

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066889.D
 Acq On : 25 Sep 2020 23:54
 Operator : VA/SY
 Sample : VD0925SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Quant Time: Sep 26 06:38:44 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	362719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	603971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	558998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	266856	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	178814	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	
35) Dibromofluoromethane	7.91	113	184150	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.34	98	655056	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.63	95	227845	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	67578	23.653	ug/l	95
3) Chloromethane	2.21	50	75151	22.550	ug/l	95
4) Vinyl Chloride	2.35	62	71052	21.580	ug/l	94
5) Bromomethane	2.76	94	50044	21.625	ug/l	97
6) Chloroethane	2.92	64	42905	20.985	ug/l #	88
7) Trichlorofluoromethane	3.27	101	142524	21.078	ug/l	100
8) Diethyl Ether	3.71	74	38628	22.502	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	81838	20.872	ug/l	98
10) Methyl Iodide	4.30	142	74320	21.480	ug/l	95
11) Tert butyl alcohol	5.21	59	29505	110.987	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	74983	21.111	ug/l	96
13) Acrolein	3.92	56	22078	84.302	ug/l	92
14) Allyl chloride	4.71	41	105483	20.225	ug/l	97
15) Acrylonitrile	5.43	53	81802	107.530	ug/l	98
16) Acetone	4.16	43	67092	89.087	ug/l	99
17) Carbon Disulfide	4.41	76	227539	20.954	ug/l	100
18) Methyl Acetate	4.71	43	38601	20.857	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	167253	21.684	ug/l	93
20) Methylene Chloride	4.97	84	117306	26.076	ug/l	97
21) trans-1,2-Dichloroethene	5.48	96	90581	22.025	ug/l	95
22) Diisopropyl ether	6.36	45	233106	21.738	ug/l	98
23) Vinyl Acetate	6.31	43	567835	99.159	ug/l	96
24) 1,1-Dichloroethane	6.27	63	152917	21.315	ug/l	98
25) 2-Butanone	7.21	43	97693	107.944	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	125640	19.108	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	100305	22.447	ug/l	97
28) Bromochloromethane	7.55	49	60170	20.302	ug/l	96
29) Tetrahydrofuran	7.56	42	62456	107.701	ug/l	97
30) Chloroform	7.71	83	165833	21.445	ug/l	99
31) Cyclohexane	7.98	56	126419	19.584	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	147916	21.145	ug/l	99
36) 1,1-Dichloropropene	8.11	75	119011	19.862	ug/l	99
37) Ethyl Acetate	7.29	43	49569	22.884	ug/l #	94
38) Carbon Tetrachloride	8.09	117	131084	20.010	ug/l	99

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

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 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)
39) Methylcyclohexane	9.35	83	131815	19.160	ug/l	98
40) Benzene	8.34	78	359972	21.556	ug/l	94
41) Methacrylonitrile	7.52	41	22114	16.601	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	102570	20.777	ug/l	99
43) Isopropyl Acetate	8.44	43	88933	21.295	ug/l	98
44) Trichloroethene	9.11	130	99950	20.999	ug/l	98
45) 1,2-Dichloropropane	9.38	63	89687	21.346	ug/l	99
46) Dibromomethane	9.47	93	49923	21.869	ug/l	99
47) Bromodichloromethane	9.66	83	127685	20.822	ug/l	93
48) Methyl methacrylate	9.45	41	46168	22.422	ug/l	92
49) 1,4-Dioxane	9.46	88	12634	428.746	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	223708	105.718	ug/l	100
52) Toluene	10.40	92	231454	21.517	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	110924	21.252	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	134908	21.198	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	65831	20.977	ug/l	98
56) Ethyl methacrylate	10.66	69	72060	21.434	ug/l	99
57) 1,3-Dichloropropane	10.94	76	113179	21.841	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	194888	122.429	ug/l	97
59) 2-Hexanone	10.98	43	146188	102.442	ug/l	95
60) Dibromochloromethane	11.14	129	90685	22.141	ug/l	100
61) 1,2-Dibromoethane	11.24	107	66193	22.677	ug/l	97
64) Tetrachloroethene	10.87	164	89236	22.193	ug/l	95
65) Chlorobenzene	11.67	112	243517	20.928	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	90836	20.626	ug/l	94
67) Ethyl Benzene	11.74	91	421347	20.618	ug/l	97
68) m/p-Xylenes	11.85	106	334474	43.228	ug/l	99
69) o-Xylene	12.18	106	146075	20.879	ug/l	100
70) Styrene	12.19	104	261353	21.510	ug/l	100
71) Bromoform	12.36	173	48914	21.937	ug/l #	99
73) Isopropylbenzene	12.48	105	394194	20.448	ug/l	99
74) N-amyl acetate	12.29	43	74967	19.914	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	72111	21.678	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	90897	41.102	ug/l #	100
77) Bromobenzene	12.76	156	99275	22.019	ug/l	95
78) n-propylbenzene	12.82	91	477299	20.580	ug/l	100
79) 2-Chlorotoluene	12.91	91	275896	20.876	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	345302	21.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	19656	22.237	ug/l	96
82) 4-Chlorotoluene	13.01	91	294410	21.133	ug/l	100
83) tert-Butylbenzene	13.23	119	277876	20.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	341987	21.084	ug/l	99
85) sec-Butylbenzene	13.40	105	396569	20.517	ug/l	99
86) p-Isopropyltoluene	13.52	119	359755	20.649	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	187680	21.070	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	188289	21.283	ug/l	100
89) n-Butylbenzene	13.84	91	316800	19.130	ug/l	100
90) Hexachloroethane	14.11	117	70809	20.019	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	165706	21.744	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10804	20.190	ug/l	95

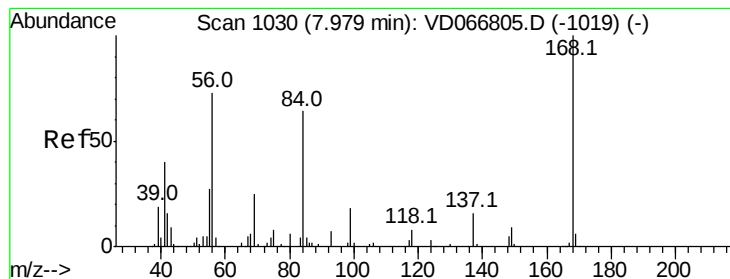
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
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Operator : VA/SY
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	97790	20.384	ug/l	95
94) Hexachlorobutadiene	15.27	225	58047	20.192	ug/l	97
95) Naphthalene	15.40	128	166395	20.430	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	85243	20.587	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

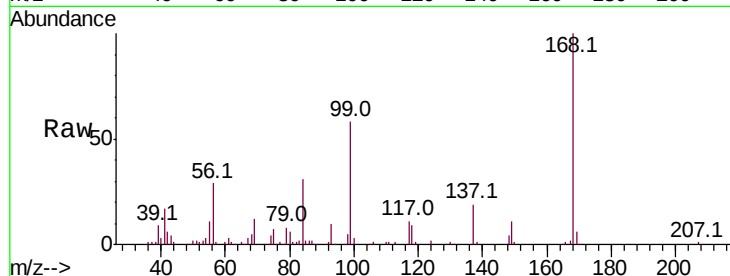
VD0925SBS02

Tot Ion:168 Resp: 362719

Ion Ratio Lower Upper

168 100

99 57.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

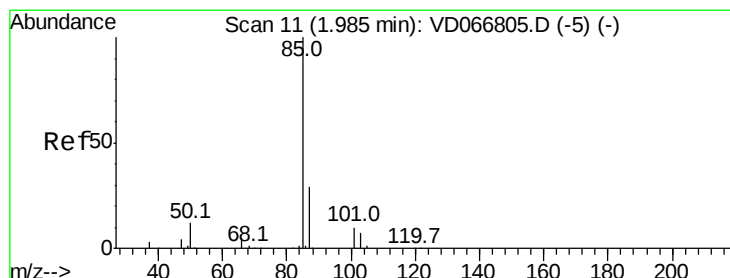
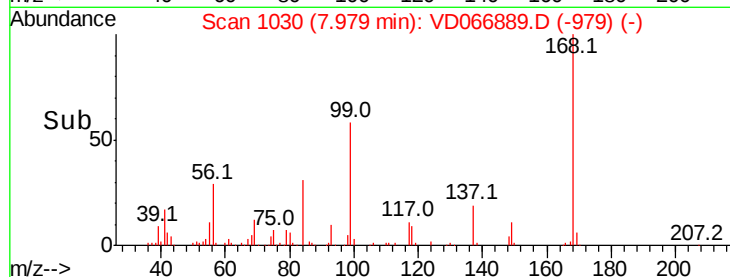
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 23.653 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066889.D

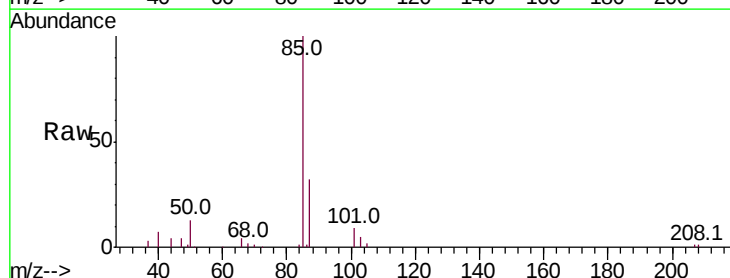
Acq: 25 Sep 2020 23:54

Tgt Ion: 85 Resp: 67578

Ion Ratio Lower Upper

85 100

87 31.7 14.5 43.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

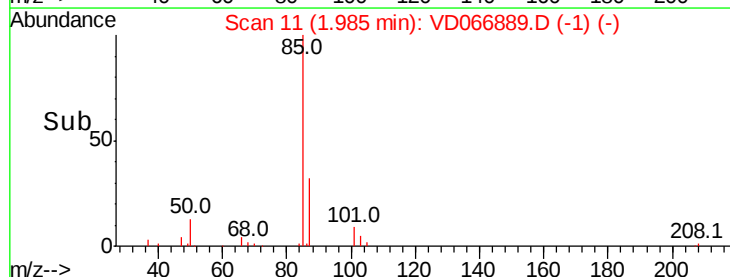
20000

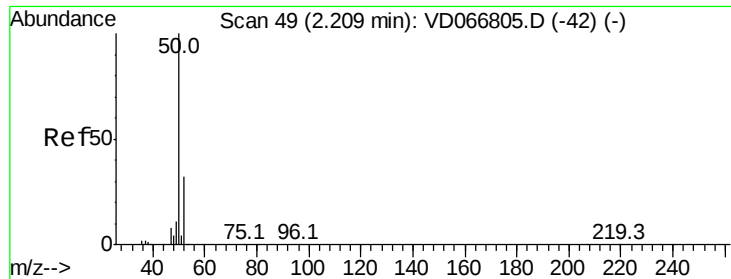
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 22.550 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

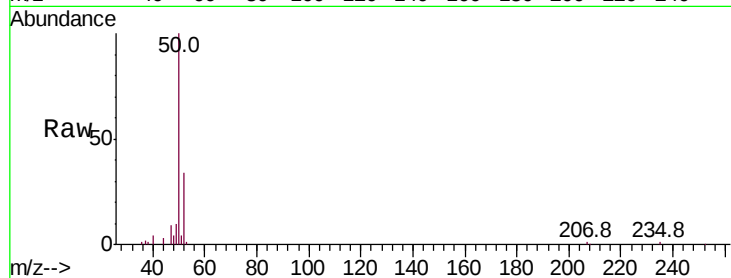
VD0925SBS02

Tot Ion: 50 Resp: 75151

Ion Ratio Lower Upper

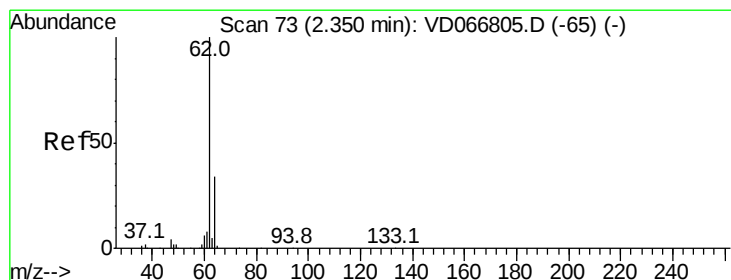
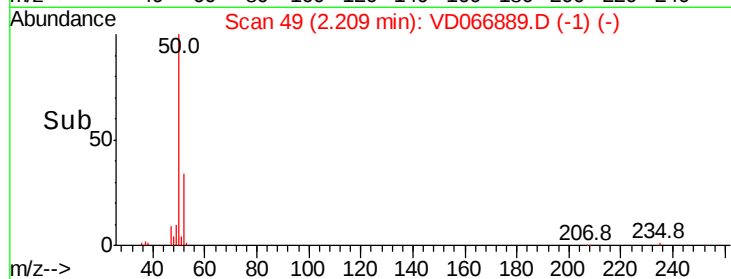
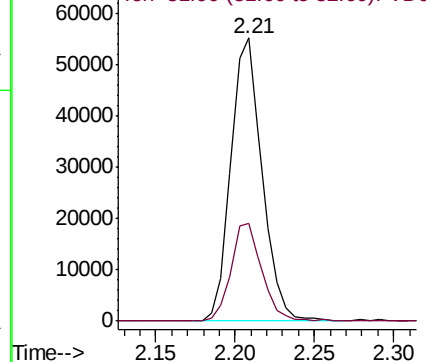
50 100

52 34.4 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.580 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066889.D

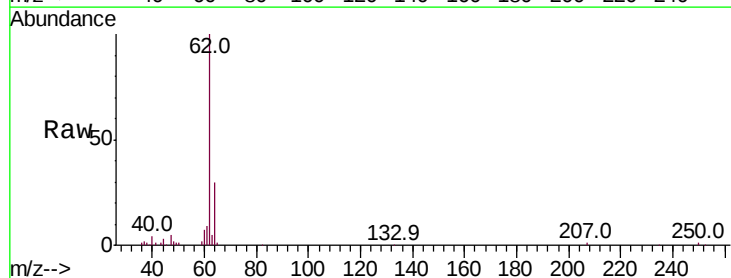
Acq: 25 Sep 2020 23:54

Tgt Ion: 62 Resp: 71052

Ion Ratio Lower Upper

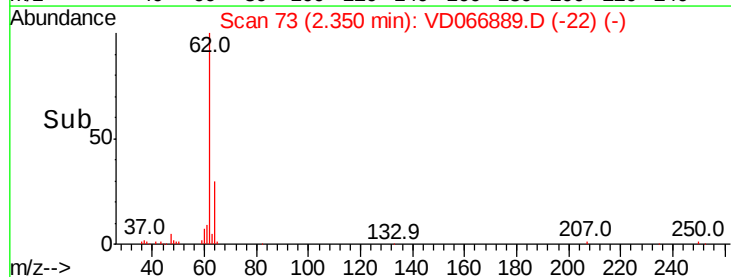
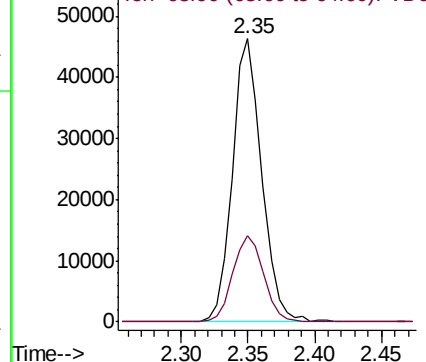
62 100

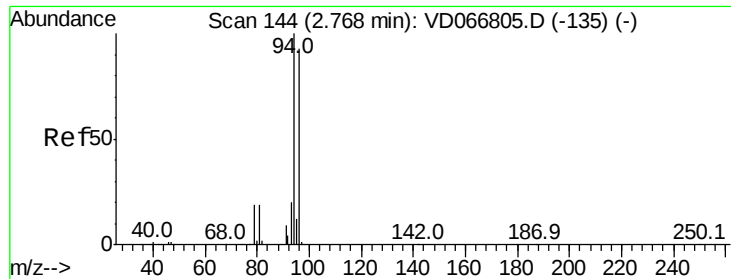
64 30.3 27.0 40.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.625 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

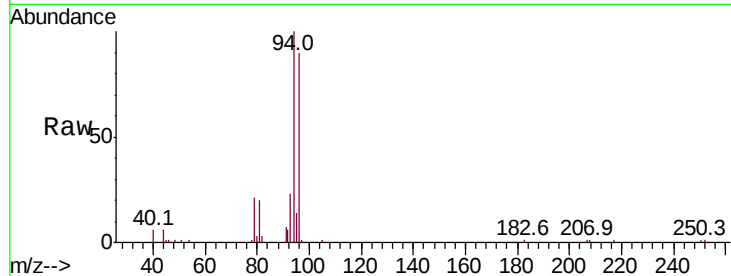
VD0925SBS02

Tot Ion: 94 Resp: 50044

Ion Ratio Lower Upper

94 100

96 89.7 74.3 111.5



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

25000

20000

15000

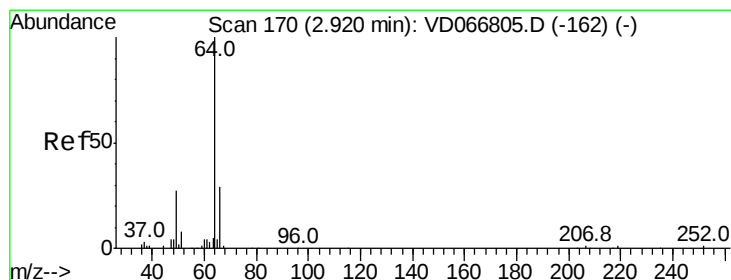
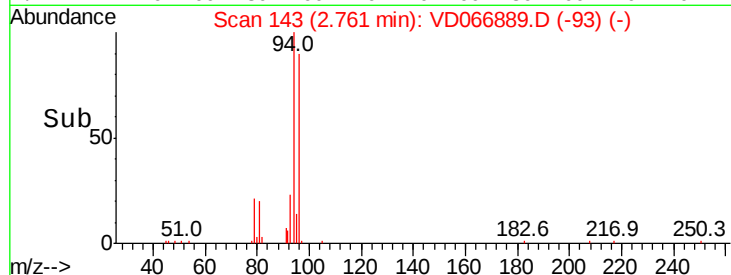
10000

5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.985 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066889.D

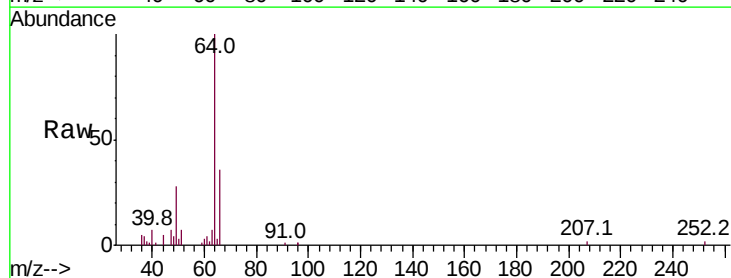
Acq: 25 Sep 2020 23:54

Tgt Ion: 64 Resp: 42905

Ion Ratio Lower Upper

64 100

66 35.7 23.3 34.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

20000

15000

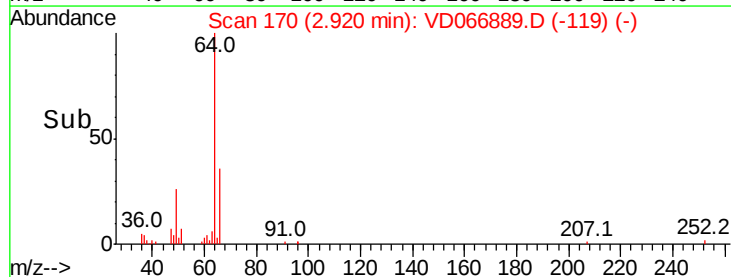
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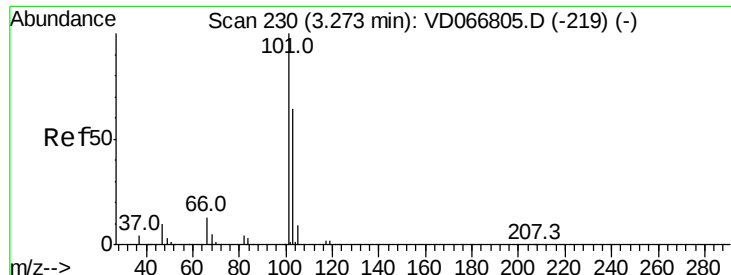
5000

0

Time-->

2.85 2.90 2.95 3.00



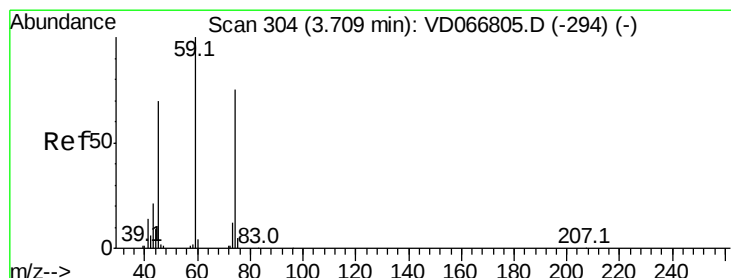
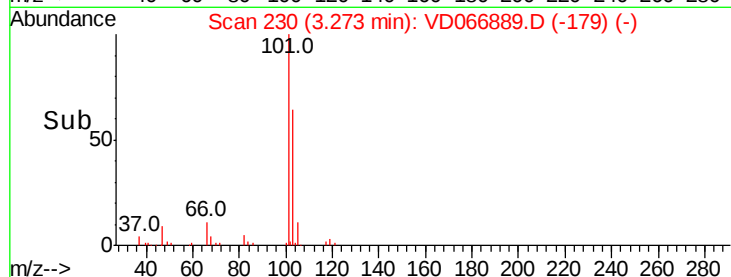
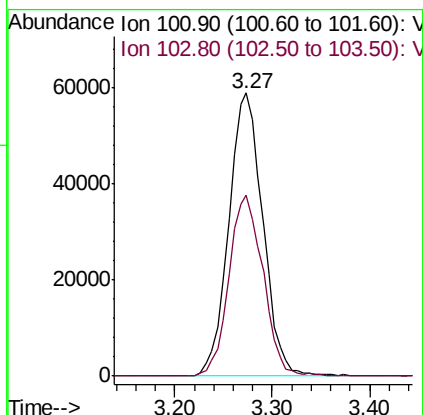
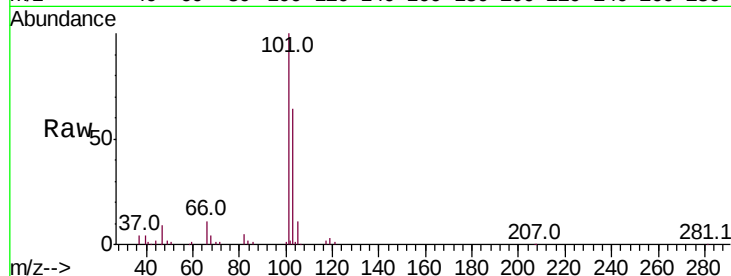


#7

Trichlorofluoromethane
 Concen: 21.078 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

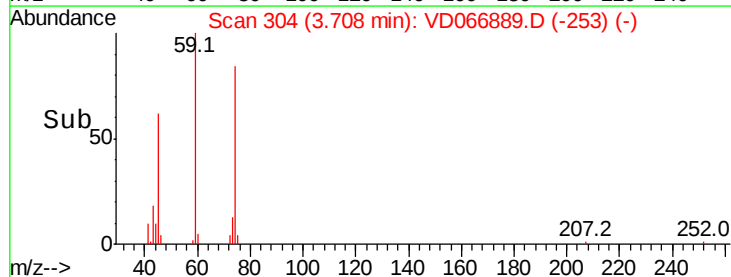
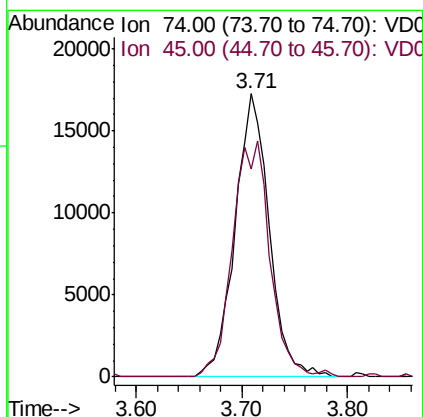
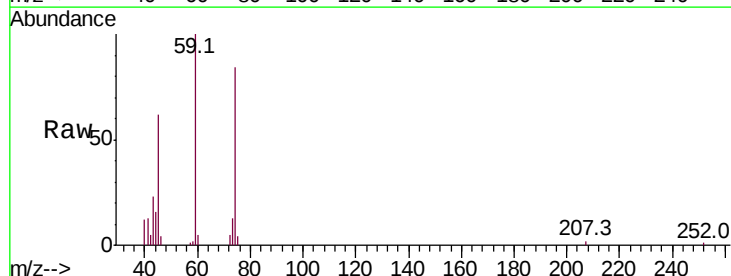
Tot Ion:101 Resp: 142524
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6

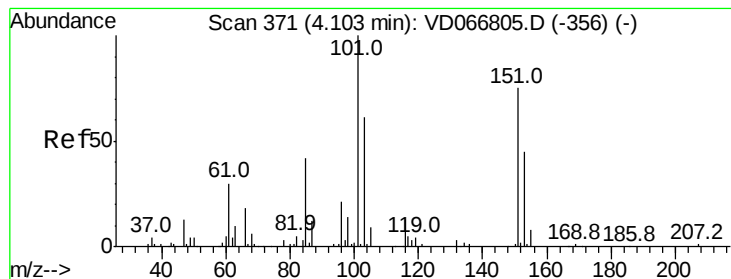


#8

Diethyl Ether
 Concen: 22.502 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion: 74 Resp: 38628
 Ion Ratio Lower Upper
 74 100
 45 90.5 46.0 138.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.872 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

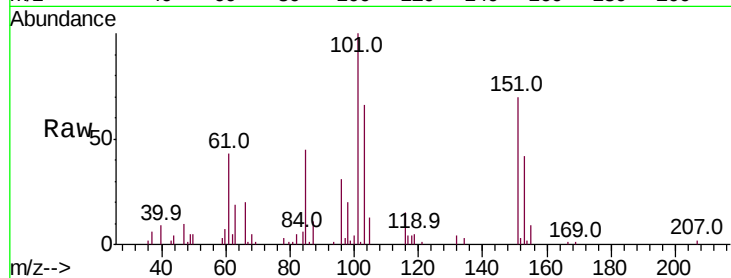
Tot Ion:101 Resp: 81838

Ion Ratio Lower Upper

101 100

85 42.3 35.4 53.2

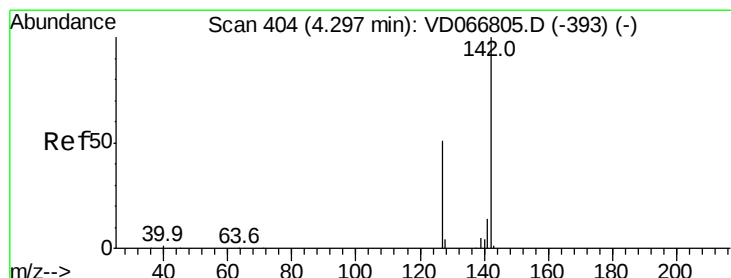
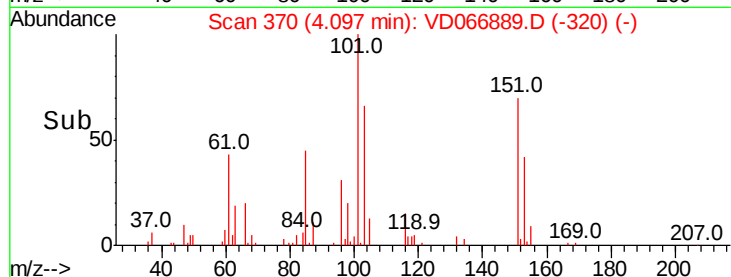
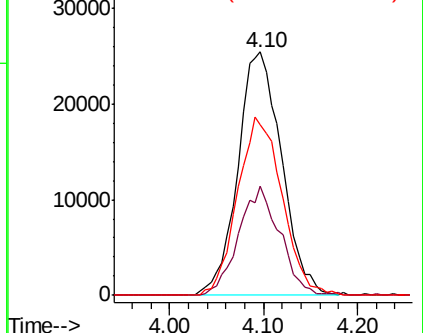
151 75.0 61.4 92.0



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: 21.480 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

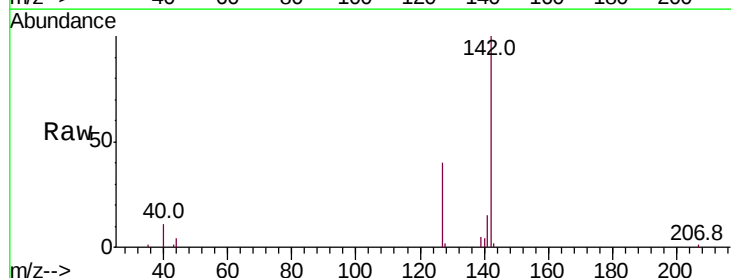
Tgt Ion:142 Resp: 74320

Ion Ratio Lower Upper

142 100

127 44.4 39.4 59.0

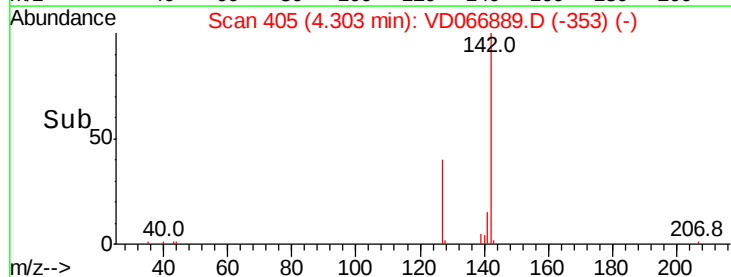
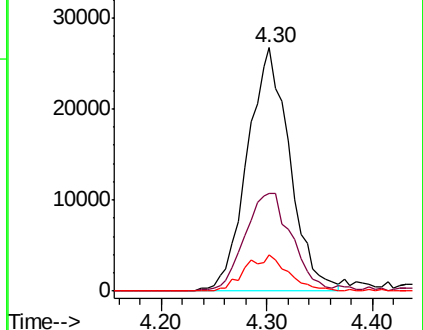
141 15.0 12.1 18.1

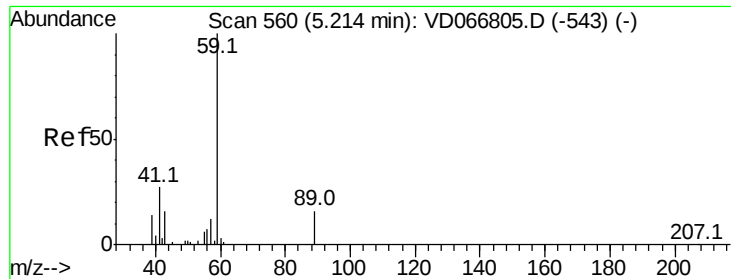


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

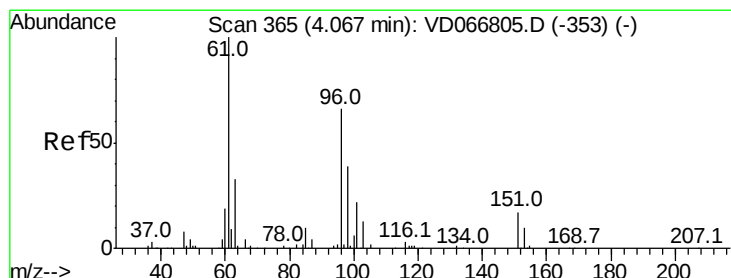
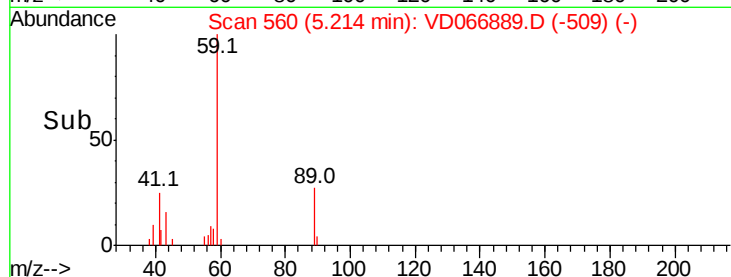
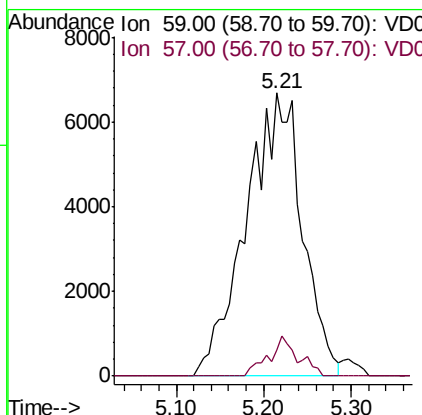
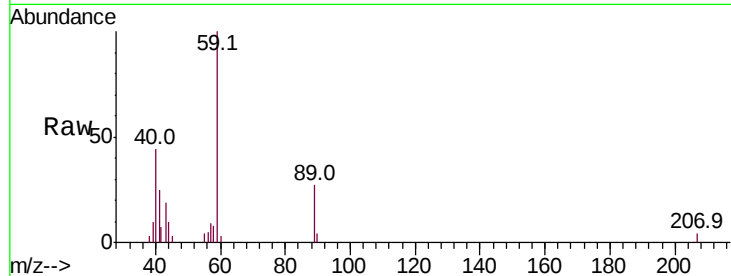




