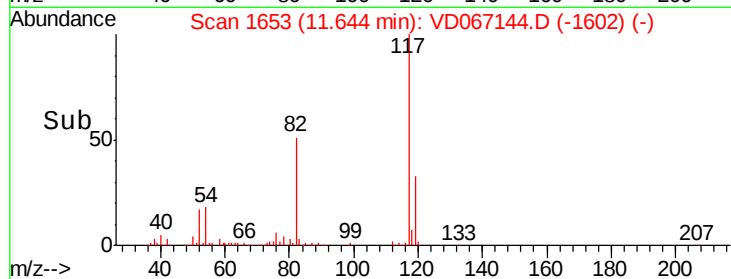
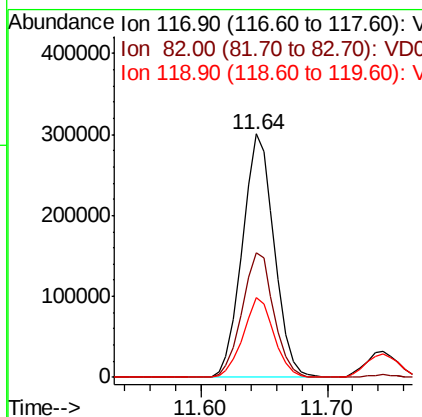
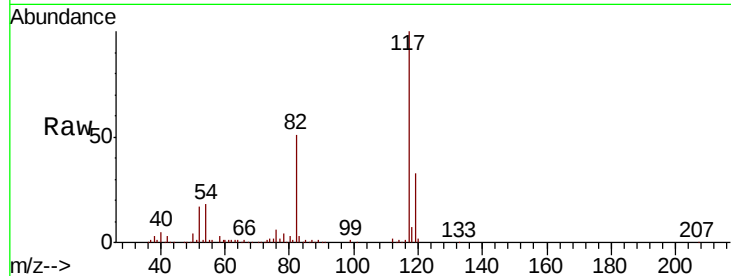




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

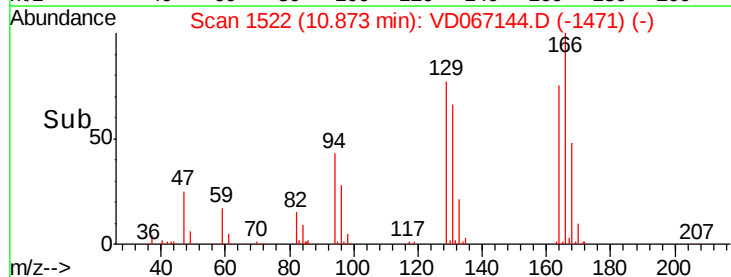
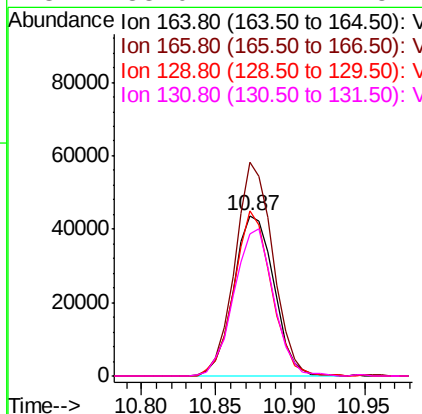
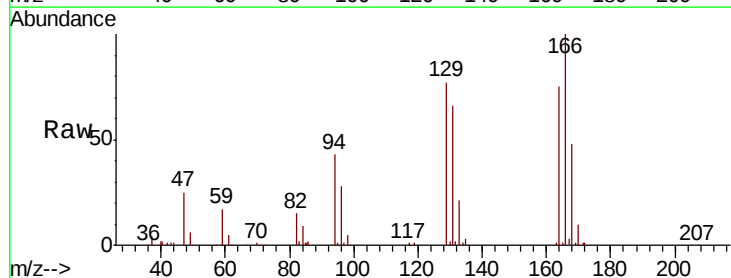
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

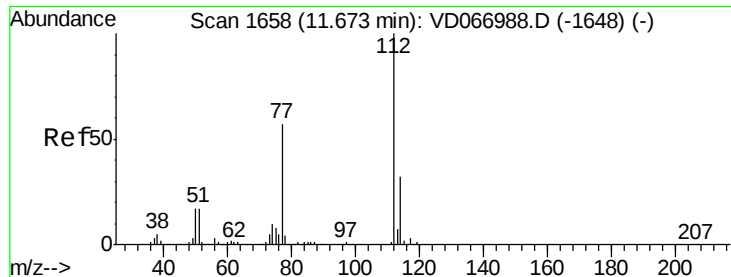
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	42.6	63.8
119	32.8	26.3	39.5



#64
Tetrachloroethene
Concen: 21.496 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.1	104.4	156.6
129	102.6	81.3	121.9
131	88.0	77.1	115.7

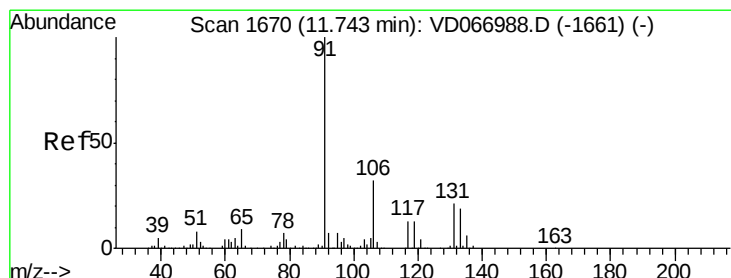
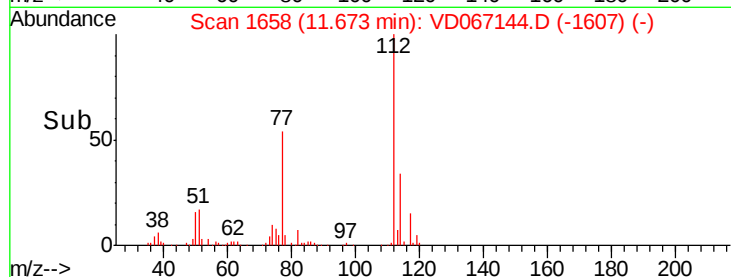
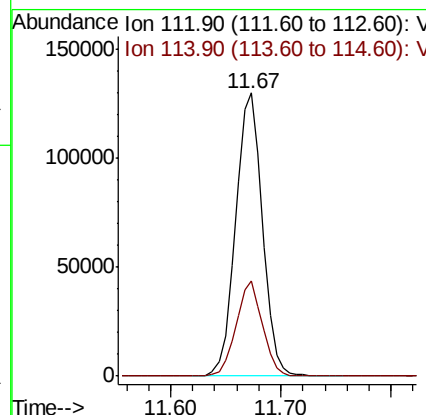
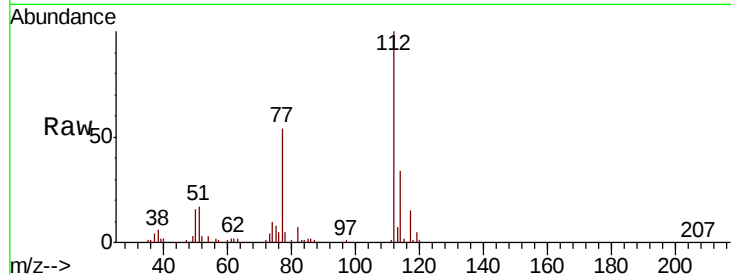




#65
Chlorobenzene
Concen: 21.179 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

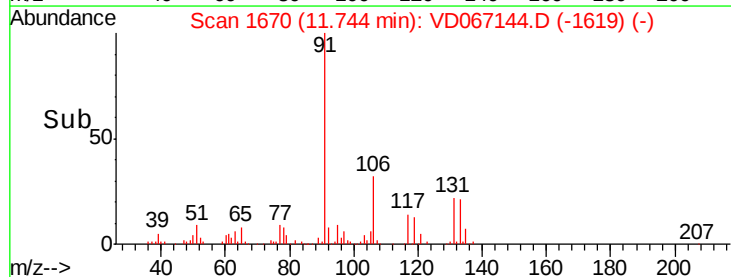
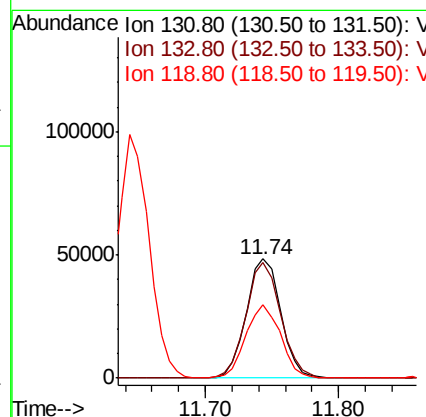
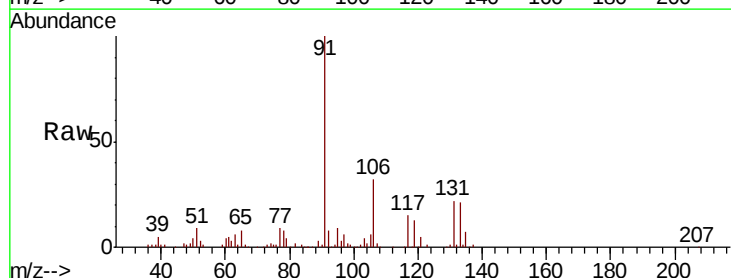
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

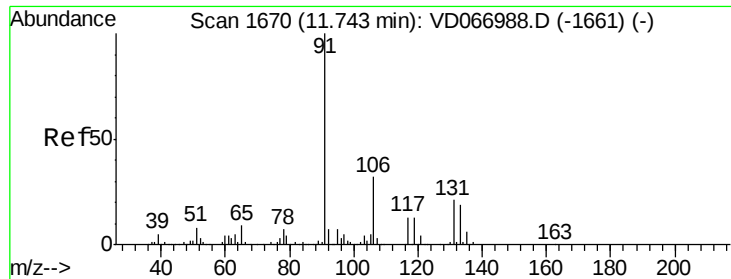
Tot Ion:112 Resp: 220541
Ion Ratio Lower Upper
112 100
114 33.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.796 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion:131 Resp: 86335
Ion Ratio Lower Upper
131 100
133 98.3 47.8 143.3
119 61.8 32.3 96.8

