

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066890.D
 Acq On : 26 Sep 2020 00:21
 Operator : VA/SY
 Sample : VD0925SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Quant Time: Sep 26 06:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	381663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	637405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	584532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	278259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	184475	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	7.91	113	190130	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	10.34	98	665085	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.63	95	230100	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	69030	22.770	ug/l	97
3) Chloromethane	2.21	50	74248	21.173	ug/l	96
4) Vinyl Chloride	2.35	62	67327	19.434	ug/l	94
5) Bromomethane	2.76	94	50975	20.934	ug/l	100
6) Chloroethane	2.92	64	41635	19.353	ug/l	99
7) Trichlorofluoromethane	3.27	101	140830	19.794	ug/l	98
8) Diethyl Ether	3.71	74	39418	21.823	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	79862	19.357	ug/l	98
10) Methyl Iodide	4.30	142	72826	20.004	ug/l	97
11) Tert butyl alcohol	5.23	59	33404	123.906	ug/l #	81
12) 1,1-Dichloroethene	4.07	96	78524	21.011	ug/l	98
13) Acrolein	3.93	56	24099	87.451	ug/l	99
14) Allyl chloride	4.71	41	109206	19.899	ug/l	98
15) Acrylonitrile	5.43	53	86379	107.911	ug/l	98
16) Acetone	4.16	43	71505	90.234	ug/l	96
17) Carbon Disulfide	4.41	76	227239	19.888	ug/l	100
18) Methyl Acetate	4.71	43	46207	24.266	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	170755	21.039	ug/l	95
20) Methylene Chloride	4.97	84	120745	25.364	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	89347	20.647	ug/l	97
22) Diisopropyl ether	6.36	45	234896	20.817	ug/l	96
23) Vinyl Acetate	6.31	43	569864	94.697	ug/l	98
24) 1,1-Dichloroethane	6.26	63	154202	20.428	ug/l	98
25) 2-Butanone	7.21	43	101077	106.140	ug/l	95
26) 2,2-Dichloropropane	7.21	77	123832	17.898	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	99336	21.127	ug/l	100
28) Bromochloromethane	7.54	49	61604	19.754	ug/l	96
29) Tetrahydrofuran	7.56	42	65639	107.572	ug/l	98
30) Chloroform	7.71	83	165295	20.314	ug/l	99
31) Cyclohexane	7.98	56	128453	18.912	ug/l #	96
32) 1,1,1-Trichloroethane	7.90	97	145369	19.749	ug/l	99
36) 1,1-Dichloropropene	8.11	75	120002	18.977	ug/l	99
37) Ethyl Acetate	7.29	43	48229	21.097	ug/l #	95
38) Carbon Tetrachloride	8.10	117	131336	18.997	ug/l	96

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
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Quant Time: Sep 26 06:39:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	131095	18.056	ug/l	99
40) Benzene	8.34	78	343949	19.516	ug/l	99
41) Methacrylonitrile	7.56	41	63983	45.513	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	100640	19.317	ug/l	99
43) Isopropyl Acetate	8.45	43	87208	19.787	ug/l	98
44) Trichloroethene	9.11	130	99132	19.734	ug/l	100
45) 1,2-Dichloropropane	9.38	63	87950	19.835	ug/l	97
46) Dibromomethane	9.48	93	49537	20.562	ug/l	97
47) Bromodichloromethane	9.66	83	128252	19.817	ug/l #	94
48) Methyl methacrylate	9.45	41	40699	18.729	ug/l	94
49) 1,4-Dioxane	9.46	88	12663	401.368	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	232757	104.225	ug/l	100
52) Toluene	10.40	92	233793	20.595	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	109921	19.955	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	131887	19.636	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	66628	20.118	ug/l	97
56) Ethyl methacrylate	10.66	69	72716	20.495	ug/l	98
57) 1,3-Dichloropropane	10.94	76	113786	20.806	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	202913	120.785	ug/l	100
59) 2-Hexanone	10.98	43	152916	101.536	ug/l	96
60) Dibromochloromethane	11.14	129	89926	20.804	ug/l	99
61) 1,2-Dibromoethane	11.24	107	64725	21.011	ug/l	96
64) Tetrachloroethene	10.87	164	88666	21.088	ug/l	97
65) Chlorobenzene	11.67	112	242505	19.931	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	94092	20.432	ug/l	99
67) Ethyl Benzene	11.74	91	410149	19.193	ug/l	100
68) m/p-Xylenes	11.85	106	324904	40.157	ug/l	100
69) o-Xylene	12.18	106	143882	19.667	ug/l	100
70) Styrene	12.20	104	257899	20.299	ug/l	99
71) Bromoform	12.36	173	49972	21.432	ug/l #	97
73) Isopropylbenzene	12.48	105	389365	19.370	ug/l	97
74) N-amyl acetate	12.28	43	76708	19.541	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.73	83	70652	20.369	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	93445	40.523	ug/l #	100
77) Bromobenzene	12.76	156	96882	20.608	ug/l	97
78) n-propylbenzene	12.82	91	476496	19.704	ug/l	99
79) 2-Chlorotoluene	12.91	91	268954	19.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	337253	19.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20570	22.318	ug/l	95
82) 4-Chlorotoluene	13.01	91	292398	20.128	ug/l	98
83) tert-Butylbenzene	13.23	119	276067	19.697	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	340837	20.152	ug/l	99
85) sec-Butylbenzene	13.40	105	397603	19.728	ug/l	99
86) p-Isopropyltoluene	13.52	119	358555	19.737	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	183238	19.728	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	181352	19.659	ug/l	97
89) n-Butylbenzene	13.84	91	311471	18.038	ug/l	100
90) Hexachloroethane	14.11	117	69494	18.842	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	159438	20.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11688	20.947	ug/l	97

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Instrument :
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ClientSampleId :
VD0925SBSD02

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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

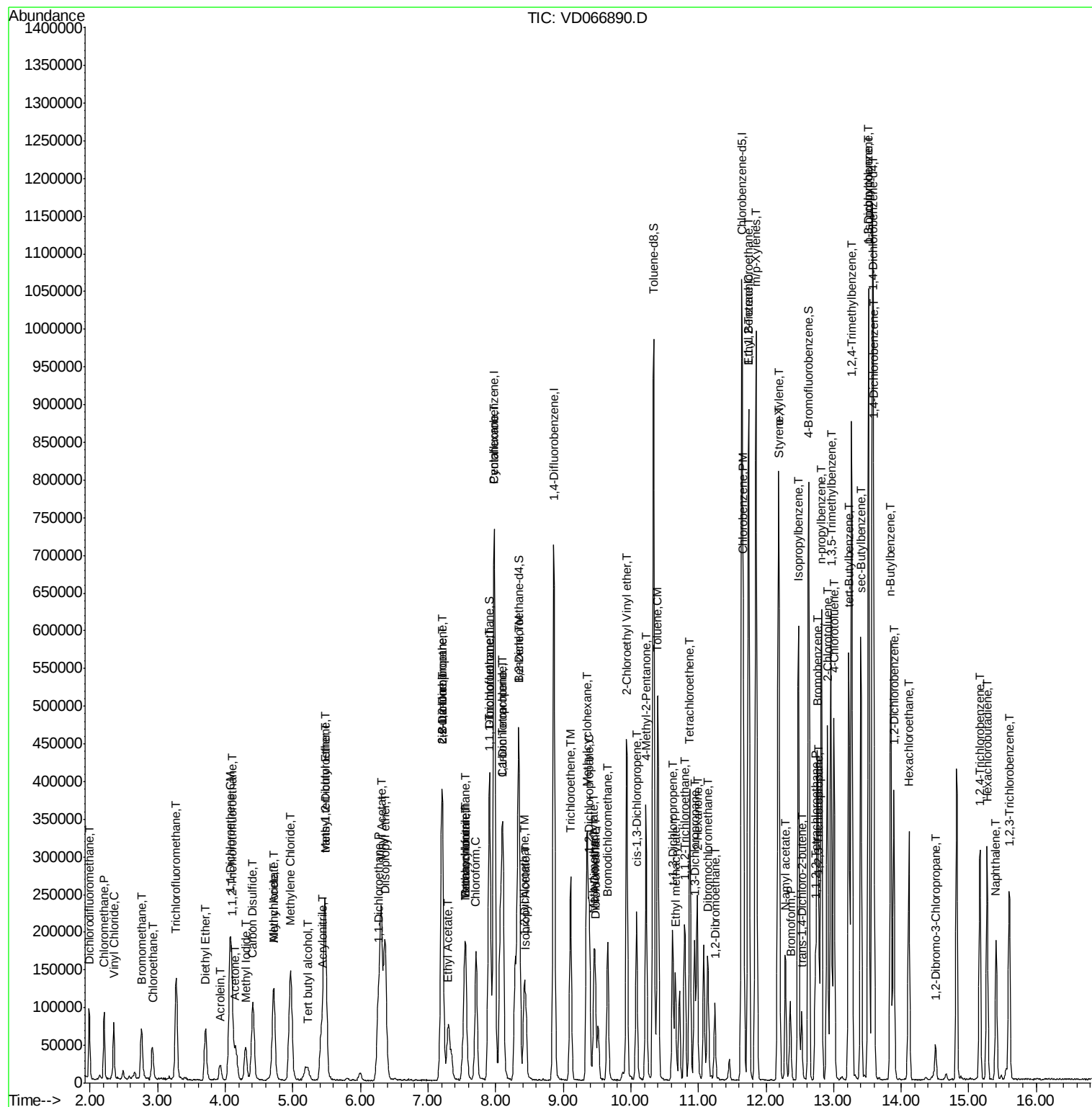
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	96284	19.248	ug/l	96
94) Hexachlorobutadiene	15.27	225	55410	18.485	ug/l	95
95) Naphthalene	15.40	128	169391	19.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	86050	19.930	ug/l	99

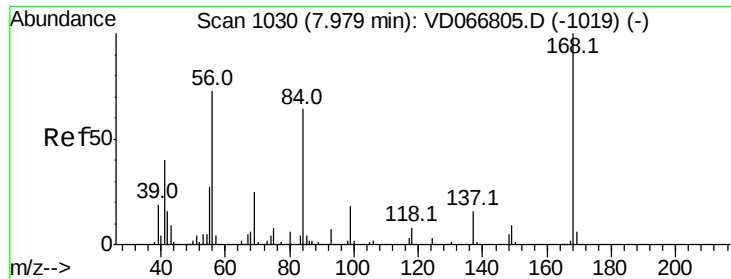
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
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Misc : 5.00G/5.00ml/MSVOA D/SOIL
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Instrument :
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Quant Time: Sep 26 06:39:02 2020
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Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

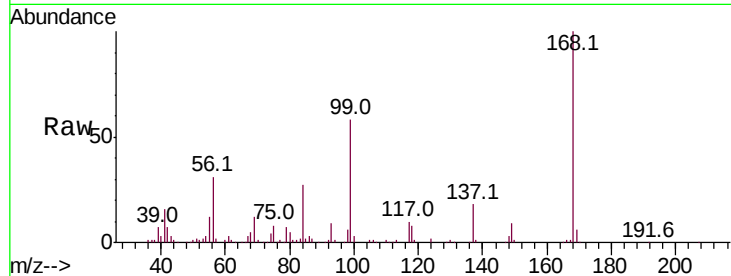
VD0925SBSD02

Tot Ion:168 Resp: 381663

Ion Ratio Lower Upper

168 100

99 58.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

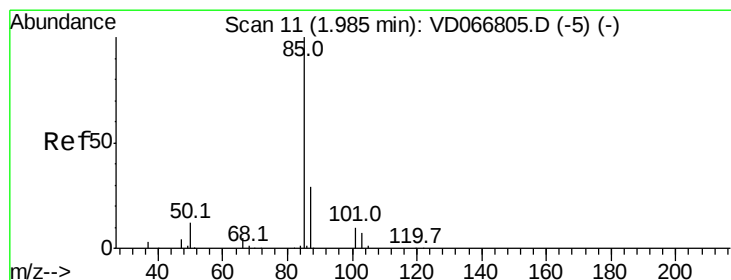
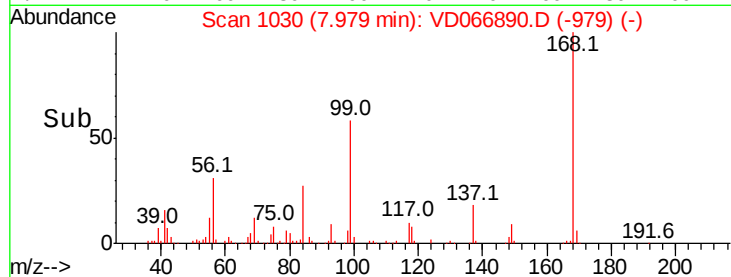
100000

50000

0

7.90 7.98 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.770 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066890.D

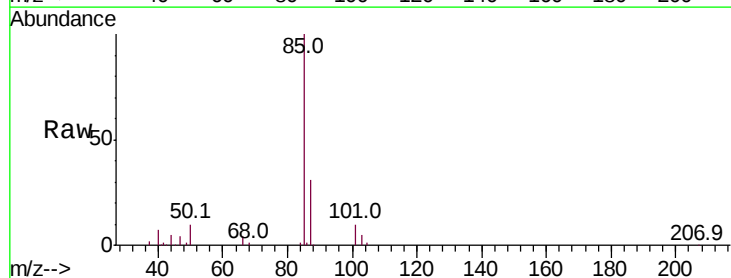
Acq: 26 Sep 2020 00:21

Tgt Ion: 85 Resp: 69030

Ion Ratio Lower Upper

85 100

87 30.8 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

60000

50000

40000

30000

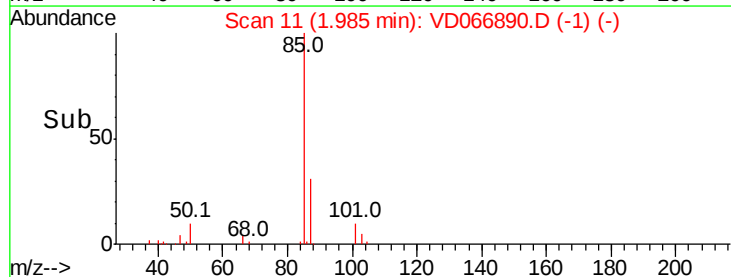
20000

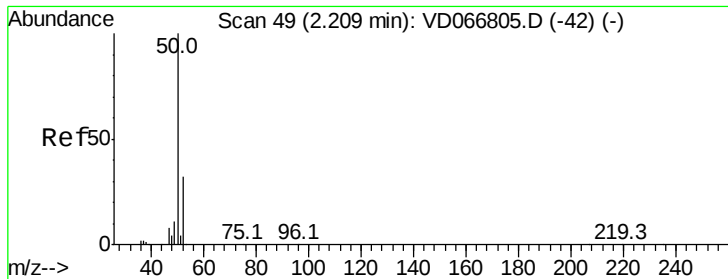
10000

0

1.95 1.99 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.173 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

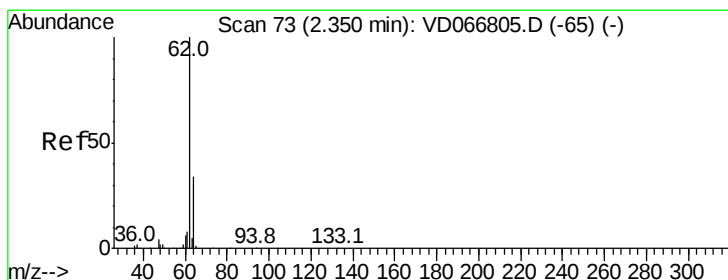
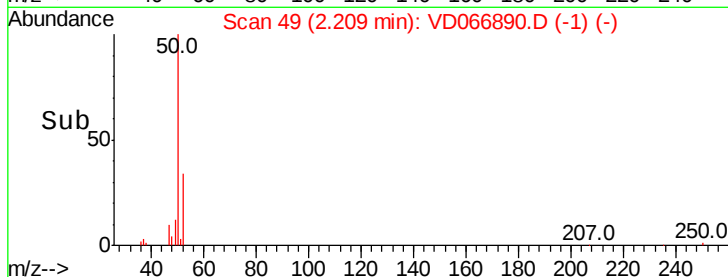
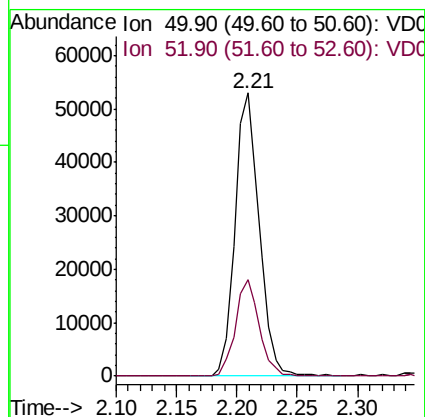
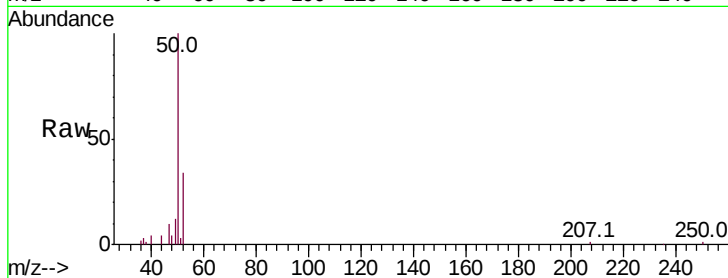
VD0925SBS02

Tot Ion: 50 Resp: 74248

Ion Ratio Lower Upper

50 100

52 34.0 25.5 38.3



#4

Vinyl Chloride

Concen: 19.434 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066890.D

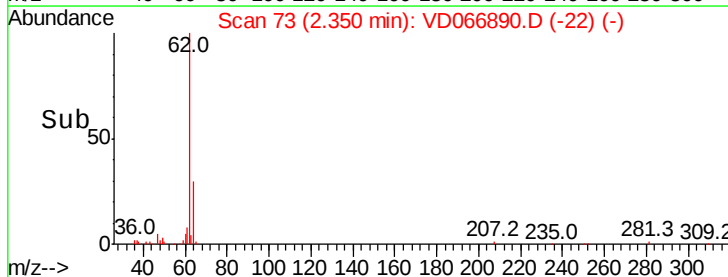
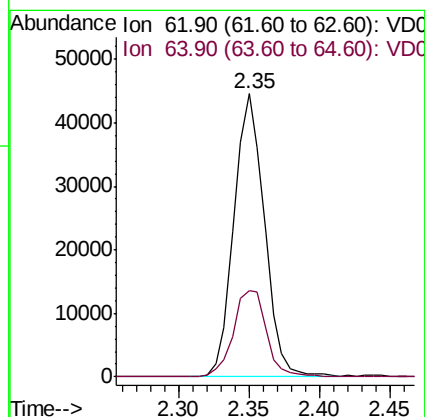
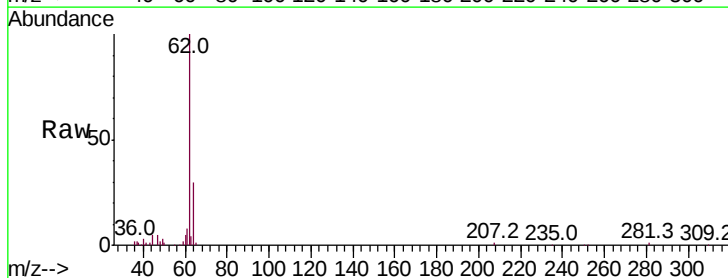
Acq: 26 Sep 2020 00:21

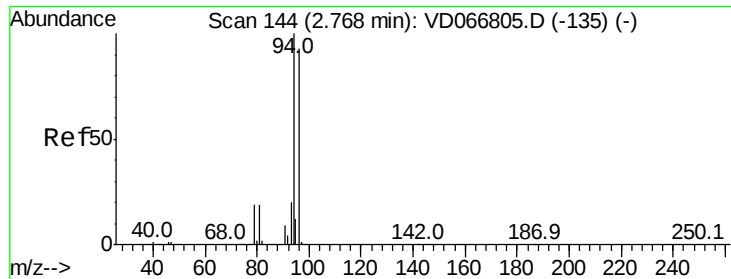
Tgt Ion: 62 Resp: 67327

Ion Ratio Lower Upper

62 100

64 30.3 27.0 40.4





#5

Bromomethane

Concen: 20.934 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

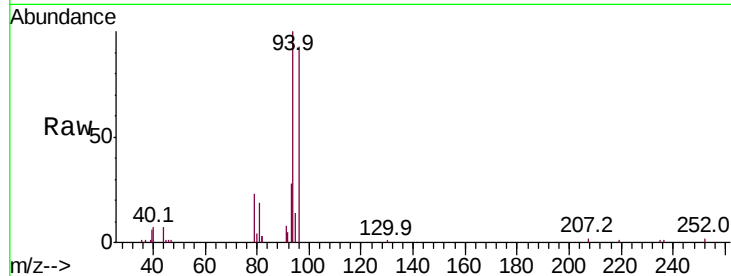
VD0925SBSD02

Tot Ion: 94 Resp: 50975

Ion Ratio Lower Upper

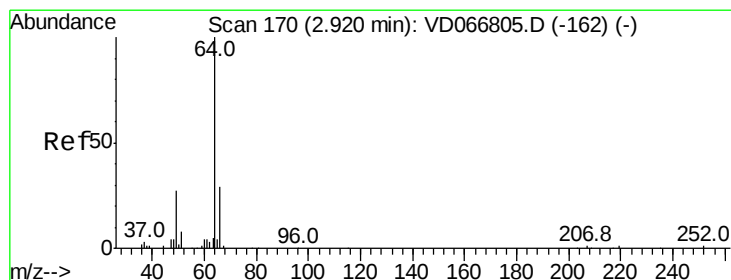
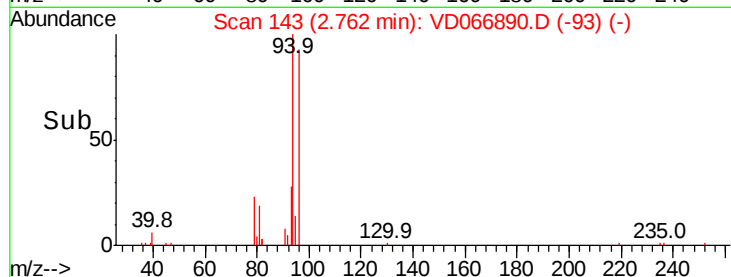
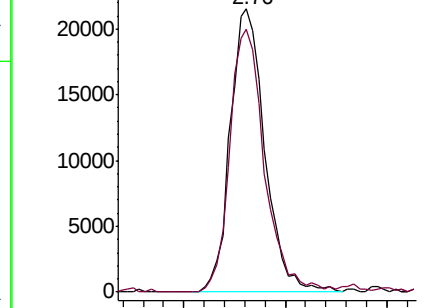
94 100

96 92.8 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.353 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066890.D

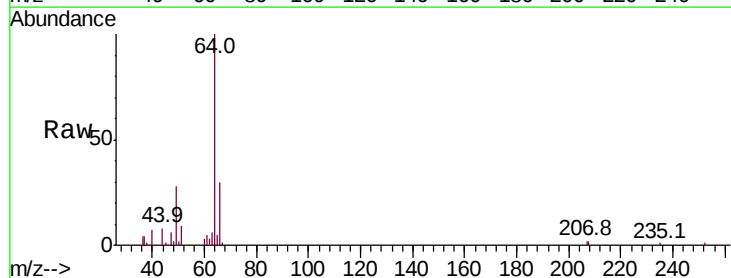
Acq: 26 Sep 2020 00:21

Tgt Ion: 64 Resp: 41635

Ion Ratio Lower Upper

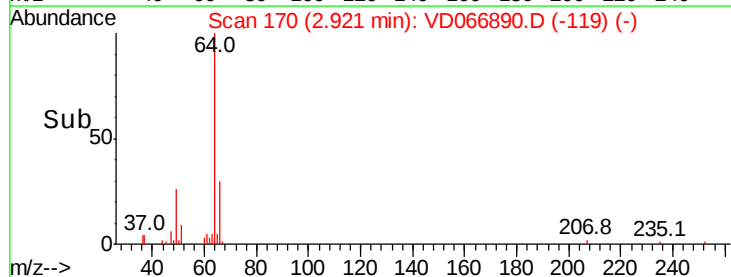
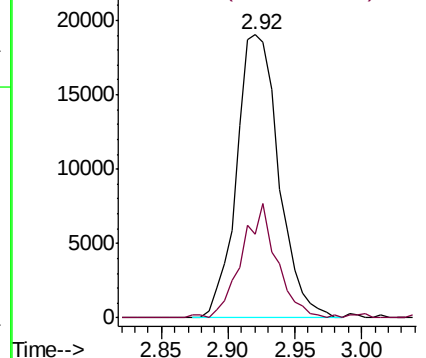
64 100

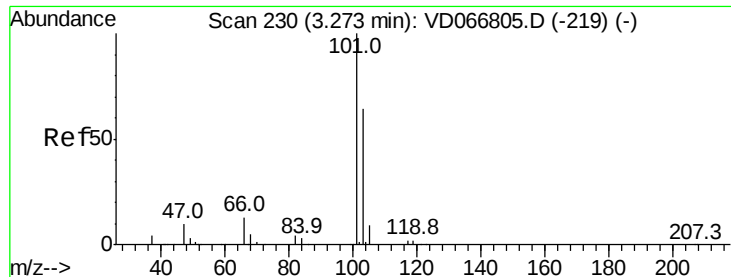
66 29.7 23.3 34.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



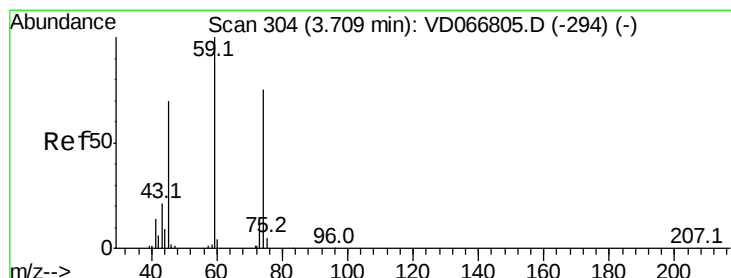
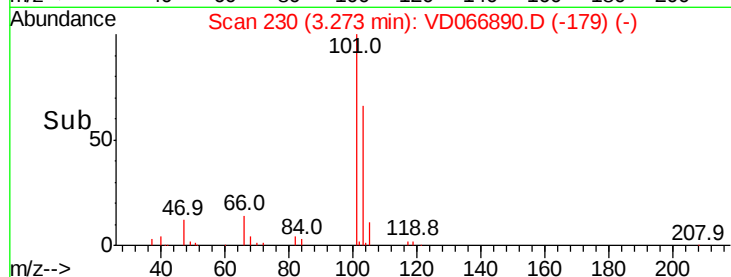
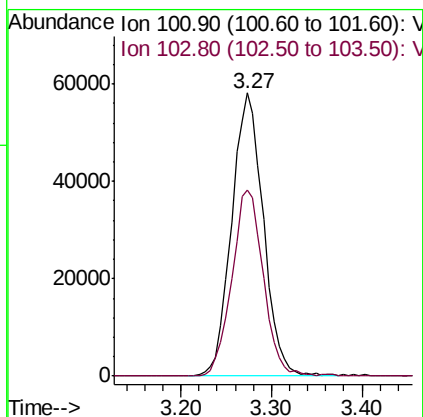
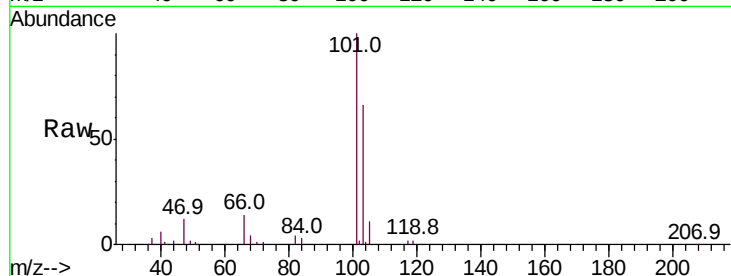


#7

Trichlorofluoromethane
 Concen: 19.794 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Instrument :
 MSVOA_D
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 VD0925SBSD02

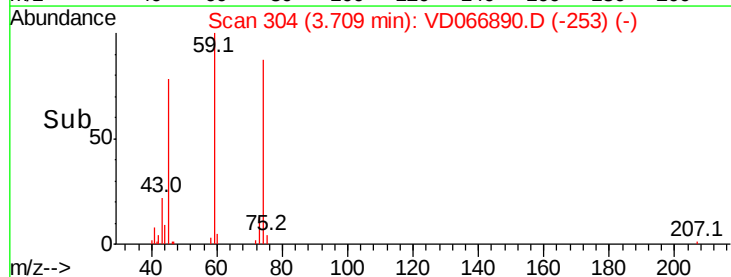
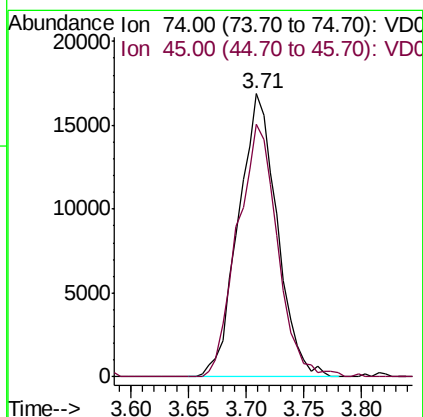
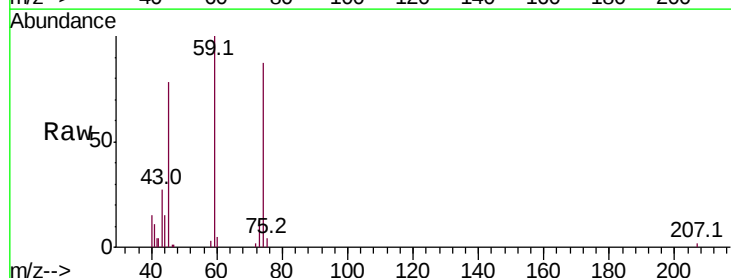
Tot Ion:101 Resp: 140830
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.0 76.6

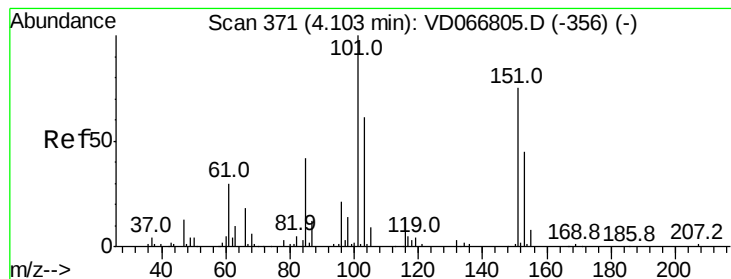


#8

Diethyl Ether
 Concen: 21.823 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion: 74 Resp: 39418
 Ion Ratio Lower Upper
 74 100
 45 92.2 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.357 ug/l

RT: 4.10 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD02

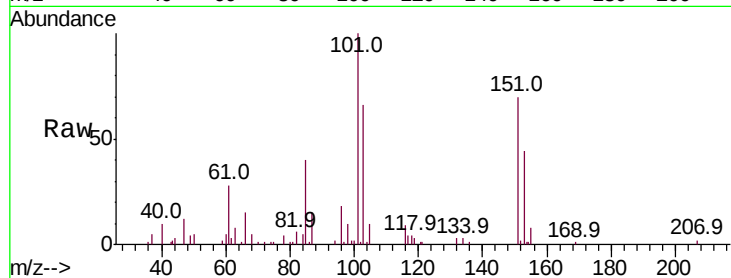
Tot Ion:101 Resp: 79862

Ion Ratio Lower Upper

101 100

85 45.6 35.4 53.2

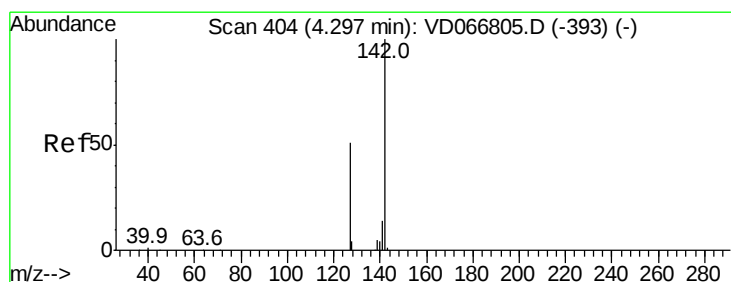
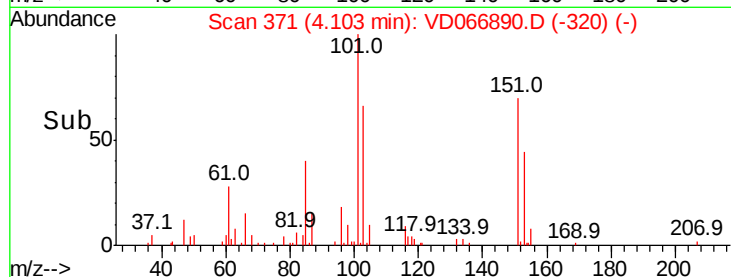
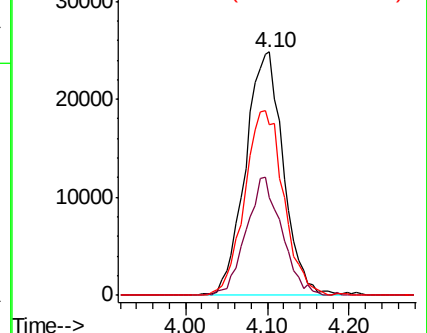
151 78.0 61.4 92.0