#11
Tert butyl alcohol
Concen: 110.987 ug/l
RT: 5.21 min Scan# 560
Delta R.T. 0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

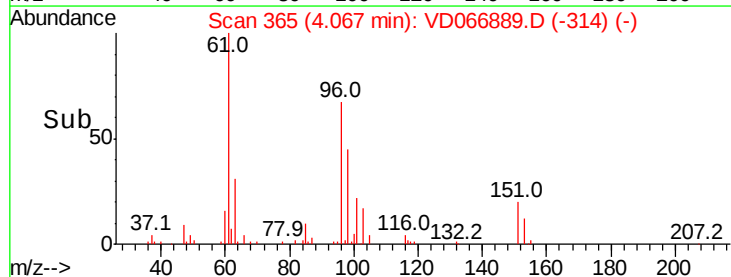
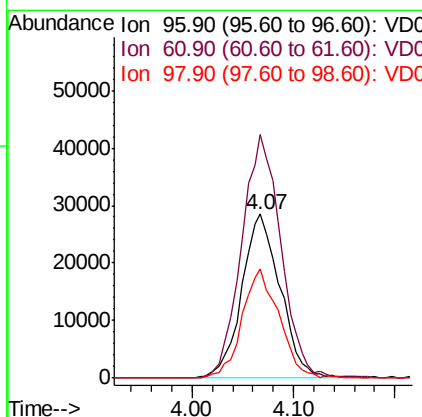
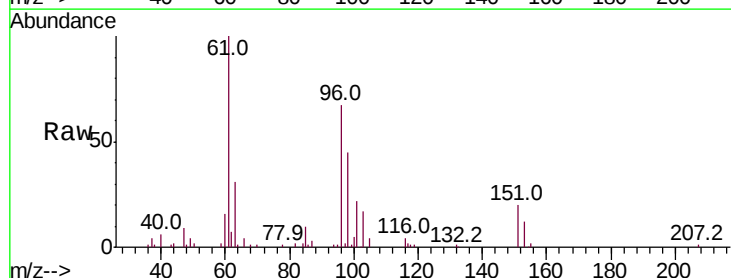
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

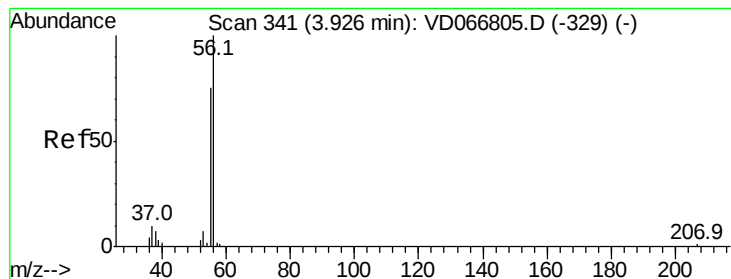
Tot Ion: 59 Resp: 29505
Ion Ratio Lower Upper
59 100
57 7.5 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 21.111 ug/l
RT: 4.07 min Scan# 365
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 96 Resp: 74983
Ion Ratio Lower Upper
96 100
61 148.7 120.8 181.2
98 66.4 47.7 71.5





#13

Acrolein

Concen: 84.302 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

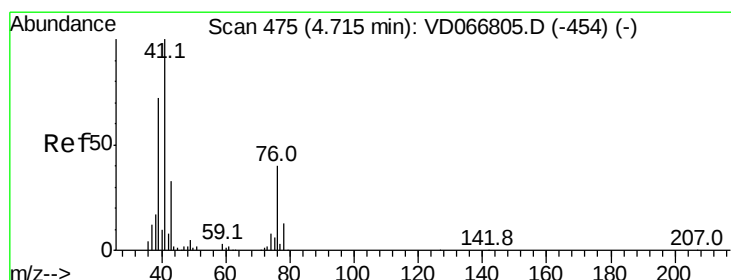
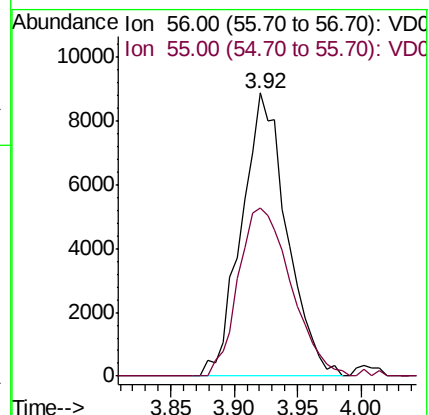
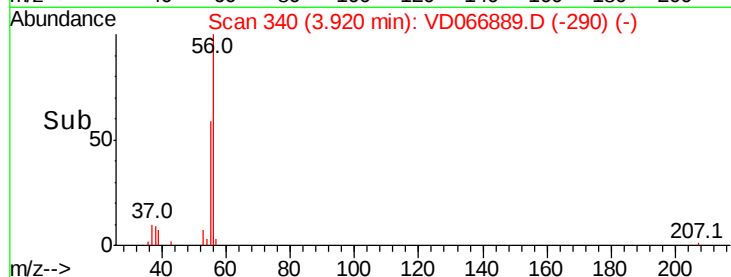
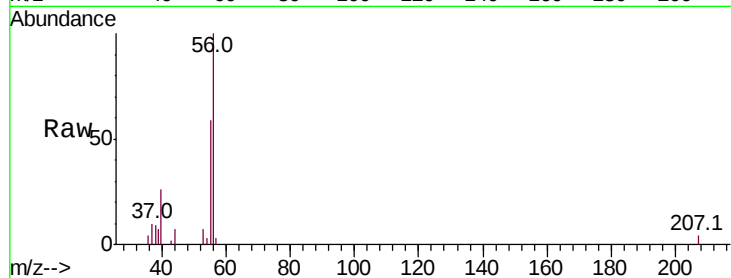
VD0925SBS02

Tot Ion: 56 Resp: 22078

Ion Ratio Lower Upper

56 100

55 68.8 60.3 90.5



#14

Allyl chloride

Concen: 20.225 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

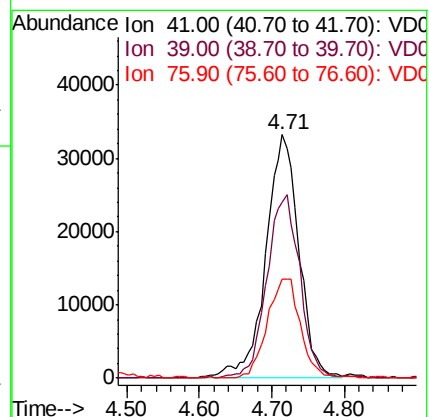
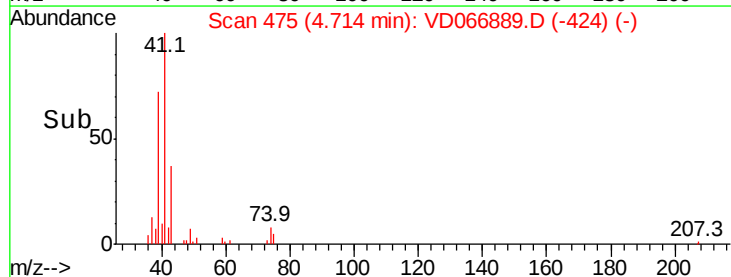
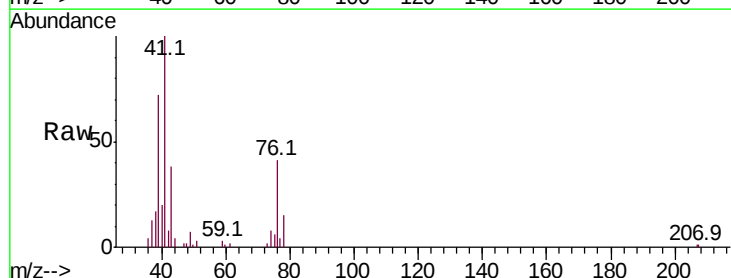
Tgt Ion: 41 Resp: 105483

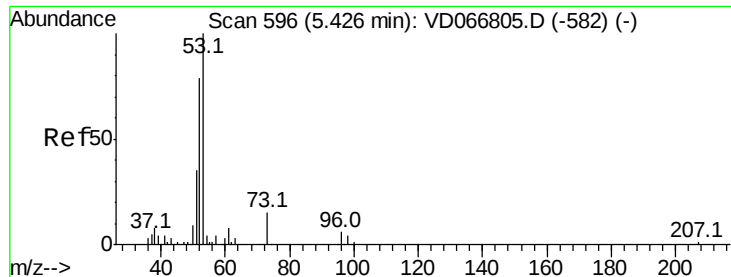
Ion Ratio Lower Upper

41 100

39 75.0 57.8 86.8

76 41.0 30.9 46.3





#15

Acrylonitrile

Concen: 107.530 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

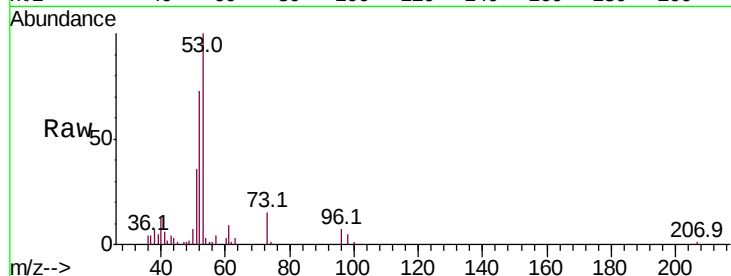
Tot Ion: 53 Resp: 81802

Ion Ratio Lower Upper

53 100

52 82.8 65.2 97.8

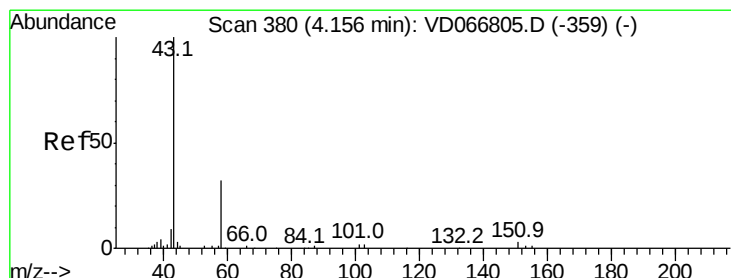
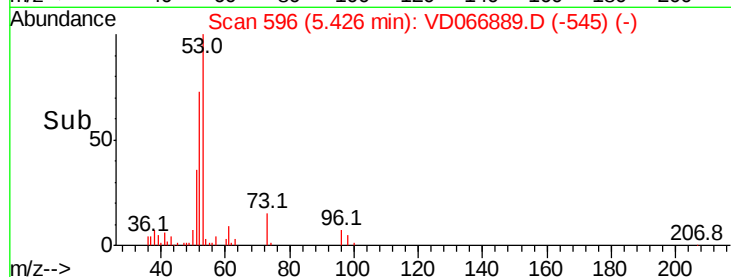
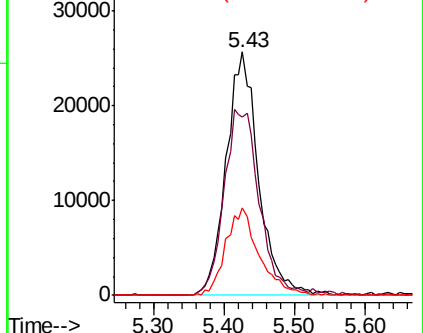
51 36.6 30.6 46.0



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: 89.087 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066889.D

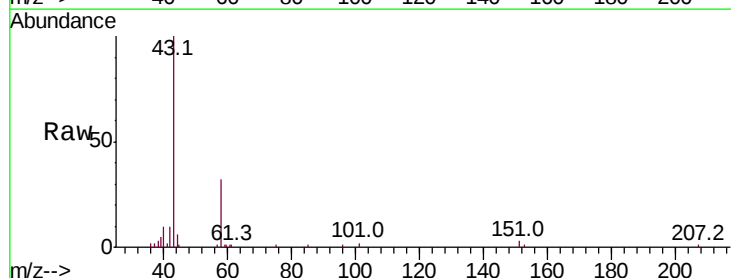
Acq: 25 Sep 2020 23:54

Tgt Ion: 43 Resp: 67092

Ion Ratio Lower Upper

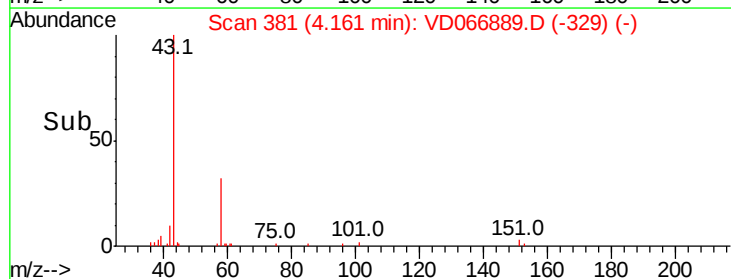
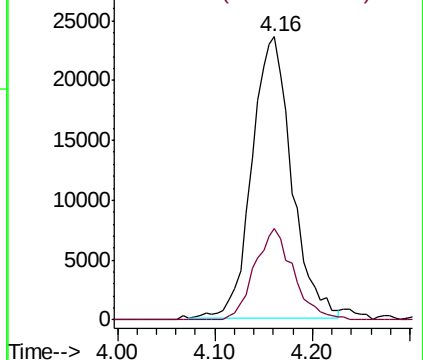
43 100

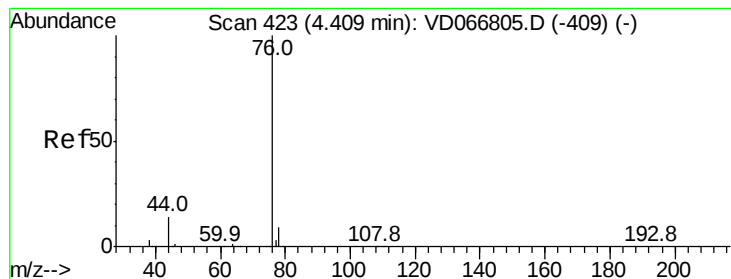
58 32.5 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 20.954 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

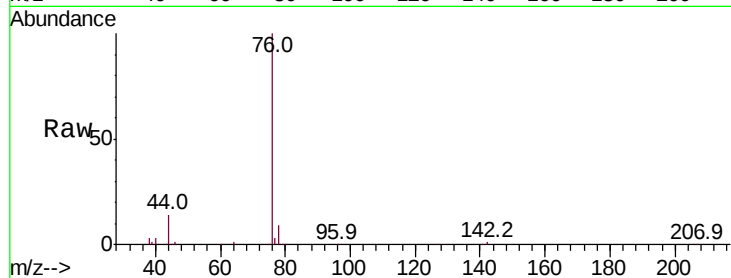
VD0925SBS02

Tot Ion: 76 Resp: 227539

Ion Ratio Lower Upper

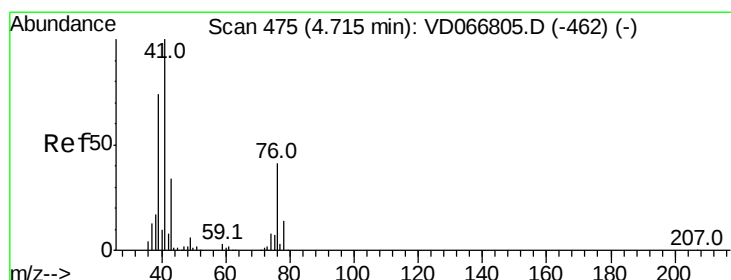
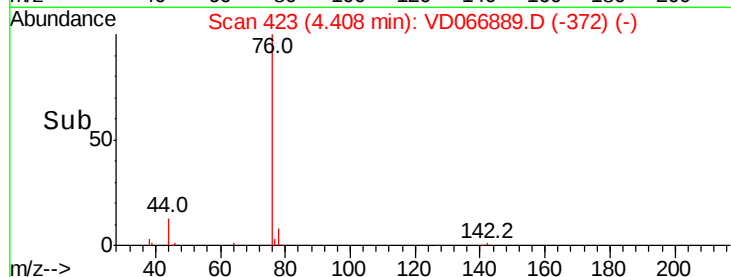
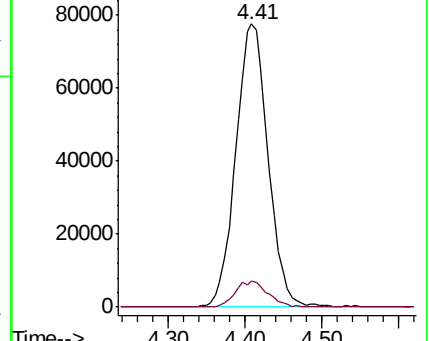
76 100

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: 20.857 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.00 min

Lab File: VD066889.D

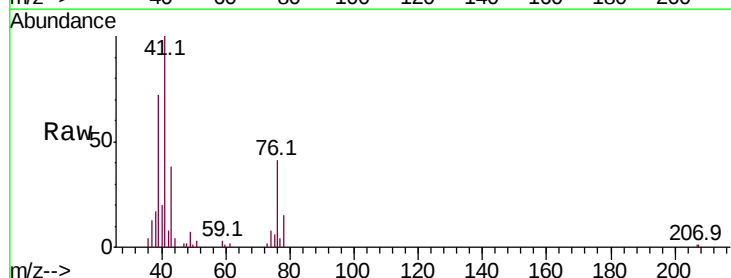
Acq: 25 Sep 2020 23:54

Tgt Ion: 43 Resp: 38601

Ion Ratio Lower Upper

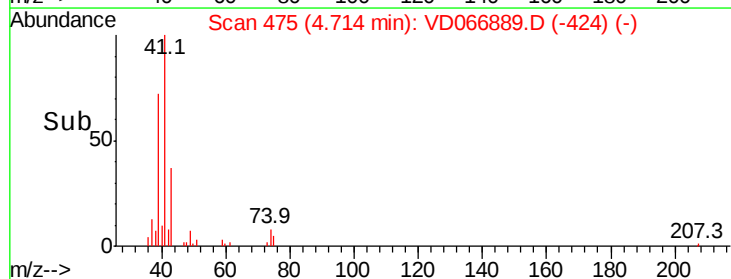
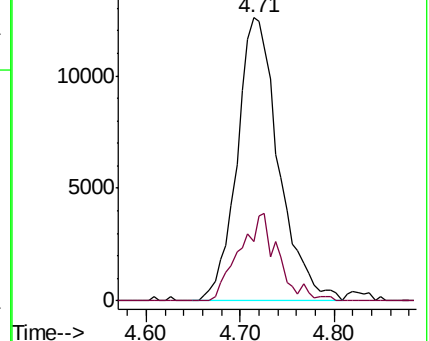
43 100

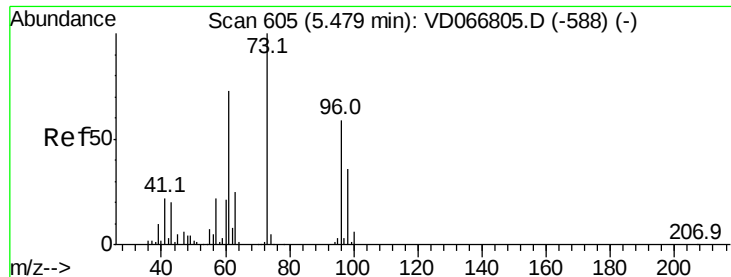
74 27.4 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC



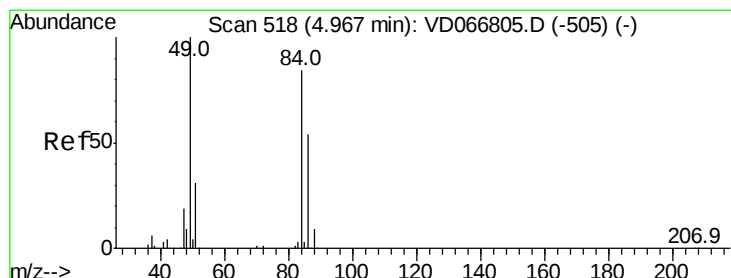
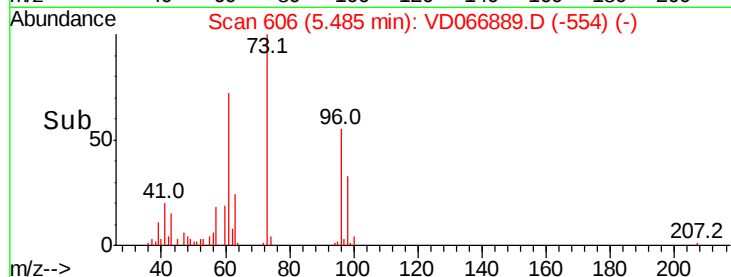
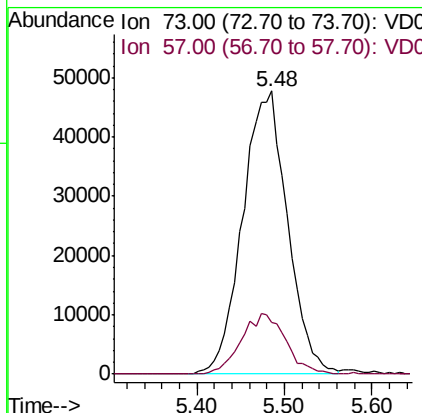
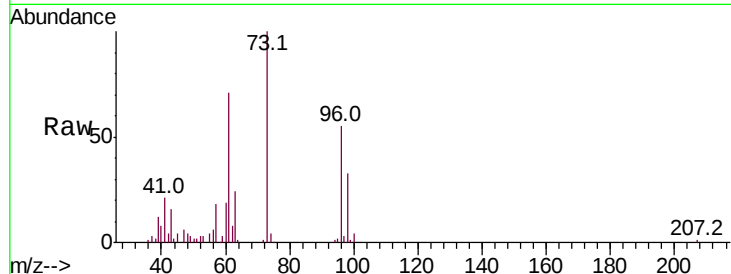


#19

Methyl tert-butyl Ether
 Concen: 21.684 ug/l
 RT: 5.48 min Scan# 606
 Delta R.T. 0.01 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0925SBS02

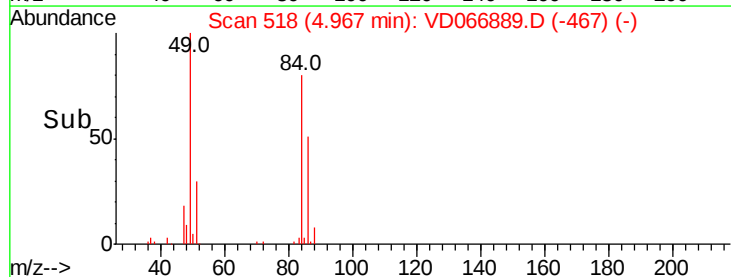
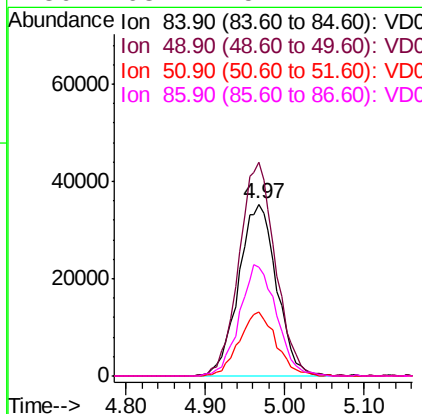
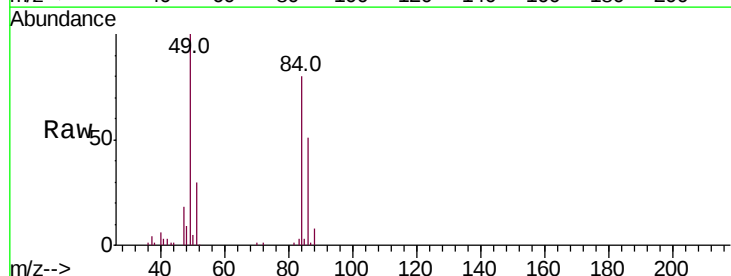
Tot Ion: 73 Resp: 167253
 Ion Ratio Lower Upper
 73 100
 57 18.3 17.4 26.2

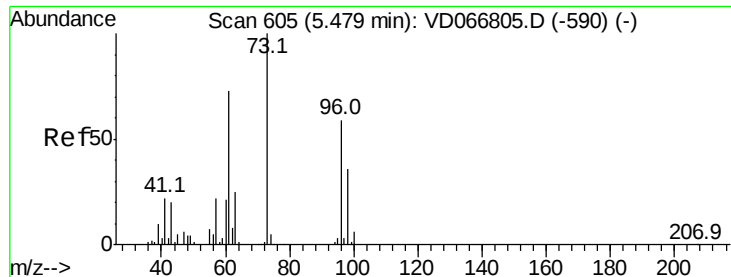


#20

Methylene Chloride
 Concen: 26.076 ug/l
 RT: 4.97 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion: 84 Resp: 117306
 Ion Ratio Lower Upper
 84 100
 49 124.4 95.4 143.2
 51 37.1 29.7 44.5
 86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 22.025 ug/l

RT: 5.48 min Scan# 605

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

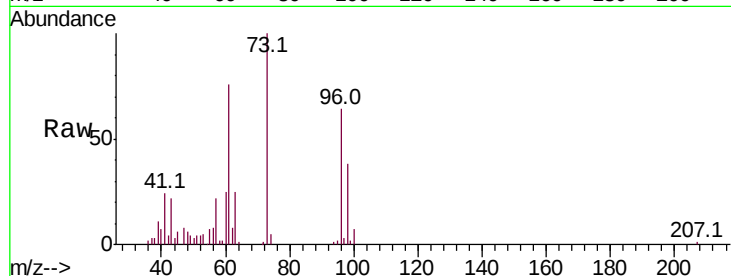
Tot Ion: 96 Resp: 90581

Ion Ratio Lower Upper

96 100

61 116.6 98.9 148.3

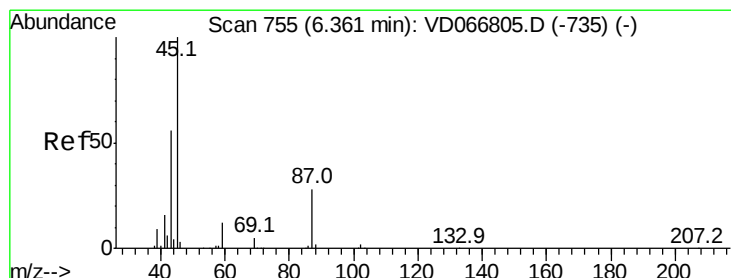
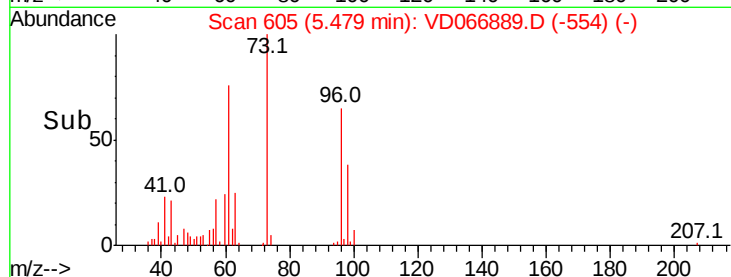
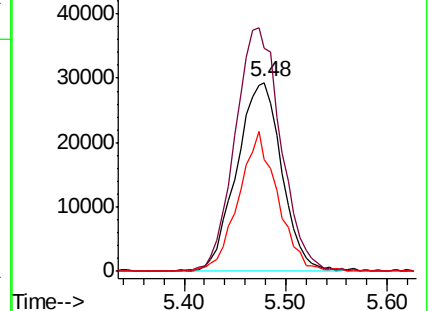
98 59.0 48.4 72.6



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: 21.738 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion: 45 Resp: 233106

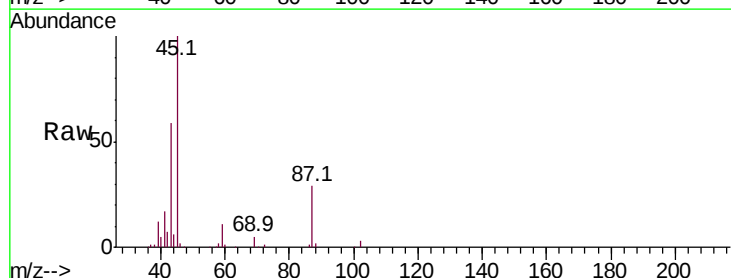
Ion Ratio Lower Upper

45 100

43 58.2 44.5 66.7

87 28.7 22.9 34.3

59 10.6 9.4 14.0

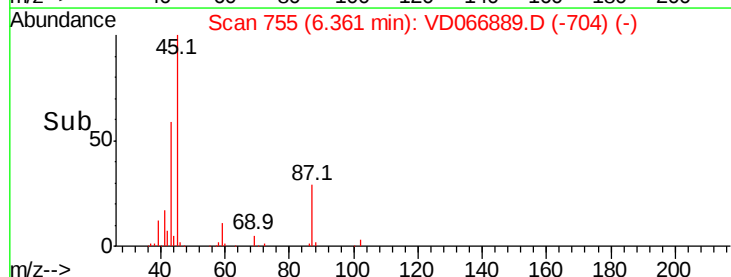
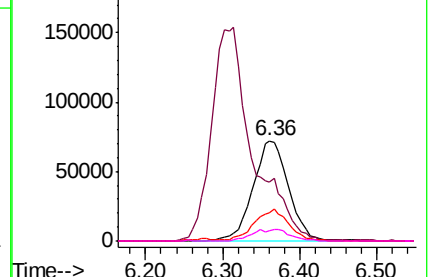


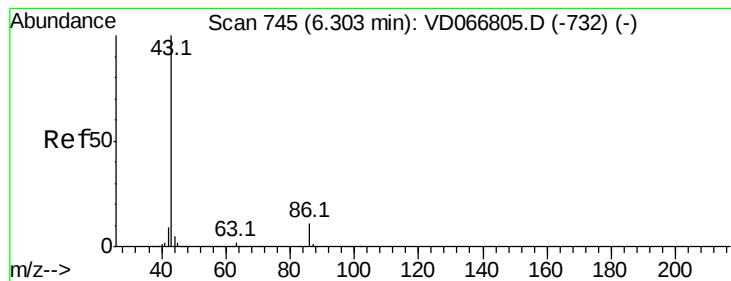
Abundance Ion 45.00 (44.70 to 45.70): VDC