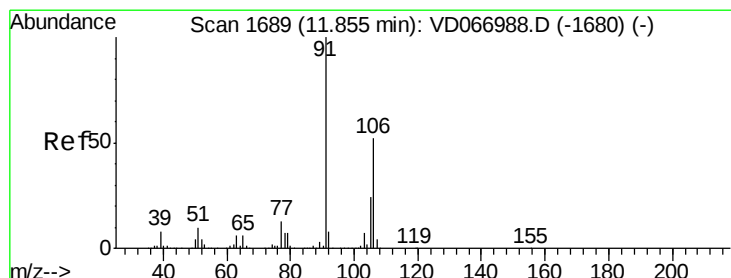
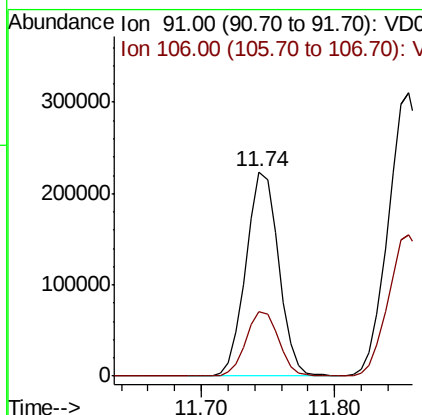
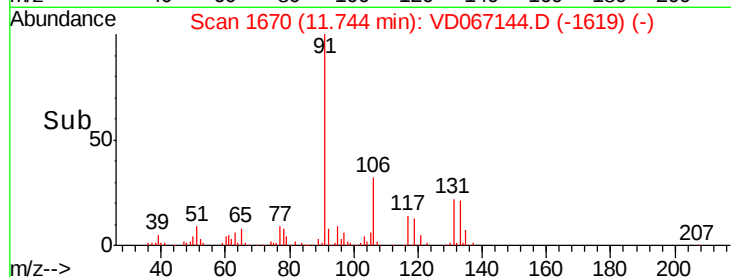
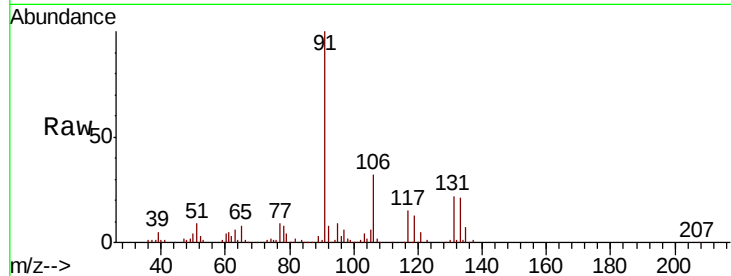




#67
Ethyl Benzene
Concen: 21.161 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

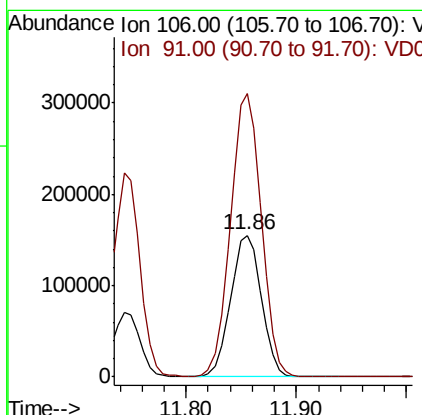
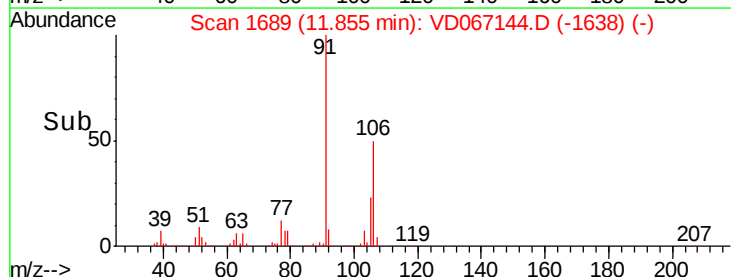
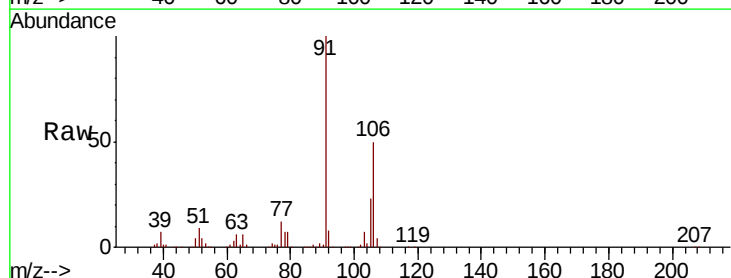
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

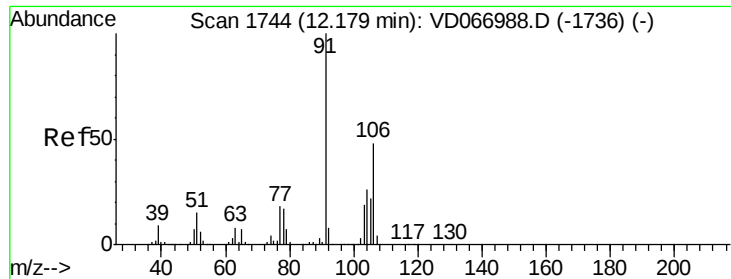
Tot Ion: 91 Resp: 377551
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.2



#68
m/p-Xylenes
Concen: 43.681 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion: 106 Resp: 303731
Ion Ratio Lower Upper
106 100
91 200.1 158.4 237.6

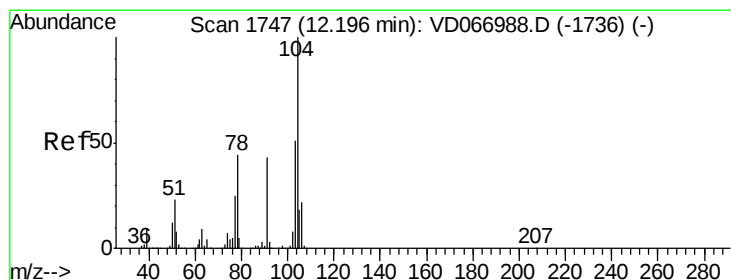
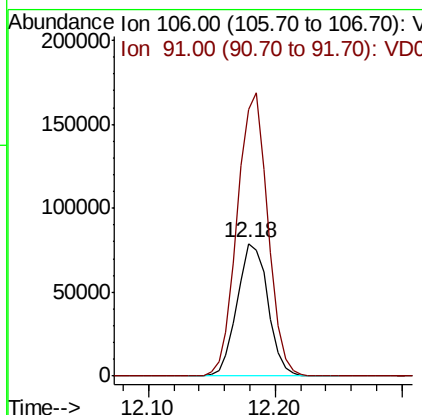
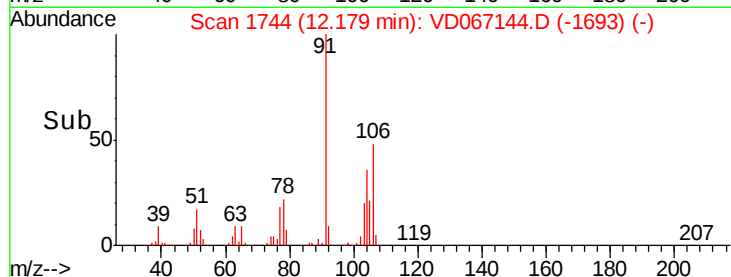
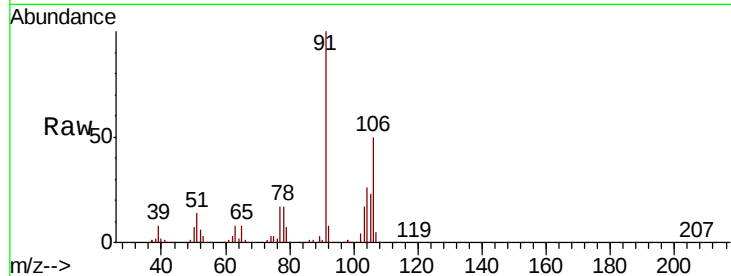




#69
o-Xylene
Concen: 21.362 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

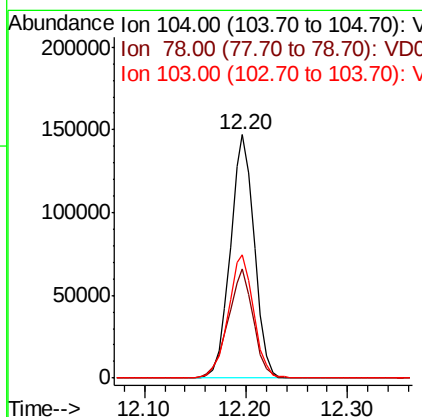
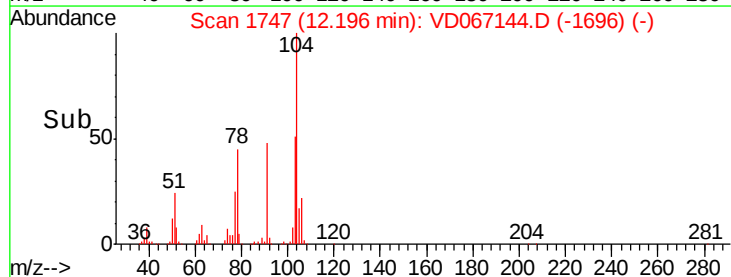
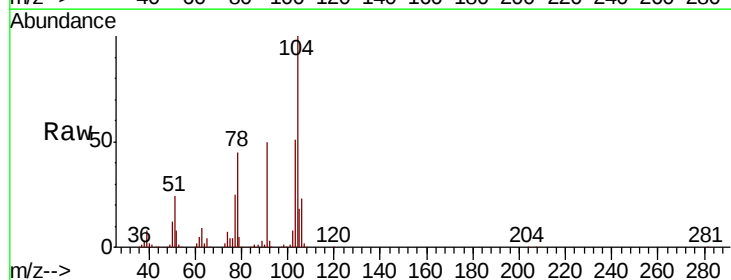
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

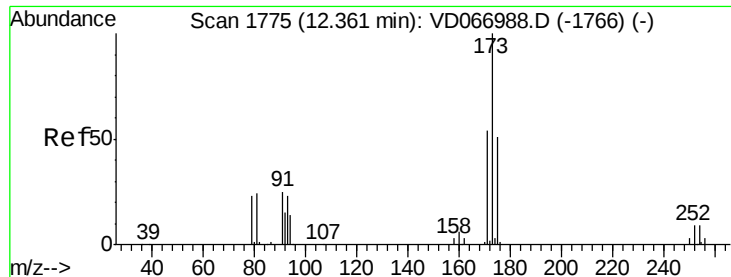
Tot Ion:106 Resp: 132828
Ion Ratio Lower Upper
106 100
91 212.7 102.4 307.2



#70
Styrene
Concen: 22.481 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion:104 Resp: 240035
Ion Ratio Lower Upper
104 100
78 47.2 38.6 58.0
103 53.7 43.4 65.0





