

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066375.D
 Acq On : 24 Aug 2020 12:29
 Operator : VA/SY
 Sample : VD0824SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Quant Time: Aug 25 02:40:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	203801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	283687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	263131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140597	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	104937	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
35) Dibromofluoromethane	7.91	113	88651	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.34	98	336400	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.63	95	120263	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34390	19.849	ug/l	96
3) Chloromethane	2.21	50	22162	18.045	ug/l	96
4) Vinyl Chloride	2.34	62	23553	17.862	ug/l	91
5) Bromomethane	2.75	94	18578	18.836	ug/l	86
6) Chloroethane	2.91	64	15520	18.381	ug/l	93
7) Trichlorofluoromethane	3.27	101	71218	19.862	ug/l	97
8) Diethyl Ether	3.71	74	14879	18.520	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	31171	17.615	ug/l	93
10) Methyl Iodide	4.30	142	27878	13.813	ug/l	95
11) Tert butyl alcohol	5.22	59	14852	104.040	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	30132	18.140	ug/l	87
13) Acrolein	3.92	56	7561	85.217	ug/l	90
14) Allyl chloride	4.71	41	37439	16.887	ug/l	94
15) Acrylonitrile	5.42	53	27680	85.872	ug/l	97
16) Acetone	4.15	43	30482	84.621	ug/l #	83
17) Carbon Disulfide	4.41	76	81988	16.287	ug/l	98
18) Methyl Acetate	4.71	43	11538	17.066	ug/l #	88
19) Methyl tert-butyl Ether	5.47	73	73740	18.437	ug/l	98
20) Methylene Chloride	4.97	84	41148	17.226	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	33513	17.332	ug/l	97
22) Diisopropyl ether	6.36	45	75344	17.552	ug/l	93
23) Vinyl Acetate	6.30	43	225529	84.870	ug/l	99
24) 1,1-Dichloroethane	6.26	63	51370	16.935	ug/l	96
25) 2-Butanone	7.21	43	35256	86.214	ug/l	97
26) 2,2-Dichloropropane	7.20	77	61252	18.840	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	37237	17.973	ug/l	98
28) Bromochloromethane	7.54	49	18569	17.771	ug/l	94
29) Tetrahydrofuran	7.56	42	19690	84.772	ug/l	95
30) Chloroform	7.71	83	64831	18.472	ug/l	99
31) Cyclohexane	7.97	56	44910	16.188	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	67262	18.725	ug/l	99
36) 1,1-Dichloropropene	8.11	75	47832	18.479	ug/l	99
37) Ethyl Acetate	7.29	43	14751	16.755	ug/l #	90
38) Carbon Tetrachloride	8.09	117	66859	19.826	ug/l	98