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: 20.004 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

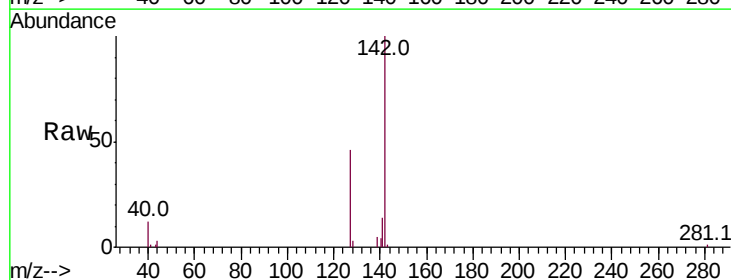
Tgt Ion:142 Resp: 72826

Ion Ratio Lower Upper

142 100

127 47.3 39.4 59.0

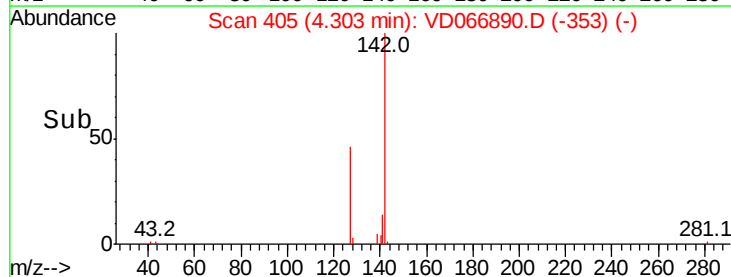
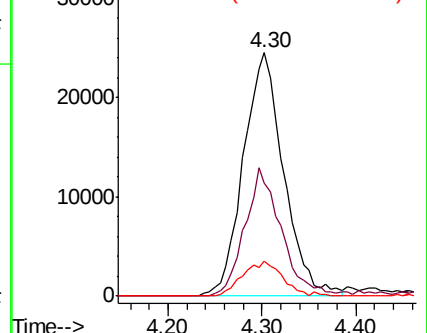
141 14.0 12.1 18.1

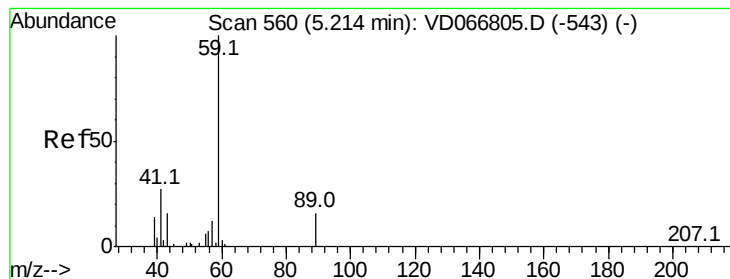


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 123.906 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

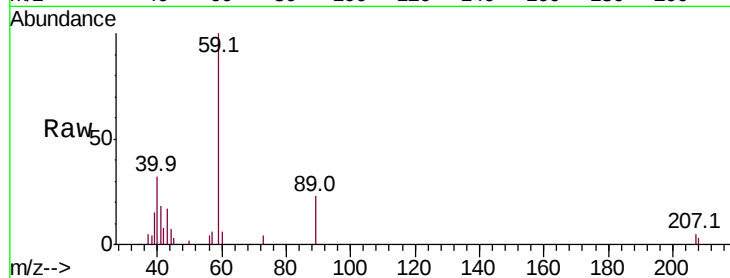
VD0925SBSD02

Tot Ion: 59 Resp: 33404

Ion Ratio Lower Upper

59 100

57 3.2 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC

5.23

8000

6000

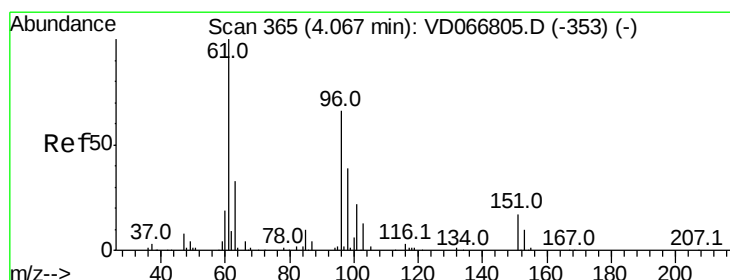
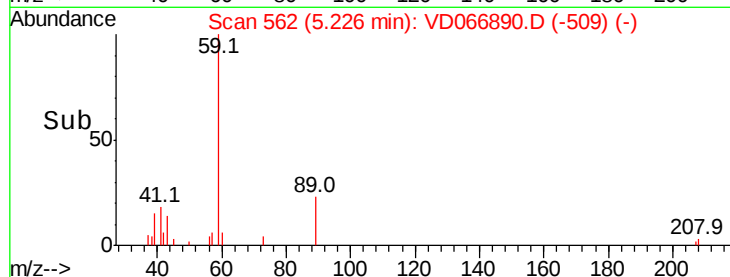
4000

2000

0

5.10 5.20 5.30

Time-->



#12

1,1-Dichloroethene

Concen: 21.011 ug/l

RT: 4.07 min Scan# 365

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

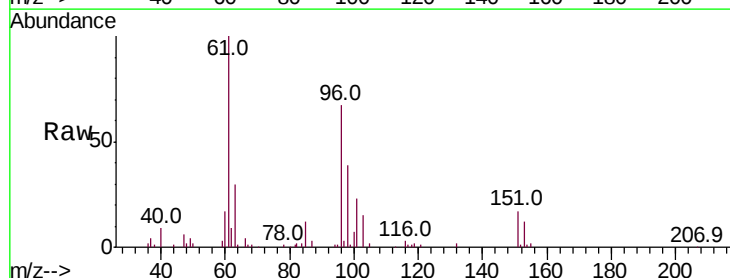
Tgt Ion: 96 Resp: 78524

Ion Ratio Lower Upper

96 100

61 148.3 120.8 181.2

98 58.6 47.7 71.5



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

4.07

60000

50000

40000

30000

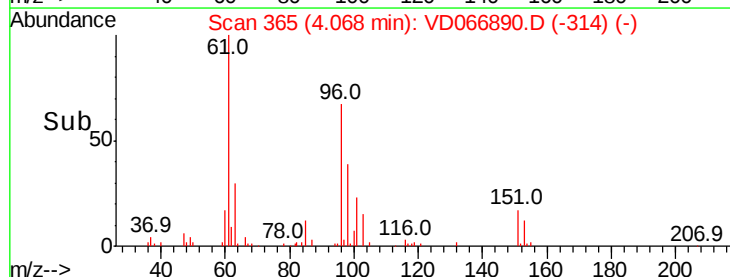
20000

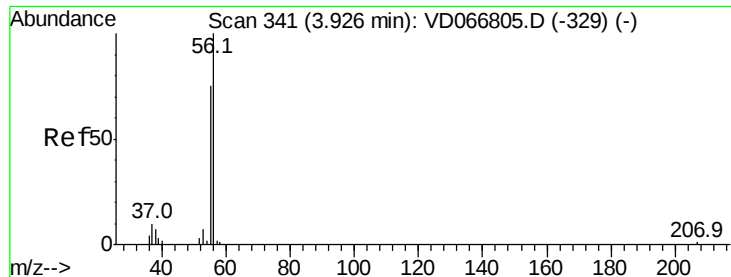
10000

0

4.00 4.10

Time-->





#13

Acrolein

Concen: 87.451 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

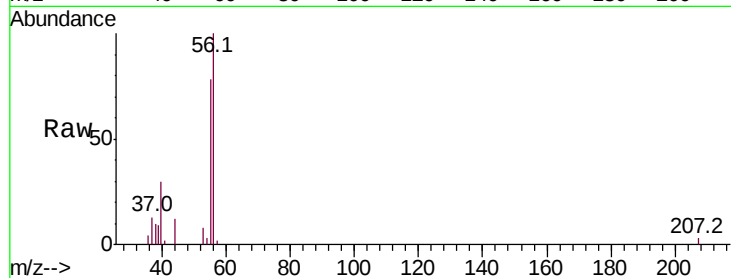
VD0925SBSD02

Tot Ion: 56 Resp: 24099

Ion Ratio Lower Upper

56 100

55 74.3 60.3 90.5



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

8000

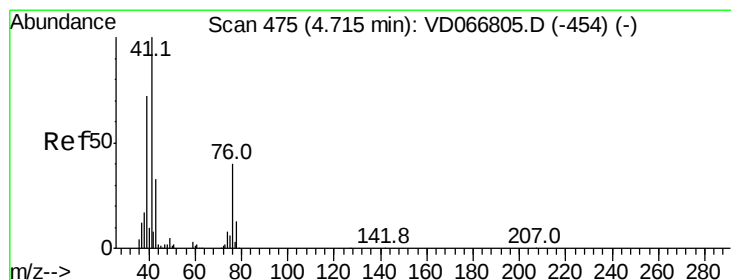
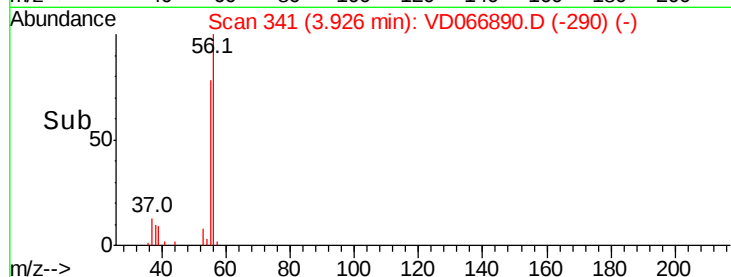
6000

4000

2000

0

Time--> 3.80 3.90 4.00



#14

Allyl chloride

Concen: 19.899 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

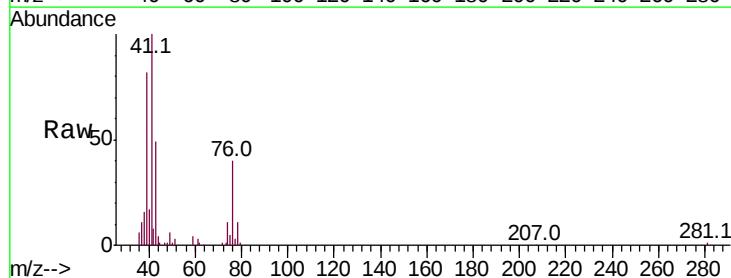
Tgt Ion: 41 Resp: 109206

Ion Ratio Lower Upper

41 100

39 70.0 57.8 86.8

76 38.1 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

40000

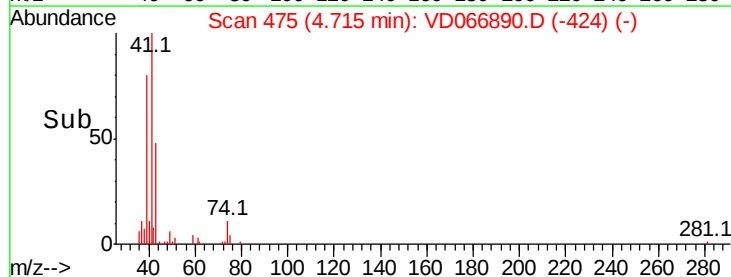
30000

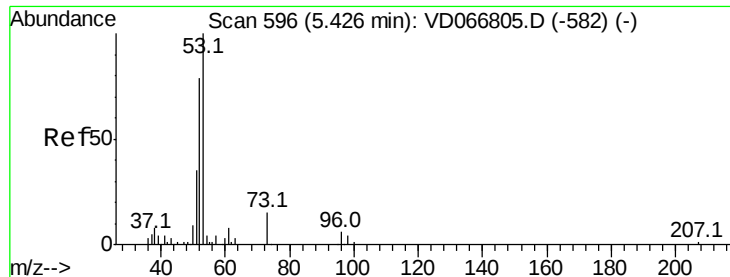
20000

10000

0

Time--> 4.50 4.60 4.70 4.80 4.90





#15

Acrylonitrile

Concen: 107.911 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

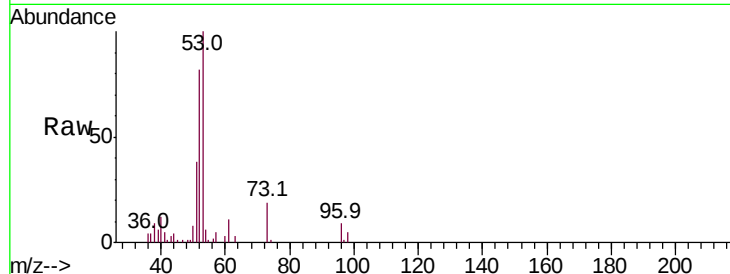
Tot Ion: 53 Resp: 86379

Ion Ratio Lower Upper

53 100

52 82.6 65.2 97.8

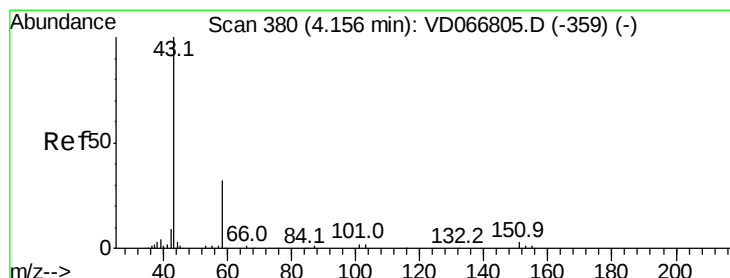
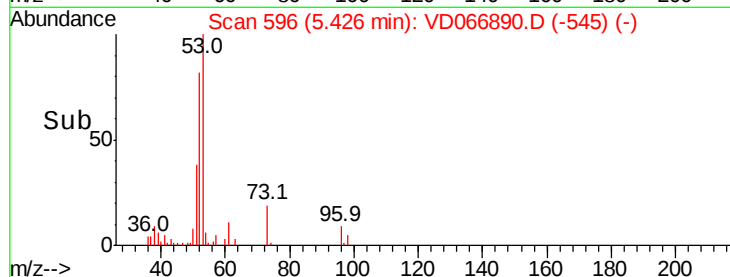
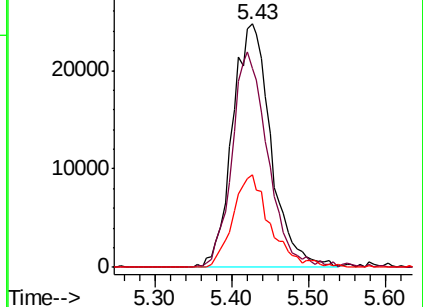
51 35.7 30.6 46.0



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 90.234 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066890.D

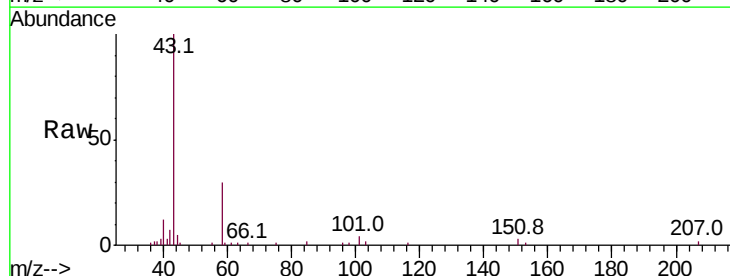
Acq: 26 Sep 2020 00:21

Tgt Ion: 43 Resp: 71505

Ion Ratio Lower Upper

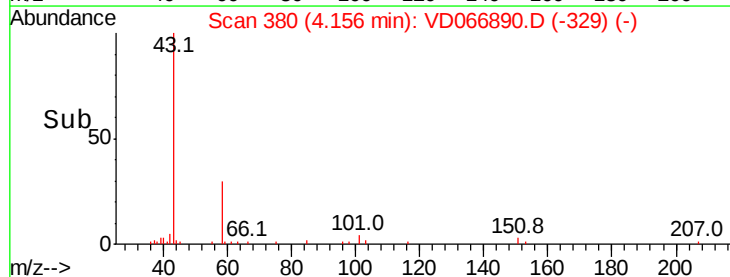
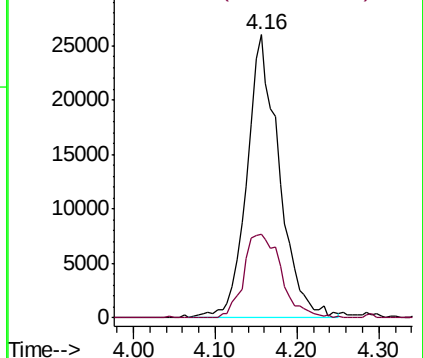
43 100

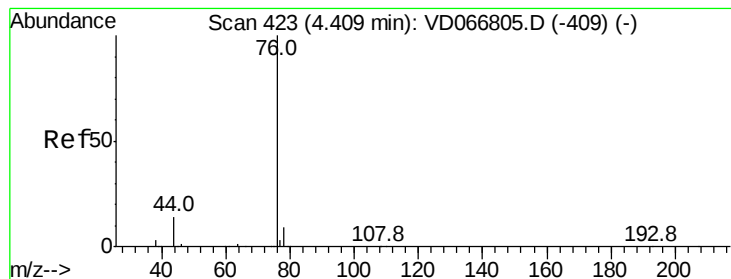
58 29.5 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 19.888 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

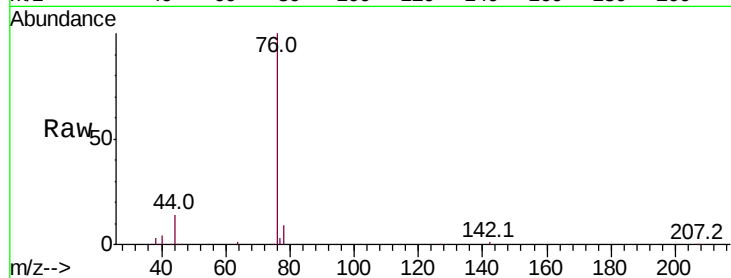
VD0925SBSD02

Tot Ion: 76 Resp: 227239

Ion Ratio Lower Upper

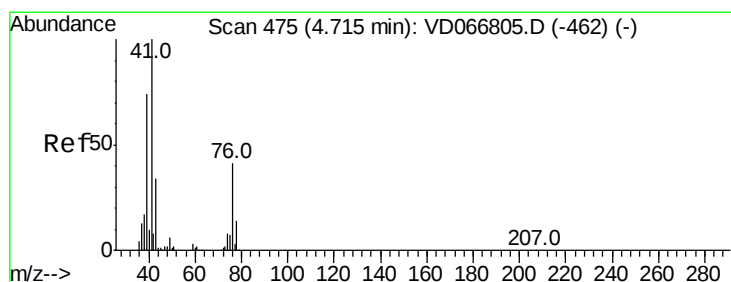
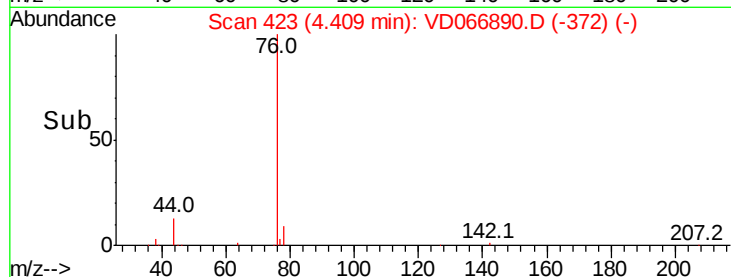
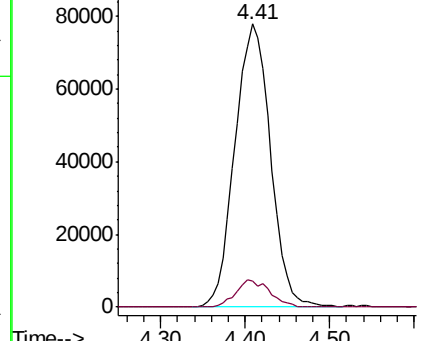
76 100

78 9.4 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 24.266 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066890.D

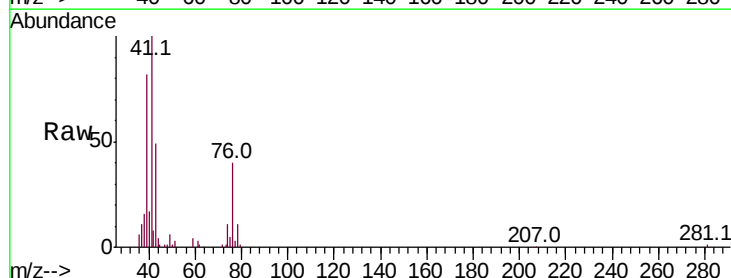
Acq: 26 Sep 2020 00:21

Tgt Ion: 43 Resp: 46207

Ion Ratio Lower Upper

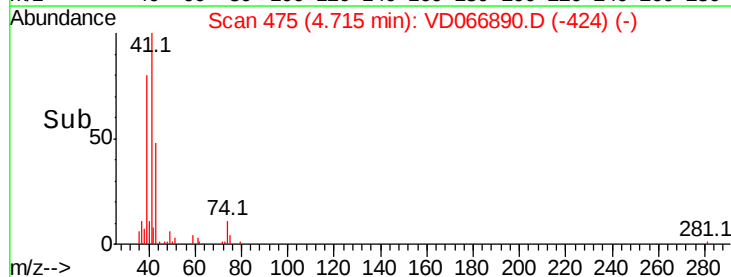
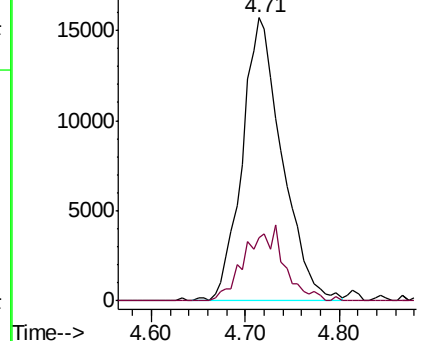
43 100

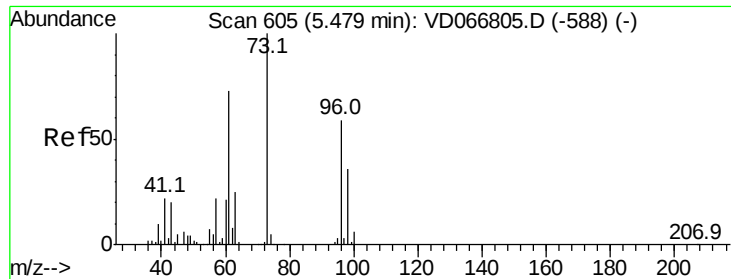
74 25.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

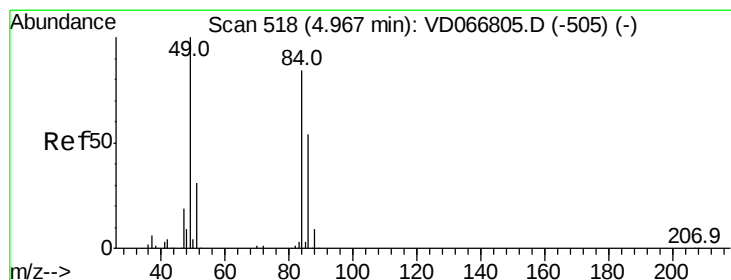
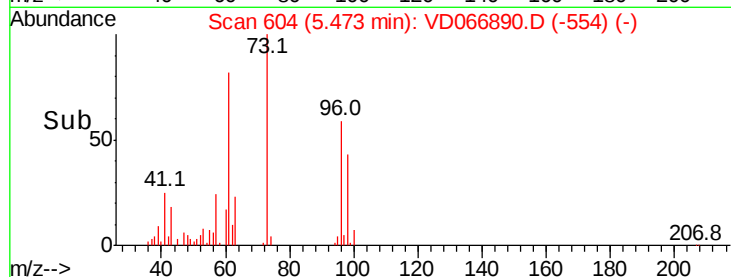
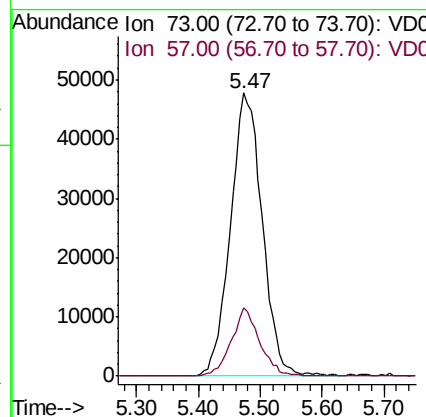
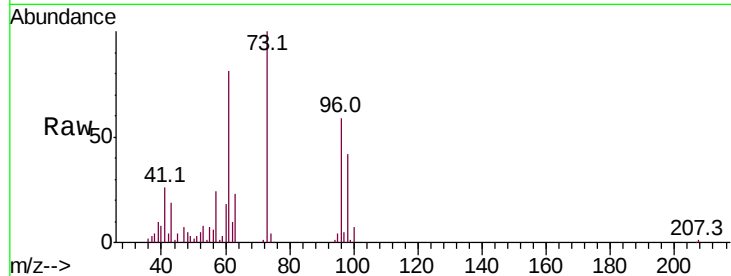




#19
Methvl tert-butvl Ether
Concen: 21.039 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

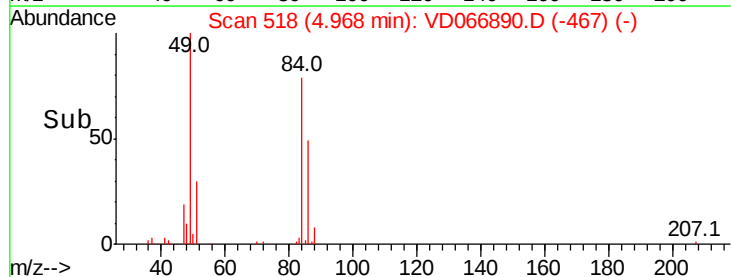
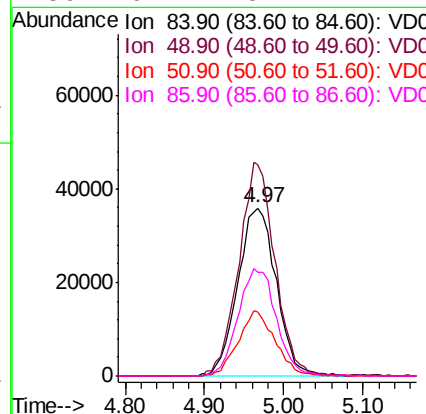
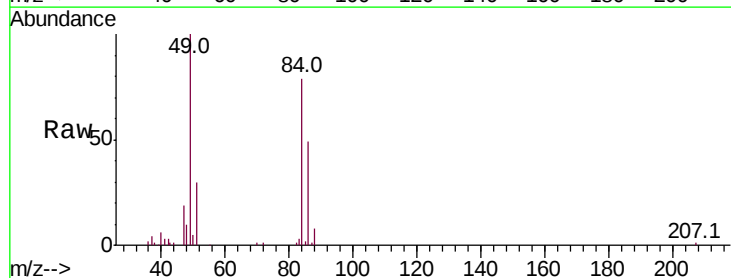
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

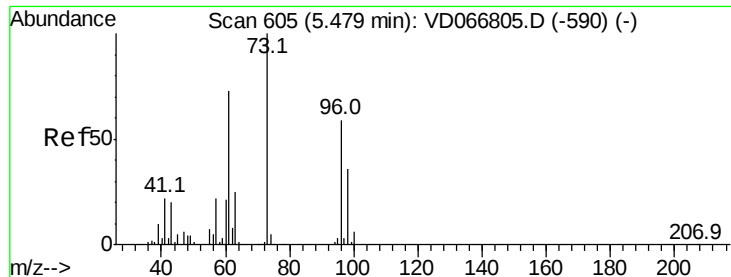
Tot Ion: 73 Resp: 170755
Ion Ratio Lower Upper
73 100
57 24.2 17.4 26.2



#20
Methylene Chloride
Concen: 25.364 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion: 84 Resp: 120745
Ion Ratio Lower Upper
84 100
49 125.9 95.4 143.2
51 38.0 29.7 44.5
86 62.1 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.647 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD02

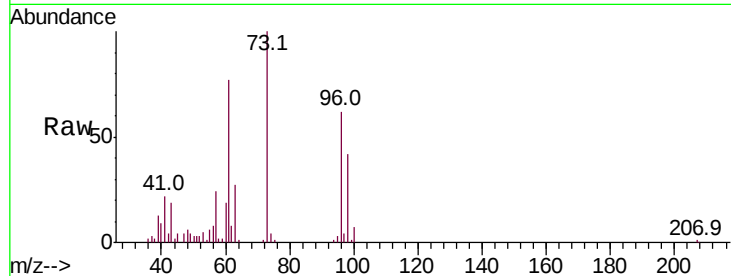
Tot Ion: 96 Resp: 89347

Ion Ratio Lower Upper

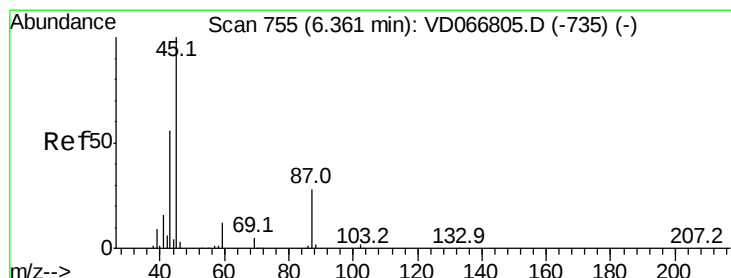
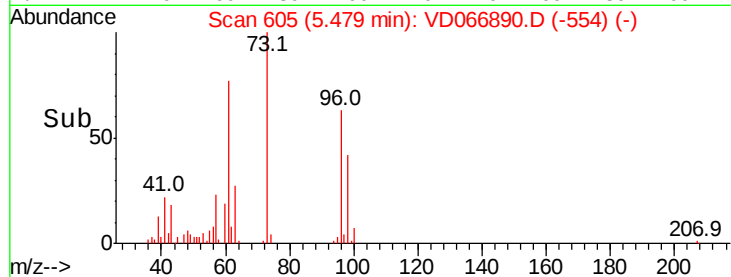
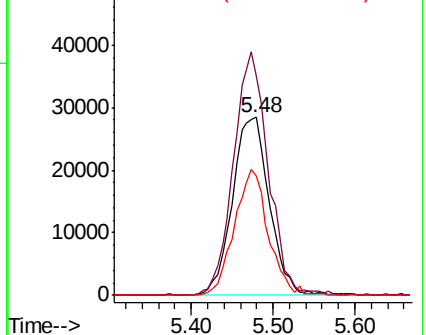
96 100

61 123.1 98.9 148.3

98 66.9 48.4 72.6



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



#22

Diisopropyl ether

Concen: 20.817 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Tgt Ion: 45 Resp: 234896

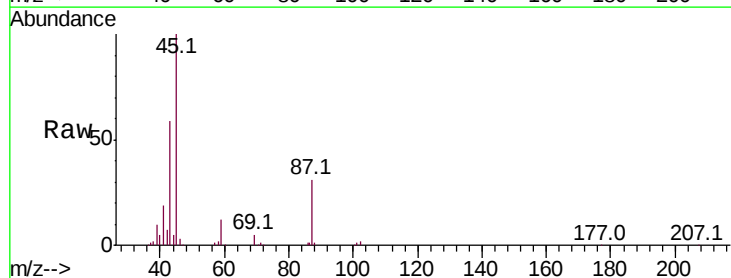
Ion Ratio Lower Upper

45 100

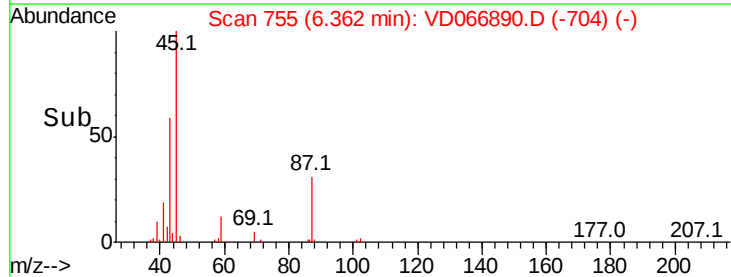
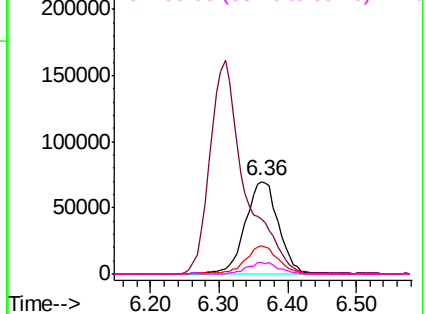
43 58.5 44.5 66.7

