

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
 Data File : VD066631.D
 Acq On : 11 Sep 2020 00:22
 Operator : VA/SY
 Sample : VD0910SBSD02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

Quant Time: Sep 11 02:11:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	324167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	564743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	520319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	238692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	219312	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
35) Dibromofluoromethane	7.91	113	201562	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.34	98	727712	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.63	95	240156	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	64757	21.982	ug/l	96
3) Chloromethane	2.21	50	88517	21.592	ug/l	99
4) Vinyl Chloride	2.35	62	90544	19.913	ug/l	98
5) Bromomethane	2.76	94	63710	19.377	ug/l	92
6) Chloroethane	2.92	64	58098	20.117	ug/l	96
7) Trichlorofluoromethane	3.27	101	136614	20.339	ug/l	93
8) Diethyl Ether	3.71	74	37004	21.877	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	74222	20.417	ug/l	99
10) Methyl Iodide	4.30	142	64551	21.924	ug/l	98
11) Tert butyl alcohol	5.22	59	32594	106.858	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	69416	21.254	ug/l	98
13) Acrolein	3.93	56	12957	80.795	ug/l	90
14) Allyl chloride	4.71	41	111892	20.904	ug/l	99
15) Acrylonitrile	5.42	53	83981	115.581	ug/l	98
16) Acetone	4.16	43	68583	95.035	ug/l	95
17) Carbon Disulfide	4.40	76	227259	21.166	ug/l	99
18) Methyl Acetate	4.72	43	42947	24.965	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	168964	22.061	ug/l	93
20) Methylene Chloride	4.96	84	107022	23.736	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	83330	21.486	ug/l	92
22) Diisopropyl ether	6.36	45	253111	22.995	ug/l	94
23) Vinyl Acetate	6.30	43	692340	110.530	ug/l	95
24) 1,1-Dichloroethane	6.26	63	155288	22.434	ug/l	99
25) 2-Butanone	7.21	43	102748	106.063	ug/l	95
26) 2,2-Dichloropropane	7.20	77	120484	18.976	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	91817	22.015	ug/l	98
28) Bromochloromethane	7.54	49	55585	20.858	ug/l #	98
29) Tetrahydrofuran	7.56	42	64548	106.987	ug/l	97
30) Chloroform	7.70	83	162300	22.163	ug/l	91
31) Cyclohexane	7.98	56	128313	20.054	ug/l #	96
32) 1,1,1-Trichloroethane	7.90	97	143046	20.777	ug/l	100
36) 1,1-Dichloropropene	8.11	75	113852	19.372	ug/l	97
37) Ethyl Acetate	7.28	43	48130	20.566	ug/l #	90
38) Carbon Tetrachloride	8.09	117	125488	20.200	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	125106	19.063	ug/l	99
40) Benzene	8.34	78	341741	21.231	ug/l	98
41) Methacrylonitrile	7.53	41	27138	23.956	ug/l #	87
42) 1,2-Dichloroethane	8.42	62	109814	21.056	ug/l	100
43) Isopropyl Acetate	8.45	43	92091	20.533	ug/l	97
44) Trichloroethene	9.11	130	86867	20.574	ug/l	99
45) 1,2-Dichloropropane	9.38	63	86545	21.380	ug/l	91
46) Dibromomethane	9.47	93	47080	21.081	ug/l	98
47) Bromodichloromethane	9.66	83	125782	20.817	ug/l	99
48) Methyl methacrylate	9.45	41	42849	18.894	ug/l	89
49) 1,4-Dioxane	9.46	88	11501	469.406	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	247666	109.496	ug/l	99
52) Toluene	10.40	92	218255	21.420	ug/l	95
53) t-1,3-Dichloropropene	10.62	75	107543	20.162	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	126832	19.801	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	62598	21.800	ug/l	99
56) Ethyl methacrylate	10.66	69	69755	20.864	ug/l	96
57) 1,3-Dichloropropane	10.94	76	108207	21.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	183043	119.695	ug/l	98
59) 2-Hexanone	10.98	43	156459	102.861	ug/l	97
60) Dibromochloromethane	11.14	129	82745	21.791	ug/l	94
61) 1,2-Dibromoethane	11.24	107	60477	21.648	ug/l	98
64) Tetrachloroethene	10.87	164	66547	18.995	ug/l	91
65) Chlorobenzene	11.67	112	220402	20.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	82003	20.008	ug/l	98
67) Ethyl Benzene	11.74	91	389334	19.744	ug/l	98
68) m/p-Xylenes	11.85	106	297238	40.597	ug/l	99
69) o-Xylene	12.18	106	131637	20.062	ug/l	99
70) Styrene	12.19	104	237687	20.836	ug/l	99
71) Bromoform	12.36	173	43548	21.083	ug/l #	100
73) Isopropylbenzene	12.48	105	359356	20.334	ug/l	100
74) N-amyl acetate	12.28	43	81504	20.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	64655	20.709	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	89582	39.024	ug/l #	100
77) Bromobenzene	12.76	156	83840	21.279	ug/l	99
78) n-propylbenzene	12.82	91	432289	20.178	ug/l	99
79) 2-Chlorotoluene	12.91	91	256325	21.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	303804	20.425	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	19509	19.841	ug/l	97
82) 4-Chlorotoluene	13.00	91	273875	21.310	ug/l	98
83) tert-Butylbenzene	13.23	119	248914	20.492	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	307359	20.755	ug/l	99
85) sec-Butylbenzene	13.40	105	352880	20.165	ug/l	99
86) p-Isopropyltoluene	13.52	119	314728	19.981	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	162722	20.803	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	158026	20.129	ug/l	98
89) n-Butylbenzene	13.84	91	286608	18.673	ug/l	100
90) Hexachloroethane	14.11	117	68804	20.273	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	141724	20.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11414	21.521	ug/l	94

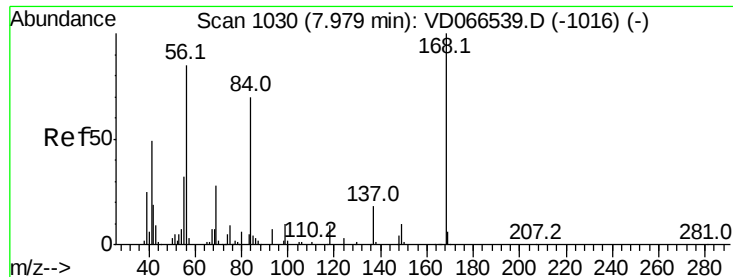
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
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Quant Time: Sep 11 02:11:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	80450	19.607	ug/l	96
94) Hexachlorobutadiene	15.27	225	47121	19.116	ug/l	97
95) Naphthalene	15.40	128	150111	20.936	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	73642	21.052	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: VD066631.D

Acq: 11 Sep 2020 00:22

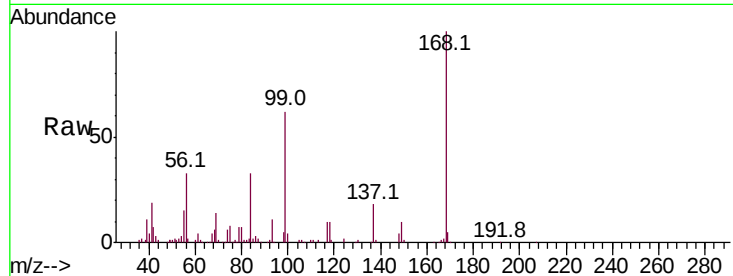
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

Tot Ion:168 Resp: 324167

Ion Ratio Lower Upper

168 100

99 62.0 50.5 75.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

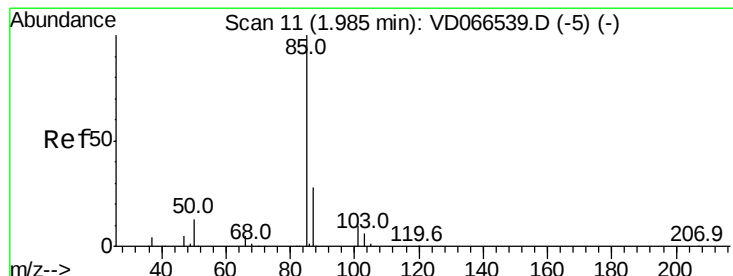
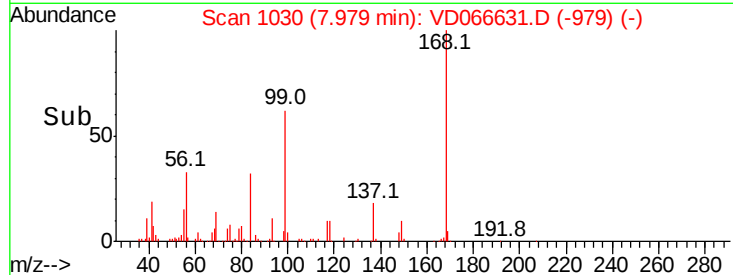
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.982 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066631.D

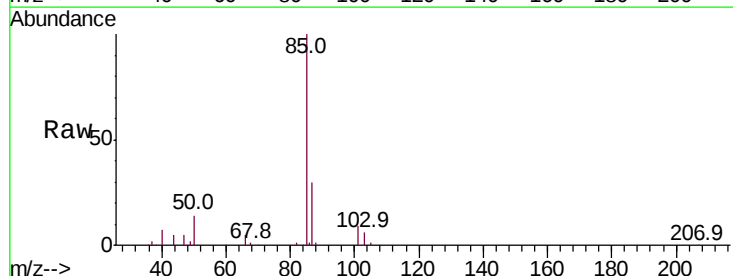
Acq: 11 Sep 2020 00:22

Tgt Ion: 85 Resp: 64757

Ion Ratio Lower Upper

85 100

87 30.4 14.2 42.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

50000

40000

30000

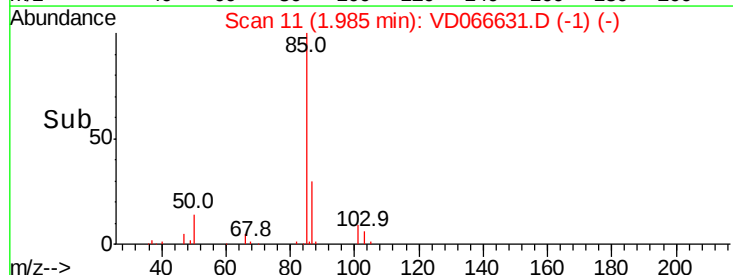
20000

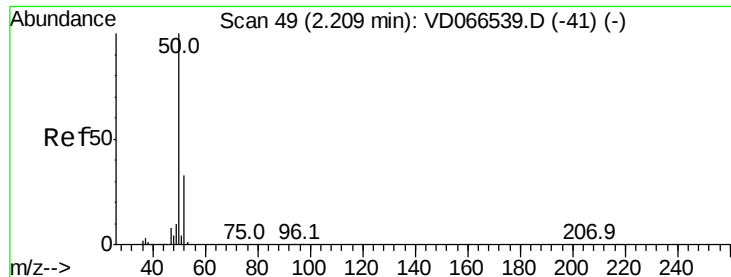
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 21.592 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

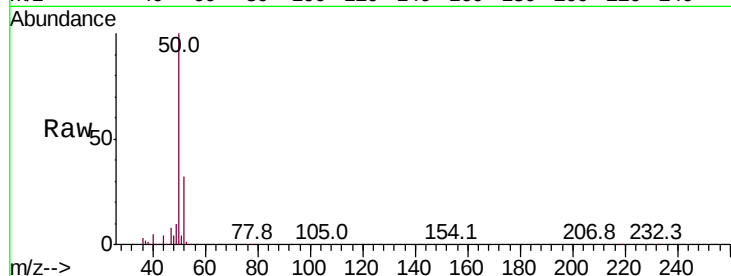
VD0910SBSD02

Tot Ion: 50 Resp: 88517

Ion Ratio Lower Upper

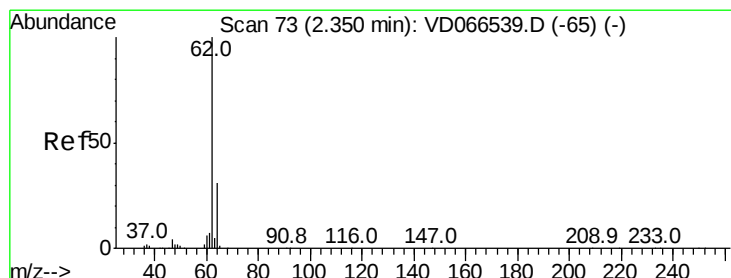
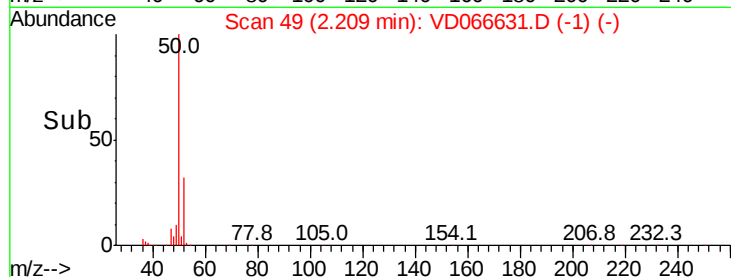
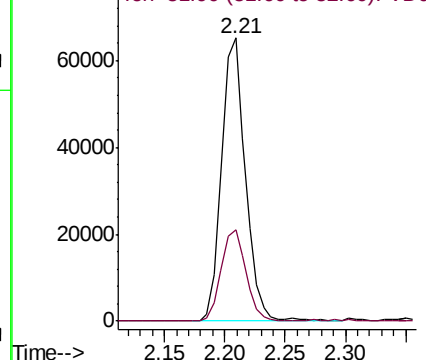
50 100

52 32.2 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.913 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066631.D

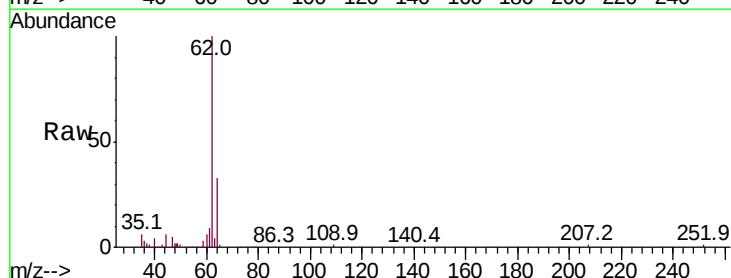
Acq: 11 Sep 2020 00:22

Tgt Ion: 62 Resp: 90544

Ion Ratio Lower Upper

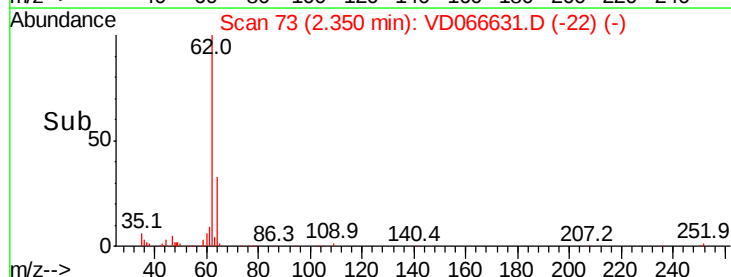
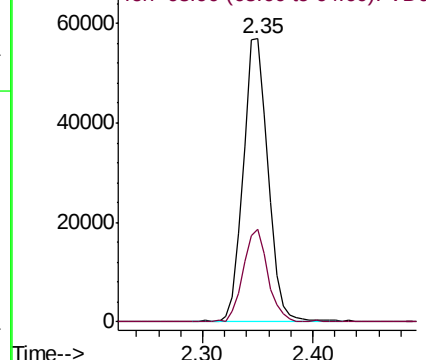
62 100

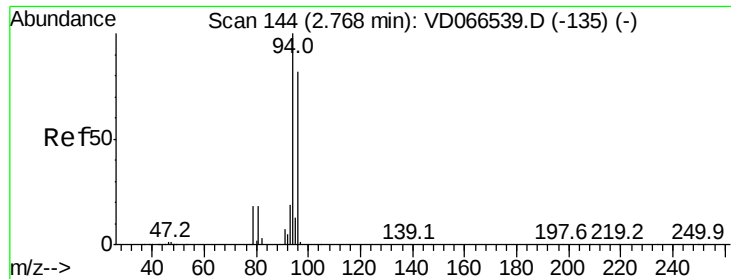
64 32.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.377 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

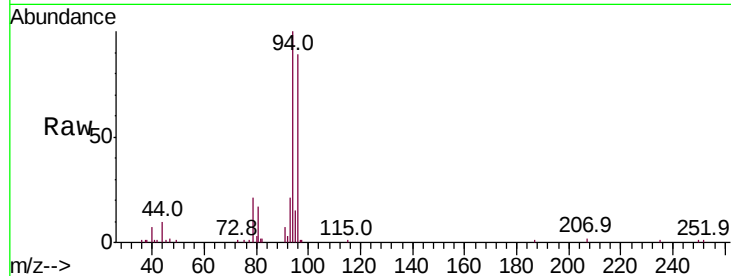
VD0910SBSD02

Tot Ion: 94 Resp: 63710

Ion Ratio Lower Upper

94 100

96 88.9 65.2 97.8



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

30000

25000

20000

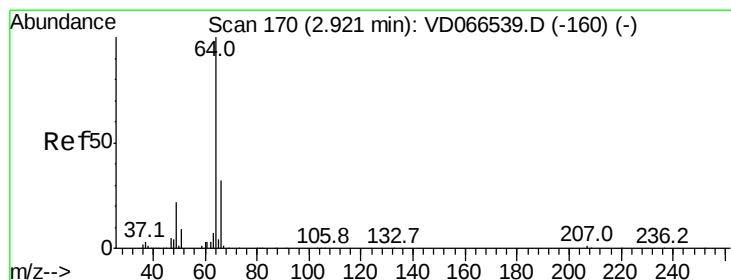
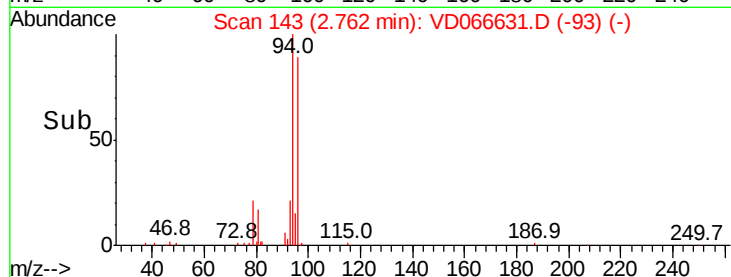
15000

10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.117 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066631.D

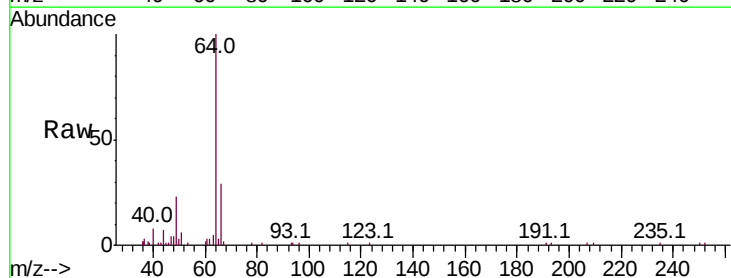
Acq: 11 Sep 2020 00:22

Tgt Ion: 64 Resp: 58098

Ion Ratio Lower Upper

64 100

66 29.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

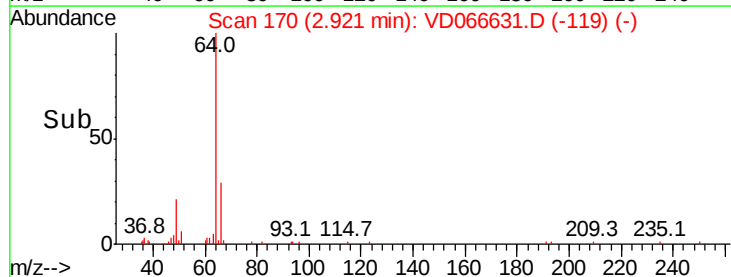
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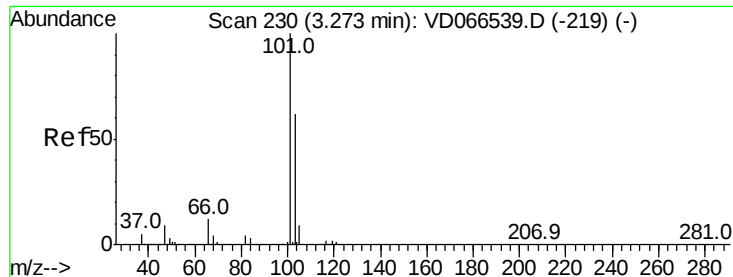
20000

10000

0

Time--> 2.80 2.90 3.00



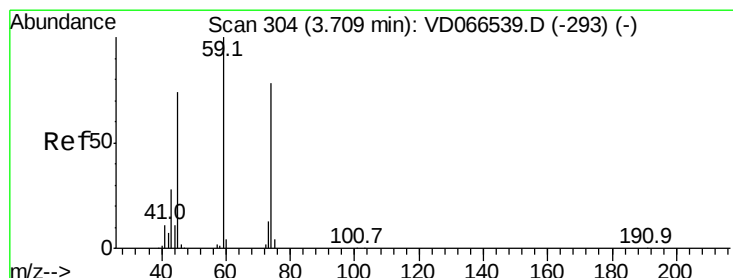
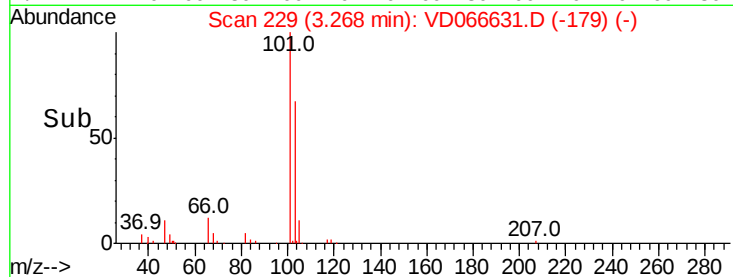
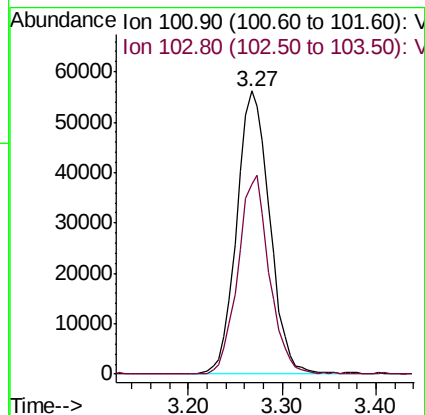
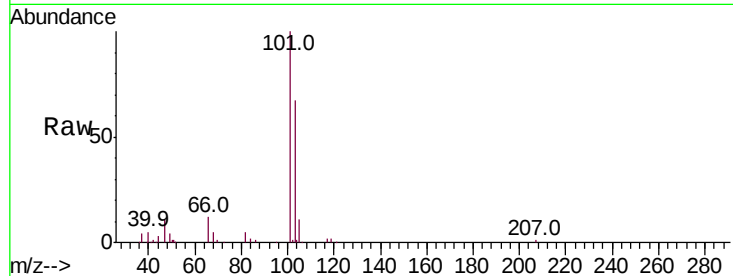


#7

Trichlorofluoromethane
 Concen: 20.339 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

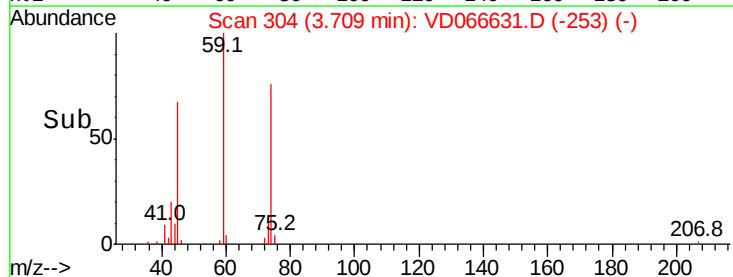
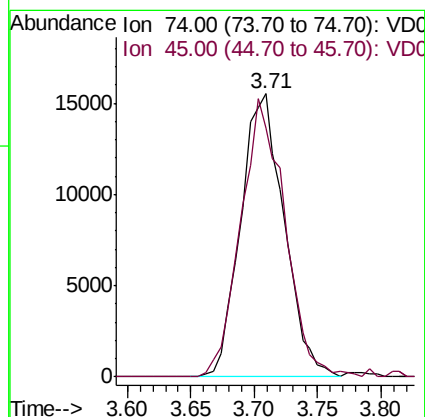
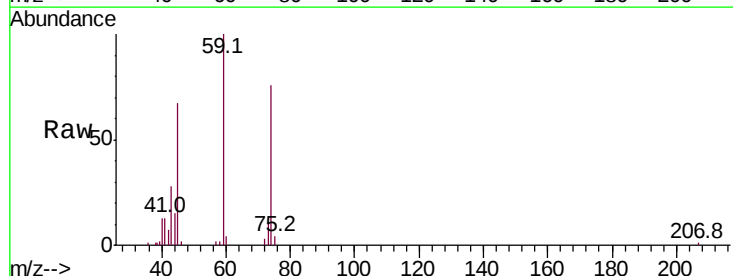
Tot Ion:101 Resp: 136614
 Ion Ratio Lower Upper
 101 100
 103 67.2 49.7 74.5

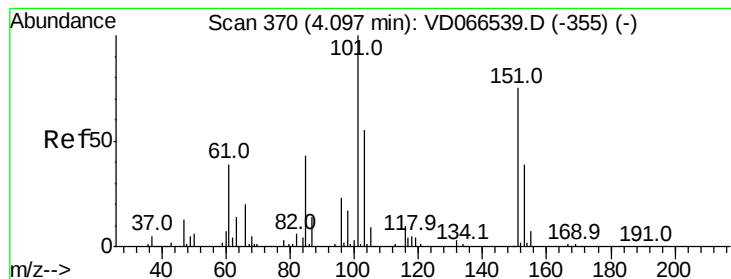


#8

Diethyl Ether
 Concen: 21.877 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion: 74 Resp: 37004
 Ion Ratio Lower Upper
 74 100
 45 99.5 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.417 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

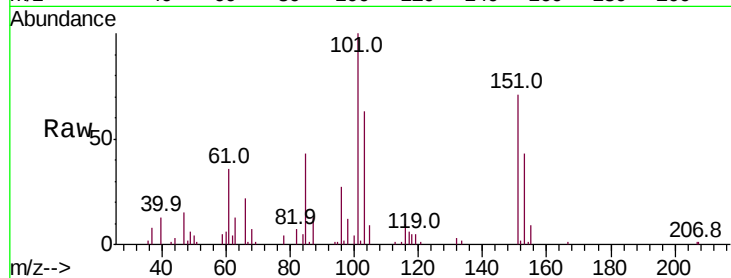
Tot Ion:101 Resp: 74222

Ion Ratio Lower Upper

101 100

85 45.7 37.0 55.6

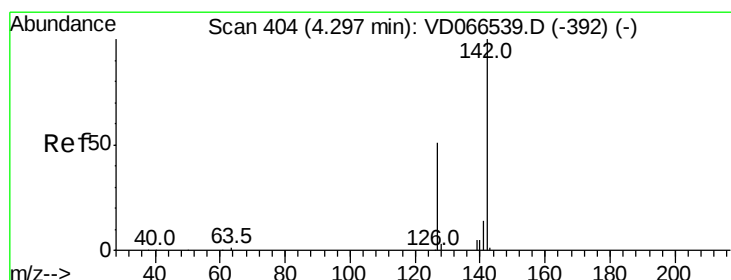
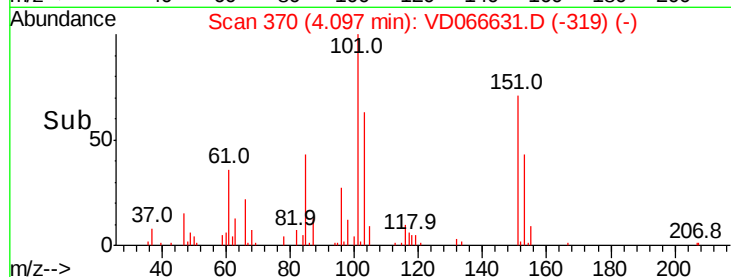
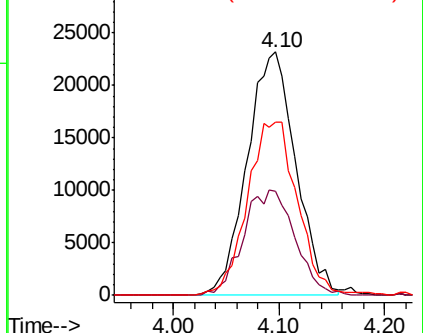
151 73.4 59.4 89.2



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: 21.924 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

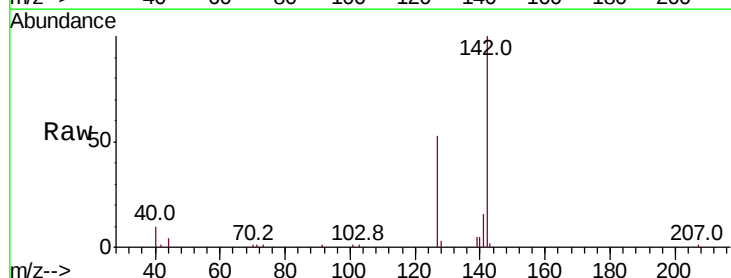
Tgt Ion:142 Resp: 64551

Ion Ratio Lower Upper

142 100

127 52.8 40.6 61.0

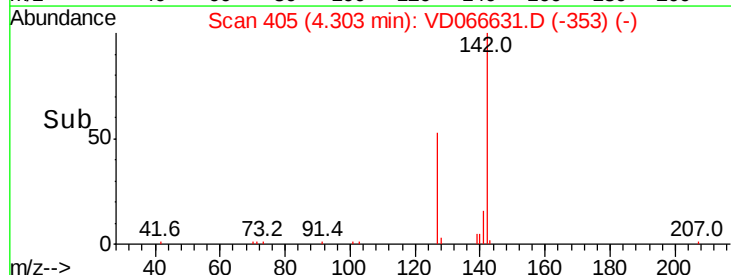
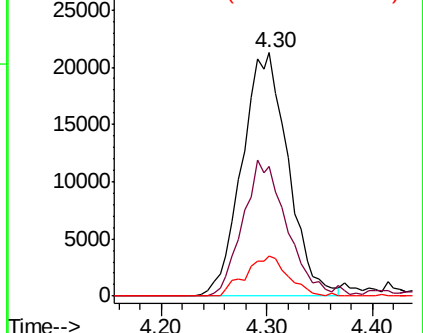
141 15.3 12.2 18.4

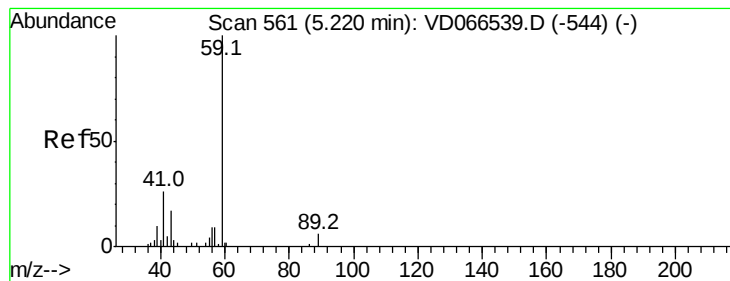


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 106.858 ug/l

RT: 5.22 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

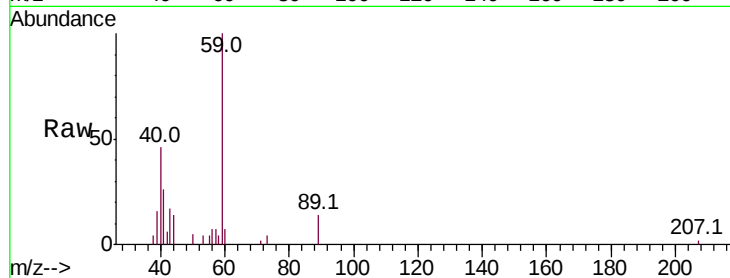
VD0910SBSD02

Tot Ion: 59 Resp: 32594

Ion Ratio Lower Upper

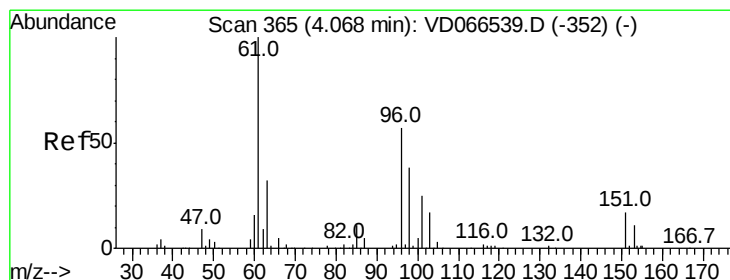
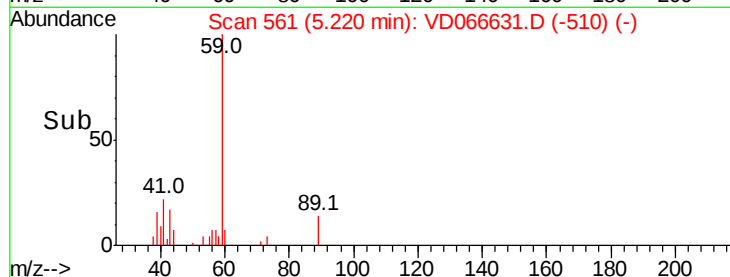
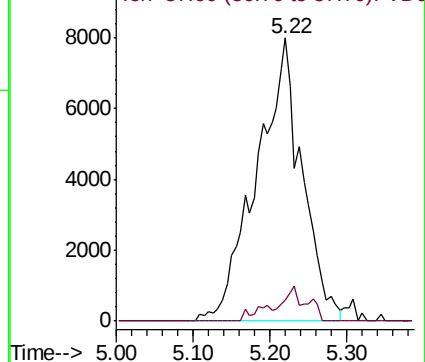
59 100