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0824SBS01

Quant Time: Aug 25 02:40:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	55441	18.182	ug/l	91
40) Benzene	8.34	78	122560	17.999	ug/l	96
41) Methacrylonitrile	7.52	41	7264	13.380	ug/l #	18
42) 1,2-Dichloroethane	8.42	62	46209	19.267	ug/l	98
43) Isopropyl Acetate	8.44	43	30341	17.171	ug/l	97
44) Trichloroethene	9.11	130	41020	18.539	ug/l	96
45) 1,2-Dichloropropane	9.38	63	28323	18.347	ug/l	94
46) Dibromomethane	9.47	93	18153	18.887	ug/l	99
47) Bromodichloromethane	9.66	83	50483	19.099	ug/l	96
48) Methyl methacrylate	9.45	41	15781	17.319	ug/l	89
49) 1,4-Dioxane	9.45	88	4134	370.410	ug/l #	51
51) 4-Methyl-2-Pentanone	10.23	43	75044	87.789	ug/l	98
52) Toluene	10.40	92	87538	18.975	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	46135	18.394	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	50630	17.984	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	23055	17.718	ug/l #	88
56) Ethyl methacrylate	10.66	69	26881	17.846	ug/l #	92
57) 1,3-Dichloropropane	10.94	76	38481	17.879	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	62712	100.243	ug/l	98
59) 2-Hexanone	10.98	43	52467	87.015	ug/l	99
60) Dibromochloromethane	11.14	129	36609	18.665	ug/l	99
61) 1,2-Dibromoethane	11.24	107	23164	18.090	ug/l	99
64) Tetrachloroethene	10.87	164	37854	18.964	ug/l	95
65) Chlorobenzene	11.67	112	97669	18.657	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	40827	19.084	ug/l	96
67) Ethyl Benzene	11.74	91	171613	18.623	ug/l	100
68) m/p-Xylenes	11.85	106	132514	37.728	ug/l	98
69) o-Xylene	12.18	106	59670	18.262	ug/l	98
70) Styrene	12.20	104	106452	18.974	ug/l	100
71) Bromoform	12.36	173	22629	18.644	ug/l #	99
73) Isopropylbenzene	12.48	105	173631	18.435	ug/l	98
74) N-amyl acetate	12.28	43	29482	17.331	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	23437	17.419	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	35738	36.132	ug/l #	1
77) Bromobenzene	12.76	156	43447	18.175	ug/l	98
78) n-propylbenzene	12.82	91	202813	18.780	ug/l	98
79) 2-Chlorotoluene	12.91	91	113385	18.383	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	147829	18.179	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	8104	17.392	ug/l	93
82) 4-Chlorotoluene	13.01	91	121061	18.526	ug/l	99
83) tert-Butylbenzene	13.23	119	134714	19.072	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	149989	18.778	ug/l	100
85) sec-Butylbenzene	13.40	105	173338	18.730	ug/l	97
86) p-Isopropyltoluene	13.52	119	169968	19.047	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	83905	18.803	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	82495	18.412	ug/l	97
89) n-Butylbenzene	13.84	91	140420	17.832	ug/l	98
90) Hexachloroethane	14.11	117	30767	17.454	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	71737	18.674	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5073	17.977	ug/l	99

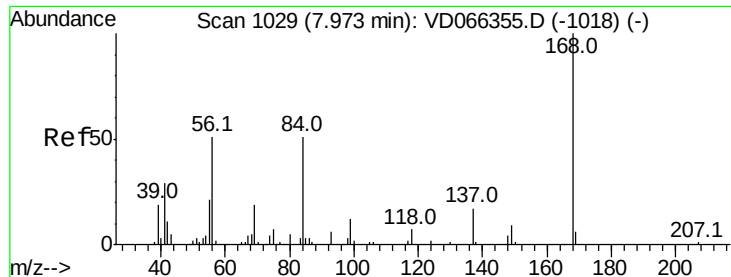
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066375.D
Acq On : 24 Aug 2020 12:29
Operator : VA/SY
Sample : VD0824SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

Quant Time: Aug 25 02:40:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53581	17.866	ug/l	99
94) Hexachlorobutadiene	15.27	225	35706	19.159	ug/l	97
95) Naphthalene	15.40	128	83498	17.727	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	47495	18.487	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