#71

Bromoform

Concen: 22.080 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

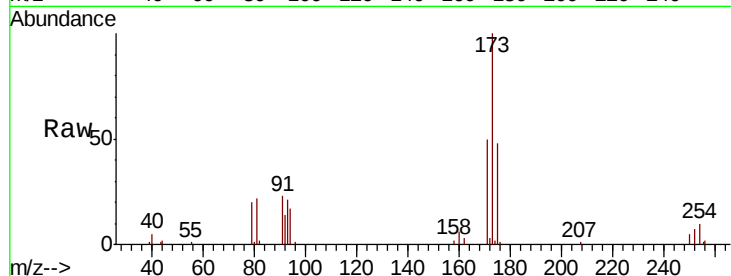
Tot Ion:173 Resp: 45400

Ion Ratio Lower Upper

173 100

175 47.5 24.9 74.7

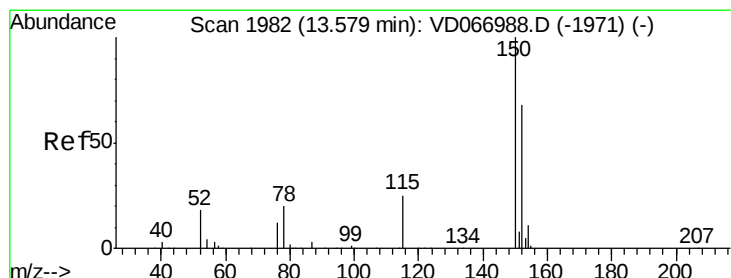
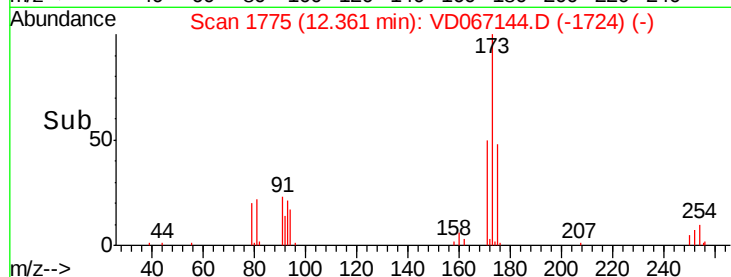
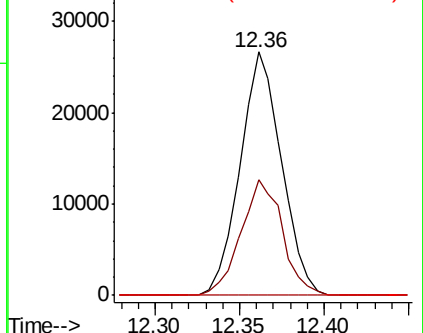
254 0.0 0.2 0.4#



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# 1983

Delta R.T. 0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

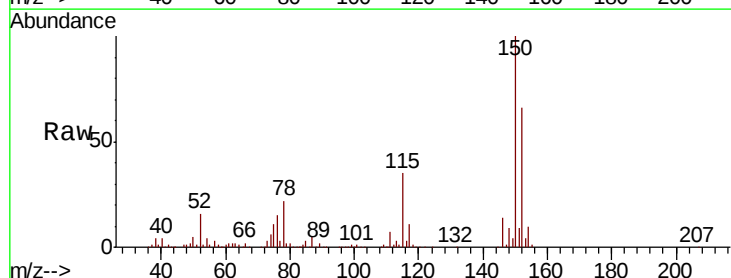
Tgt Ion:152 Resp: 264063

Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.8

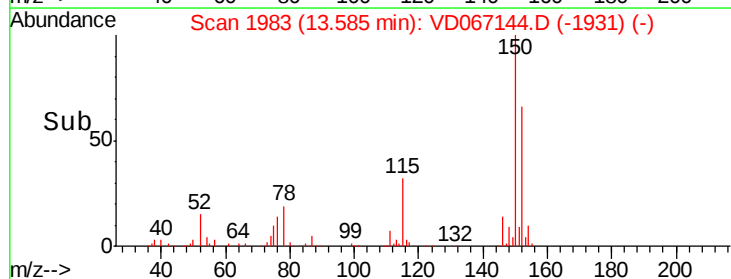
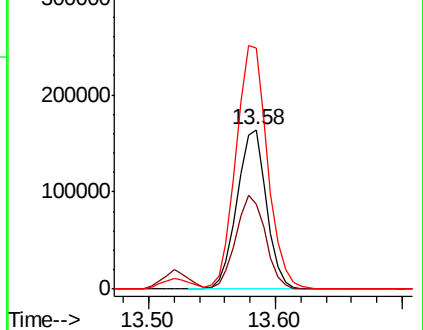
150 163.1 0.0 344.8

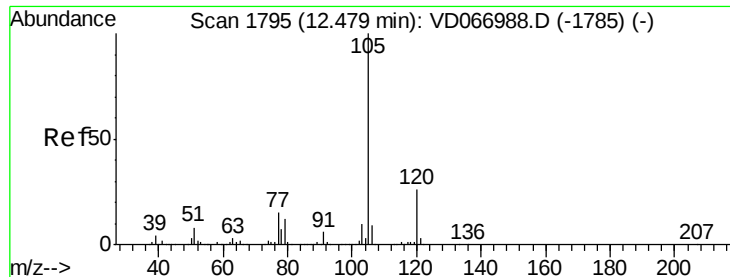


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.931 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

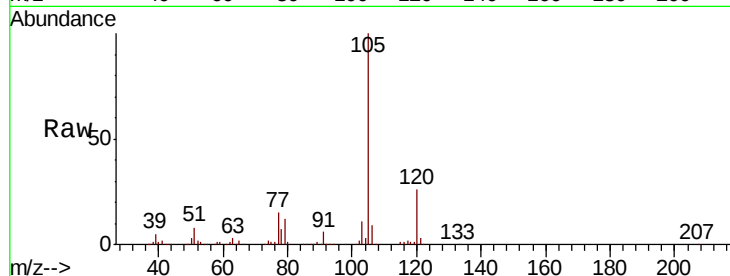
VD1007SBS01

Tot Ion:105 Resp: 375295

Ion Ratio Lower Upper

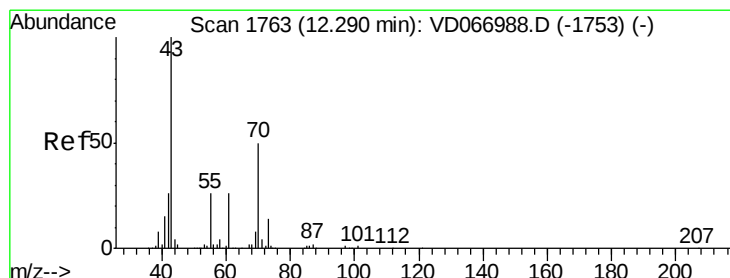
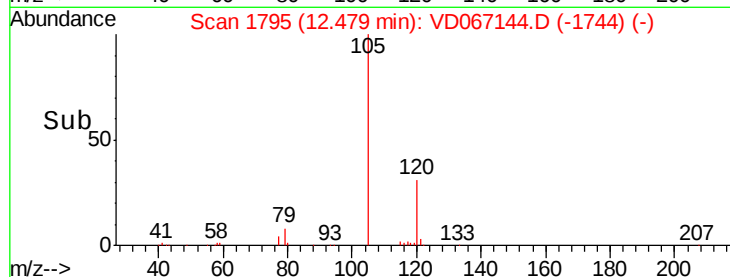
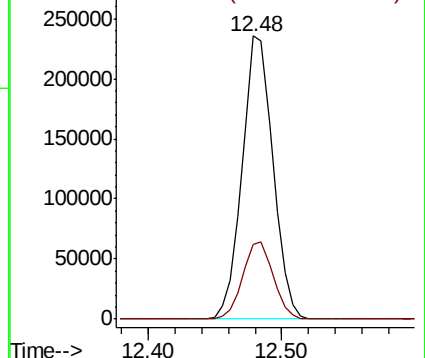
105 100

120 27.1 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: 18.525 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Tgt Ion: 43 Resp: 59710

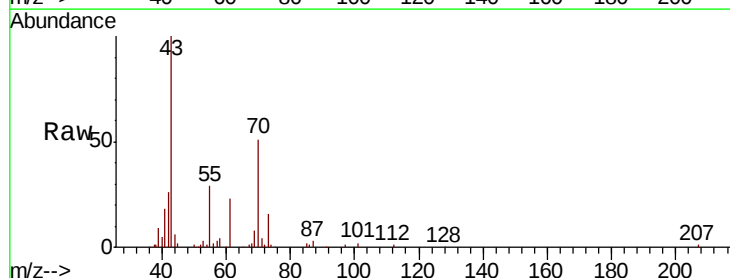
Ion Ratio Lower Upper

43 100

70 49.7 38.2 57.2

55 30.1 22.4 33.6

61 24.5 20.6 31.0

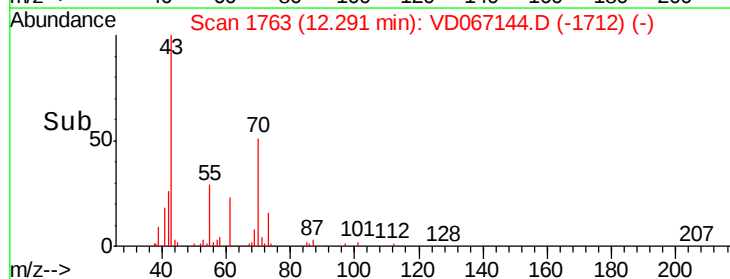
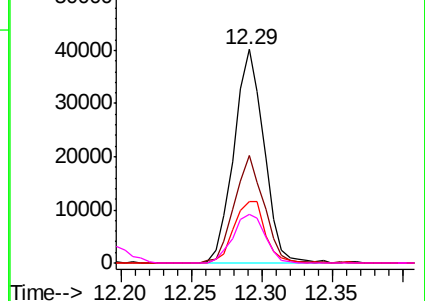


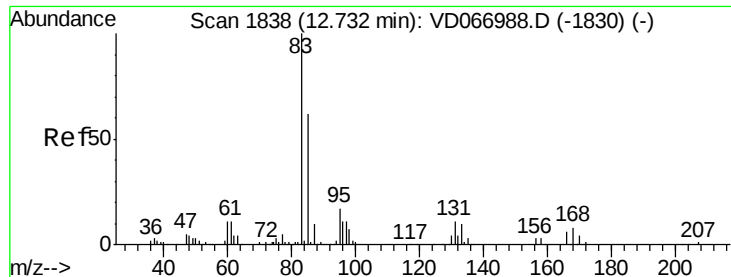
Abundance Ion 43.00 (42.70 to 43.70): V

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: 19.383 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD01

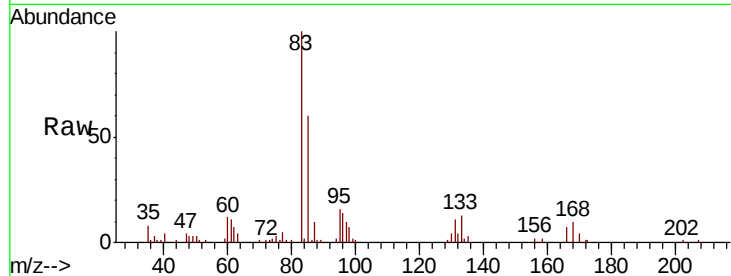
Tot Ion: 83 Resp: 58557

Ion Ratio Lower Upper

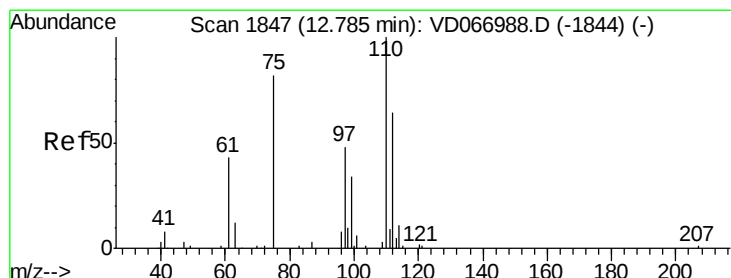
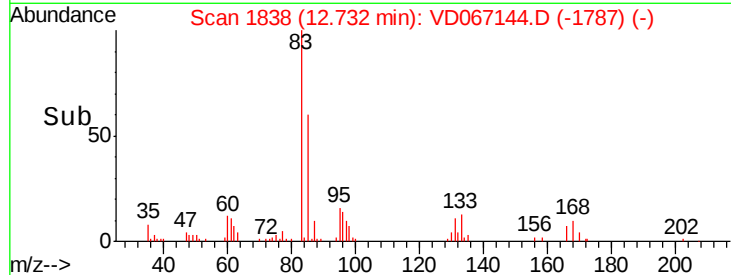
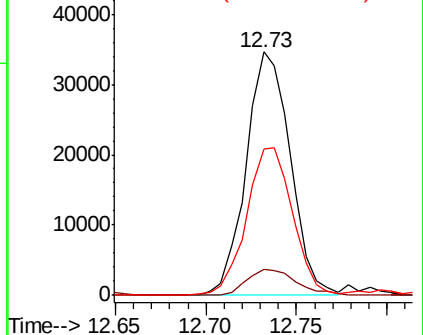
83 100