57 0.0 7.6 11.4#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 21.254 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

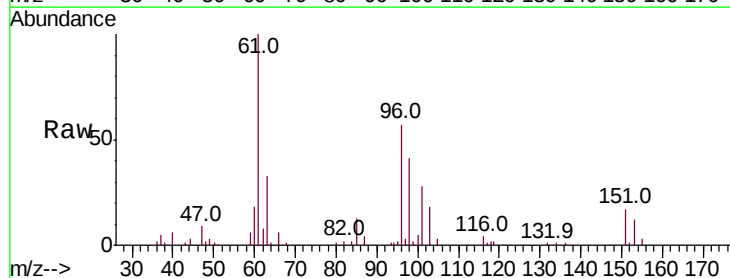
Tgt Ion: 96 Resp: 69416

Ion Ratio Lower Upper

96 100

61 175.6 140.9 211.3

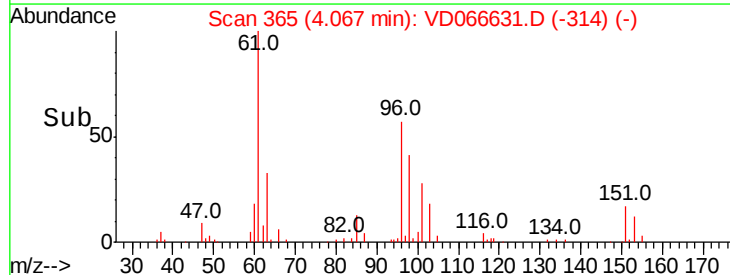
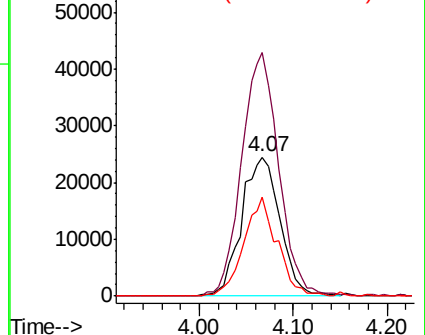
98 71.6 53.2 79.8

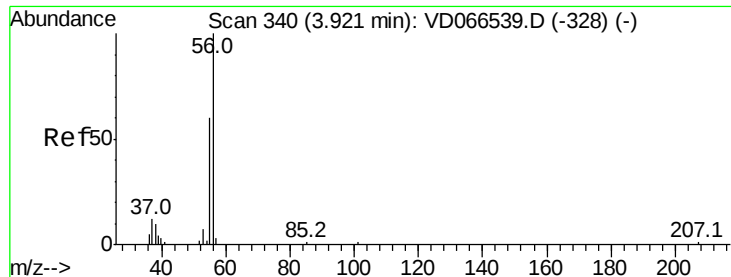


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 80.795 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

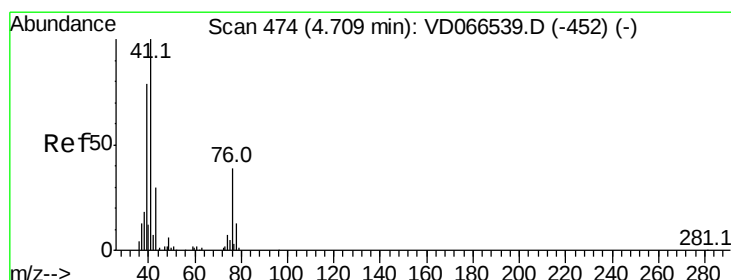
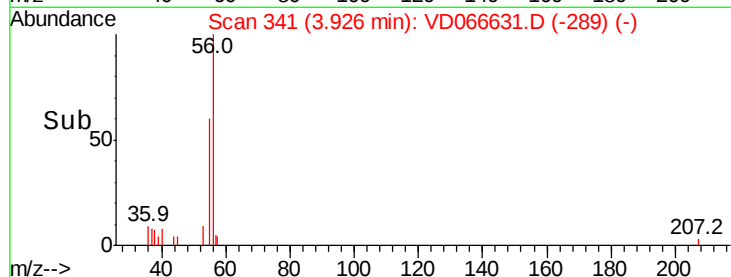
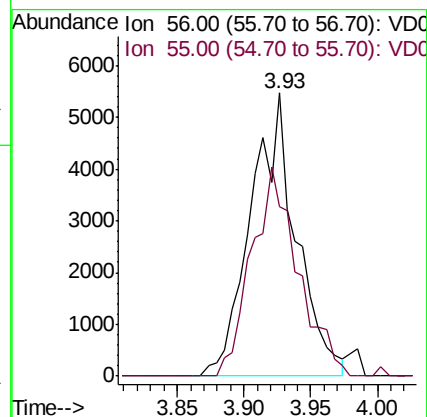
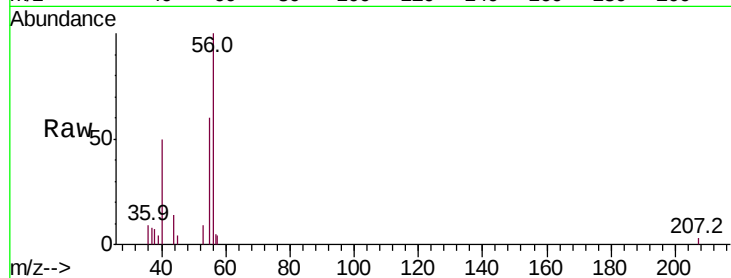
VD0910SBSD02

Tot Ion: 56 Resp: 12957

Ion Ratio Lower Upper

56 100

55 75.1 53.6 80.4



#14

Allyl chloride

Concen: 20.904 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

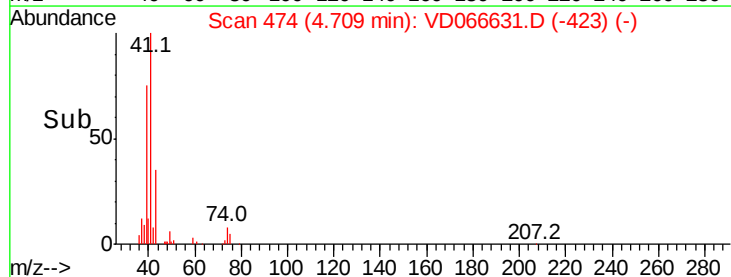
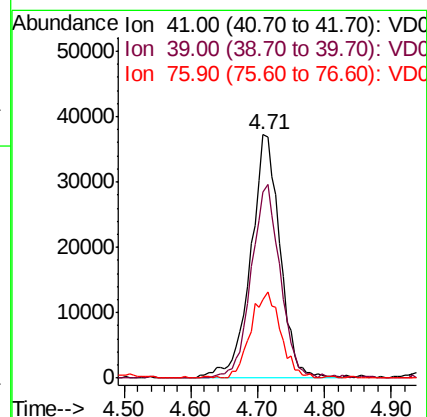
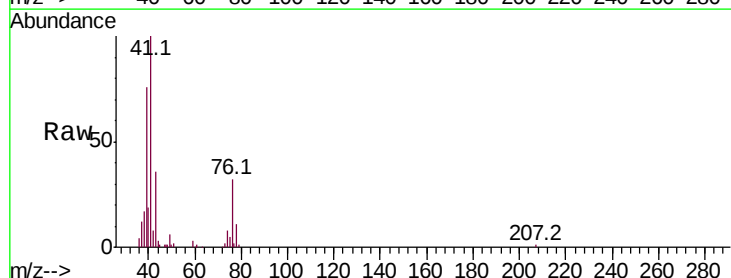
Tgt Ion: 41 Resp: 111892

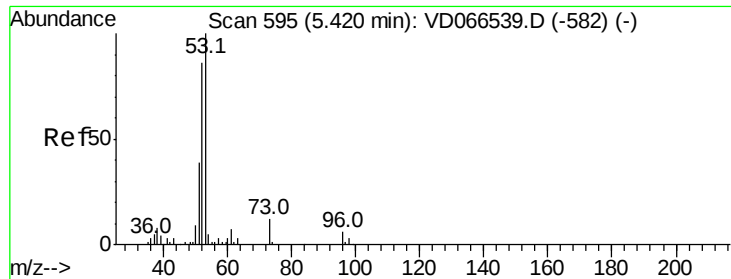
Ion Ratio Lower Upper

41 100

39 78.2 61.9 92.9

76 36.0 29.0 43.6





#15

Acrylonitrile

Concen: 115.581 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

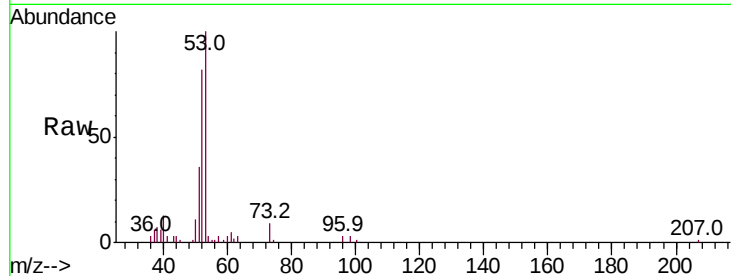
Tot Ion: 53 Resp: 83981

Ion Ratio Lower Upper

53 100

52 78.9 65.4 98.2

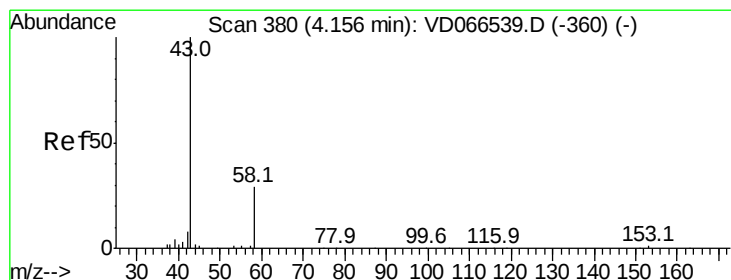
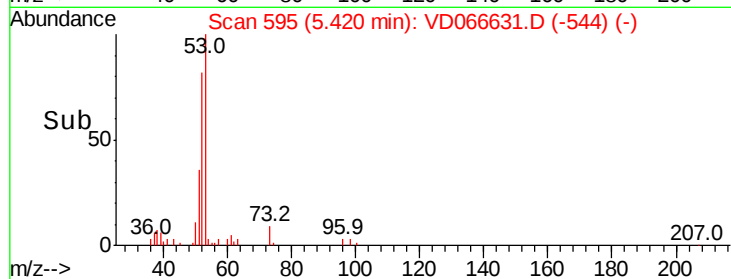
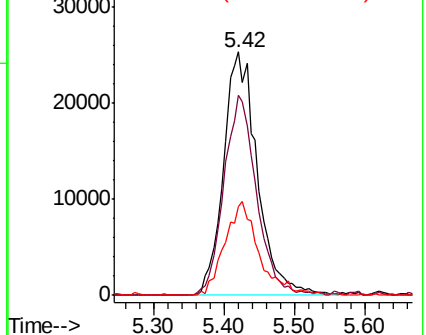
51 38.4 31.2 46.8



Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 95.035 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066631.D

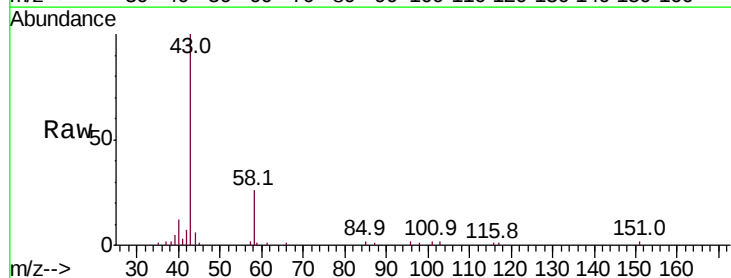
Acq: 11 Sep 2020 00:22

Tgt Ion: 43 Resp: 68583

Ion Ratio Lower Upper

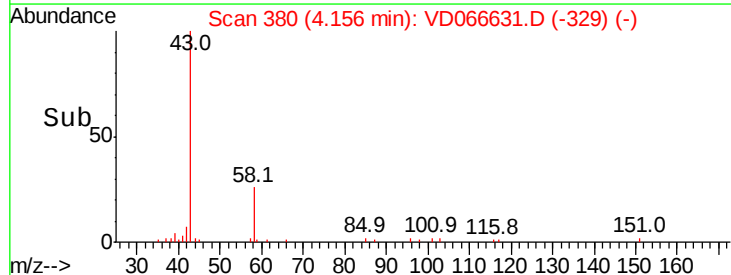
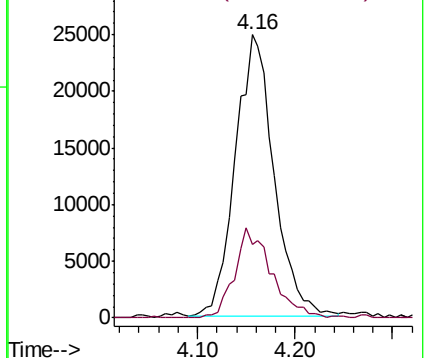
43 100

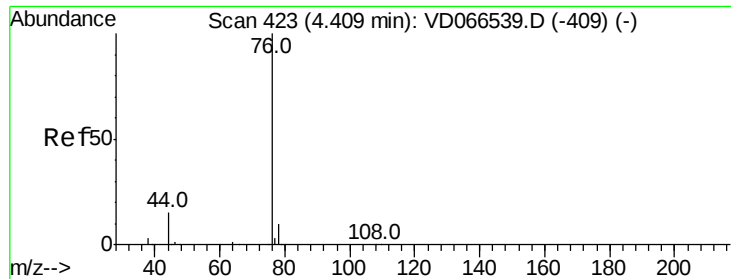
58 25.9 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

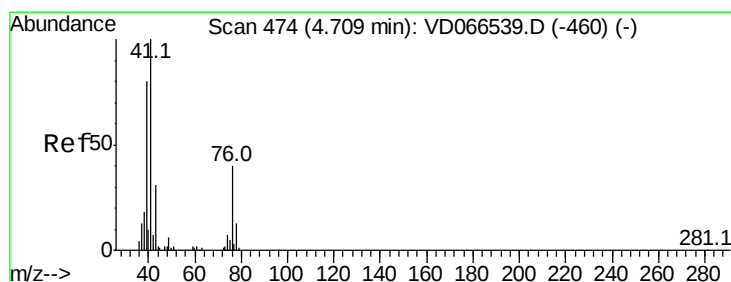
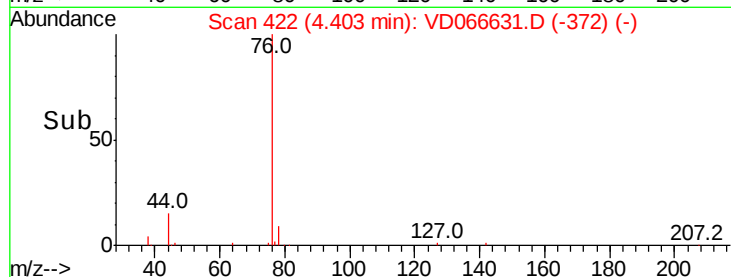
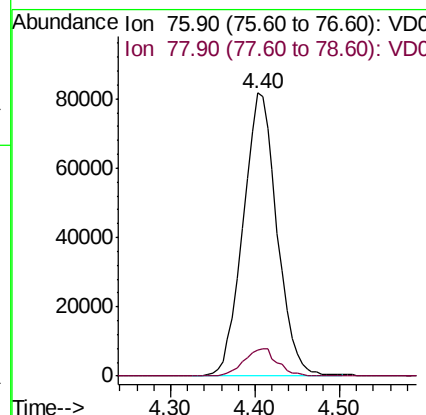
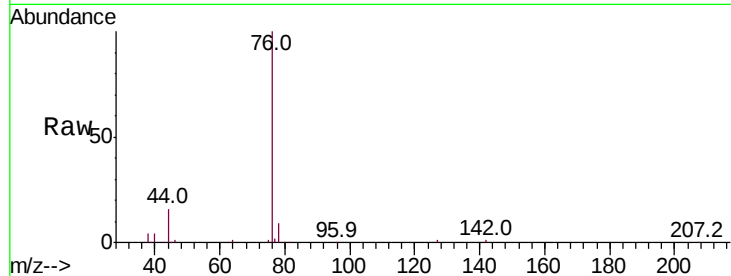




#17
Carbon Disulfide
Concen: 21.166 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

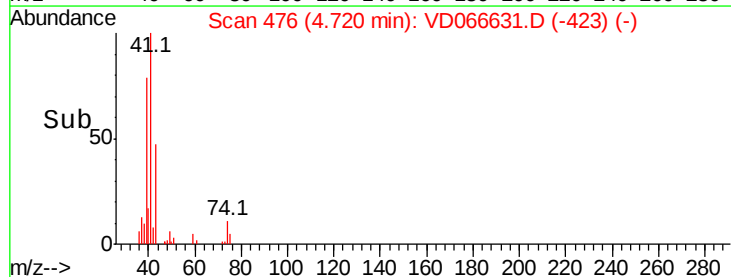
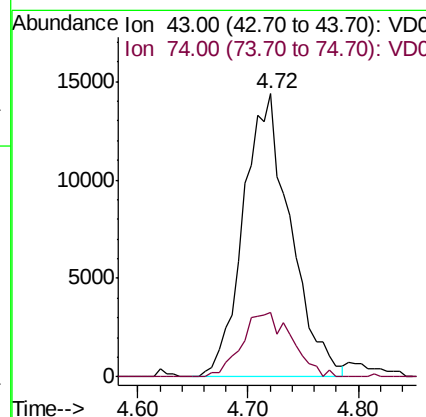
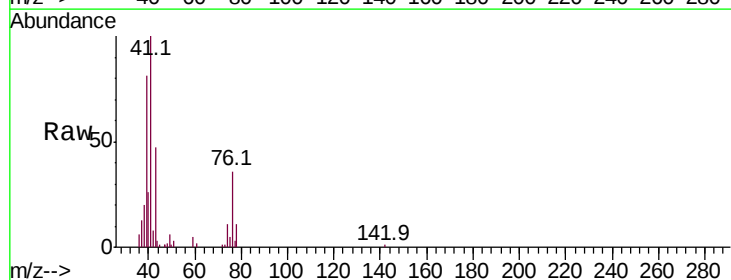
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

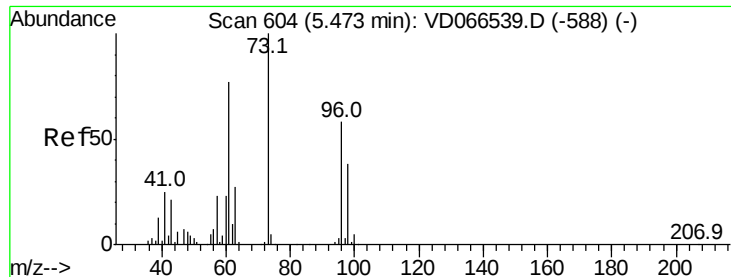
Tot Ion: 76 Resp: 227259
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 24.965 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion: 43 Resp: 42947
Ion Ratio Lower Upper
43 100
74 24.0 18.0 27.0



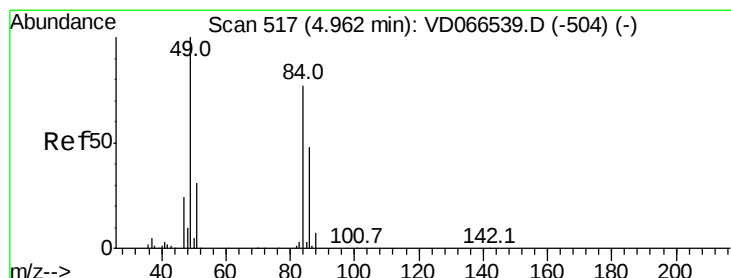
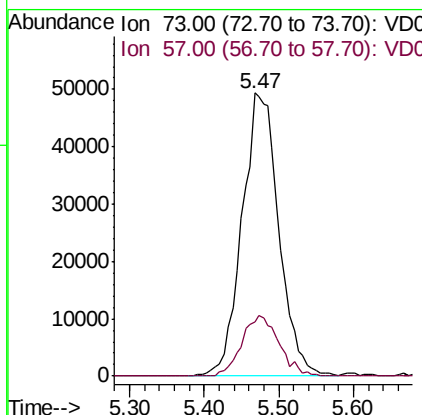
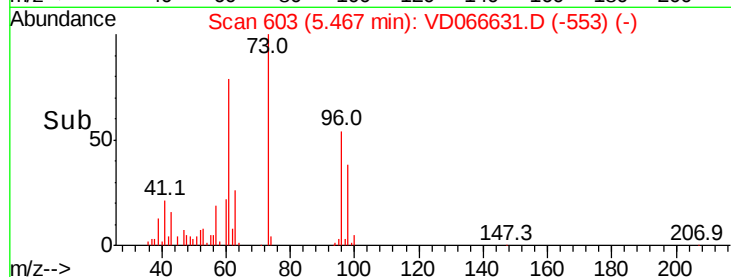
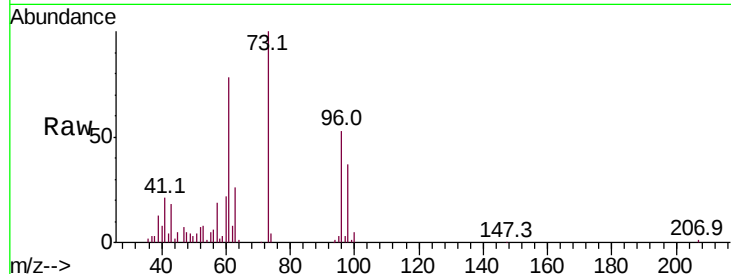


#19

Methyl tert-butyl Ether
 Concen: 22.061 ug/l
 RT: 5.47 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0910SBS02

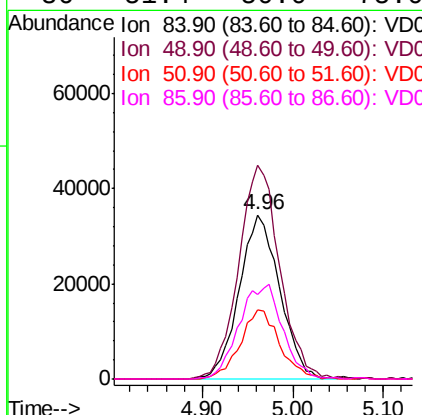
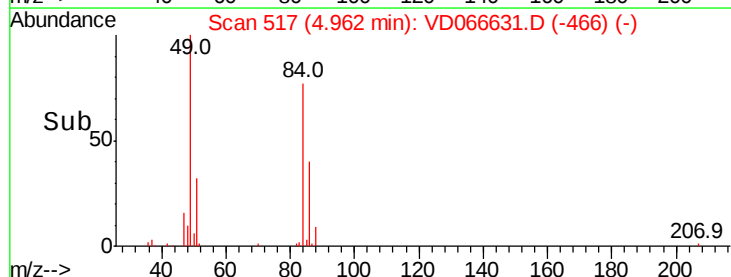
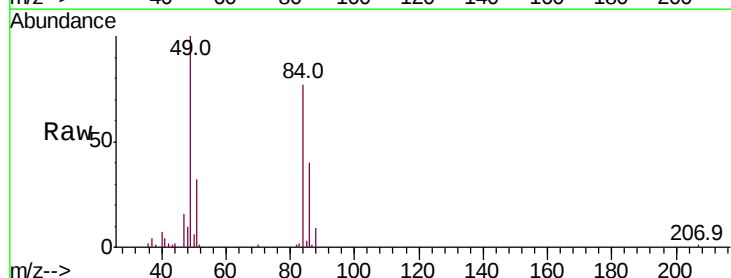
Tot Ion: 73 Resp: 168964
 Ion Ratio Lower Upper
 73 100
 57 19.3 18.3 27.5

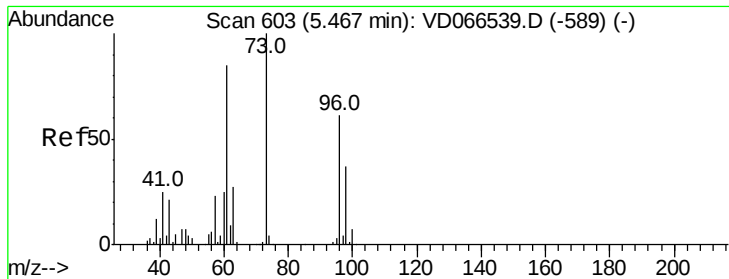


#20

Methylene Chloride
 Concen: 23.736 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion: 84 Resp: 107022
 Ion Ratio Lower Upper
 84 100
 49 129.9 104.3 156.5
 51 41.7 32.2 48.4
 86 51.4 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 21.486 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

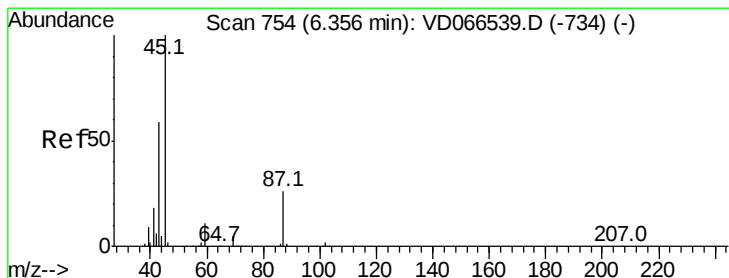
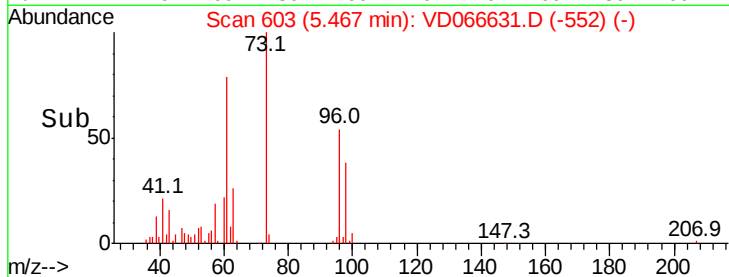
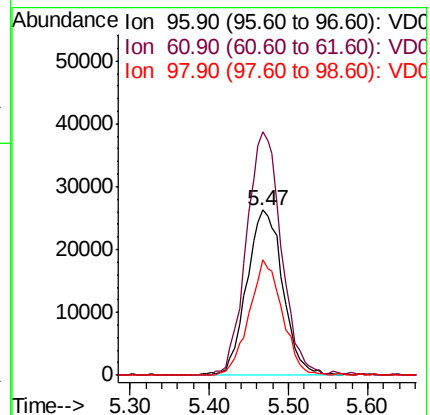
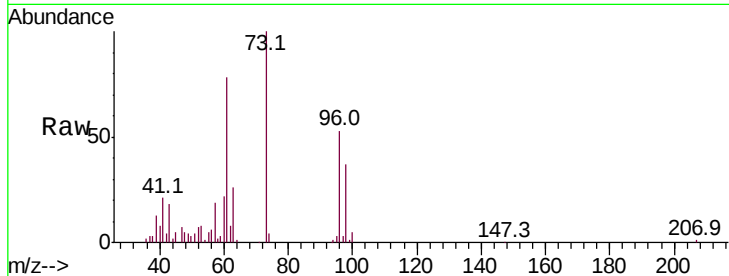
Tot Ion: 96 Resp: 83330

Ion Ratio Lower Upper

96 100

61 147.2 112.1 168.1

98 70.2 48.6 72.8



#22

Diisopropyl ether

Concen: 22.995 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Tgt Ion: 45 Resp: 253111

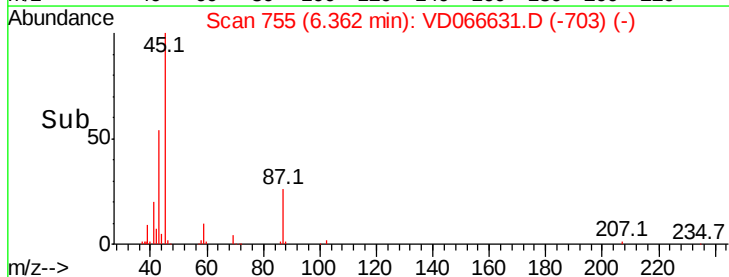
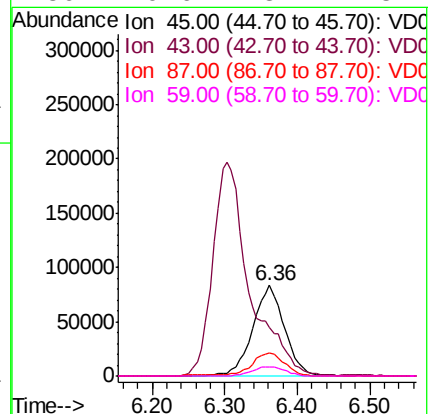
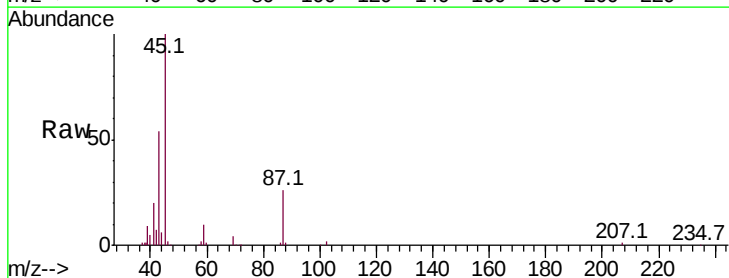
Ion Ratio Lower Upper

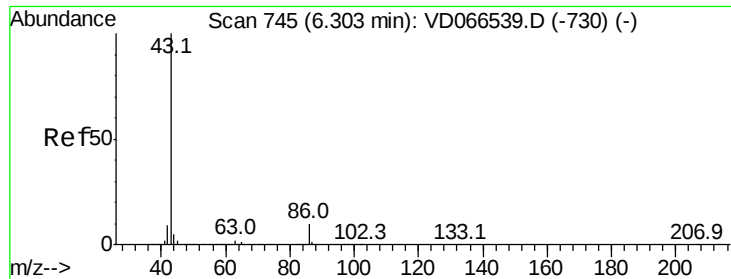
45 100

43 52.7 47.0 70.4

87 25.5 21.3 31.9

59 9.6 8.7 13.1





#23

Vinyl Acetate

Concen: 110.530 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

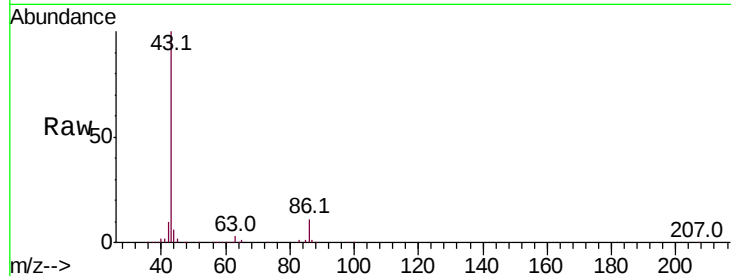
VD0910SBS02

Tot Ion: 43 Resp: 692340

Ion Ratio Lower Upper

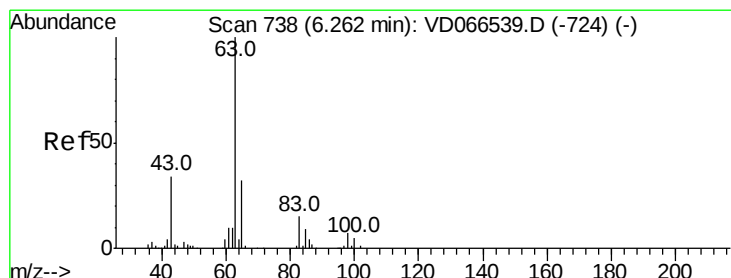
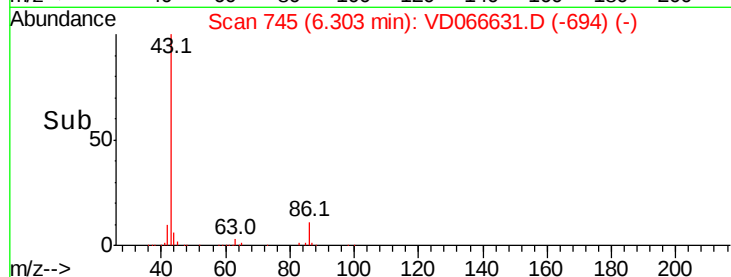
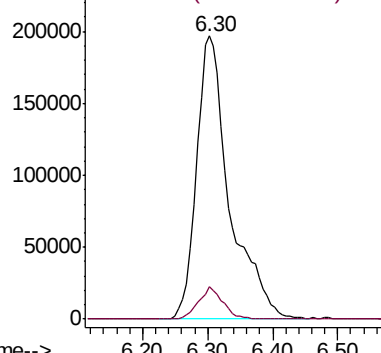
43 100