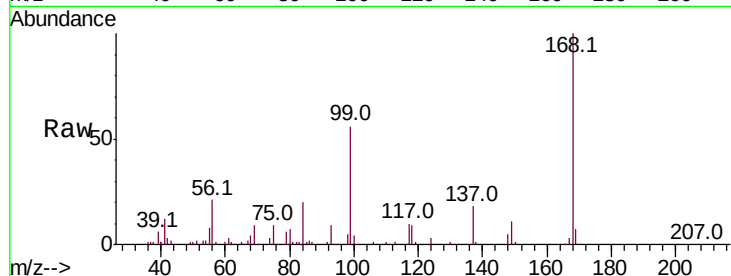
VD0824SBSD01

Tot Ion:168 Resp: 203801

Ion Ratio Lower Upper

168 100

99 55.7 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

100000

80000

60000

40000

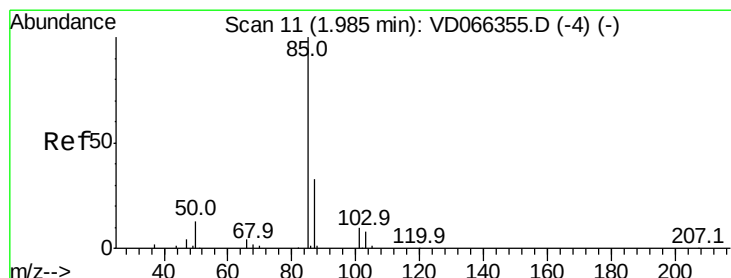
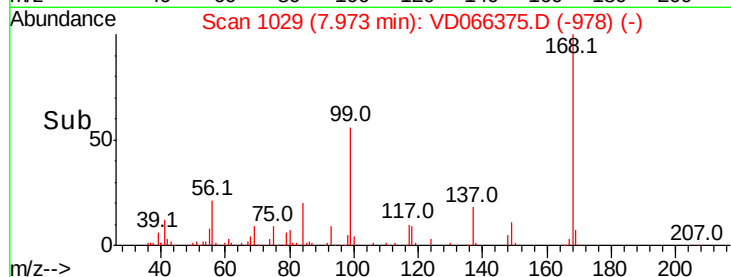
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.849 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066375.D

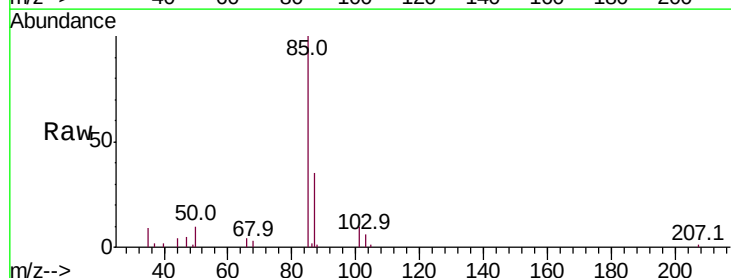
Acq: 24 Aug 2020 12:29

Tgt Ion: 85 Resp: 34390

Ion Ratio Lower Upper

85 100

87 35.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

30000

25000

20000

15000

10000

5000

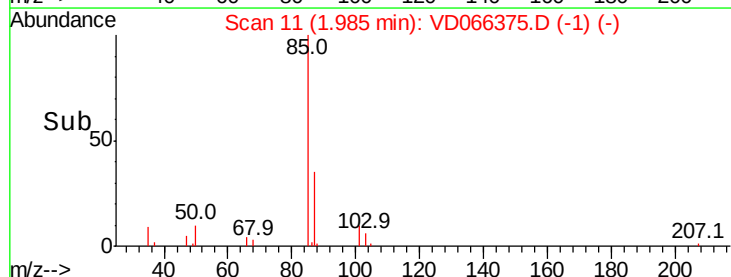
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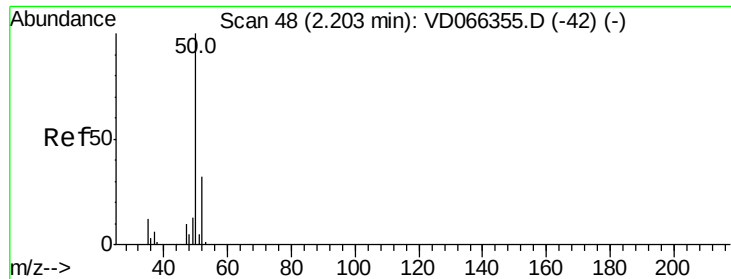
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 18.045 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