131 11.8 5.7 17.0

85 63.2 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: 33.305 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD067144.D

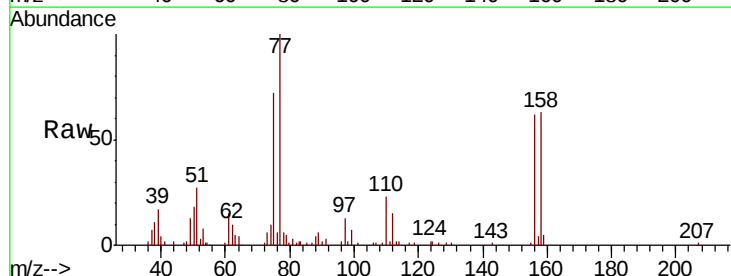
Acq: 07 Oct 2020 11:26

Tgt Ion: 75 Resp: 76604

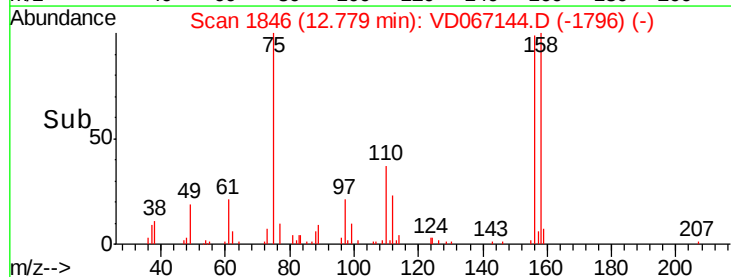
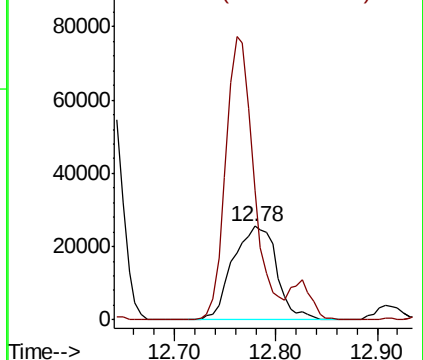
Ion Ratio Lower Upper

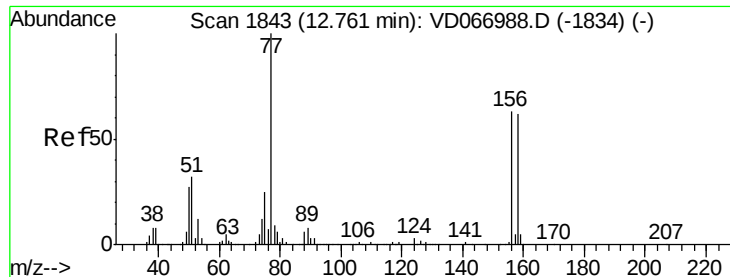
75 100

77 196.3 0.0 0.0#



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





#77

Bromobenzene

Concen: 21.145 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD01

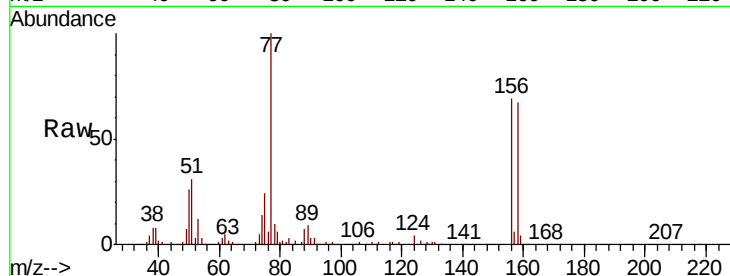
Tot Ion:156 Resp: 91549

Ion Ratio Lower Upper

156 100

77 164.3 86.3 258.8

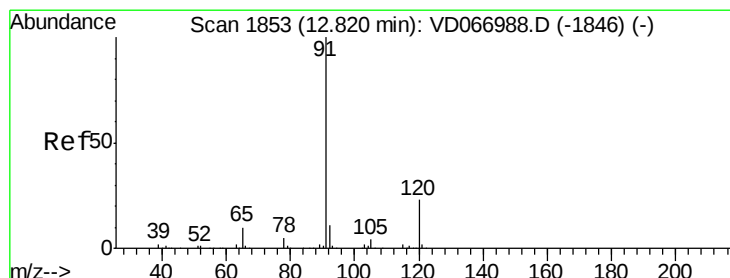
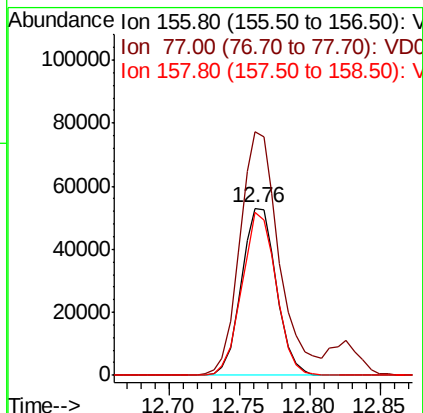
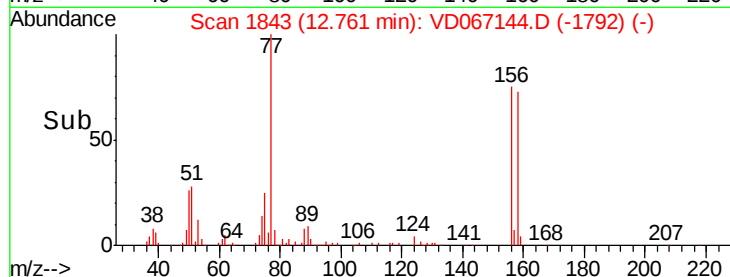
158 95.6 49.5 148.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.772 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD067144.D

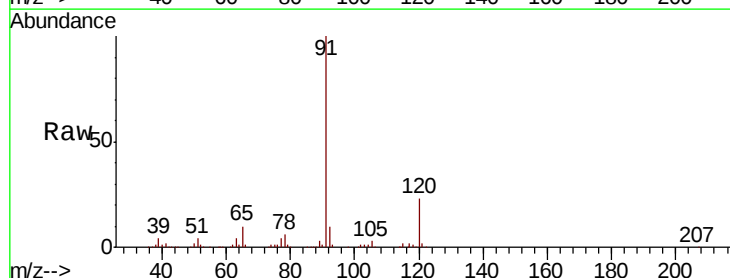
Acq: 07 Oct 2020 11:26

Tgt Ion: 91 Resp: 440167

Ion Ratio Lower Upper

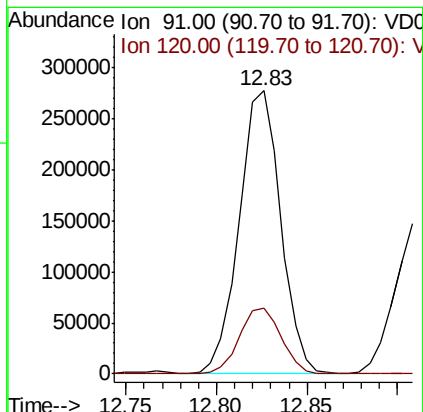
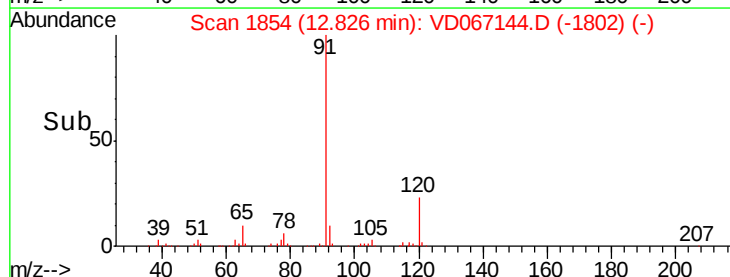
91 100

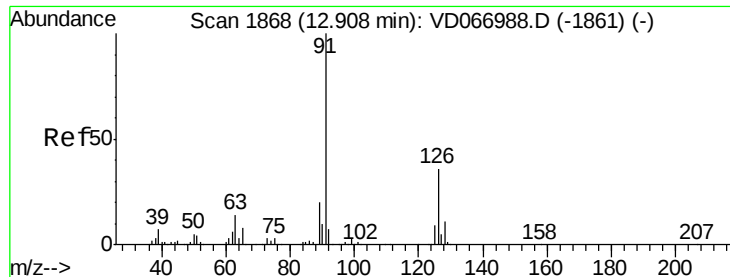
120 23.7 11.6 34.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

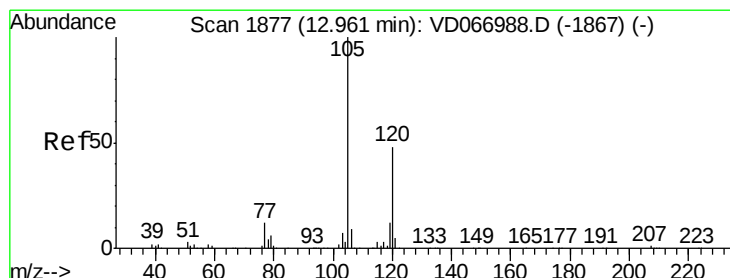
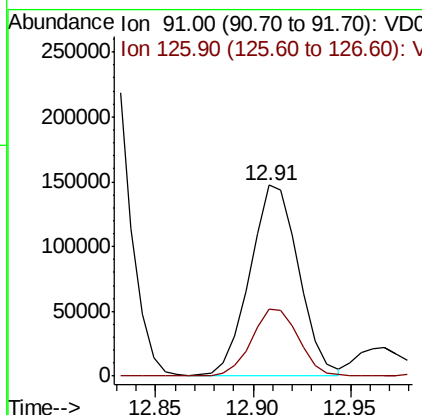
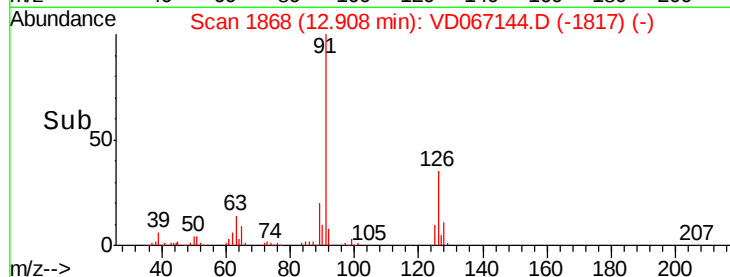
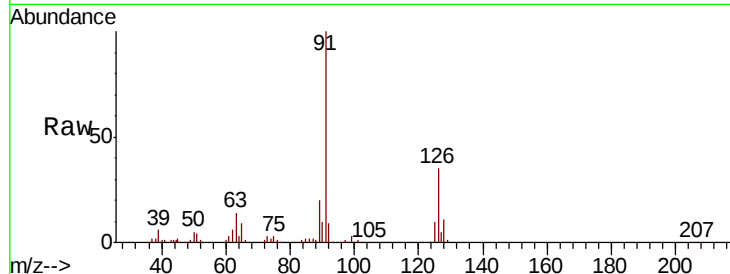