86 11.3 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.434 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

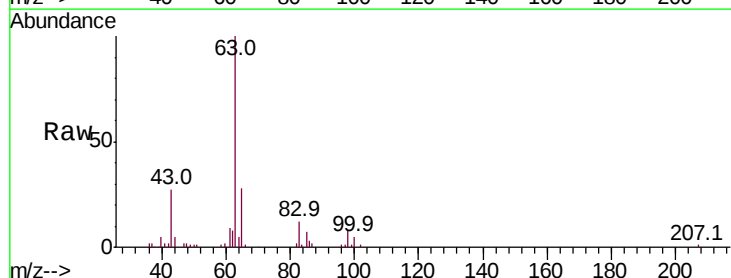
Tgt Ion: 63 Resp: 155288

Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.1

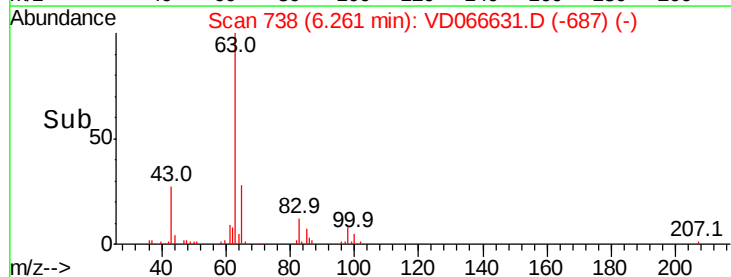
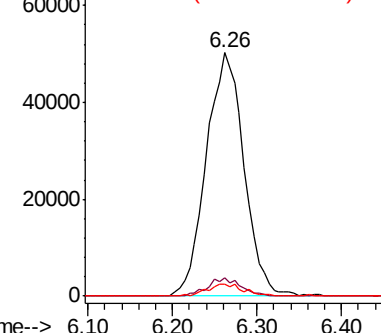
100 4.9 2.5 7.4

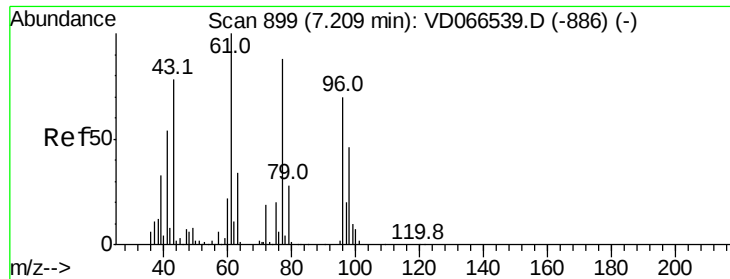


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

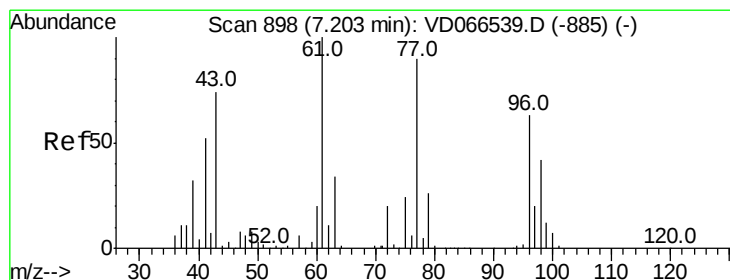
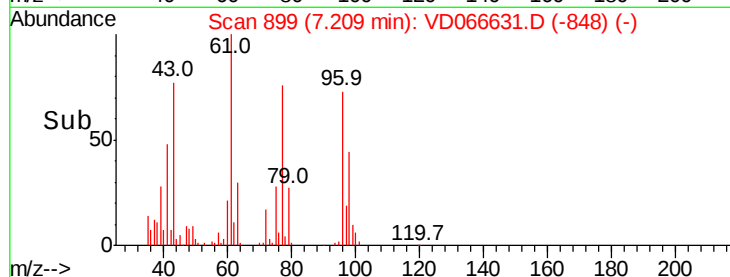
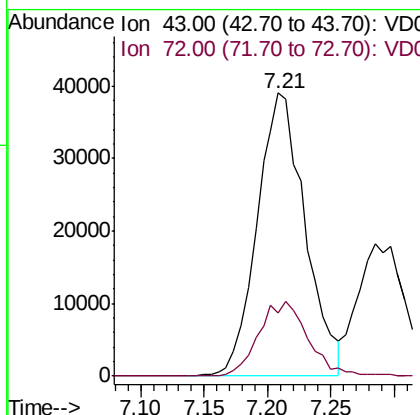
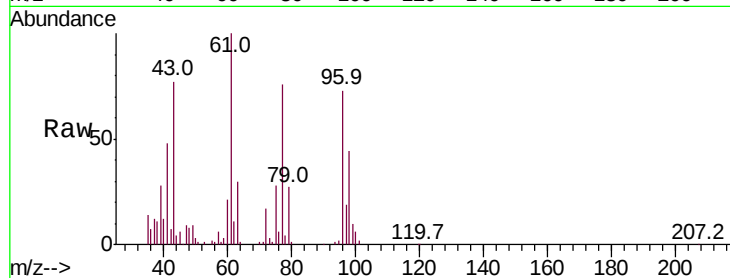




#25
 2-Butanone
 Concen: 106.063 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

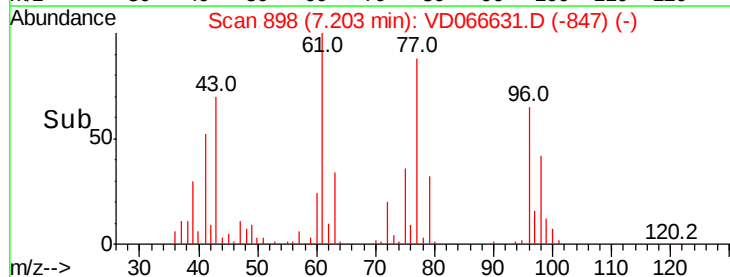
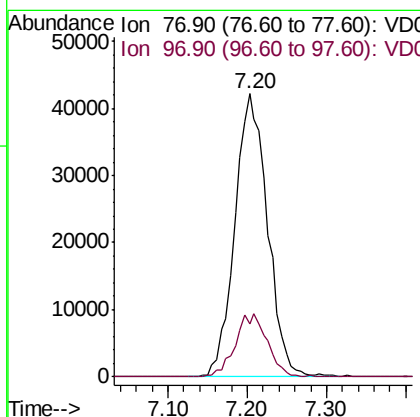
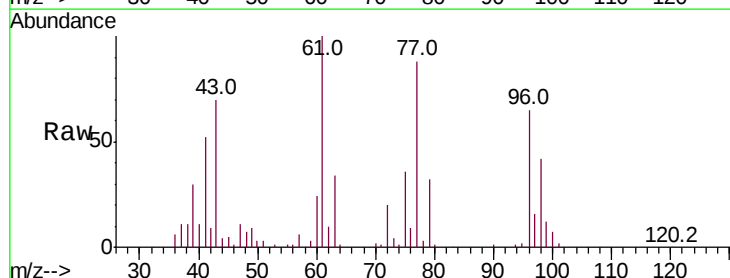
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

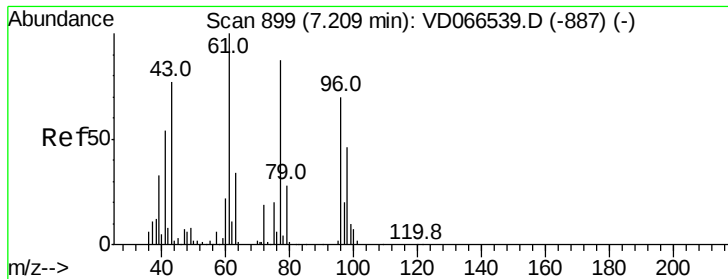
Tot Ion: 43 Resp: 102748
 Ion Ratio Lower Upper
 43 100
 72 22.3 19.8 29.6



#26
 2,2-Dichloropropane
 Concen: 18.976 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion: 77 Resp: 120484
 Ion Ratio Lower Upper
 77 100
 97 21.6 10.8 32.3



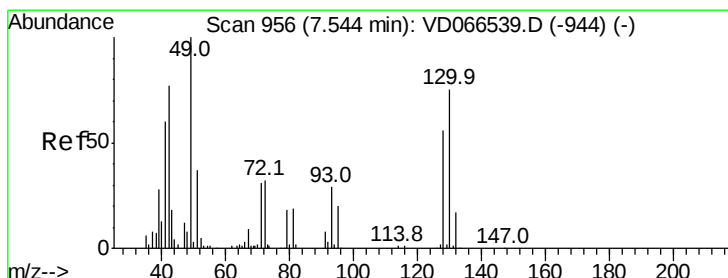
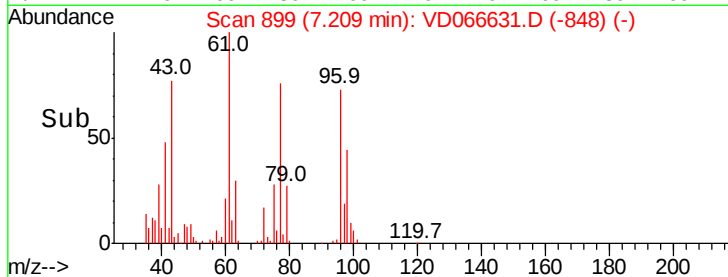
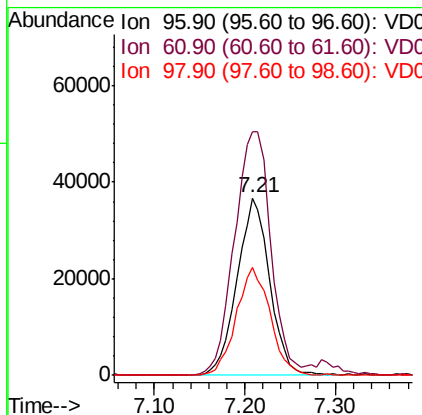
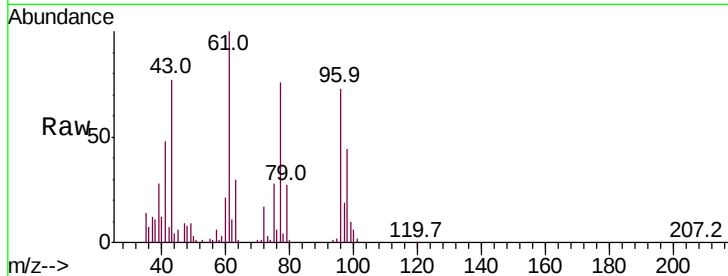


#27

cis-1,2-Dichloroethene
 Concen: 22.015 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

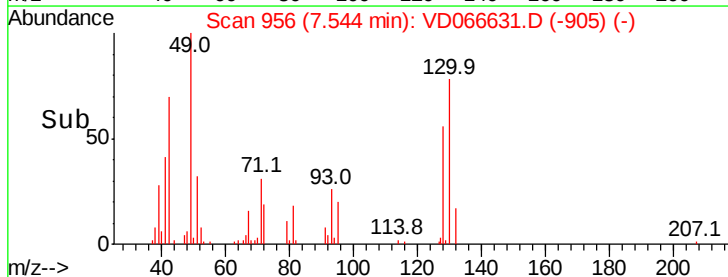
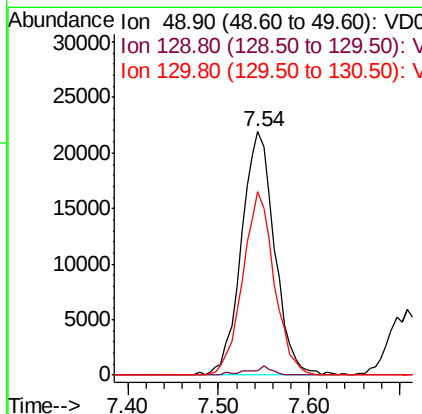
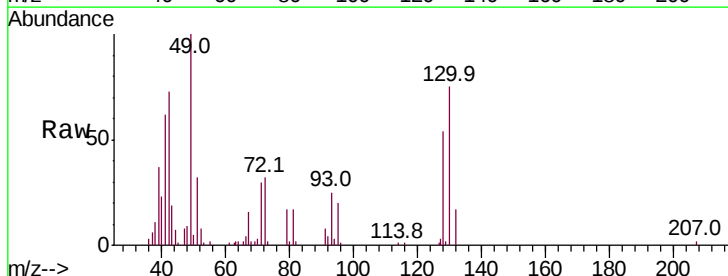
Tot Ion	96	Resp	91817
Ion	Ratio	Lower	Upper
96	100		
61	153.4	0.0	301.0
98	63.4	0.0	129.8

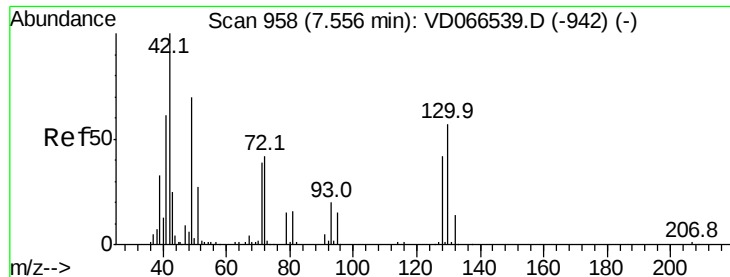


#28

Bromochloromethane
 Concen: 20.858 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion	49	Resp	55585
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.6#
130	71.4	58.2	87.2





#29

Tetrahydrofuran

Concen: 106.987 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

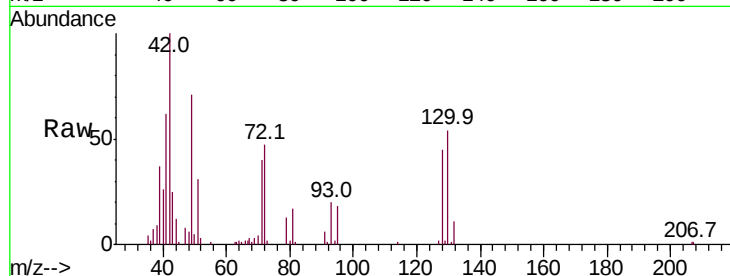
Tot Ion: 42 Resp: 64548

Ion Ratio Lower Upper

42 100

72 44.6 33.4 50.0

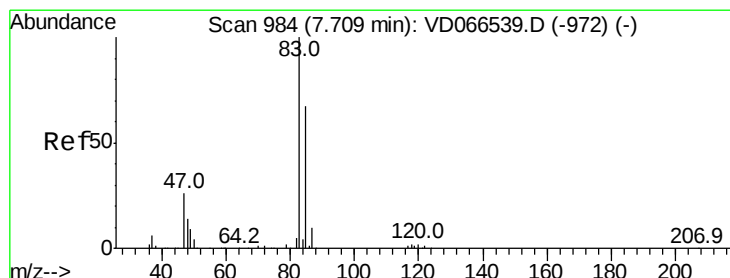
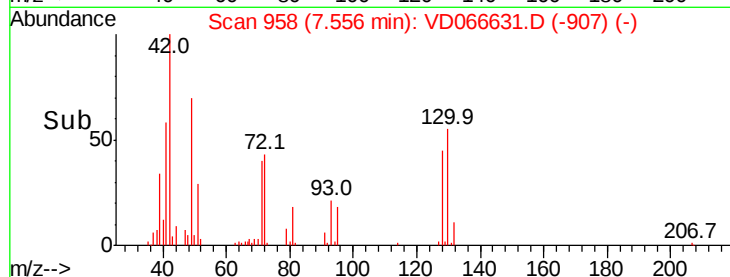
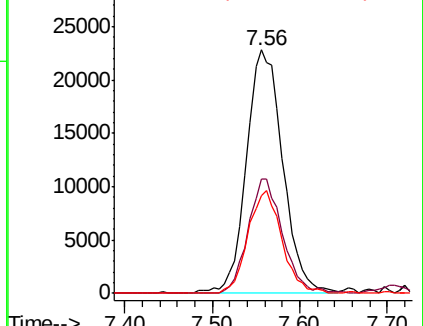
71 39.1 31.9 47.9



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 22.163 ug/l

RT: 7.70 min Scan# 983

Delta R.T. -0.01 min

Lab File: VD066631.D

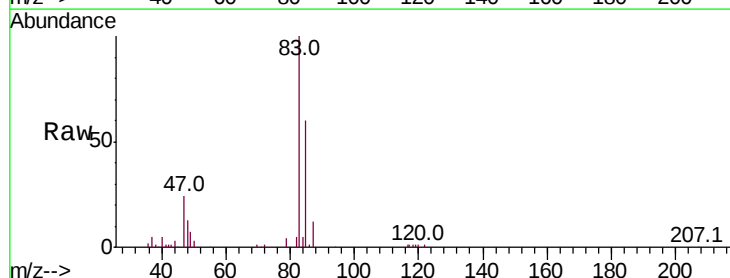
Acq: 11 Sep 2020 00:22

Tgt Ion: 83 Resp: 162300

Ion Ratio Lower Upper

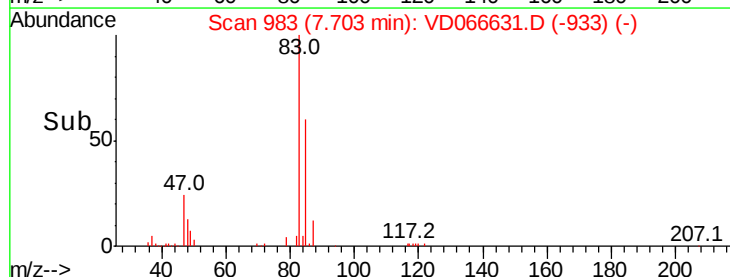
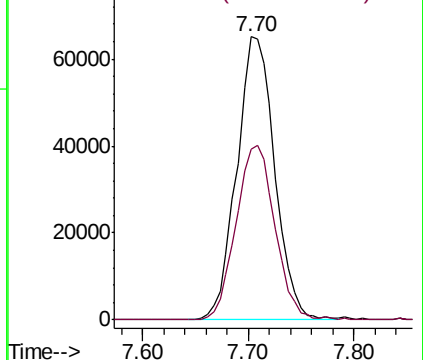
83 100

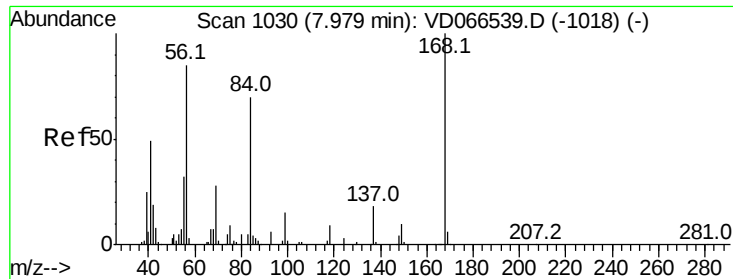
85 60.2 53.6 80.4



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

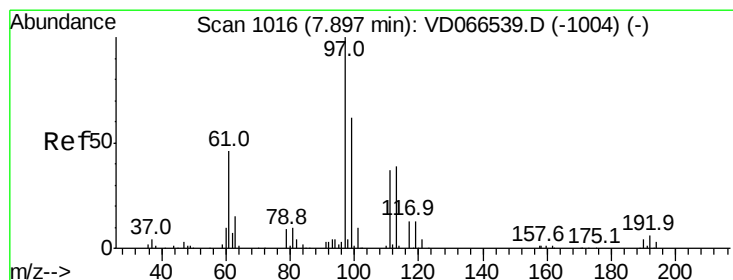
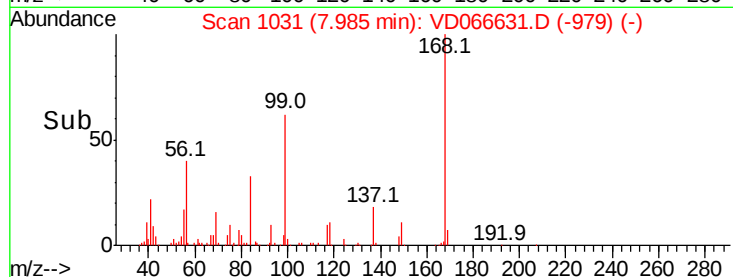
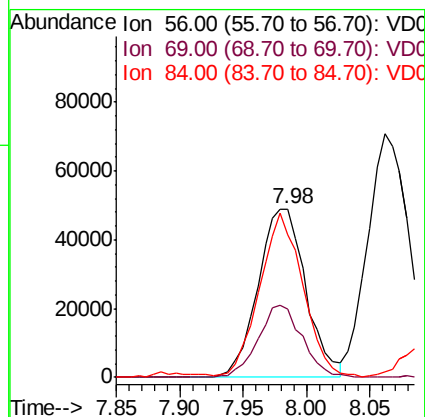
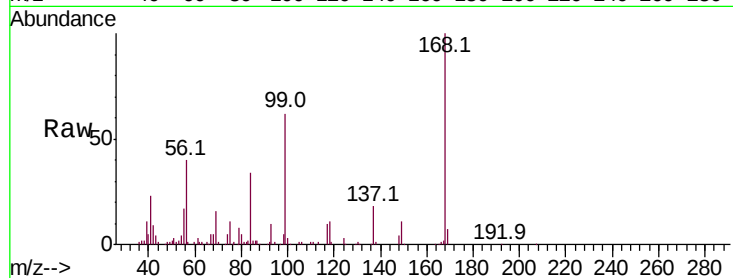




#31
Cyclohexane
Concen: 20.054 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

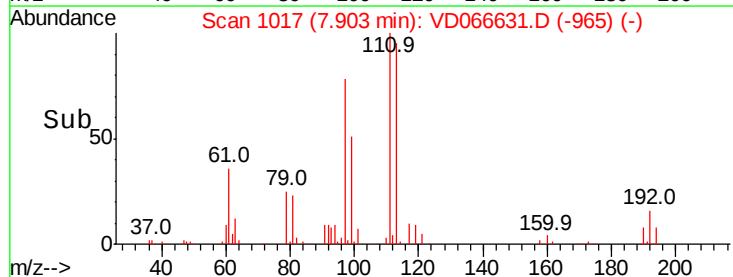
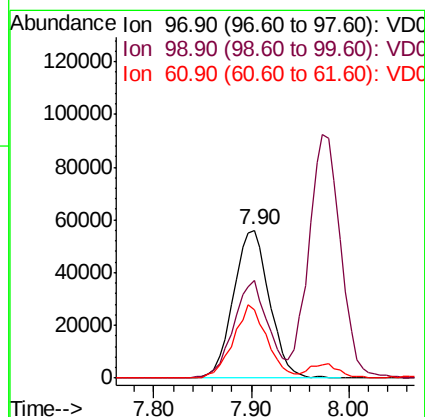
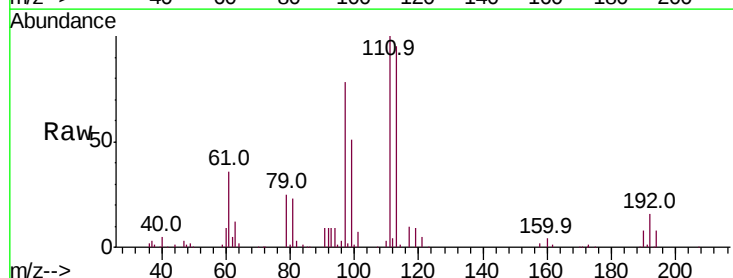
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

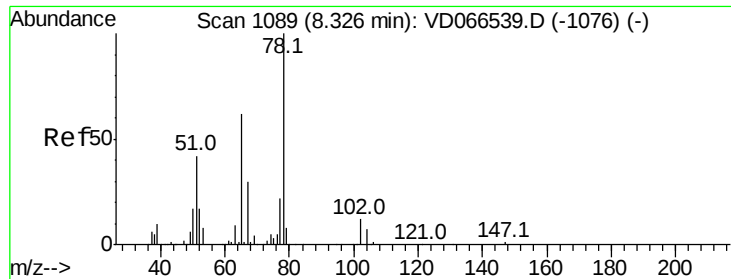
Tot Ion: 56 Resp: 128313
Ion Ratio Lower Upper
56 100
69 40.3 26.3 39.5#
84 82.5 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 20.777 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion: 97 Resp: 143046
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 46.2 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 55.917 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.00 min

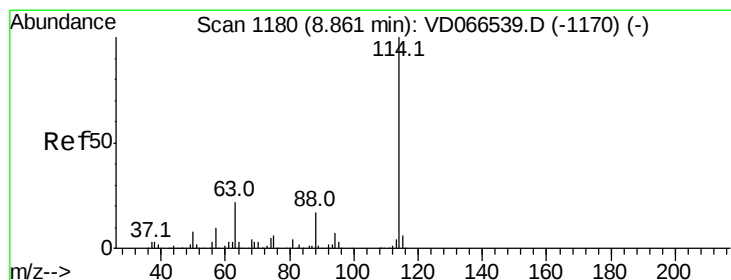
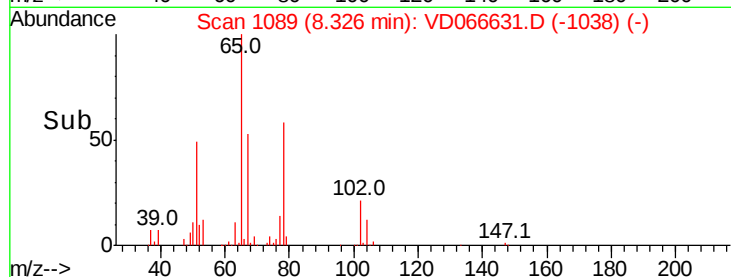
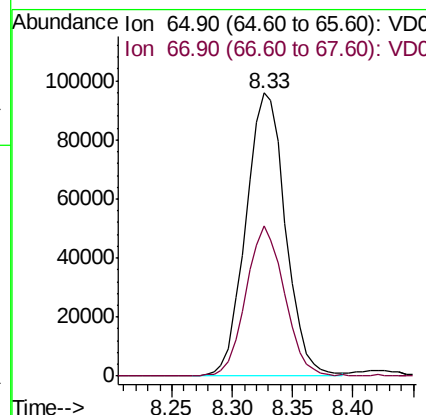
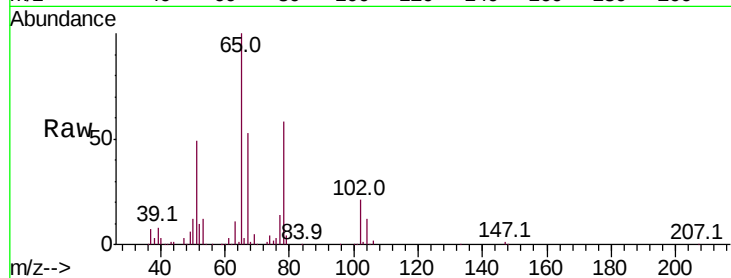
Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

Tot Ion: 65 Resp: 219312

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

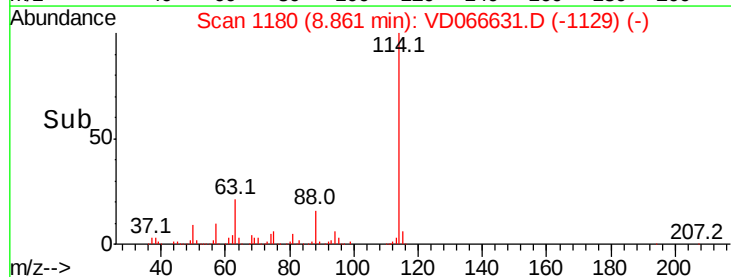
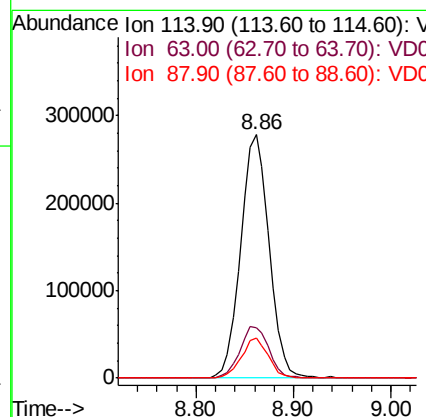
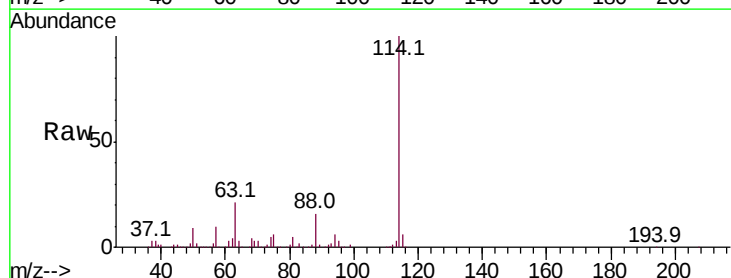
Delta R.T. -0.00 min

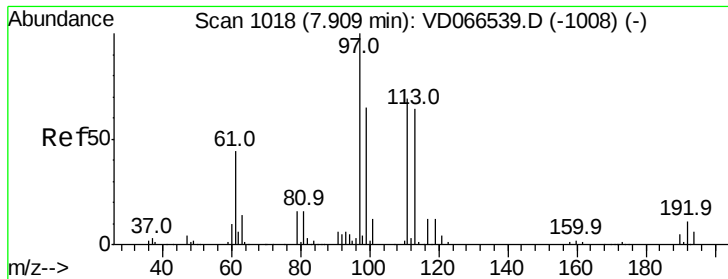
Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Tgt Ion: 114 Resp: 564743

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	16.3	0.0	33.2

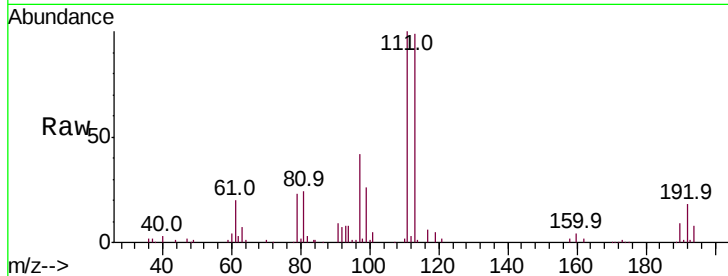




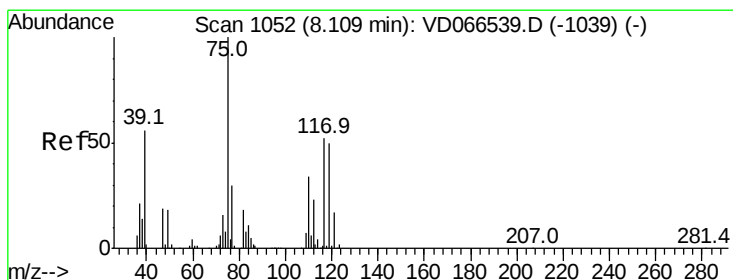
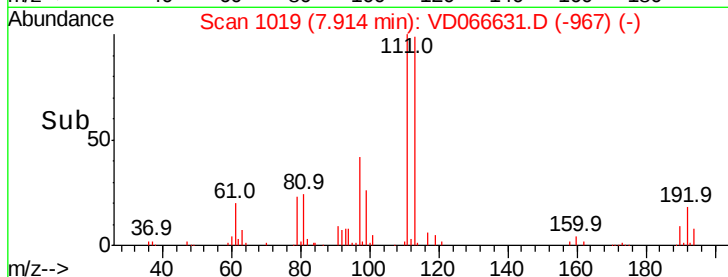
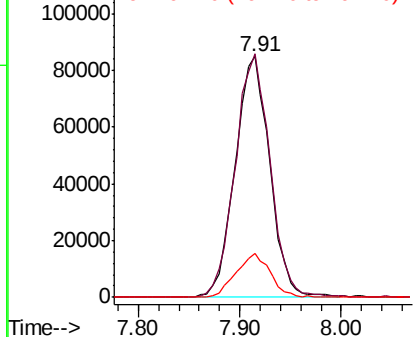
#35
 Dibromofluoromethane
 Concen: 52.906 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