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: 99.159 ug/l

RT: 6.31 min Scan# 747

Delta R.T. 0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

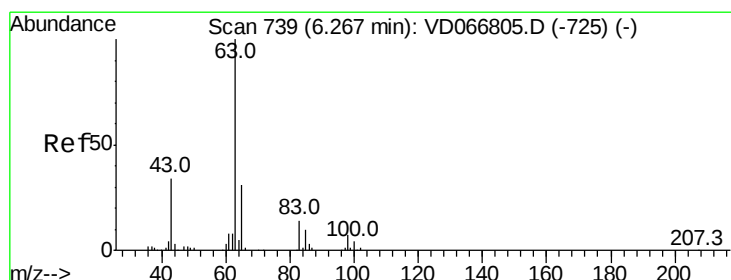
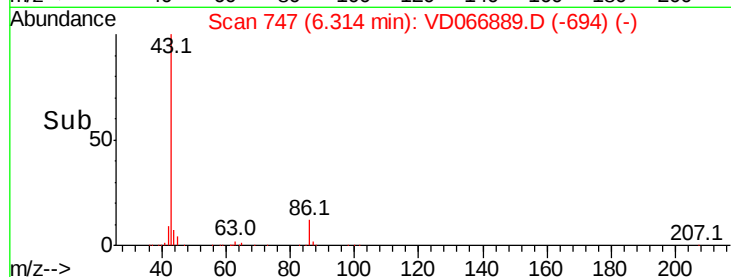
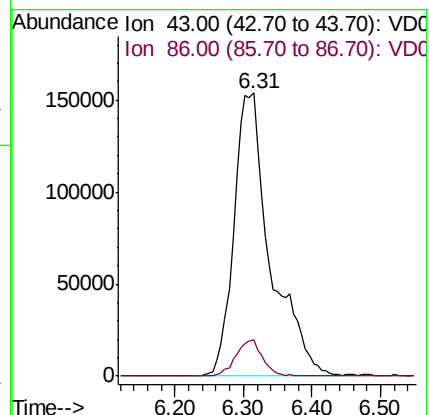
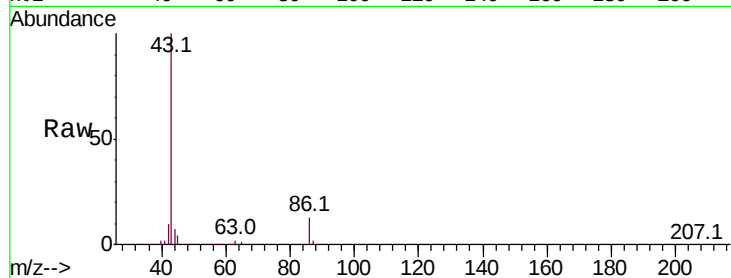
VD0925SBS02

Tot Ion: 43 Resp: 567835

Ion Ratio Lower Upper

43 100

86 12.6 8.9 13.3



#24

1,1-Dichloroethane

Concen: 21.315 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

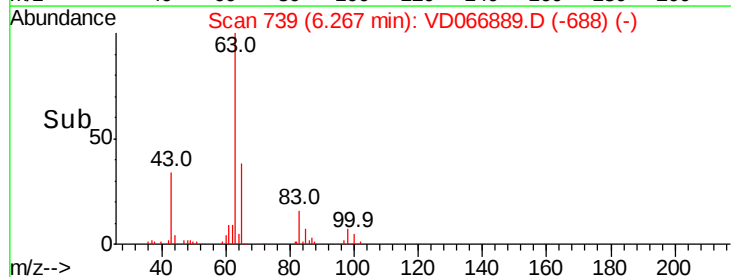
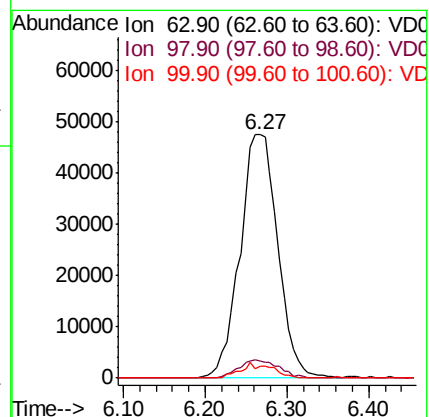
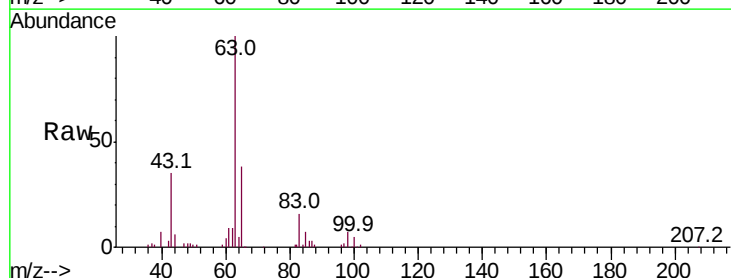
Tgt Ion: 63 Resp: 152917

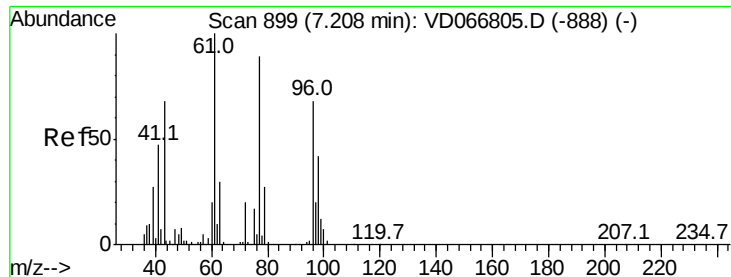
Ion Ratio Lower Upper

63 100

98 7.2 3.7 11.1

100 4.9 1.8 5.5

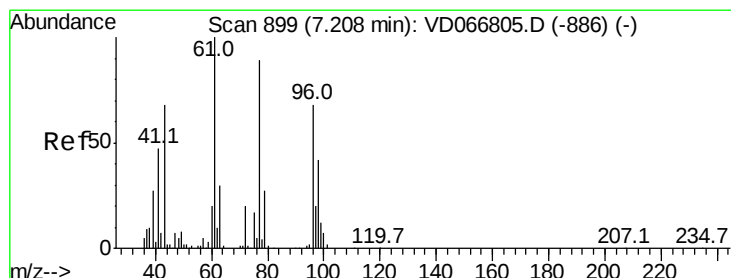
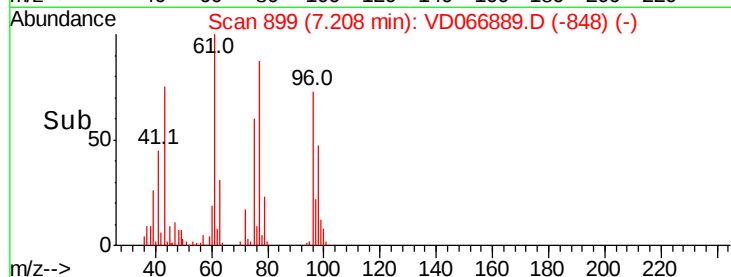
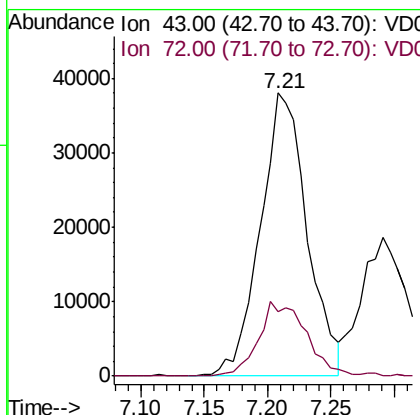
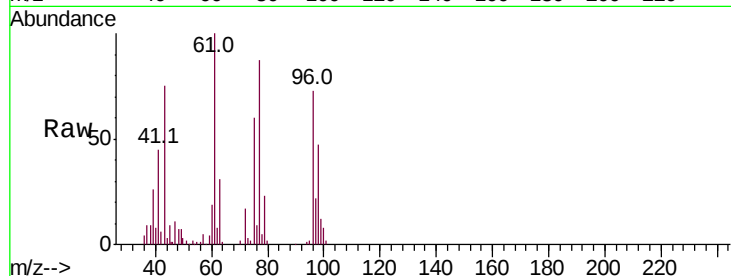




#25
2-Butanone
Concen: 107.944 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

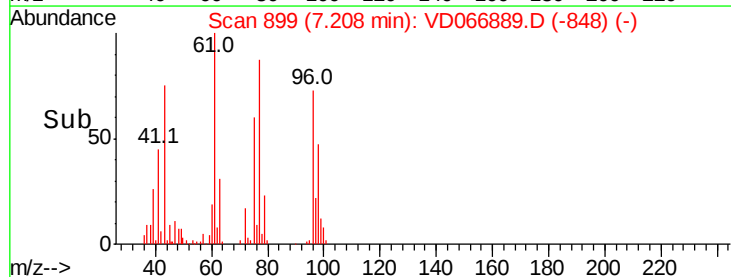
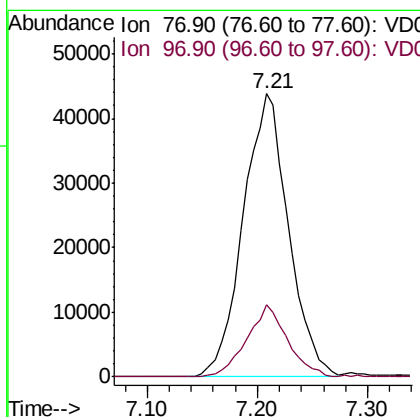
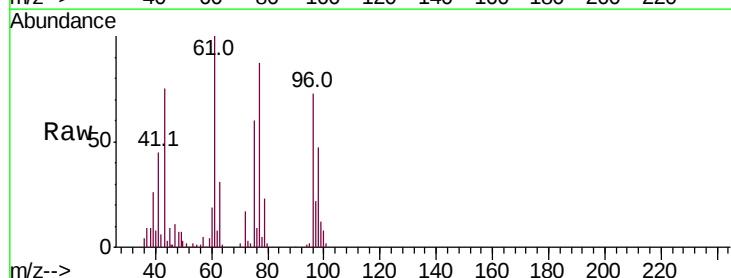
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

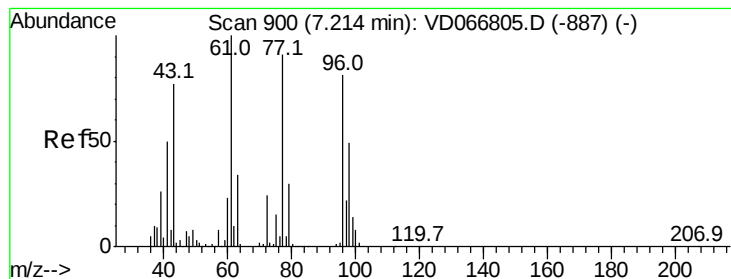
Tot Ion: 43 Resp: 97693
Ion Ratio Lower Upper
43 100
72 22.8 22.9 34.3#



#26
2,2-Dichloropropane
Concen: 19.108 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 77 Resp: 125640
Ion Ratio Lower Upper
77 100
97 23.0 11.7 35.1



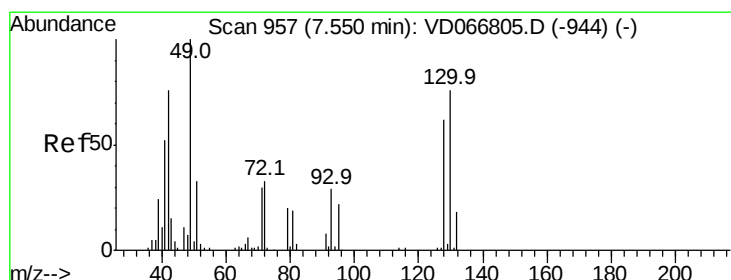
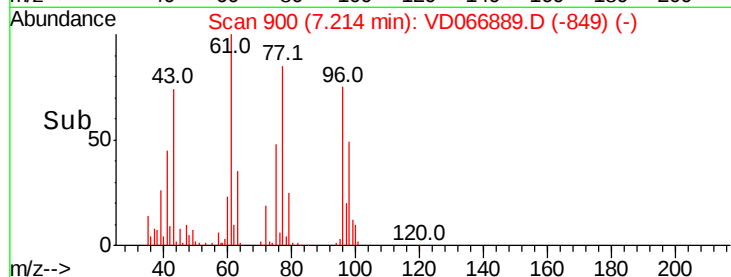
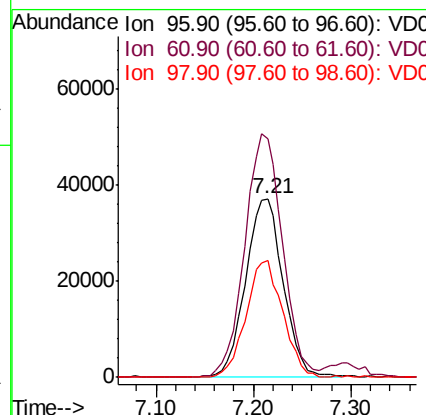
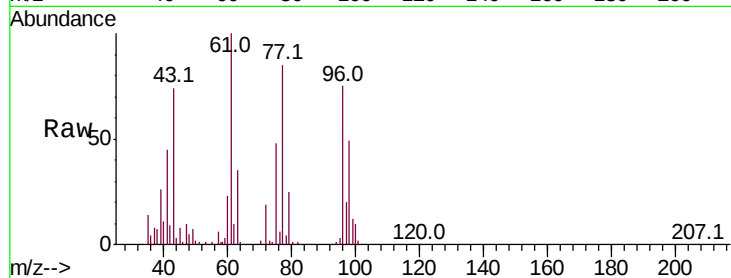


#27

cis-1,2-Dichloroethene
 Concen: 22.447 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

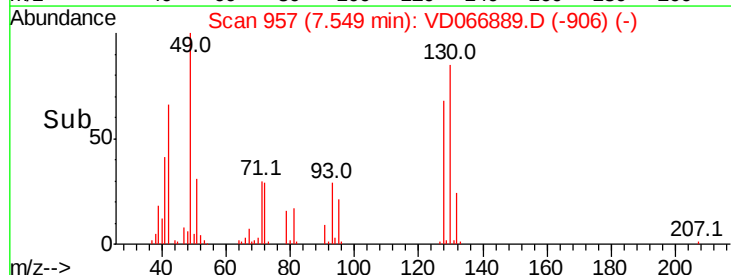
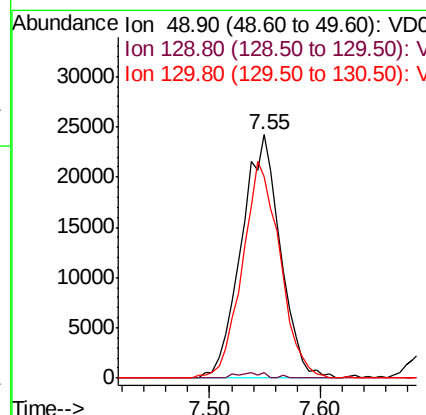
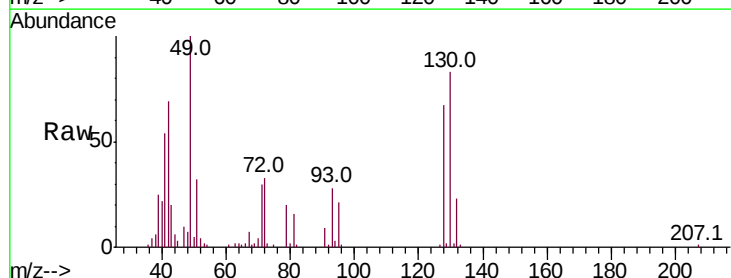
Tot Ion	96	Resp	100305
Ion Ratio	Lower	Upper	
96	100		
61	136.7	0.0	283.8
98	63.7	0.0	128.4

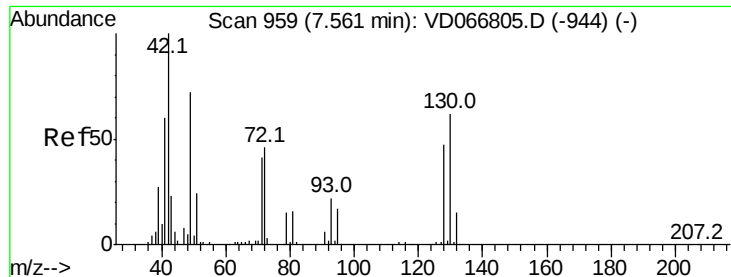


#28

Bromochloromethane
 Concen: 20.302 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	49	Resp	60170
Ion Ratio	Lower	Upper	
49	100		
129	1.6	0.0	2.0
130	85.8	65.9	98.9

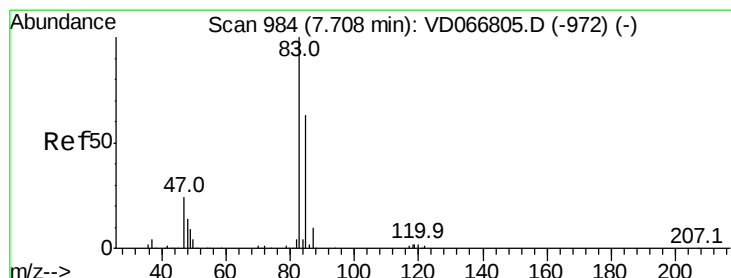
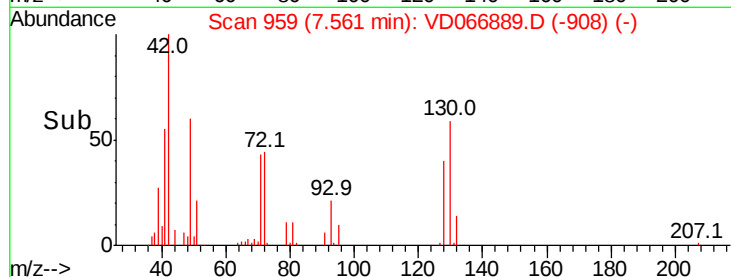
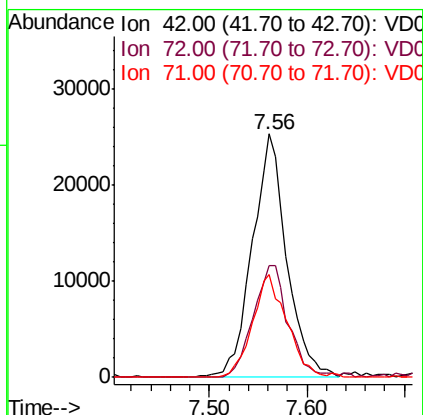
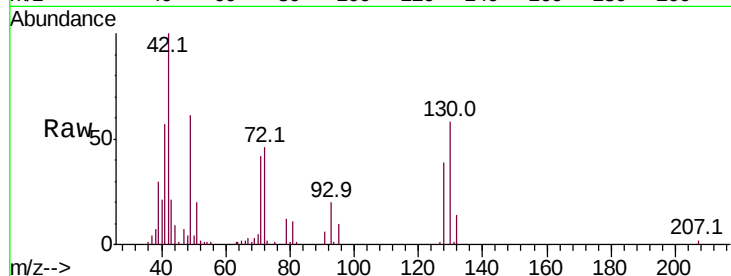




#29
Tetrahydrofuran
Concen: 107.701 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

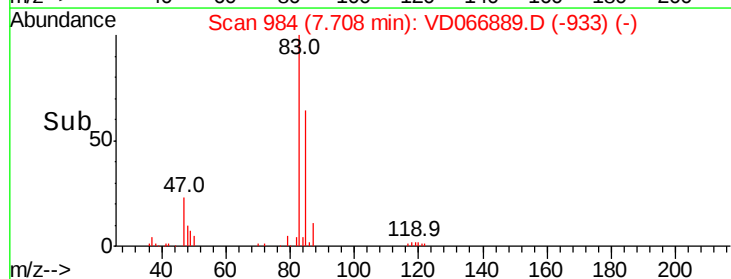
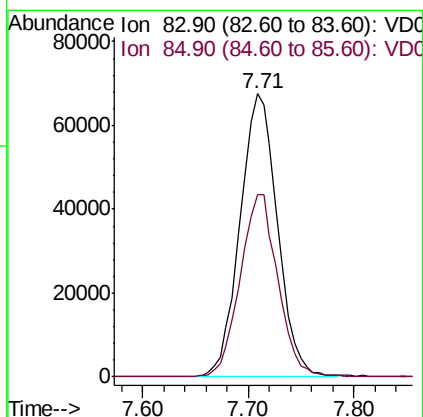
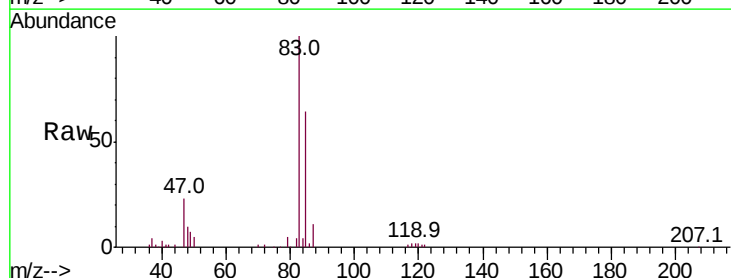
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

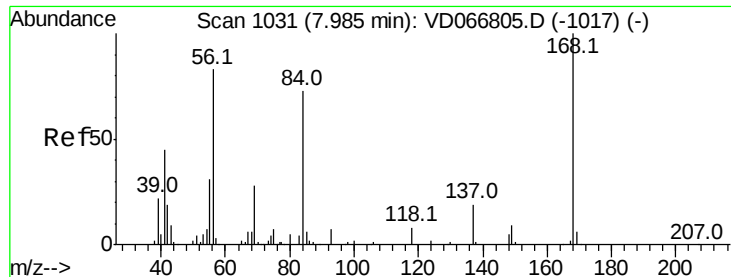
Tot Ion: 42 Resp: 62456
Ion Ratio Lower Upper
42 100
72 46.9 36.2 54.4
71 42.1 32.4 48.6



#30
Chloroform
Concen: 21.445 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 83 Resp: 165833
Ion Ratio Lower Upper
83 100
85 64.3 50.6 75.8

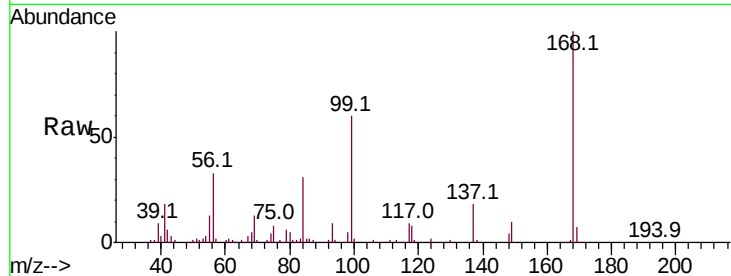




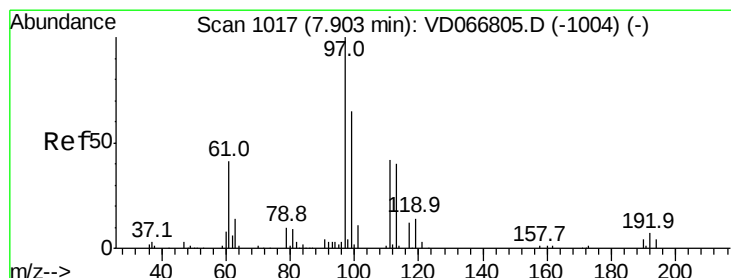
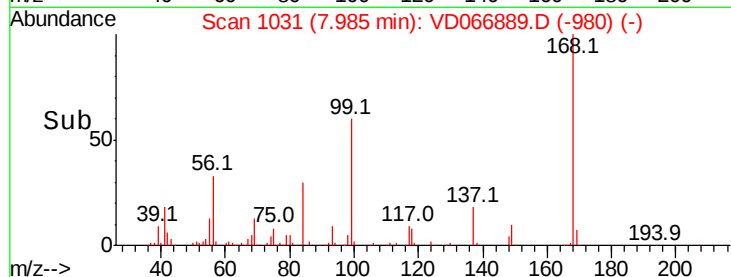
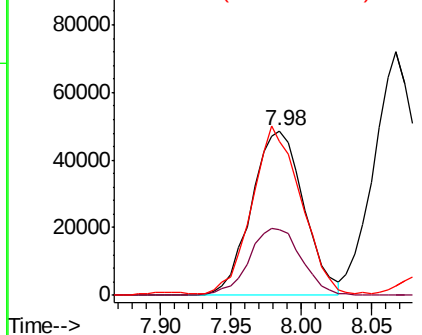
#31
Cyclohexane
Concen: 19.584 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion: 56 Resp: 126419
Ion Ratio Lower Upper
56 100
69 39.4 27.0 40.4
84 92.3 70.2 105.4

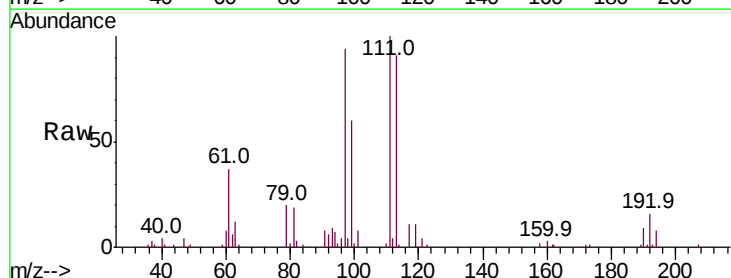


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

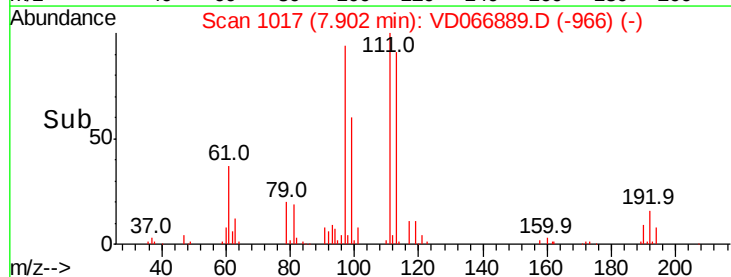
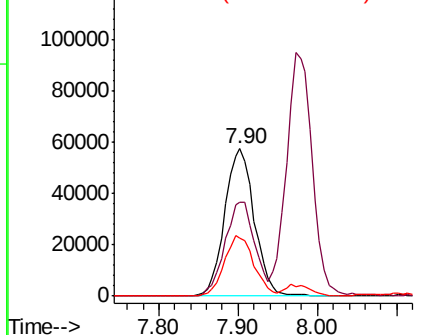


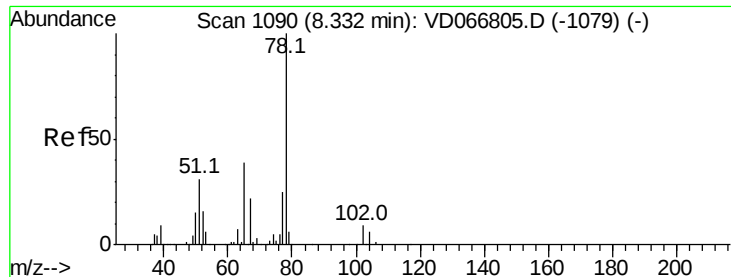
#32
1,1,1-Trichloroethane
Concen: 21.145 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 97 Resp: 147916
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 41.0 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

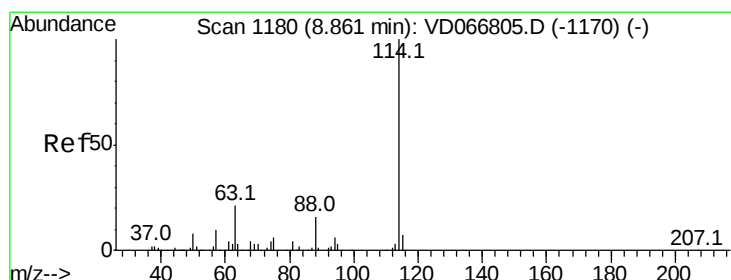
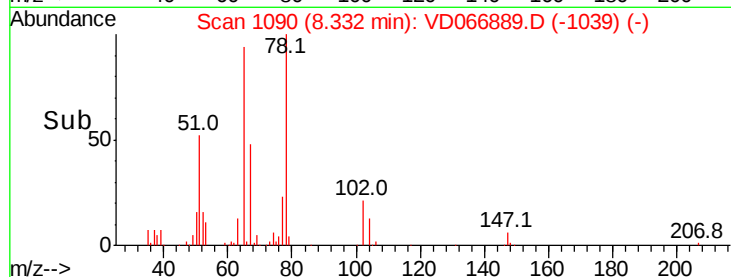
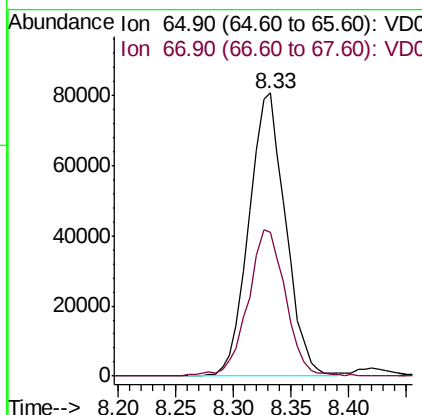
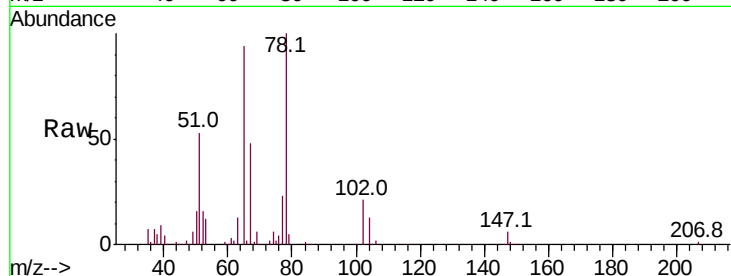




#33
 1,2-Dichloroethane-d4
 Concen: 50.368 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

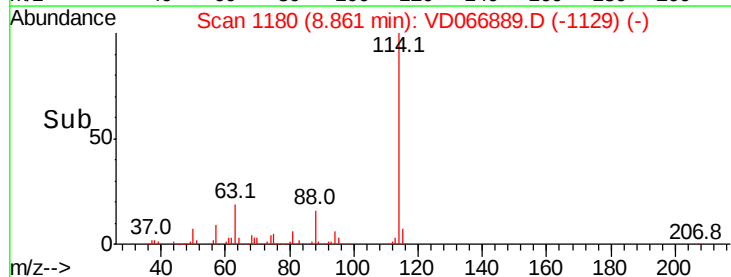
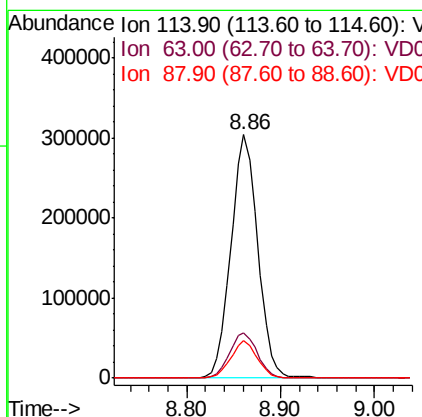
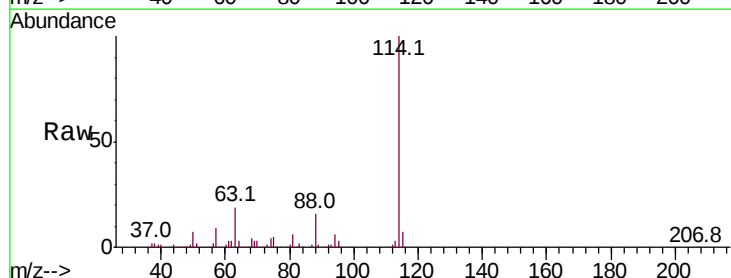
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

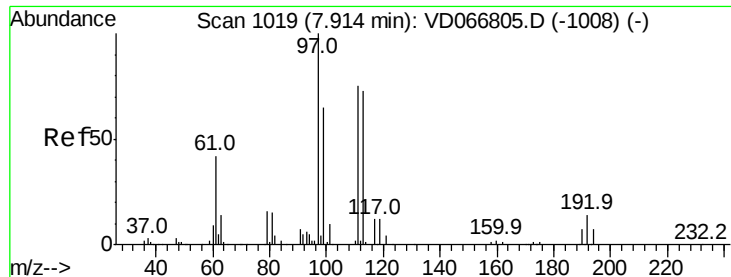
Tot Ion: 65 Resp: 178814
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion: 114 Resp: 603971
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.6
 88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.925 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