#79
 2-Chlorotoluene
 Concen: 20.996 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

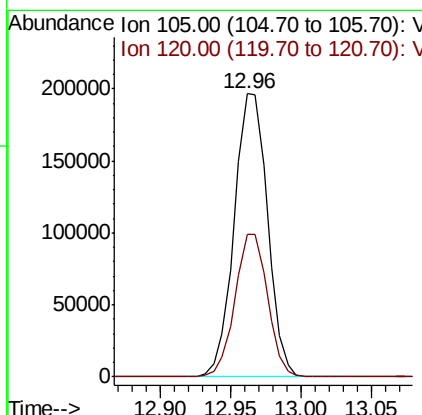
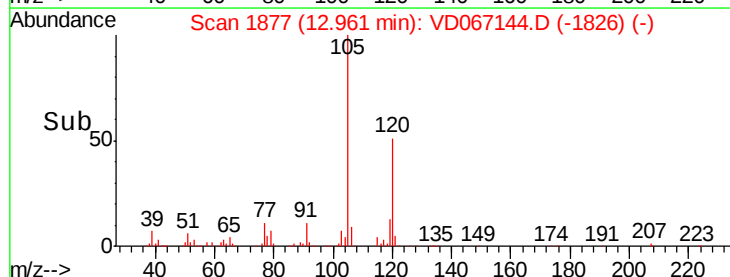
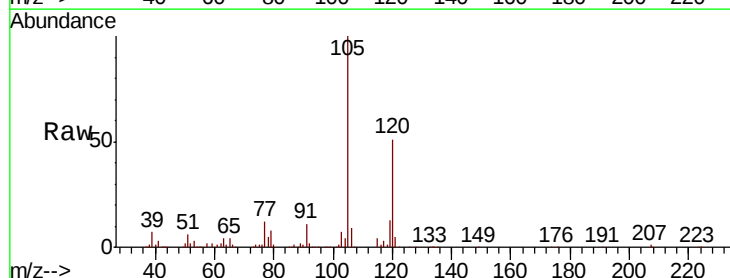
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

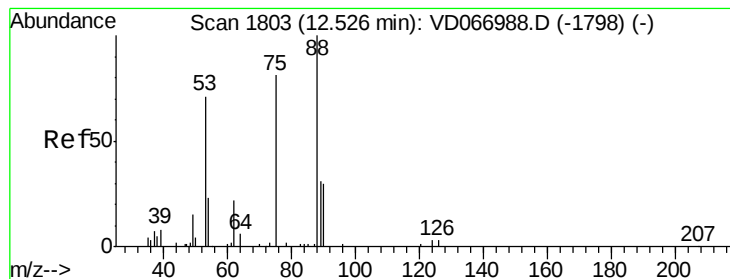
Tot Ion: 91 Resp: 254561
 Ion Ratio Lower Upper
 91 100
 126 33.9 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.391 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion: 105 Resp: 324048
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.802 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBSD01

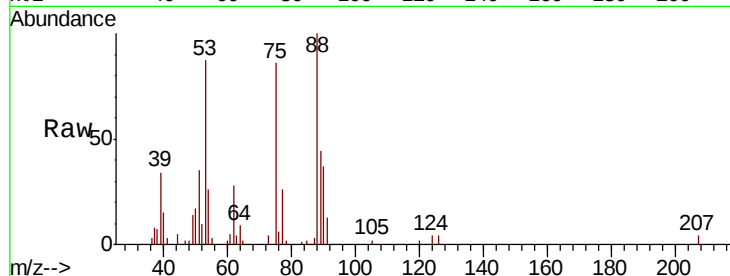
Tot Ion: 75 Resp: 17346

Ion Ratio Lower Upper

75 100

53 100.0 73.8 110.6

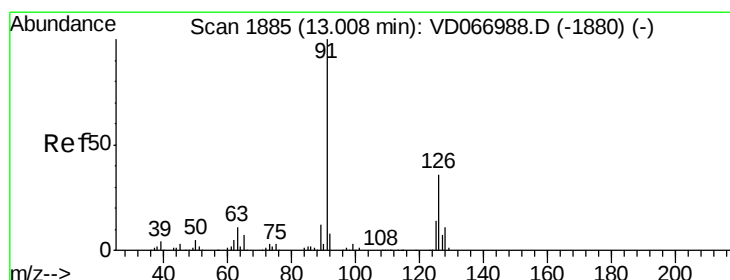
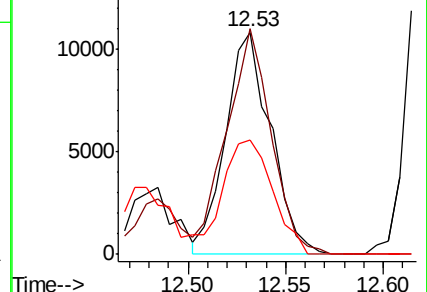
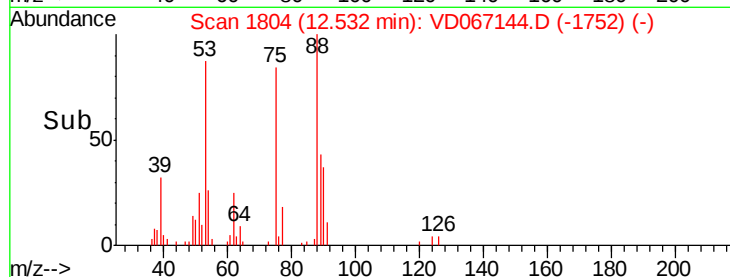
89 55.0 38.9 58.3



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: 21.283 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD067144.D

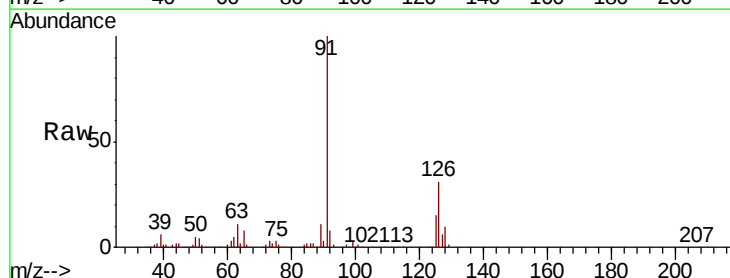
Acq: 07 Oct 2020 11:26

Tgt Ion: 91 Resp: 274533

Ion Ratio Lower Upper

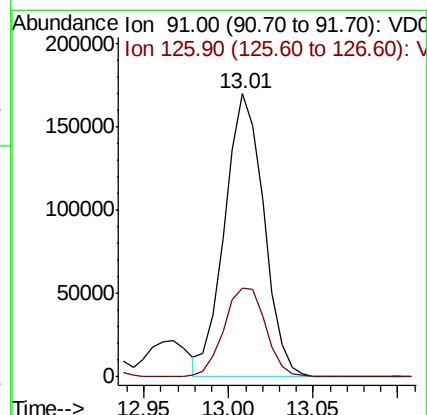
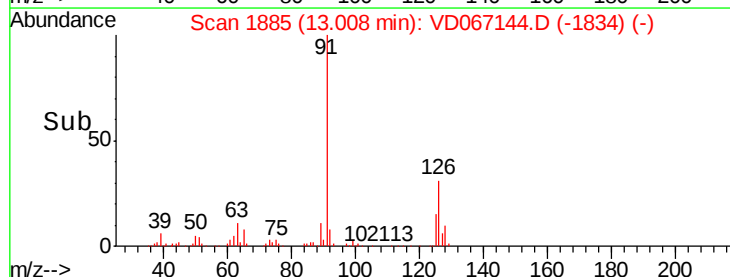
91 100

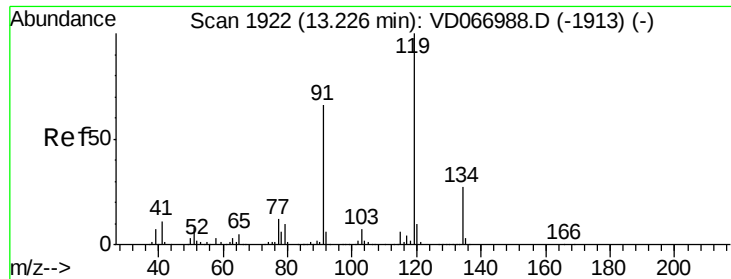
126 33.6 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

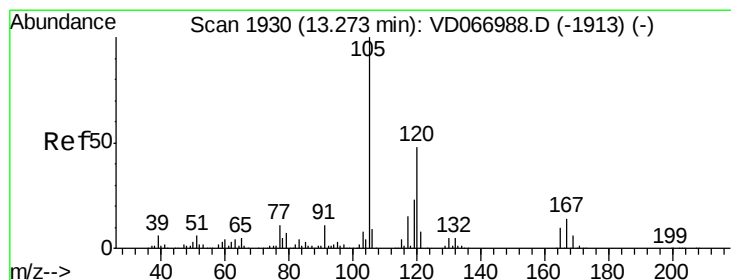
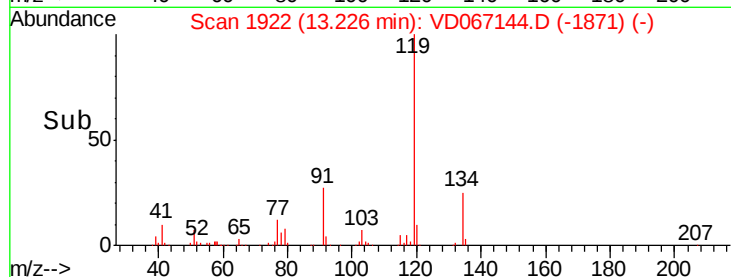
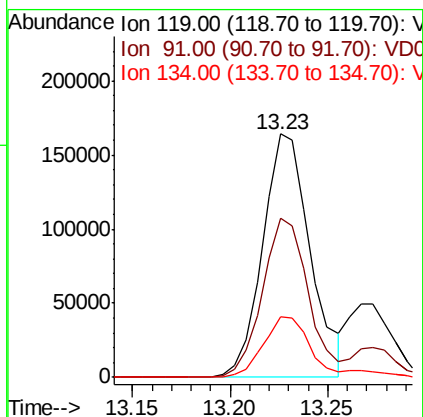
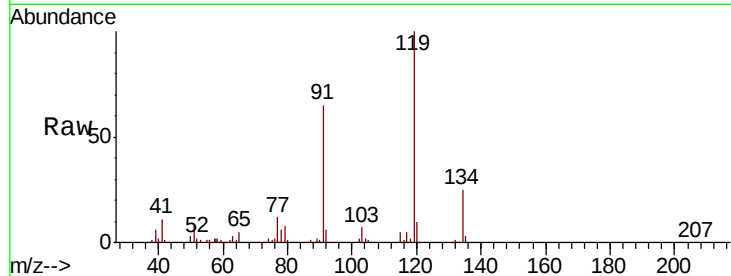