Tot Ion:113 Resp: 201562
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.2 124.8
 192 17.9 13.7 20.5

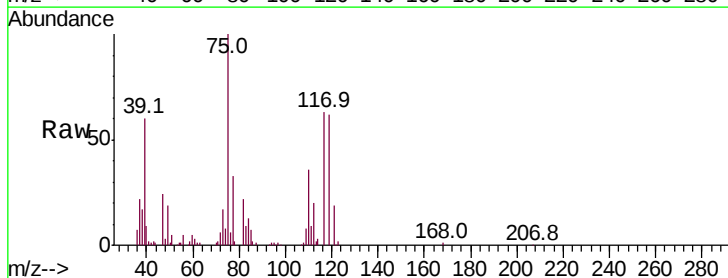


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

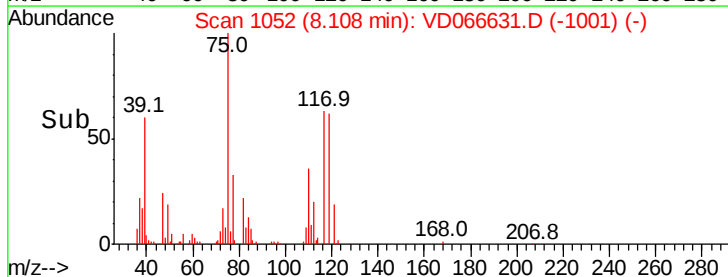
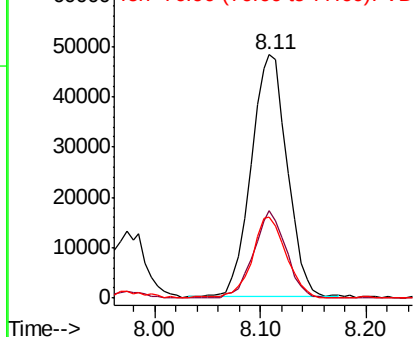


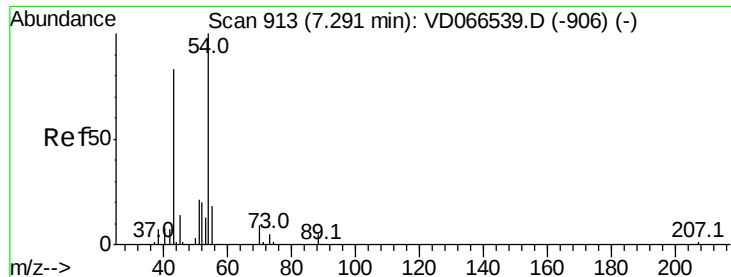
#36
 1,1-Dichloropropene
 Concen: 19.372 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion: 75 Resp: 113852
 Ion Ratio Lower Upper
 75 100
 110 32.6 17.3 52.0
 77 32.2 25.1 37.7



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

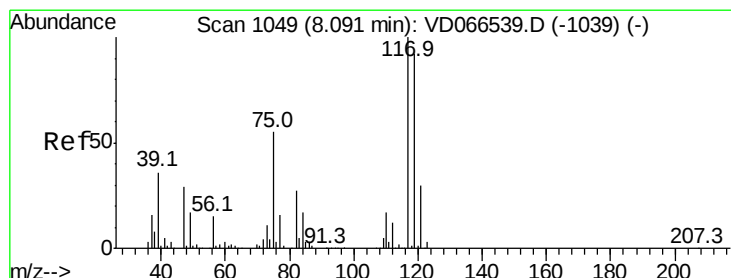
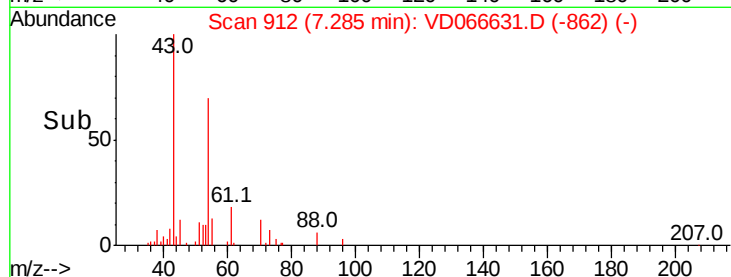
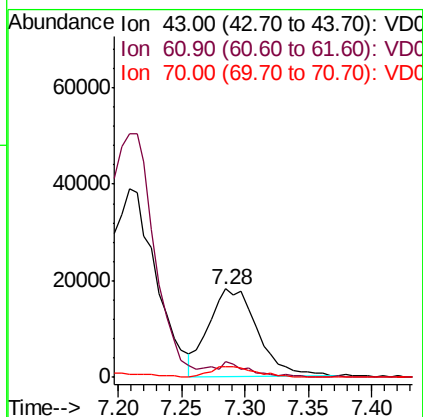
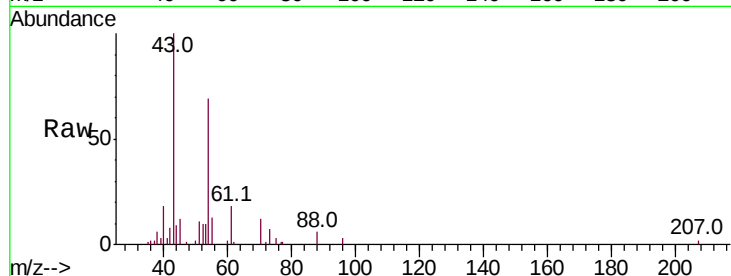




#37
Ethyl Acetate
Concen: 20.566 ug/l
RT: 7.28 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

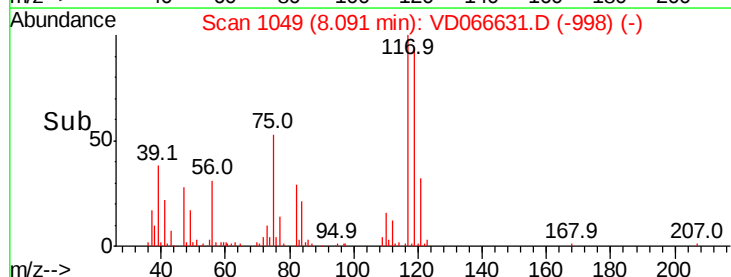
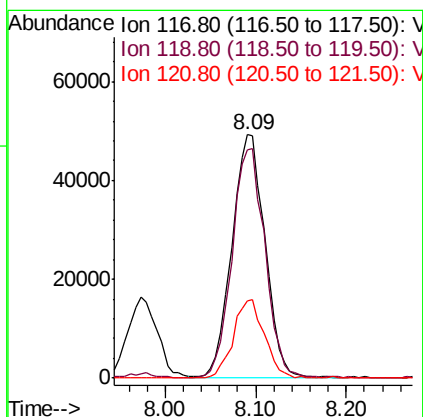
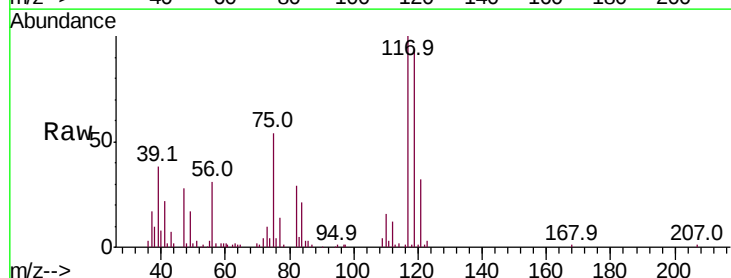
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

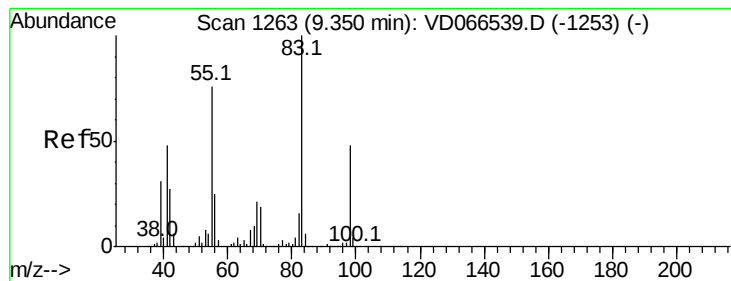
Tot Ion: 43 Resp: 48130
Ion Ratio Lower Upper
43 100
61 9.6 11.8 17.8#
70 11.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.200 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion: 117 Resp: 125488
Ion Ratio Lower Upper
117 100
119 93.5 73.9 110.9
121 31.5 24.1 36.1





#39

Methvlcvclohexane

Concen: 19.063 ug/l

RT: 9.35 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

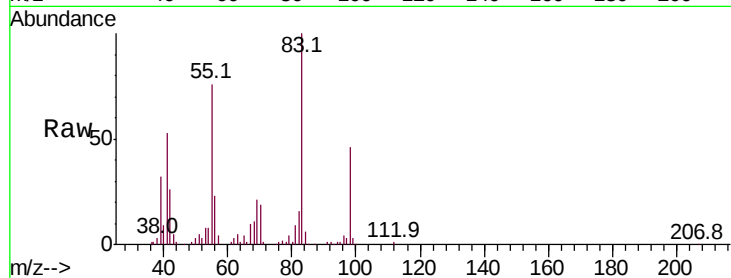
Tot Ion: 83 Resp: 125106

Ion Ratio Lower Upper

83 100

55 76.1 60.8 91.2

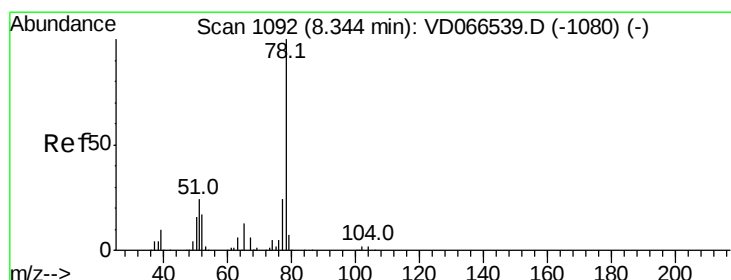
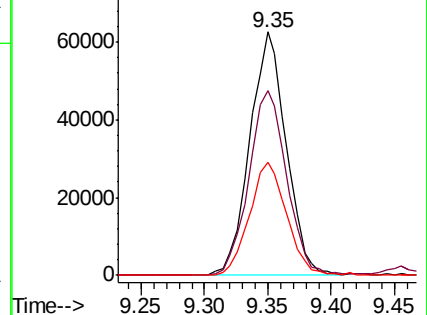
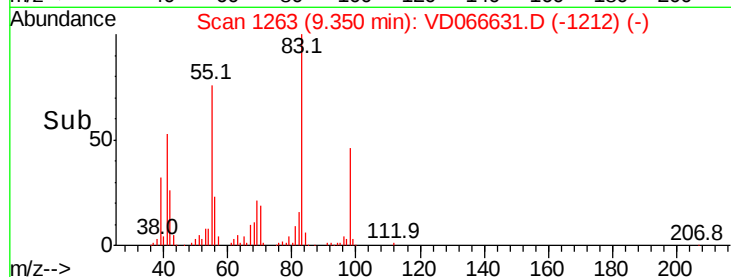
98 46.2 38.6 58.0



Abundance Ion 83.00 (82.70 to 83.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.00 (97.70 to 98.70): VDC



#40

Benzene

Concen: 21.231 ug/l

RT: 8.34 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VD066631.D

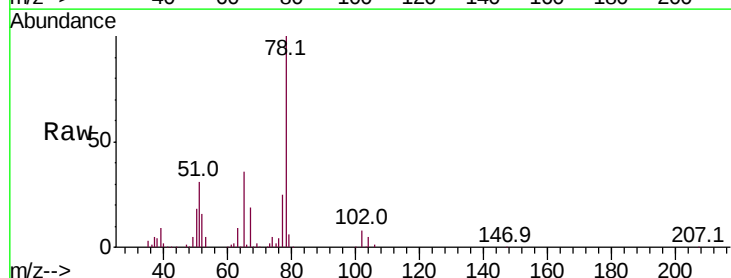
Acq: 11 Sep 2020 00:22

Tgt Ion: 78 Resp: 341741

Ion Ratio Lower Upper

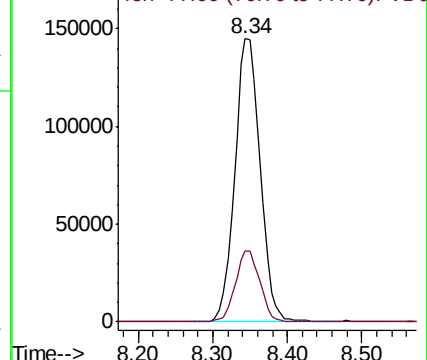
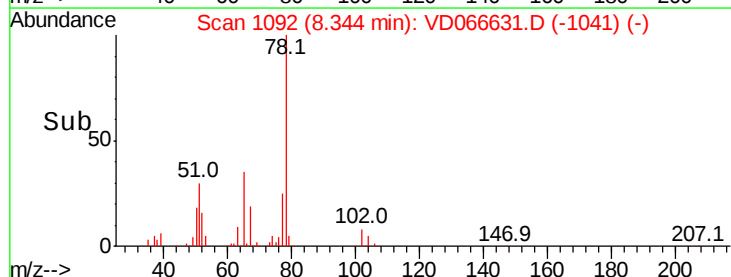
78 100

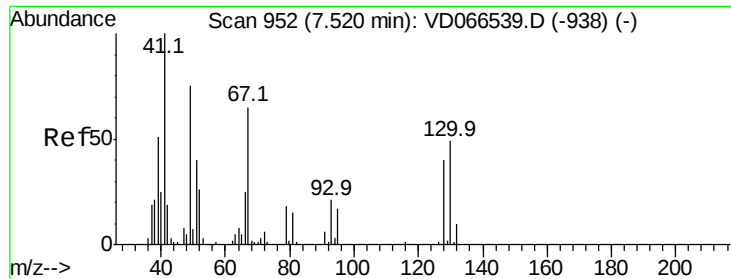
77 25.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC

Ion 77.00 (76.70 to 77.70): VDC

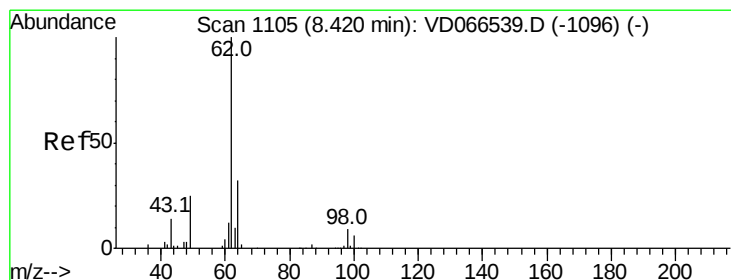
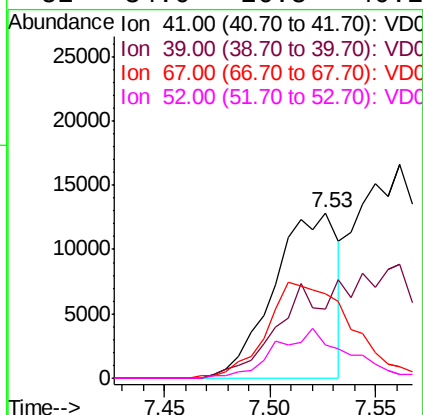
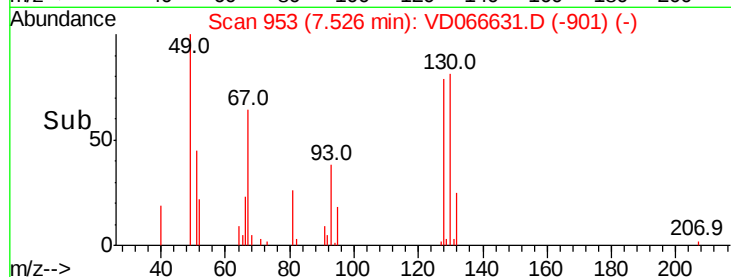
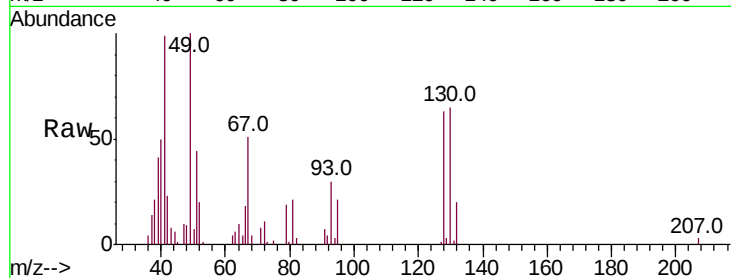




#41
Methacrylonitrile
Concen: 23.956 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

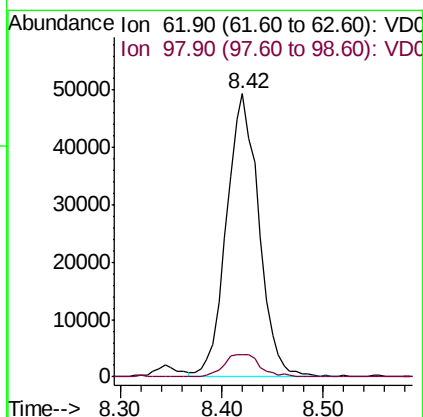
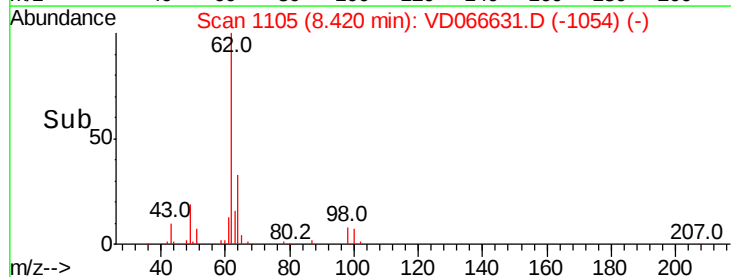
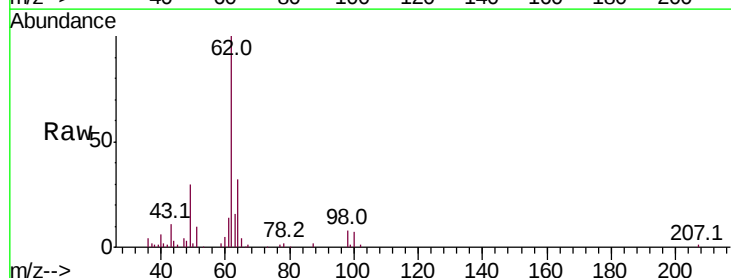
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

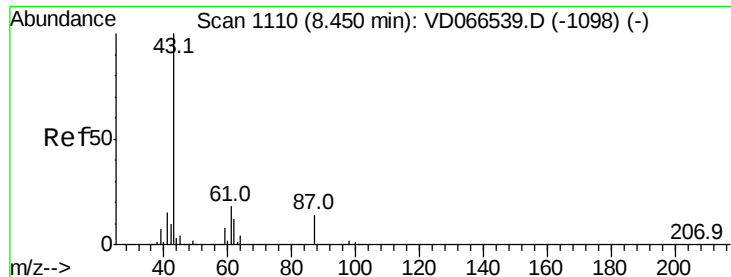
Tot Ion: 41 Resp: 27138
Ion Ratio Lower Upper
41 100
39 42.7 53.6 80.4#
67 76.2 59.2 88.8
52 34.0 26.8 40.2



#42
1,2-Dichloroethane
Concen: 21.056 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion: 62 Resp: 109814
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 20.533 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

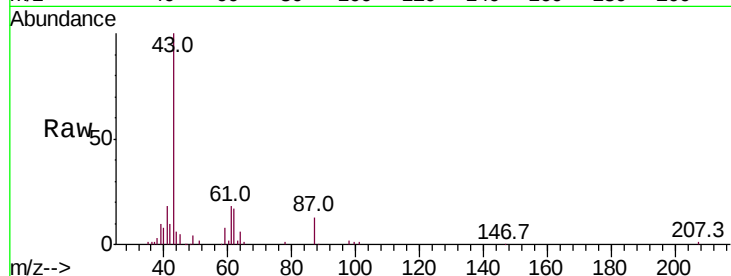
Tot Ion: 43 Resp: 92091

Ion Ratio Lower Upper

43 100

61 31.6 23.8 35.8

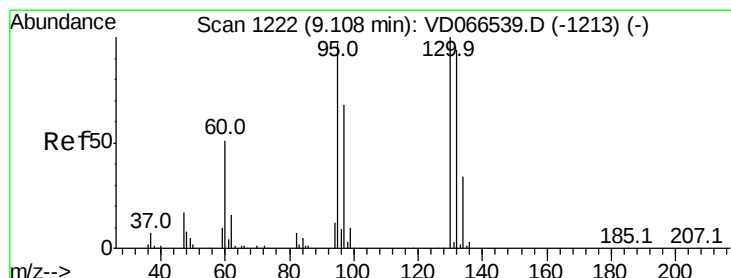
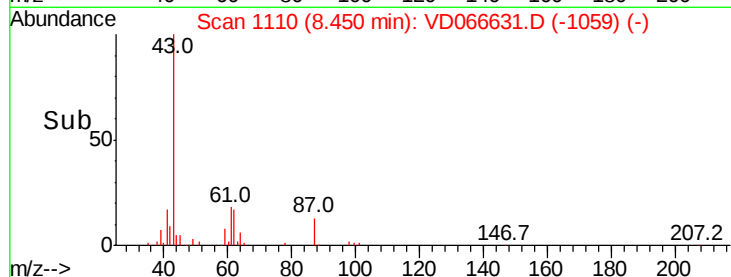
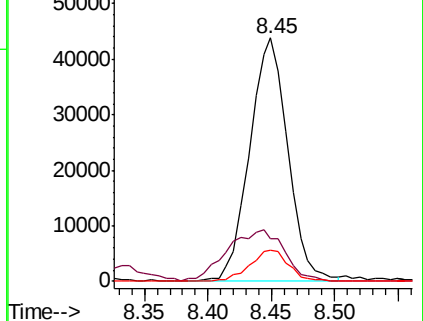
87 13.0 10.7 16.1



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: 20.574 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066631.D

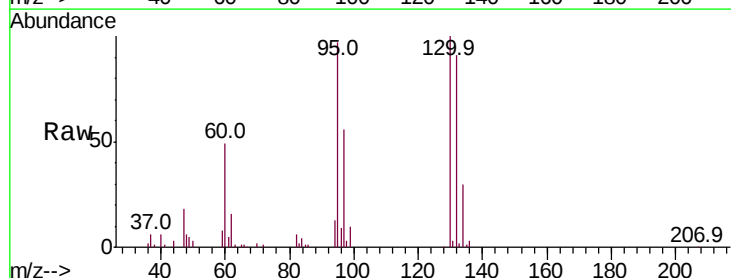
Acq: 11 Sep 2020 00:22

Tgt Ion:130 Resp: 86867

Ion Ratio Lower Upper

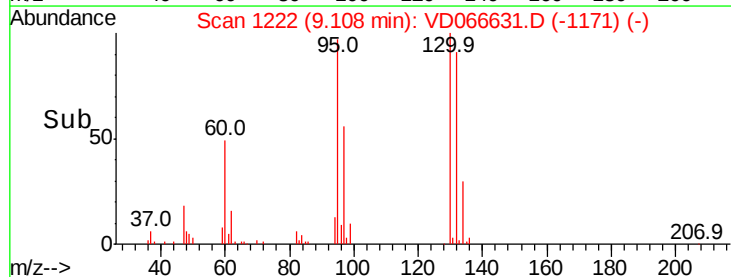
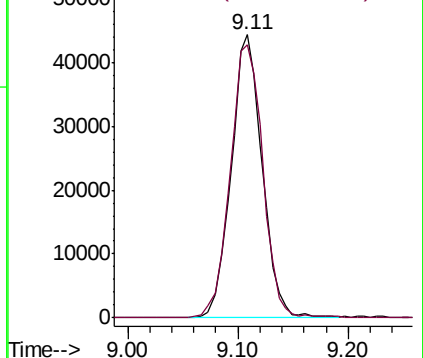
130 100

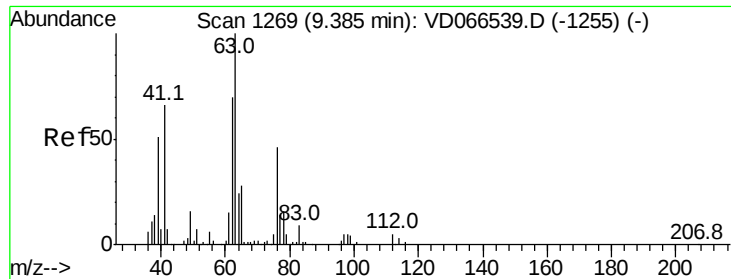
95 96.7 0.0 194.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.380 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

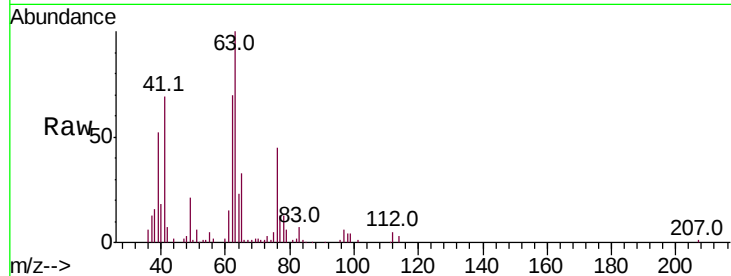
VD0910SBSD02

Tot Ion: 63 Resp: 86545

Ion Ratio Lower Upper

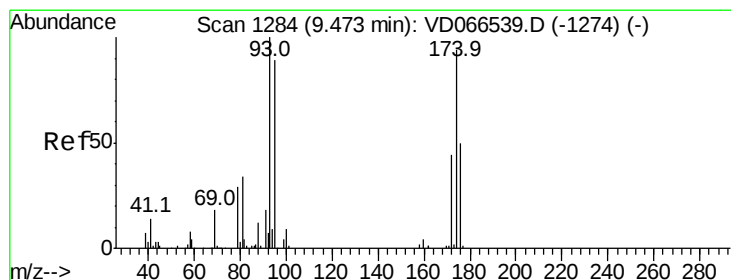
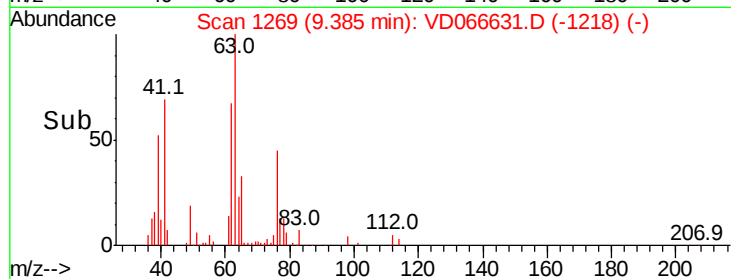
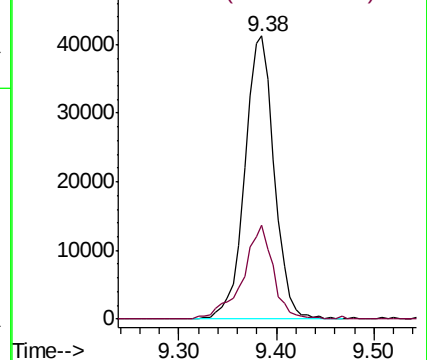
63 100

65 33.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 21.081 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

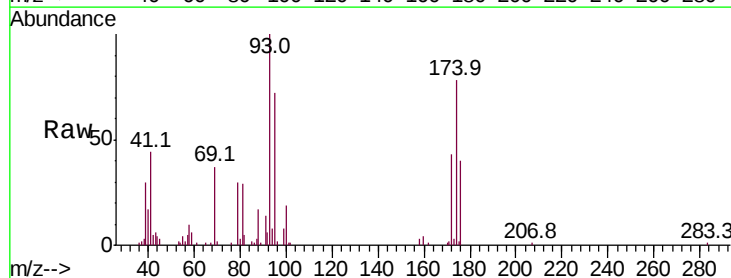
Tgt Ion: 93 Resp: 47080

Ion Ratio Lower Upper

93 100

95 81.9 68.7 103.1

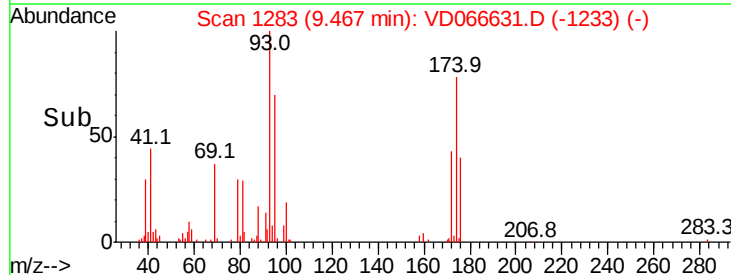
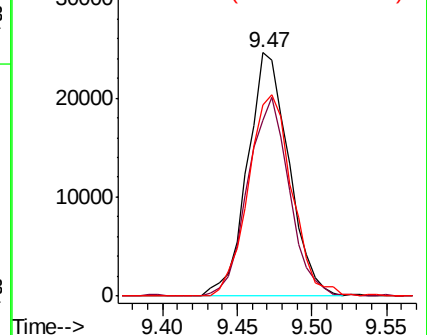
174 87.1 70.0 105.0

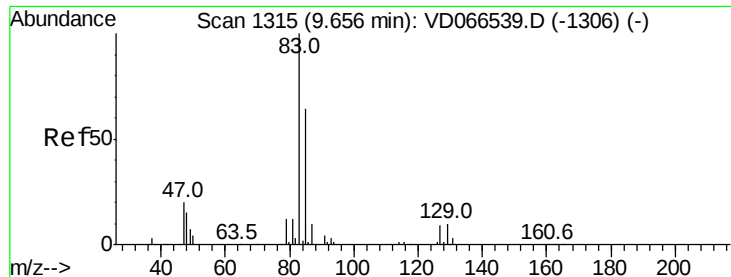


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.817 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

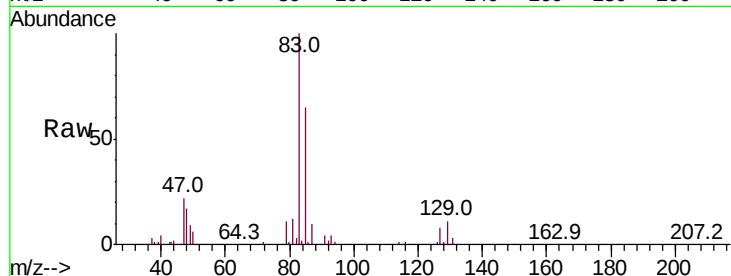
Tot Ion: 83 Resp: 125782

Ion Ratio Lower Upper

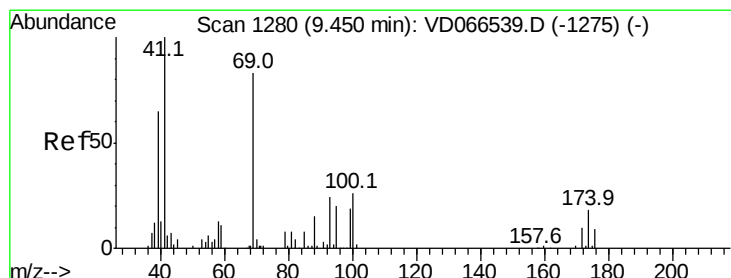
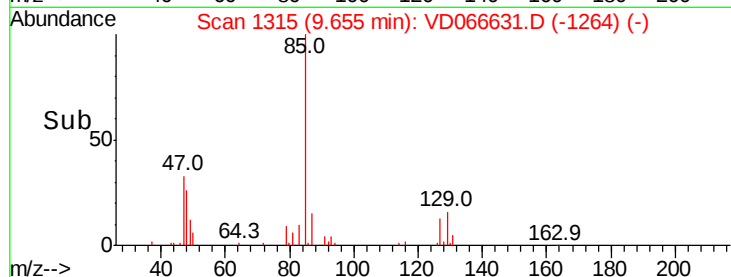
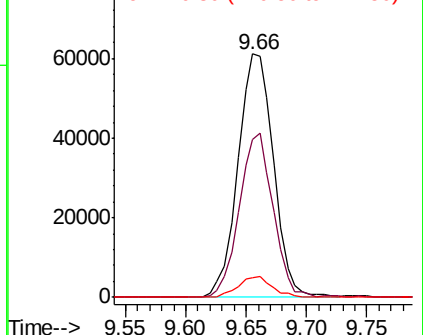
83 100