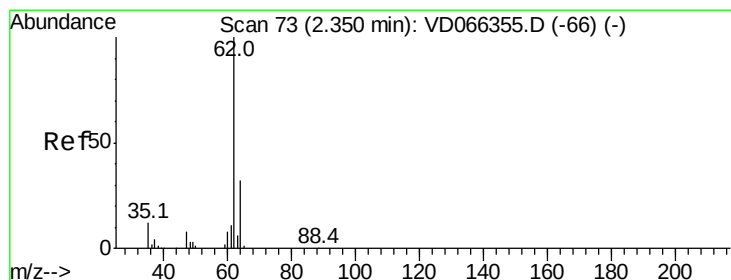
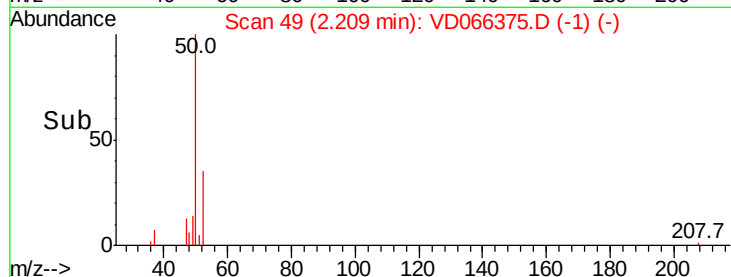
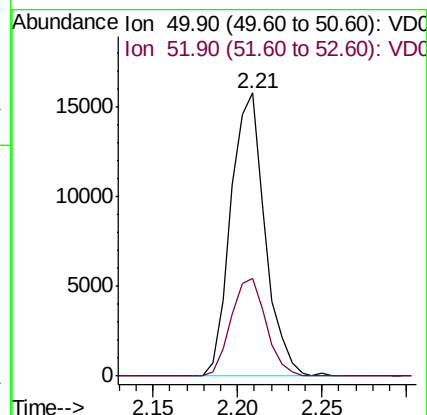
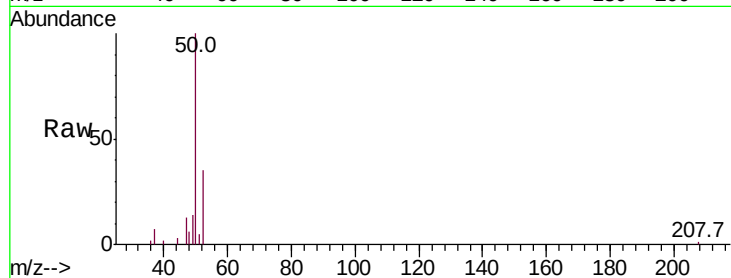
VD0824SBSD01

Tot Ion: 50 Resp: 22162

Ion Ratio Lower Upper

50 100

52 34.5 25.7 38.5



#4

Vinyl Chloride

Concen: 17.862 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066375.D

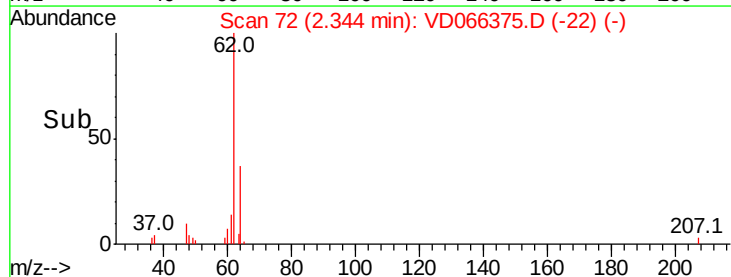
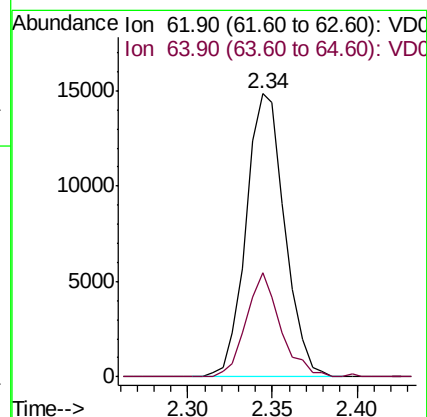
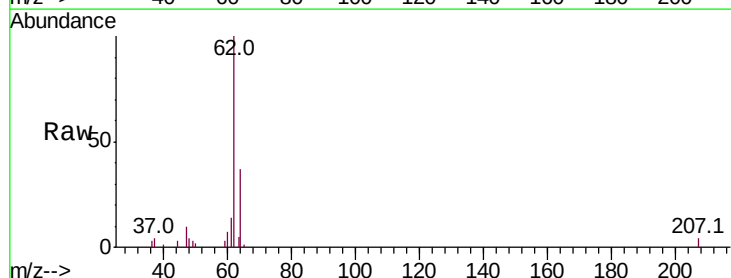
Acq: 24 Aug 2020 12:29