#83
tert-Butylbenzene
Concen: 21.731 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

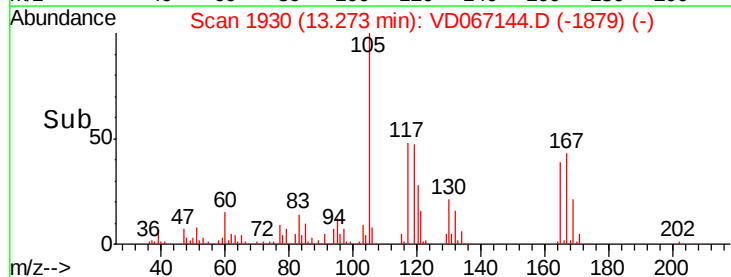
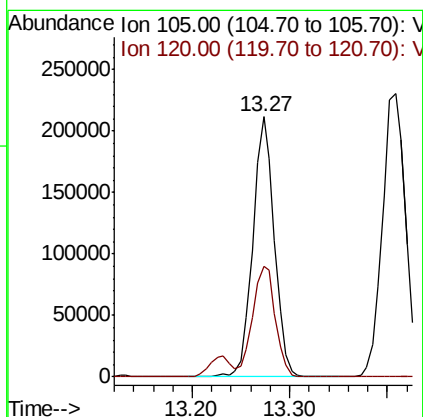
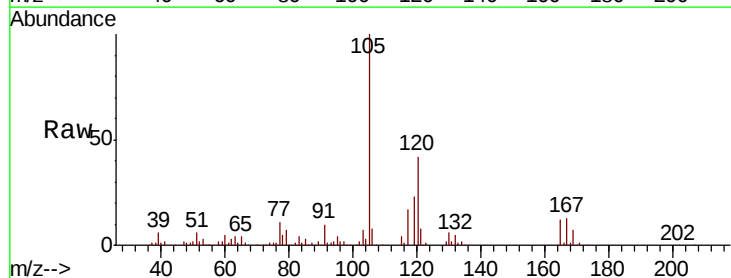
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBS01

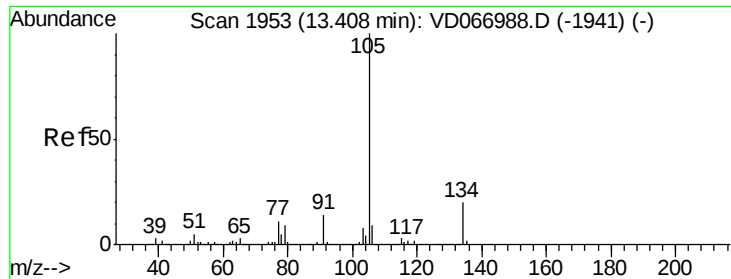
Tot Ion:119 Resp: 277214
Ion Ratio Lower Upper
119 100
91 63.0 32.8 98.3
134 24.5 13.9 41.7



#84
1,2,4-Trimethylbenzene
Concen: 21.656 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion:105 Resp: 327403
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85

sec-Butylbenzene

Concen: 21.195 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

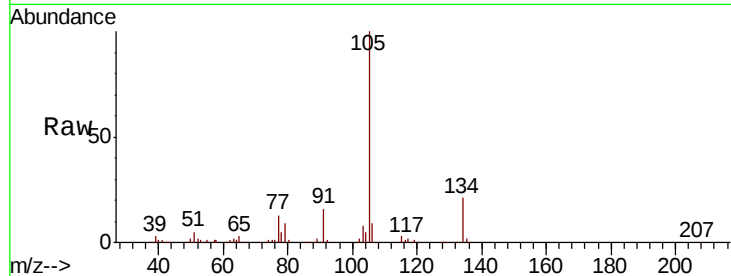
VD1007SBS01

Tot Ion:105 Resp: 380770

Ion Ratio Lower Upper

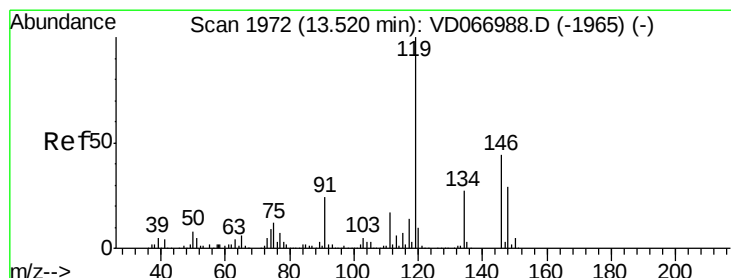
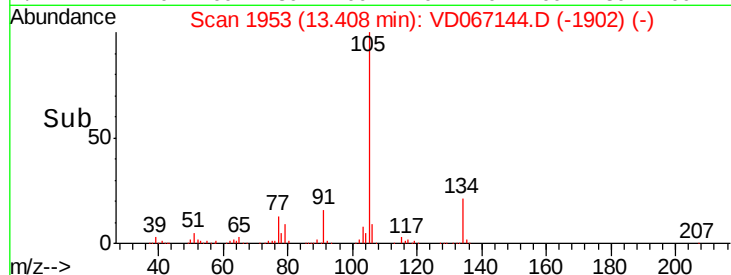
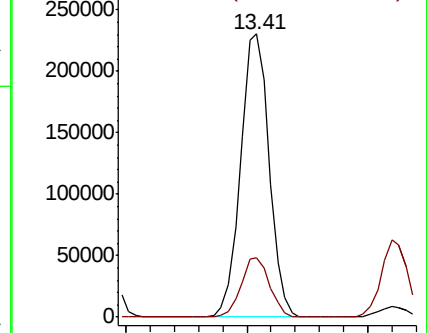
105 100

134 20.8 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.462 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

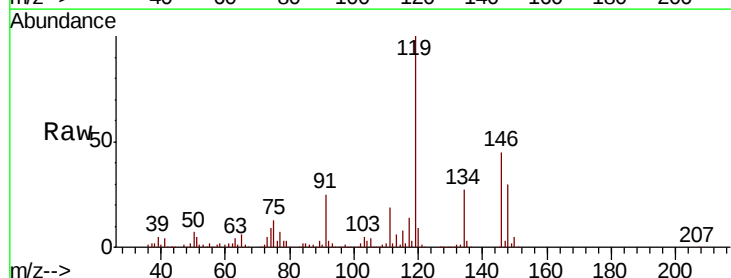
Tgt Ion:119 Resp: 357451

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

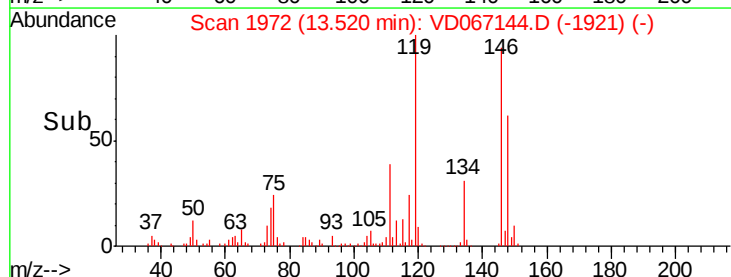
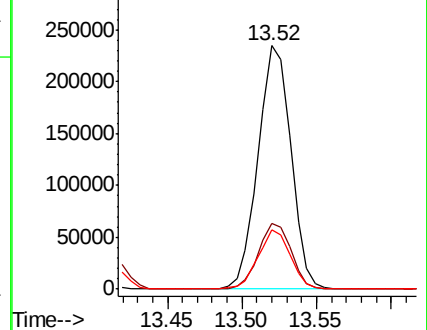
91 24.1 11.7 35.1

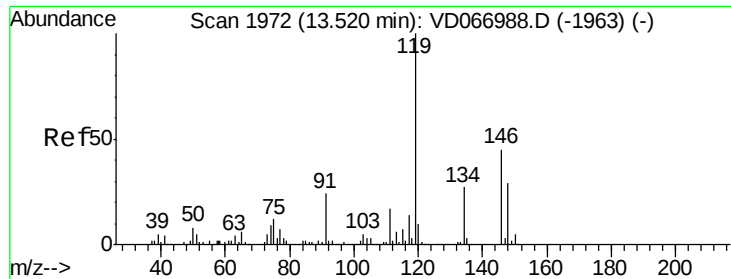


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

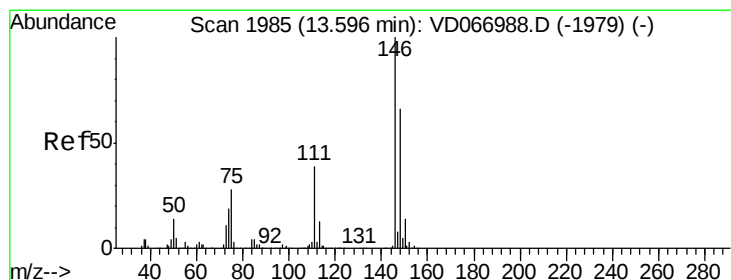
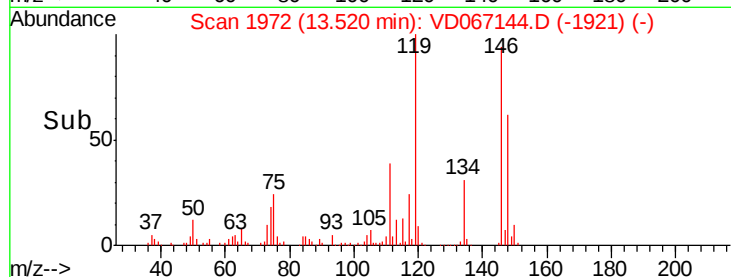
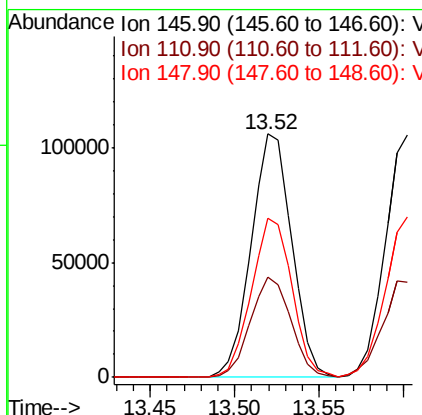
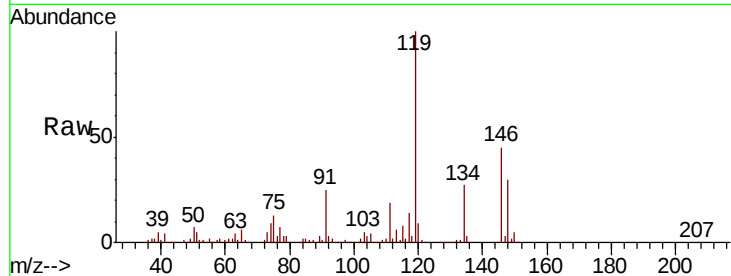