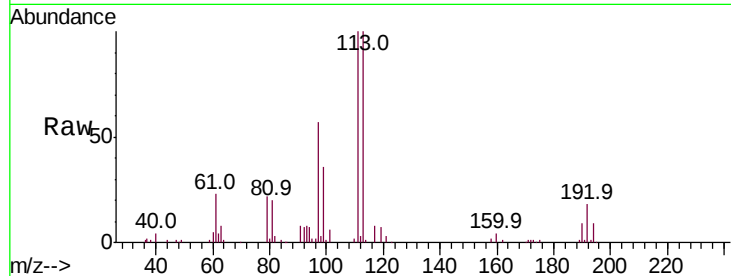
Tot Ion:113 Resp: 184150

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

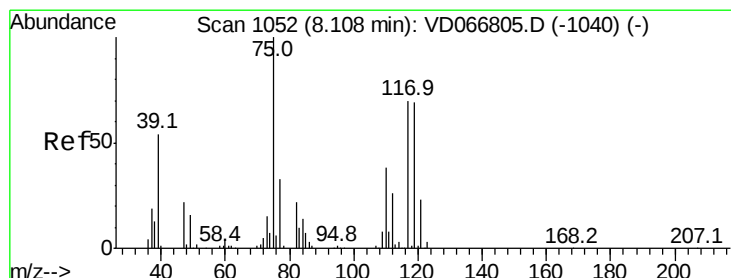
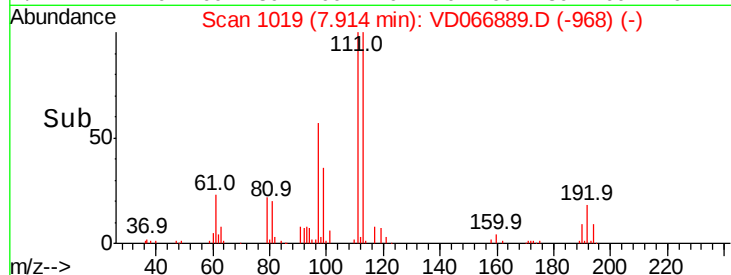
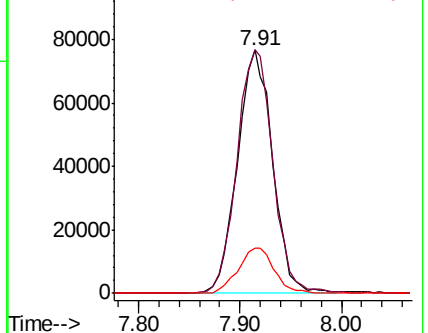
192 19.0 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.862 ug/l

RT: 8.11 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

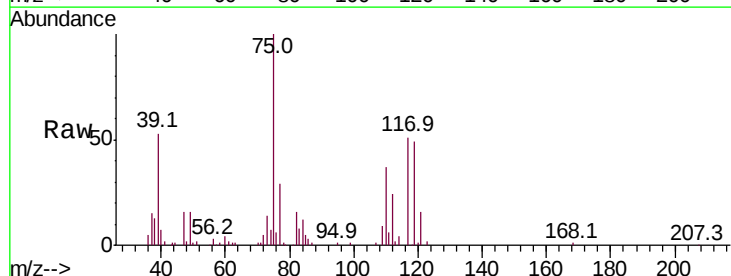
Tgt Ion: 75 Resp: 119011

Ion Ratio Lower Upper

75 100

110 36.8 17.9 53.8

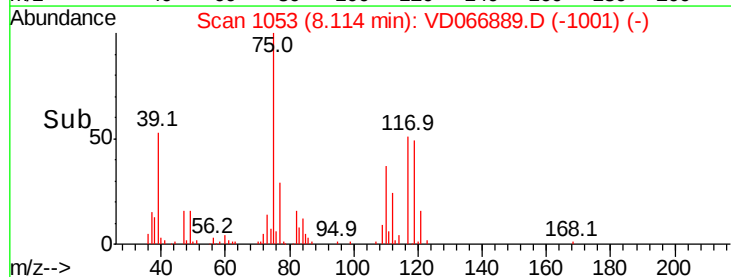
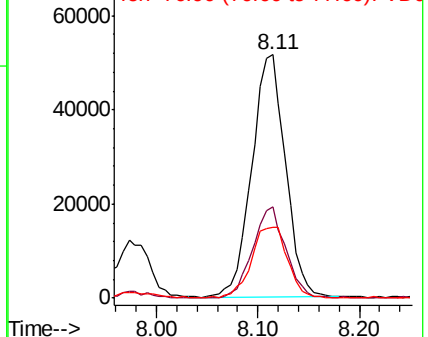
77 31.6 25.0 37.6

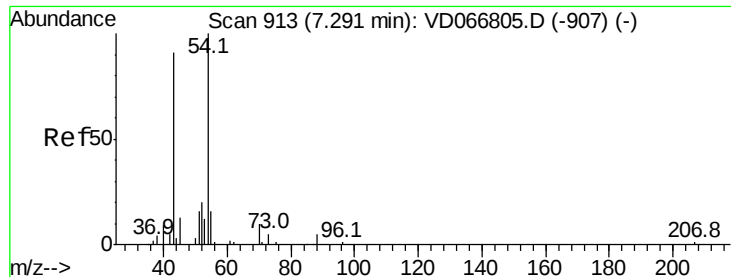


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

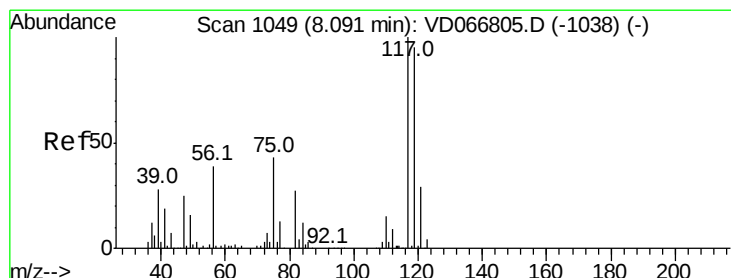
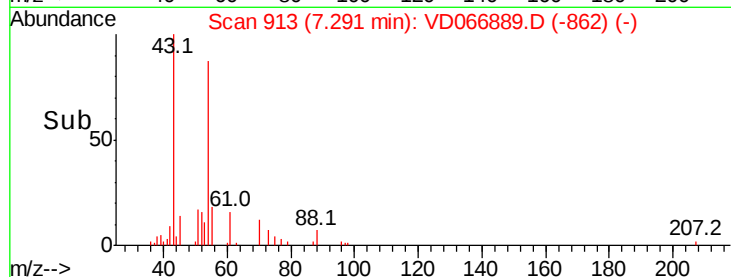
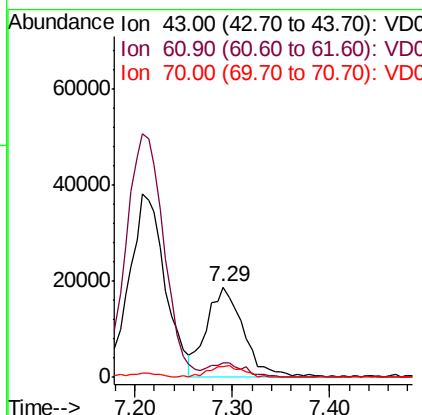
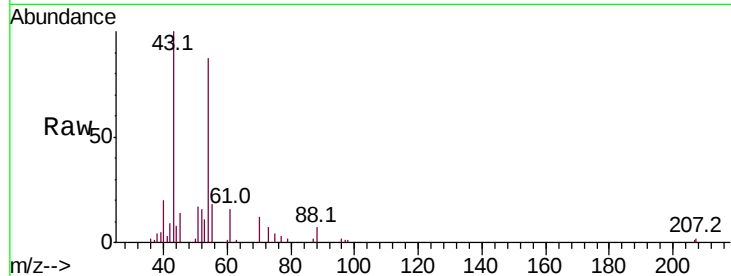




#37
Ethyl Acetate
Concen: 22.884 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

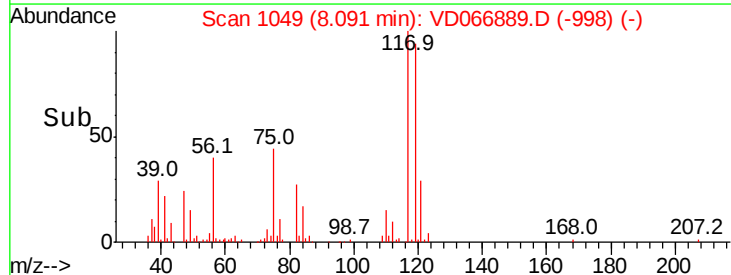
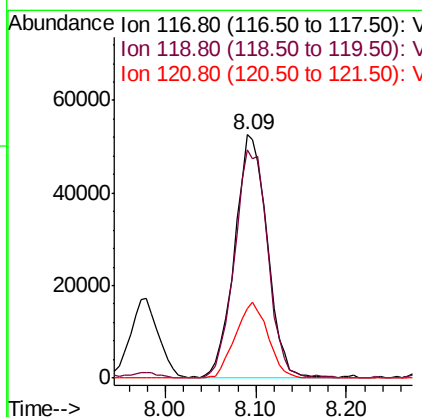
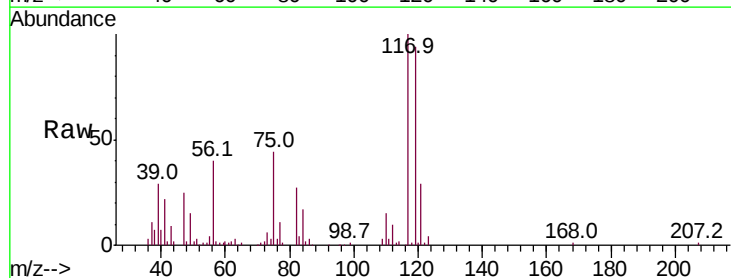
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

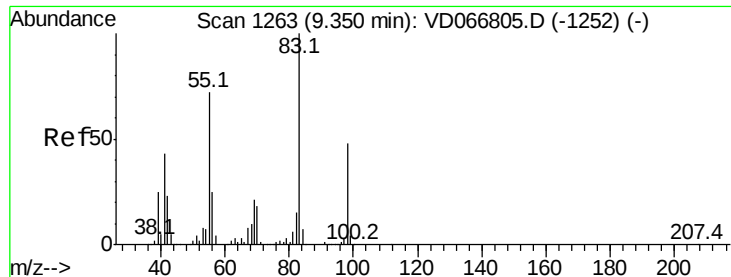
Tot Ion: 43 Resp: 49569
Ion Ratio Lower Upper
43 100
61 15.1 9.8 14.8#
70 12.4 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.010 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 117 Resp: 131084
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.8
121 28.8 23.4 35.0

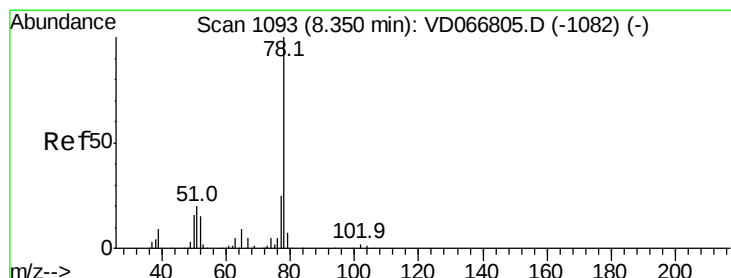
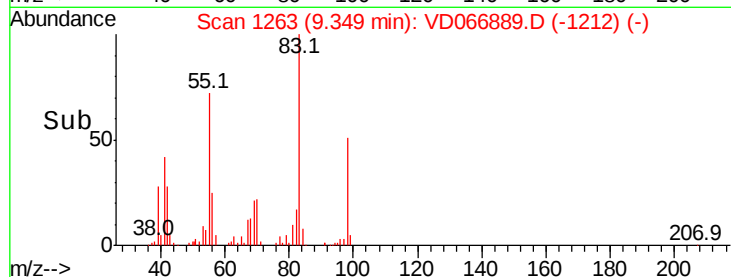
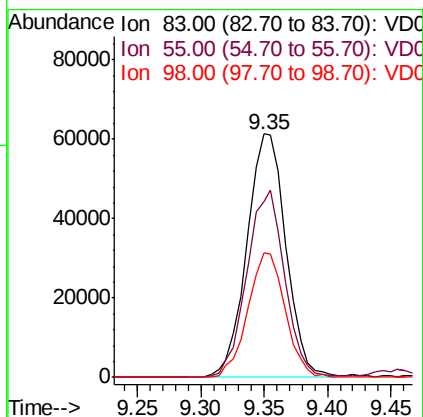
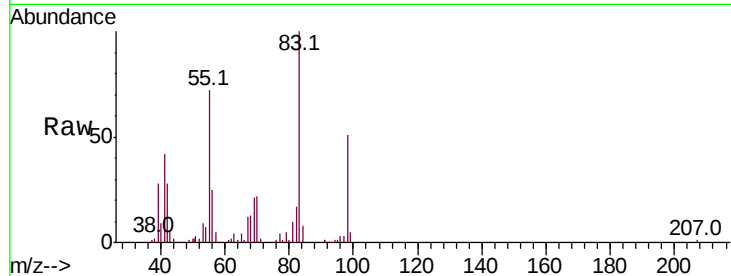




#39
Methvlcvclohexane
Concen: 19.160 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

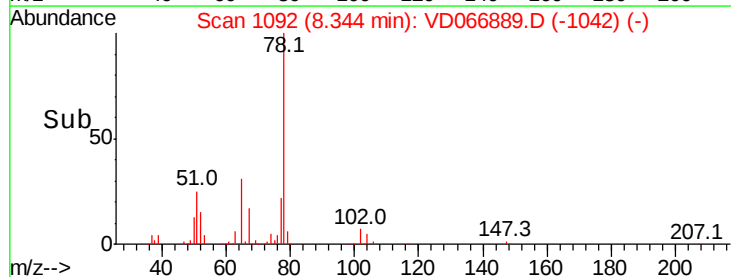
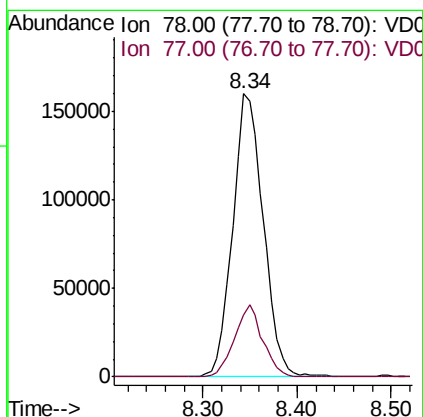
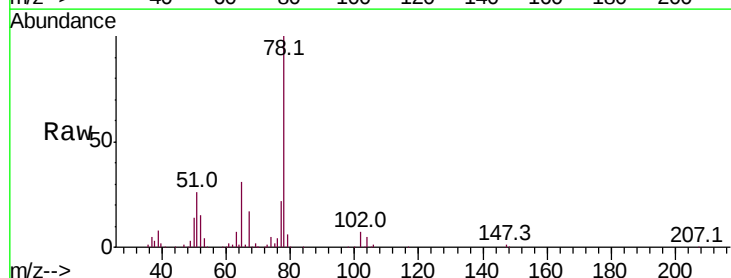
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

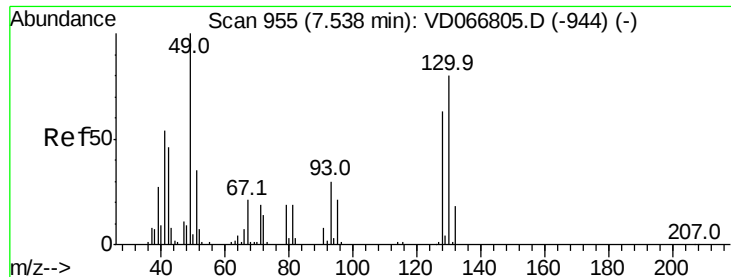
Tot Ion: 83 Resp: 131815
Ion Ratio Lower Upper
83 100
55 72.1 57.7 86.5
98 51.2 38.4 57.6



#40
Benzene
Concen: 21.556 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 78 Resp: 359972
Ion Ratio Lower Upper
78 100
77 22.1 19.9 29.9

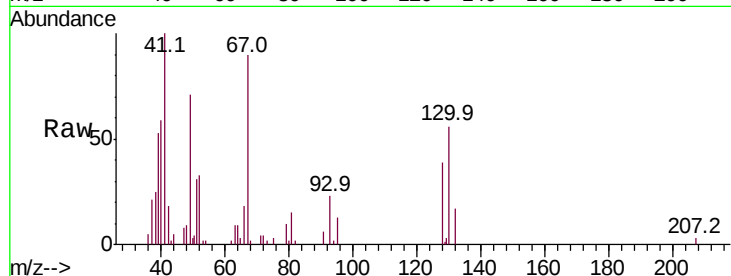




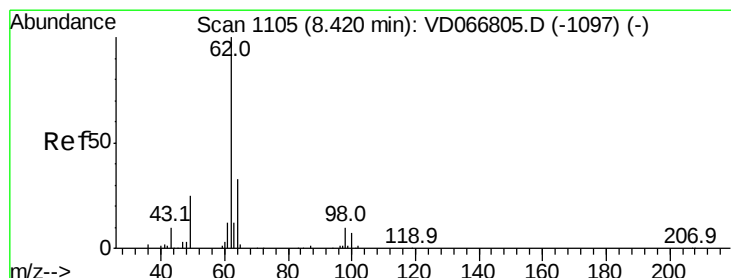
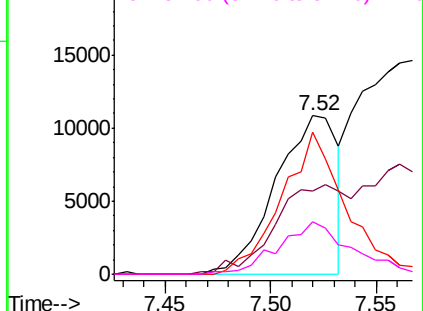
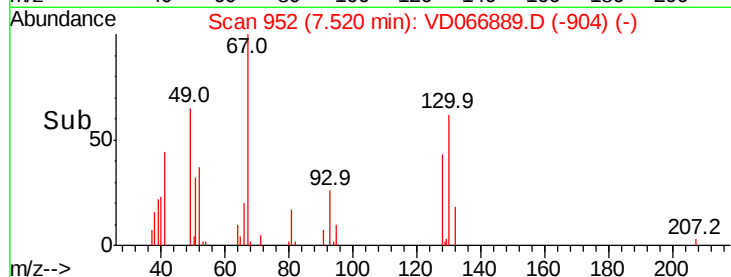
#41
Methacrylonitrile
Concen: 16.601 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion: 41 Resp: 22114
Ion Ratio Lower Upper
41 100
39 67.6 0.0 0.0#
67 94.0 0.0 0.0#
52 40.1 0.0 0.0#

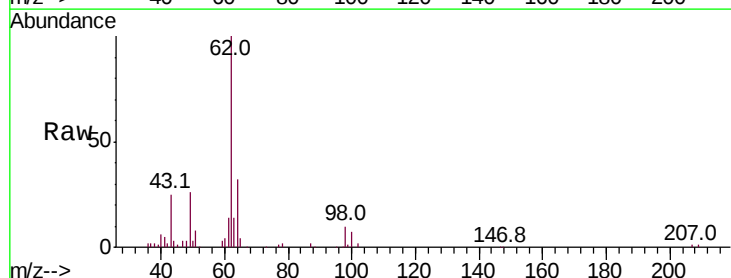


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

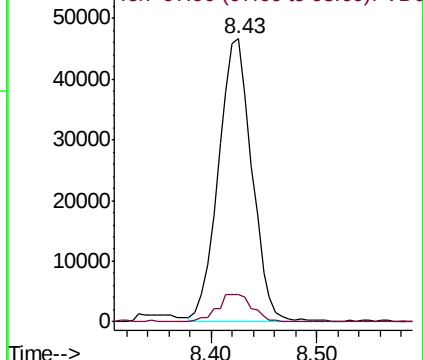
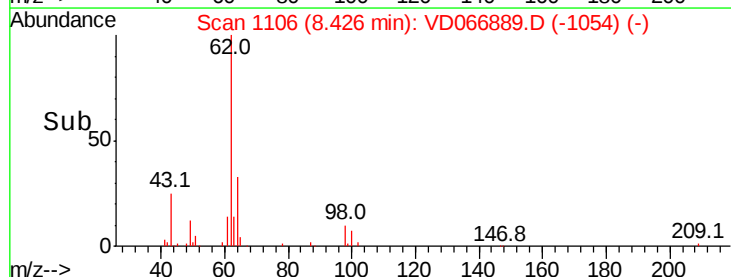


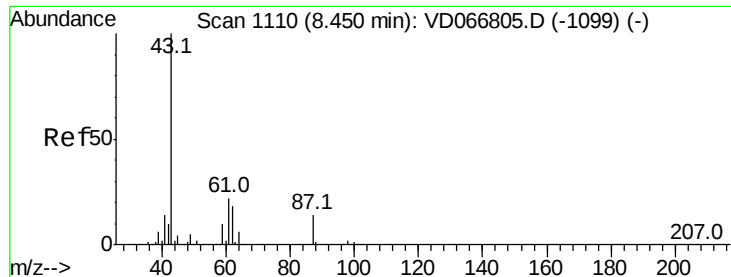
#42
1,2-Dichloroethane
Concen: 20.777 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.01 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 62 Resp: 102570
Ion Ratio Lower Upper
62 100
98 10.1 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: 21.295 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

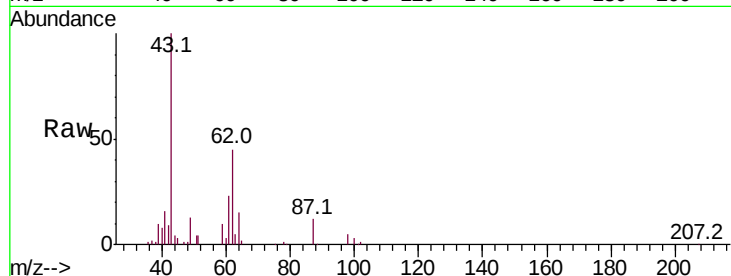
Tot Ion: 43 Resp: 88933

Ion Ratio Lower Upper

43 100

61 31.2 26.2 39.4

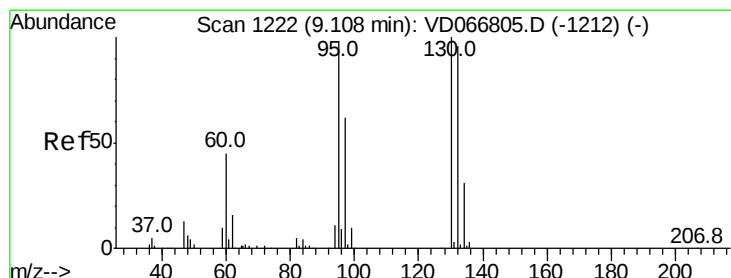
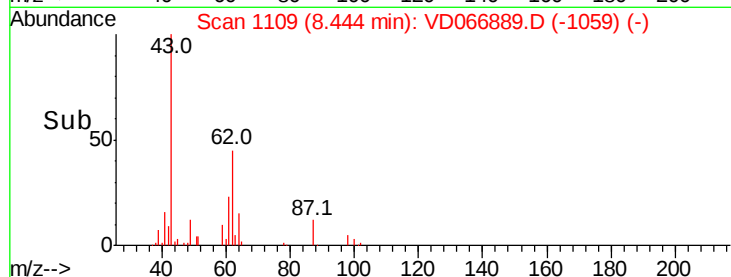
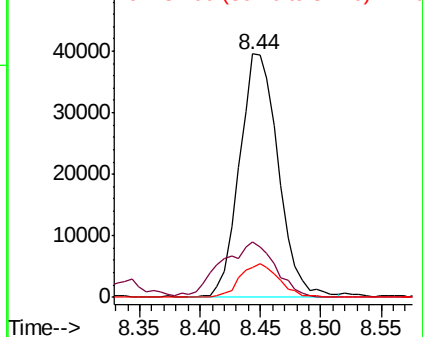
87 13.8 11.5 17.3



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: 20.999 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066889.D

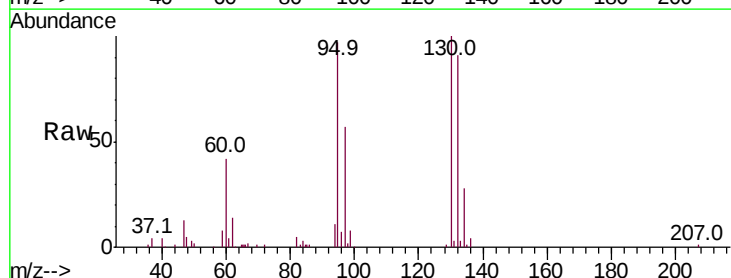
Acq: 25 Sep 2020 23:54

Tgt Ion: 130 Resp: 99950

Ion Ratio Lower Upper

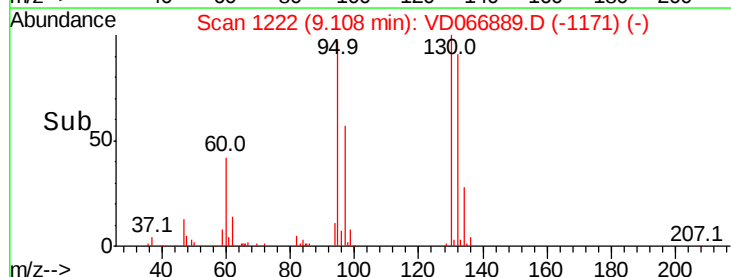
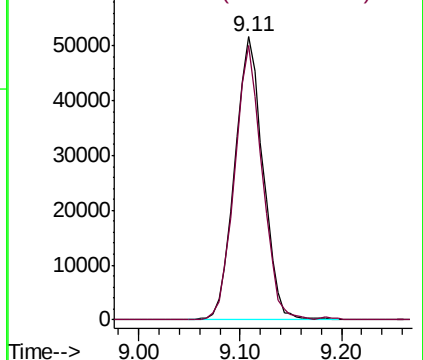
130 100

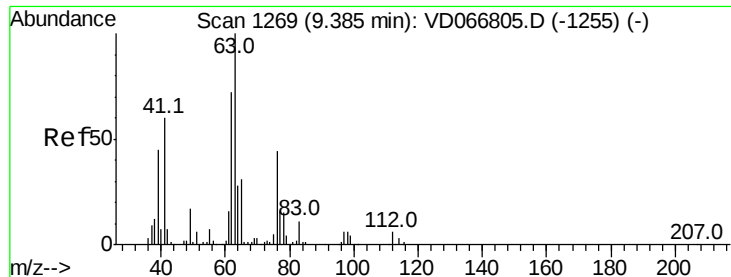
95 96.9 0.0 197.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.346 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

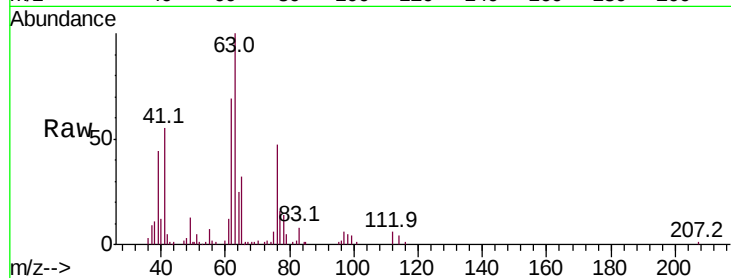
VD0925SBS02

Tot Ion: 63 Resp: 89687

Ion Ratio Lower Upper

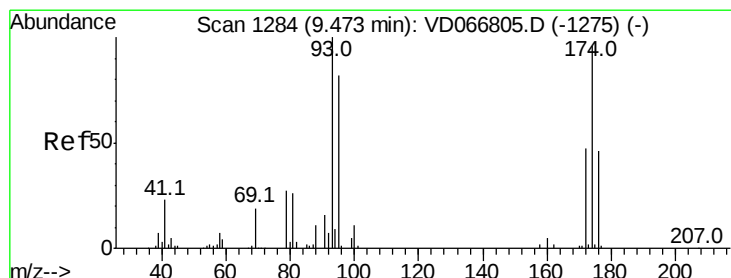
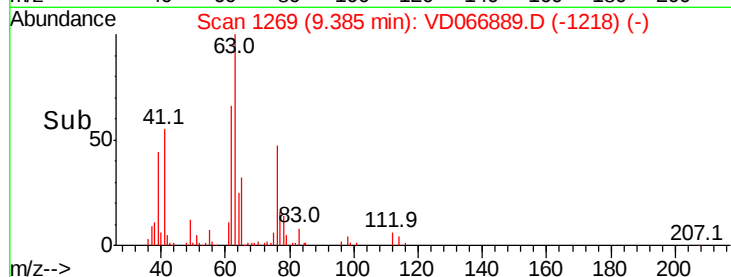
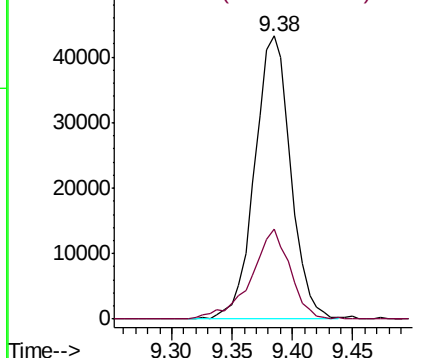
63 100

65 31.5 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: 21.869 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

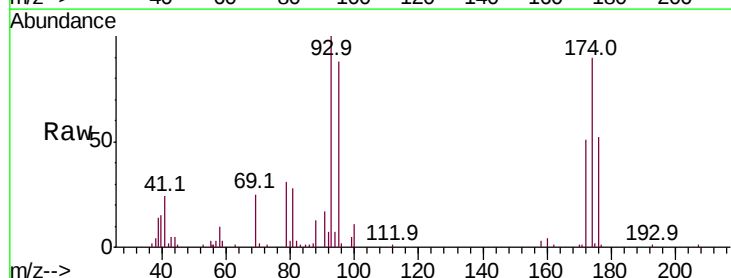
Tgt Ion: 93 Resp: 49923

Ion Ratio Lower Upper

93 100

95 81.4 65.3 97.9

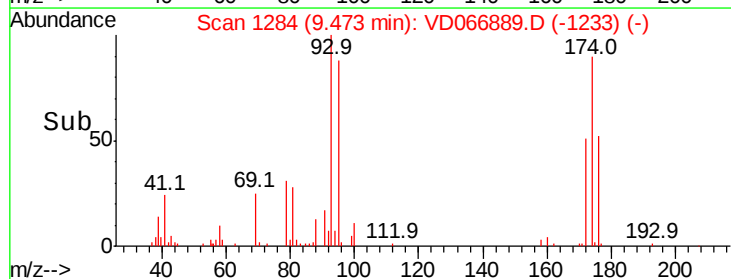
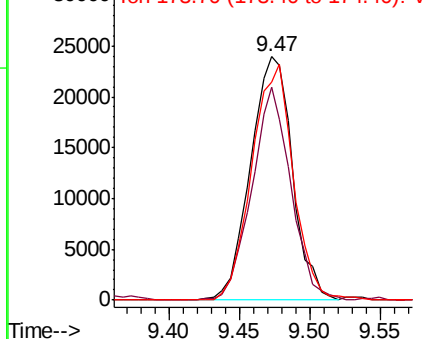
174 95.7 75.4 113.2

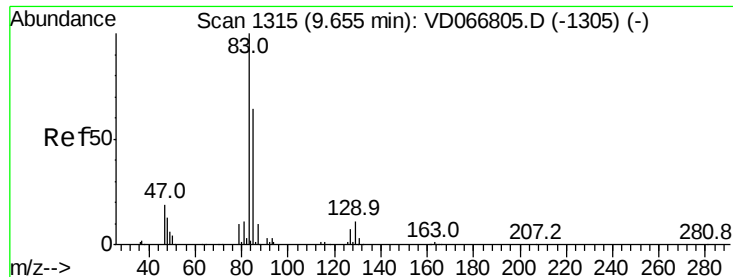


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.822 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

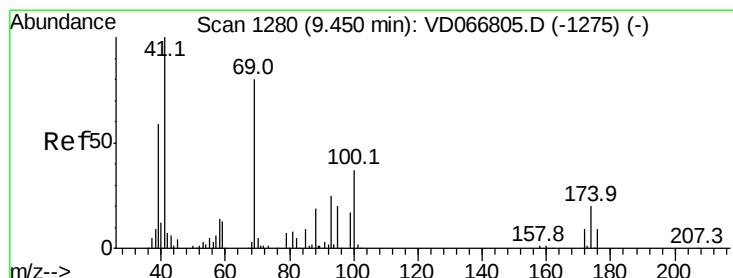
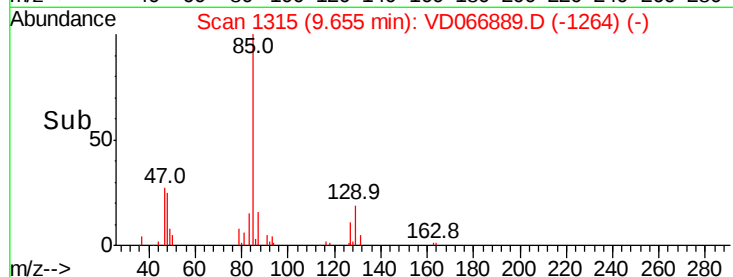
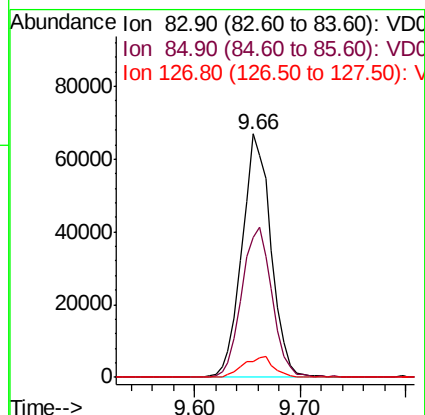
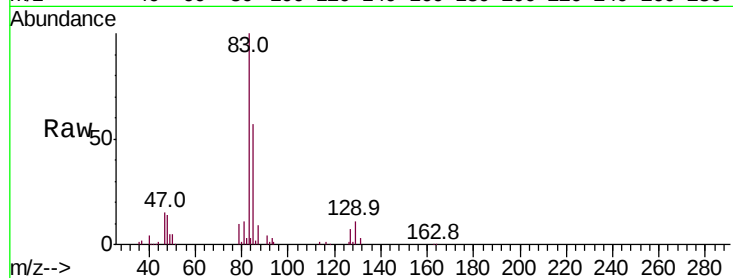
Tot Ion: 83 Resp: 127685