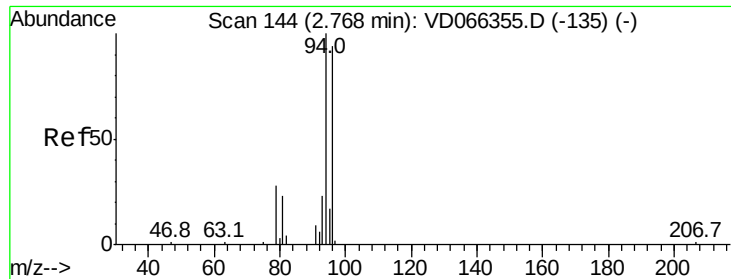
Tgt Ion: 62 Resp: 23553

Ion Ratio Lower Upper

62 100

64 36.9 25.4 38.2





#5

Bromomethane

Concen: 18.836 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

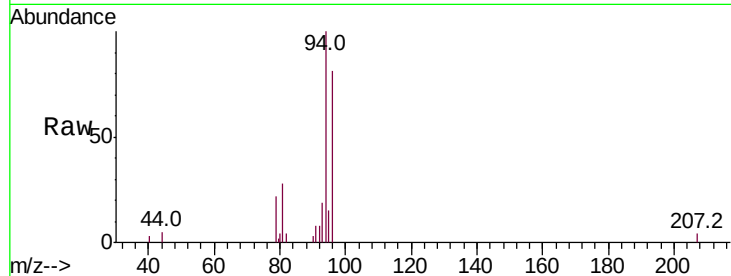
VD0824SBSD01

Tot Ion: 94 Resp: 18578

Ion Ratio Lower Upper

94 100

96 80.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.75

10000

8000

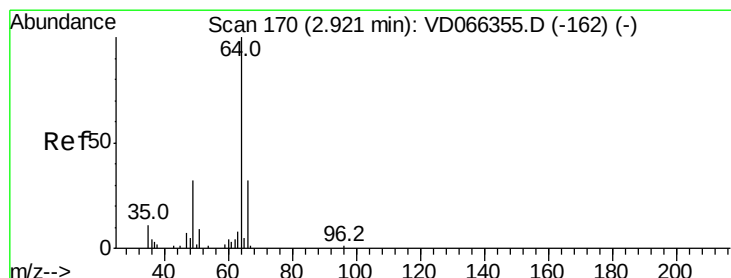
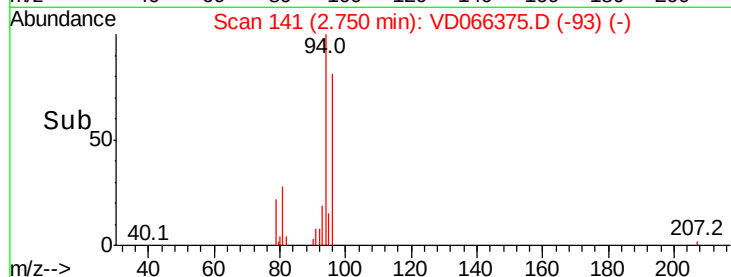
6000