#87
 1,3-Dichlorobenzene
 Concen: 21.085 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

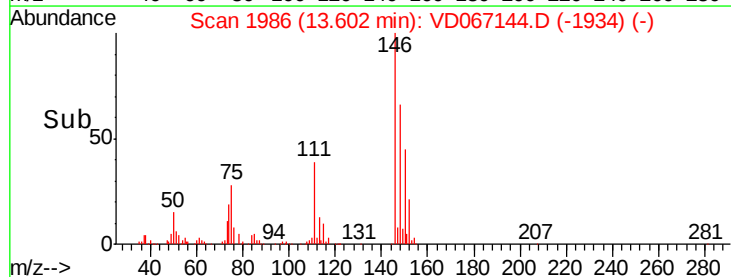
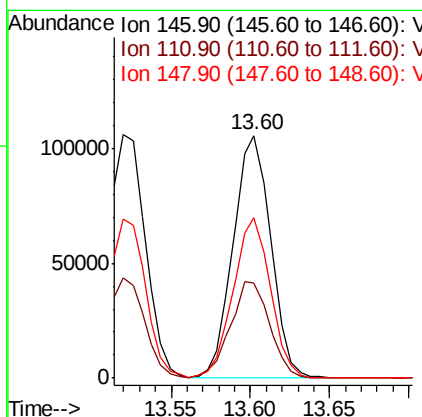
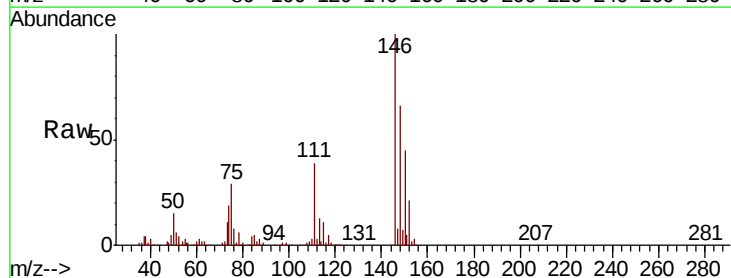
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

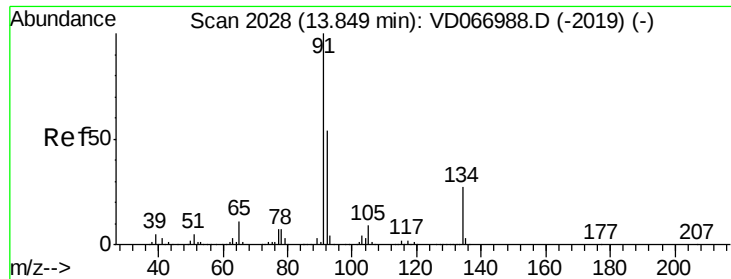
Tot Ion:146 Resp: 177811
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 65.2 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 20.703 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion:146 Resp: 174568
 Ion Ratio Lower Upper
 146 100
 111 41.5 19.6 58.7
 148 65.5 32.6 97.7





#89

n-Butylbenzene

Concen: 20.190 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleID :

VD1007SBS01

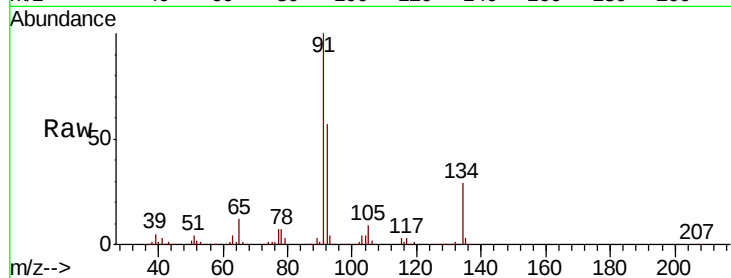
Tot Ion: 91 Resp: 307329

Ion Ratio Lower Upper

91 100

92 53.6 27.1 81.2

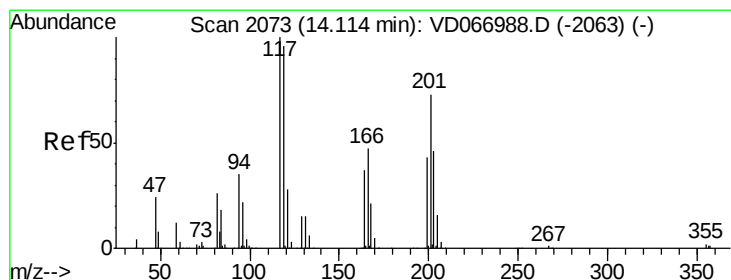
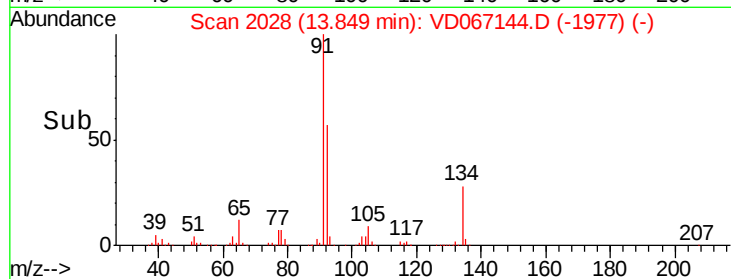
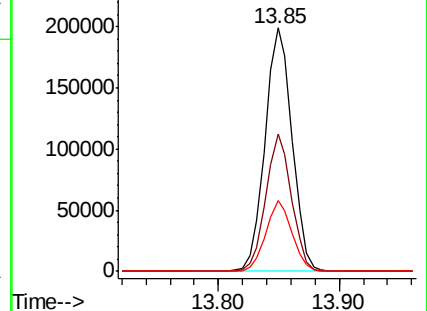
134 28.1 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.00 (133.70 to 134.70): VDC



#90

Hexachloroethane

Concen: 20.120 ug/l

RT: 14.12 min Scan# 2074

Delta R.T. 0.01 min

Lab File: VD067144.D

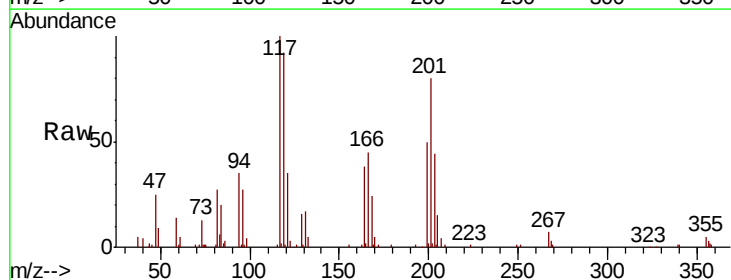
Acq: 07 Oct 2020 11:26

Tgt Ion: 117 Resp: 58700

Ion Ratio Lower Upper

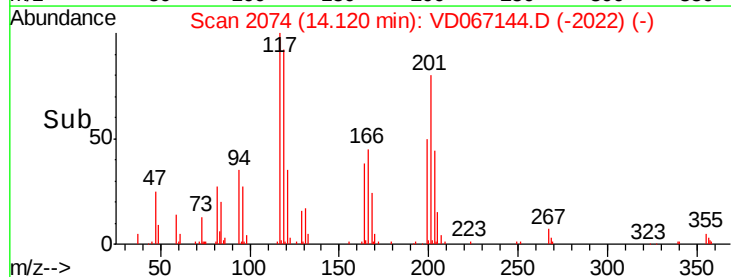
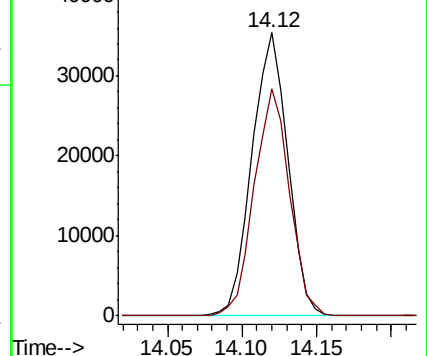
117 100

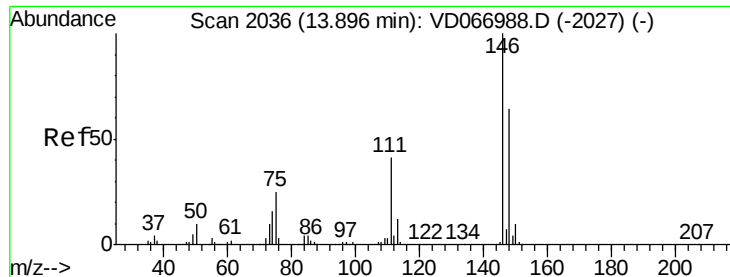
201 78.8 37.0 110.9



Abundance Ion 116.80 (116.50 to 117.50): VDC

Ion 200.70 (200.40 to 201.40): VDC





#91

1,2-Dichlorobenzene

Concen: 20.909 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

Instrument :

MSVOA_D

ClientSampleId :

VD1007SBS01

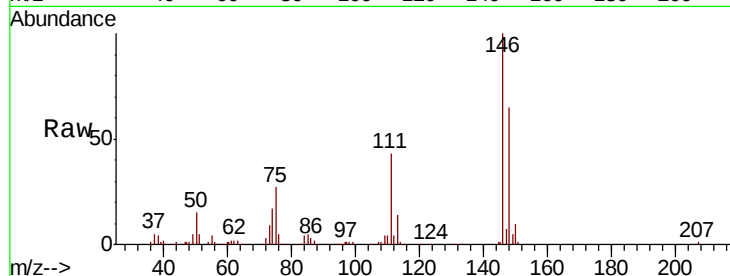
Tot Ion:146 Resp: 153995

Ion Ratio Lower Upper

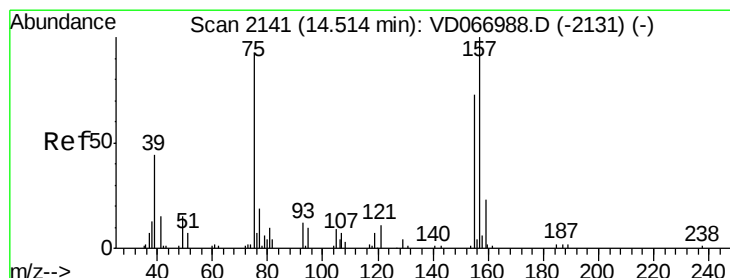
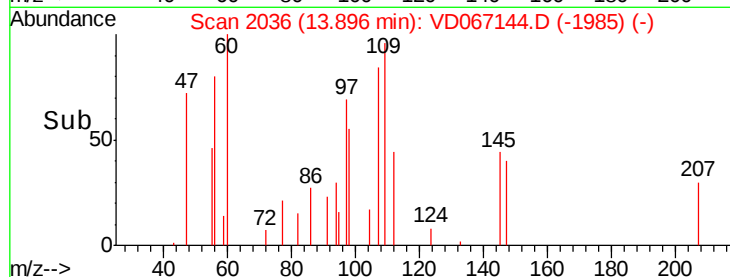
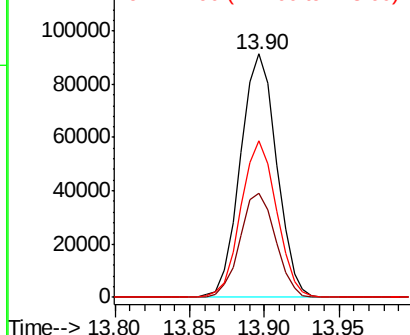
146 100