85 65.0 51.1 76.7

127 8.1 6.9 10.3



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



#48

Methyl methacrylate

Concen: 18.894 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

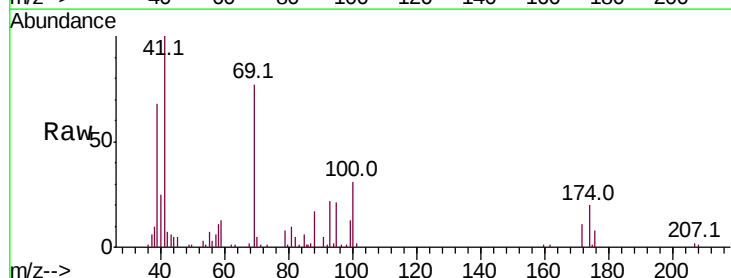
Tgt Ion: 41 Resp: 42849

Ion Ratio Lower Upper

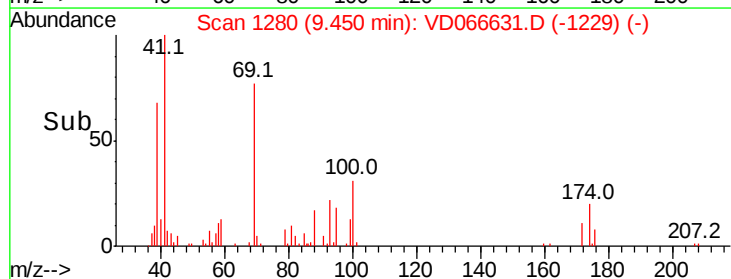
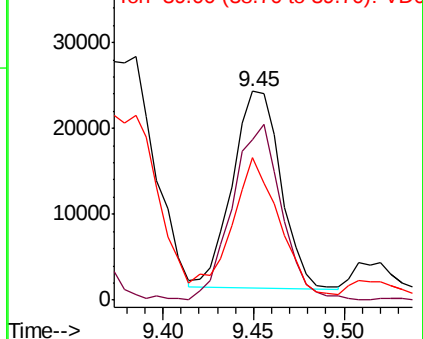
41 100

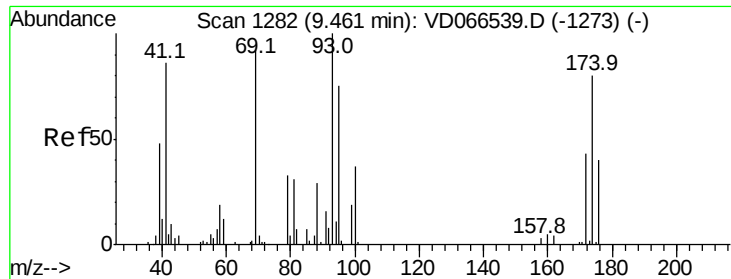
69 90.1 64.5 96.7

39 67.4 46.6 69.8



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





#49

1,4-Dioxane

Concen: 469.406 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

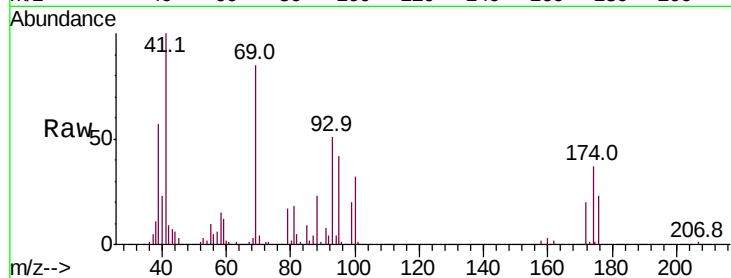
Tot Ion: 88 Resp: 11501

Ion Ratio Lower Upper

88 100

43 35.2 28.3 42.5

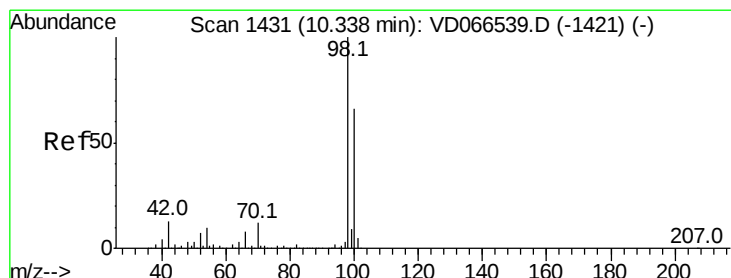
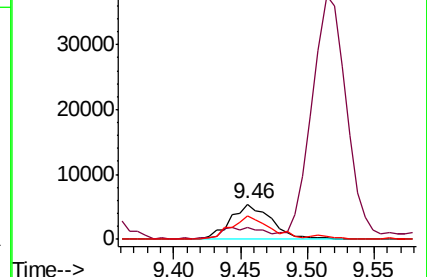
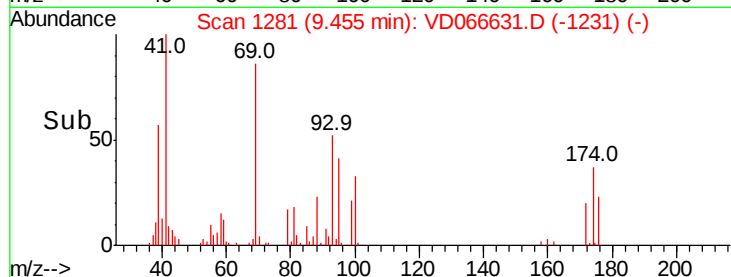
58 63.9 56.1 84.1



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: 53.442 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066631.D

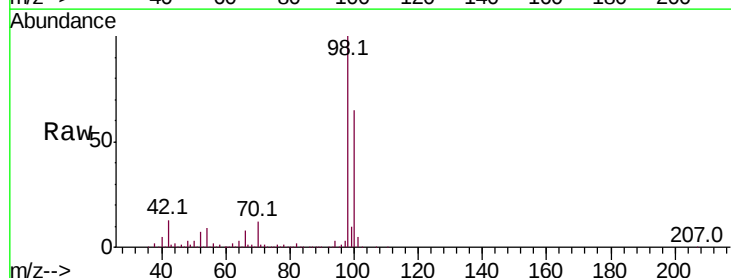
Acq: 11 Sep 2020 00:22

Tgt Ion: 98 Resp: 727712

Ion Ratio Lower Upper

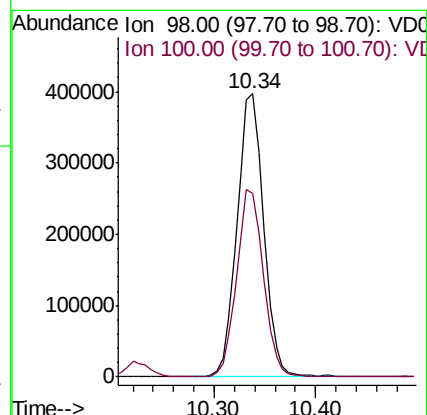
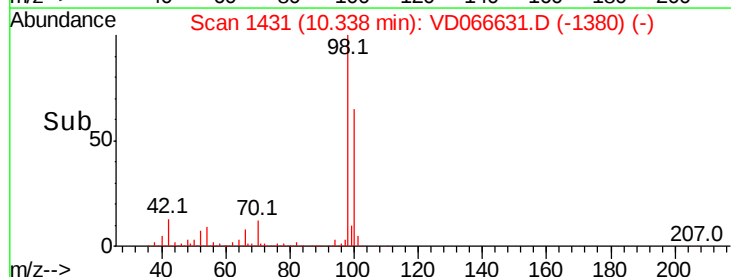
98 100

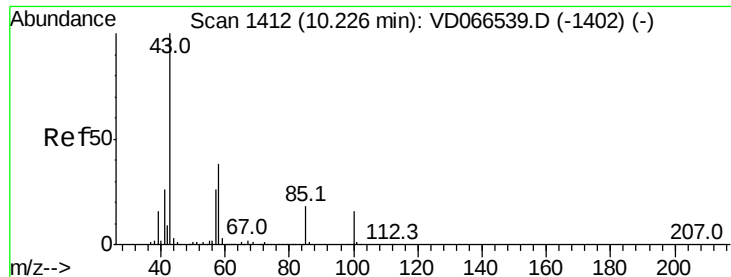
100 66.5 52.9 79.3



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: 109.496 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

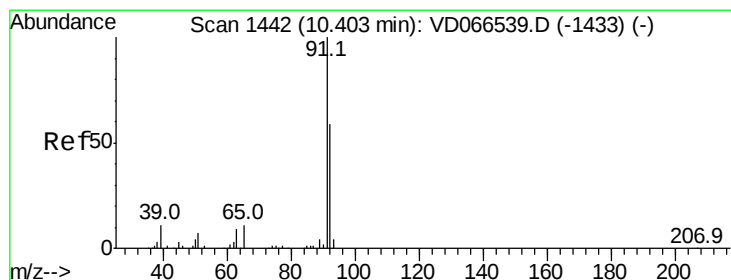
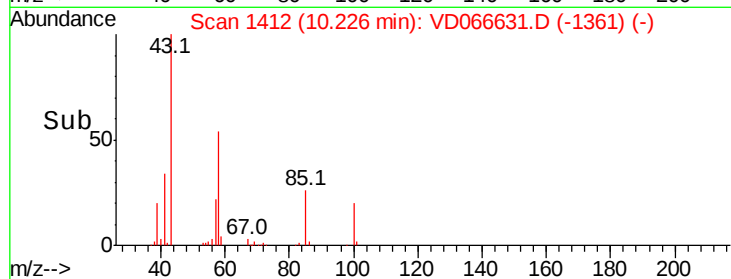
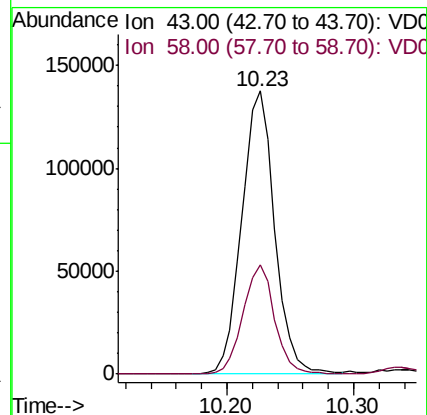
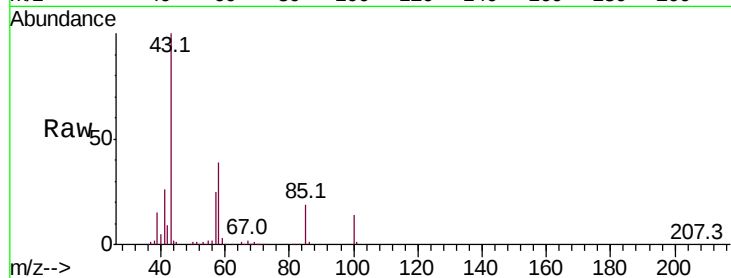
VD0910SBS02

Tot Ion: 43 Resp: 247666

Ion Ratio Lower Upper

43 100

58 37.3 30.5 45.7



#52

Toluene

Concen: 21.420 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD066631.D

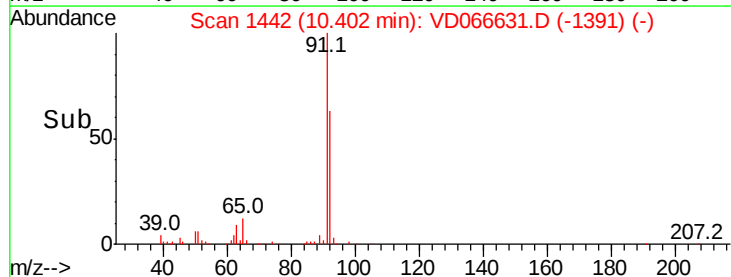
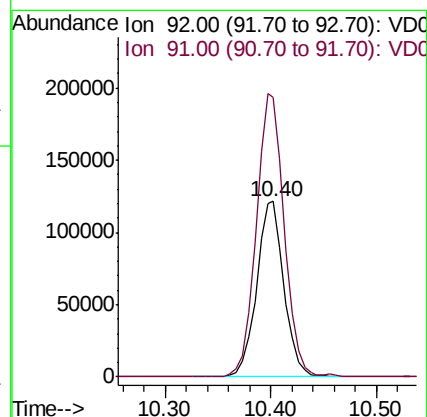
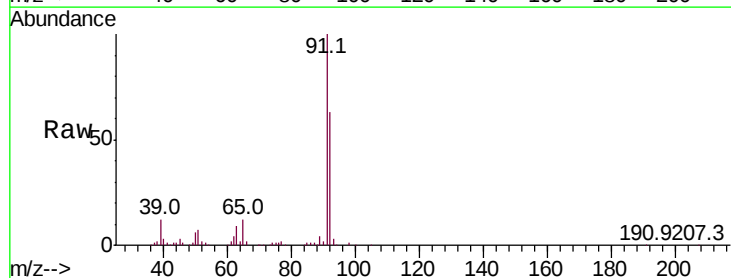
Acq: 11 Sep 2020 00:22

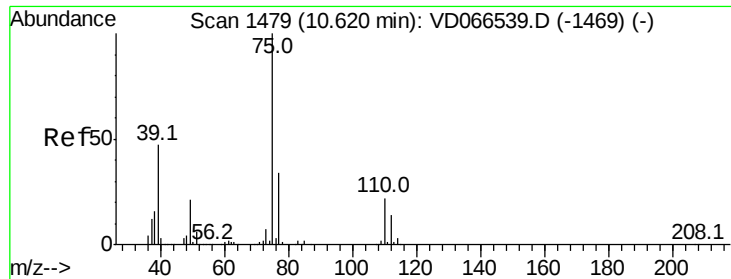
Tgt Ion: 92 Resp: 218255

Ion Ratio Lower Upper

92 100

91 165.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 20.162 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

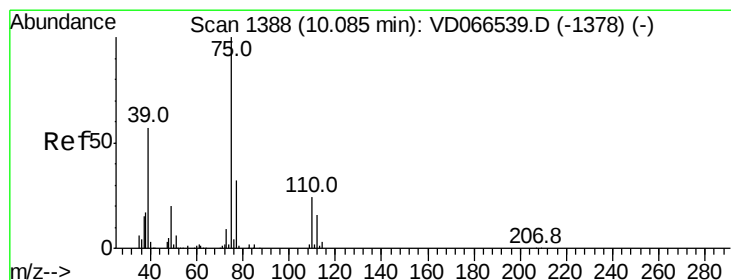
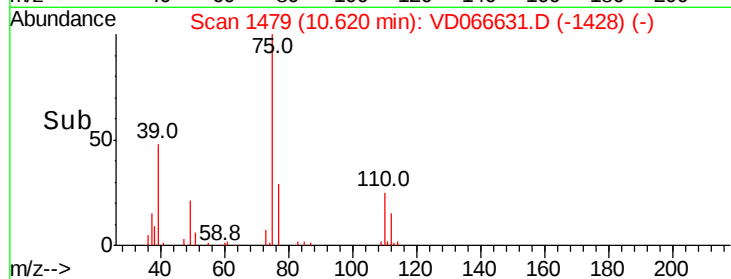
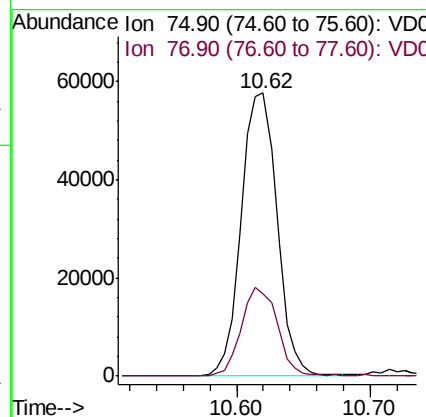
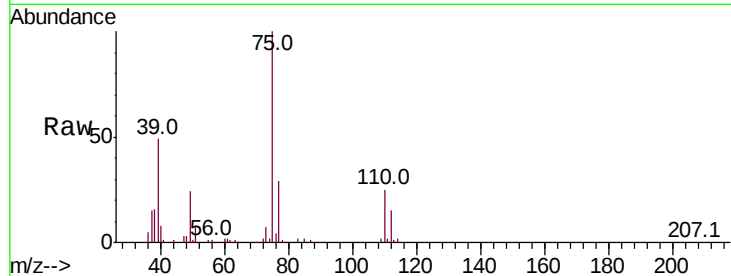
VD0910SBSD02

Tot Ion: 75 Resp: 107543

Ion Ratio Lower Upper

75 100

77 29.3 27.4 41.2



#54

cis-1,3-Dichloropropene

Concen: 19.801 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

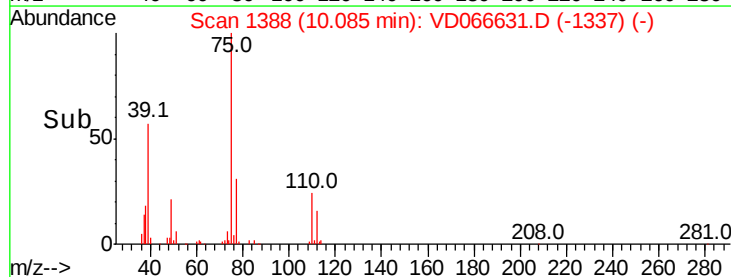
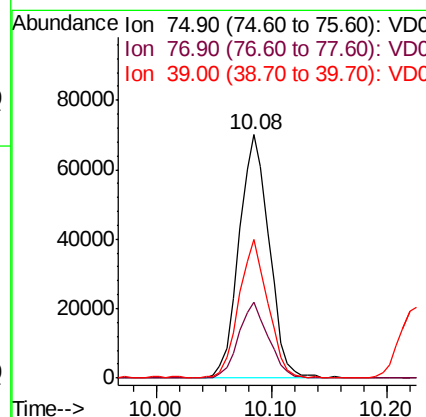
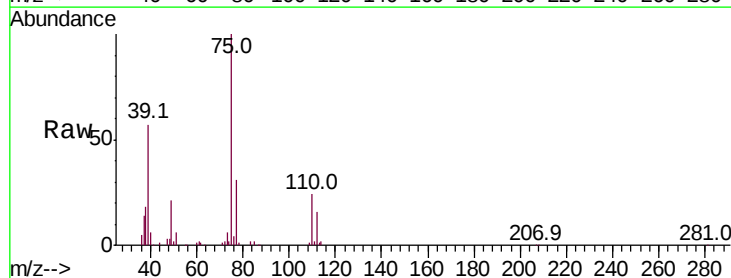
Tgt Ion: 75 Resp: 126832

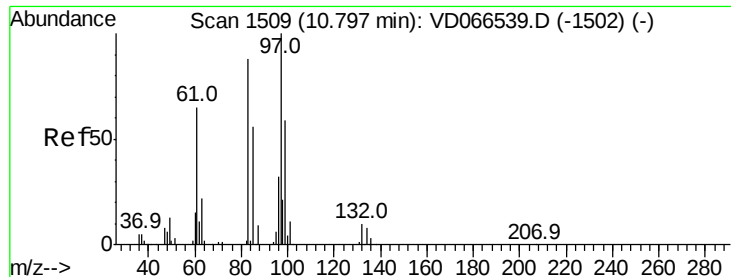
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 57.0 45.4 68.0

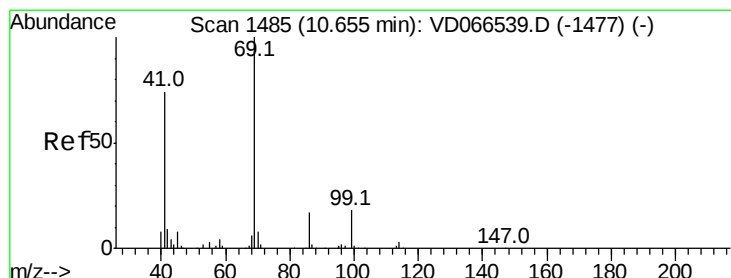
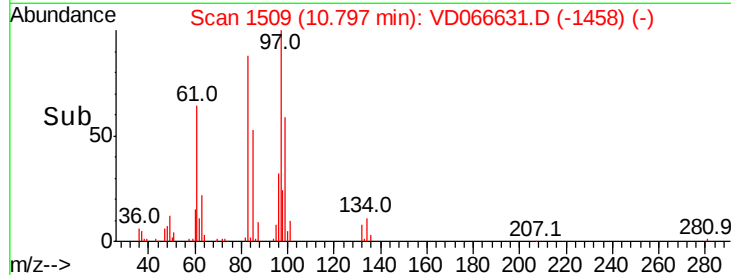
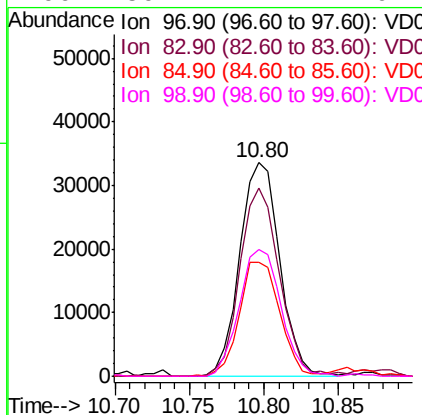
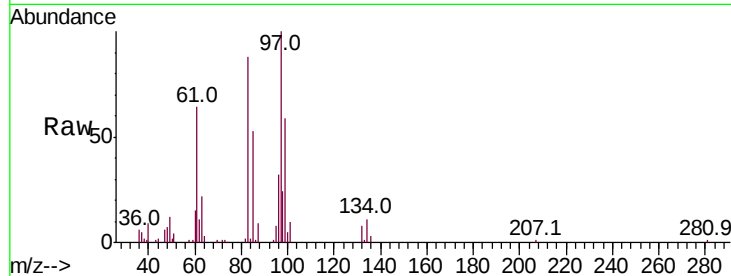




#55
 1,1,2-Trichloroethane
 Concen: 21.800 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

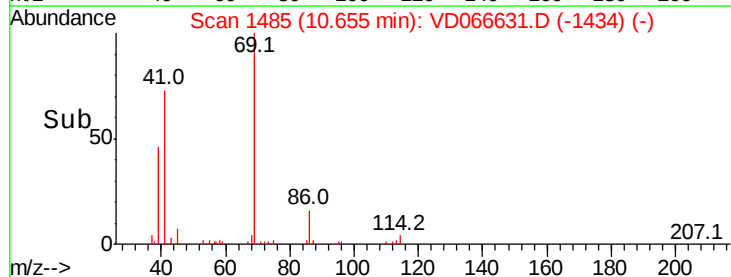
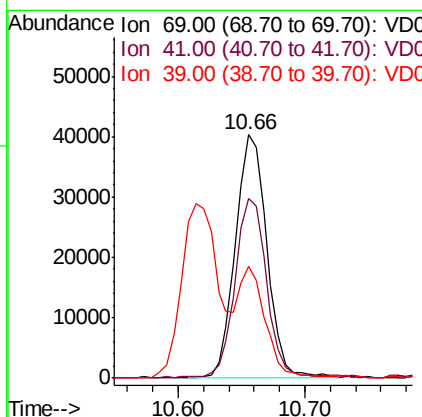
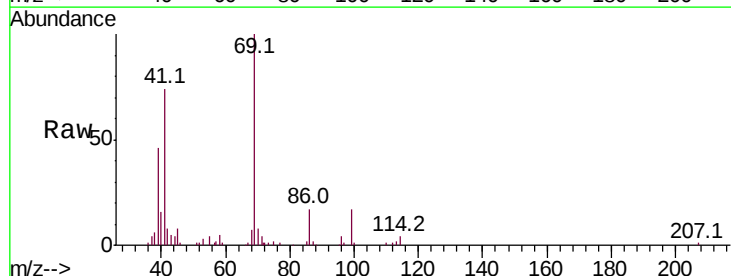
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

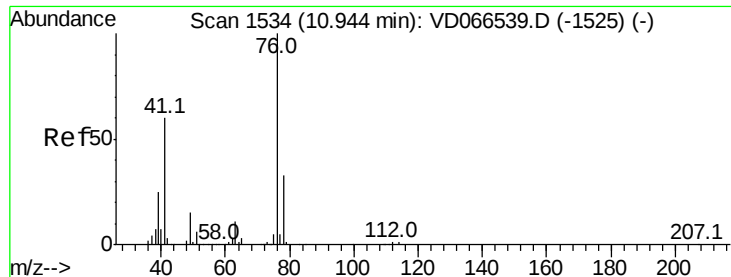
Tot Ion: 97 Resp: 62598
 Ion Ratio Lower Upper
 97 100
 83 87.8 70.1 105.1
 85 53.5 44.5 66.7
 99 59.4 47.1 70.7



#56
 Ethyl methacrylate
 Concen: 20.864 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion: 69 Resp: 69755
 Ion Ratio Lower Upper
 69 100
 41 74.1 56.8 85.2
 39 36.0 30.6 46.0





#57

1,3-Dichloropropane

Concen: 21.514 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

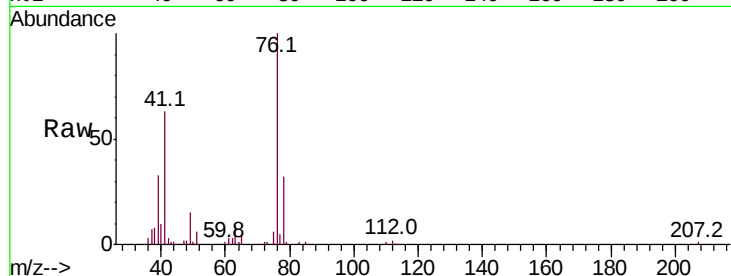
VD0910SBSD02

Tot Ion: 76 Resp: 108207

Ion Ratio Lower Upper

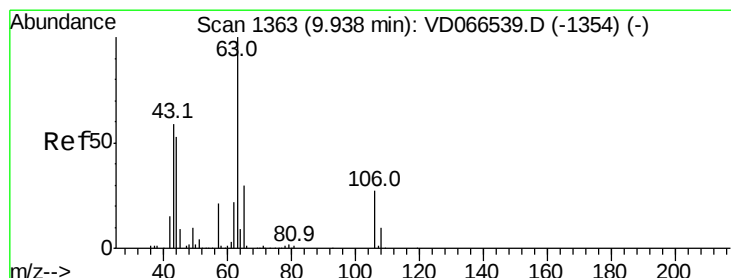
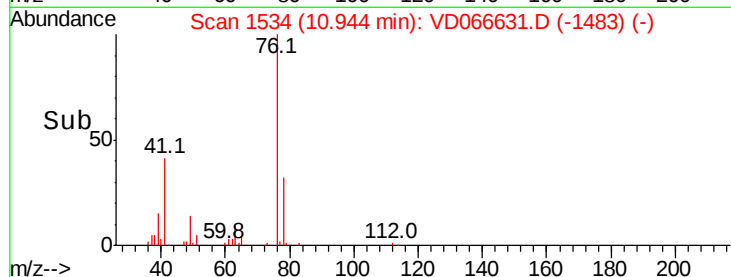
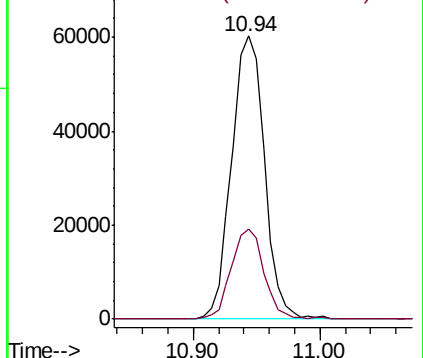
76 100

78 31.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 119.695 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VD066631.D

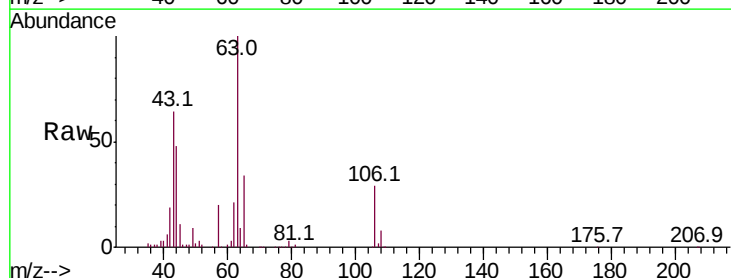
Acq: 11 Sep 2020 00:22

Tgt Ion: 63 Resp: 183043

Ion Ratio Lower Upper

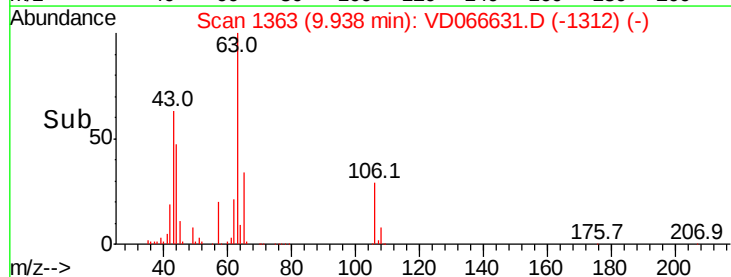
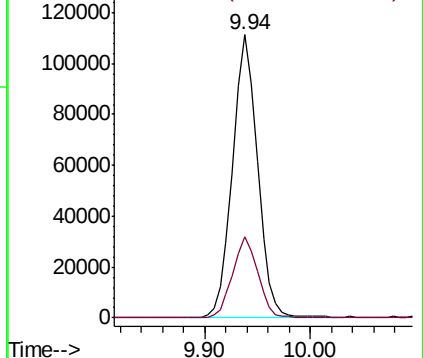
63 100

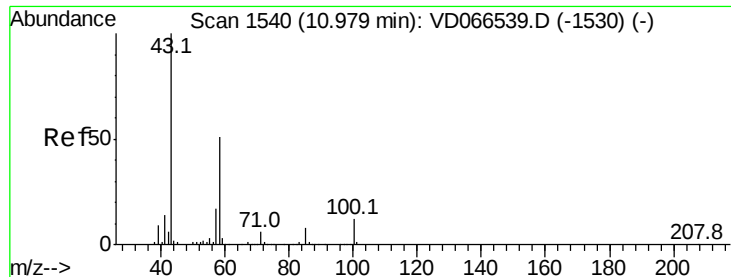
106 28.7 22.0 33.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): V

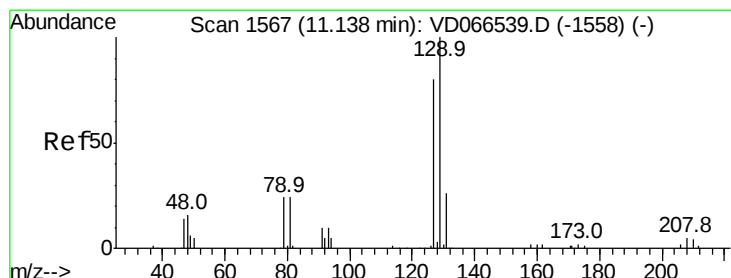
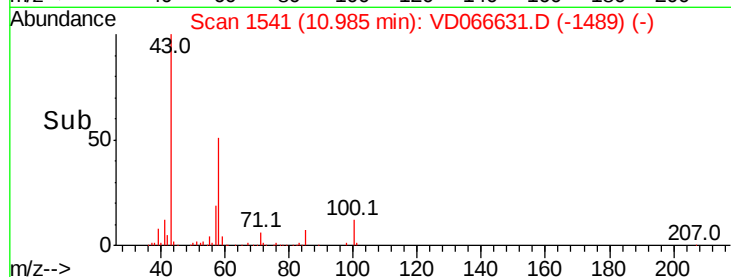
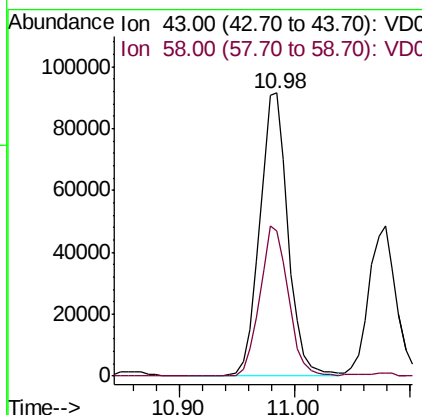
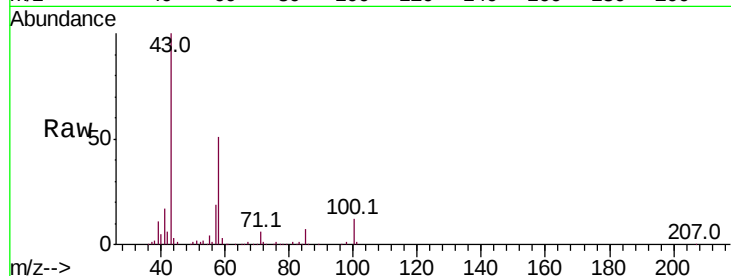