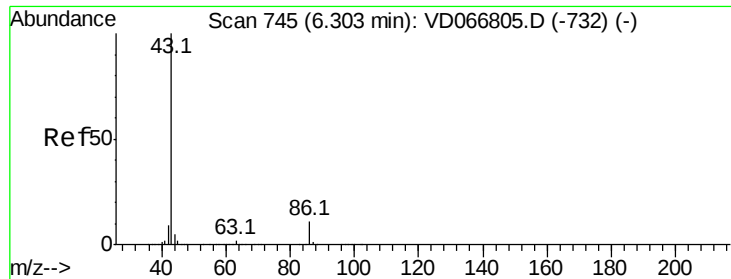
87 30.9 22.9 34.3

59 12.4 9.4 14.0



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: 94.697 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

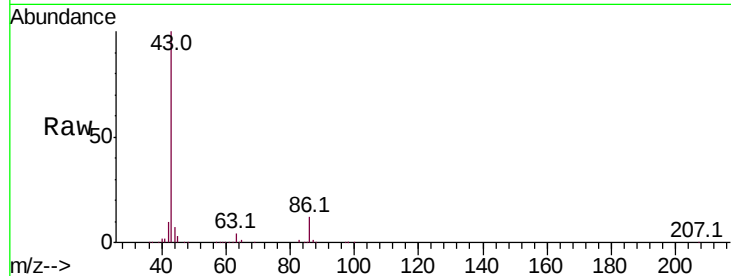
VD0925SBSD02

Tot Ion: 43 Resp: 569864

Ion Ratio Lower Upper

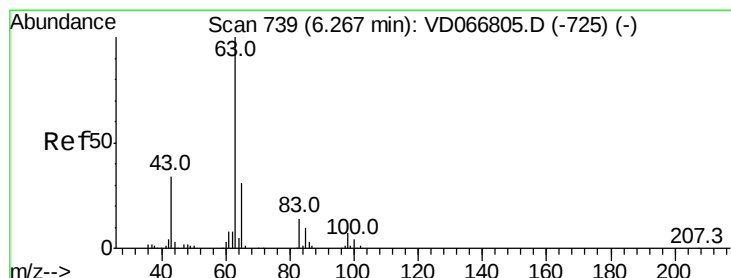
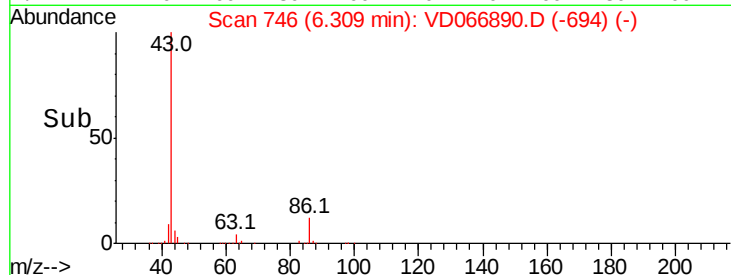
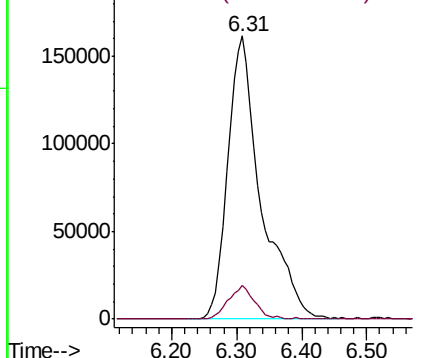
43 100

86 11.8 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.428 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

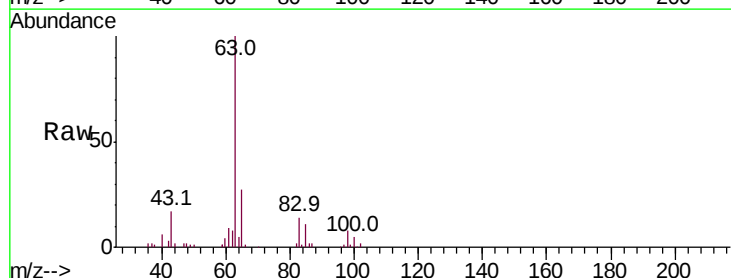
Tgt Ion: 63 Resp: 154202

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

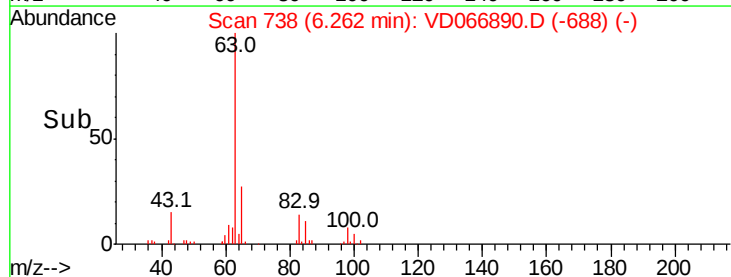
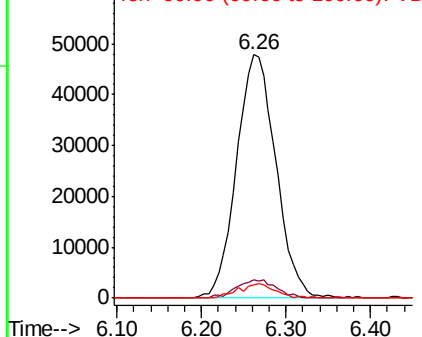
100 5.3 1.8 5.5

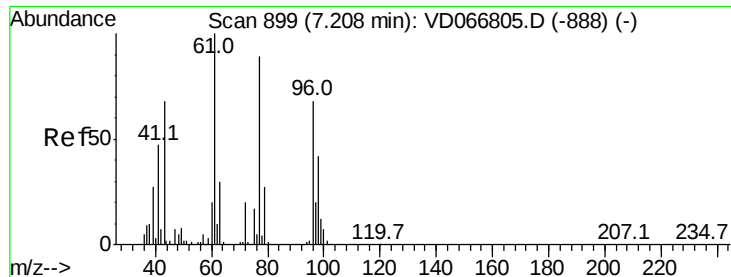


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 106.140 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

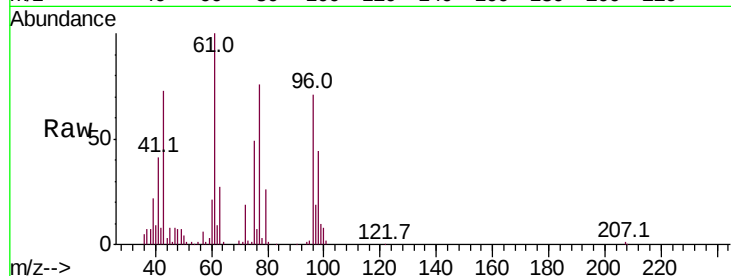
VD0925SBSD02

Tot Ion: 43 Resp: 101077

Ion Ratio Lower Upper

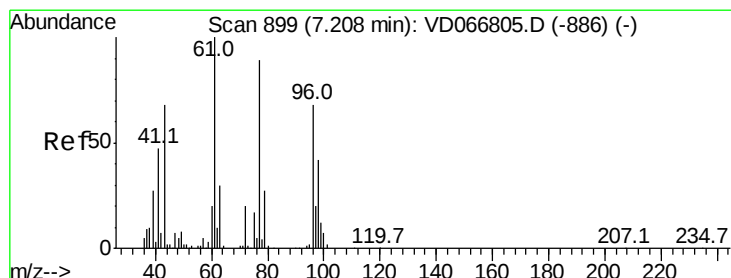
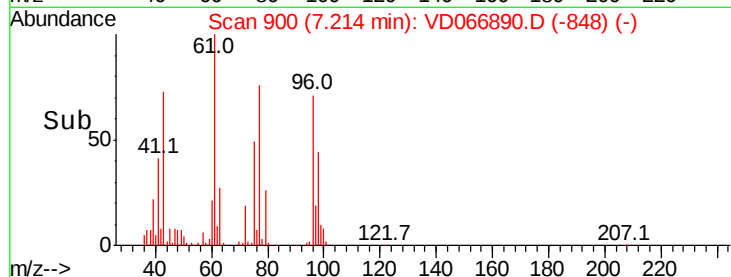
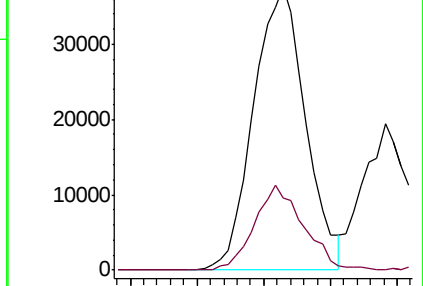
43 100

72 25.7 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 17.898 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066890.D

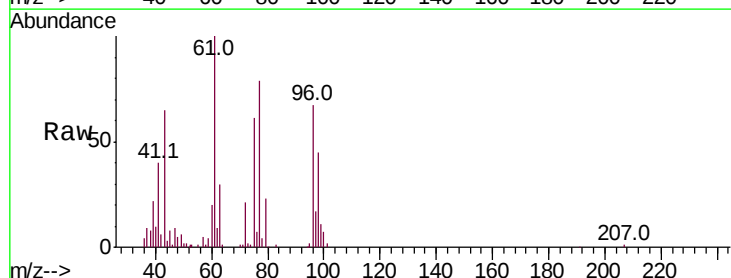
Acq: 26 Sep 2020 00:21

Tgt Ion: 77 Resp: 123832

Ion Ratio Lower Upper

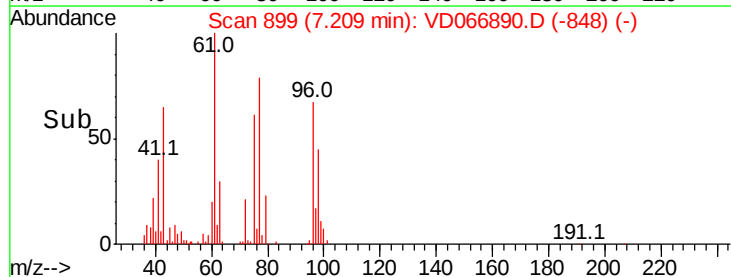
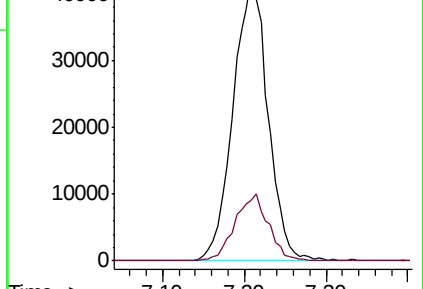
77 100

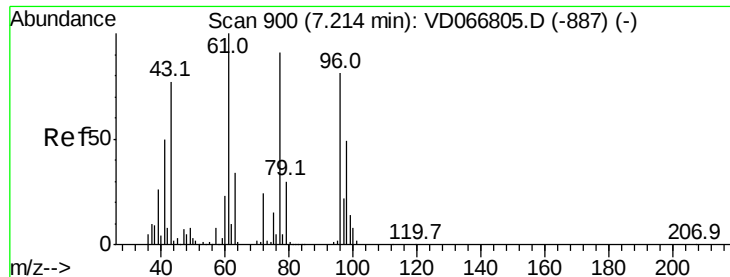
97 22.7 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC

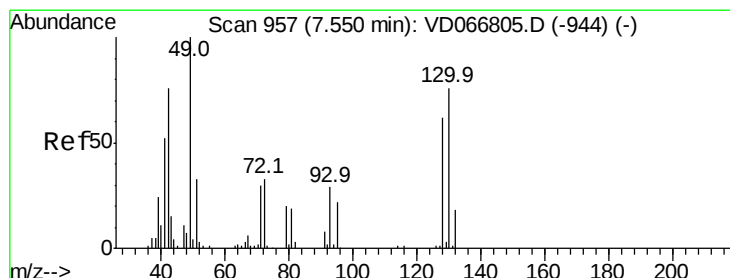
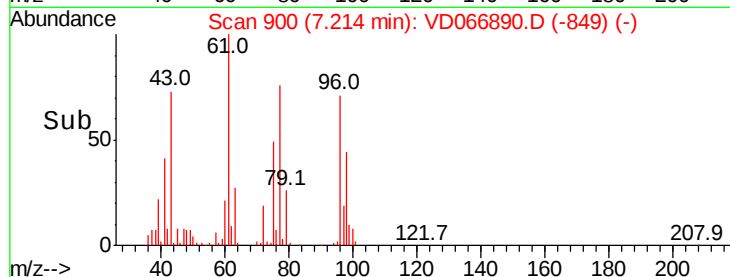
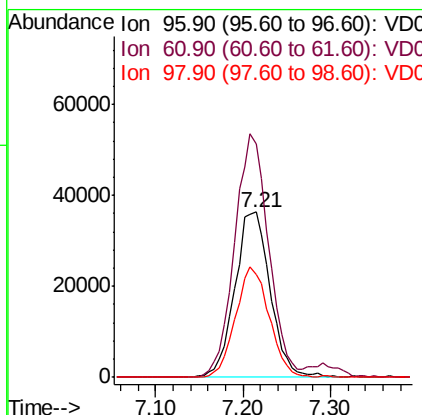
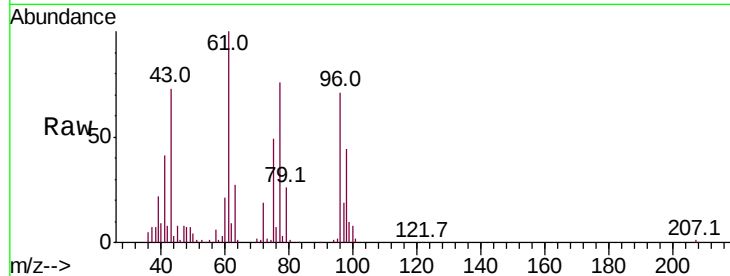




#27
 cis-1,2-Dichloroethene
 Concen: 21.127 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

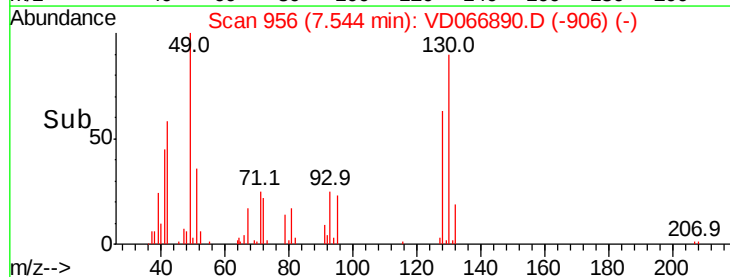
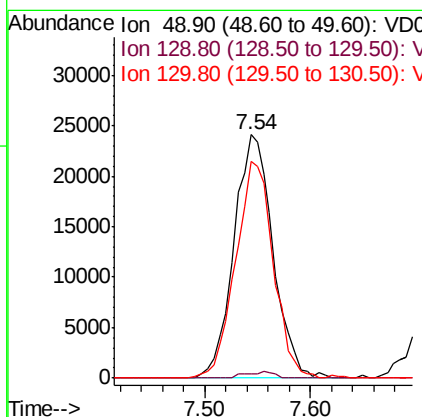
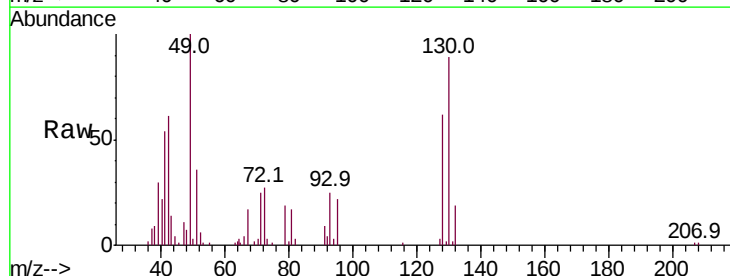
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD02

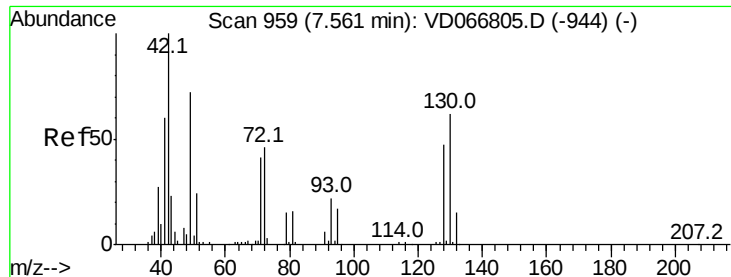
Tot Ion: 96 Resp: 99336
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 283.8
 98 63.5 0.0 128.4



#28
 Bromochloromethane
 Concen: 19.754 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion: 49 Resp: 61604
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 2.0
 130 86.3 65.9 98.9

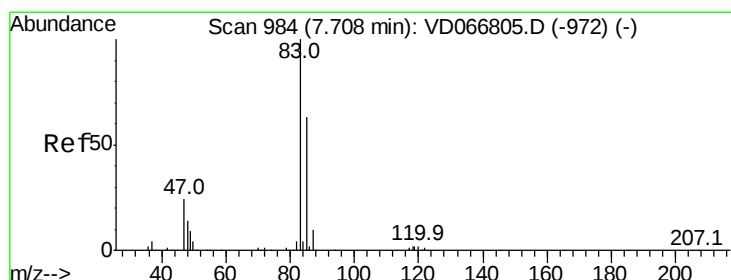
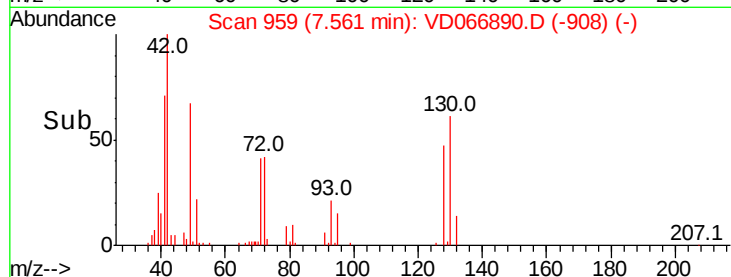
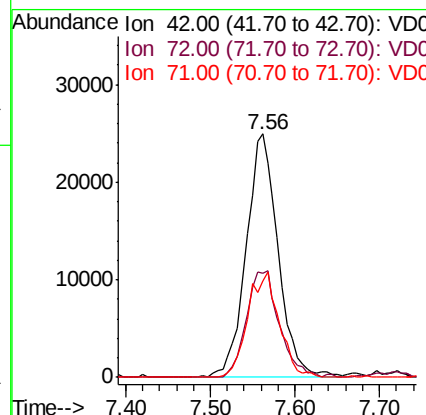
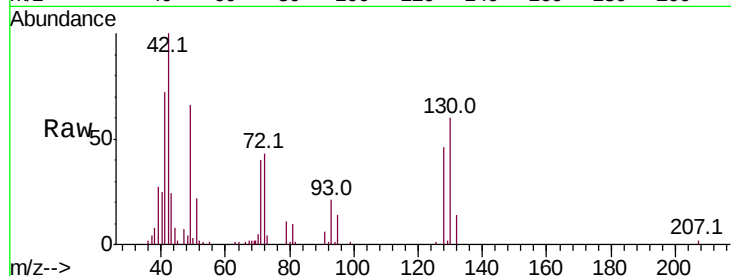




#29
Tetrahydrofuran
Concen: 107.572 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

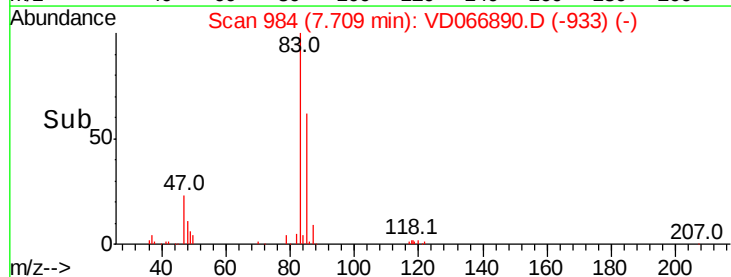
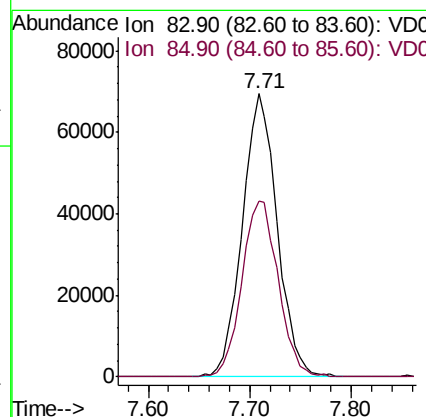
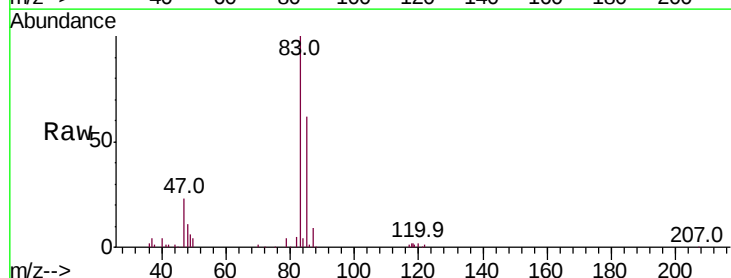
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

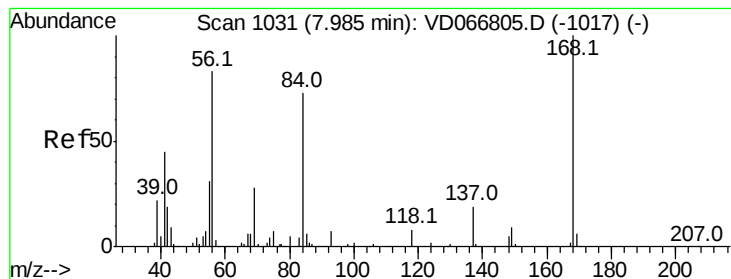
Tot Ion: 42 Resp: 65639
Ion Ratio Lower Upper
42 100
72 44.9 36.2 54.4
71 42.5 32.4 48.6



#30
Chloroform
Concen: 20.314 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion: 83 Resp: 165295
Ion Ratio Lower Upper
83 100
85 62.2 50.6 75.8





#31

Cyclohexane

Concen: 18.912 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

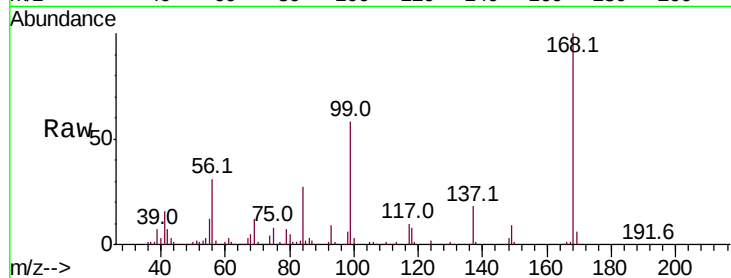
Tot Ion: 56 Resp: 128453

Ion Ratio Lower Upper

56 100

69 40.5 27.0 40.4#

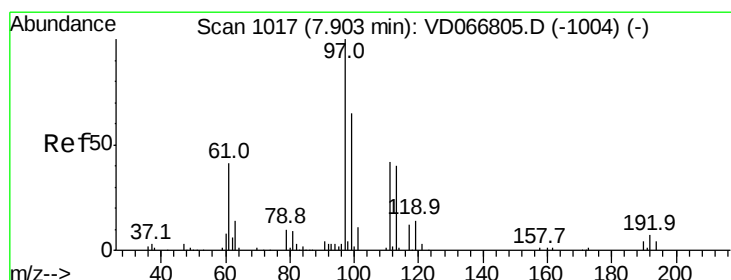
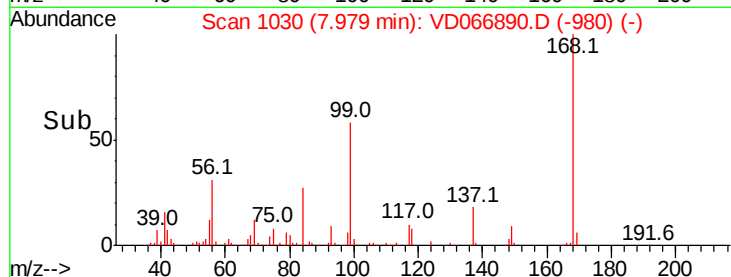
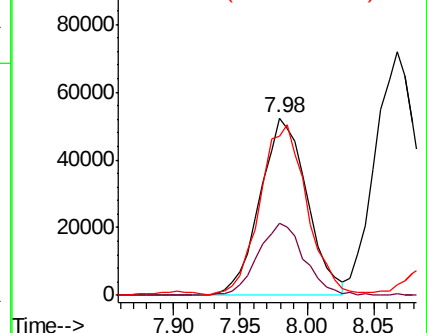
84 88.1 70.2 105.4



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: 19.749 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

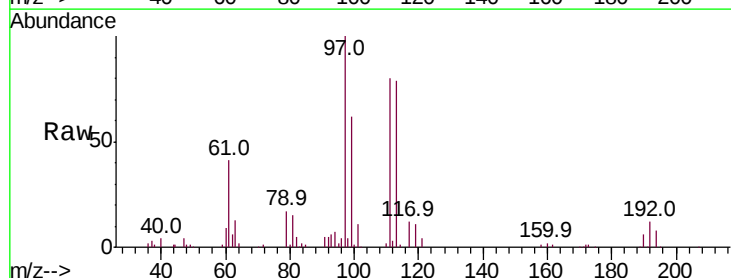
Tgt Ion: 97 Resp: 145369

Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

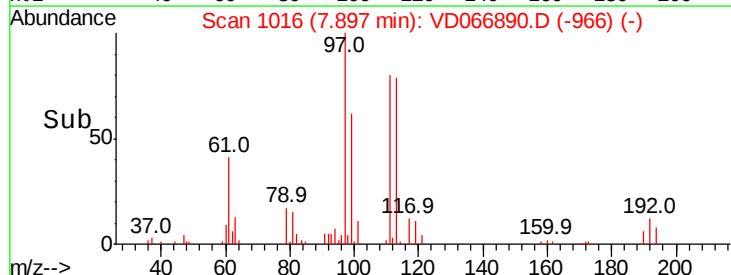
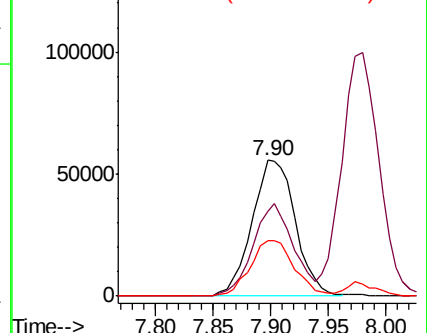
61 41.6 34.2 51.4

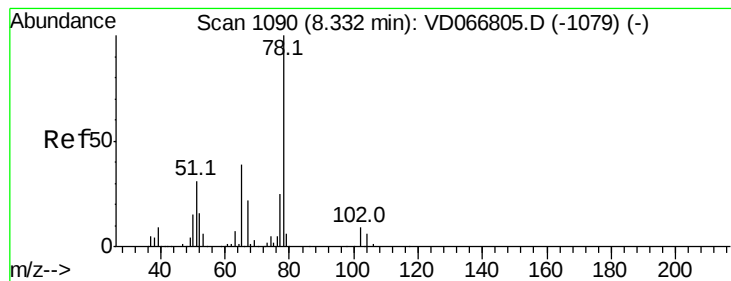


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 98.90 (98.60 to 99.60): VDC

Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 49.383 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

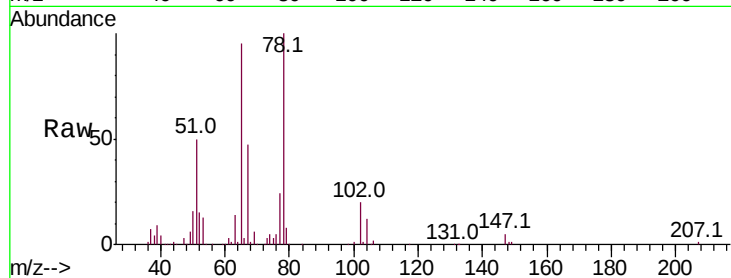
VD0925SBSD02

Tot Ion: 65 Resp: 184475

Ion Ratio Lower Upper

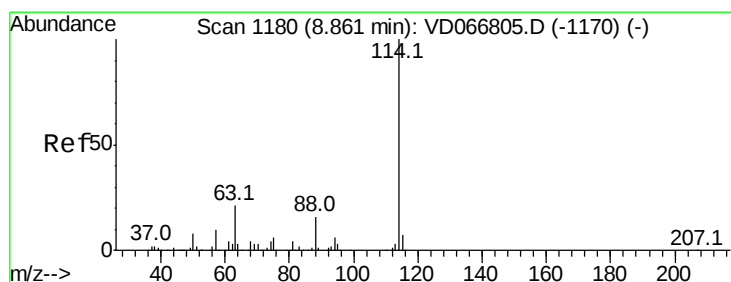
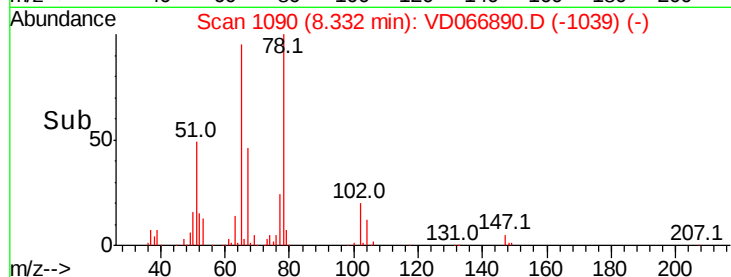
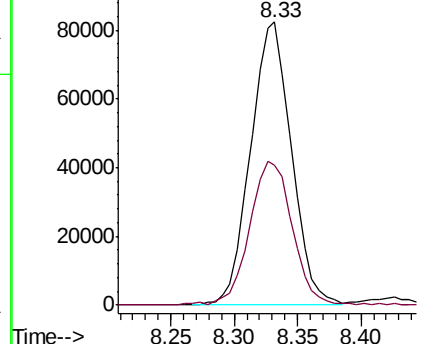
65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

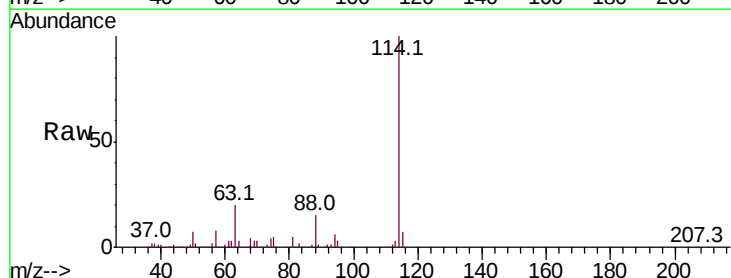
Tgt Ion: 114 Resp: 637405

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

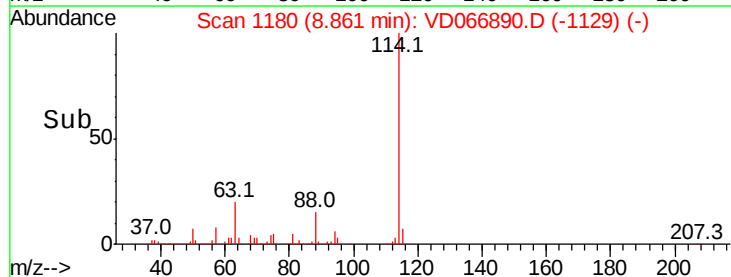
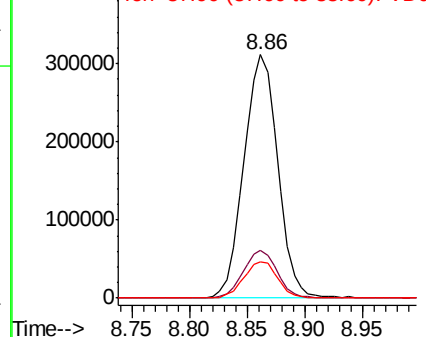
88 15.0 0.0 32.6