Ion Ratio Lower Upper

83 100

85 57.3 50.9 76.3

127 6.5 5.9 8.9



#48

Methyl methacrylate

Concen: 22.422 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

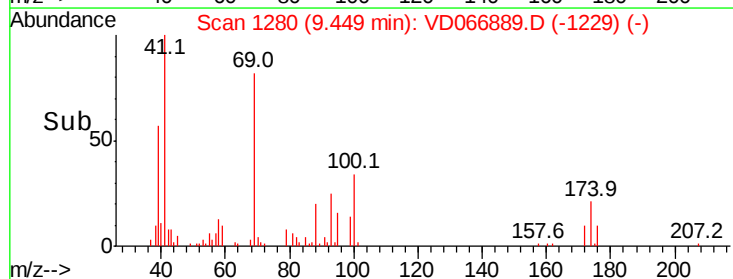
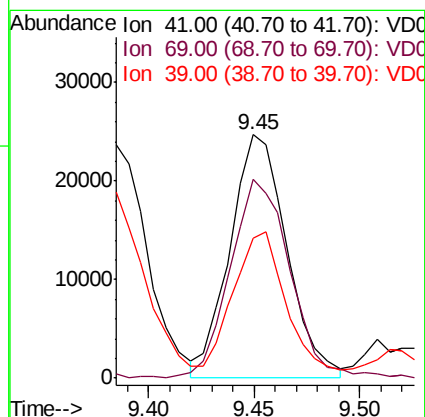
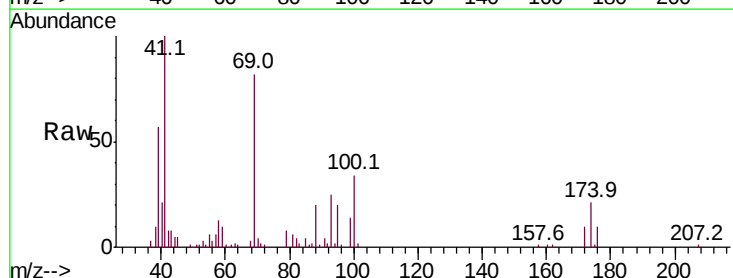
Tgt Ion: 41 Resp: 46168

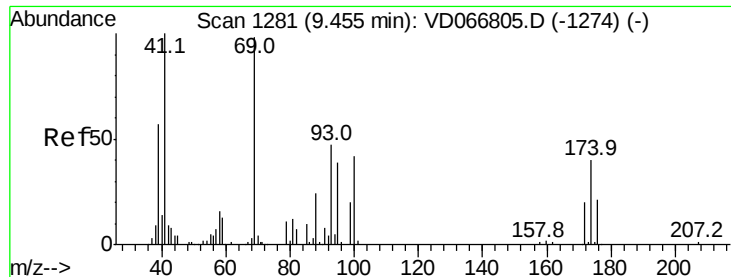
Ion Ratio Lower Upper

41 100

69 85.9 74.5 111.7

39 51.4 47.0 70.6





#49

1,4-Dioxane

Concen: 428.746 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

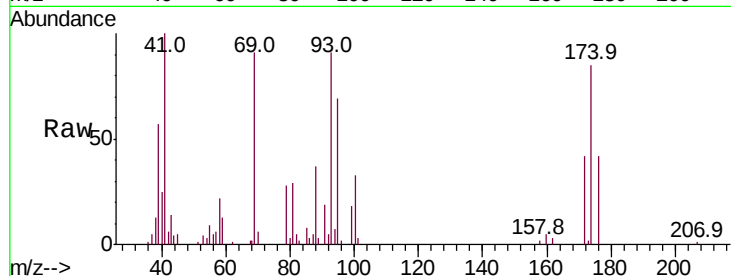
Tot Ion: 88 Resp: 12634

Ion Ratio Lower Upper

88 100

43 35.4 27.7 41.5

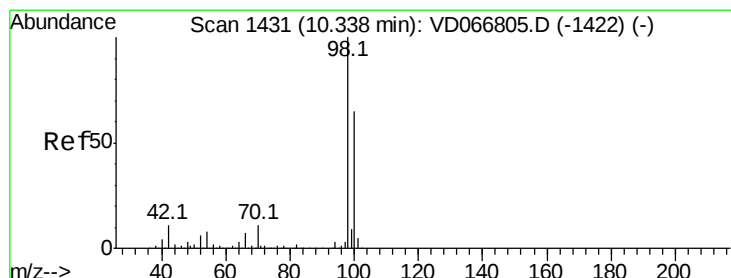
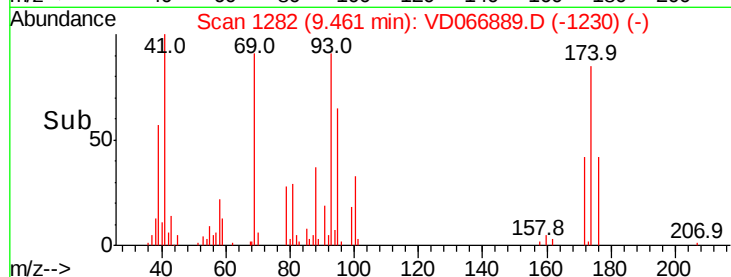
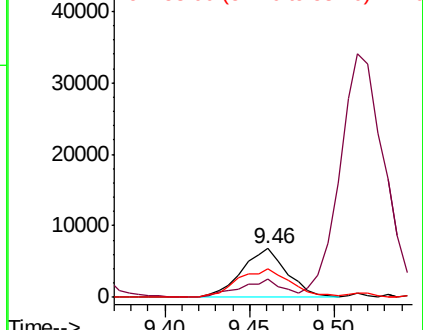
58 68.8 55.5 83.3



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: 50.035 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066889.D

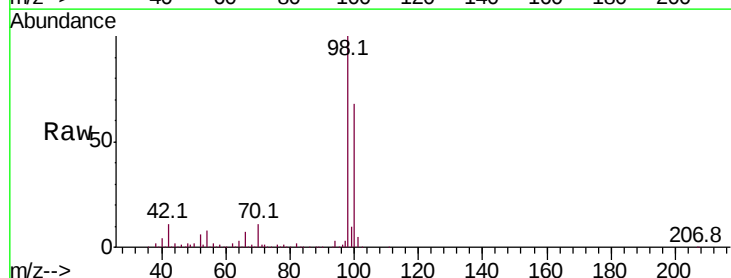
Acq: 25 Sep 2020 23:54

Tgt Ion: 98 Resp: 655056

Ion Ratio Lower Upper

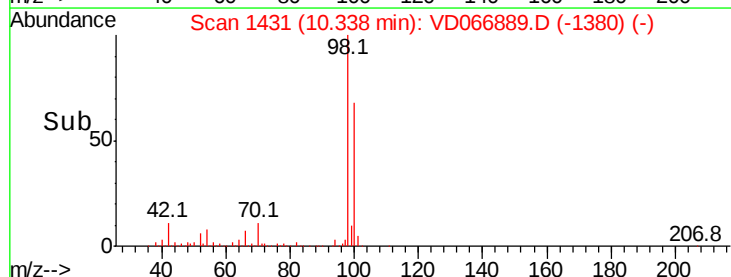
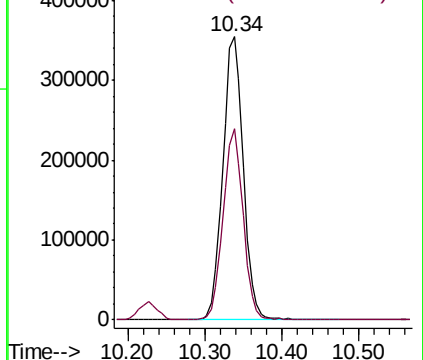
98 100

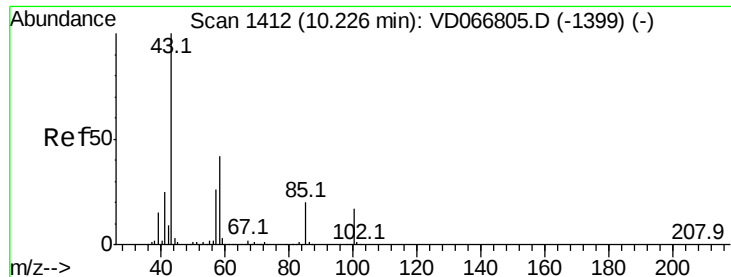
100 66.2 52.2 78.2



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: 105.718 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

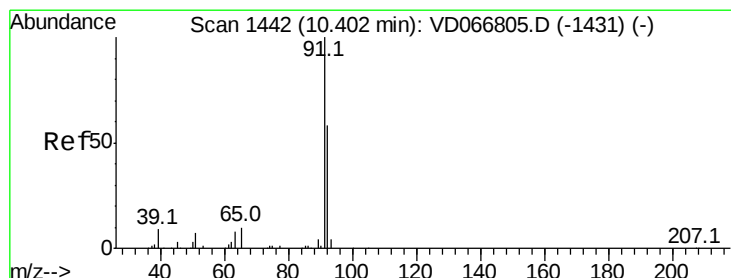
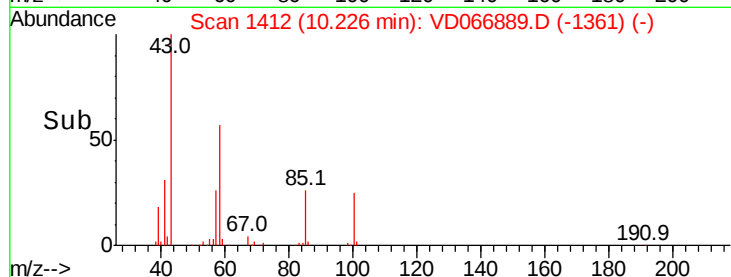
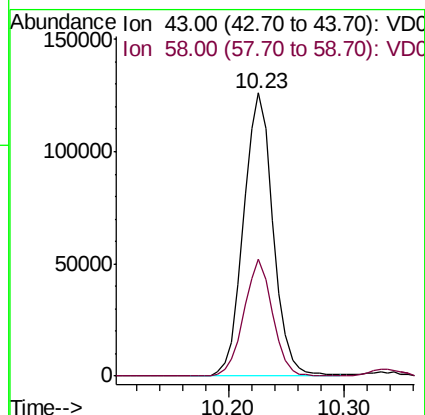
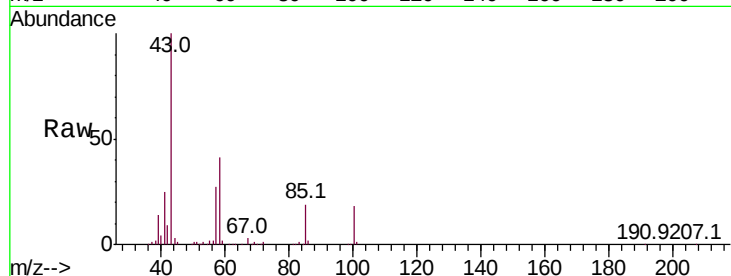
VD0925SBS02

Tot Ion: 43 Resp: 223708

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.4



#52

Toluene

Concen: 21.517 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066889.D

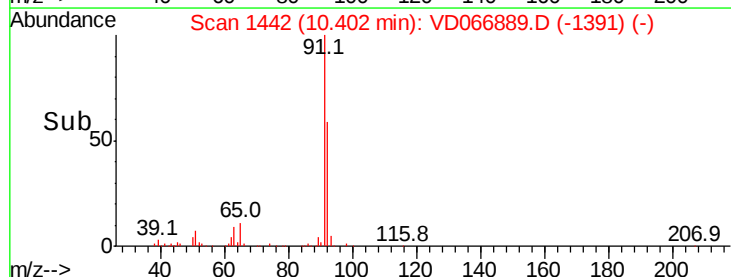
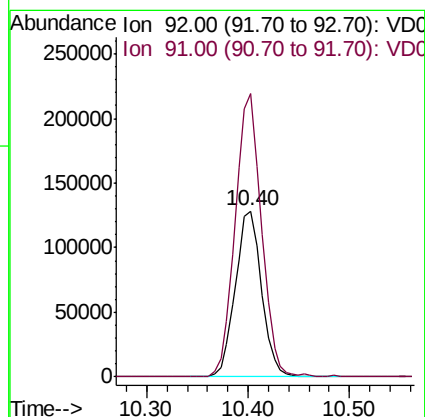
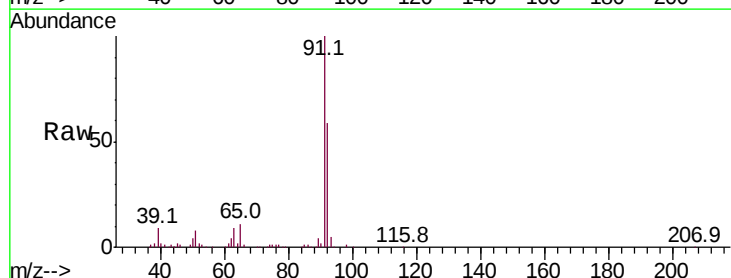
Acq: 25 Sep 2020 23:54

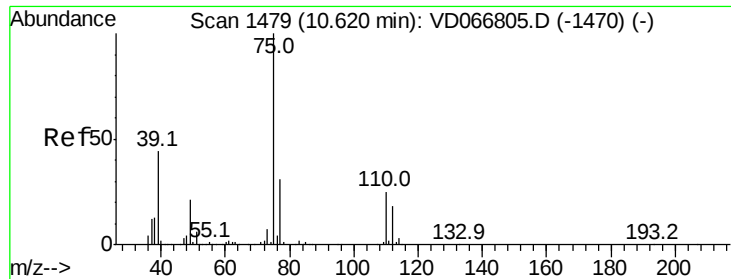
Tgt Ion: 92 Resp: 231454

Ion Ratio Lower Upper

92 100

91 170.6 134.6 202.0





#53

t-1,3-Dichloropropene

Concen: 21.252 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

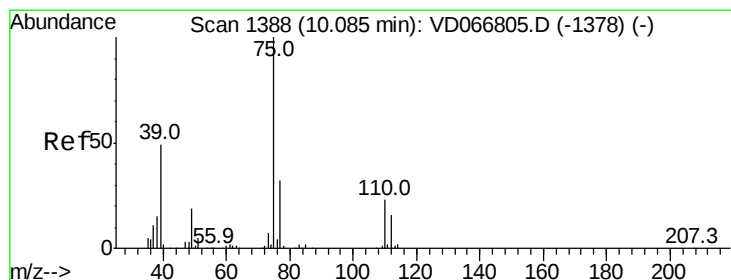
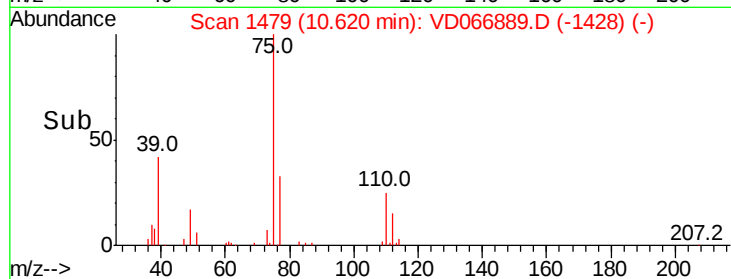
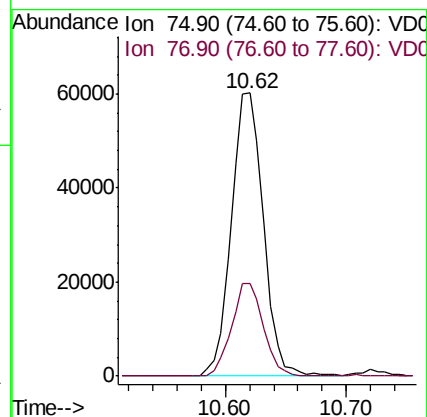
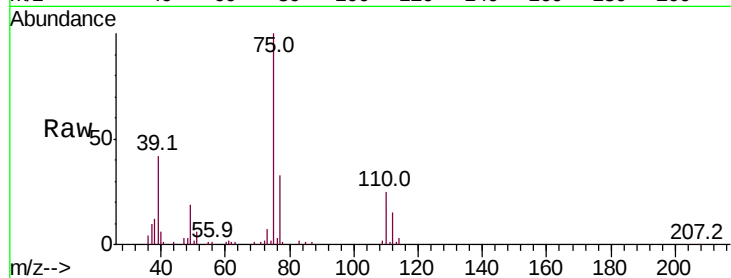
VD0925SBS02

Tot Ion: 75 Resp: 110924

Ion Ratio Lower Upper

75 100

77 32.7 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 21.198 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

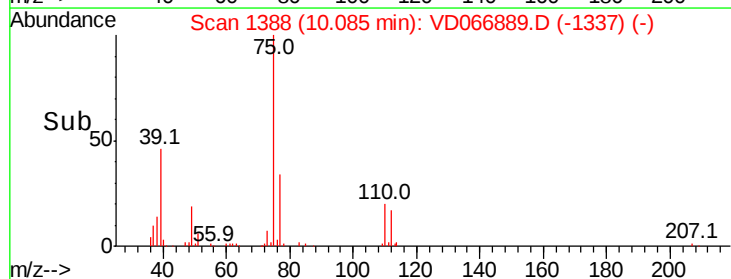
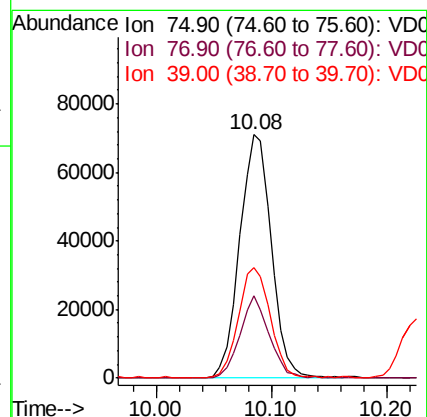
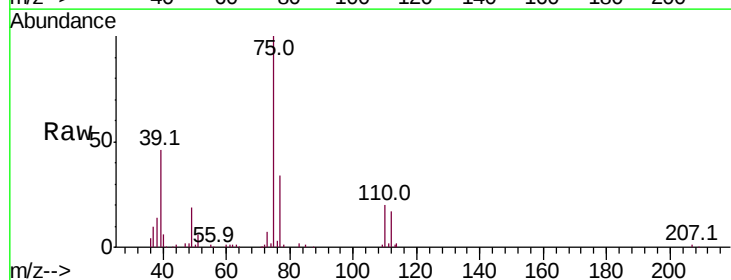
Tgt Ion: 75 Resp: 134908

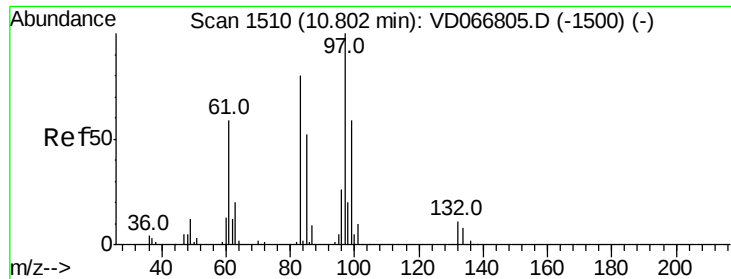
Ion Ratio Lower Upper

75 100

77 33.8 25.6 38.4

39 45.1 39.2 58.8

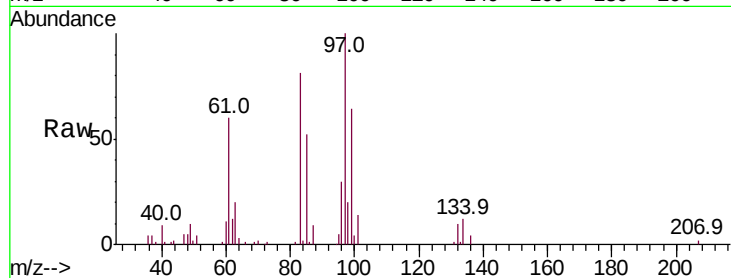




#55
 1,1,2-Trichloroethane
 Concen: 20.977 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion:	97	Resp:	65831
Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.2	96.2
85	52.4	41.9	62.9
99	63.5	47.5	71.3



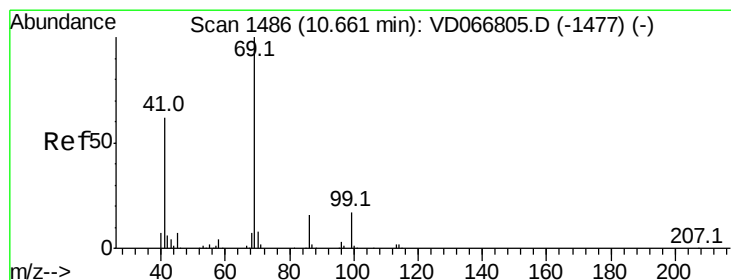
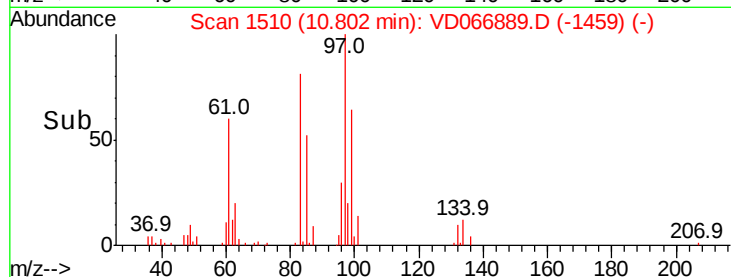
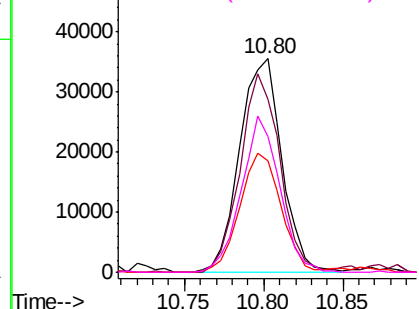
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

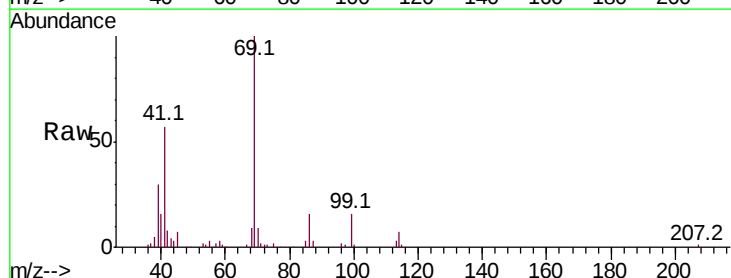
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 21.434 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion:	69	Resp:	72060
Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.2	78.2
39	32.2	26.6	40.0

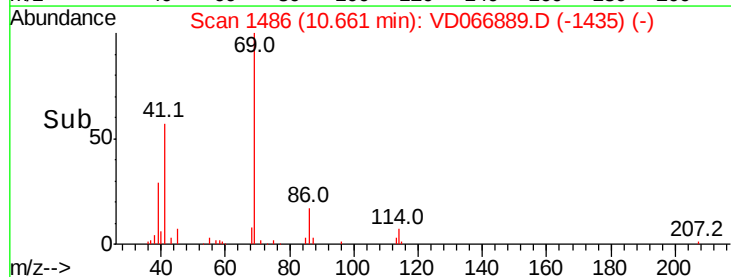
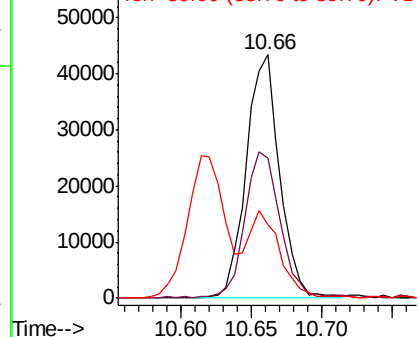


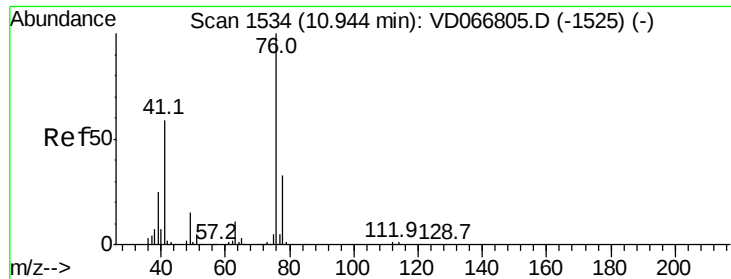
Abundance

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: 21.841 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

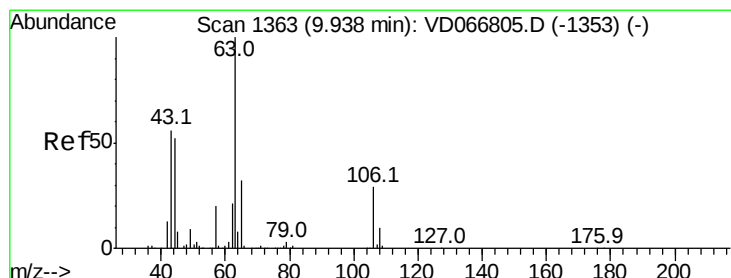
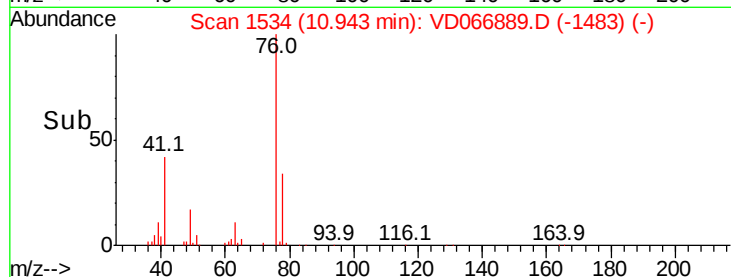
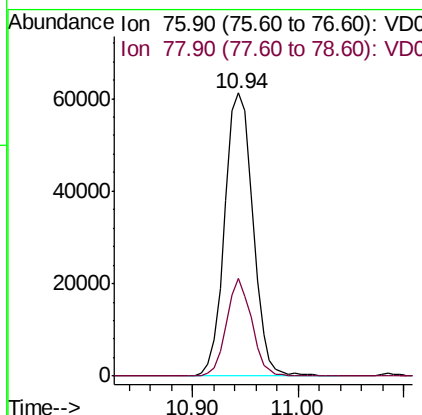
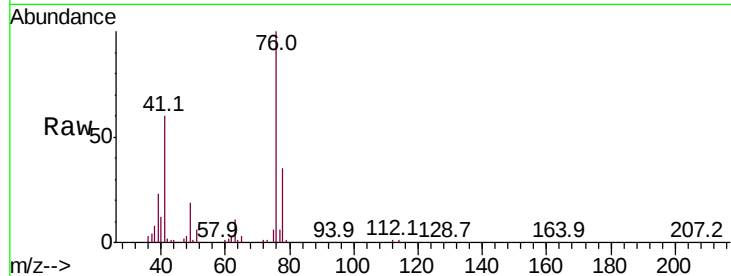
Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion: 76 Resp: 113179

Ion	Ratio	Lower	Upper
76	100		
78	30.8	26.3	39.5



#58

2-Chloroethyl Vinyl ether

Concen: 122.429 ug/l

RT: 9.94 min Scan# 1363

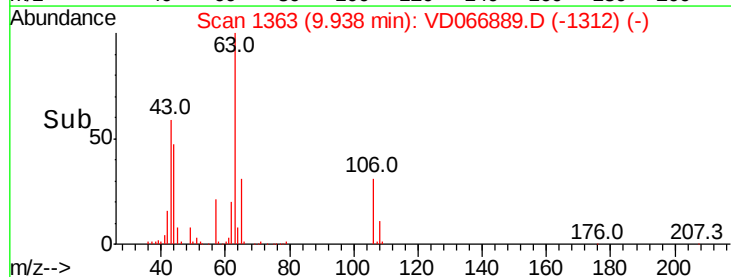
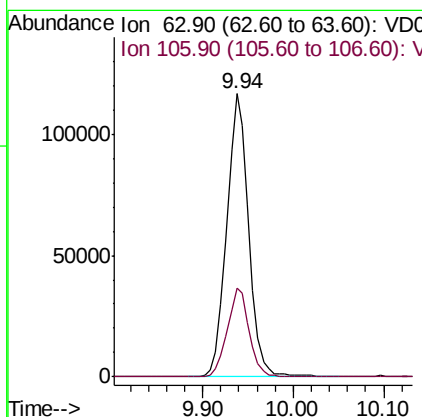
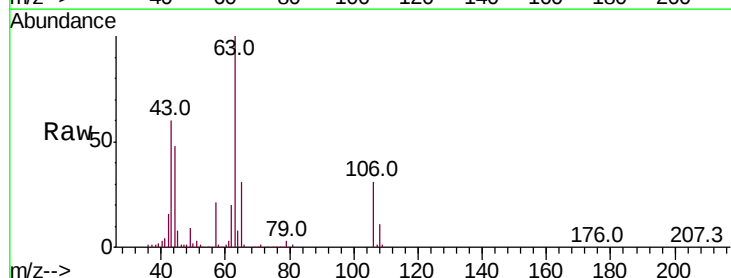
Delta R.T. -0.00 min

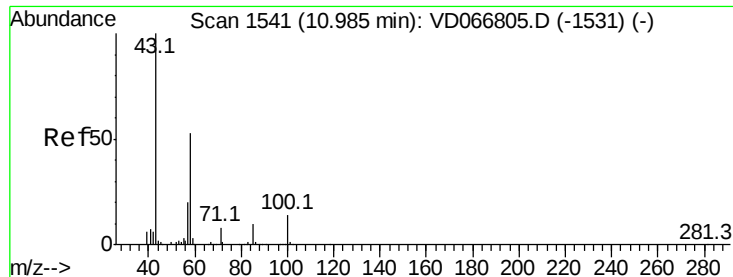
Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion: 63 Resp: 194888

Ion	Ratio	Lower	Upper
63	100		
106	31.3	23.8	35.6

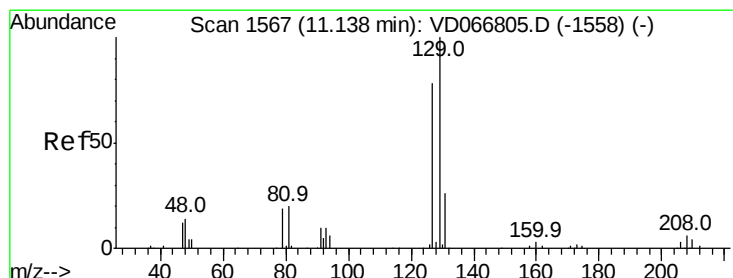
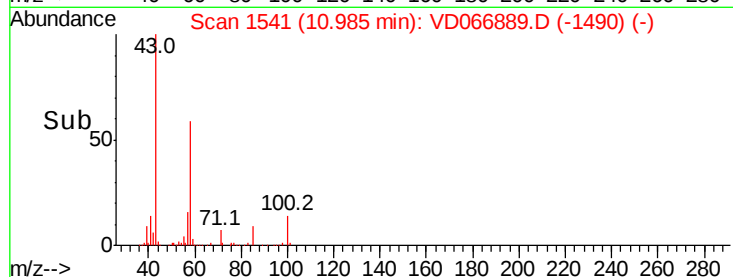
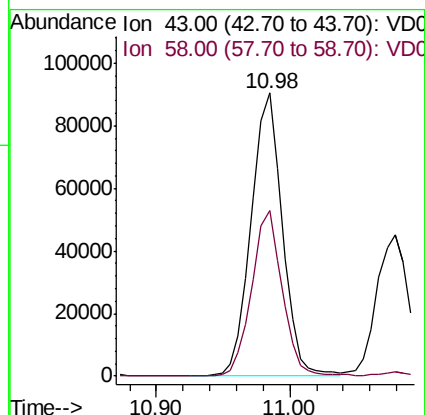
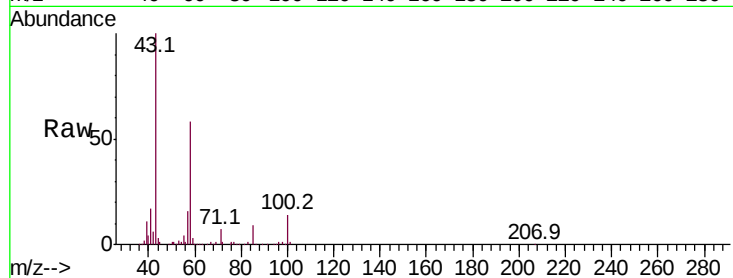