111 42.2 20.9 62.7

148 63.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.488 ug/l

RT: 14.51 min Scan# 2141

Delta R.T. 0.00 min

Lab File: VD067144.D

Acq: 07 Oct 2020 11:26

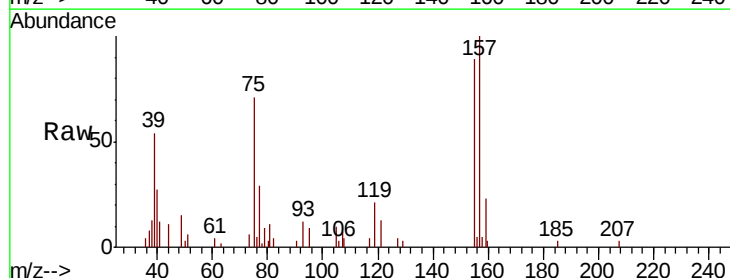
Tgt Ion: 75 Resp: 9490

Ion Ratio Lower Upper

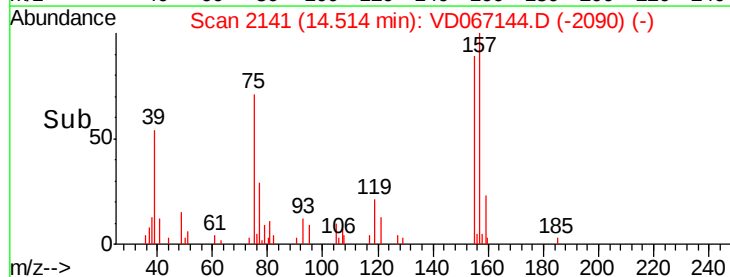
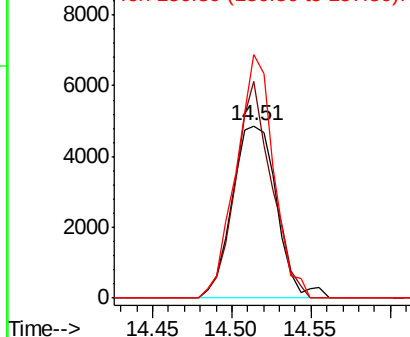
75 100

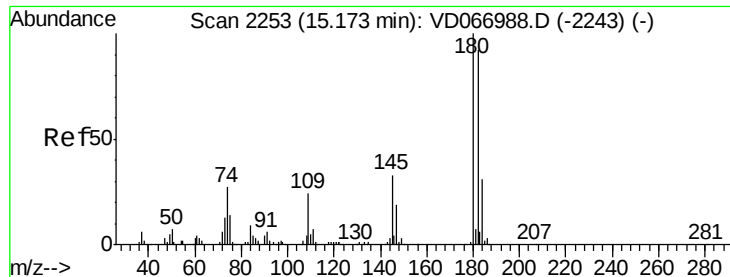
155 102.4 45.2 135.6

157 118.7 56.3 168.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

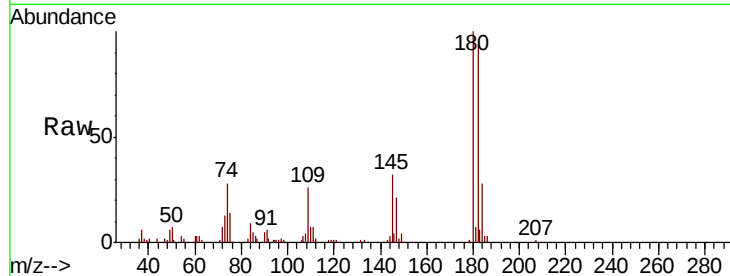




#93
 1,2,4-Trichlorobenzene
 Concen: 21.744 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.3	142.0
145	33.0	16.4	49.1

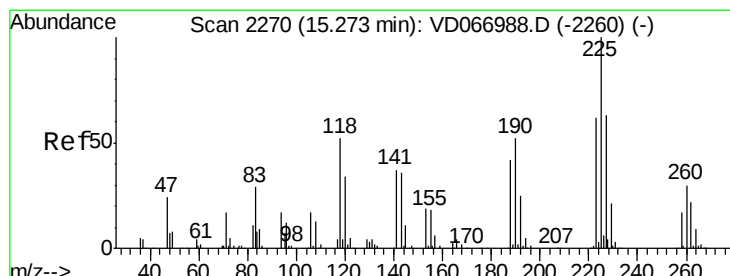
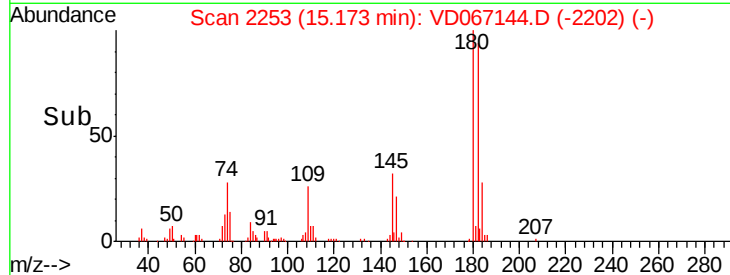
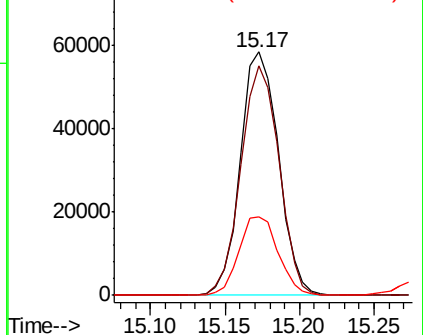


Abundance

Ion 179.80 (179.50 to 180.50): V

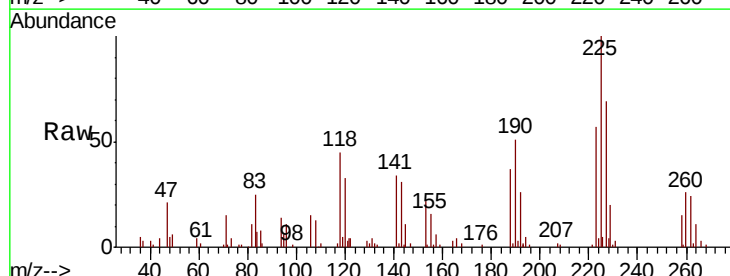
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.836 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD067144.D
 Acq: 07 Oct 2020 11:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	32.4	97.0
227	66.1	31.6	95.0

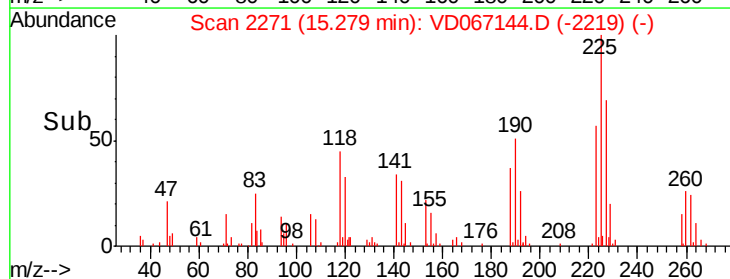
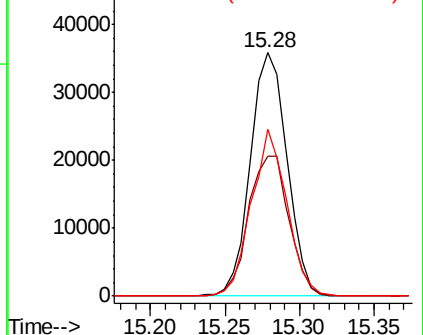


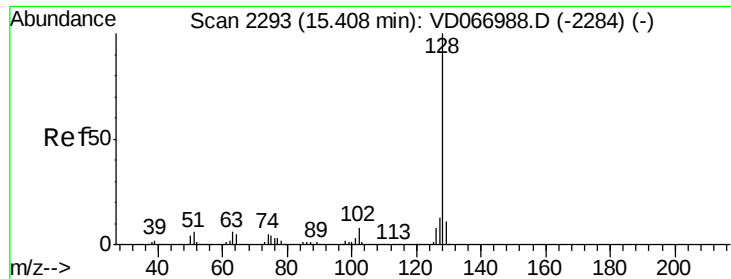
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

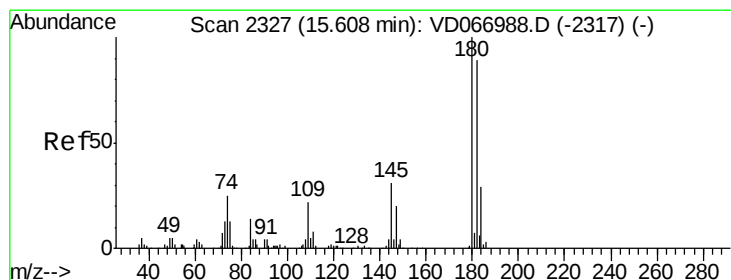
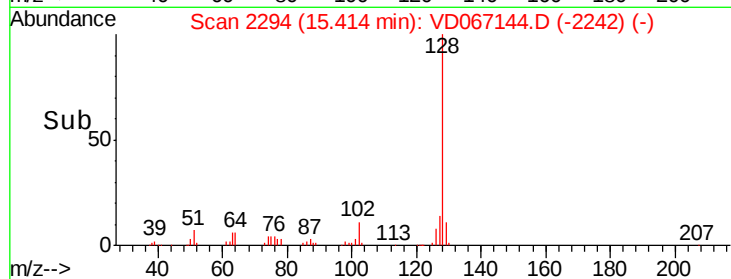
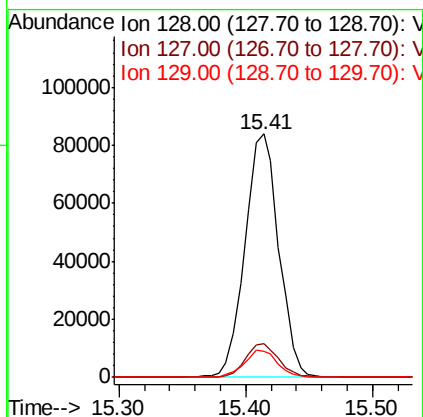
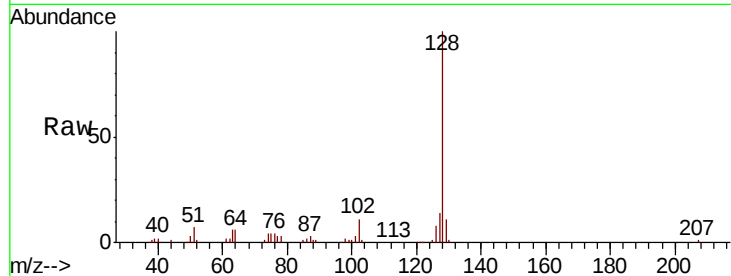




#95
Naphthalene
Concen: 19.556 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBSD01

Tot Ion:128 Resp: 155388
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.989 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.00 min
Lab File: VD067144.D
Acq: 07 Oct 2020 11:26

Tgt Ion:180 Resp: 86801
Ion Ratio Lower Upper
180 100
182 95.5 46.4 139.1
145 34.4 16.6 49.7