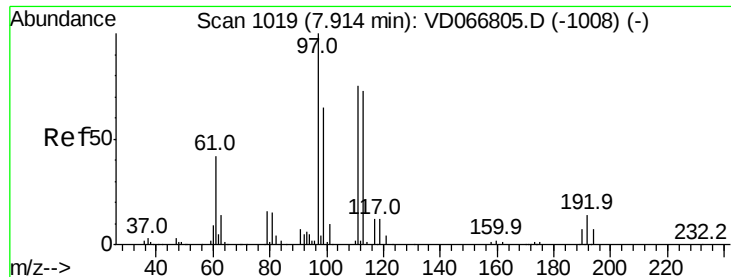


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

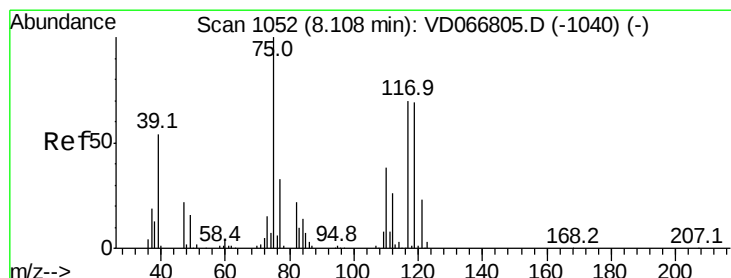
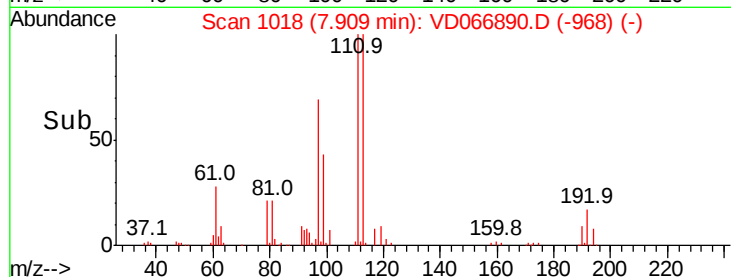
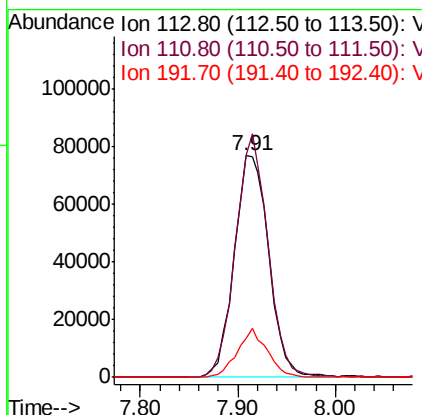
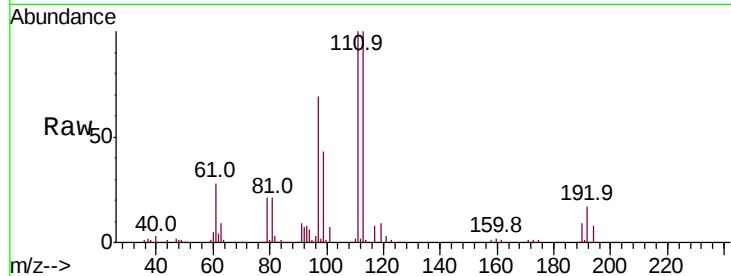




#35
Dibromofluoromethane
Concen: 46.886 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.01 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

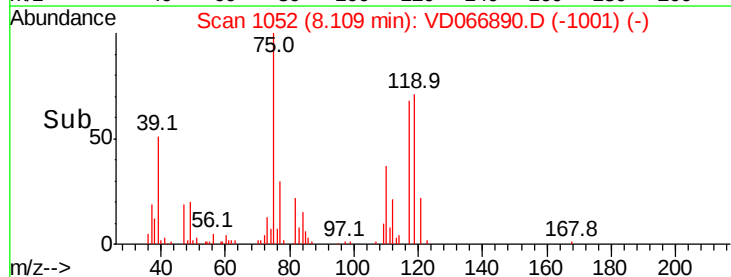
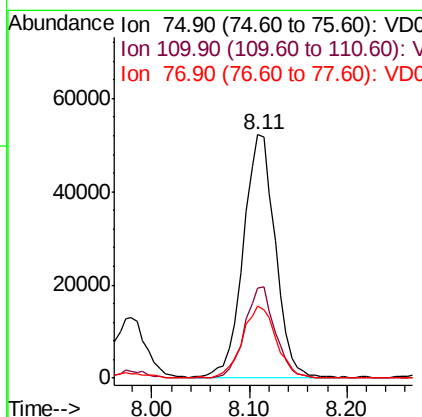
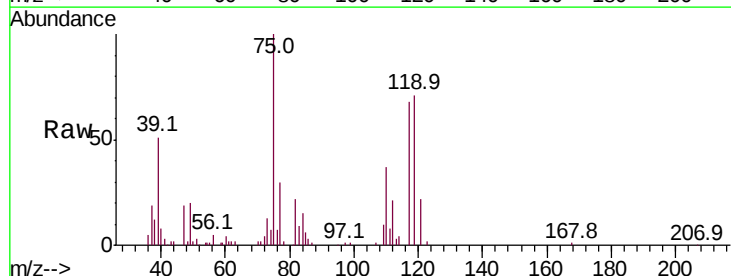
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

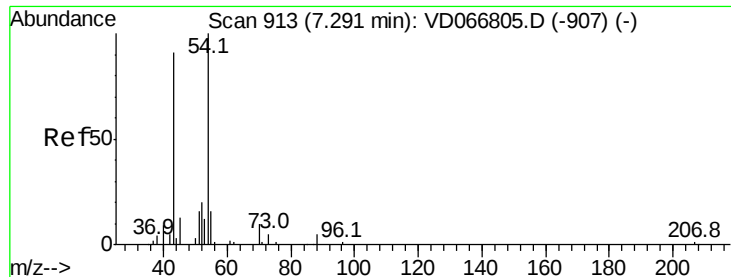
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.8
192	19.1	14.4	21.6



#36
1,1-Dichloropropene
Concen: 18.977 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.9	53.8
77	31.1	25.0	37.6





#37

Ethyl Acetate

Concen: 21.097 ug/l

RT: 7.29 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

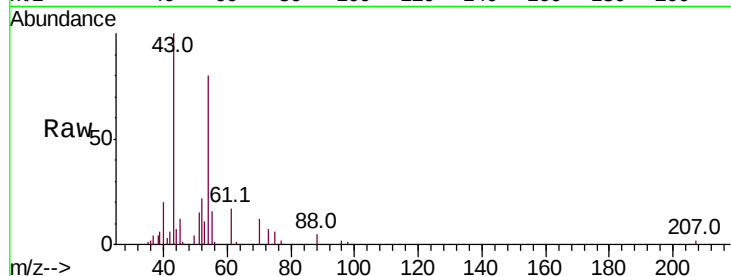
Tot Ion: 43 Resp: 48229

Ion Ratio Lower Upper

43 100

61 15.1 9.8 14.8#

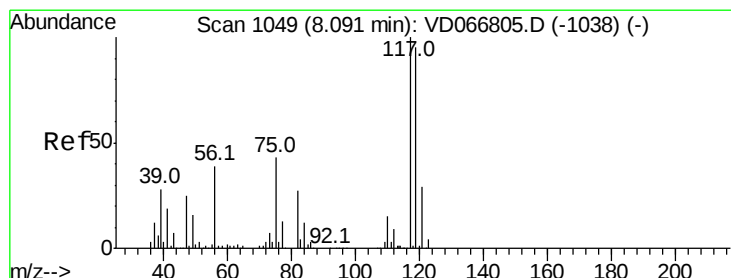
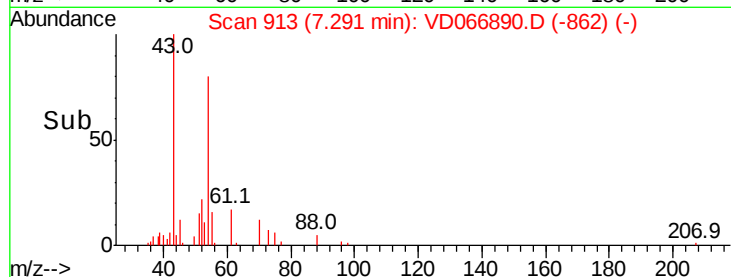
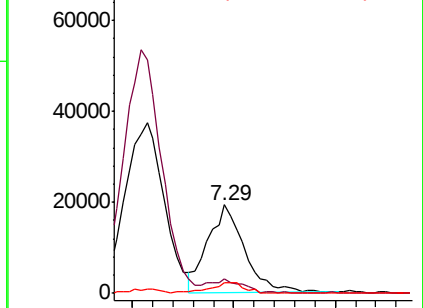
70 11.2 8.5 12.7



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: 18.997 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

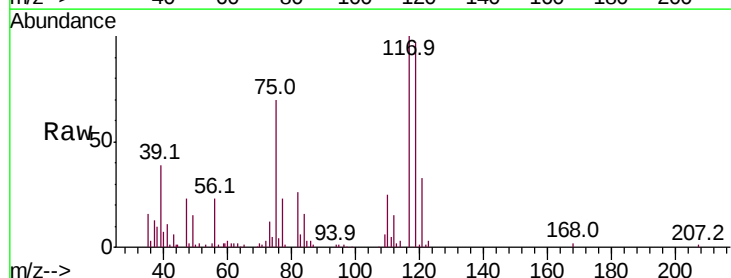
Tgt Ion: 117 Resp: 131336

Ion Ratio Lower Upper

117 100

119 97.4 75.8 113.8

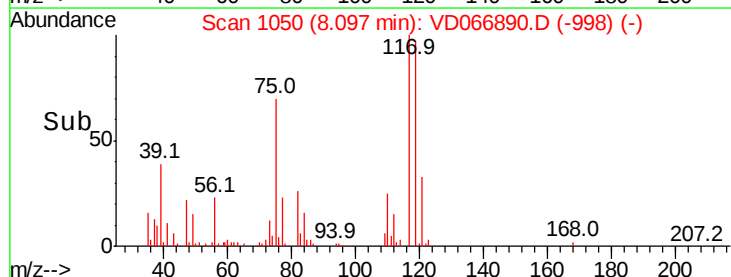
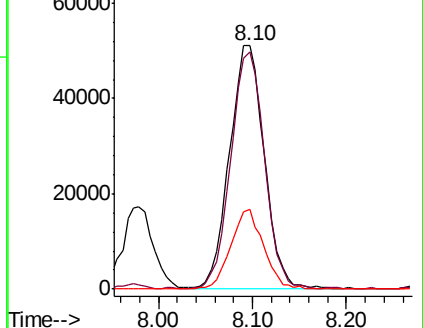
121 32.7 23.4 35.0

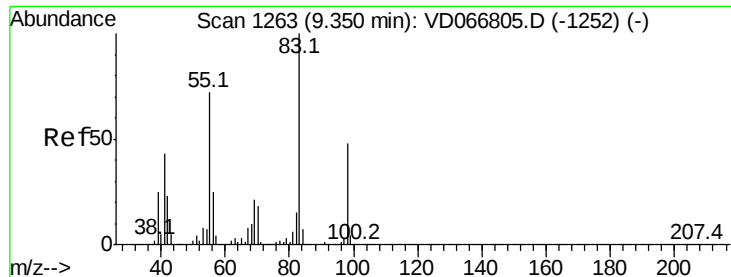


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

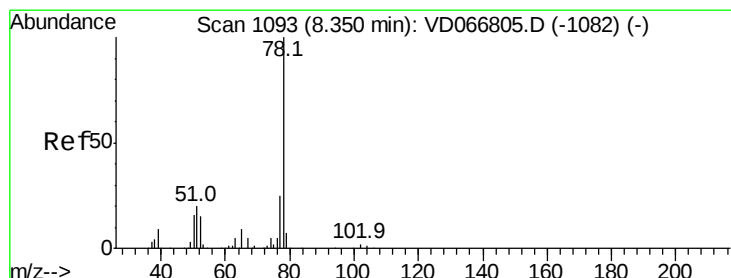
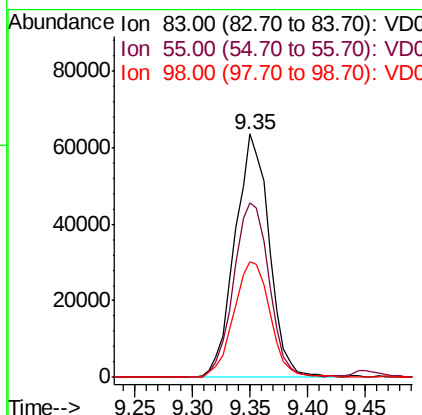
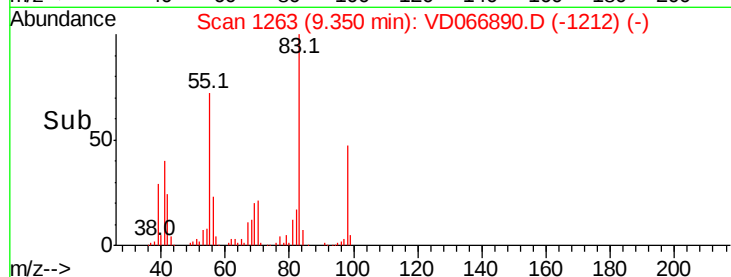
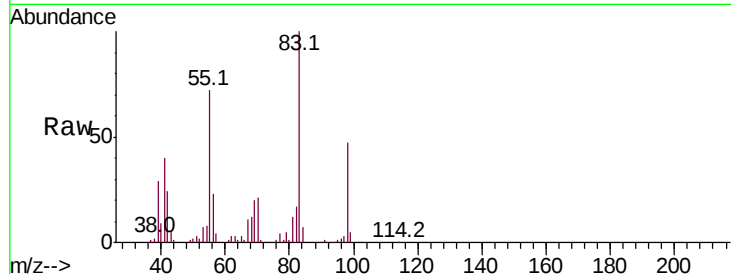




#39
Methvlcvclohexane
Concen: 18.056 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

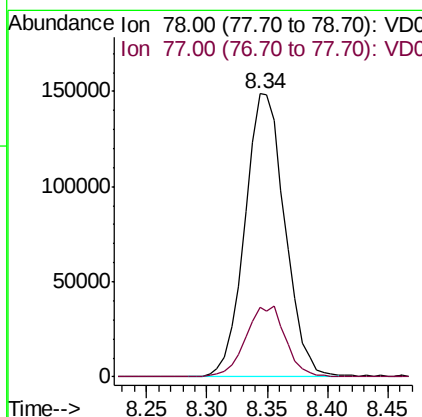
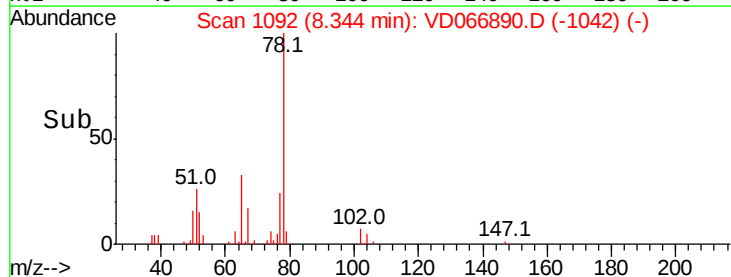
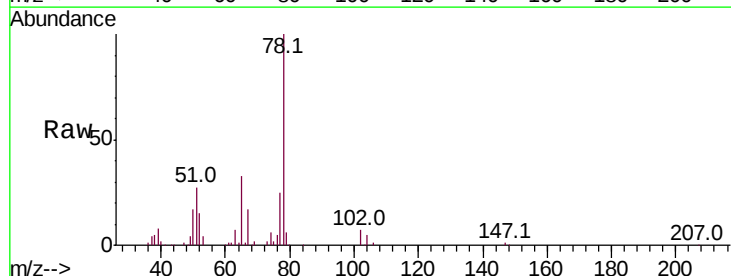
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

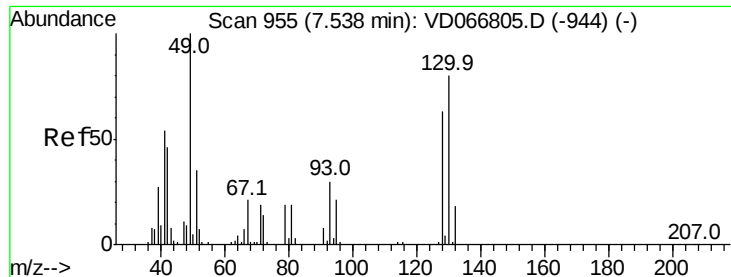
Tot Ion	83	Resp	131095
Ion Ratio	100		
Lower	57.7		
Upper	86.5		
83	71.6	57.7	86.5
98	47.3	38.4	57.6



#40
Benzene
Concen: 19.516 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion	78	Resp	343949
Ion Ratio	100		
Lower	19.9		
Upper	29.9		
78	24.6	19.9	29.9





#41

Methacrylonitrile

Concen: 45.513 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.02 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

Tot Ion: 41 Resp: 63983

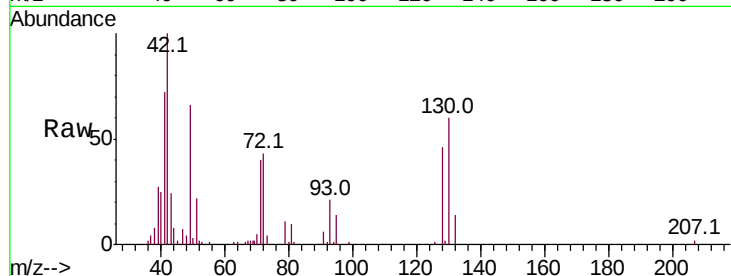
Ion Ratio Lower Upper

41 100

39 27.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

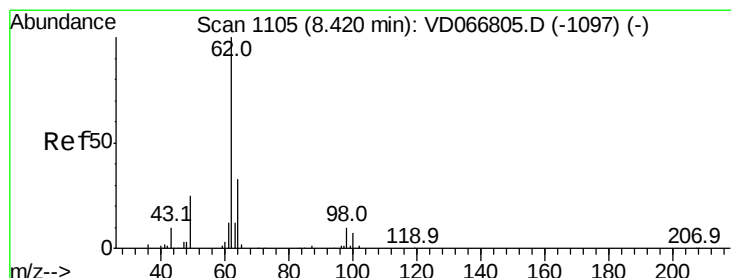
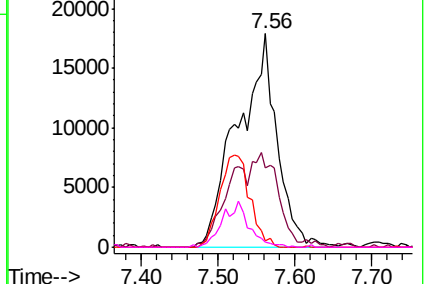
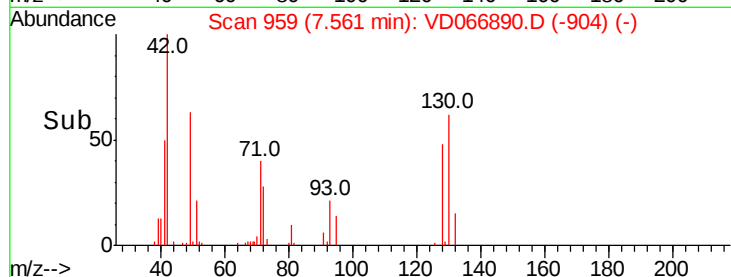


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.317 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066890.D

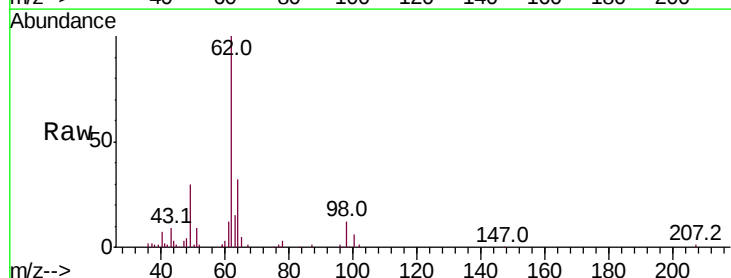
Acq: 26 Sep 2020 00:21

Tgt Ion: 62 Resp: 100640

Ion Ratio Lower Upper

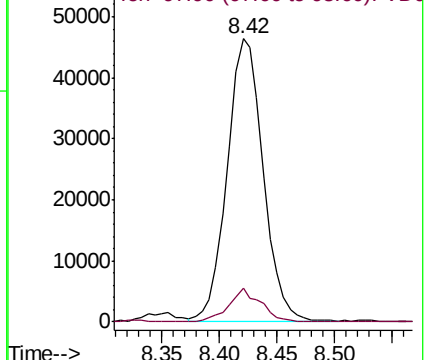
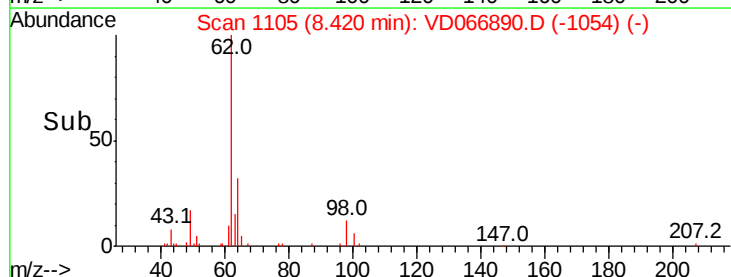
62 100

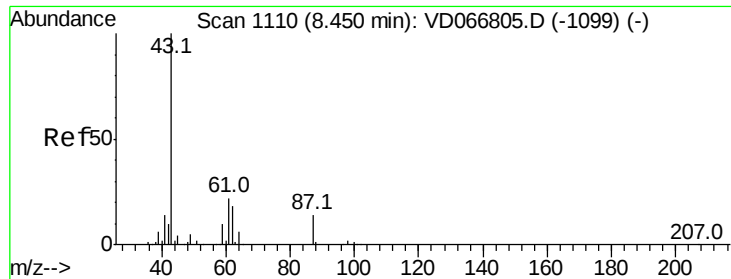
98 10.3 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.787 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

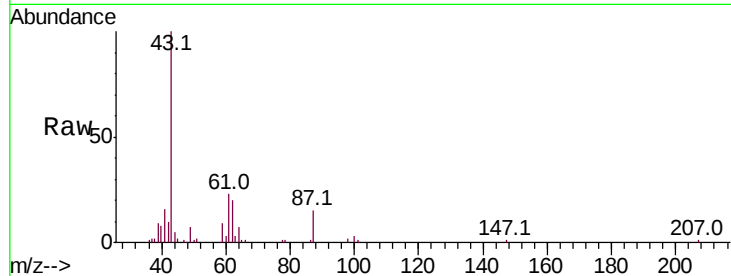
Tot Ion: 43 Resp: 87208

Ion Ratio Lower Upper

43 100

61 33.8 26.2 39.4

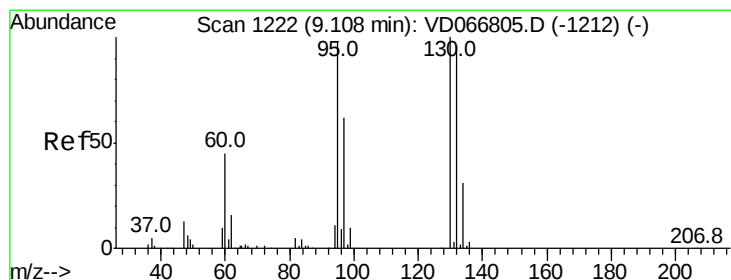
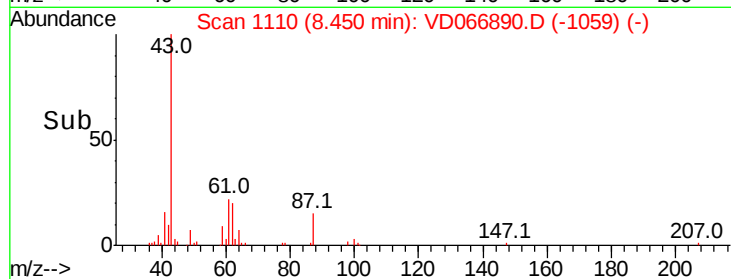
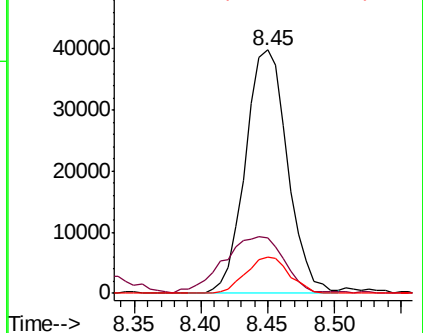
87 15.3 11.5 17.3



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: 19.734 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066890.D

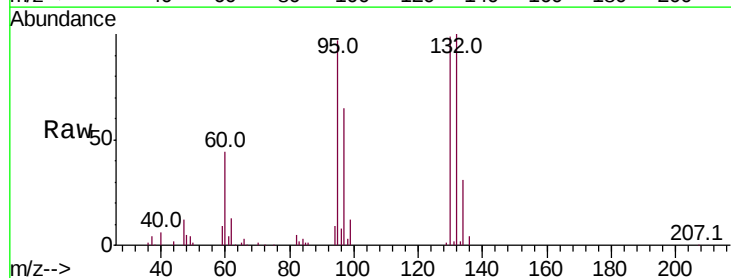
Acq: 26 Sep 2020 00:21

Tgt Ion:130 Resp: 99132

Ion Ratio Lower Upper

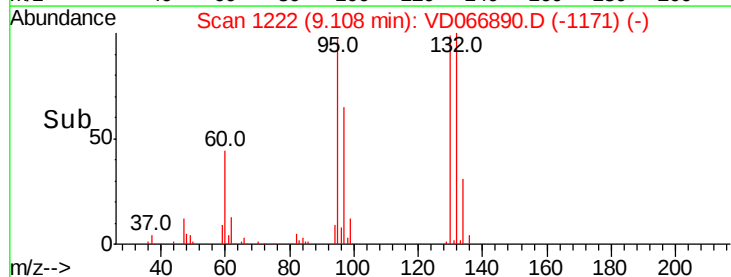
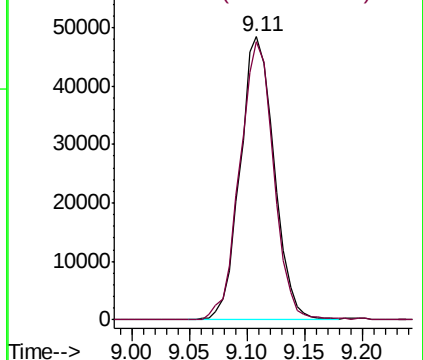
130 100

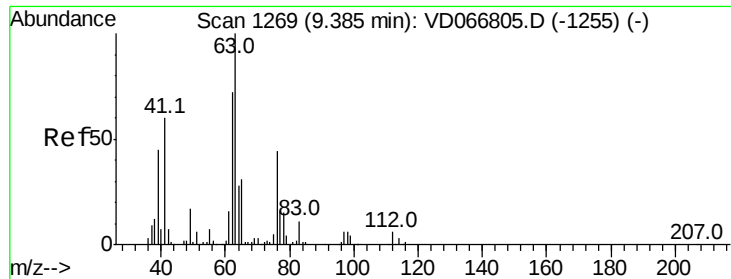
95 98.4 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.835 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

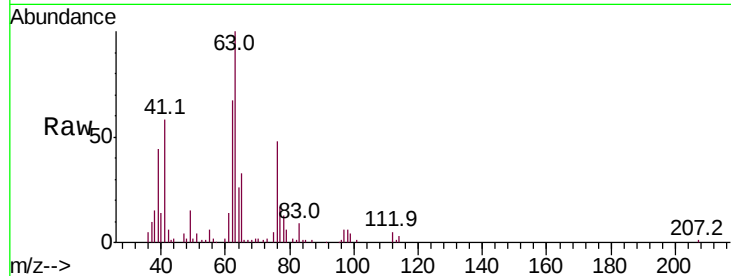
VD0925SBSD02

Tot Ion: 63 Resp: 87950

Ion Ratio Lower Upper

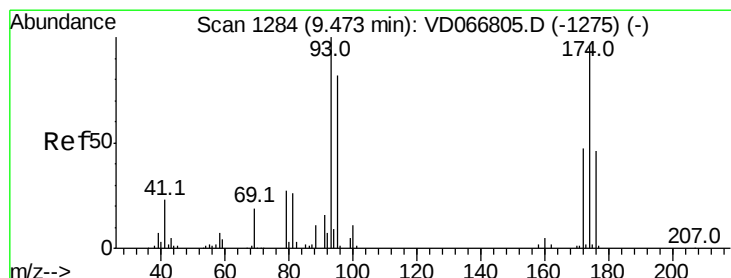
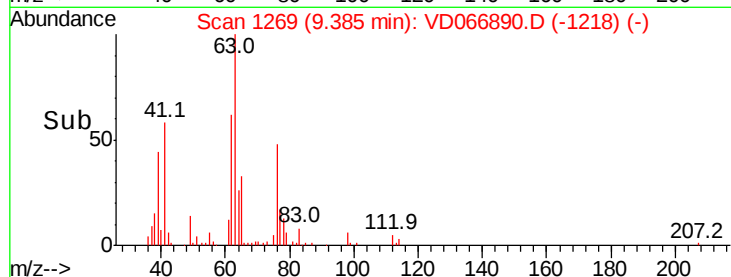
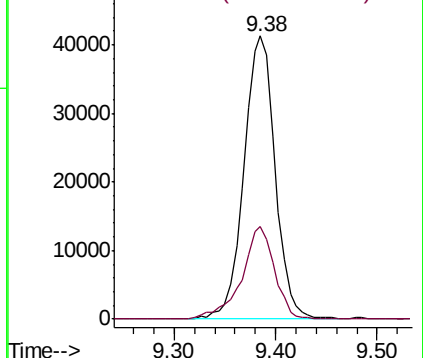
63 100

65 32.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.562 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

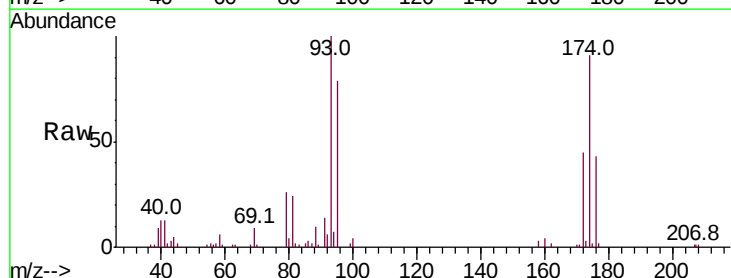
Tgt Ion: 93 Resp: 49537

Ion Ratio Lower Upper

93 100

95 84.7 65.3 97.9

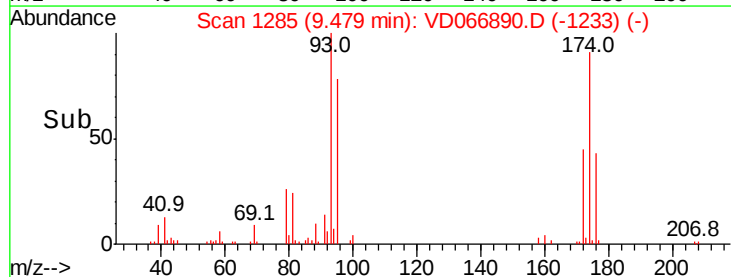
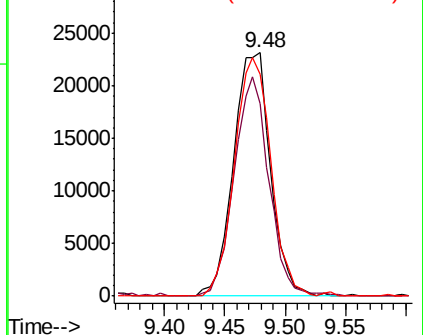
174 96.4 75.4 113.2

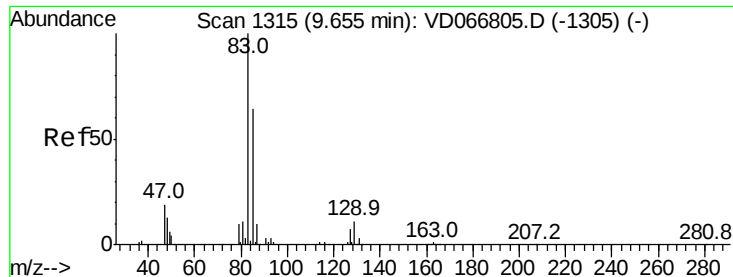


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.817 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD02