#59
2-Hexanone
Concen: 102.861 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

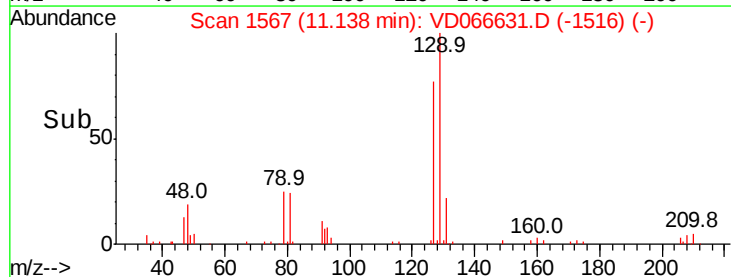
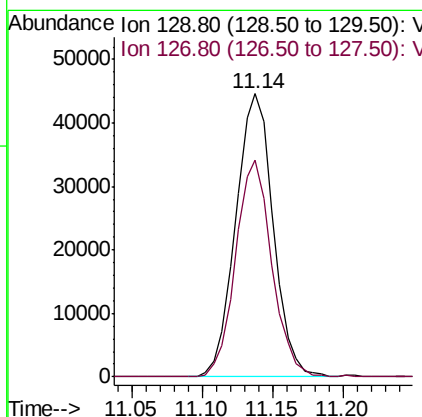
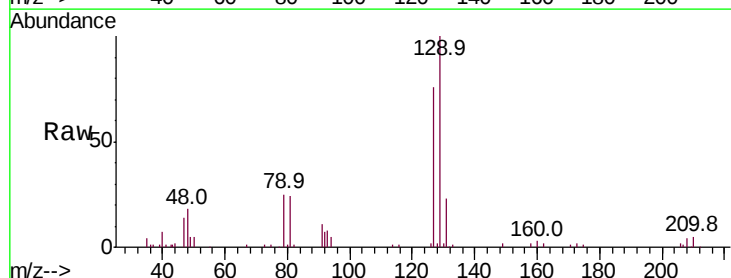
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

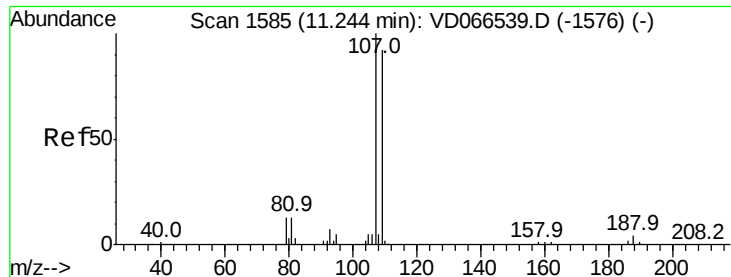
Tot Ion: 43 Resp: 156459
Ion Ratio Lower Upper
43 100
58 53.3 25.6 76.8



#60
Dibromochloromethane
Concen: 21.791 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion: 129 Resp: 82745
Ion Ratio Lower Upper
129 100
127 73.9 39.5 118.3

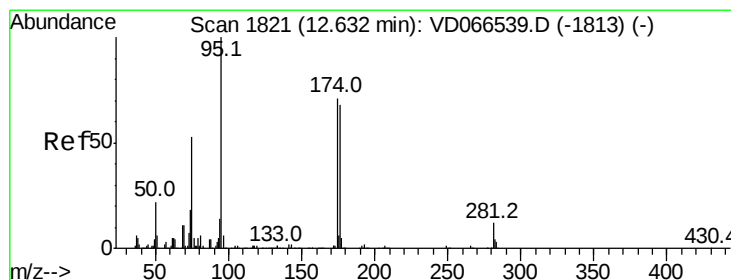
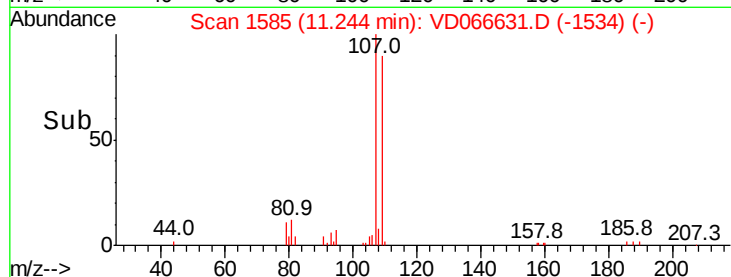
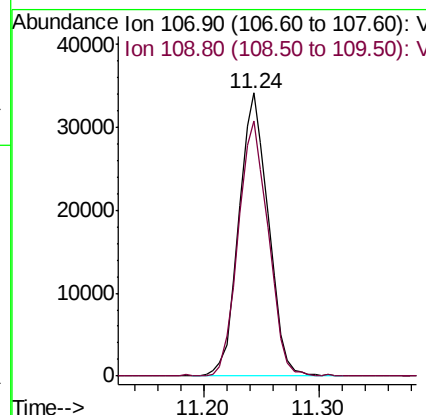
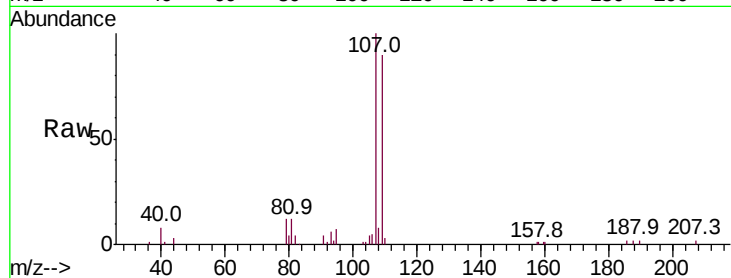




#61
 1,2-Dibromoethane
 Concen: 21.648 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

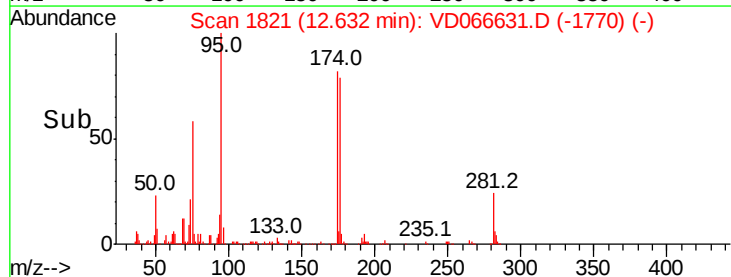
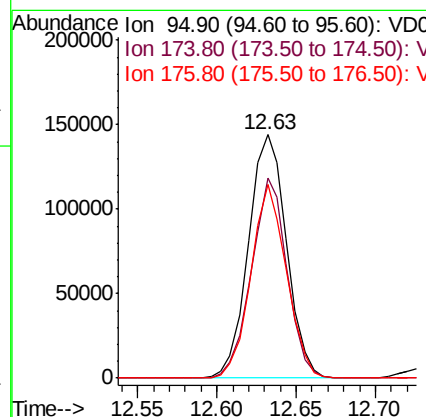
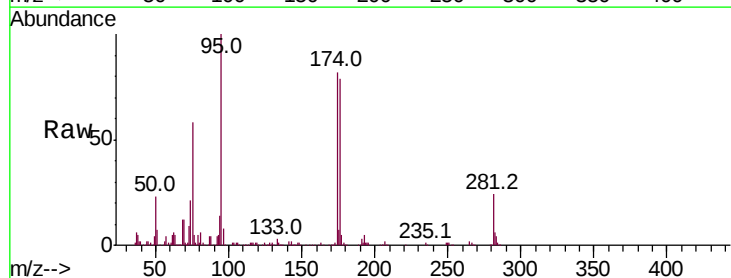
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

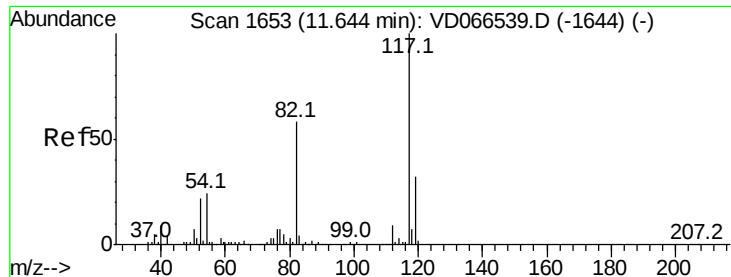
Tot Ion:107 Resp: 60477
 Ion Ratio Lower Upper
 107 100
 109 91.6 74.4 111.6



#62
 4-Bromofluorobenzene
 Concen: 53.189 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion: 95 Resp: 240156
 Ion Ratio Lower Upper
 95 100
 174 77.0 0.0 155.8
 176 74.5 0.0 148.6

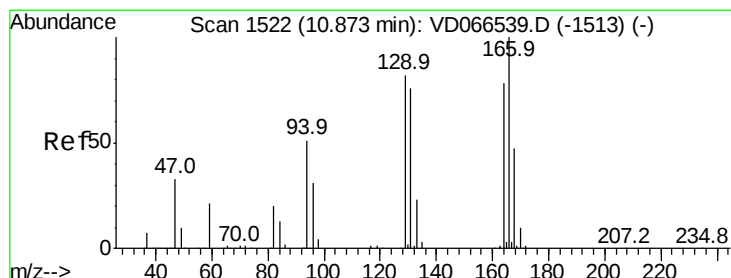
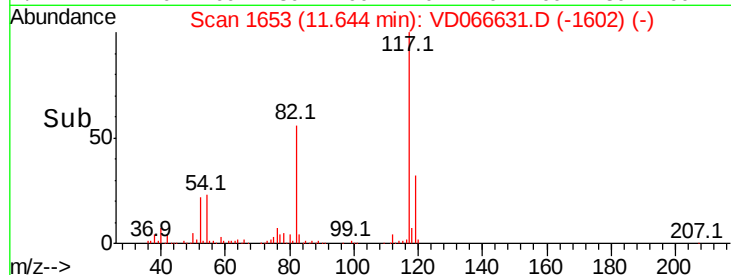
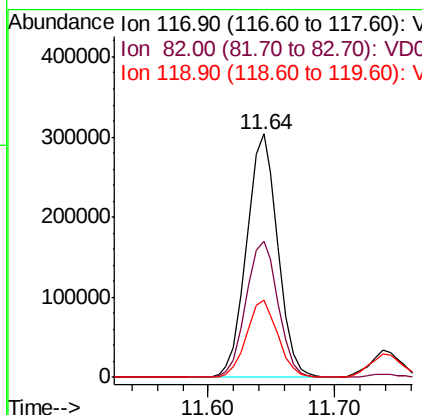
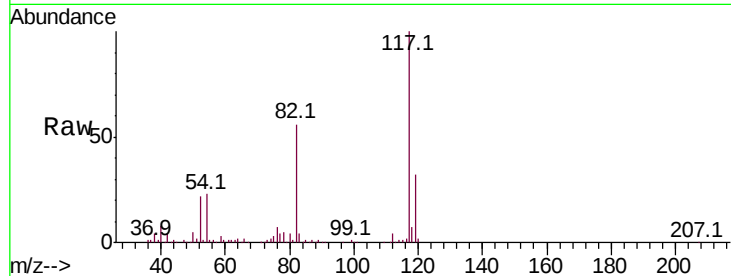




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

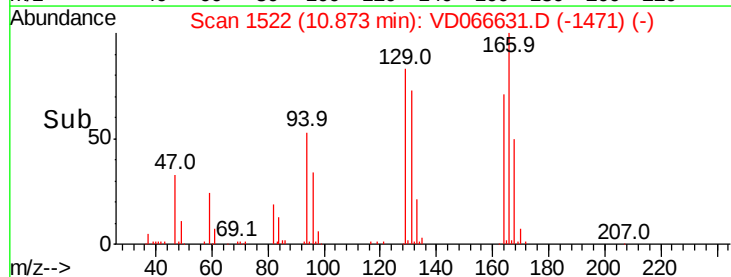
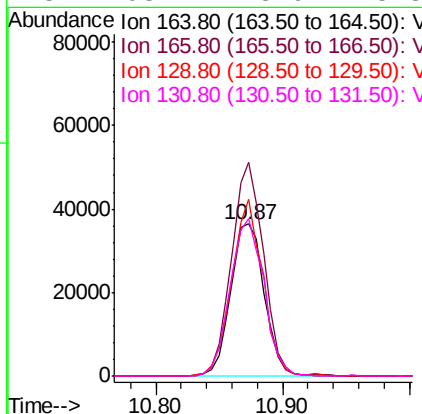
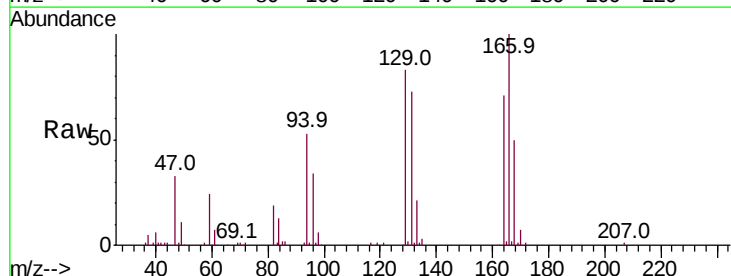
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

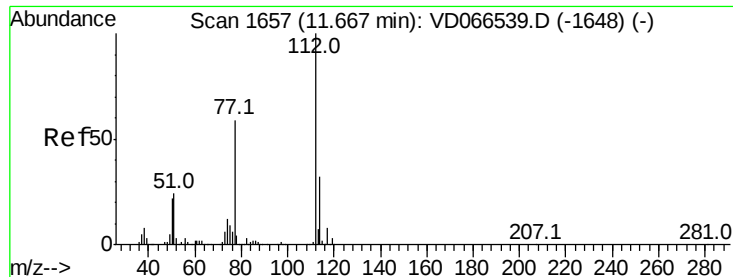
Tot Ion:117 Resp: 520319
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.2
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 18.995 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion:164 Resp: 66547
Ion Ratio Lower Upper
164 100
166 140.5 103.2 154.8
129 116.4 84.5 126.7
131 103.2 78.9 118.3





#65

Chlorobenzene

Concen: 20.524 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

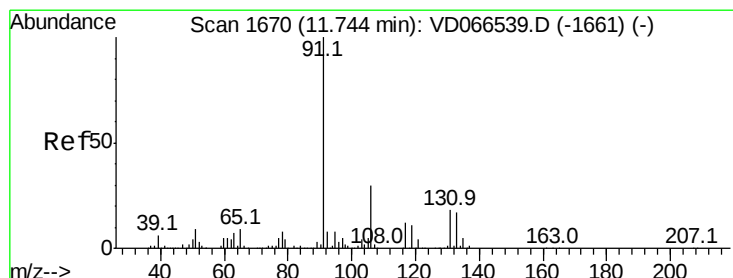
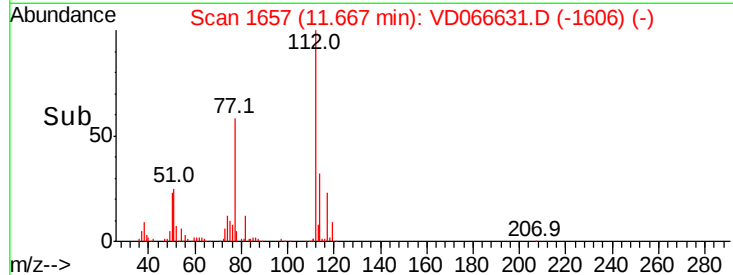
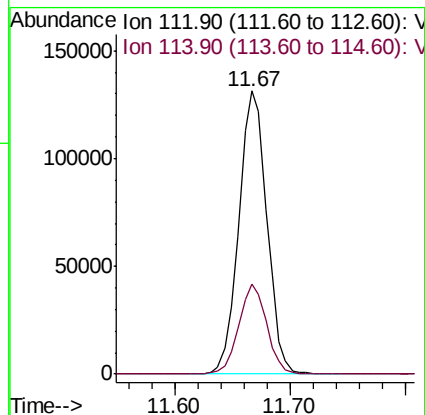
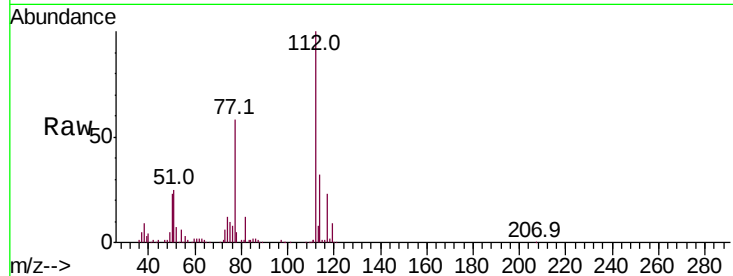
VD0910SBSD02

Tot Ion:112 Resp: 220402

Ion Ratio Lower Upper

112 100

114 31.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.008 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

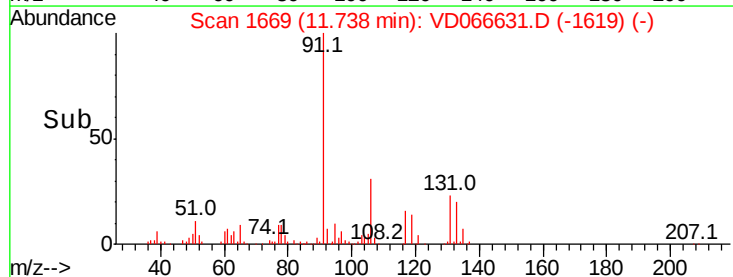
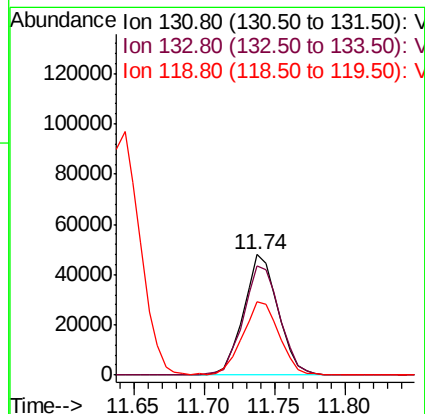
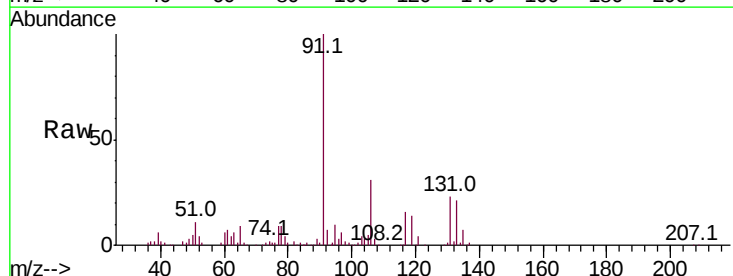
Tgt Ion:131 Resp: 82003

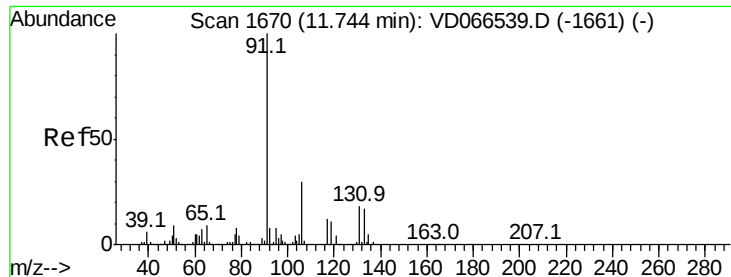
Ion Ratio Lower Upper

131 100

133 95.9 46.7 140.0

119 64.1 31.9 95.7

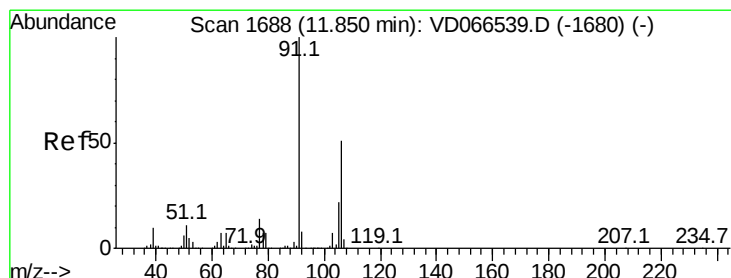
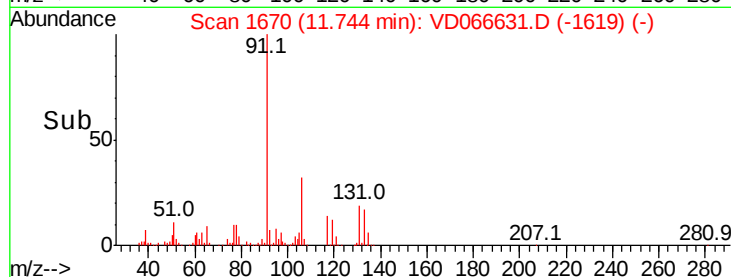
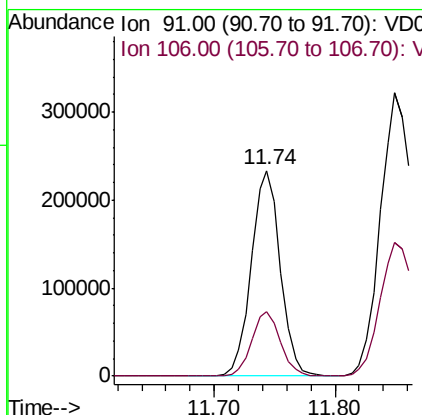
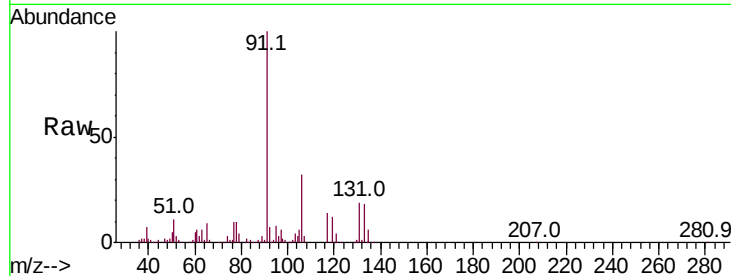




#67
Ethyl Benzene
Concen: 19.744 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

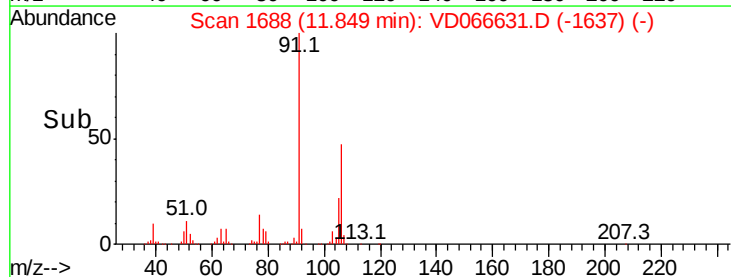
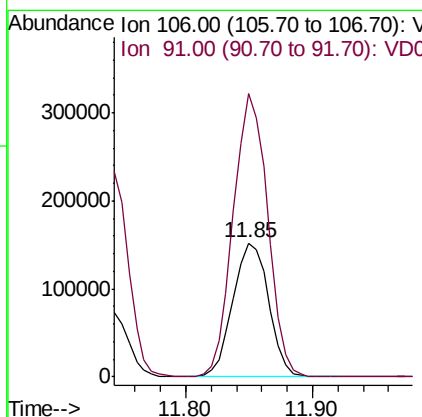
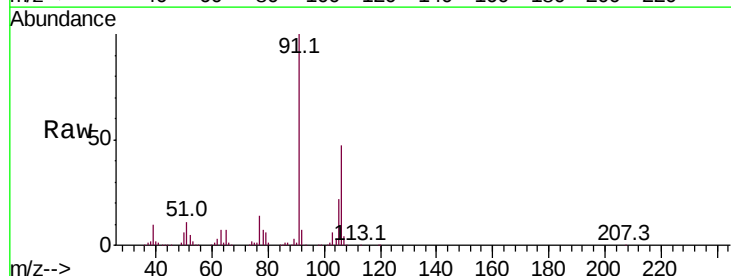
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

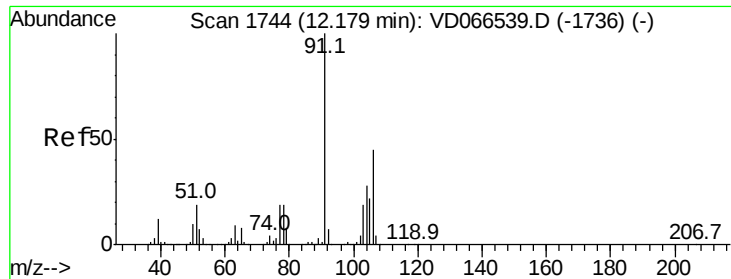
Tot Ion: 91 Resp: 389334
Ion Ratio Lower Upper
91 100
106 31.5 24.3 36.5



#68
m/p-Xylenes
Concen: 40.597 ug/l
RT: 11.85 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion: 106 Resp: 297238
Ion Ratio Lower Upper
106 100
91 204.3 162.4 243.6

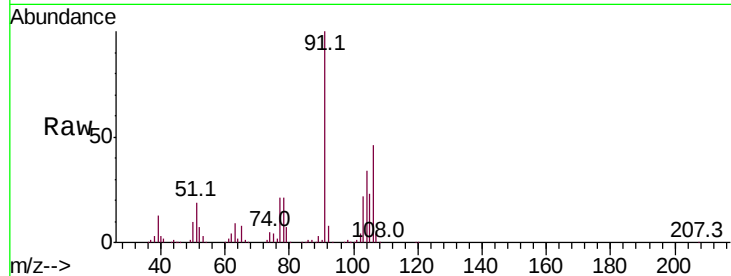




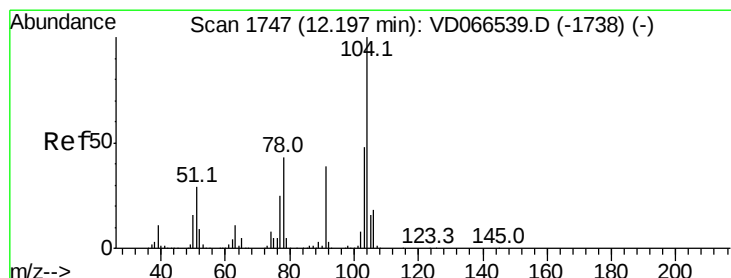
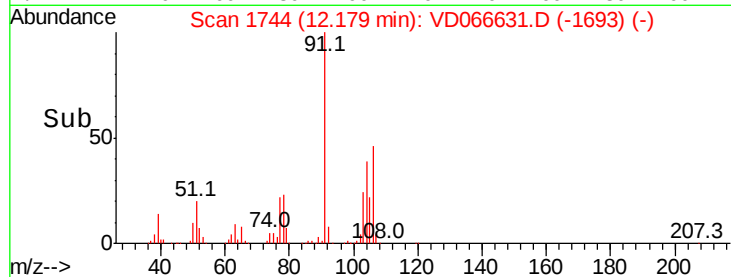
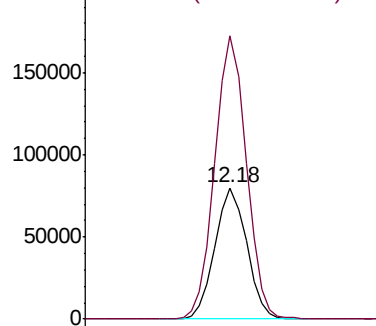
#69
o-Xylene
Concen: 20.062 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

Tot Ion:106 Resp: 131637
Ion Ratio Lower Upper
106 100
91 214.0 107.9 323.8

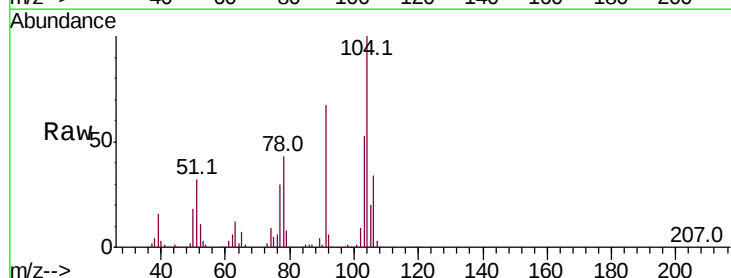


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

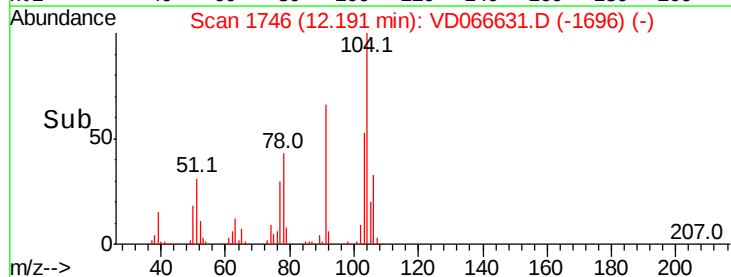
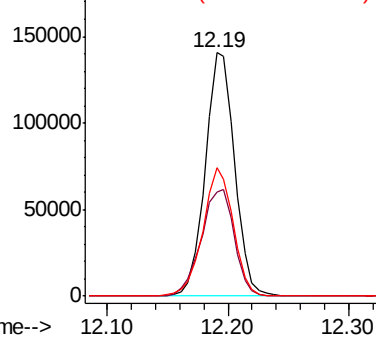


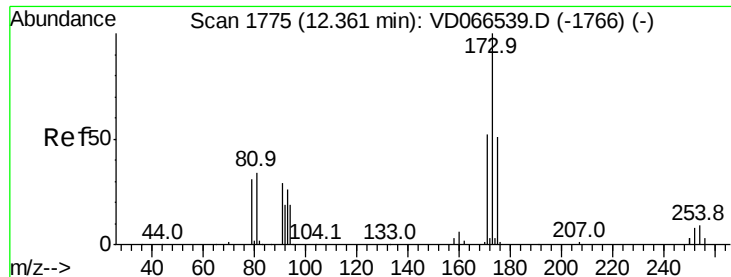
#70
Styrene
Concen: 20.836 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion:104 Resp: 237687
Ion Ratio Lower Upper
104 100
78 49.5 40.7 61.1
103 54.4 42.9 64.3



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





#71

Bromoform

Concen: 21.083 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

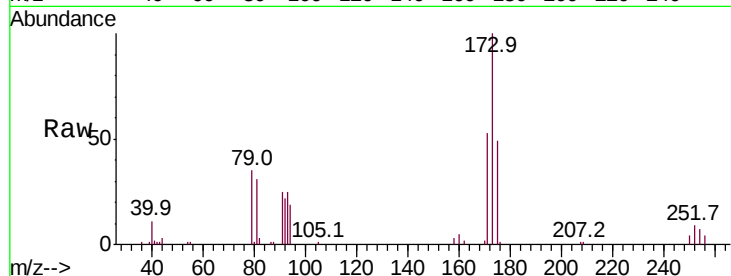
Tot Ion:173 Resp: 43548

Ion Ratio Lower Upper

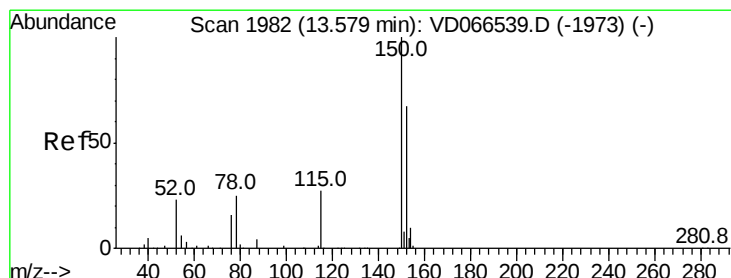
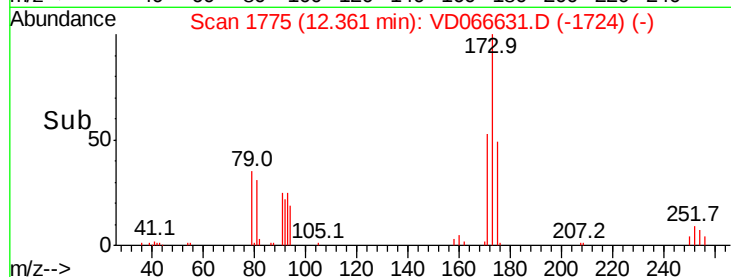
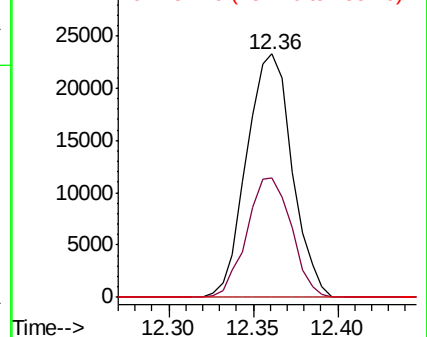
173 100