4000

2000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 18.381 ug/l

RT: 2.91 min Scan# 169

Delta R.T. -0.01 min

Lab File: VD066375.D

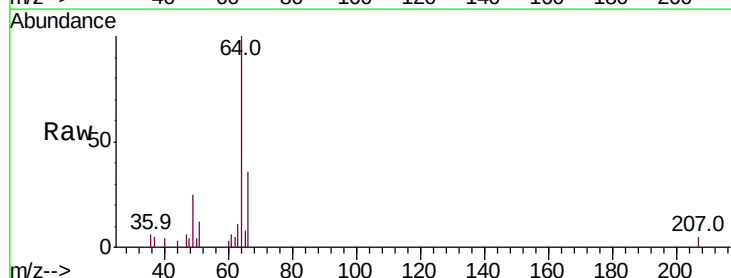
Acq: 24 Aug 2020 12:29

Tgt Ion: 64 Resp: 15520

Ion Ratio Lower Upper

64 100

66 36.1 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.91

8000

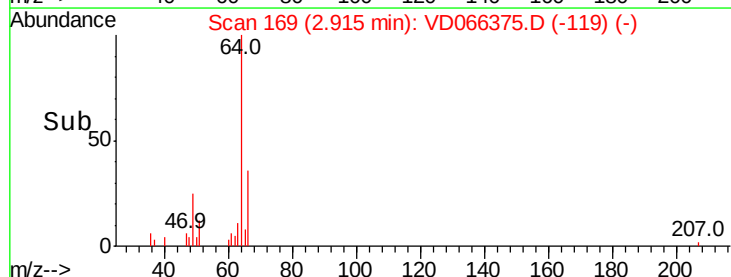
6000

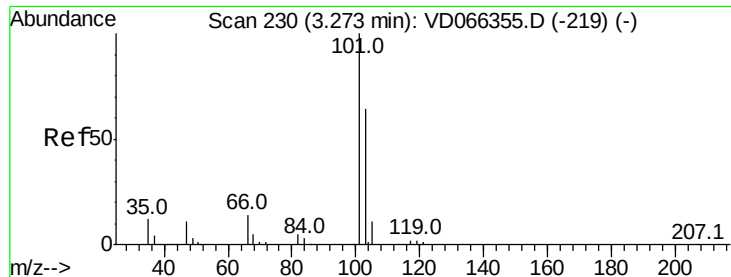
4000

2000

0

Time--> 2.85 2.90 2.95 3.00



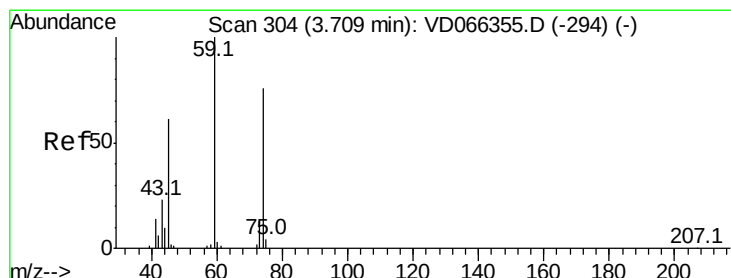
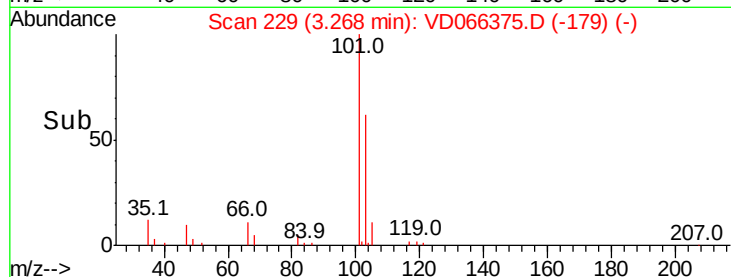
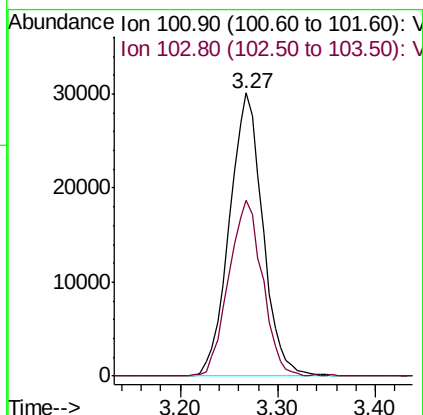
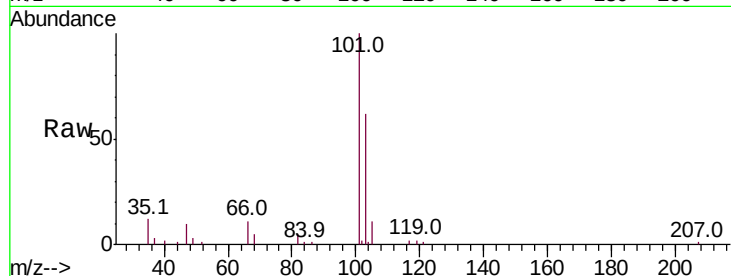


#7

Trichlorofluoromethane
 Concen: 19.862 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