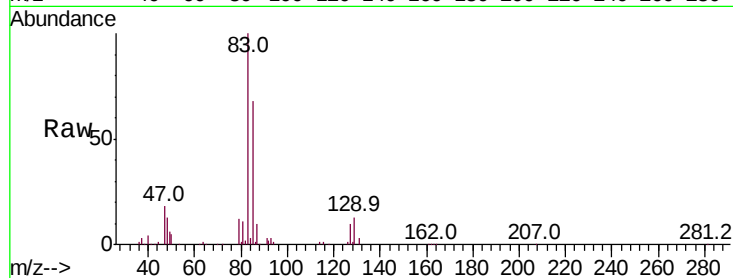
Tot Ion: 83 Resp: 128252

Ion Ratio Lower Upper

83 100

85 67.8 50.9 76.3

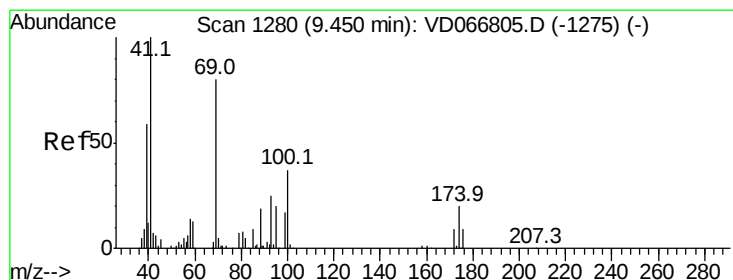
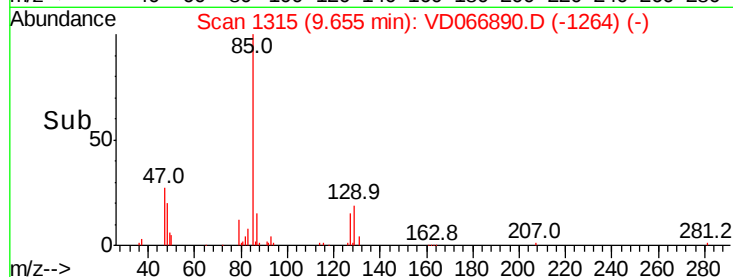
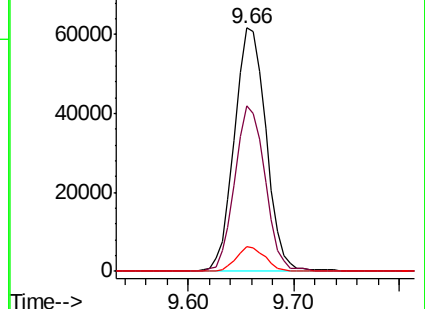
127 10.4 5.9 8.9#



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): VDC



#48

Methyl methacrylate

Concen: 18.729 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

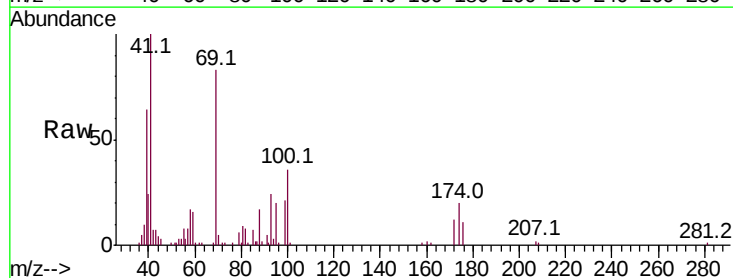
Tgt Ion: 41 Resp: 40699

Ion Ratio Lower Upper

41 100

69 100.0 74.5 111.7

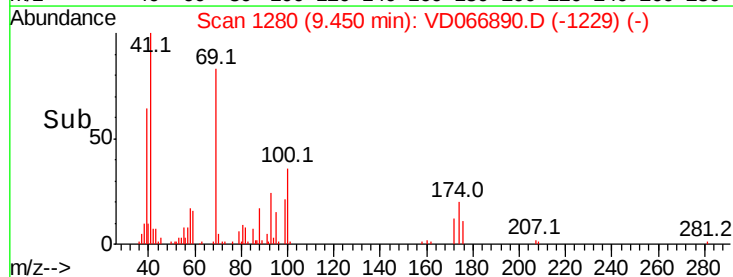
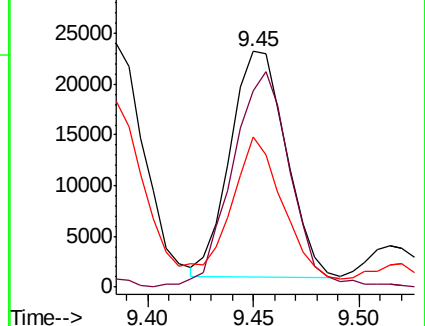
39 55.6 47.0 70.6

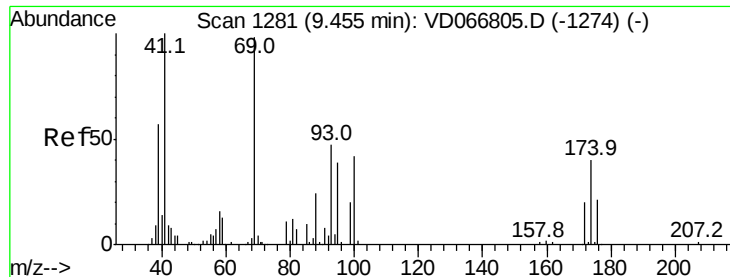


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 401.368 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

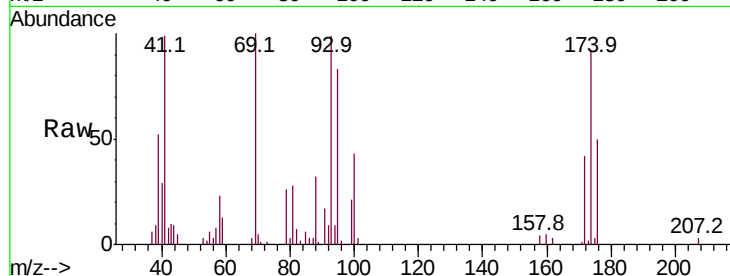
Tot Ion: 88 Resp: 12663

Ion Ratio Lower Upper

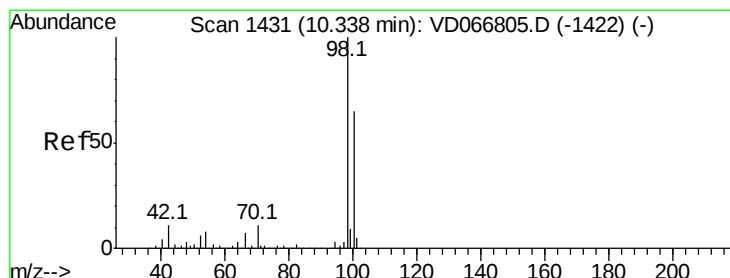
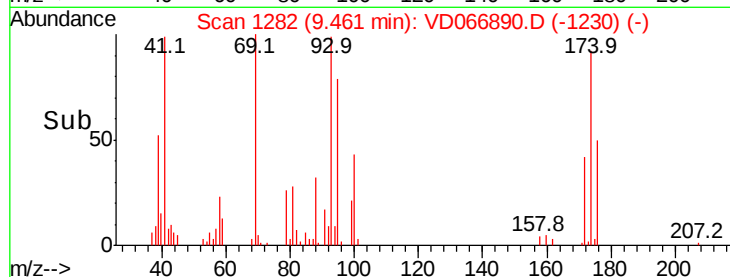
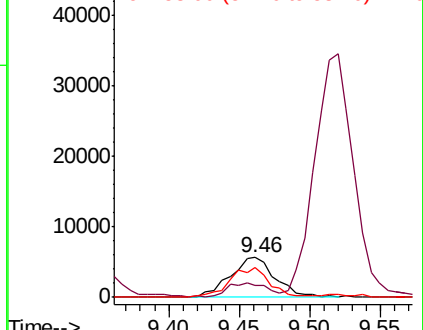
88 100

43 33.0 27.7 41.5

58 65.8 55.5 83.3



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: 48.136 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066890.D

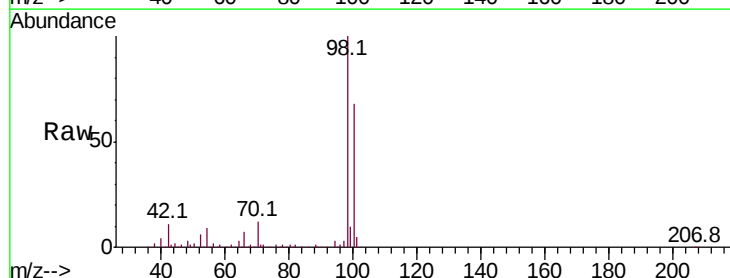
Acq: 26 Sep 2020 00:21

Tgt Ion: 98 Resp: 665085

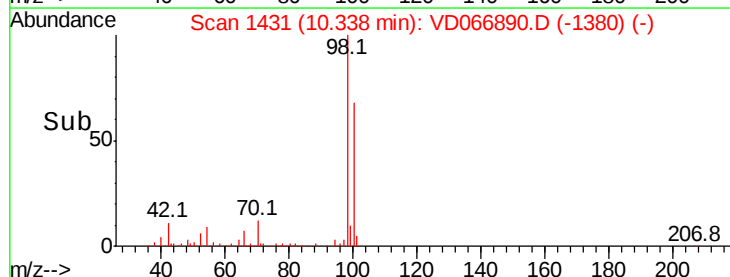
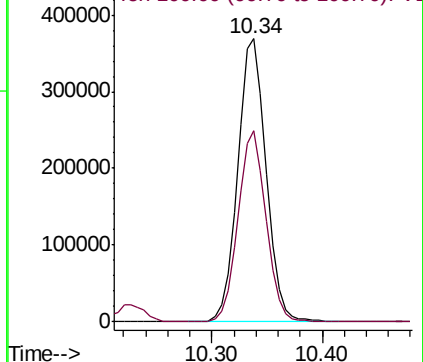
Ion Ratio Lower Upper

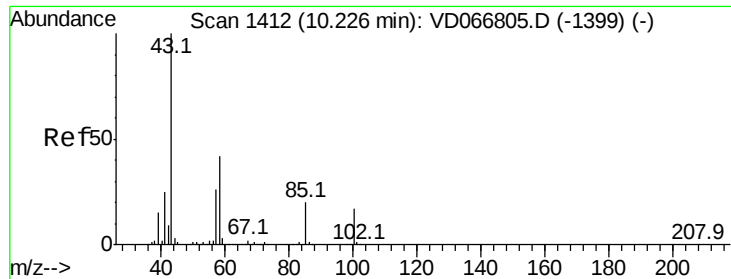
98 100

100 66.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

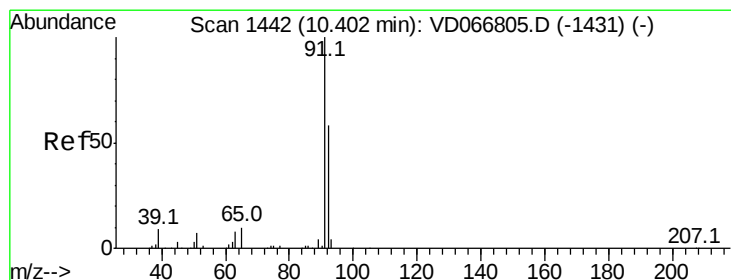
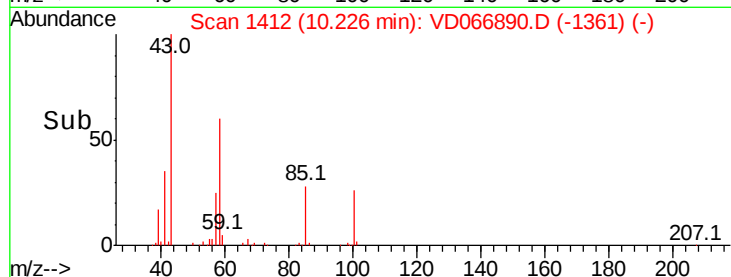
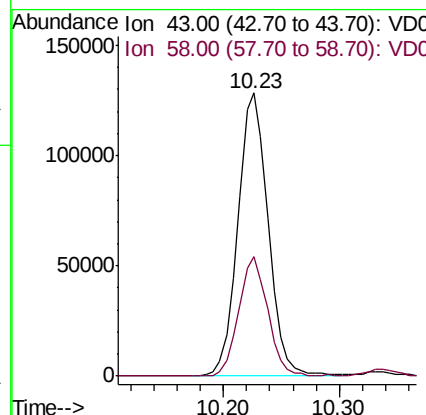
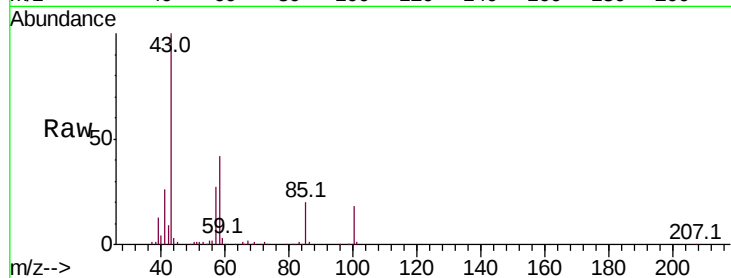




#51
 4-Methyl-2-Pentanone
 Concen: 104.225 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

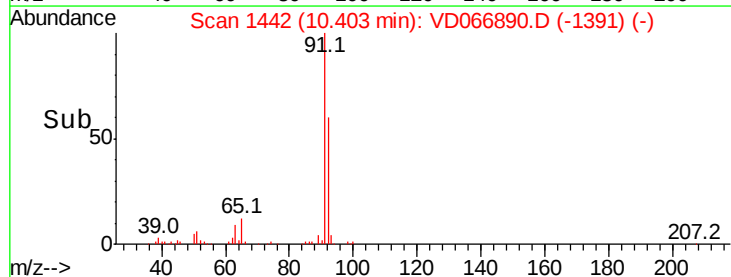
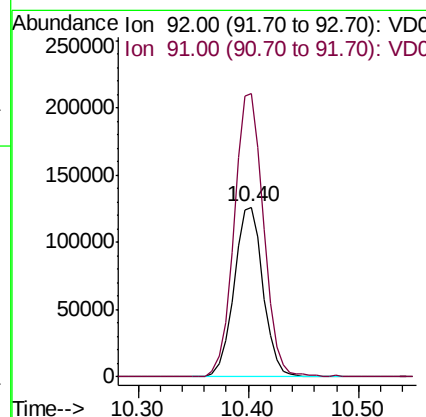
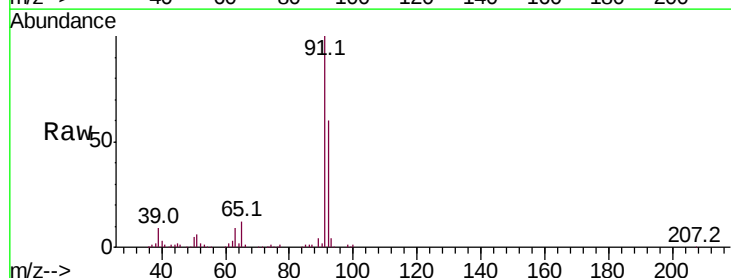
Instrument :
 MSVOA_D
 ClientSampleID :
 VD0925SBSD02

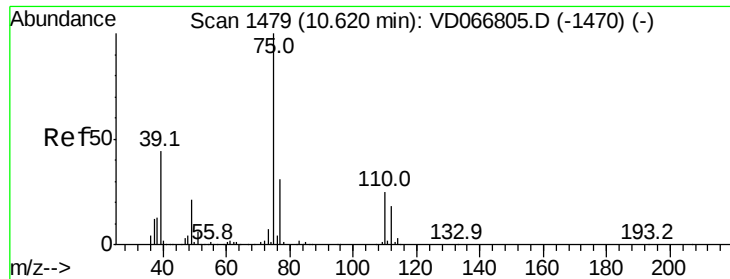
Tot Ion: 43 Resp: 232757
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.2 48.4



#52
 Toluene
 Concen: 20.595 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion: 92 Resp: 233793
 Ion Ratio Lower Upper
 92 100
 91 168.7 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 19.955 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

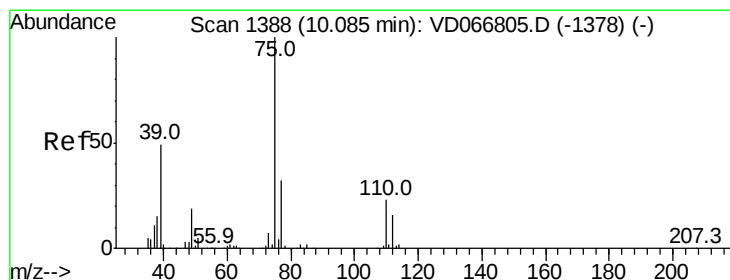
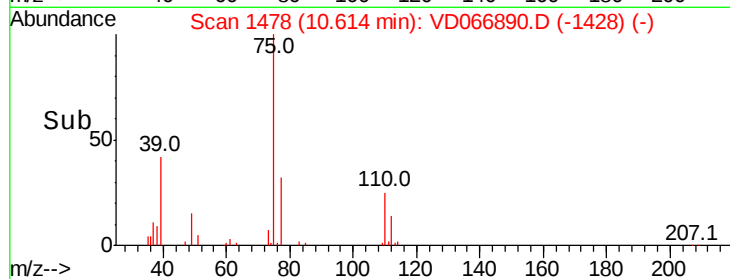
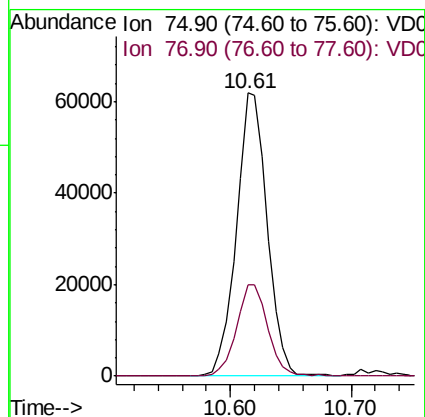
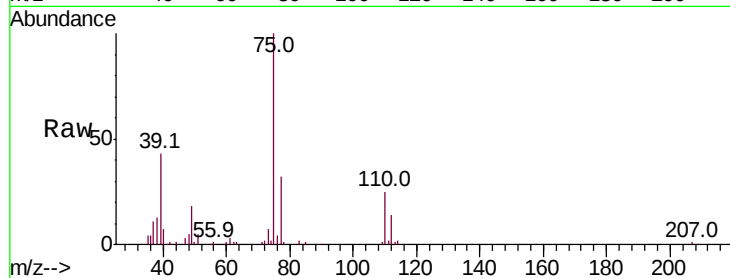
VD0925SBSD02

Tot Ion: 75 Resp: 109921

Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.636 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

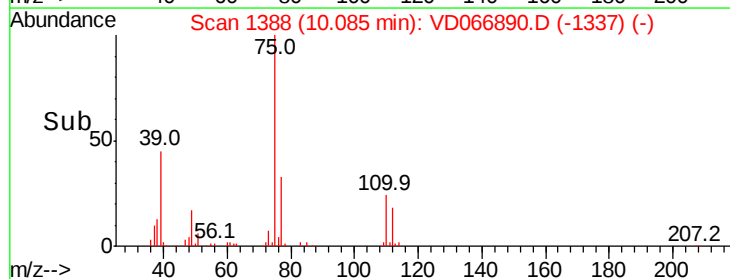
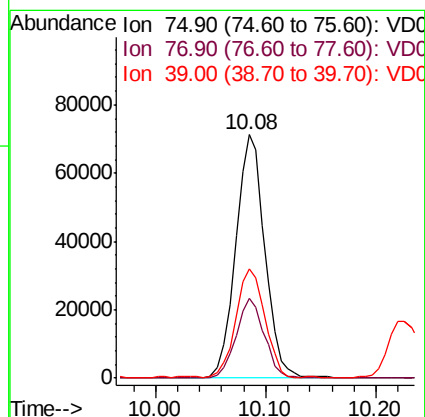
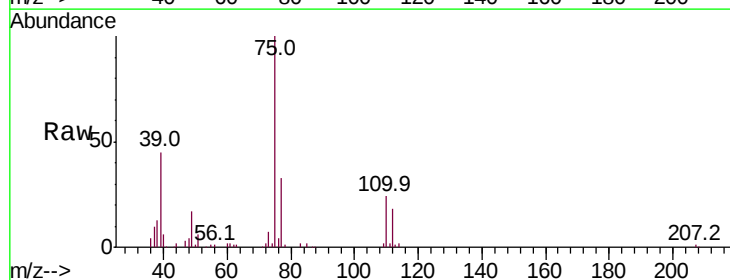
Tgt Ion: 75 Resp: 131887

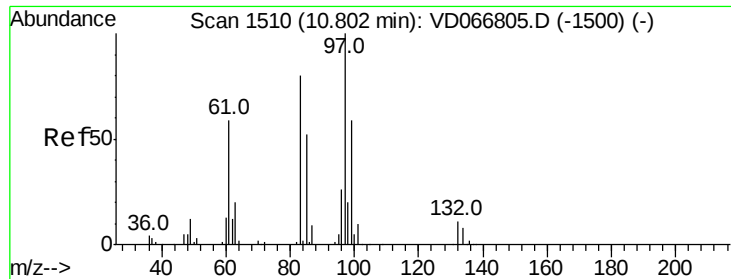
Ion Ratio Lower Upper

75 100

77 32.6 25.6 38.4

39 44.3 39.2 58.8

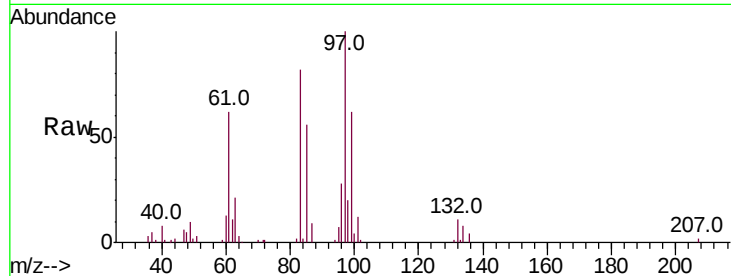




#55
 1,1,2-Trichloroethane
 Concen: 20.118 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD02

Tot Ion:	97	Resp:	66628
Ion	Ratio	Lower	Upper
97	100		
83	81.9	64.2	96.2
85	55.7	41.9	62.9
99	61.8	47.5	71.3



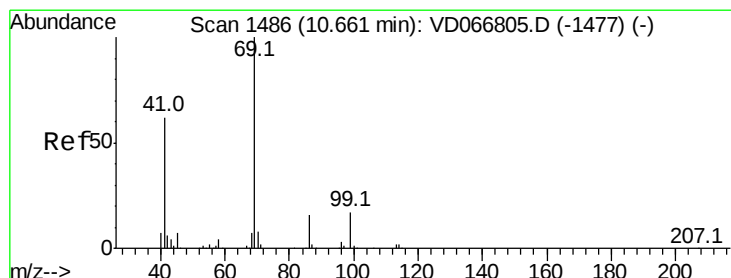
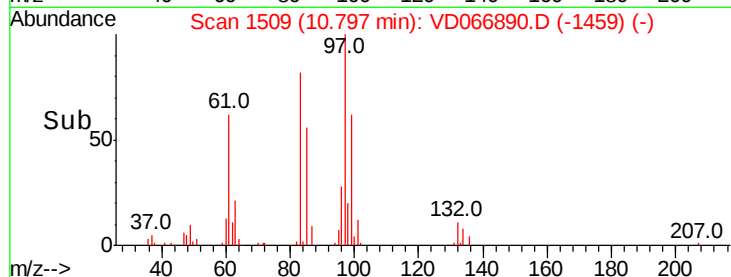
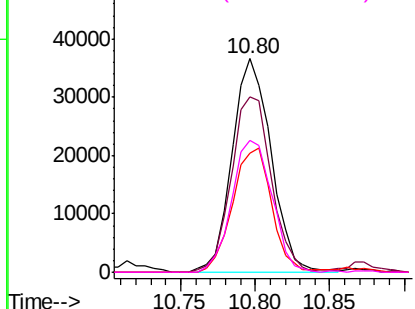
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

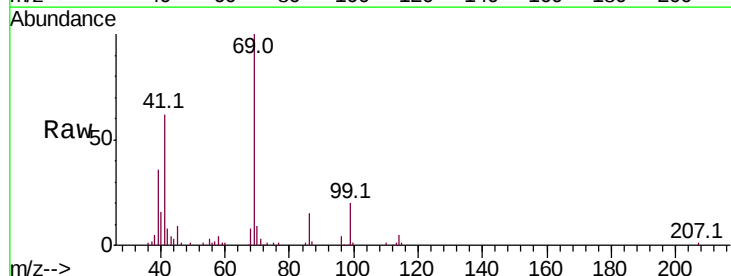
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 20.495 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion:	69	Resp:	72716
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.2	78.2
39	30.9	26.6	40.0

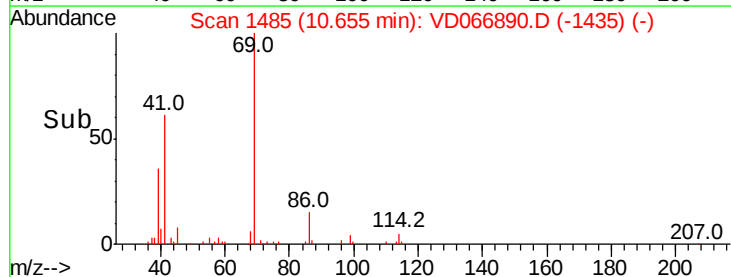
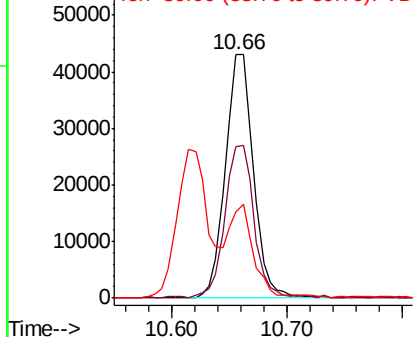


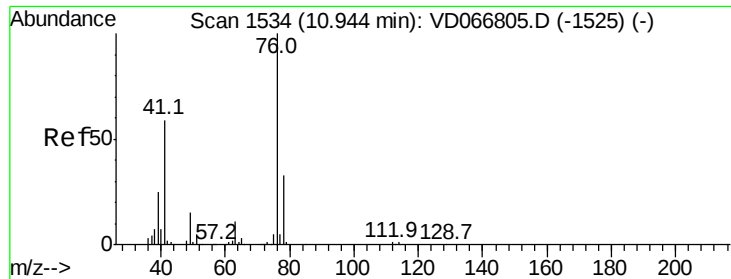
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

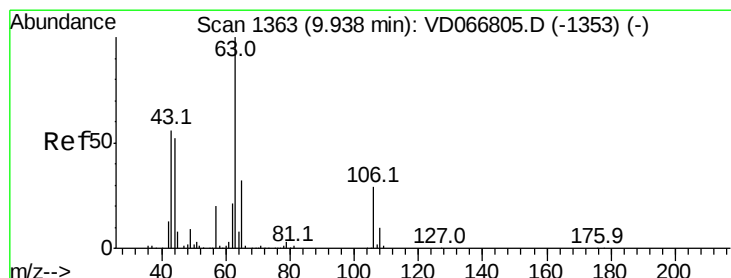
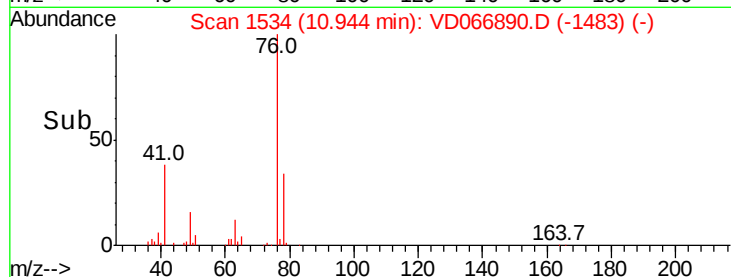
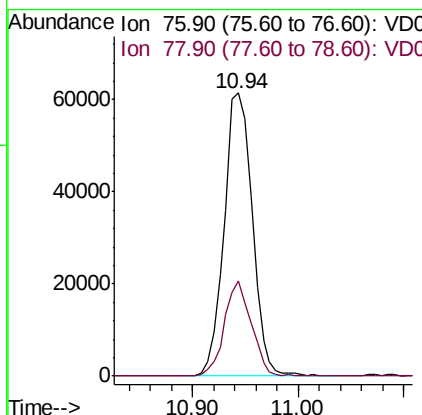
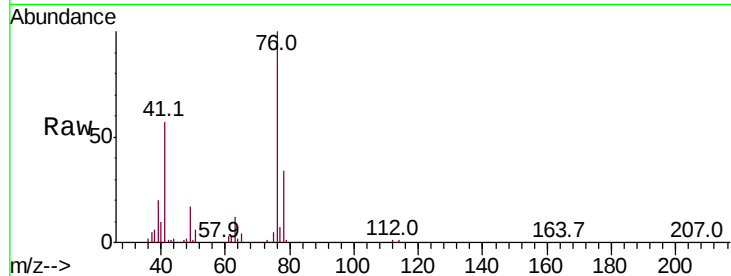




#57
 1,3-Dichloropropane
 Concen: 20.806 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

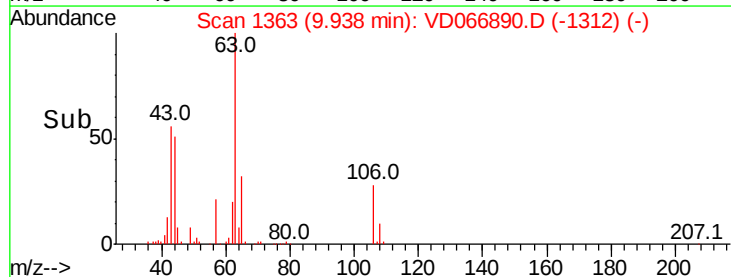
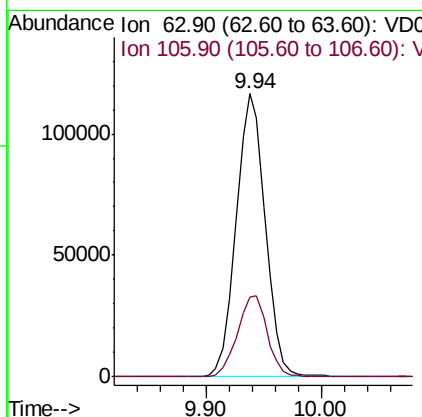
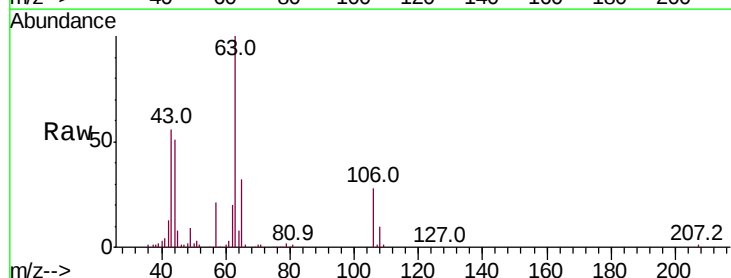
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD02

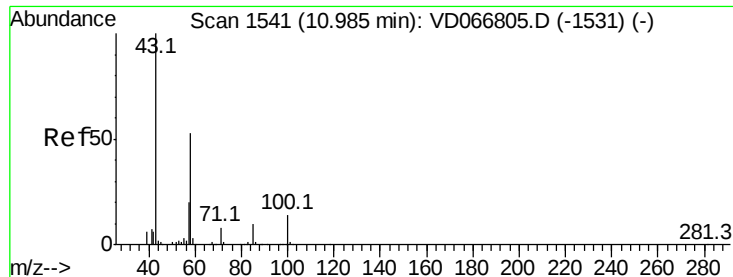
Tot Ion: 76 Resp: 113786
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.785 ug/l
 RT: 9.94 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion: 63 Resp: 202913
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.8 35.6