175 48.1 24.2 72.6

254 0.0 0.0 0.0



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: 13.57 min Scan# 1981

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

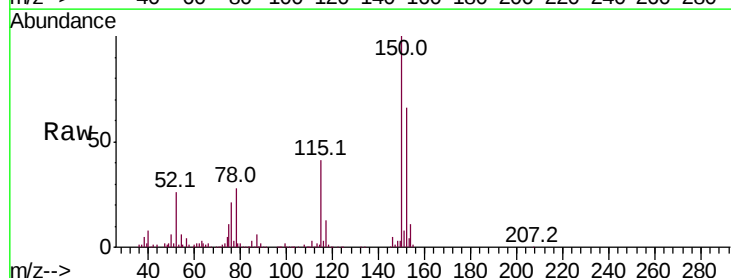
Tgt Ion:152 Resp: 238692

Ion Ratio Lower Upper

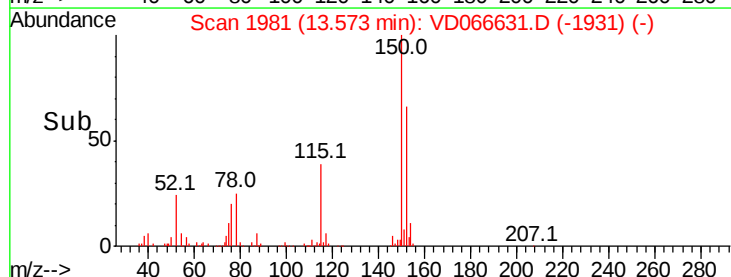
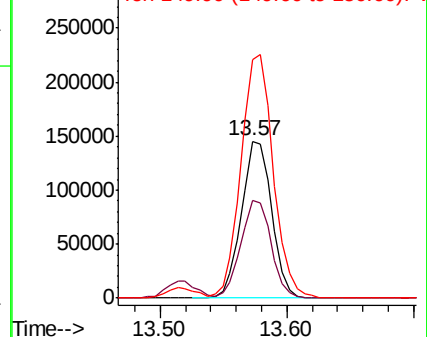
152 100

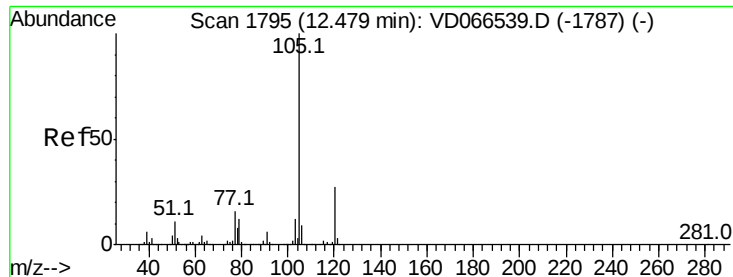
115 62.6 30.4 91.2

150 166.1 0.0 345.8



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





#73

Isopropylbenzene

Concen: 20.334 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

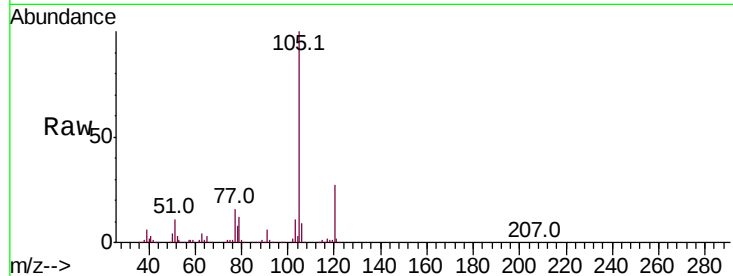
VD0910SBS02

Tot Ion:105 Resp: 359356

Ion Ratio Lower Upper

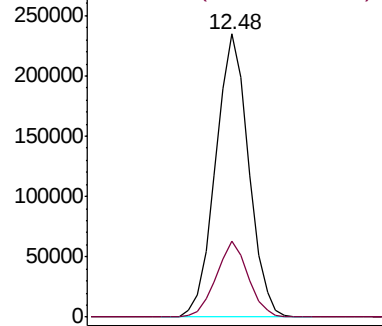
105 100

120 26.1 13.0 39.0

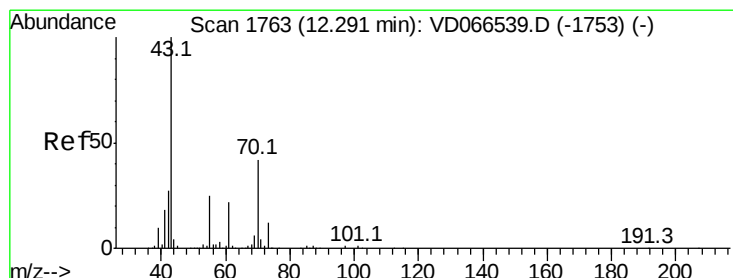
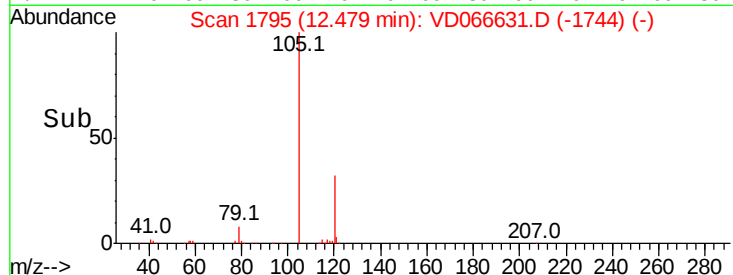


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time--> 12.40 12.45 12.50 12.55



#74

N-ethyl acetate

Concen: 20.363 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Tgt Ion: 43 Resp: 81504

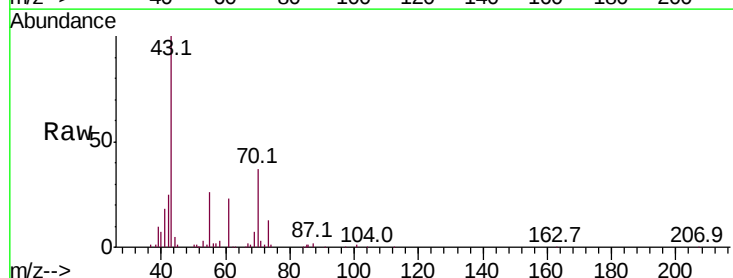
Ion Ratio Lower Upper

43 100

70 40.6 33.4 50.2

55 26.8 20.1 30.1

61 22.6 18.2 27.2

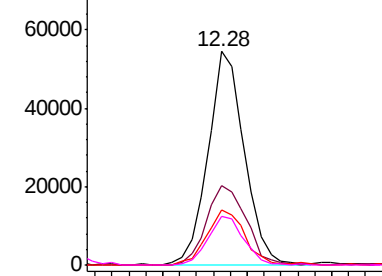


Abundance Ion 43.00 (42.70 to 43.70): V

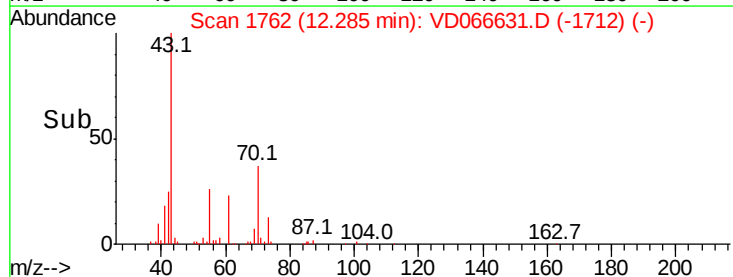
Ion 70.00 (69.70 to 70.70): V

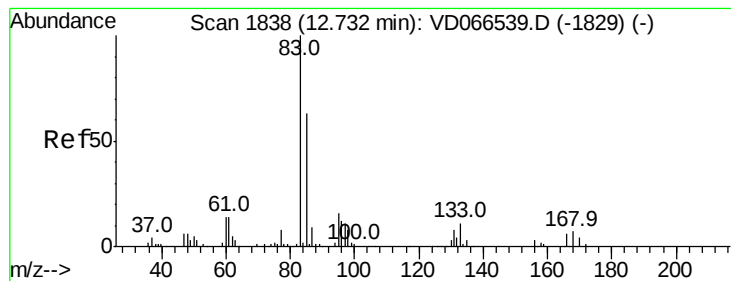
Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V



Time--> 12.25 12.30 12.35





#75

1,1,2,2-Tetrachloroethane

Concen: 20.709 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

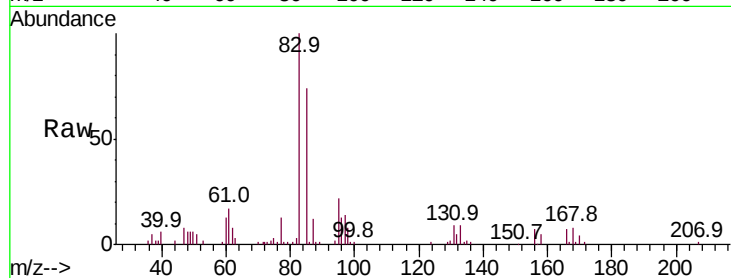
Tot Ion: 83 Resp: 64655

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

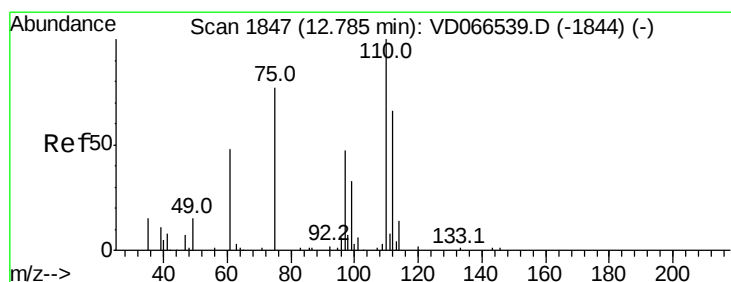
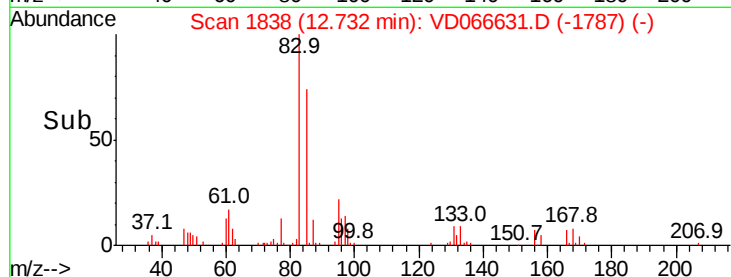
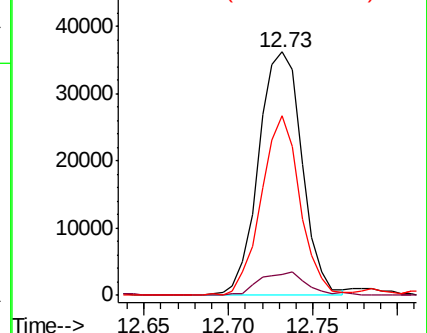
85 65.8 32.1 96.3



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: 39.024 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD066631.D

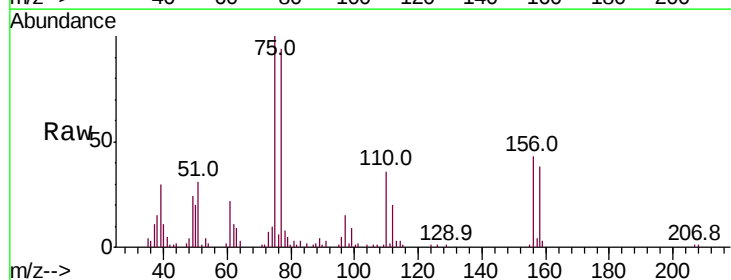
Acq: 11 Sep 2020 00:22

Tgt Ion: 75 Resp: 89582

Ion Ratio Lower Upper

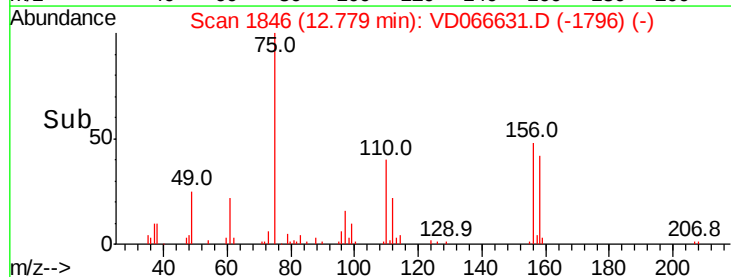
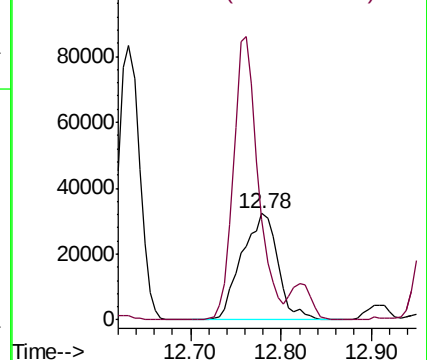
75 100

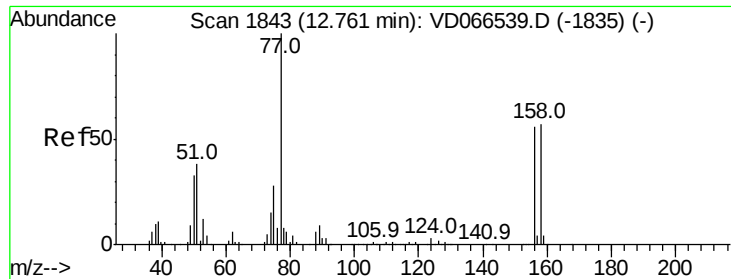
77 183.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 21.279 ug/l

RT: 12.76 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

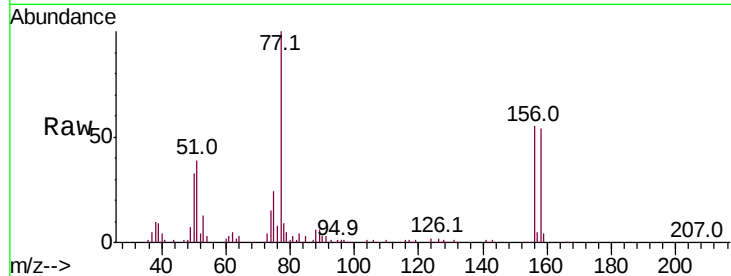
Tot Ion:156 Resp: 83840

Ion Ratio Lower Upper

156 100

77 195.9 98.0 294.1

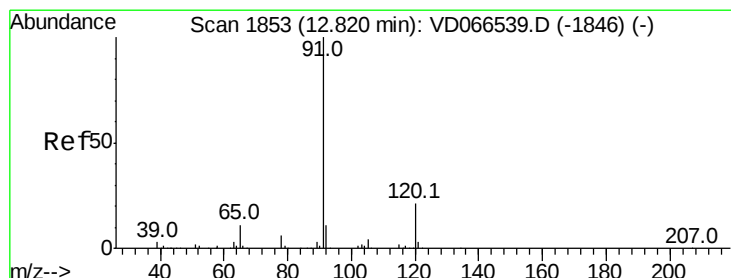
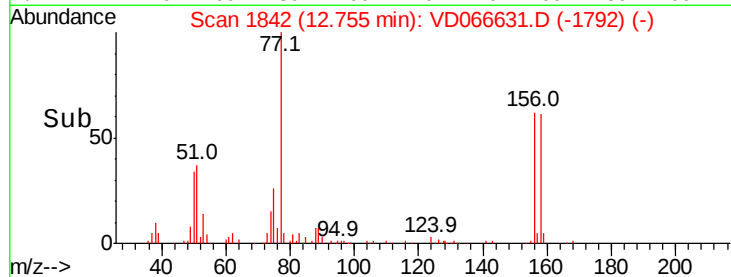
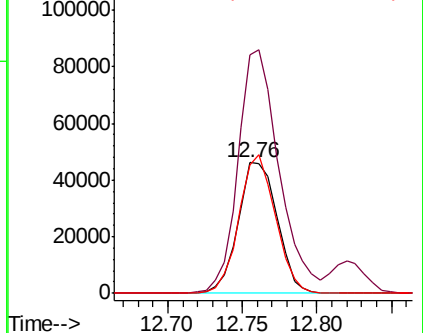
158 98.4 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.178 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD066631.D

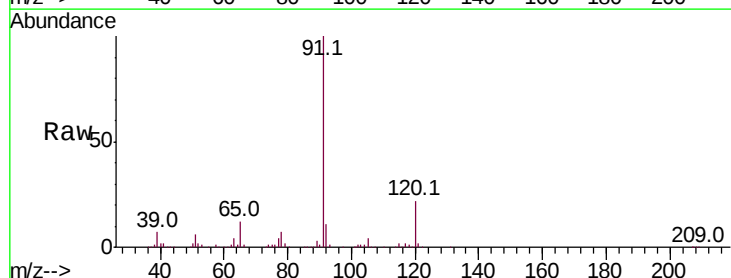
Acq: 11 Sep 2020 00:22

Tgt Ion: 91 Resp: 432289

Ion Ratio Lower Upper

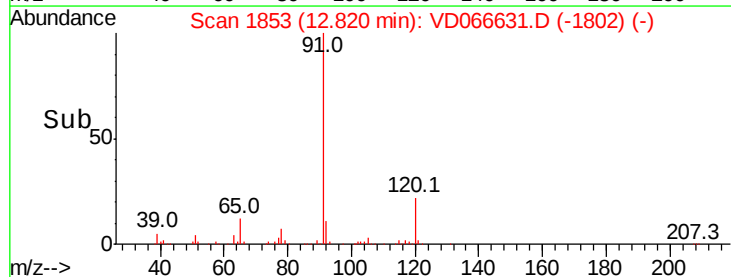
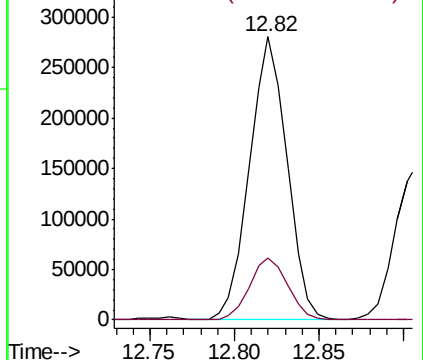
91 100

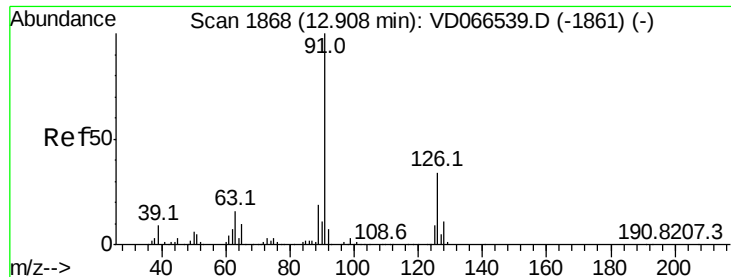
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.327 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

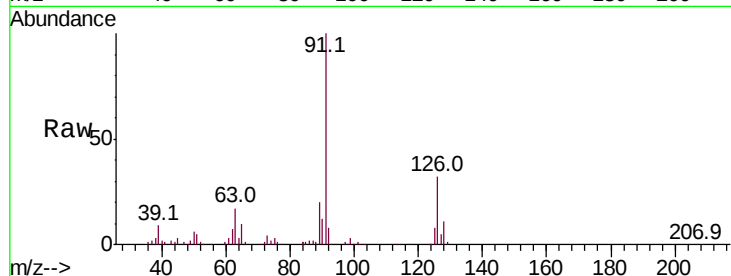
VD0910SBSD02

Tot Ion: 91 Resp: 256325

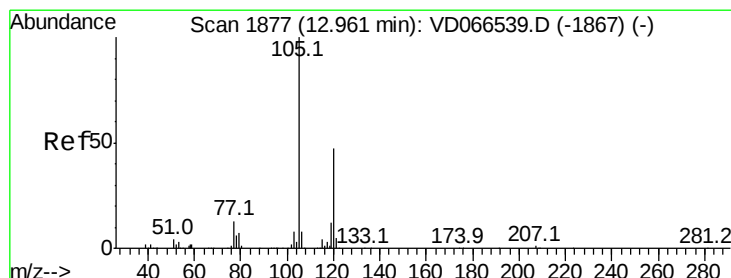
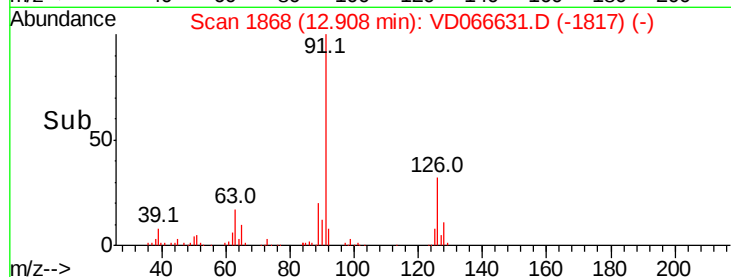
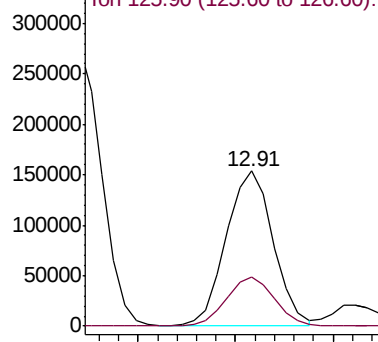
Ion Ratio Lower Upper

91 100

126 32.1 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): V



#80

1,3,5-Trimethylbenzene

Concen: 20.425 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD066631.D

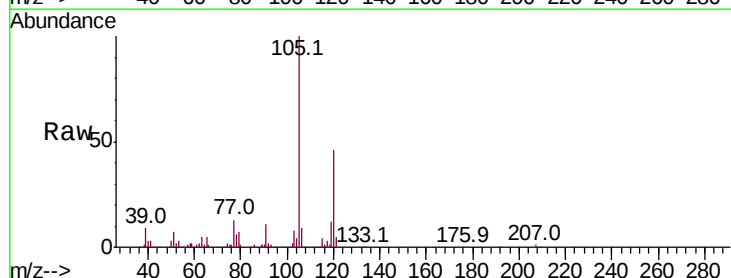
Acq: 11 Sep 2020 00:22

Tgt Ion:105 Resp: 303804

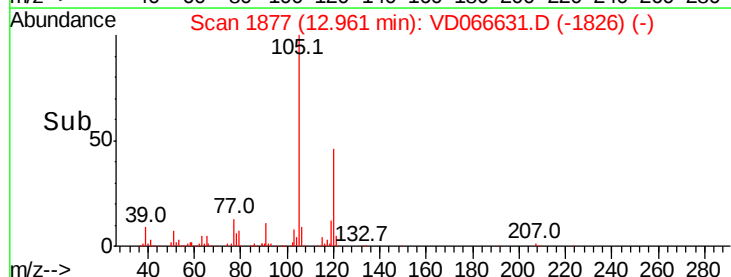
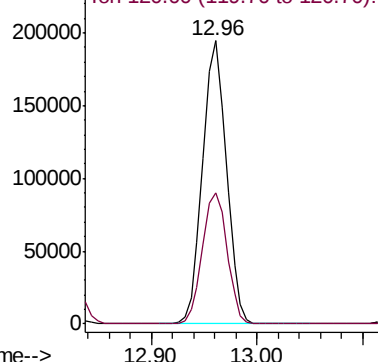
Ion Ratio Lower Upper

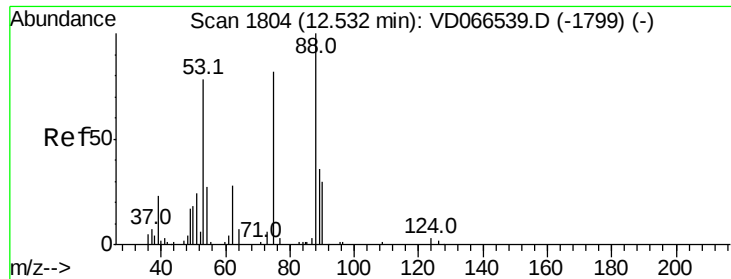
105 100

120 48.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.841 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBS02

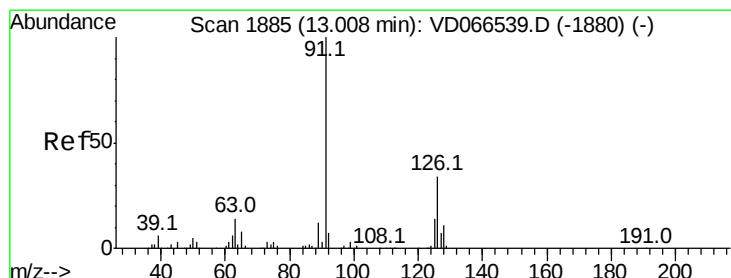
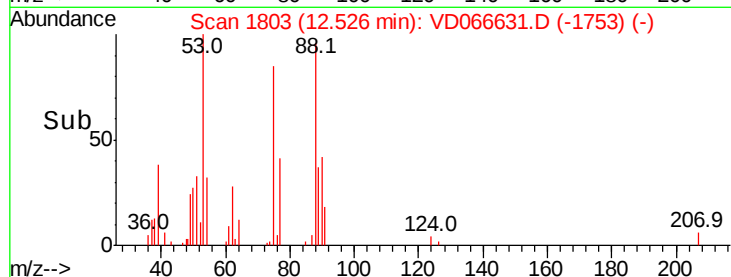
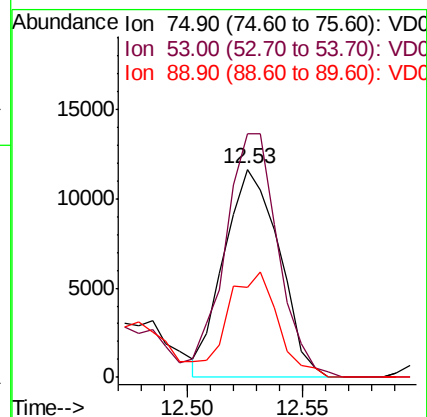
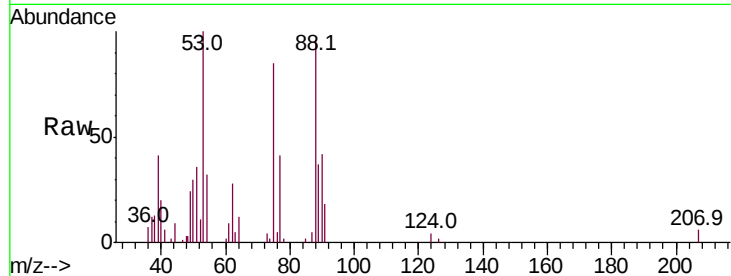
Tot Ion: 75 Resp: 19509

Ion Ratio Lower Upper

75 100

53 112.8 87.0 130.4

89 45.9 37.1 55.7



#82

4-Chlorotoluene

Concen: 21.310 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VD066631.D

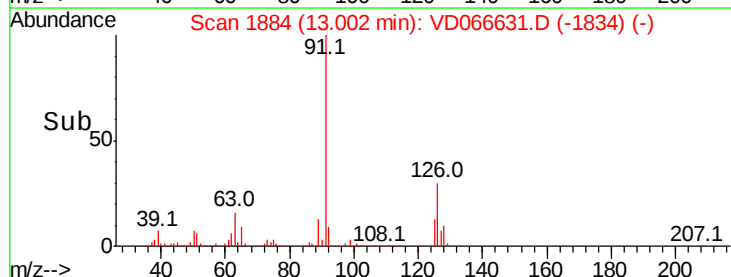
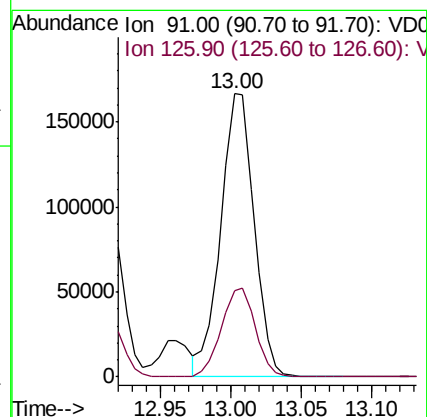
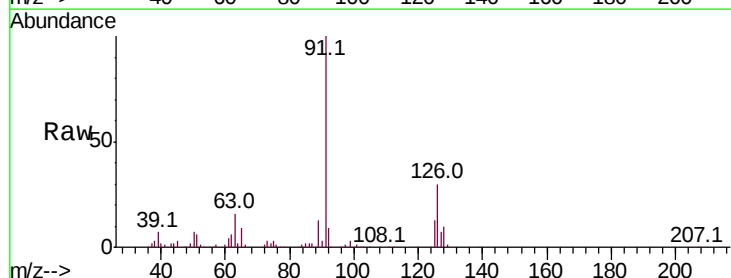
Acq: 11 Sep 2020 00:22

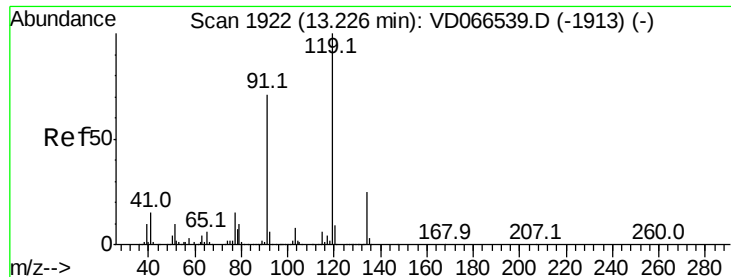
Tgt Ion: 91 Resp: 273875

Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.1

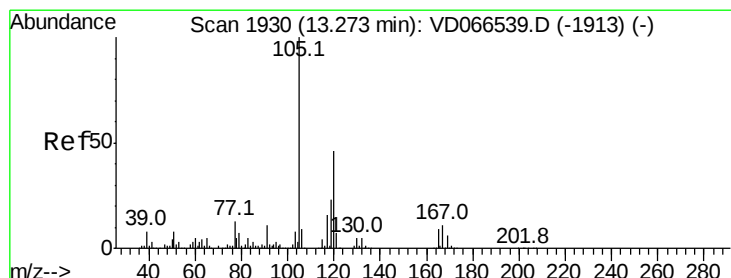
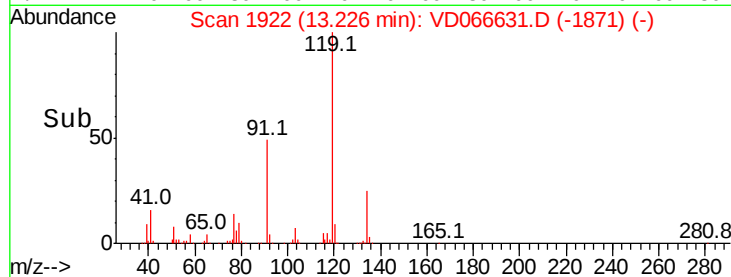
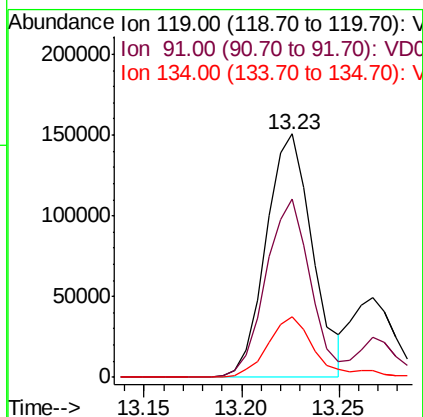
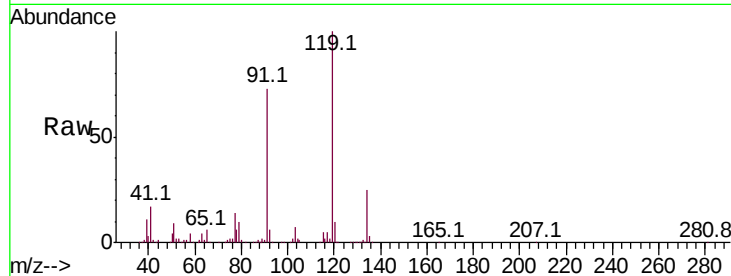




#83
tert-Butylbenzene
Concen: 20.492 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