#59
2-Hexanone
Concen: 102.442 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

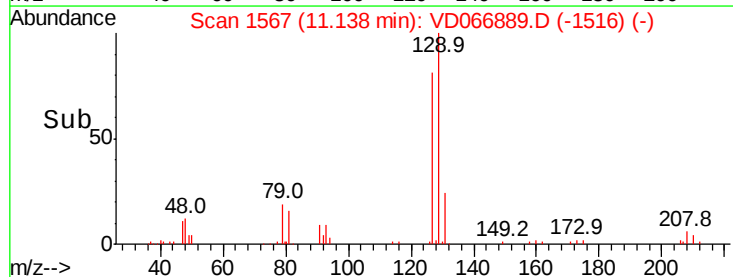
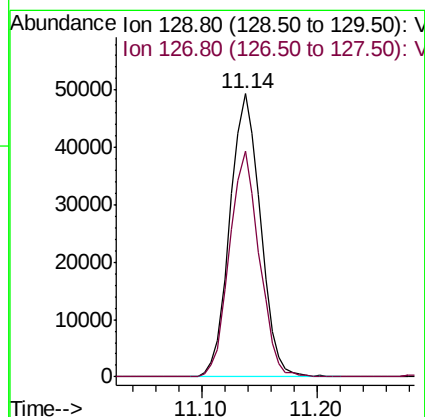
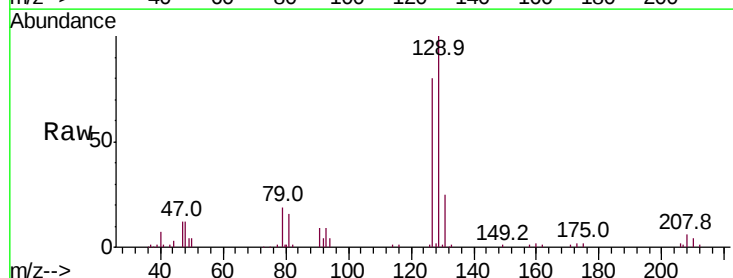
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

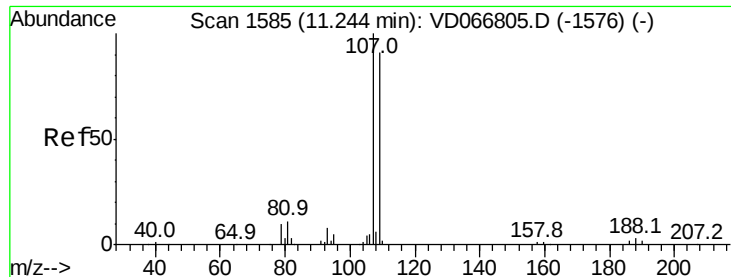
Tot Ion: 43 Resp: 146188
Ion Ratio Lower Upper
43 100
58 57.2 27.0 80.8



#60
Dibromochloromethane
Concen: 22.141 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion:129 Resp: 90685
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0

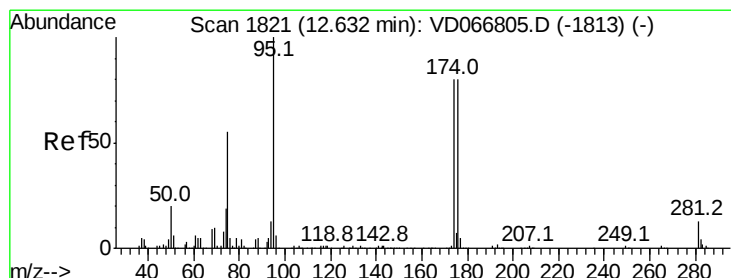
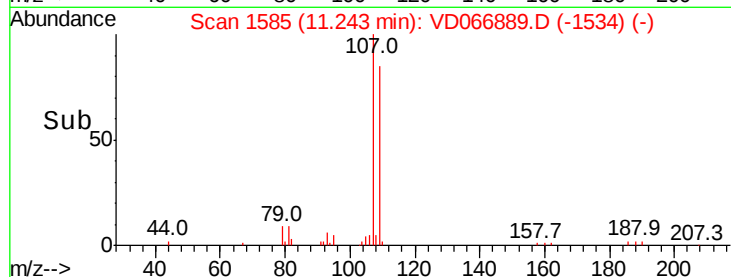
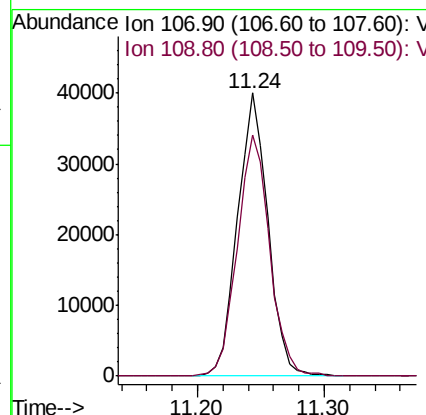
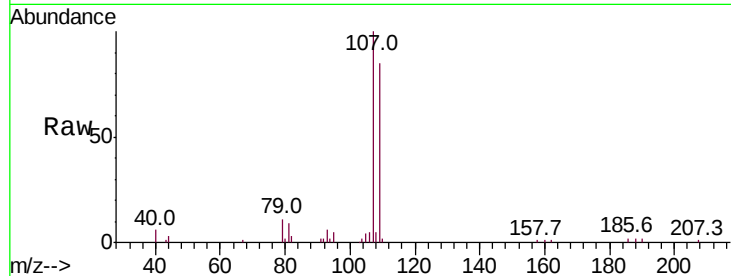




#61
 1,2-Dibromoethane
 Concen: 22.677 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

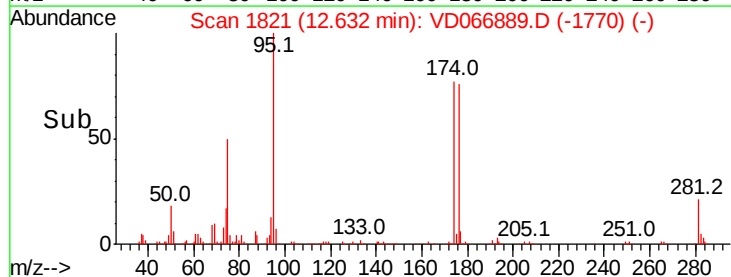
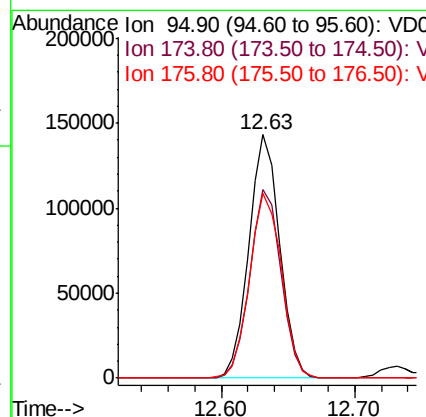
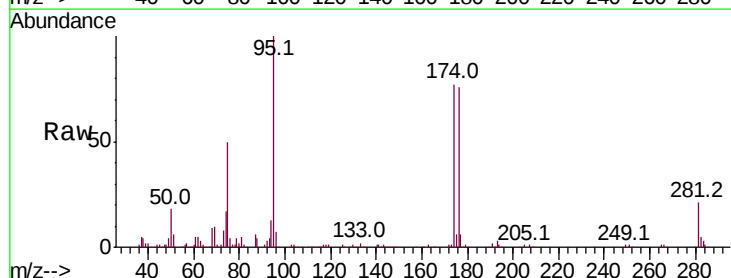
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

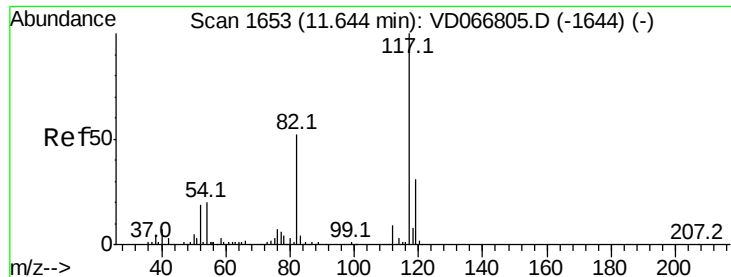
Tot Ion:107 Resp: 66193
 Ion Ratio Lower Upper
 107 100
 109 90.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 50.837 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion: 95 Resp: 227845
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 159.8
 176 78.5 0.0 154.4

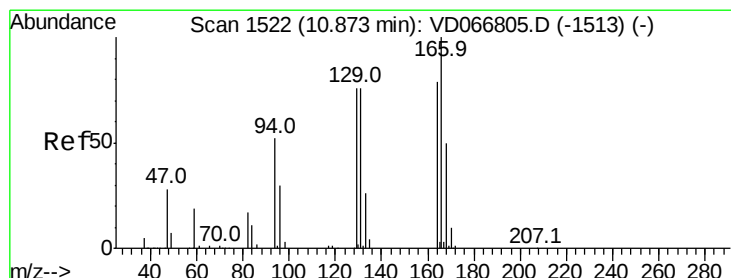
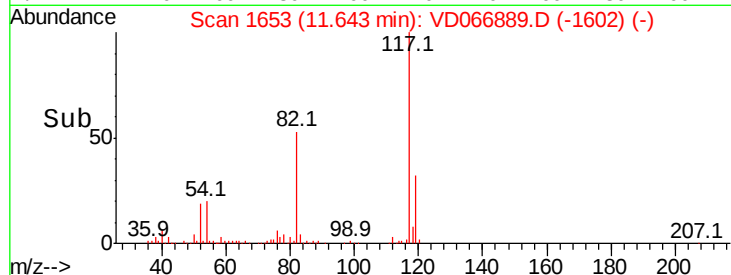
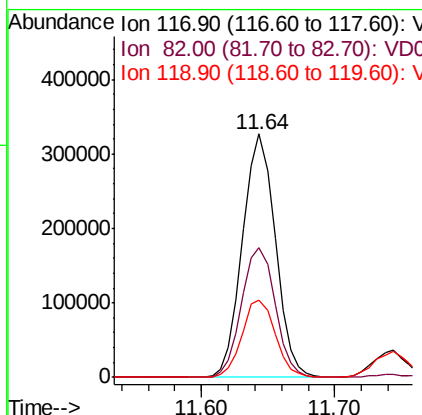
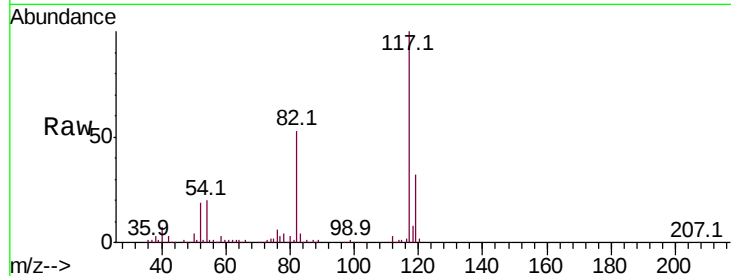




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

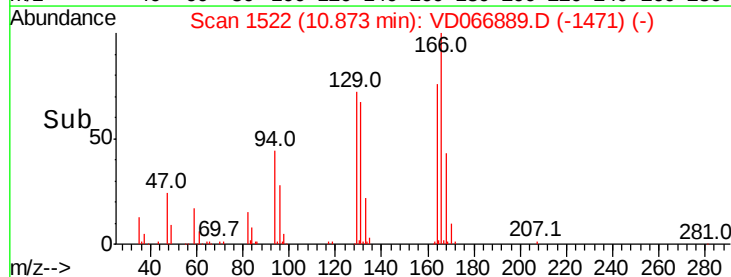
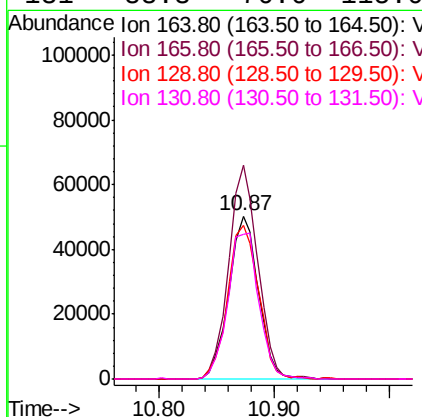
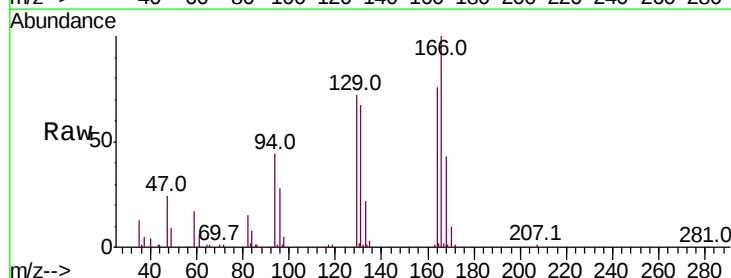
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

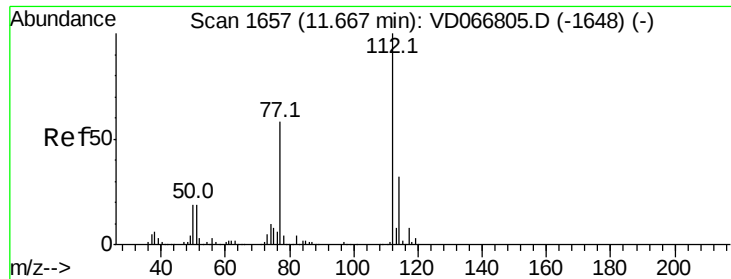
Tot Ion:117 Resp: 558998
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.6
119 31.6 24.6 37.0



#64
Tetrachloroethene
Concen: 22.193 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion:164 Resp: 89236
Ion Ratio Lower Upper
164 100
166 130.9 101.1 151.7
129 93.9 77.0 115.4
131 88.3 76.6 115.0

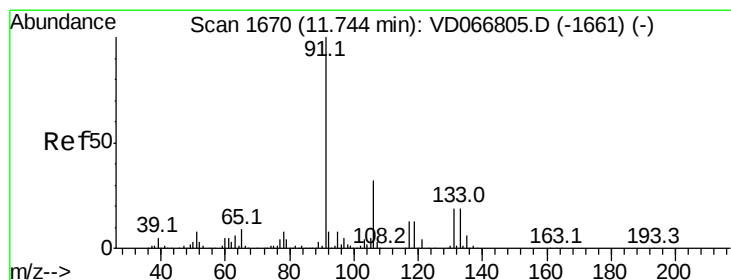
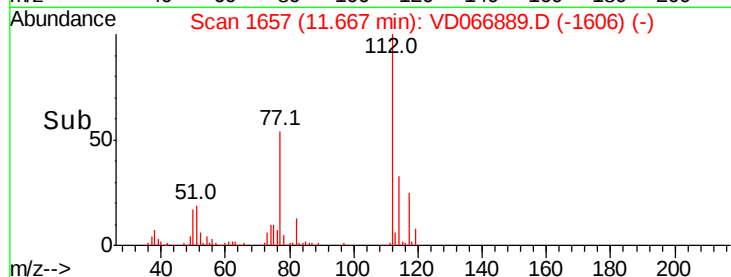
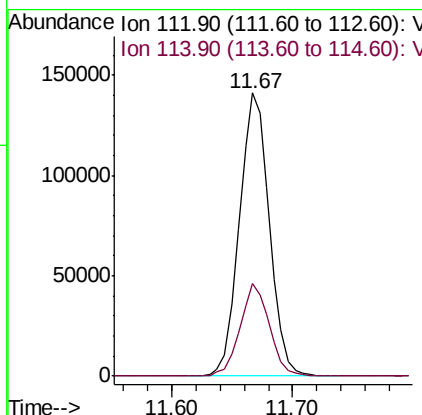
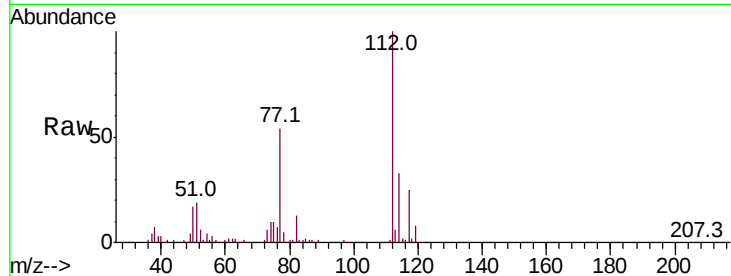




#65
Chlorobenzene
Concen: 20.928 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

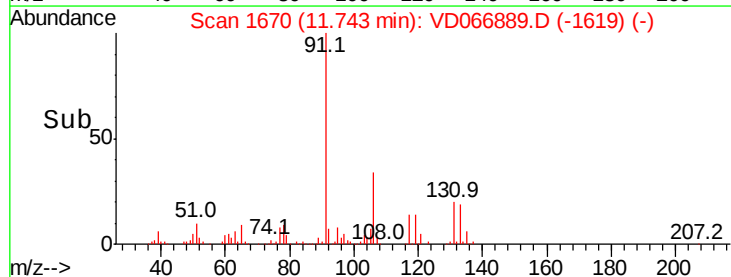
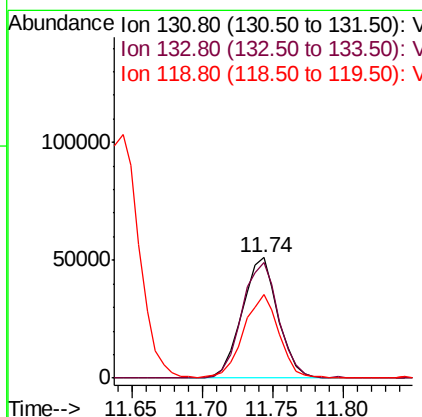
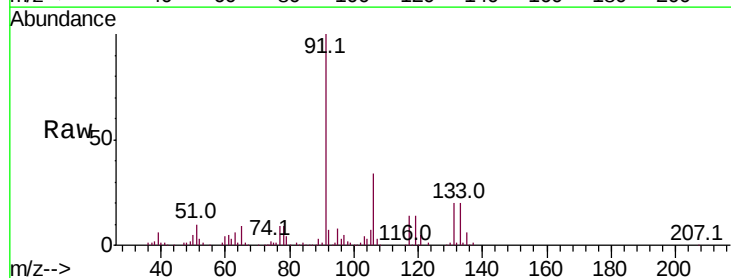
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

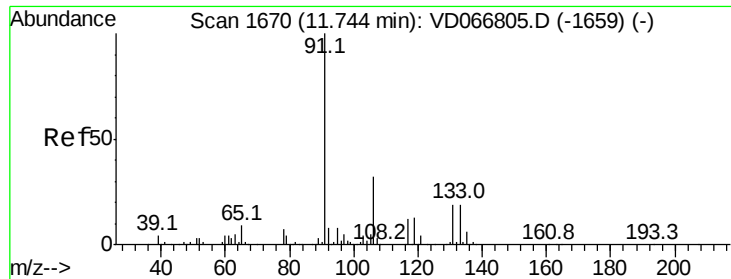
Tot Ion:112 Resp: 243517
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.626 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion:131 Resp: 90836
Ion Ratio Lower Upper
131 100
133 99.1 46.7 140.1
119 68.7 32.3 96.9

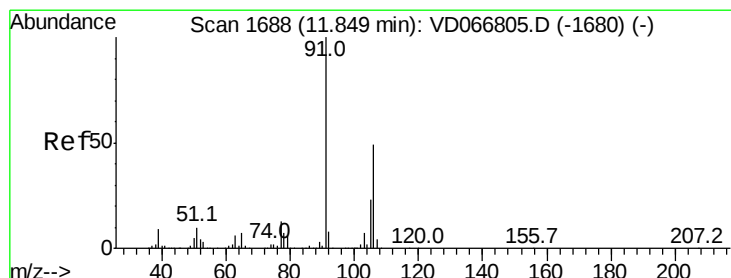
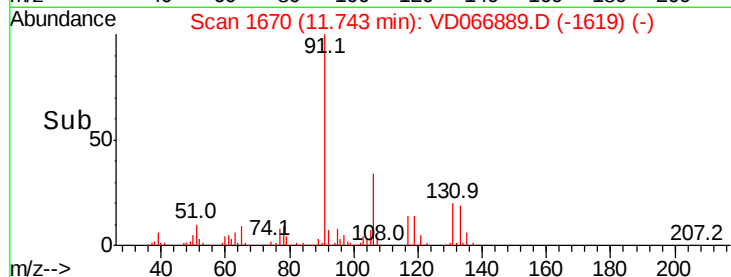
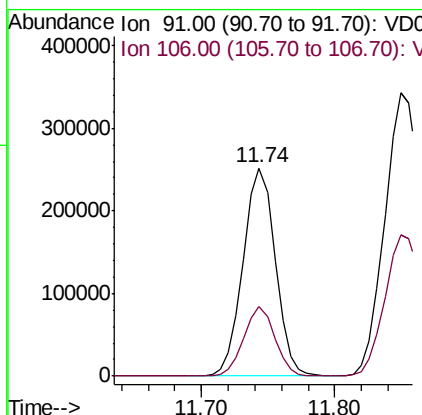
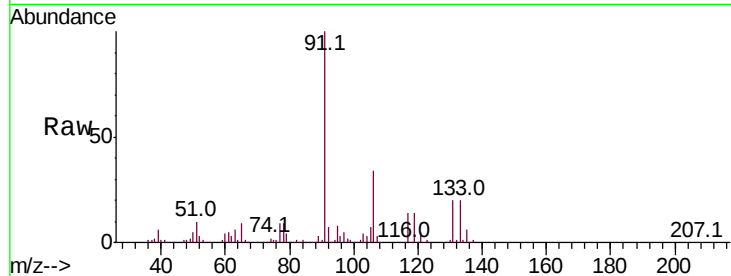




#67
Ethyl Benzene
Concen: 20.618 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

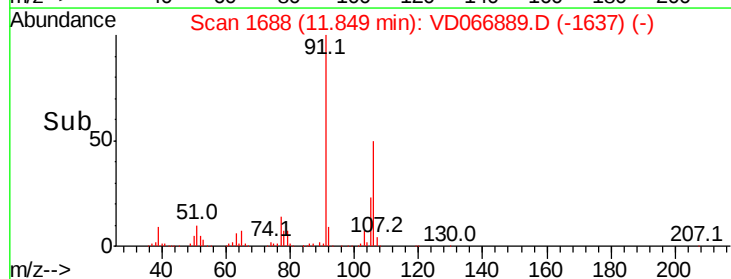
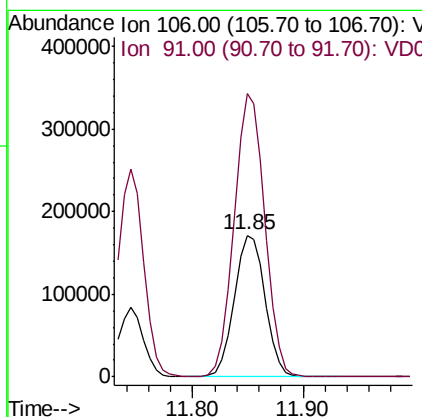
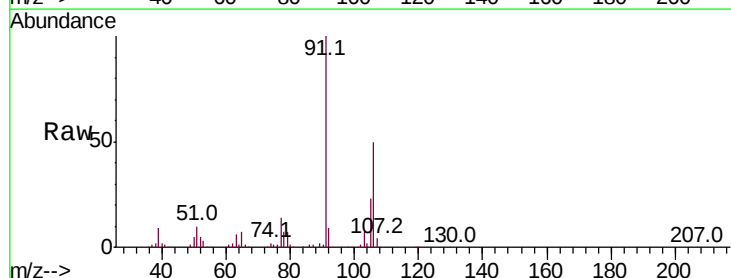
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

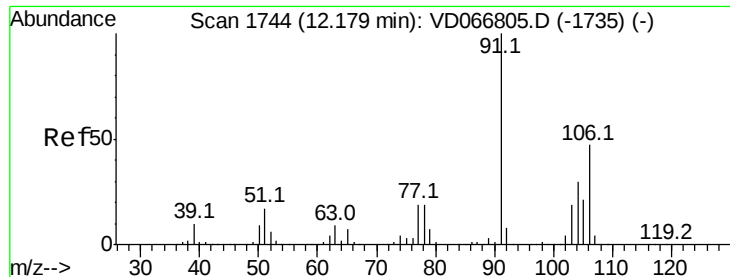
Tot Ion: 91 Resp: 421347
Ion Ratio Lower Upper
91 100
106 33.7 25.6 38.4



#68
m/p-Xylenes
Concen: 43.228 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 106 Resp: 334474
Ion Ratio Lower Upper
106 100
91 199.3 160.7 241.1

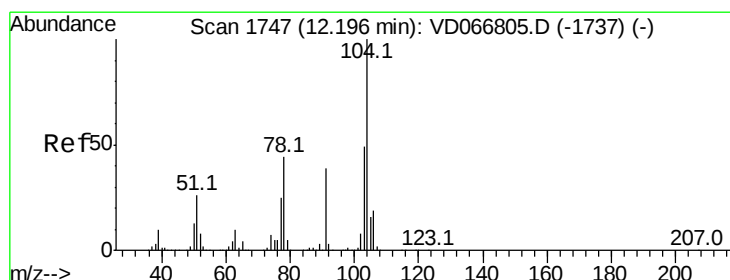
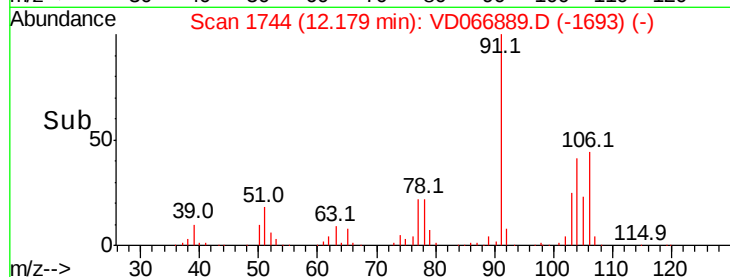
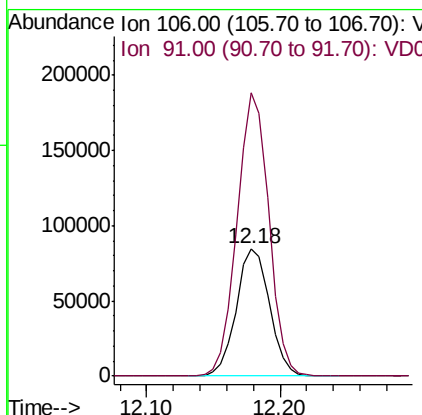
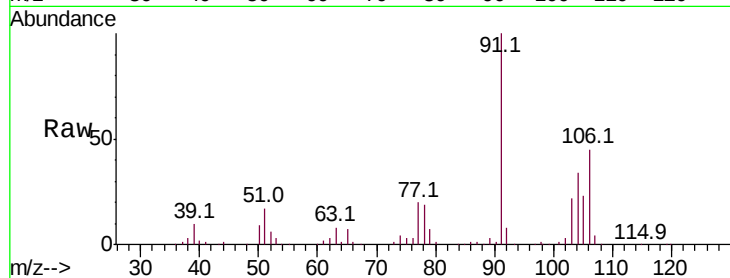




#69
o-Xylene
Concen: 20.879 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

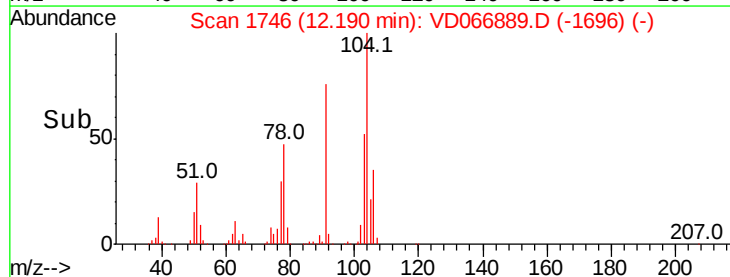
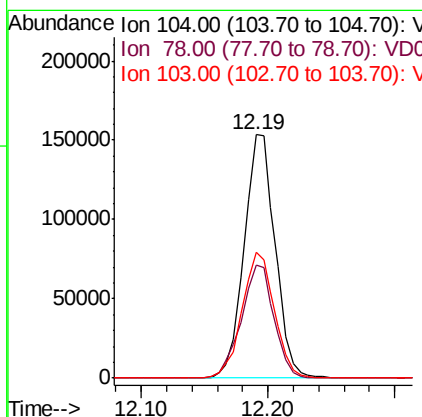
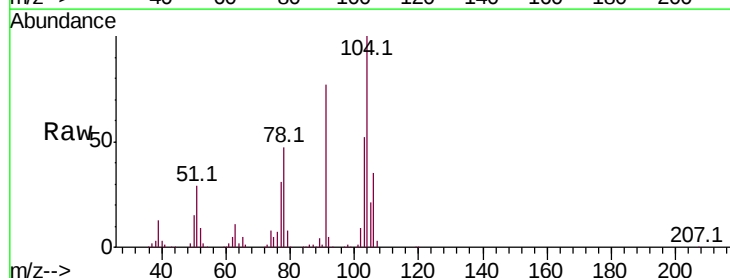
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

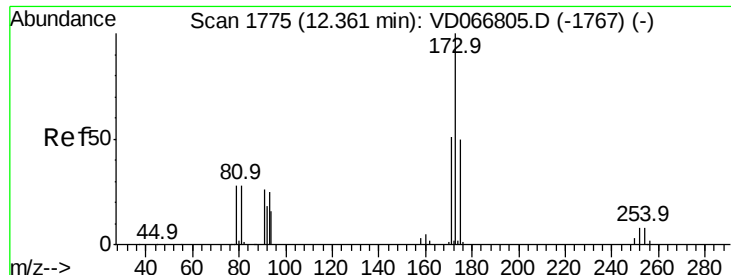
Tot Ion:106 Resp: 146075
Ion Ratio Lower Upper
106 100
91 212.4 106.3 318.8



#70
Styrene
Concen: 21.510 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion:104 Resp: 261353
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 53.8 43.2 64.8





#71

Bromoform

Concen: 21.937 ug/l

RT: 12.36 min Scan# 1774

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

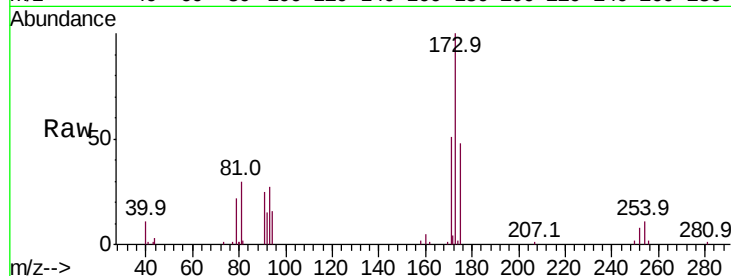
Tot Ion:173 Resp: 48914

Ion Ratio Lower Upper

173 100

175 49.3 24.9 74.6

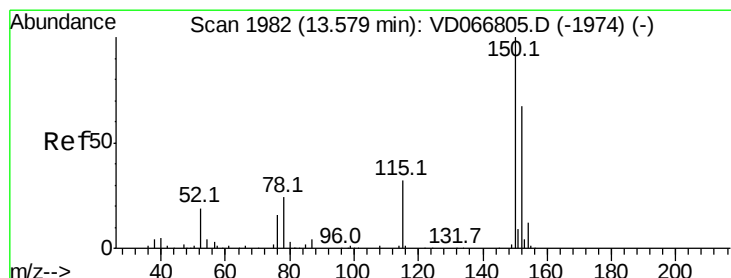
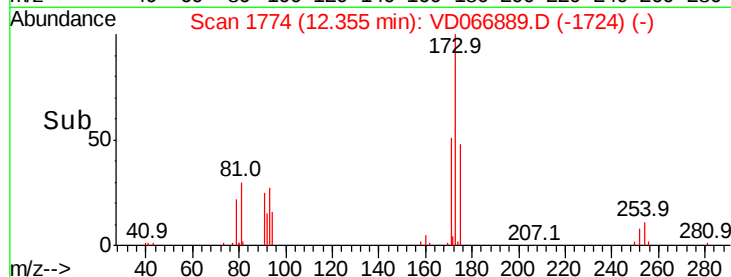
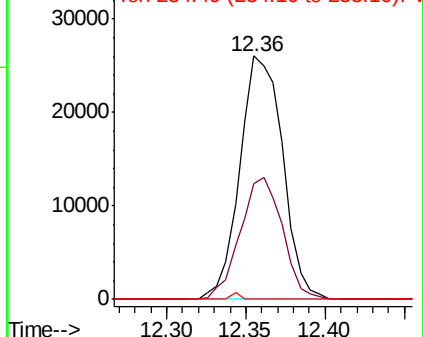
254 0.5 0.1 0.1#