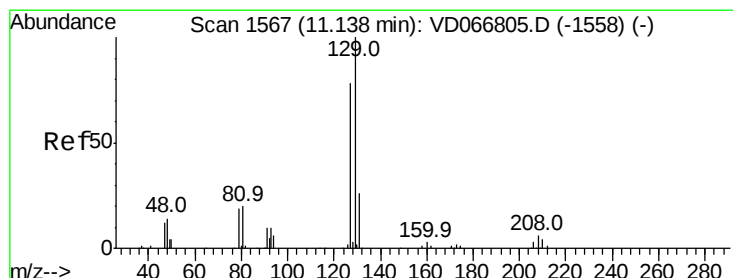
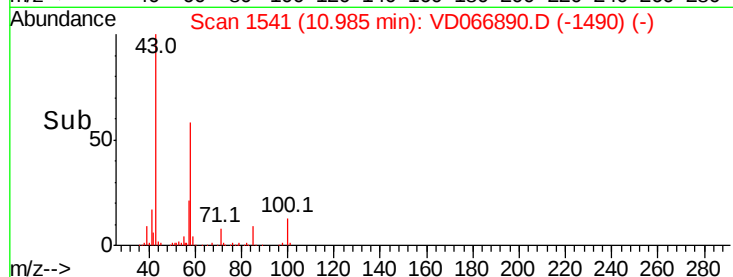
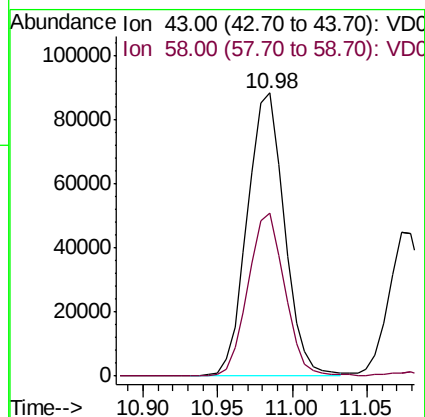
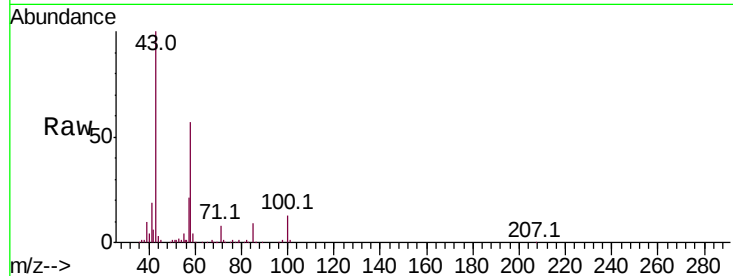




#59
2-Hexanone
Concen: 101.536 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

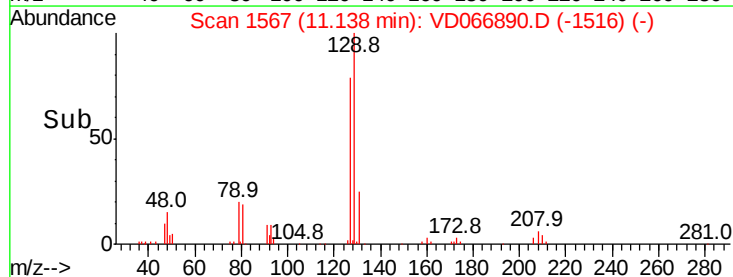
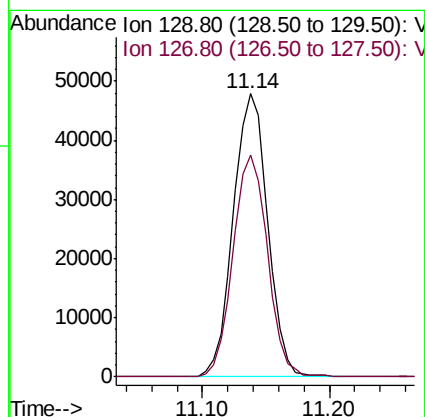
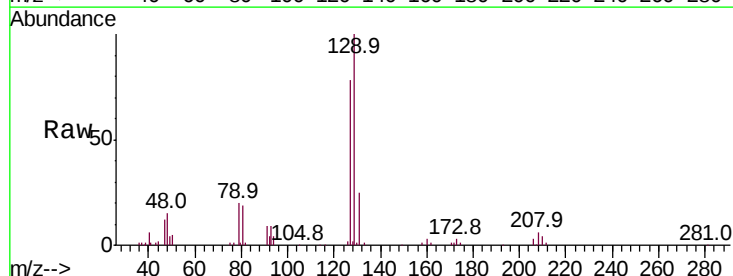
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

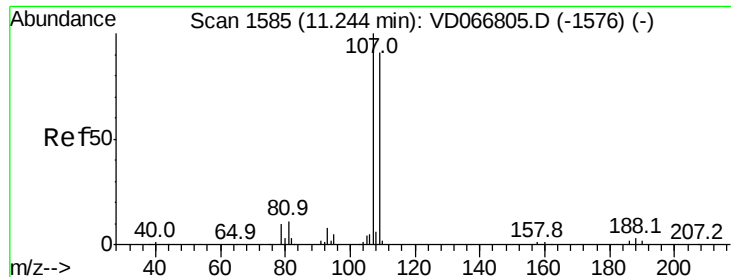
Tot Ion: 43 Resp: 152916
Ion Ratio Lower Upper
43 100
58 56.7 27.0 80.8



#60
Dibromochloromethane
Concen: 20.804 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion: 129 Resp: 89926
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0

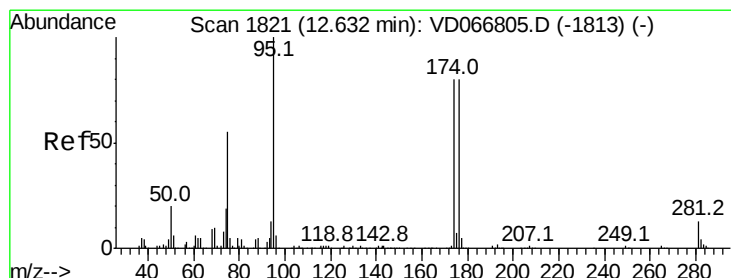
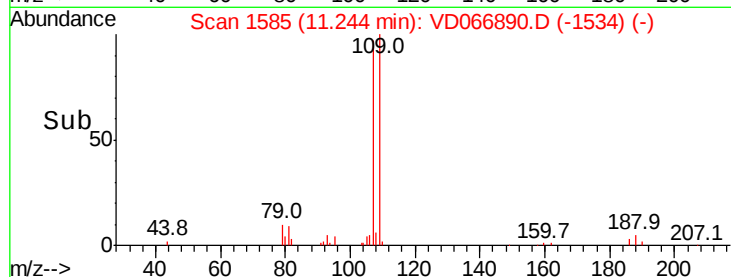
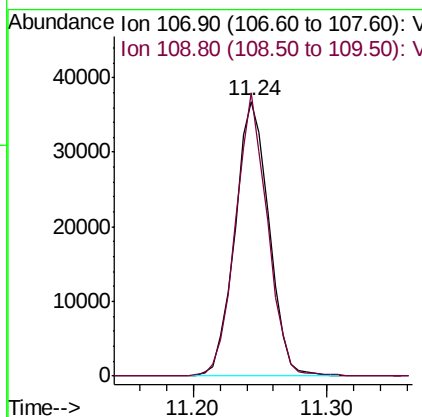
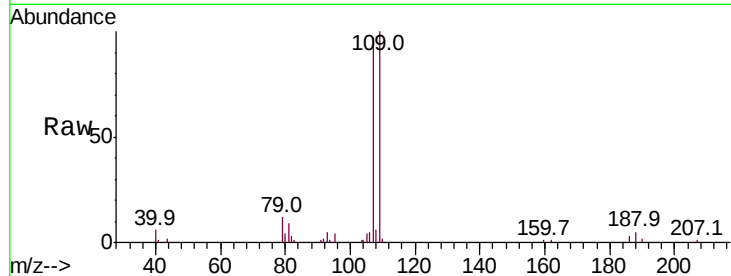




#61
 1,2-Dibromoethane
 Concen: 21.011 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

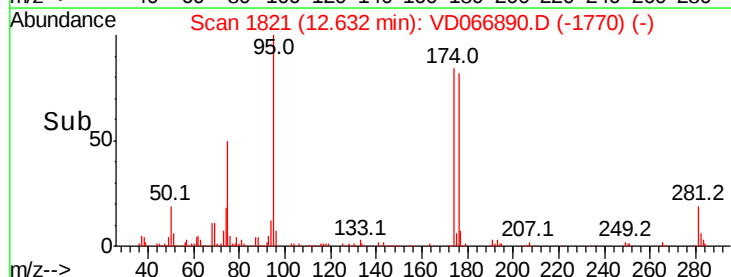
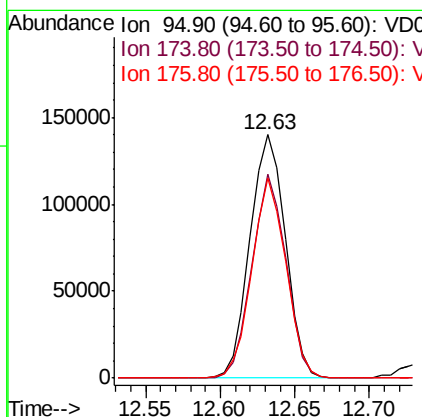
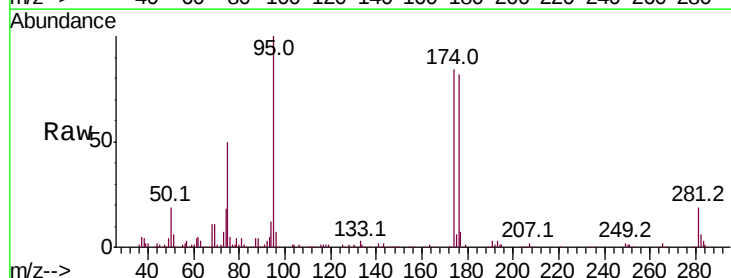
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD02

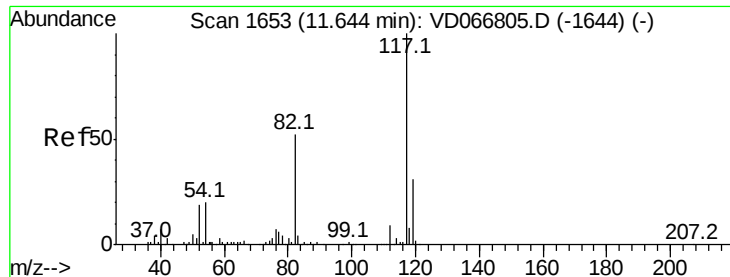
Tot Ion:107 Resp: 64725
 Ion Ratio Lower Upper
 107 100
 109 97.3 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 48.648 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion: 95 Resp: 230100
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 159.8
 176 79.0 0.0 154.4

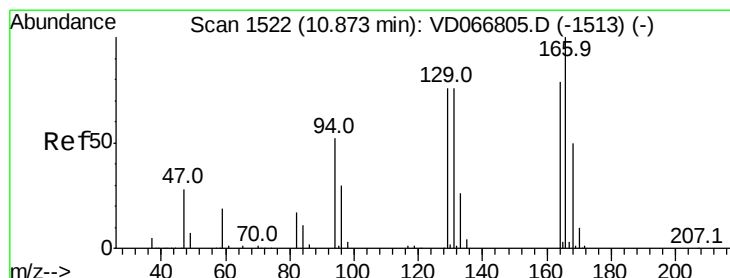
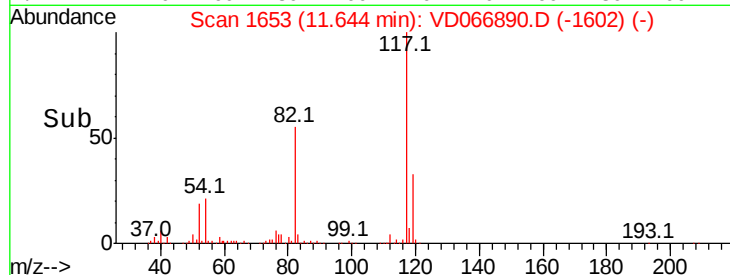
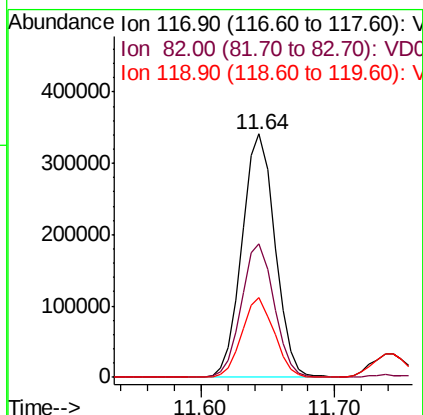
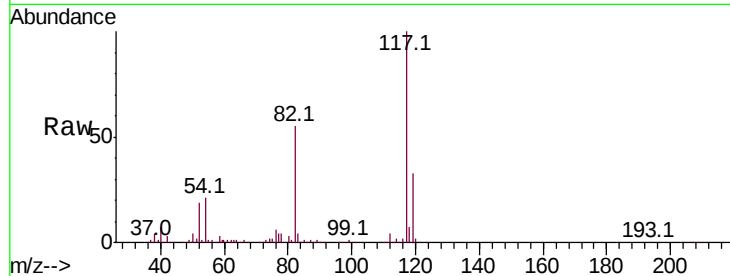




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

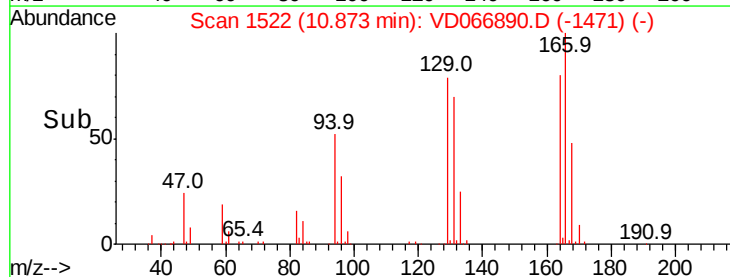
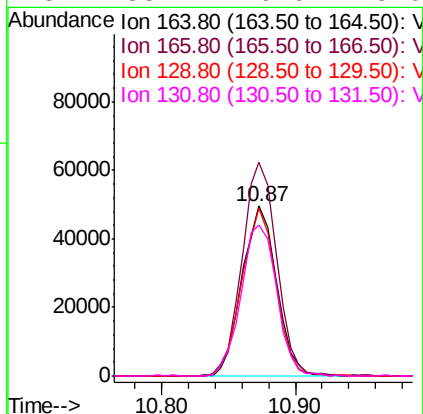
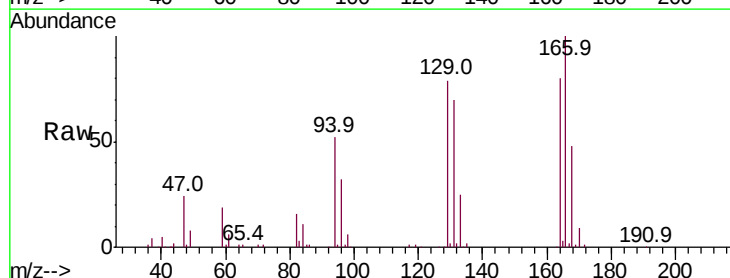
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

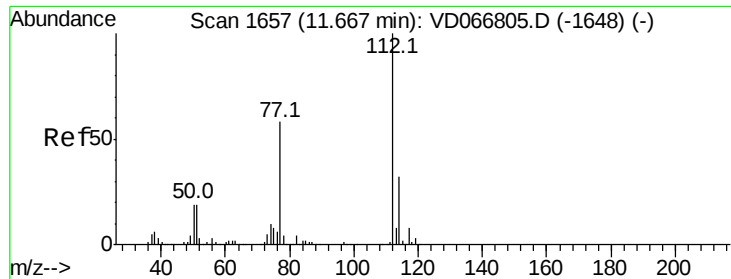
Tot Ion:117 Resp: 584532
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.6
119 33.0 24.6 37.0



#64
Tetrachloroethene
Concen: 21.088 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion:164 Resp: 88666
Ion Ratio Lower Upper
164 100
166 125.5 101.1 151.7
129 98.6 77.0 115.4
131 88.4 76.6 115.0

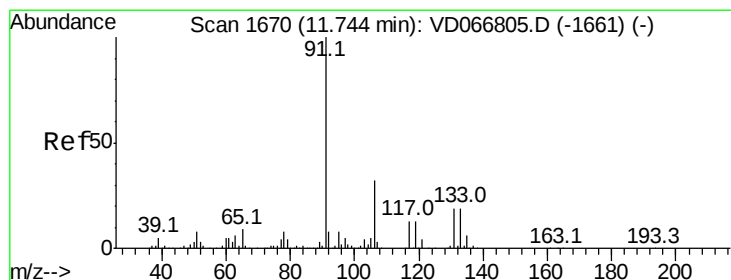
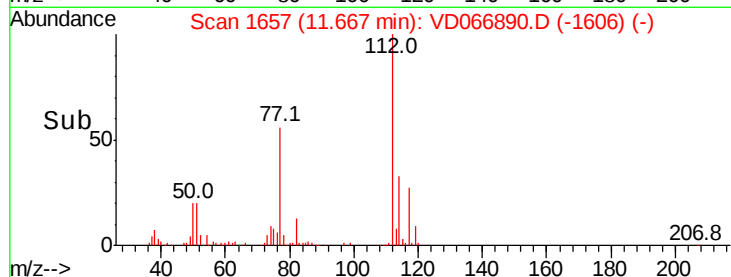
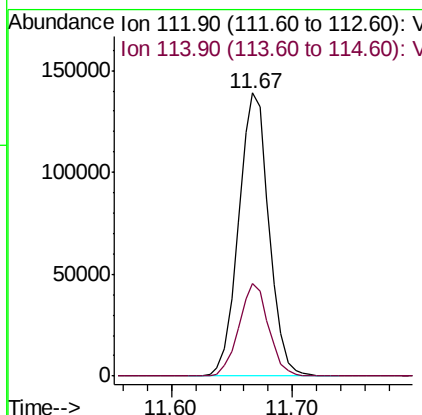
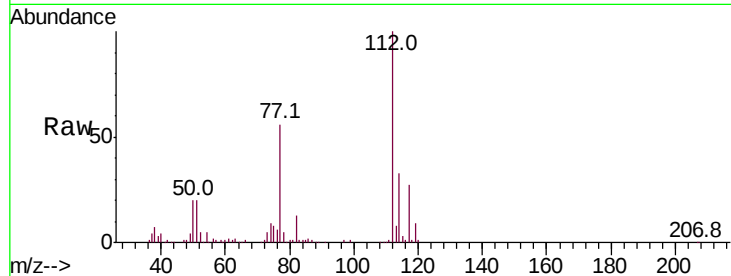




#65
Chlorobenzene
Concen: 19.931 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

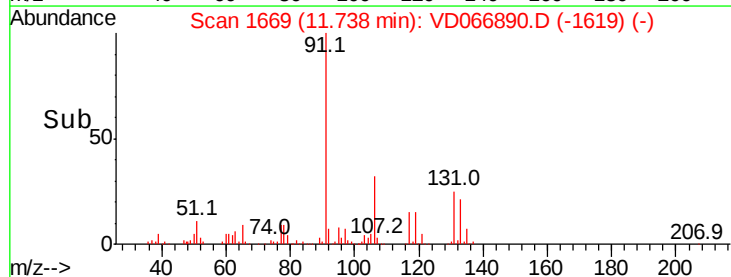
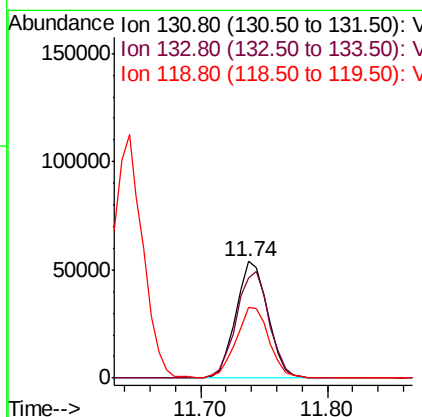
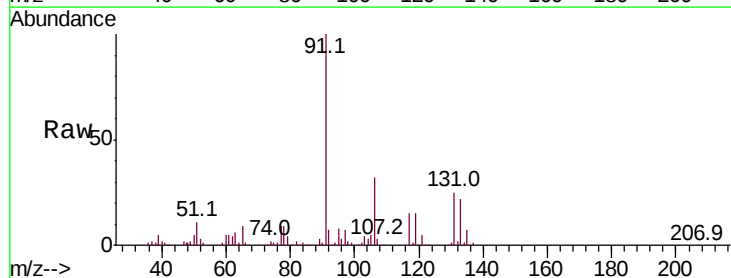
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

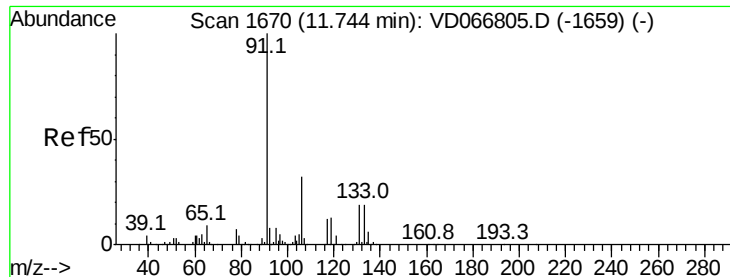
Tot Ion:112 Resp: 242505
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.432 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion:131 Resp: 94092
Ion Ratio Lower Upper
131 100
133 94.5 46.7 140.1
119 63.1 32.3 96.9





#67

Ethyl Benzene

Concen: 19.193 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

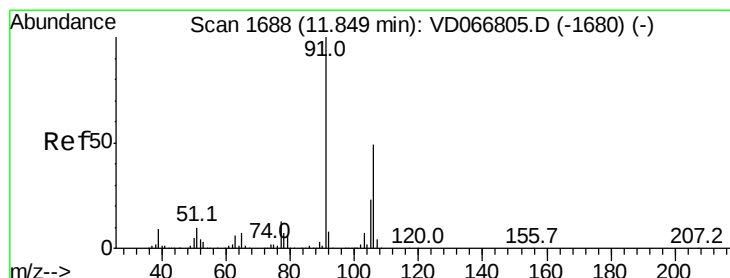
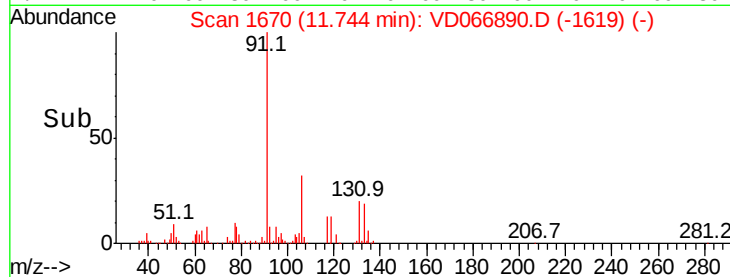
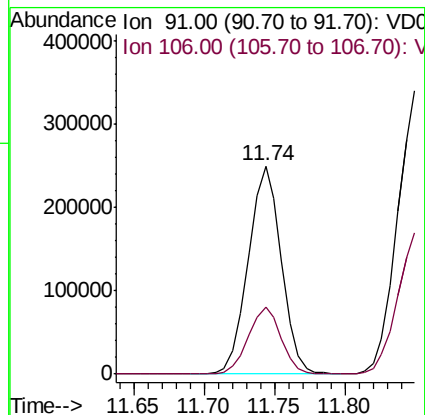
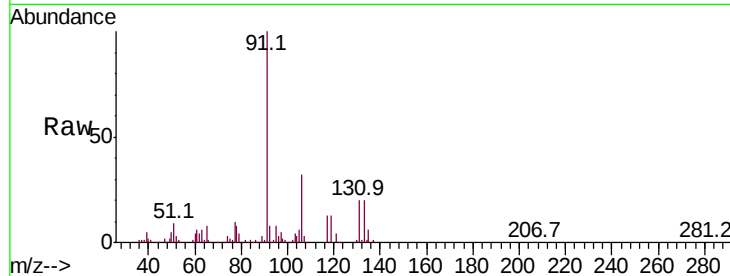
VD0925SBS02

Tot Ion: 91 Resp: 410149

Ion Ratio Lower Upper

91 100

106 32.0 25.6 38.4



#68

m/p-Xylenes

Concen: 40.157 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066890.D

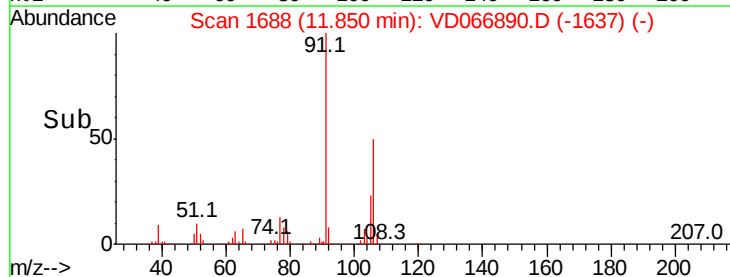
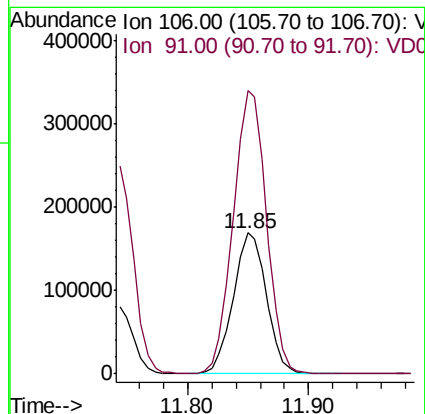
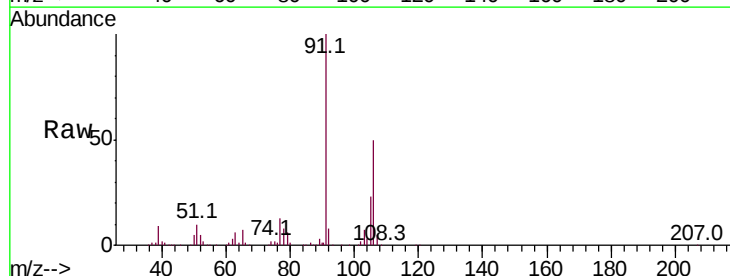
Acq: 26 Sep 2020 00:21

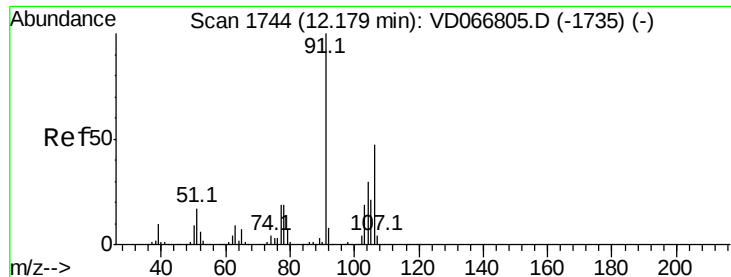
Tgt Ion: 106 Resp: 324904

Ion Ratio Lower Upper

106 100

91 200.8 160.7 241.1

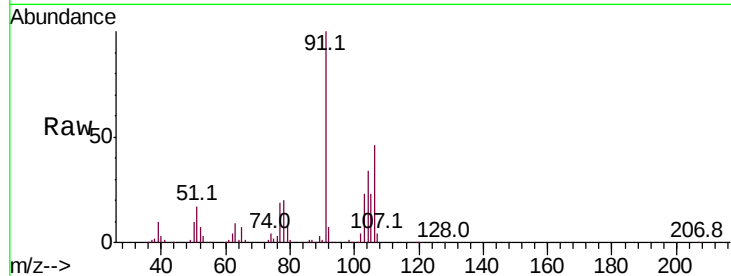




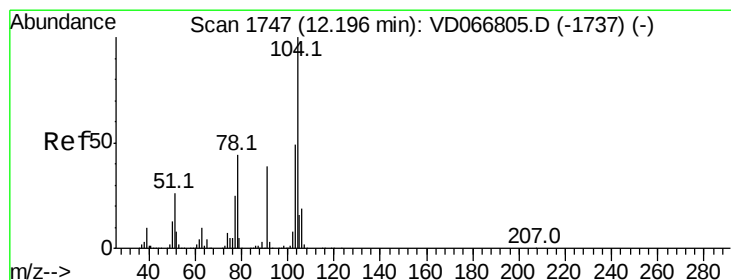
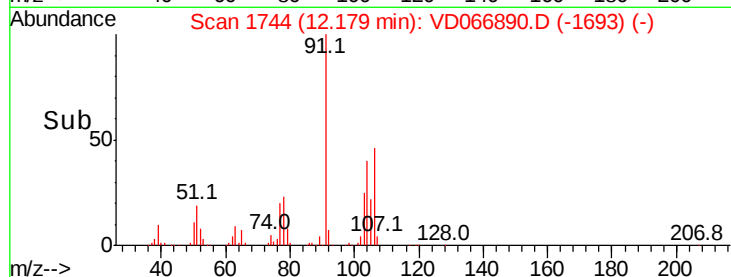
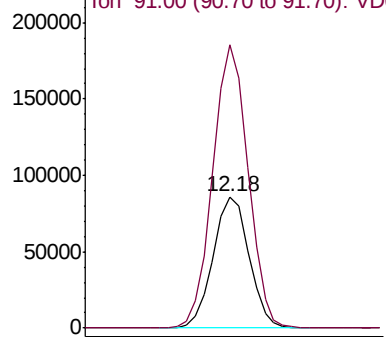
#69
o-Xylene
Concen: 19.667 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

Tot Ion:106 Resp: 143882
Ion Ratio Lower Upper
106 100
91 211.9 106.3 318.8

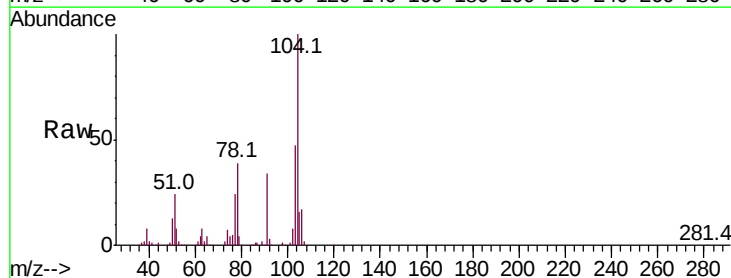


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

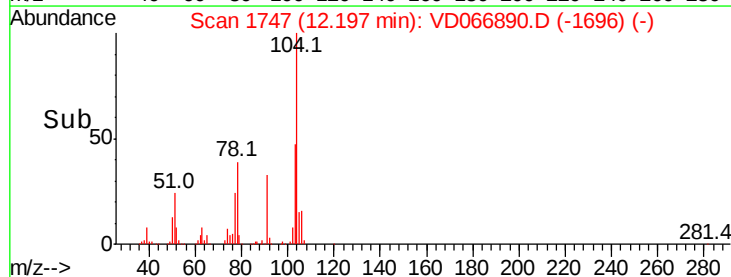
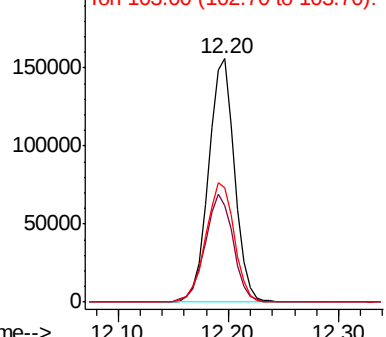


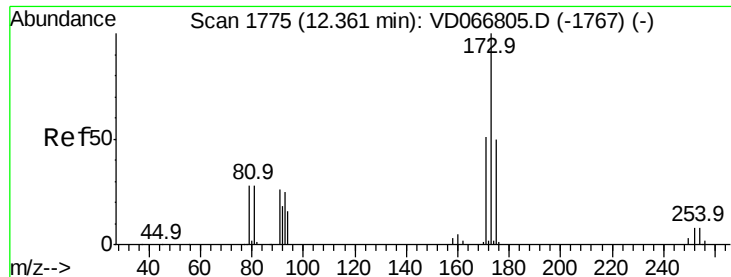
#70
Styrene
Concen: 20.299 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion:104 Resp: 257899
Ion Ratio Lower Upper
104 100
78 47.6 38.9 58.3
103 53.9 43.2 64.8



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





#71

Bromoform

Concen: 21.432 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD02

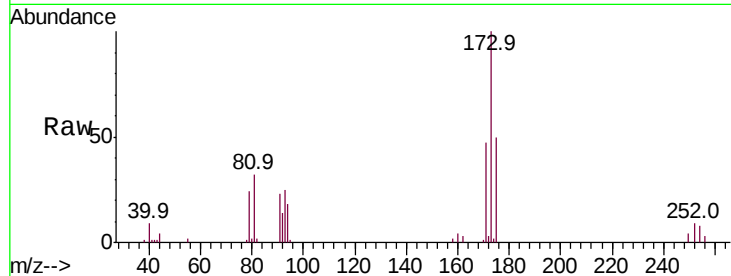
Tot Ion:173 Resp: 49972

Ion Ratio Lower Upper

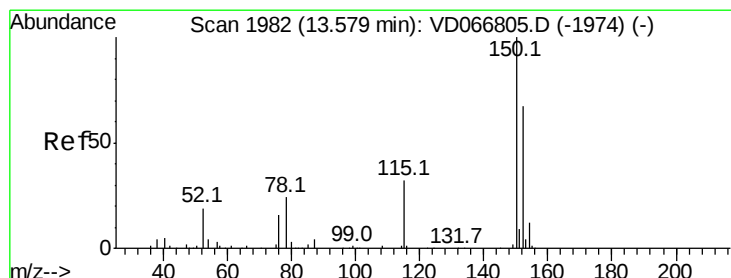
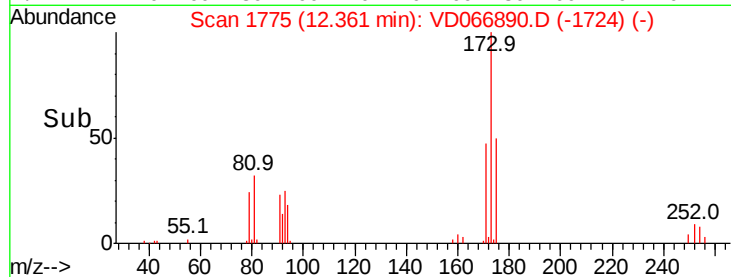
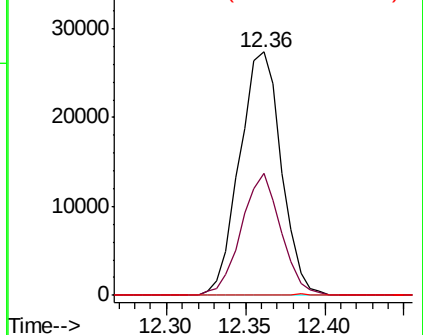
173 100