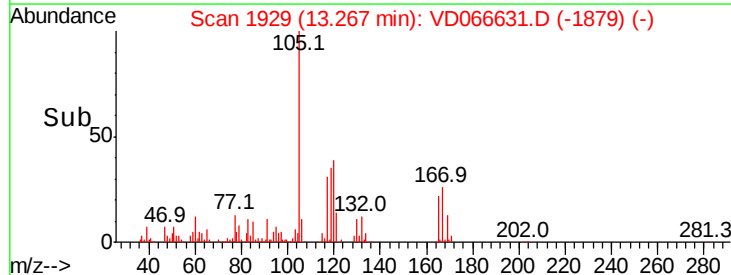
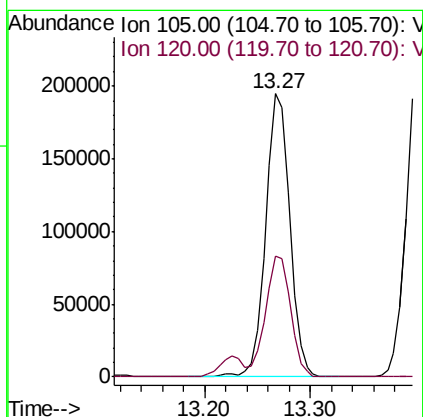
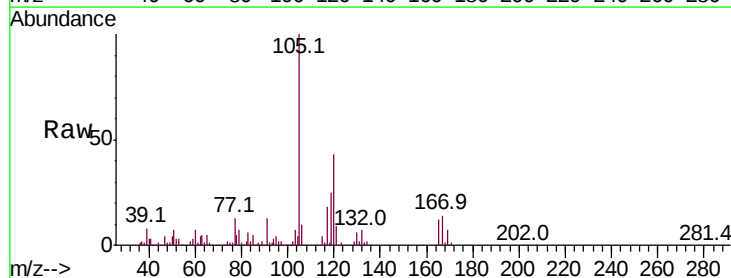
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

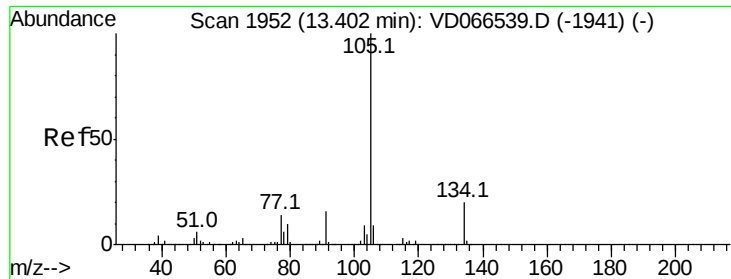
Tot Ion:119 Resp: 248914
Ion Ratio Lower Upper
119 100
91 70.0 35.2 105.6
134 25.8 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 20.755 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion:105 Resp: 307359
Ion Ratio Lower Upper
105 100
120 44.6 22.6 67.7





#85

sec-Butylbenzene

Concen: 20.165 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

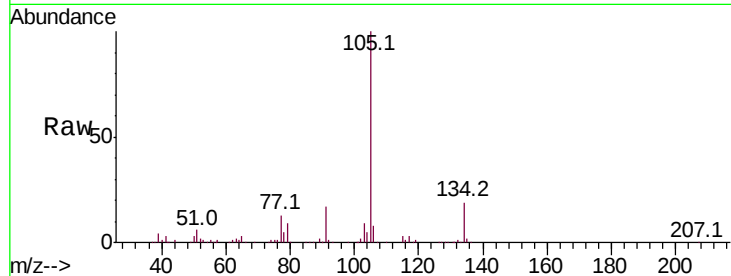
VD0910SBS02

Tot Ion:105 Resp: 352880

Ion Ratio Lower Upper

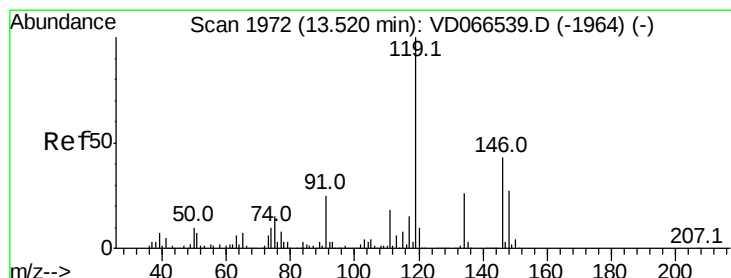
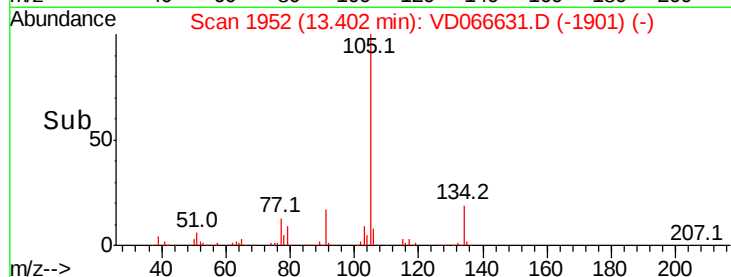
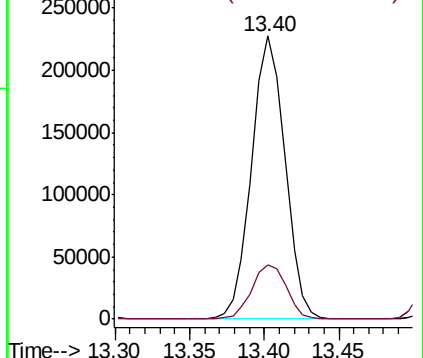
105 100

134 20.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.981 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

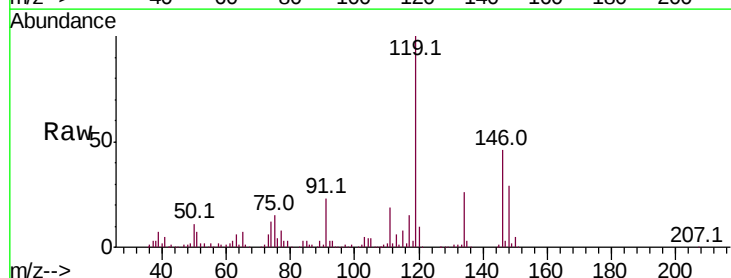
Tgt Ion:119 Resp: 314728

Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.0

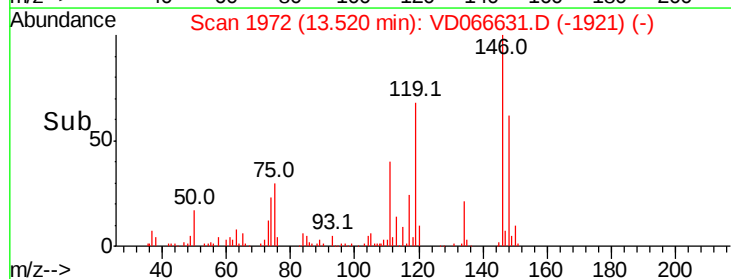
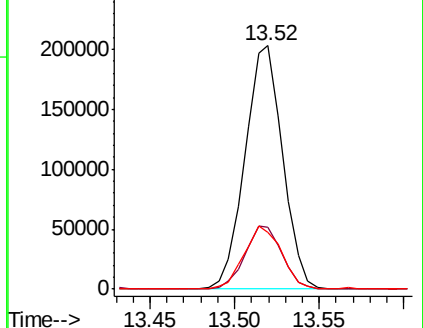
91 25.4 12.5 37.5

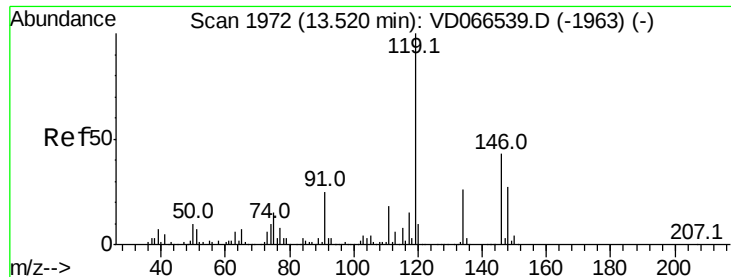


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.803 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

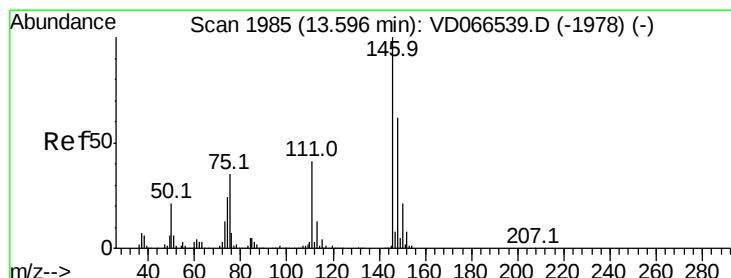
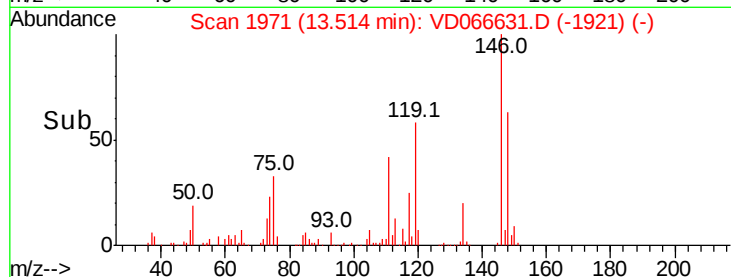
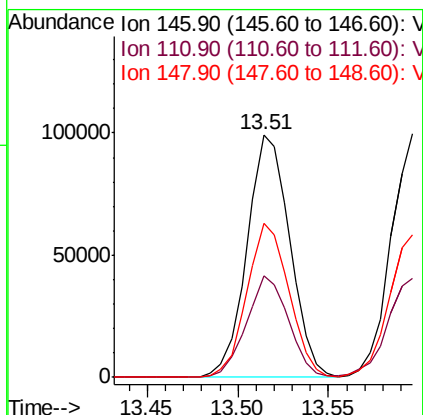
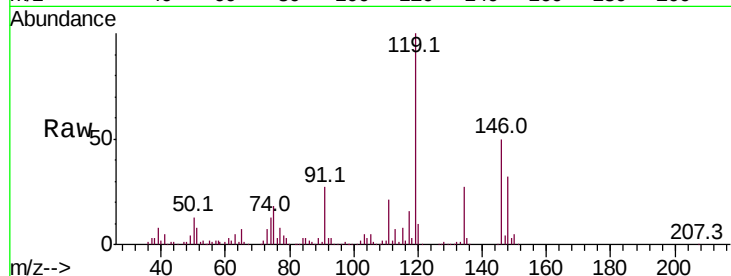
Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBSD02

Tot Ion:146 Resp: 162722

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	62.6	32.1	96.3



#88

1,4-Dichlorobenzene

Concen: 20.129 ug/l

RT: 13.60 min Scan# 1985

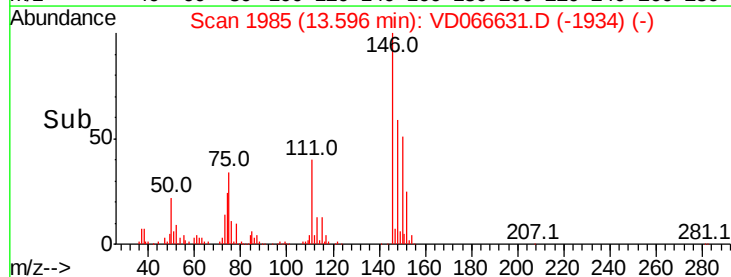
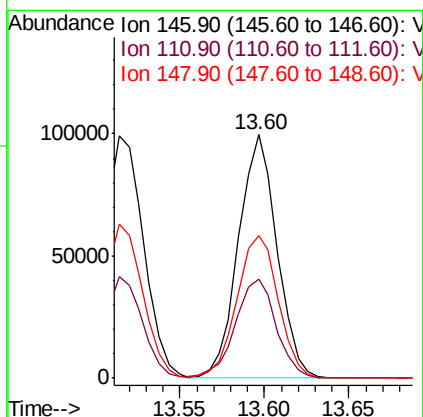
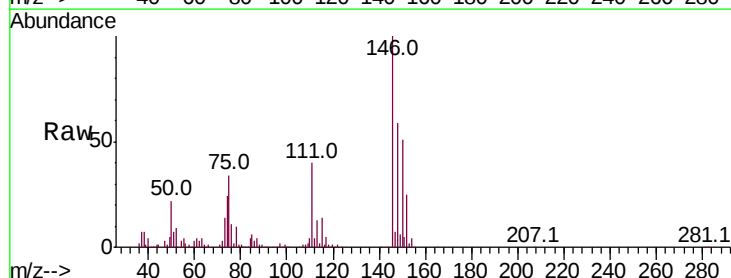
Delta R.T. -0.00 min

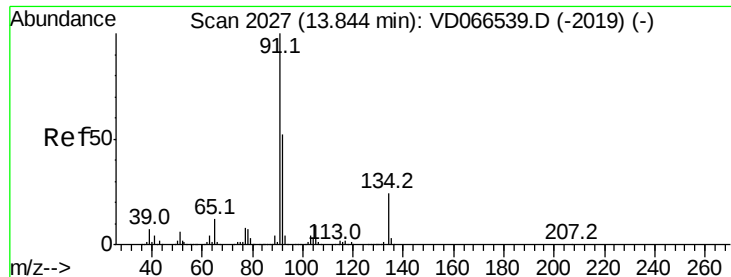
Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Tgt Ion:146 Resp: 158026

Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.1	60.2
148	63.0	31.6	94.8

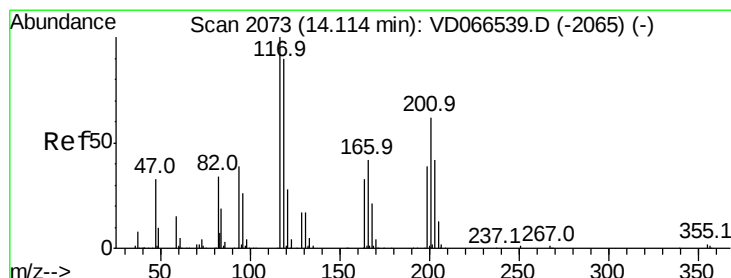
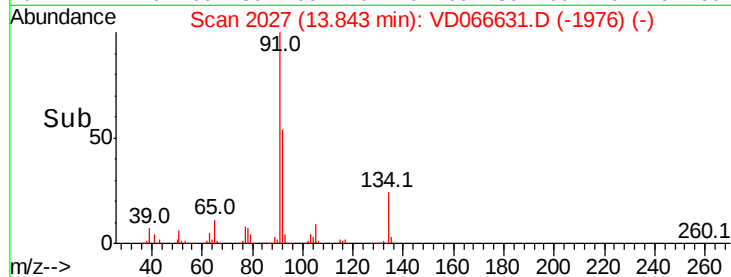
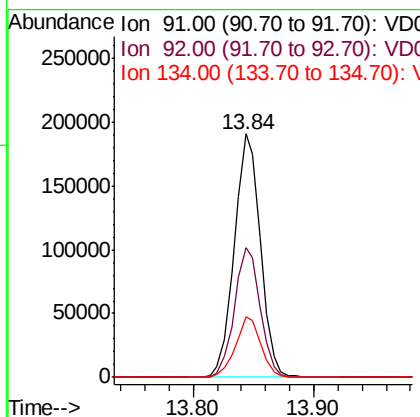
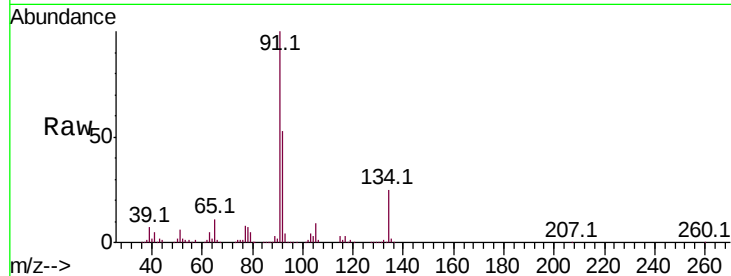




#89
n-Butylbenzene
Concen: 18.673 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

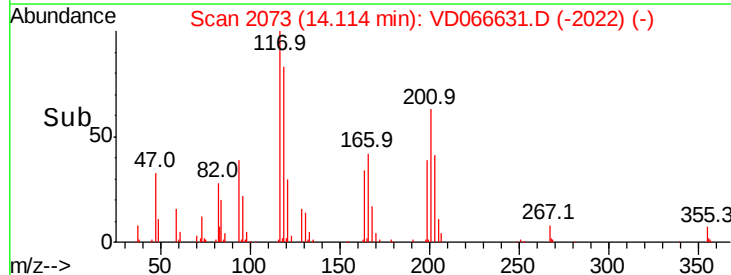
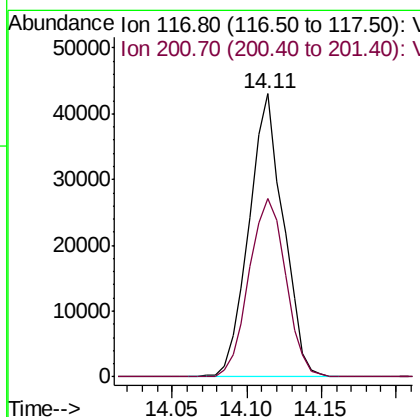
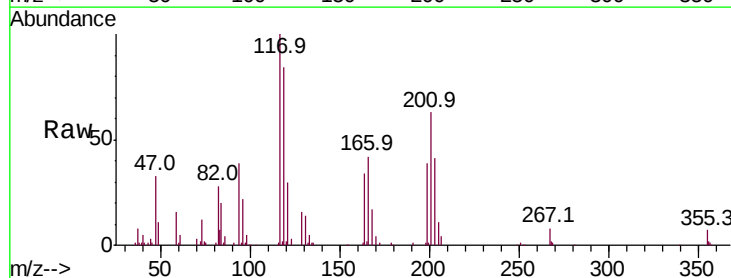
Instrument :
MSVOA_D
ClientSampleId :
VD0910SBS02

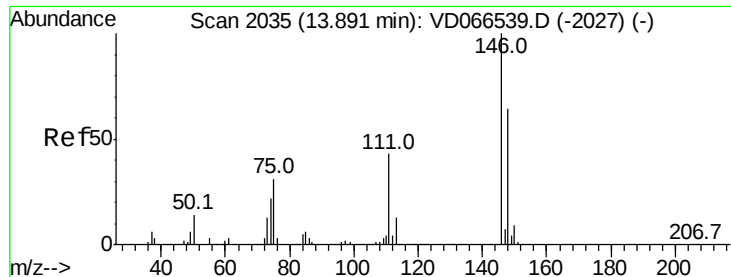
Tot Ion: 91 Resp: 286608
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 24.3 12.1 36.3



#90
Hexachloroethane
Concen: 20.273 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD066631.D
Acq: 11 Sep 2020 00:22

Tgt Ion: 117 Resp: 68804
Ion Ratio Lower Upper
117 100
201 67.2 31.9 95.5





#91

1,2-Dichlorobenzene

Concen: 20.729 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

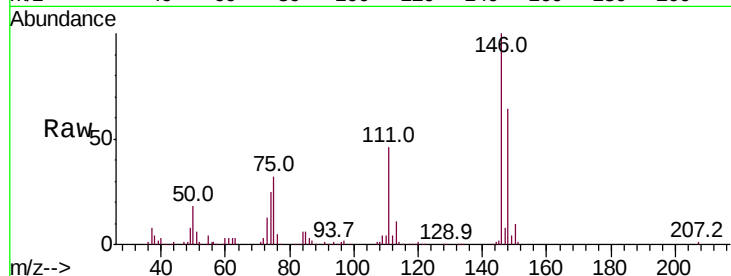
Tot Ion:146 Resp: 141724

Ion Ratio Lower Upper

146 100

111 42.9 21.1 63.4

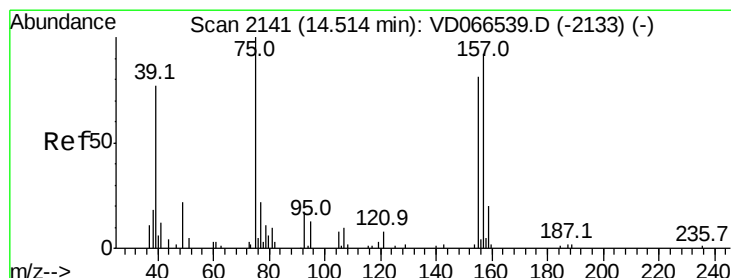
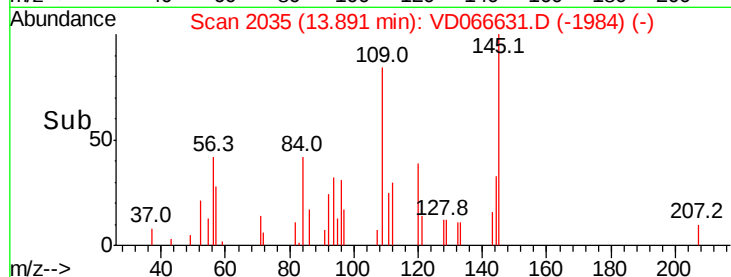
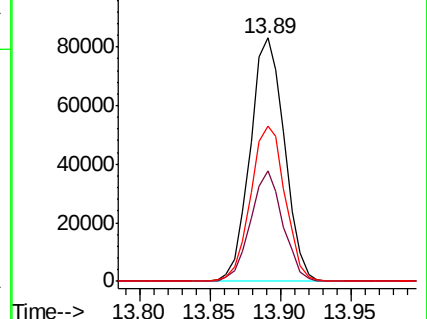
148 64.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.521 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

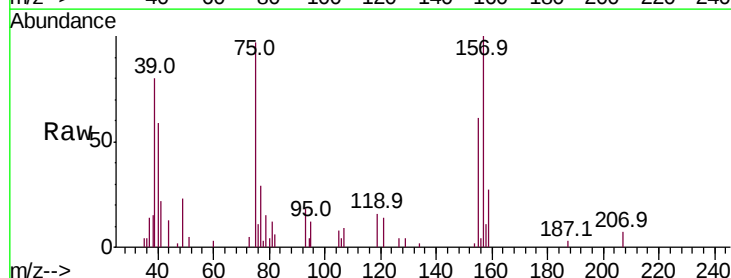
Tgt Ion: 75 Resp: 11414

Ion Ratio Lower Upper

75 100

155 74.0 39.3 117.8

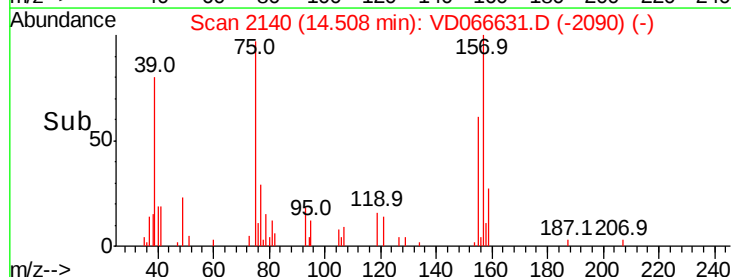
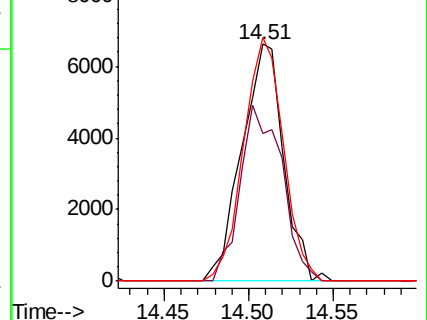
157 98.1 46.0 137.8

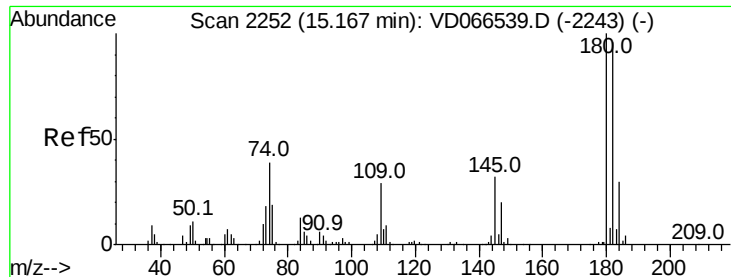


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

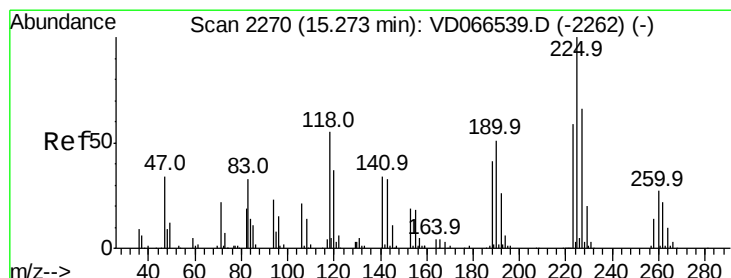
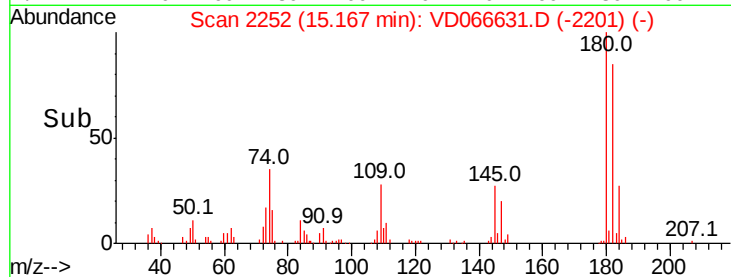
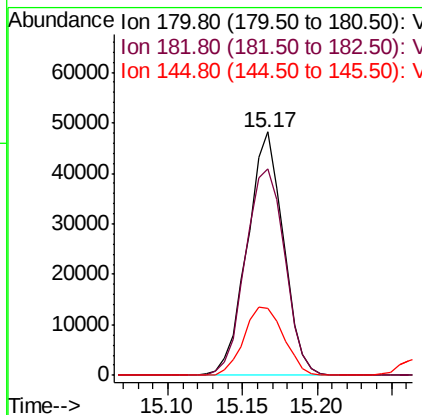
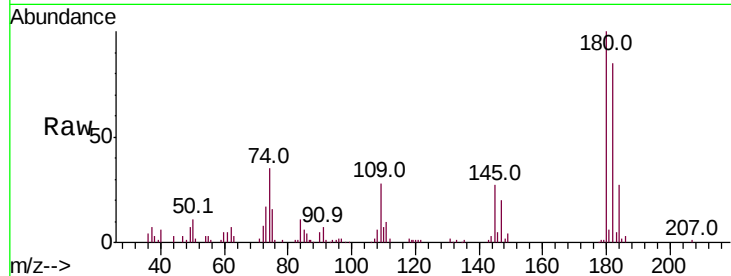




#93
 1,2,4-Trichlorobenzene
 Concen: 19.607 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

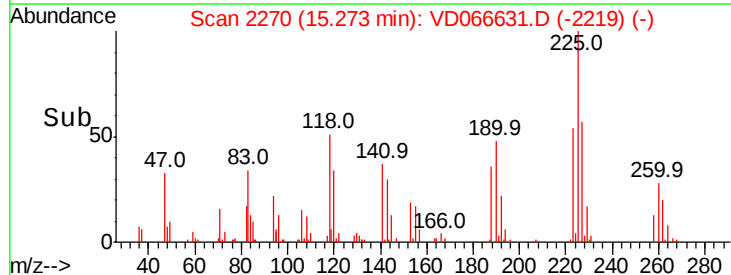
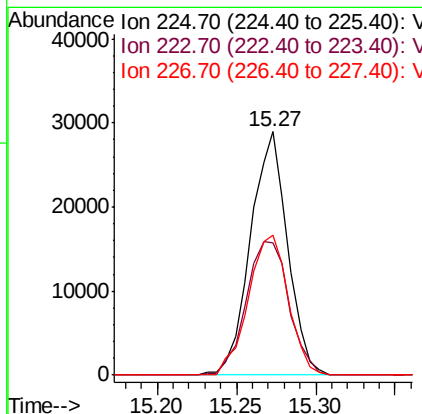
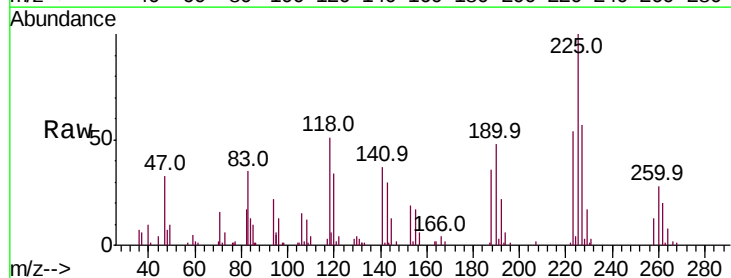
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBSD02

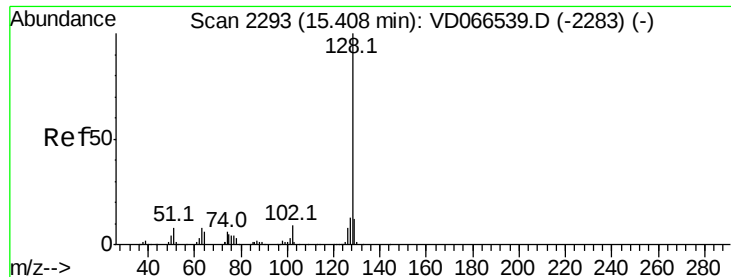
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.6	48.4	145.0
145	30.9	16.7	50.0



#94
 Hexachlorobutadiene
 Concen: 19.116 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066631.D
 Acq: 11 Sep 2020 00:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.5	91.5
227	61.9	32.4	97.2





#95

Naphthalene

Concen: 20.936 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBSD02

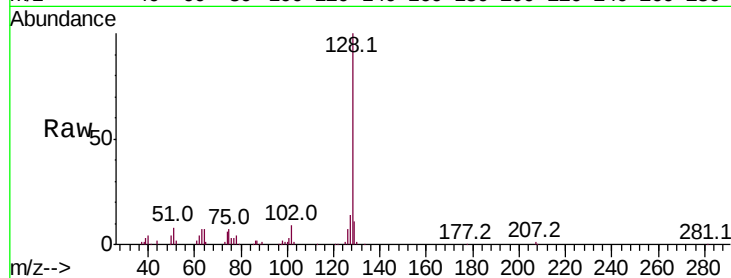
Tot Ion:128 Resp: 150111

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

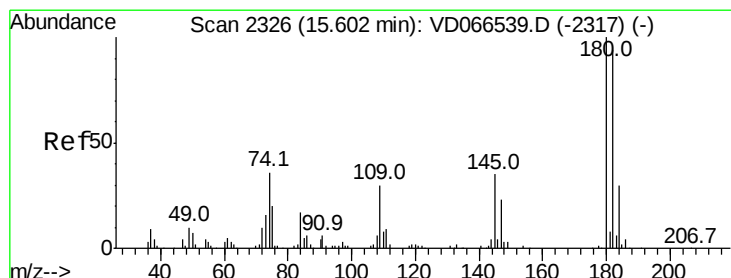
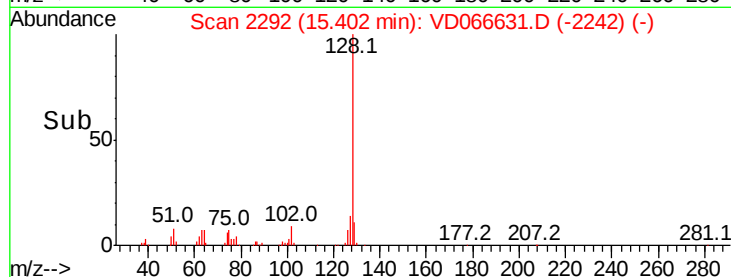
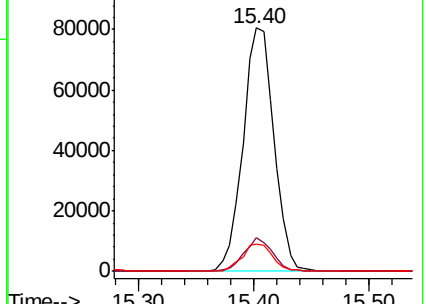
129 11.2 9.1 13.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.052 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066631.D

Acq: 11 Sep 2020 00:22

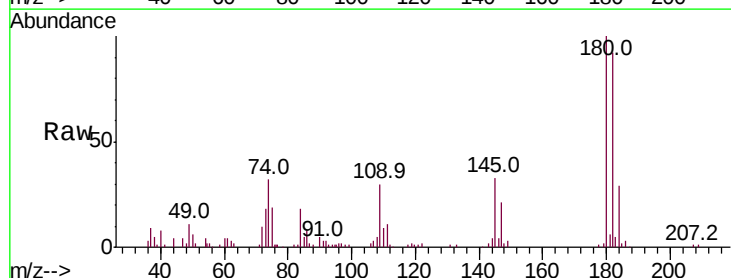
Tgt Ion:180 Resp: 73642

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.6

145 34.1 17.3 51.7



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