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: VD066889.D

Acq: 25 Sep 2020 23:54

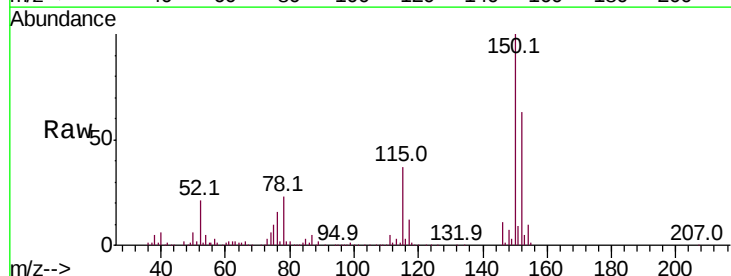
Tgt Ion:152 Resp: 266856

Ion Ratio Lower Upper

152 100

115 58.6 30.3 91.0

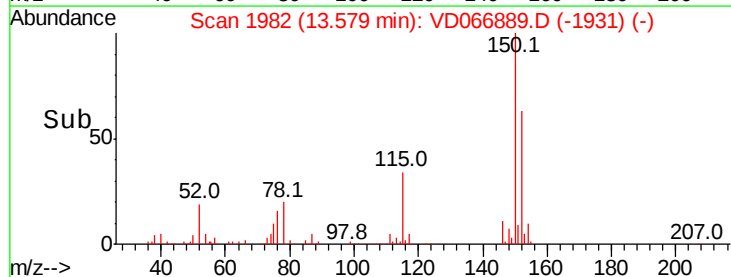
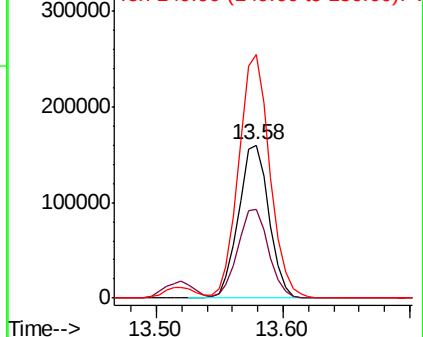
150 162.2 0.0 346.2

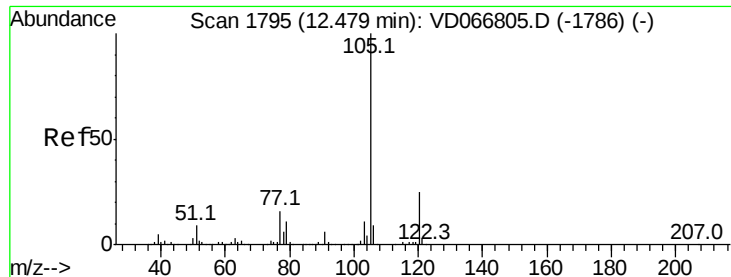


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.448 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

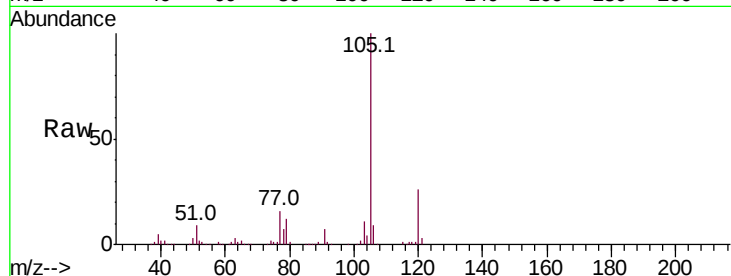
VD0925SBS02

Tot Ion:105 Resp: 394194

Ion Ratio Lower Upper

105 100

120 26.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

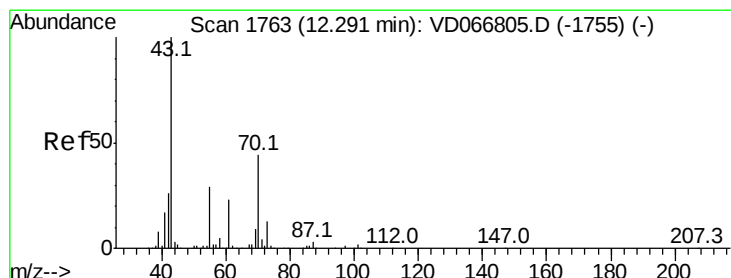
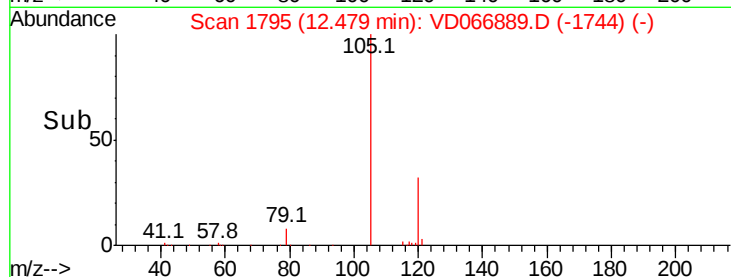
50000

0

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 19.914 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion: 43 Resp: 74967

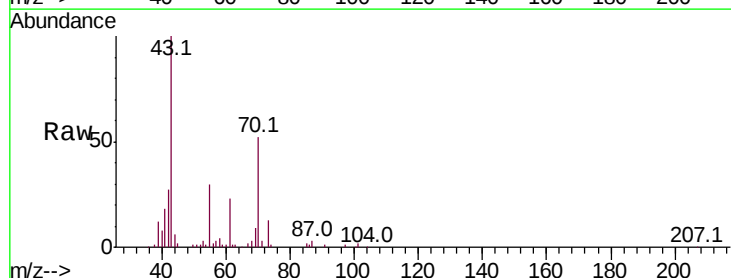
Ion Ratio Lower Upper

43 100

70 48.0 36.1 54.1

55 29.6 21.8 32.8

61 23.7 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

60000

40000

20000

0

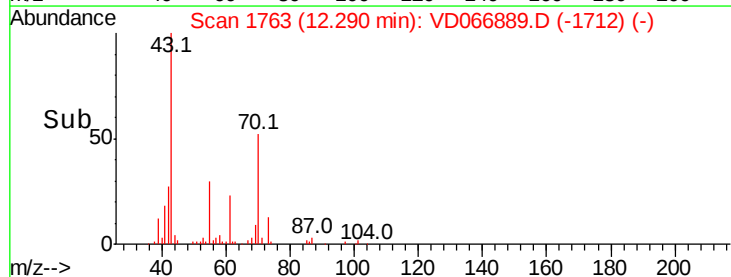
12.20

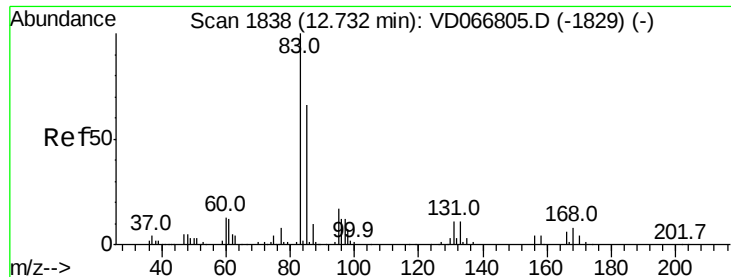
12.25

12.30

12.35

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.678 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

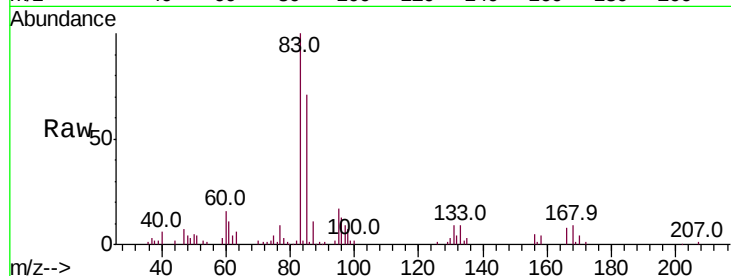
Tot Ion: 83 Resp: 72111

Ion Ratio Lower Upper

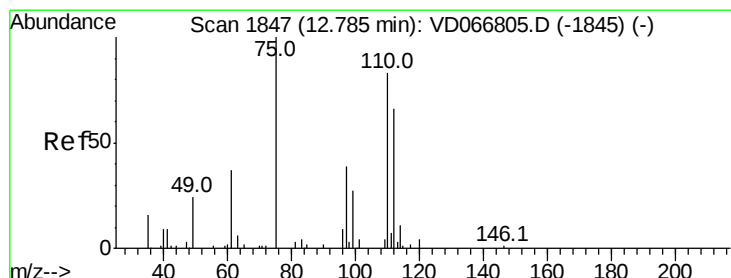
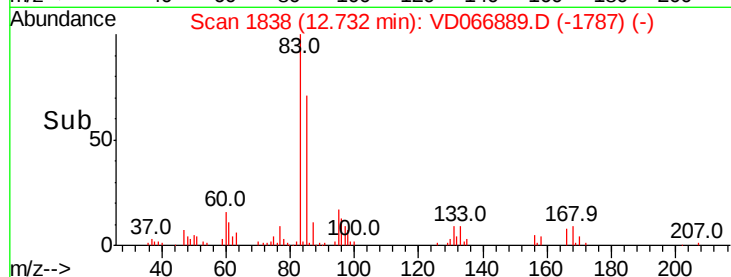
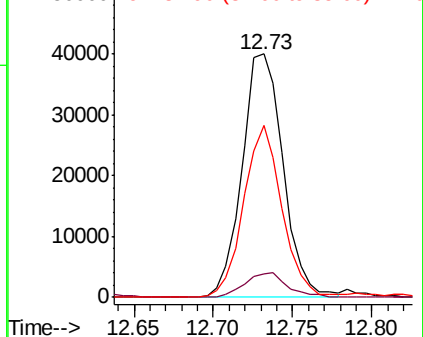
83 100

131 10.4 5.5 16.7

85 65.7 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: 41.102 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD066889.D

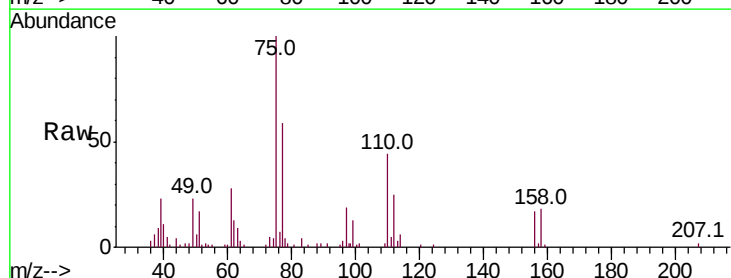
Acq: 25 Sep 2020 23:54

Tgt Ion: 75 Resp: 90897

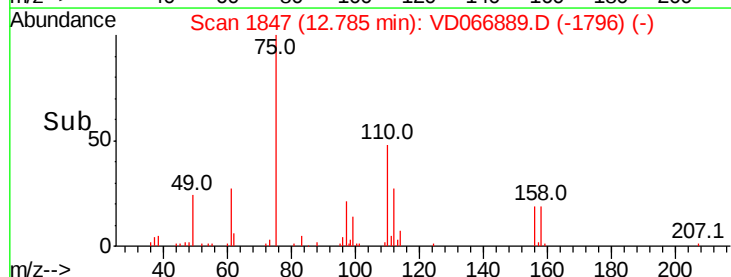
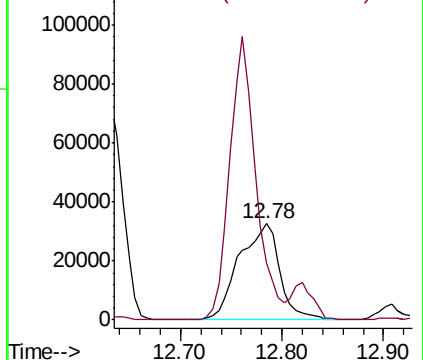
Ion Ratio Lower Upper

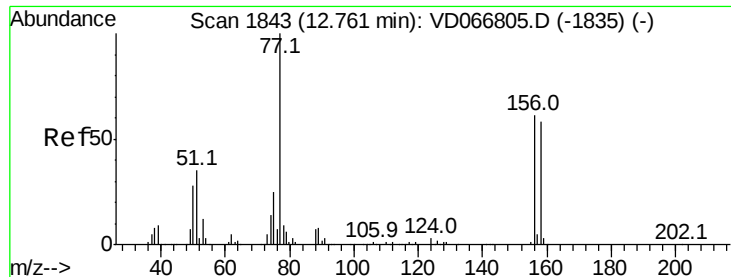
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 22.019 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

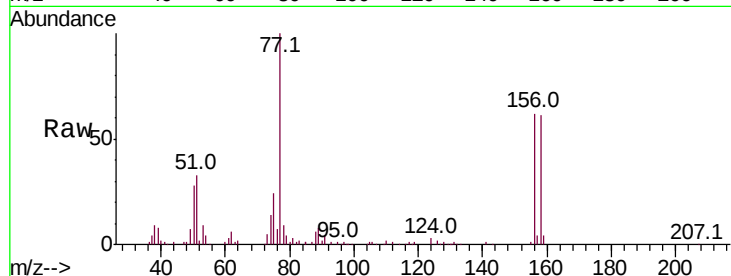
Tot Ion:156 Resp: 99275

Ion Ratio Lower Upper

156 100

77 174.0 92.3 276.9

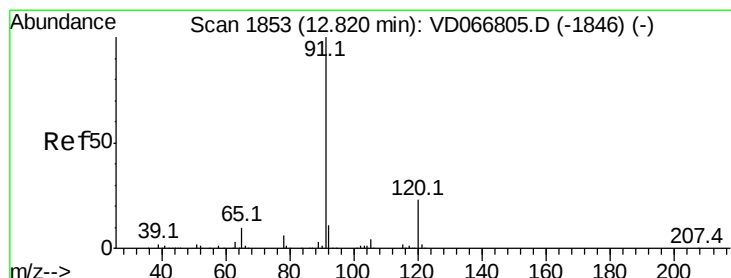
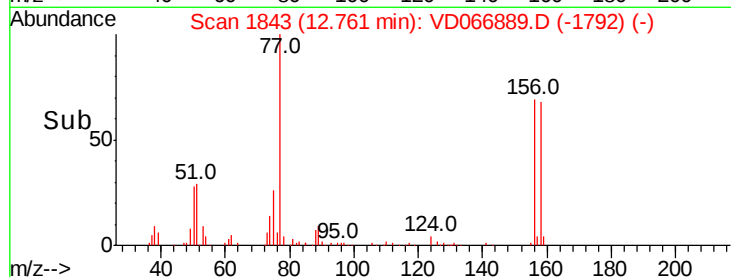
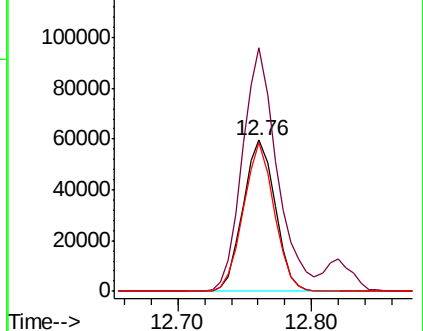
158 94.2 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.580 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066889.D

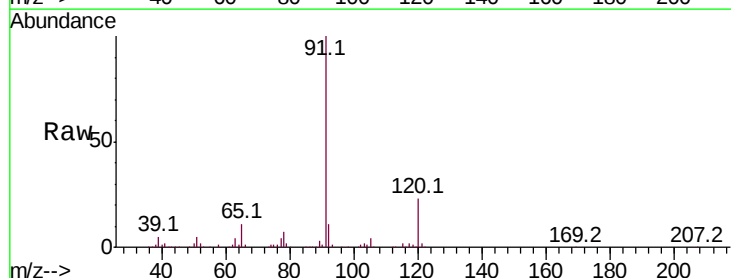
Acq: 25 Sep 2020 23:54

Tgt Ion: 91 Resp: 477299

Ion Ratio Lower Upper

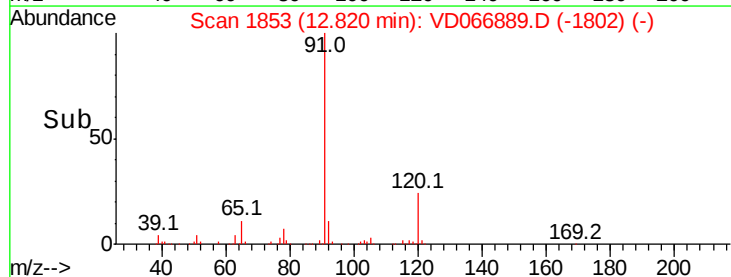
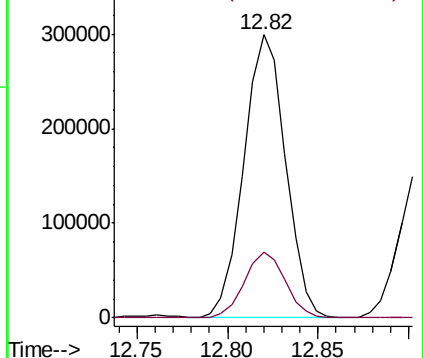
91 100

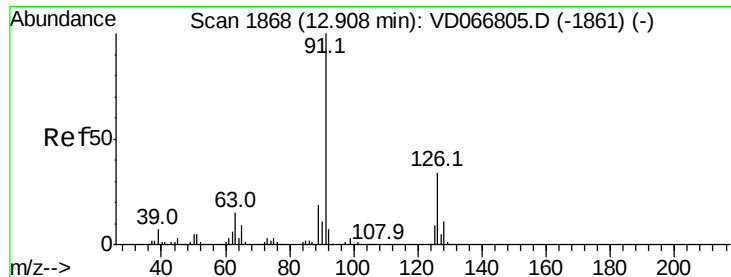
120 22.8 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.876 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

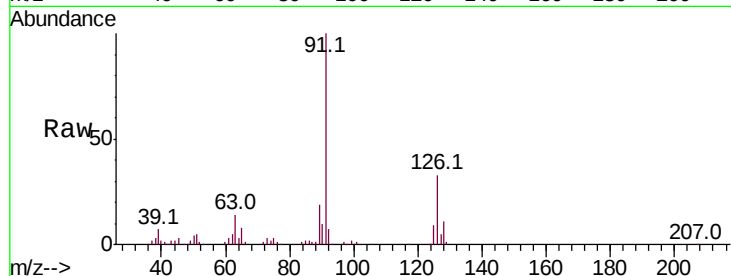
VD0925SBS02

Tot Ion: 91 Resp: 275896

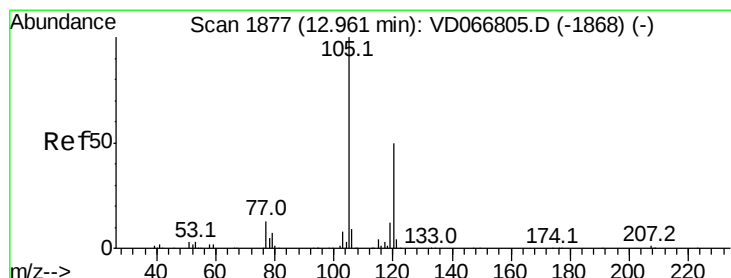
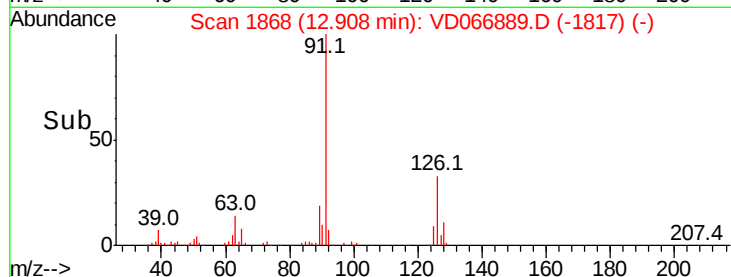
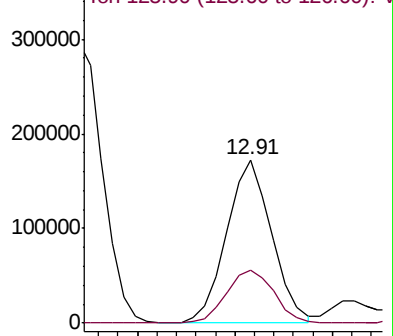
Ion Ratio Lower Upper

91 100

126 34.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VD066889.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.110 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066889.D

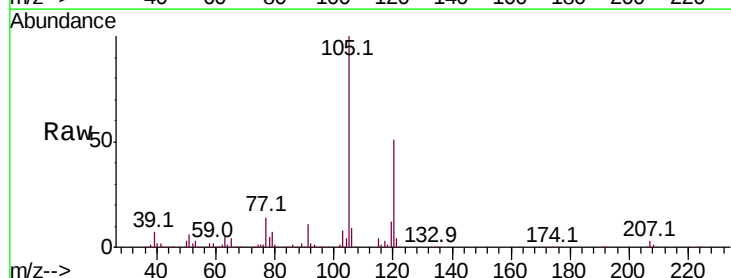
Acq: 25 Sep 2020 23:54

Tgt Ion:105 Resp: 345302

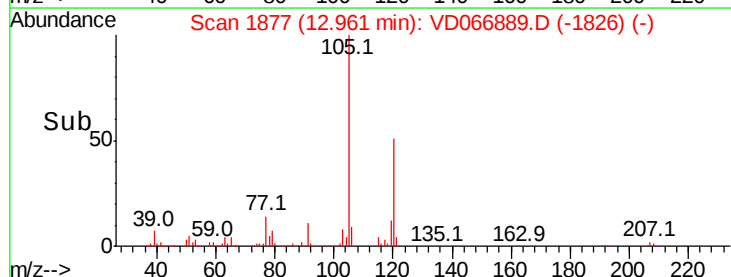
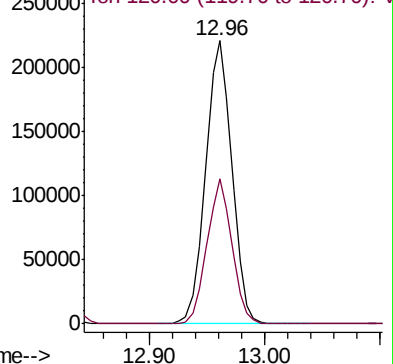
Ion Ratio Lower Upper

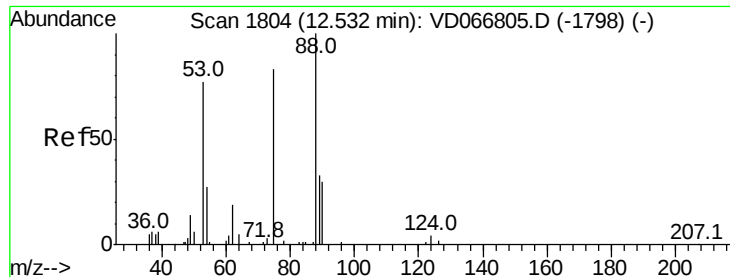
105 100

120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VD066889.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.237 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

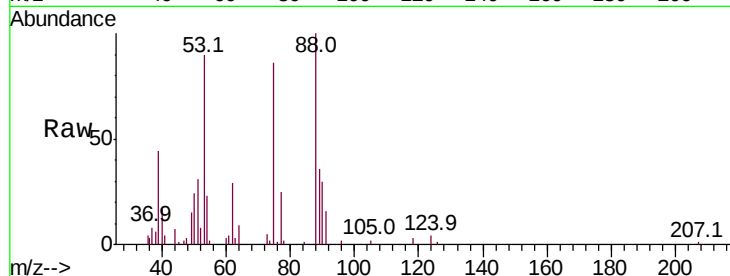
Tot Ion: 75 Resp: 19656

Ion Ratio Lower Upper

75 100

53 95.7 78.5 117.7

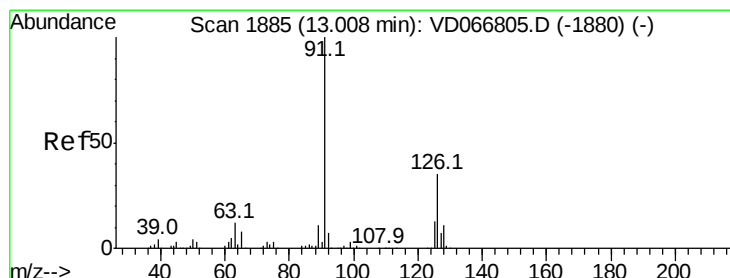
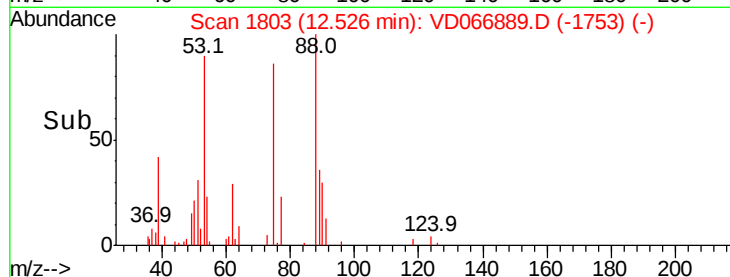
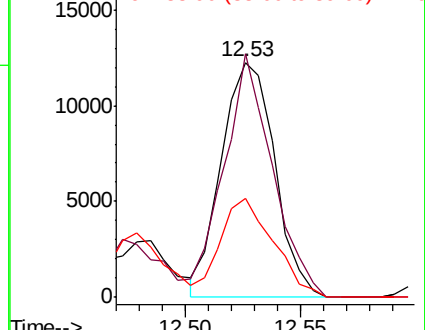
89 42.3 38.1 57.1



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 21.133 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066889.D

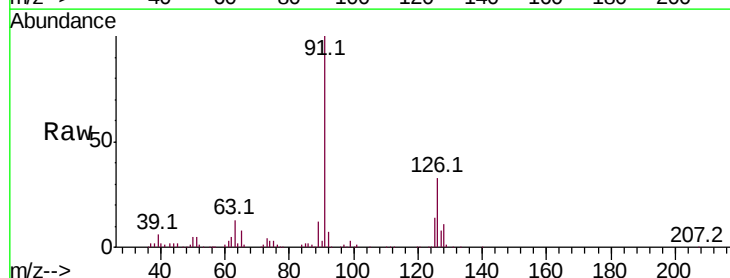
Acq: 25 Sep 2020 23:54

Tgt Ion: 91 Resp: 294410

Ion Ratio Lower Upper

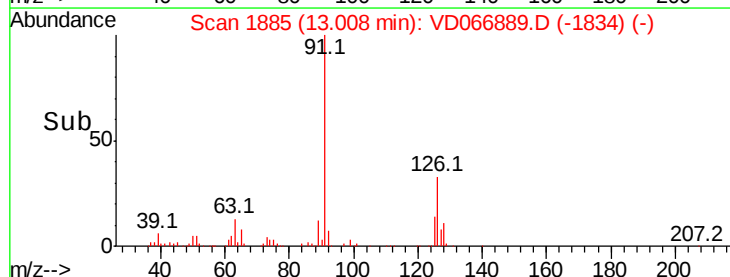
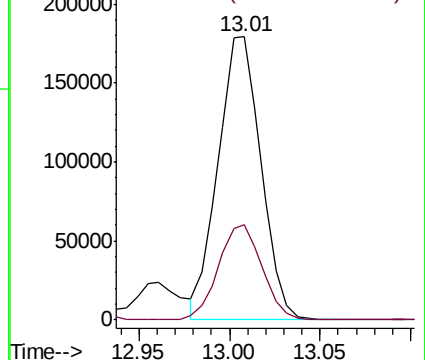
91 100

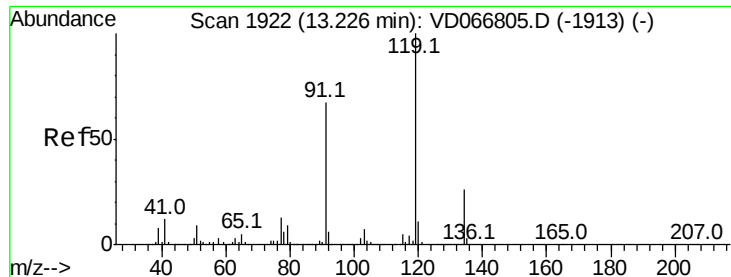
126 34.3 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.673 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

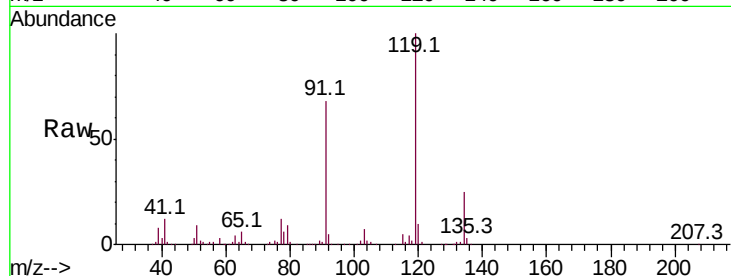
Tot Ion:119 Resp: 277876

Ion Ratio Lower Upper

119 100

91 66.7 33.6 100.8

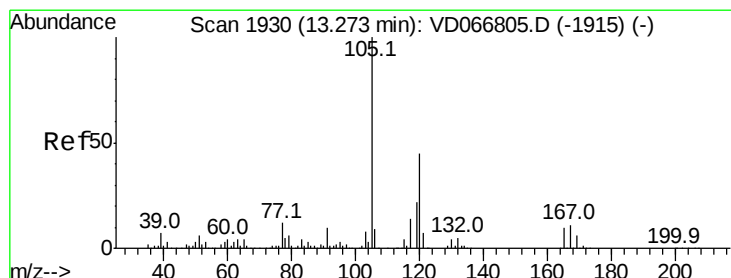
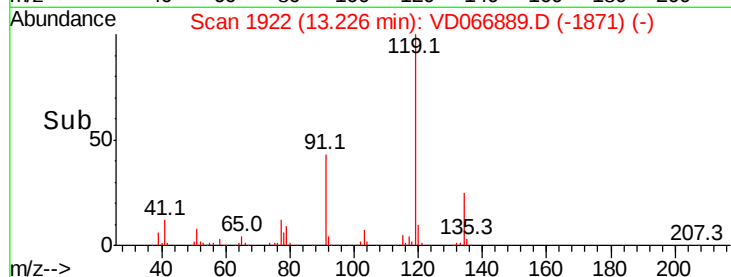
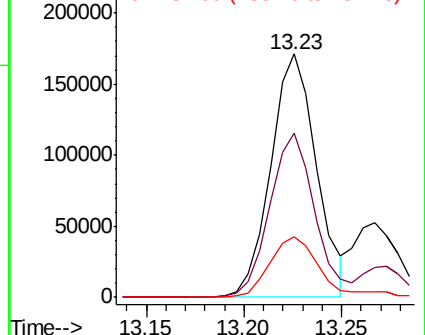
134 27.5 13.5 40.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.084 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD066889.D