175 47.4 24.9 74.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

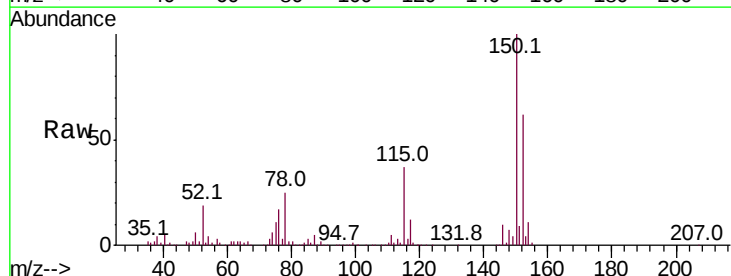
Tgt Ion:152 Resp: 278259

Ion Ratio Lower Upper

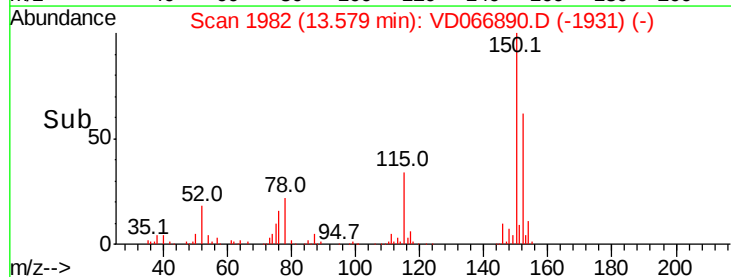
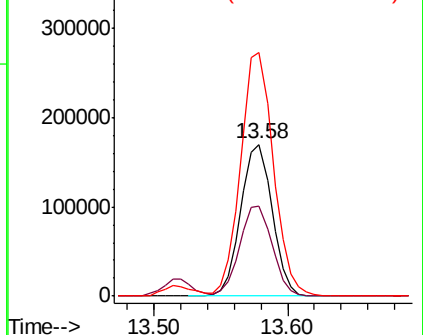
152 100

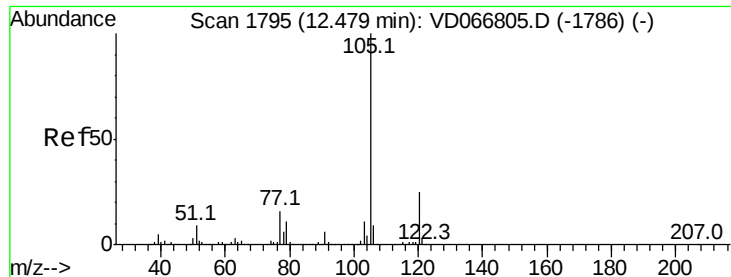
115 61.1 30.3 91.0

150 167.3 0.0 346.2



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: 19.370 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

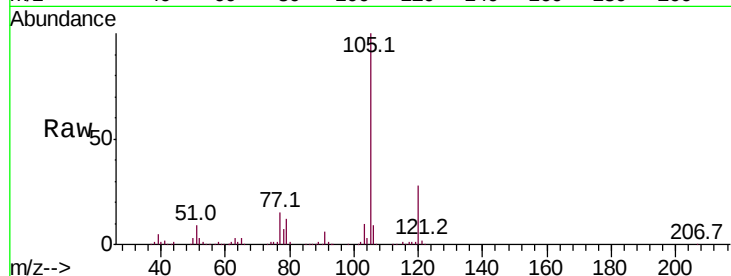
VD0925SBS02

Tot Ion:105 Resp: 389365

Ion Ratio Lower Upper

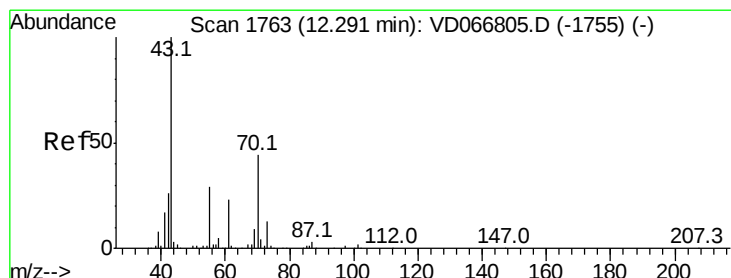
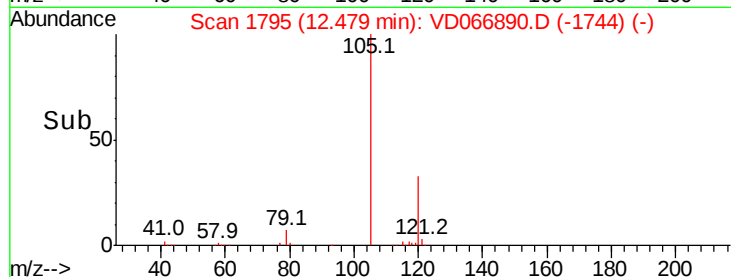
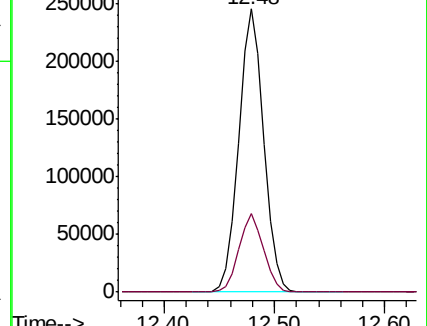
105 100

120 27.1 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.541 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Tgt Ion: 43 Resp: 76708

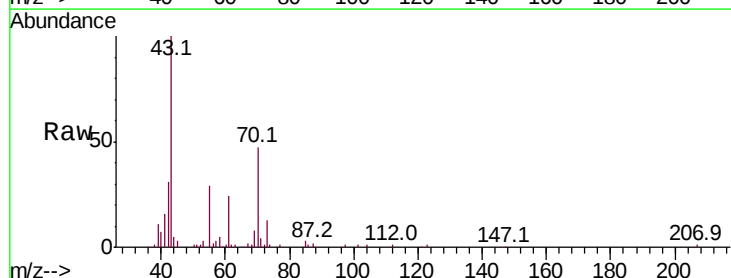
Ion Ratio Lower Upper

43 100

70 48.3 36.1 54.1

55 30.5 21.8 32.8

61 24.7 19.0 28.4

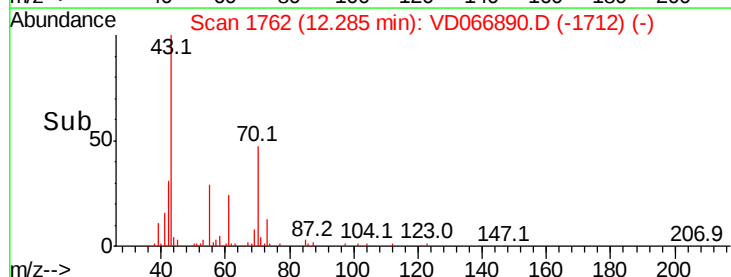
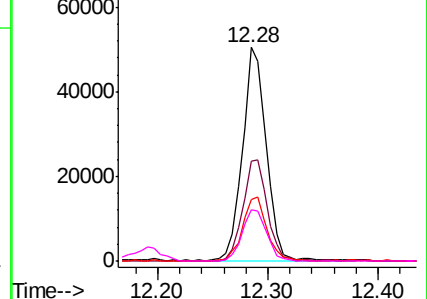


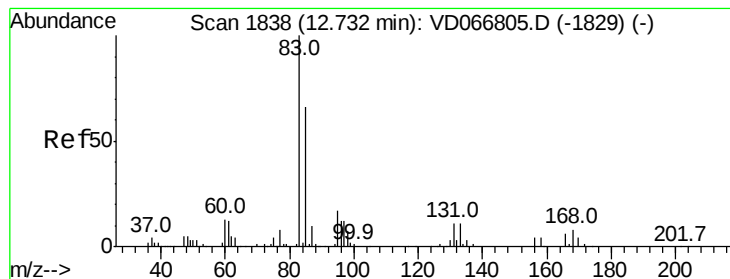
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.369 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD02

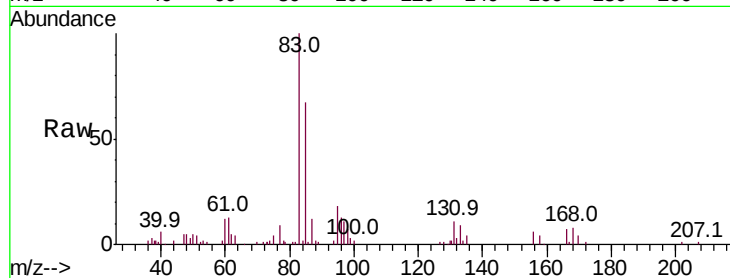
Tot Ion: 83 Resp: 70652

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.7

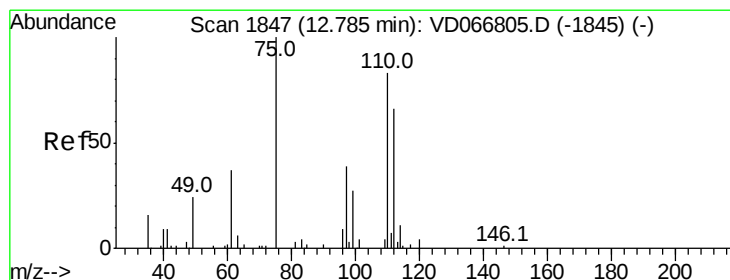
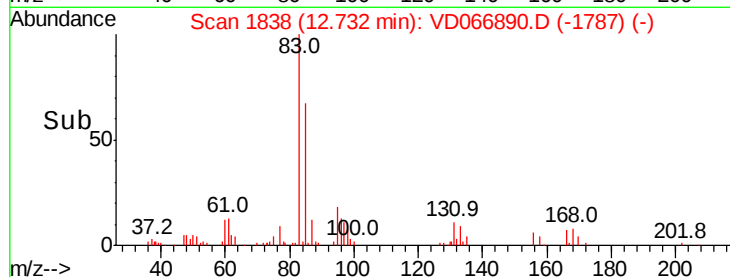
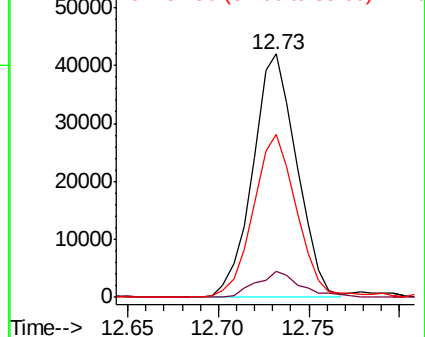
85 66.9 32.1 96.5



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: 40.523 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066890.D

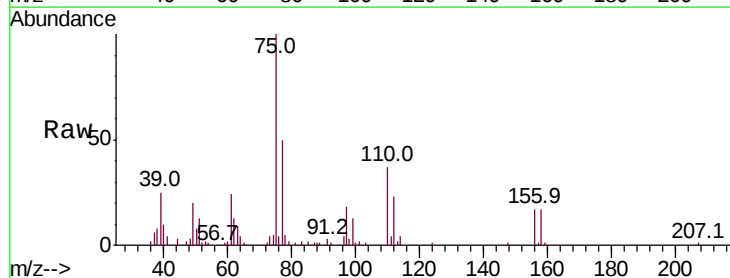
Acq: 26 Sep 2020 00:21

Tgt Ion: 75 Resp: 93445

Ion Ratio Lower Upper

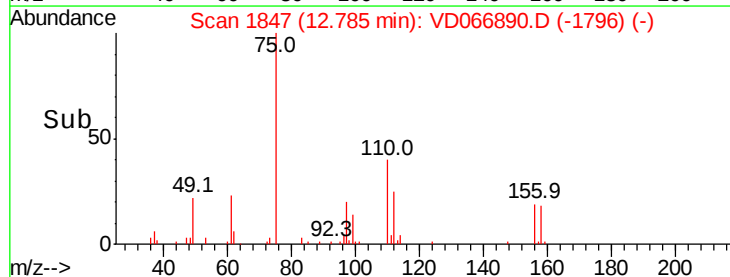
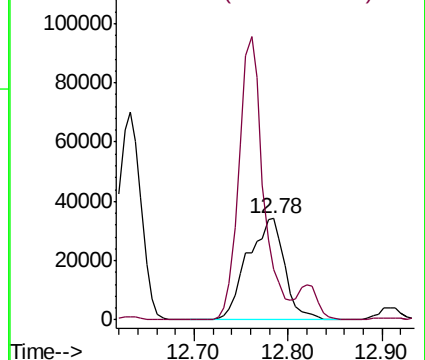
75 100

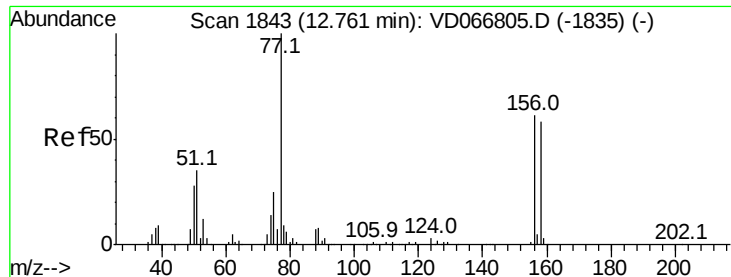
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

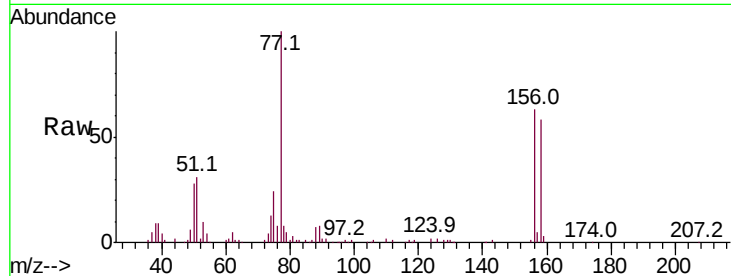




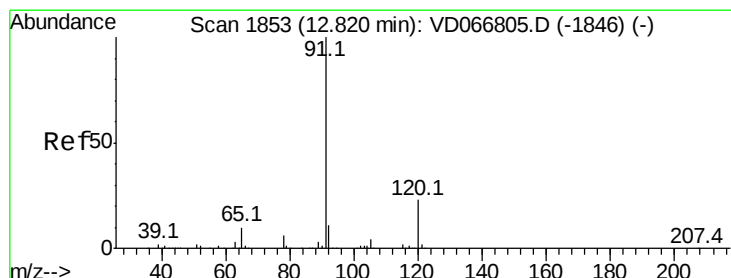
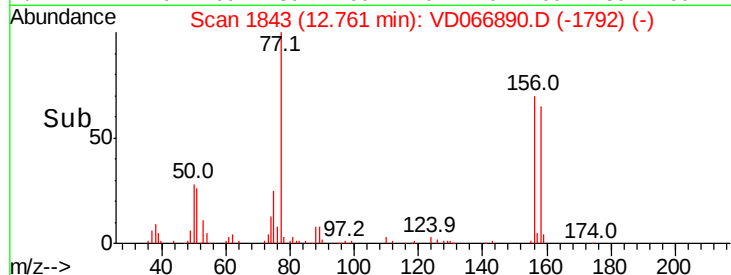
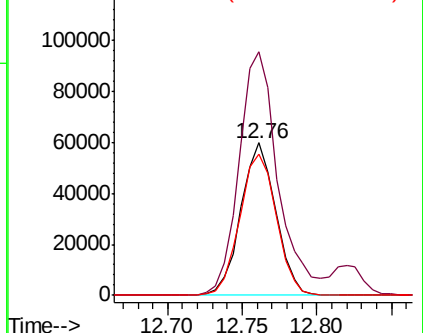
#77
Bromobenzene
Concen: 20.608 ug/l
RT: 12.76 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

Tot Ion:156 Resp: 96882
Ion Ratio Lower Upper
156 100
77 179.0 92.3 276.9
158 96.9 47.6 142.9

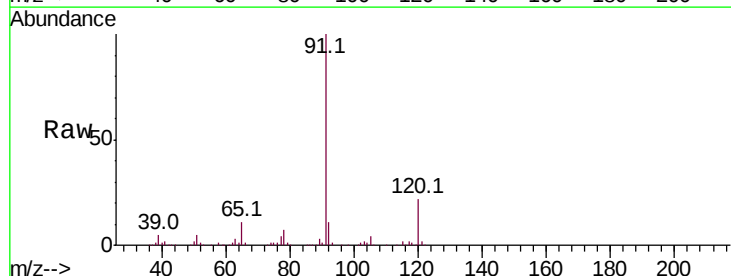


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VDC
Ion 157.80 (157.50 to 158.50): V

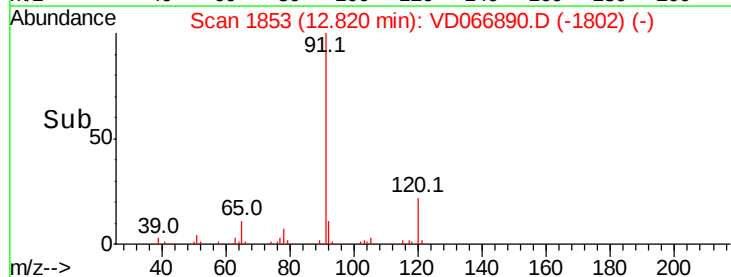
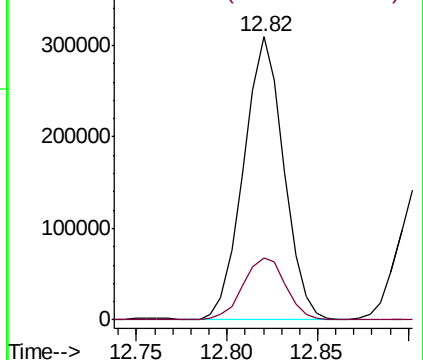


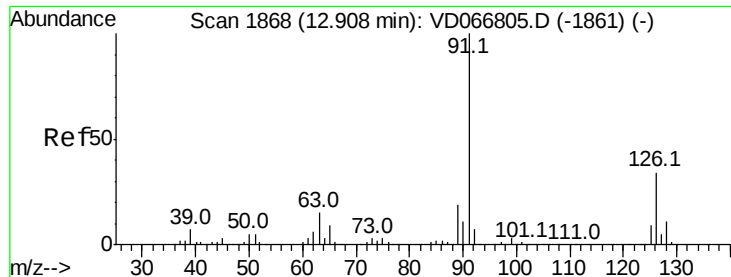
#78
n-propylbenzene
Concen: 19.704 ug/l
RT: 12.82 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion: 91 Resp: 476496
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.517 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

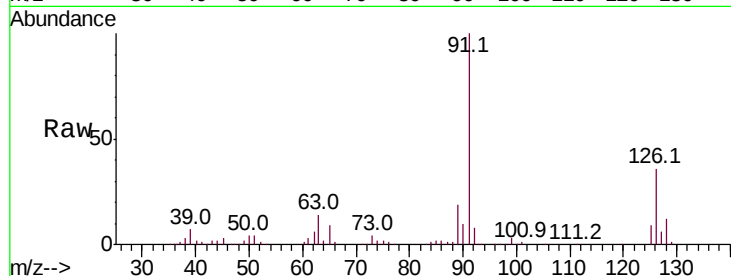
VD0925SBS02

Tot Ion: 91 Resp: 268954

Ion Ratio Lower Upper

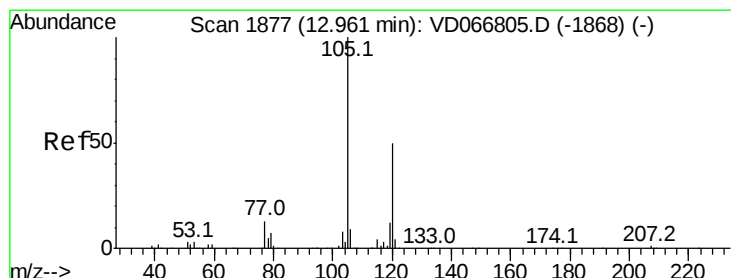
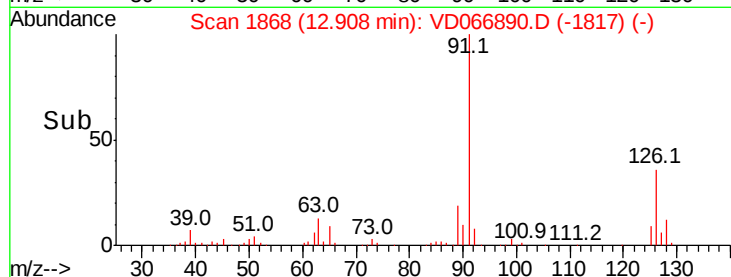
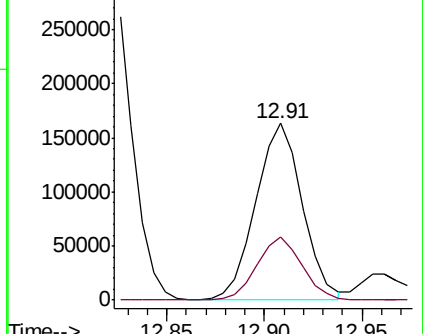
91 100

126 34.8 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VD066805.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066890.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.773 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066890.D

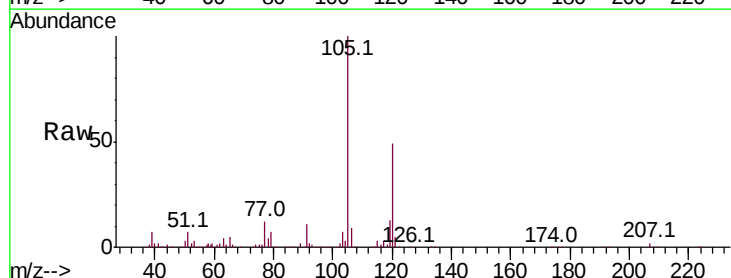
Acq: 26 Sep 2020 00:21

Tgt Ion: 105 Resp: 337253

Ion Ratio Lower Upper

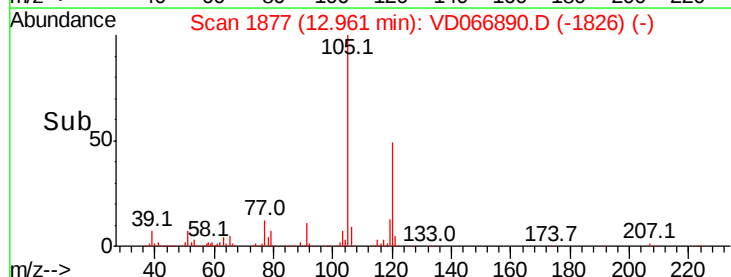
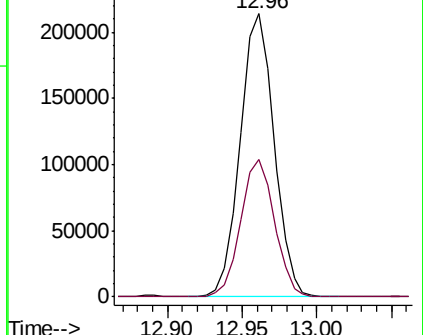
105 100

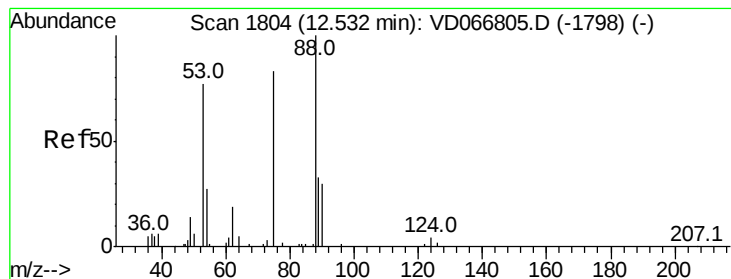
120 48.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066805.D (-1868) (-)

Ion 120.00 (119.70 to 120.70): VD066890.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.318 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBSD02

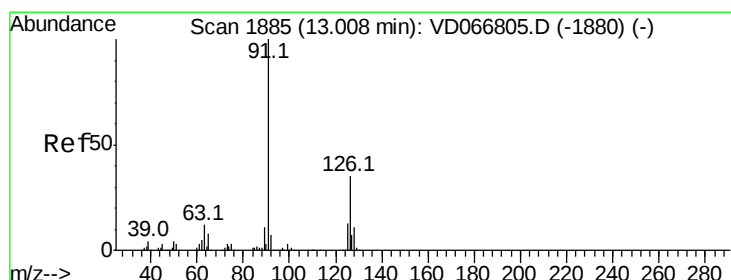
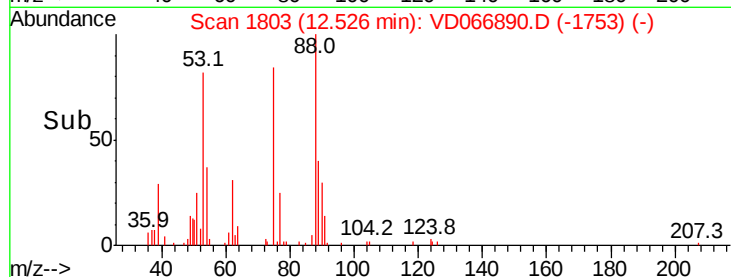
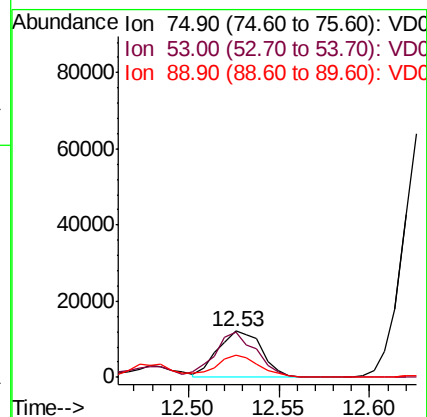
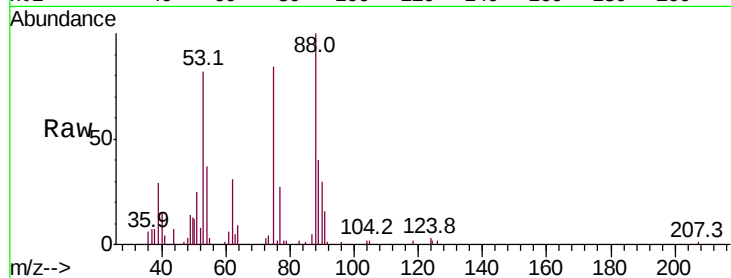
Tot Ion: 75 Resp: 20570

Ion Ratio Lower Upper

75 100

53 92.0 78.5 117.7

89 45.2 38.1 57.1



#82

4-Chlorotoluene

Concen: 20.128 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066890.D

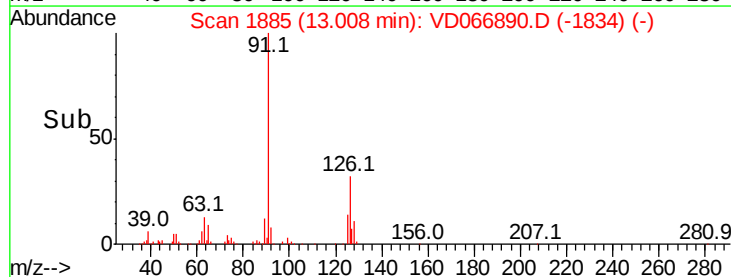
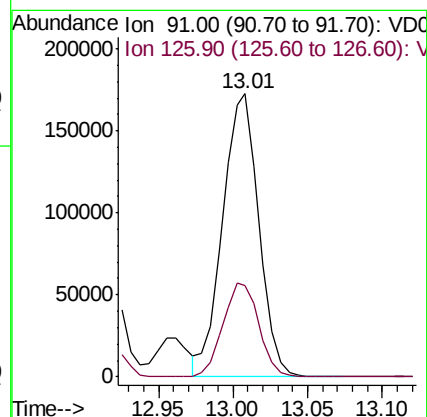
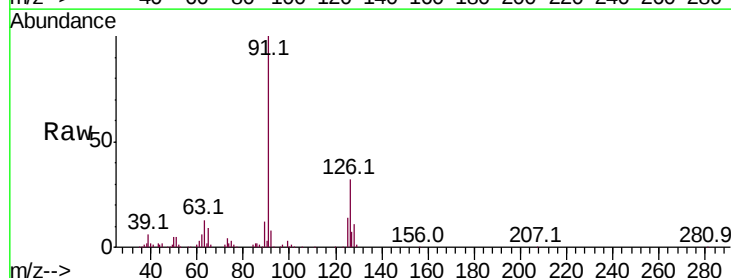
Acq: 26 Sep 2020 00:21

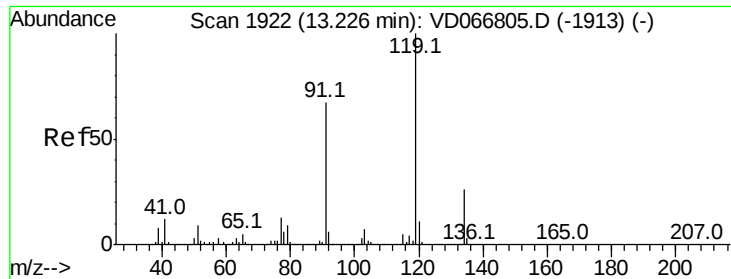
Tgt Ion: 91 Resp: 292398

Ion Ratio Lower Upper

91 100

126 33.1 17.1 51.2

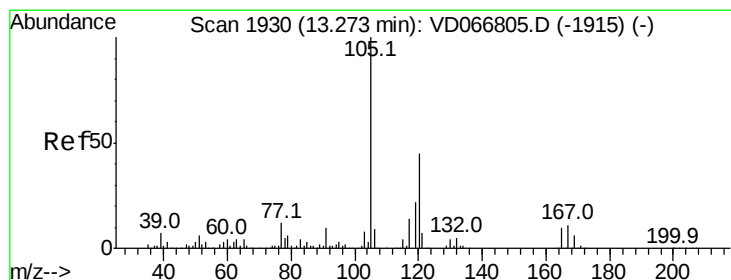
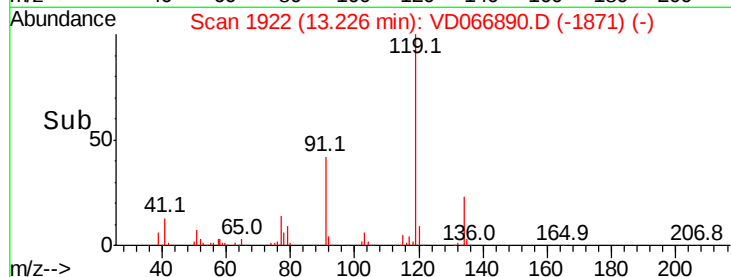
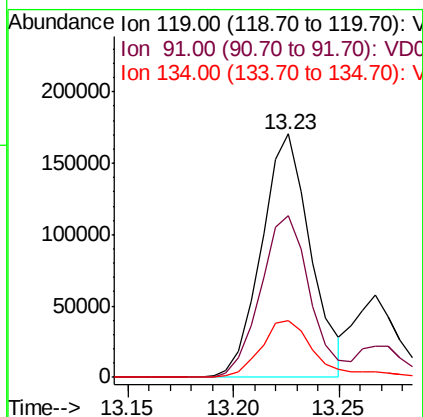
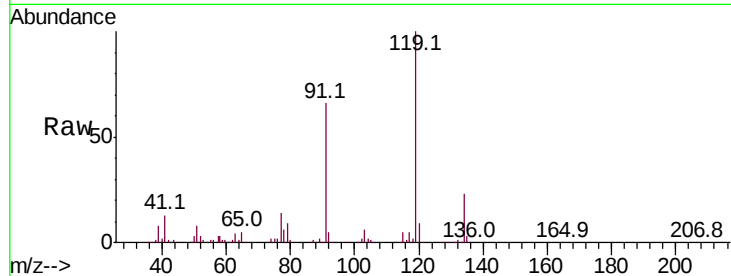