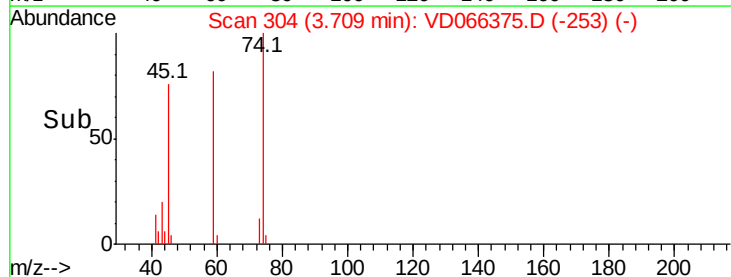
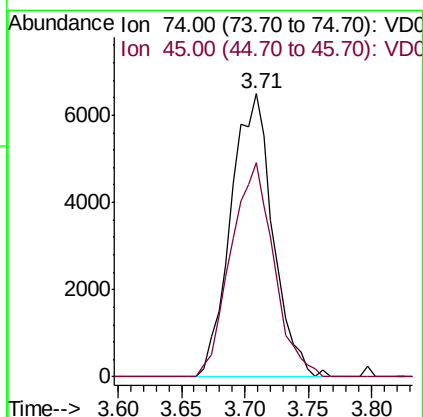
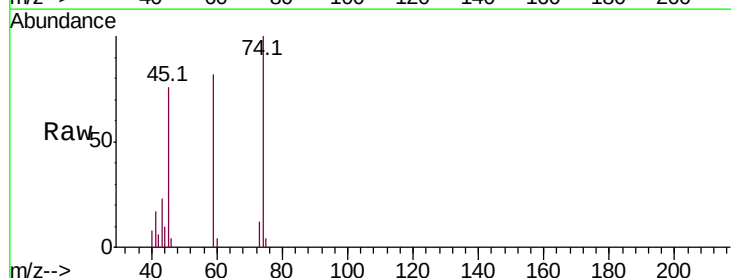
Tot Ion:101 Resp: 71218
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.4 77.0

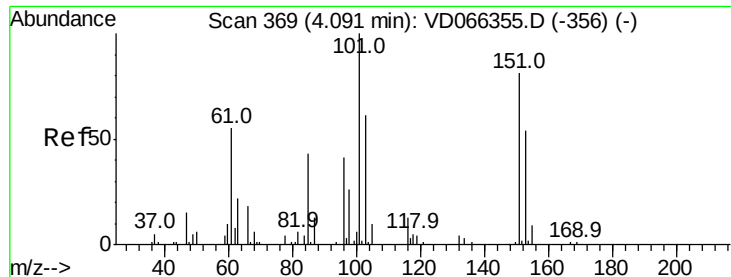


#8

Diethyl Ether
 Concen: 18.520 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion: 74 Resp: 14879
 Ion Ratio Lower Upper
 74 100
 45 77.8 42.8 128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.615 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