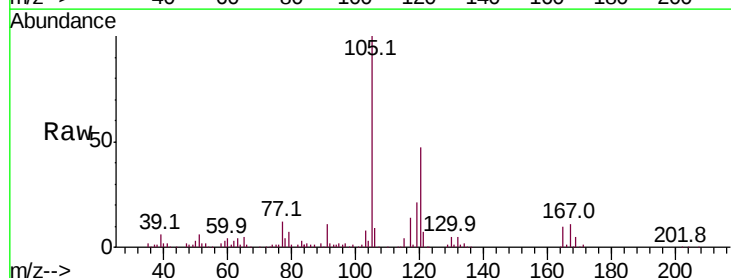
Acq: 25 Sep 2020 23:54

Tgt Ion:105 Resp: 341987

Ion Ratio Lower Upper

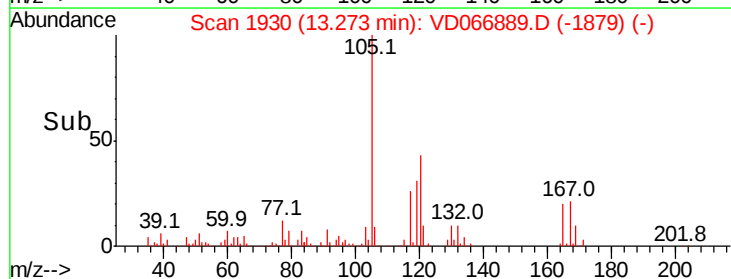
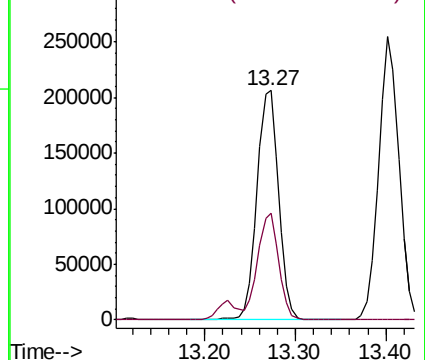
105 100

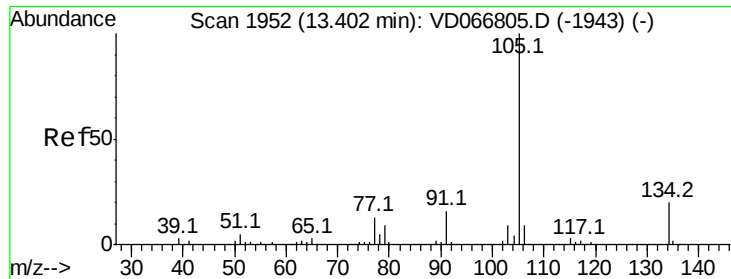
120 44.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.517 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

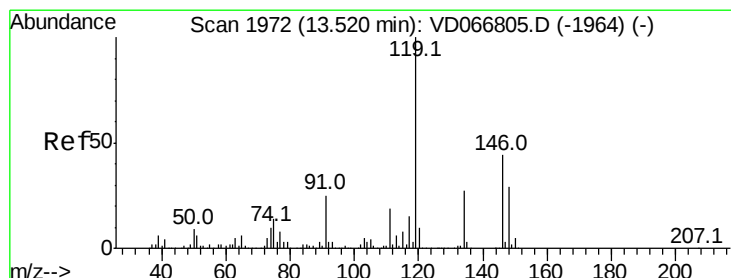
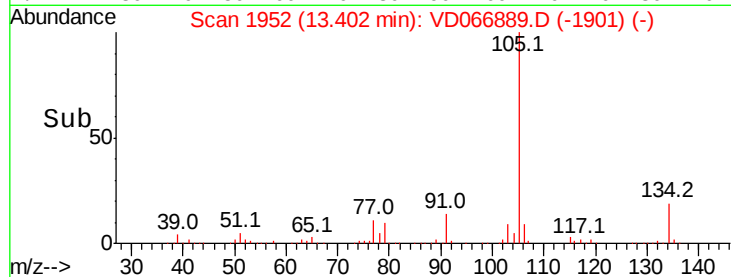
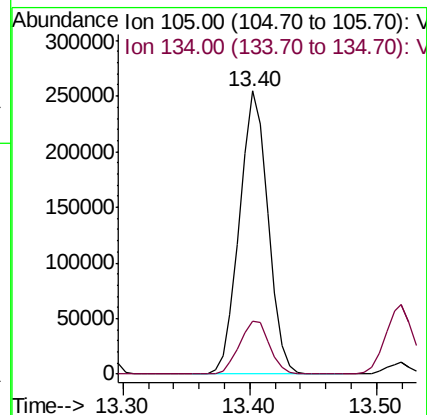
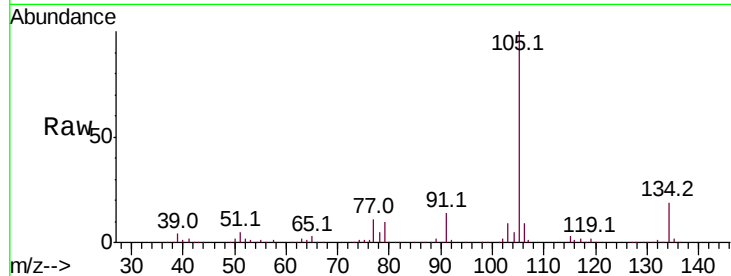
VD0925SBS02

Tot Ion:105 Resp: 396569

Ion Ratio Lower Upper

105 100

134 19.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.649 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

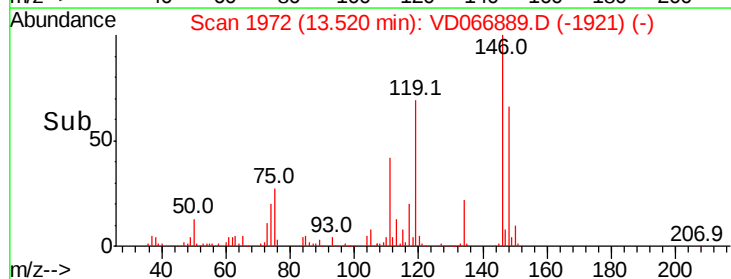
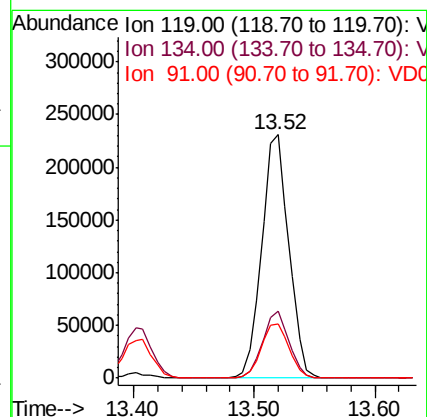
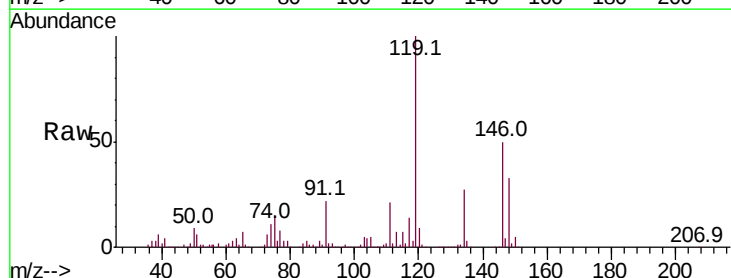
Tgt Ion:119 Resp: 359755

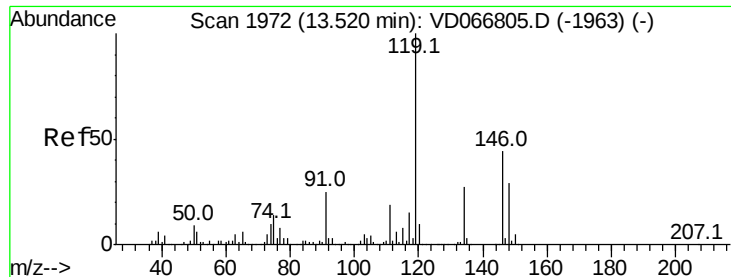
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 22.8 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 21.070 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

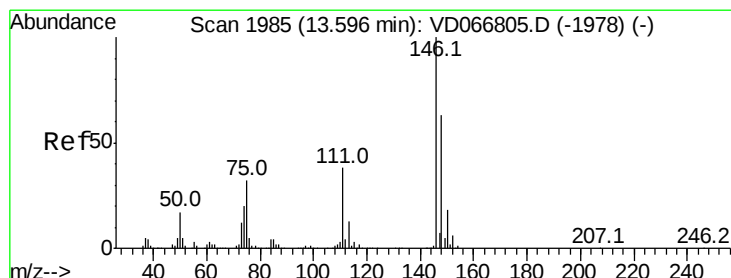
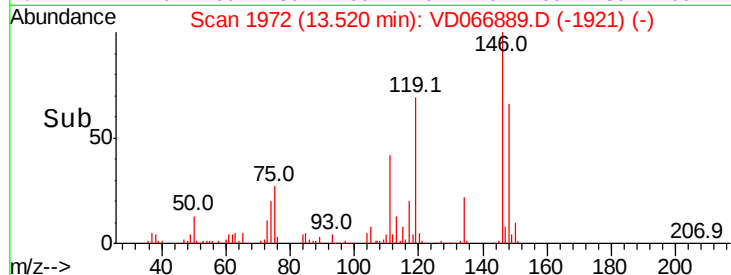
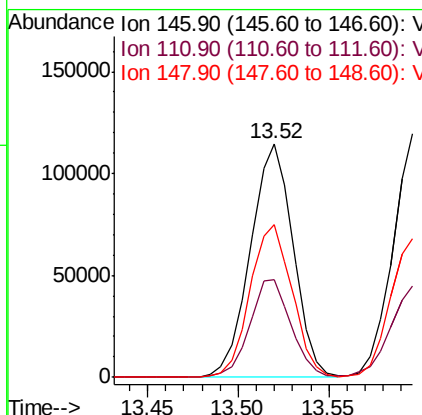
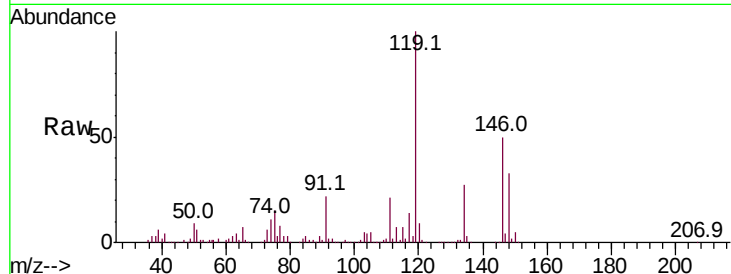
Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

Tot Ion:146 Resp: 187680

Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	60.9
148	64.6	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 21.283 ug/l

RT: 13.60 min Scan# 1985

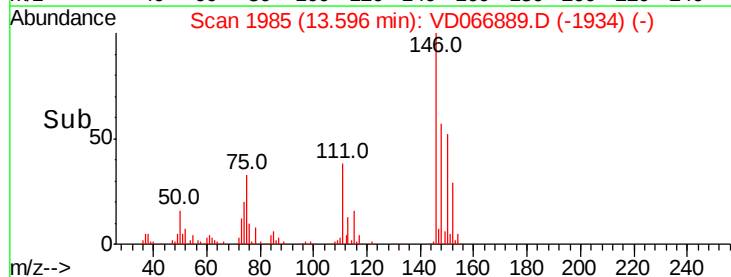
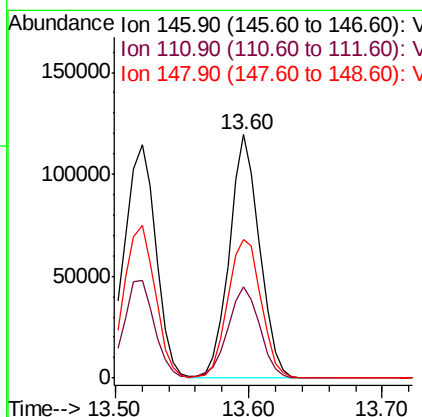
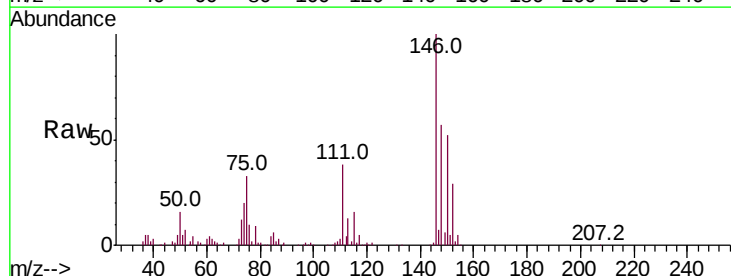
Delta R.T. -0.00 min

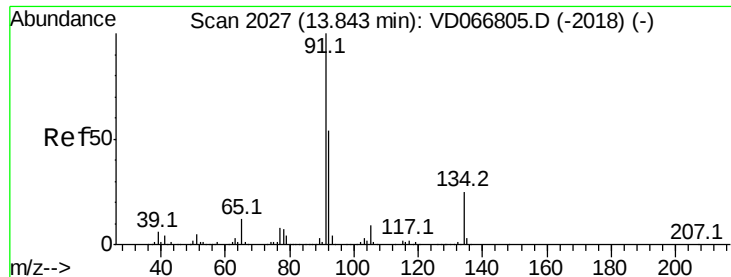
Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Tgt Ion:146 Resp: 188289

Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.5
148	63.2	31.6	94.7

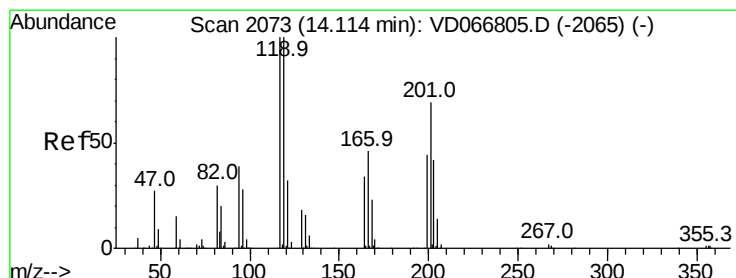
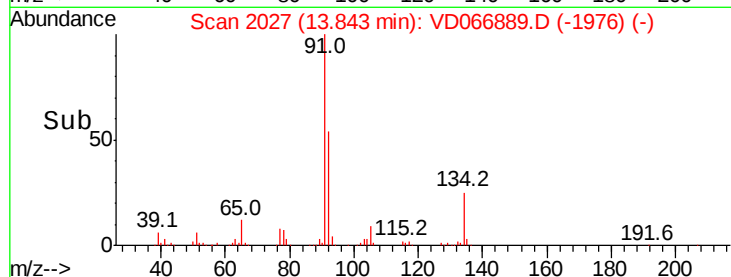
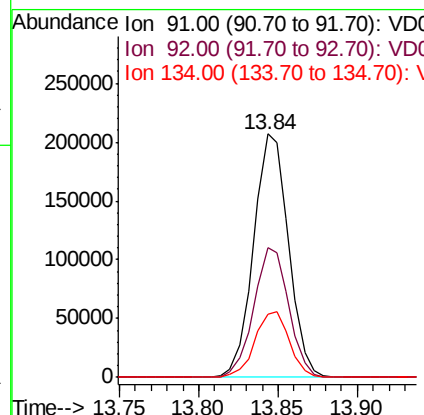
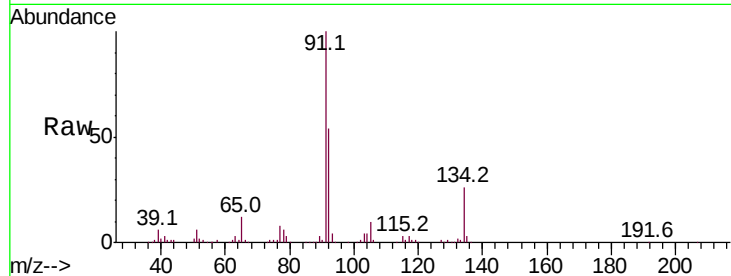




#89
n-Butylbenzene
Concen: 19.130 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

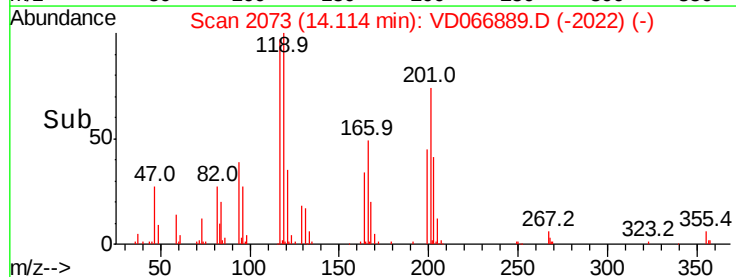
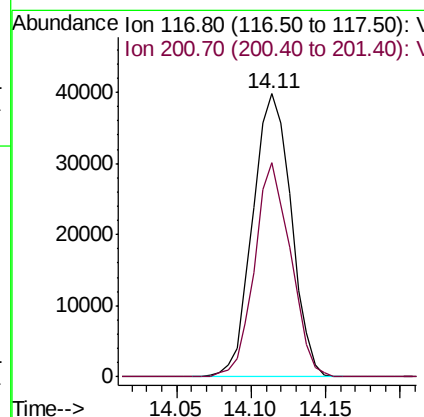
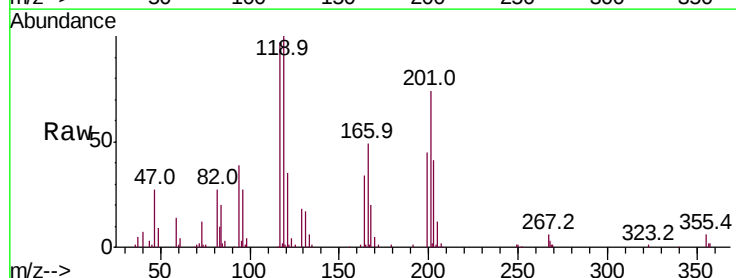
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBS02

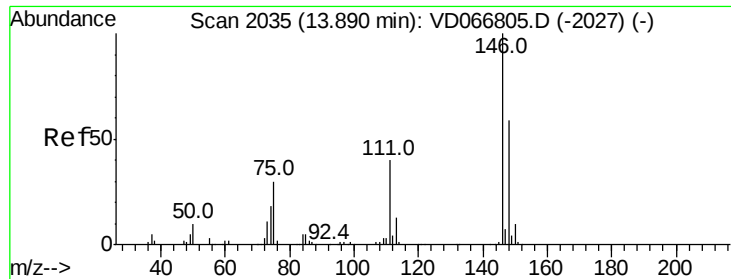
Tot Ion: 91 Resp: 316800
Ion Ratio Lower Upper
91 100
92 53.3 26.7 80.0
134 26.5 13.1 39.1



#90
Hexachloroethane
Concen: 20.019 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066889.D
Acq: 25 Sep 2020 23:54

Tgt Ion: 117 Resp: 70809
Ion Ratio Lower Upper
117 100
201 70.9 33.7 101.0

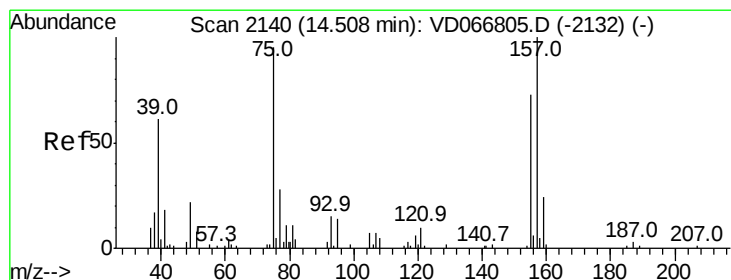
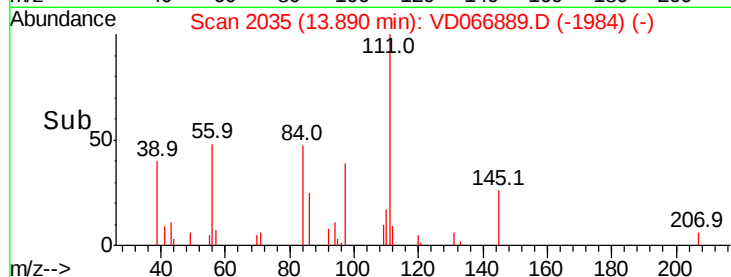
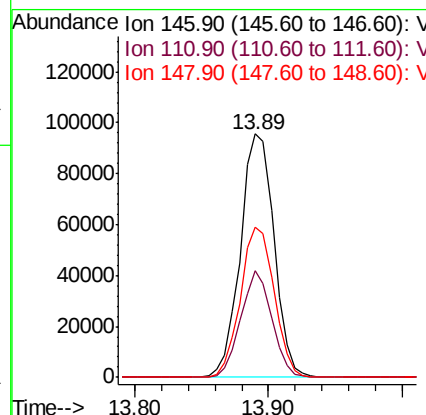
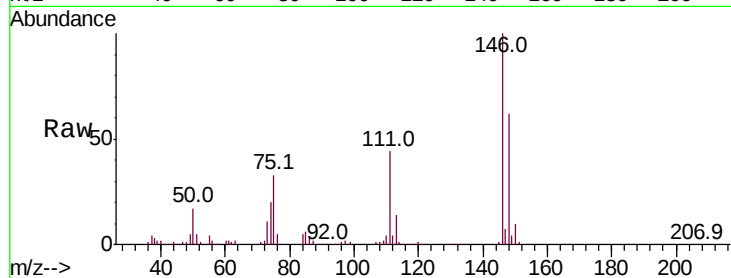




#91
 1,2-Dichlorobenzene
 Concen: 21.744 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

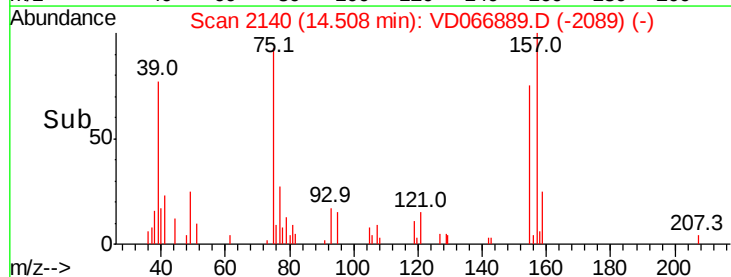
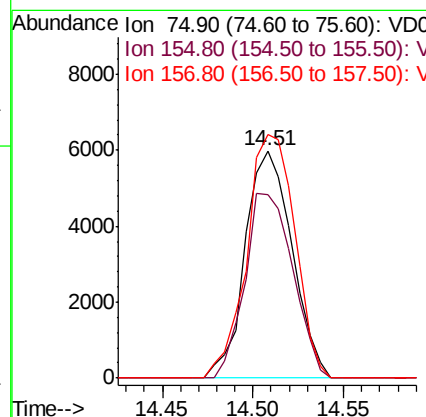
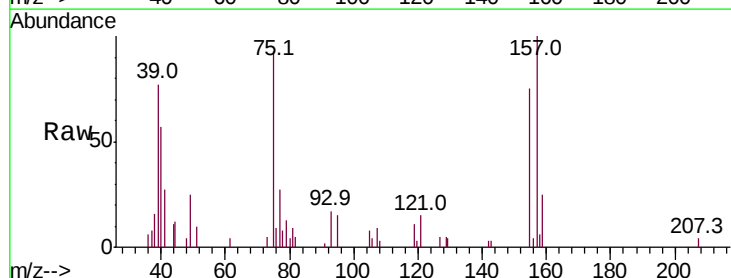
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

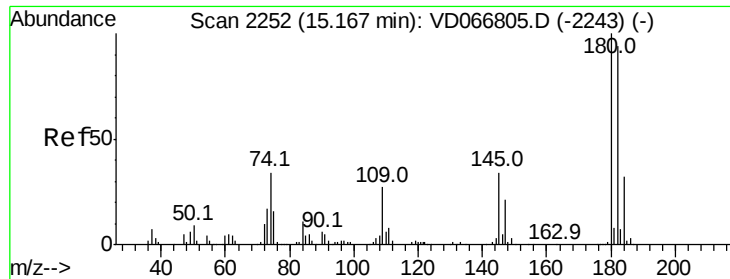
Tot Ion:146 Resp: 165706
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.9 62.7
 148 62.4 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.190 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion: 75 Resp: 10804
 Ion Ratio Lower Upper
 75 100
 155 82.8 40.4 121.2
 157 109.6 51.3 153.9

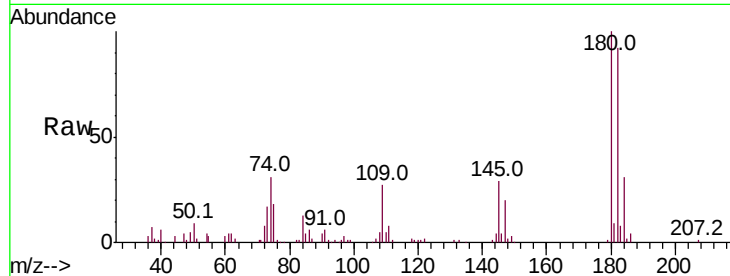




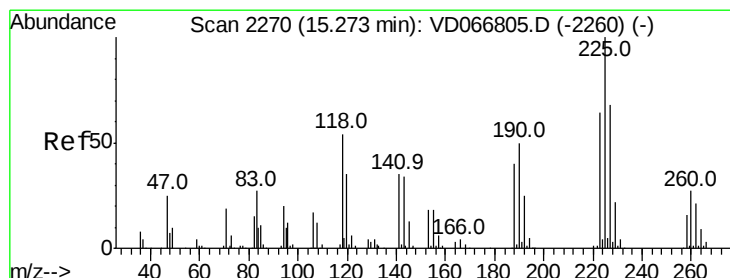
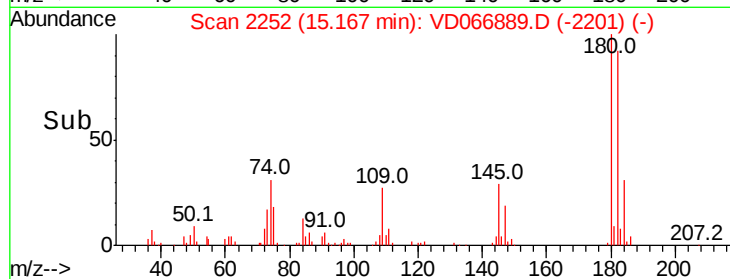
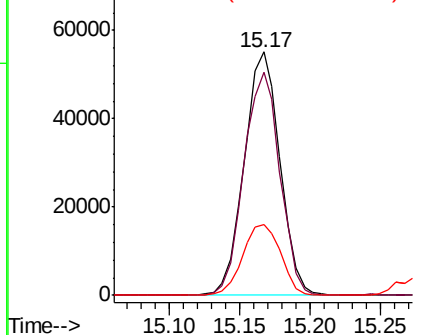
#93
 1,2,4-Trichlorobenzene
 Concen: 20.384 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	48.8	146.3
145	30.8	16.7	50.0

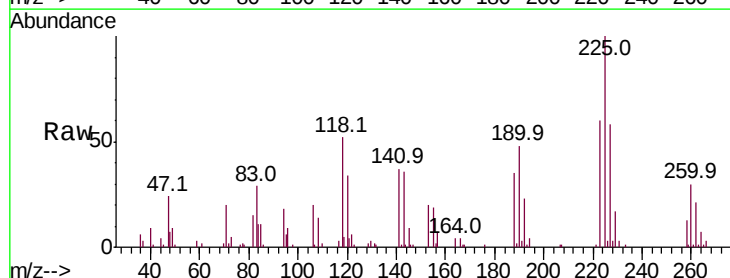


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

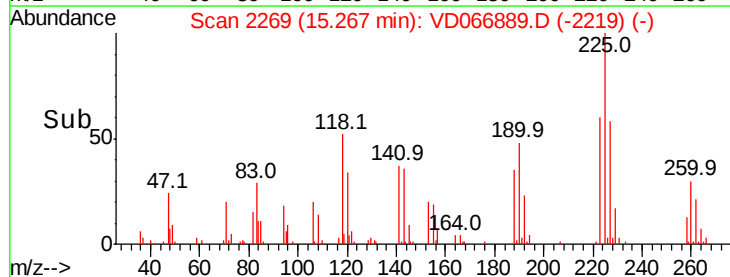
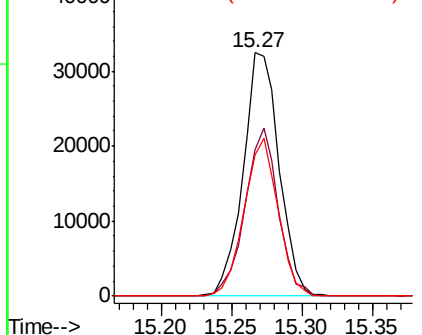


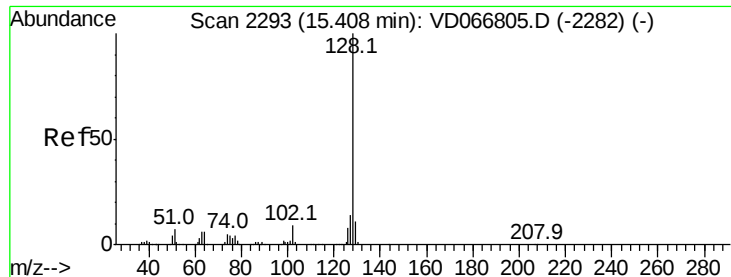
#94
 Hexachlorobutadiene
 Concen: 20.192 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD066889.D
 Acq: 25 Sep 2020 23:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.3
227	61.0	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: 20.430 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

Instrument :

MSVOA_D

ClientSampleId :

VD0925SBS02

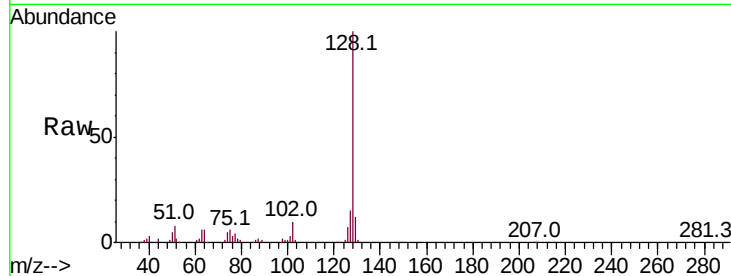
Tot Ion:128 Resp: 166395

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

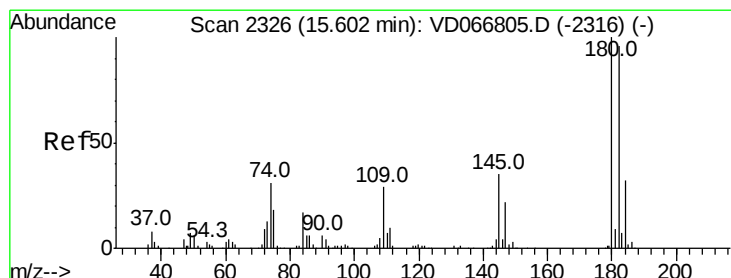
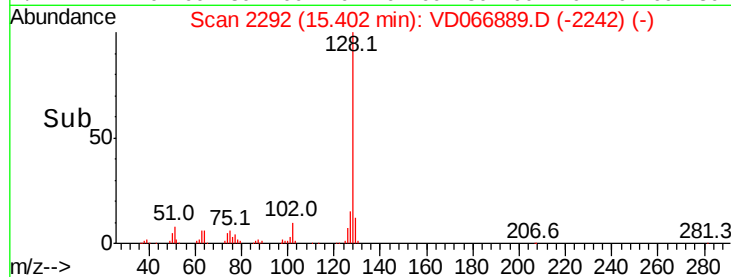
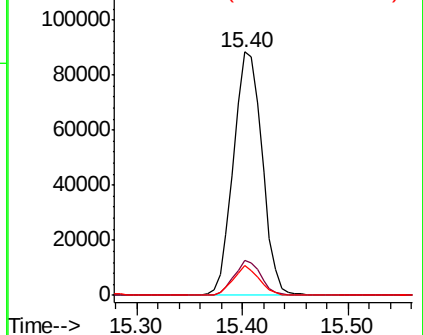
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.587 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066889.D

Acq: 25 Sep 2020 23:54

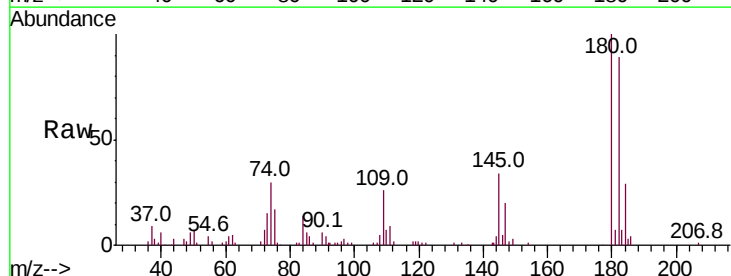
Tgt Ion:180 Resp: 85243

Ion Ratio Lower Upper

180 100

182 94.1 46.8 140.3

145 34.4 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