#83
 tert-Butylbenzene
 Concen: 19.697 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

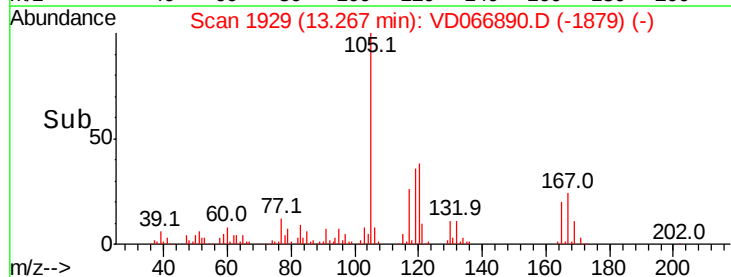
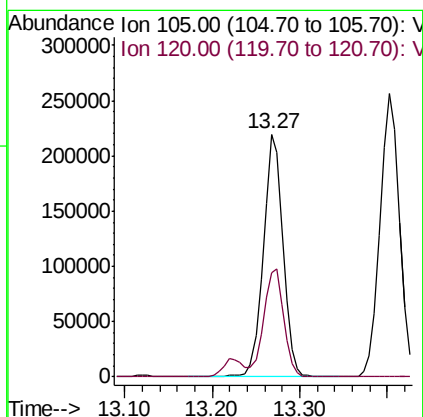
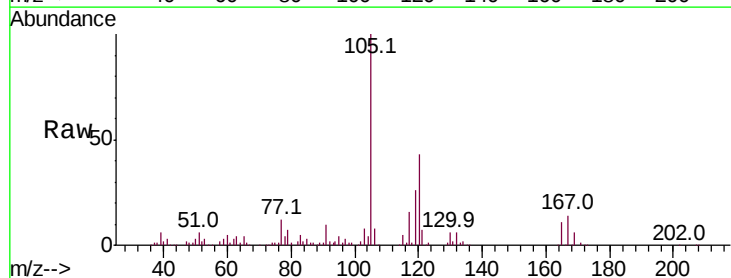
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD02

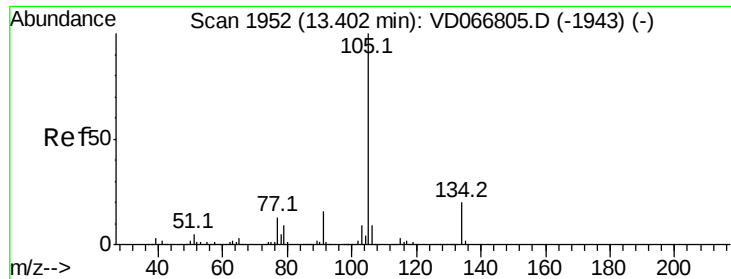
Tot Ion:119 Resp: 276067
 Ion Ratio Lower Upper
 119 100
 91 67.5 33.6 100.8
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.152 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion:105 Resp: 340837
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.728 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :

MSVOA_D

ClientSampleId :

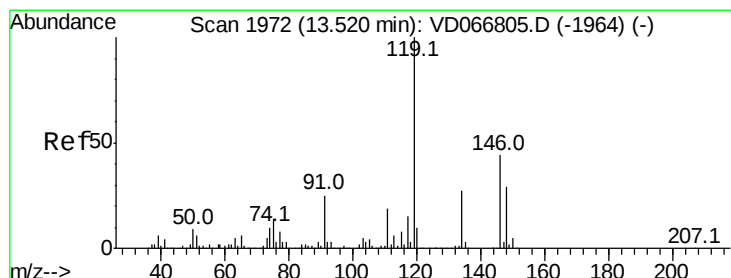
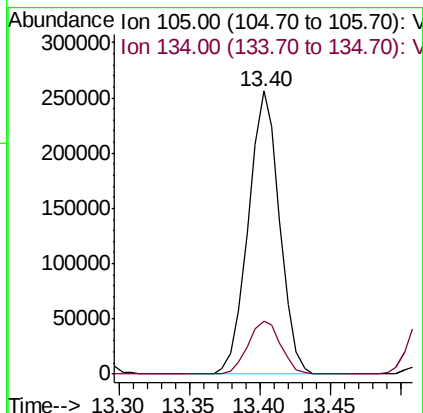
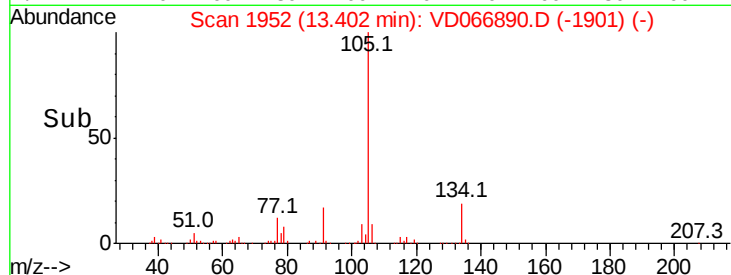
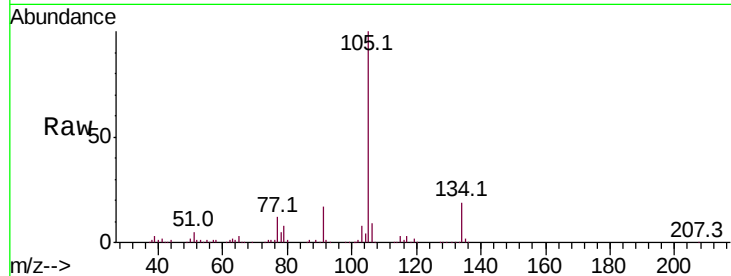
VD0925SBS02

Tot Ion:105 Resp: 397603

Ion Ratio Lower Upper

105 100

134 19.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.737 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

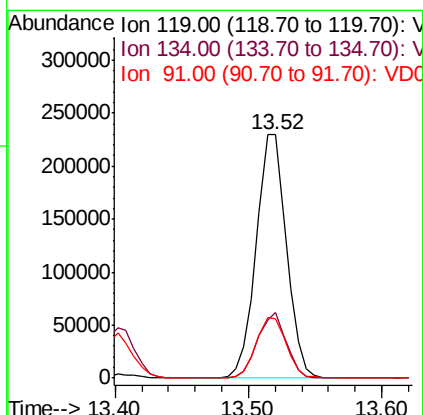
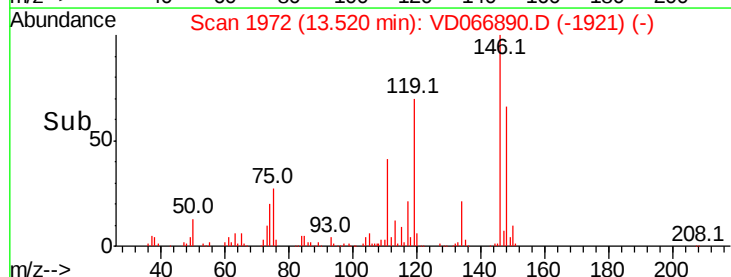
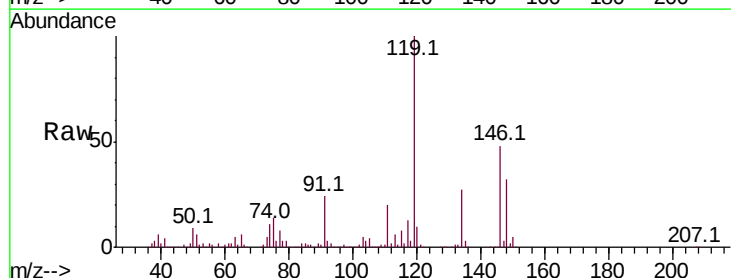
Tgt Ion:119 Resp: 358555

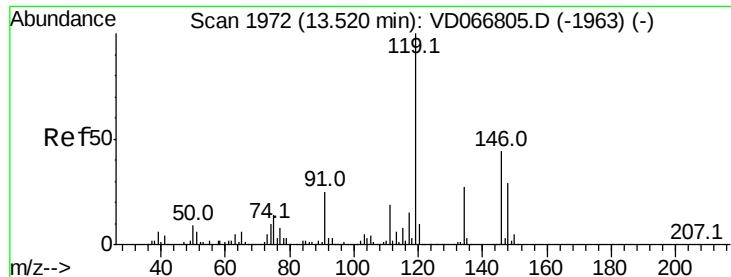
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 24.7 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 19.728 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

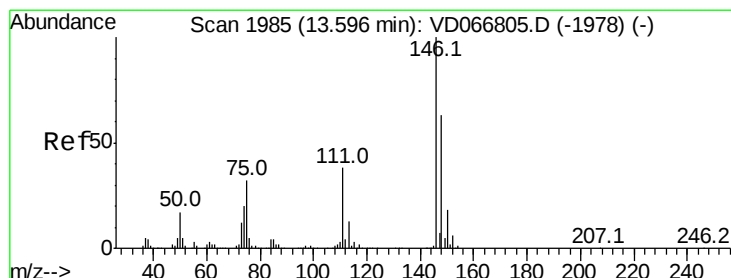
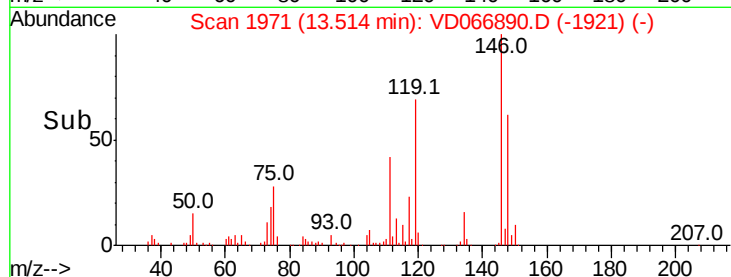
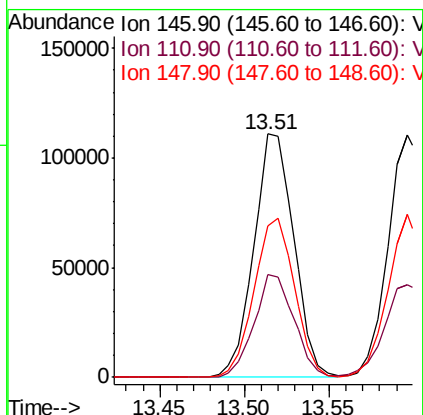
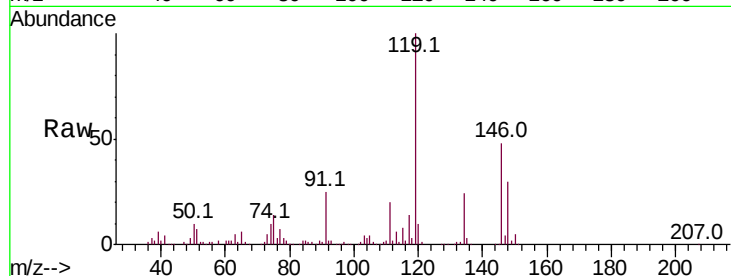
Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

Tot Ion:146 Resp: 183238

Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.9
148	65.9	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 19.659 ug/l

RT: 13.60 min Scan# 1985

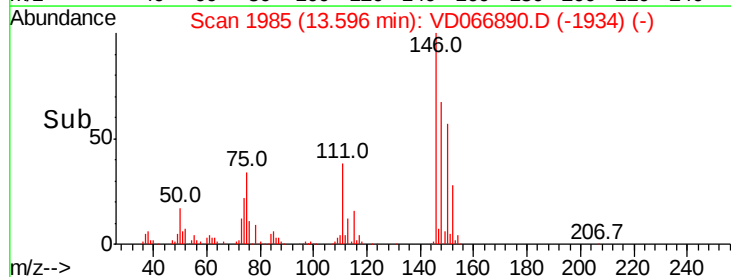
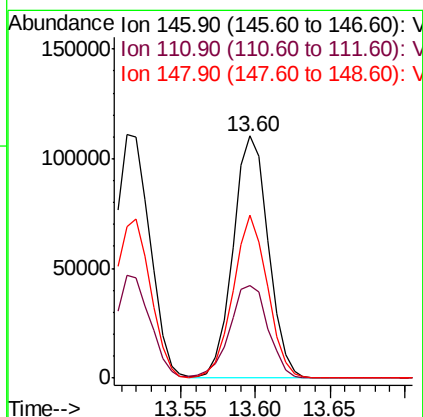
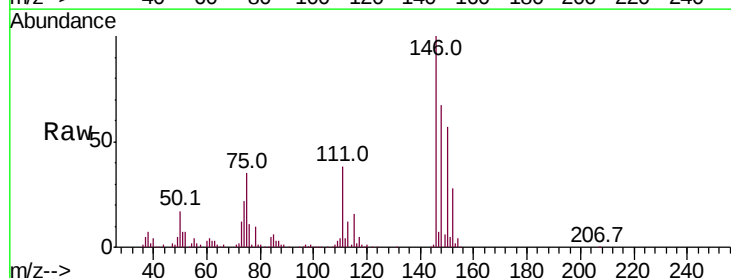
Delta R.T. 0.00 min

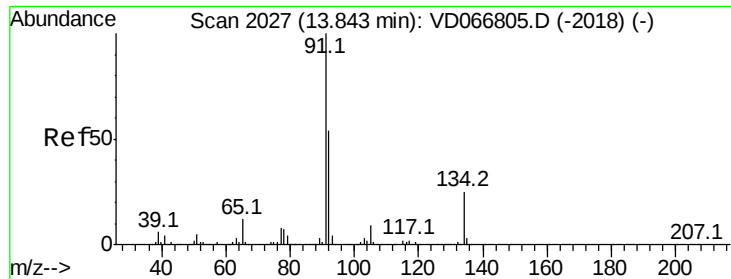
Lab File: VD066890.D

Acq: 26 Sep 2020 00:21

Tgt Ion:146 Resp: 181352

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.2	60.5
148	65.8	31.6	94.7

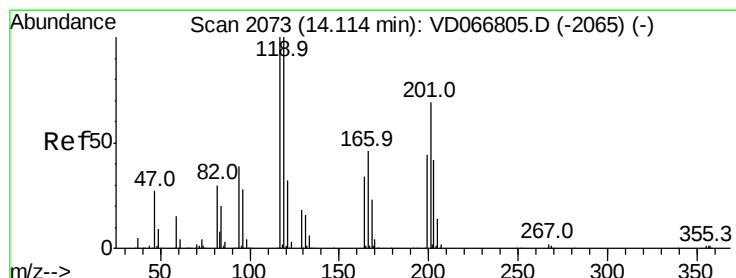
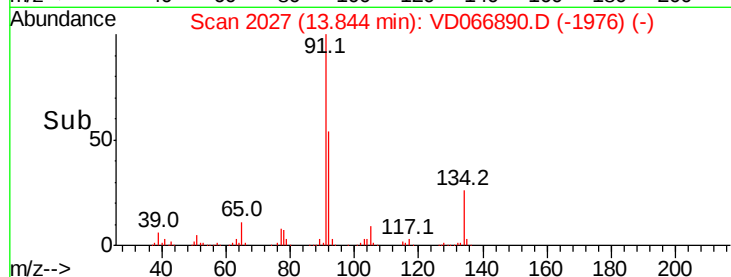
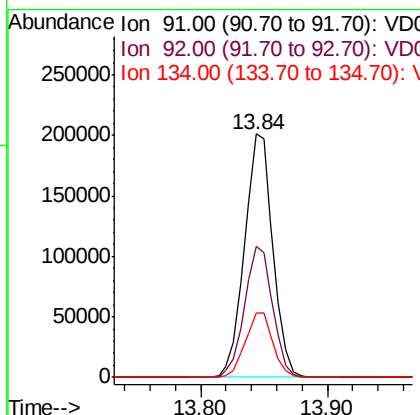
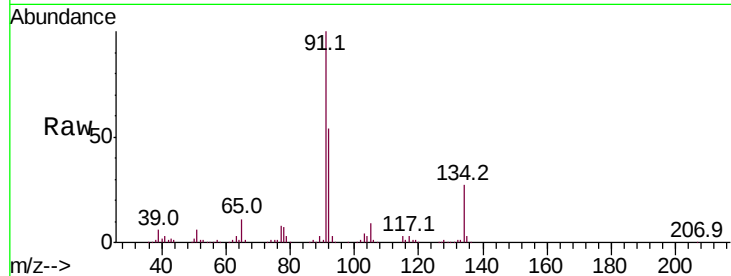




#89
n-Butylbenzene
Concen: 18.038 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

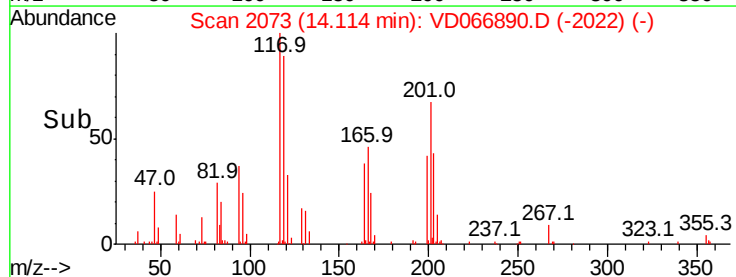
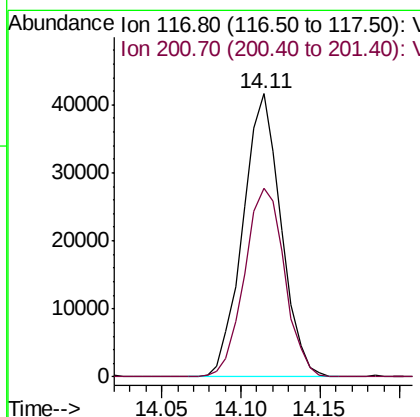
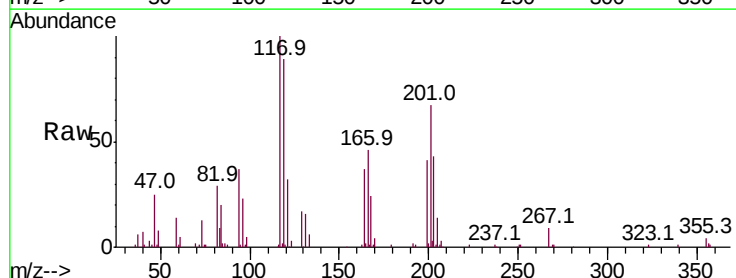
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

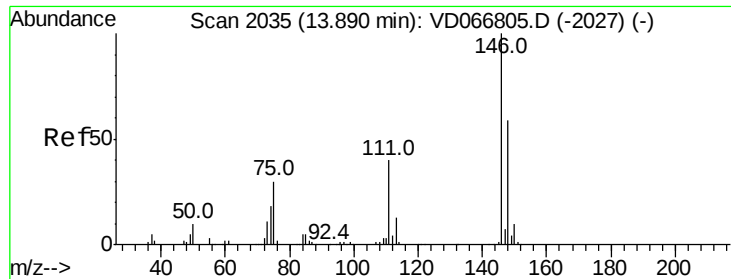
Tot Ion: 91 Resp: 311471
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 26.0 13.1 39.1



#90
Hexachloroethane
Concen: 18.842 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion: 117 Resp: 69494
Ion Ratio Lower Upper
117 100
201 70.1 33.7 101.0

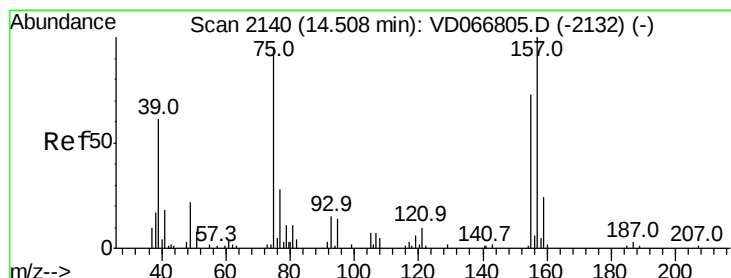
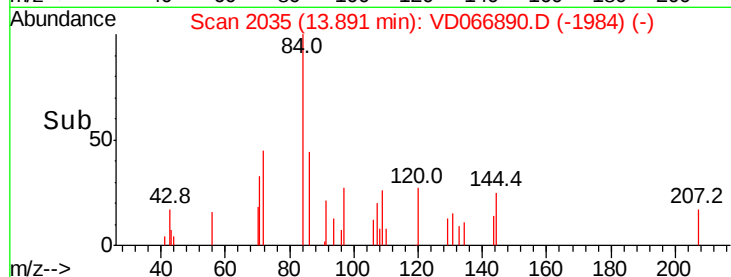
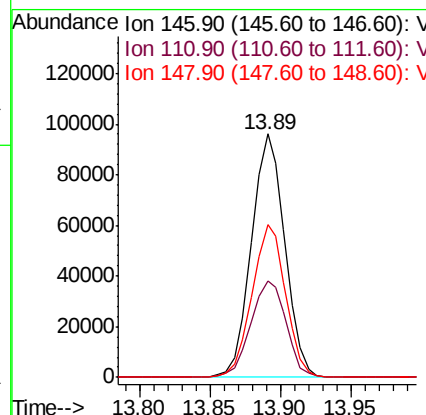
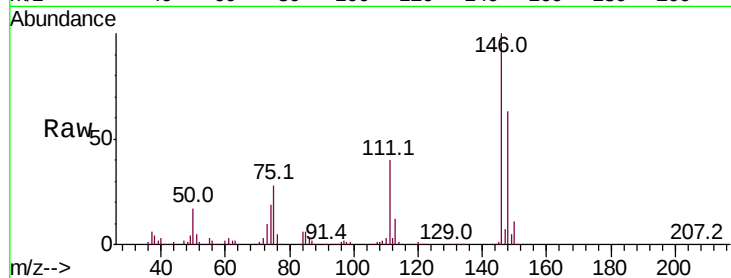




#91
 1,2-Dichlorobenzene
 Concen: 20.064 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

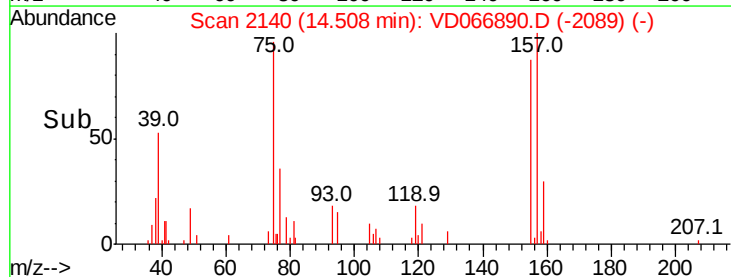
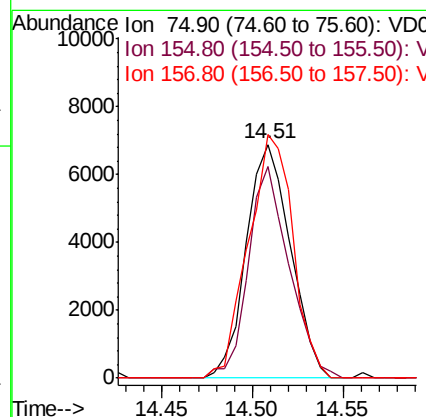
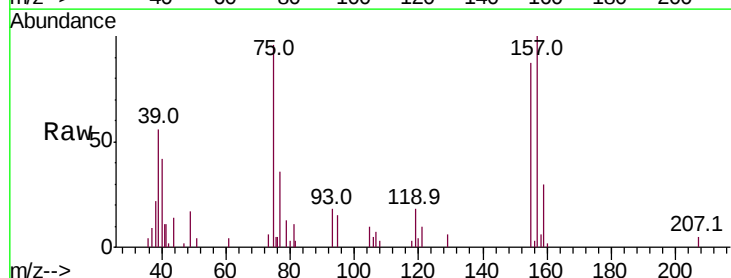
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBSD02

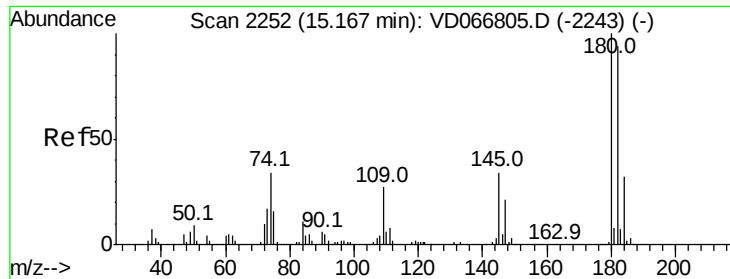
Tot Ion:146 Resp: 159438
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.9 62.7
 148 62.9 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.947 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion: 75 Resp: 11688
 Ion Ratio Lower Upper
 75 100
 155 83.9 40.4 121.2
 157 105.1 51.3 153.9

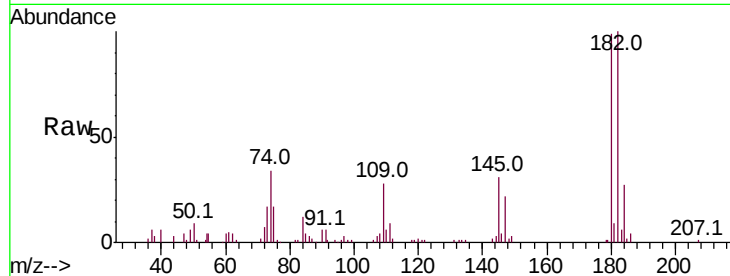




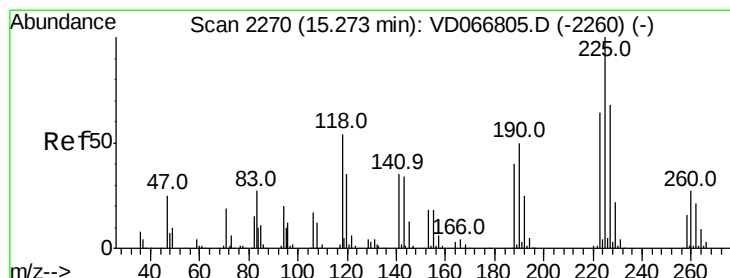
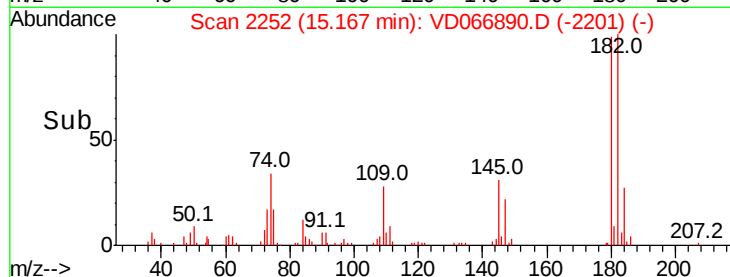
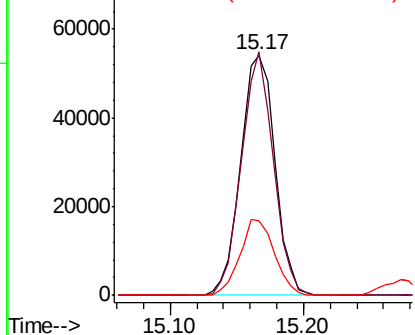
#93
 1,2,4-Trichlorobenzene
 Concen: 19.248 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	48.8	146.3
145	31.4	16.7	50.0

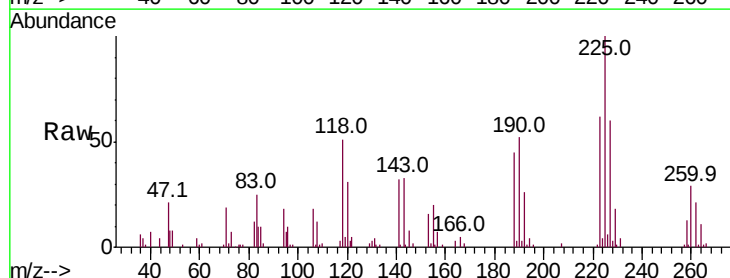


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

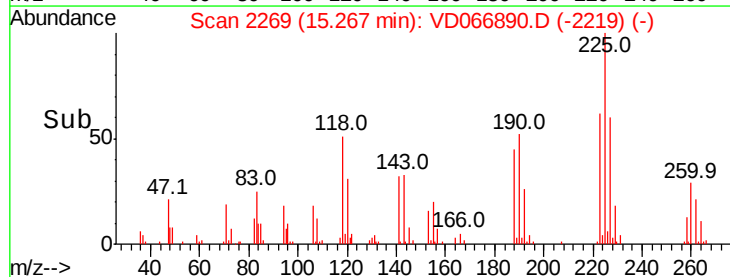
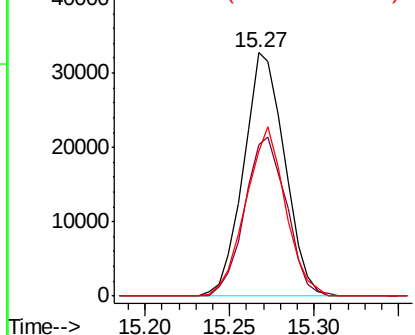


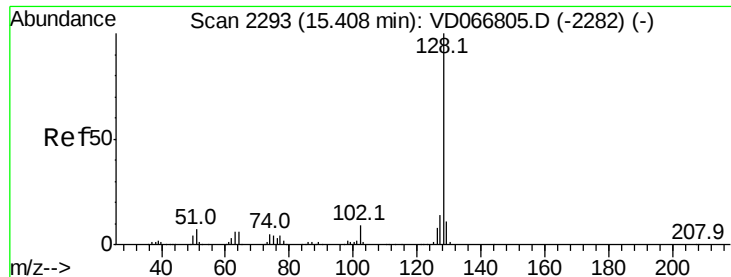
#94
 Hexachlorobutadiene
 Concen: 18.485 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066890.D
 Acq: 26 Sep 2020 00:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.5	31.1	93.3
227	67.3	31.7	95.1



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

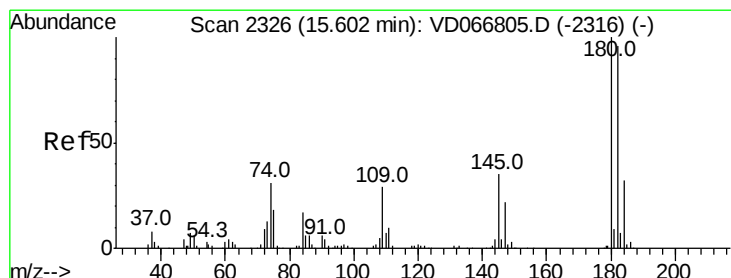
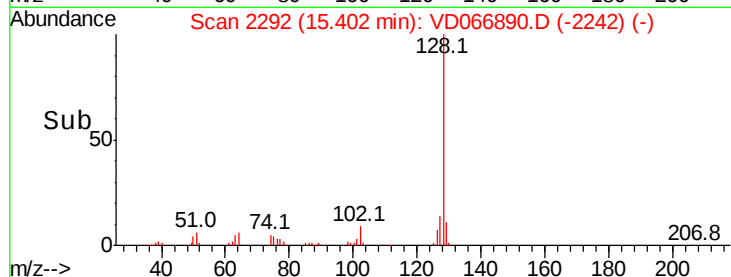
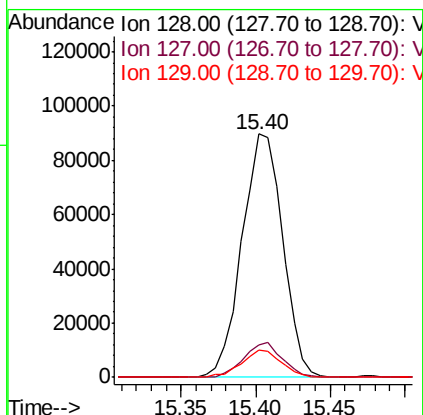
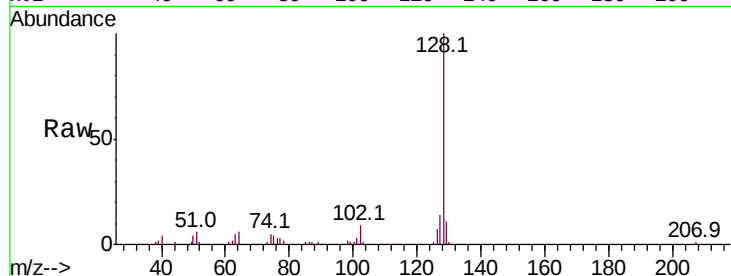




#95
Naphthalene
Concen: 19.945 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBSD02

Tot Ion:128 Resp: 169391
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.930 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.01 min
Lab File: VD066890.D
Acq: 26 Sep 2020 00:21

Tgt Ion:180 Resp: 86050
Ion Ratio Lower Upper
180 100
182 94.8 46.8 140.3
145 33.8 17.0 51.0