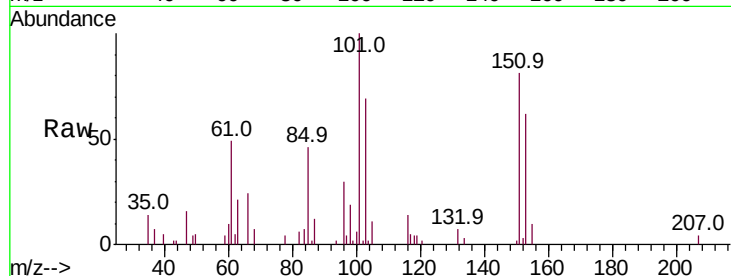
Tot Ion:101 Resp: 31171

Ion Ratio Lower Upper

101 100

85 49.8 36.4 54.6

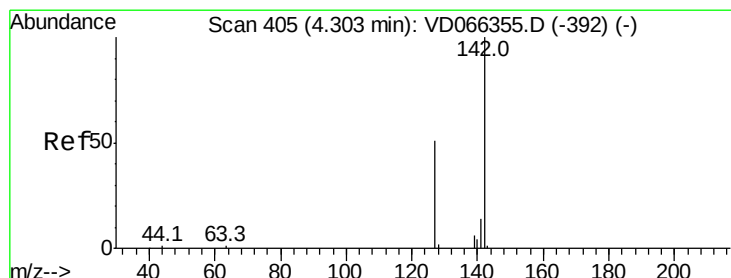
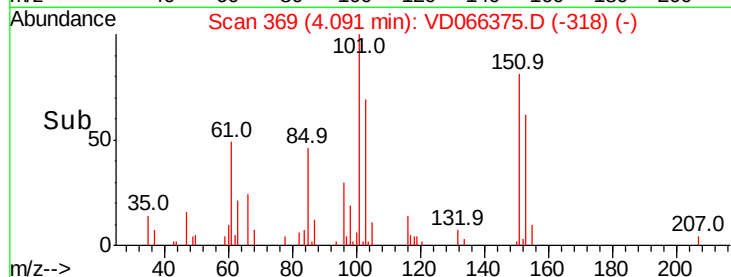
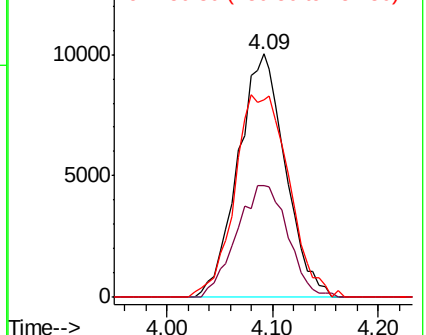
151 94.8 70.5 105.7



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: 13.813 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

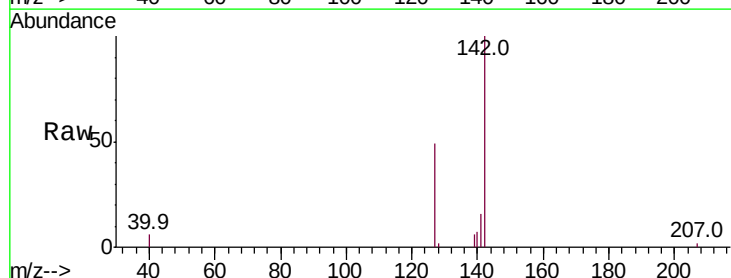
Tgt Ion:142 Resp: 27878

Ion Ratio Lower Upper

142 100

127 55.5 41.8 62.8

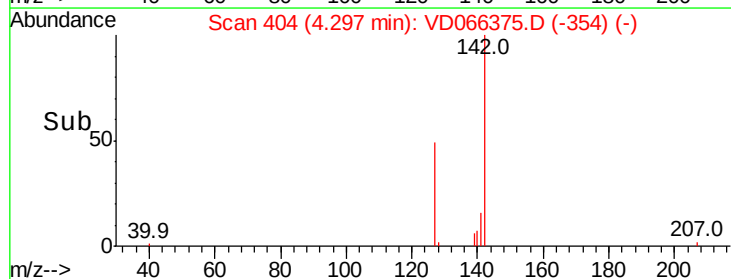
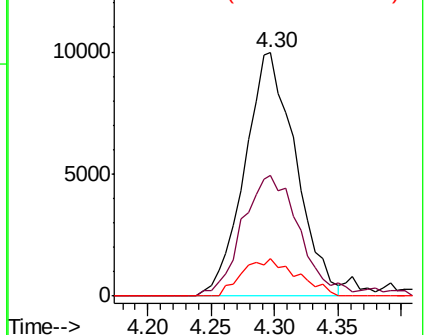
141 16.6 11.8 17.6

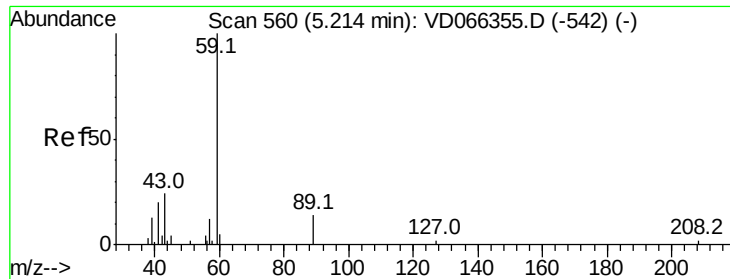


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



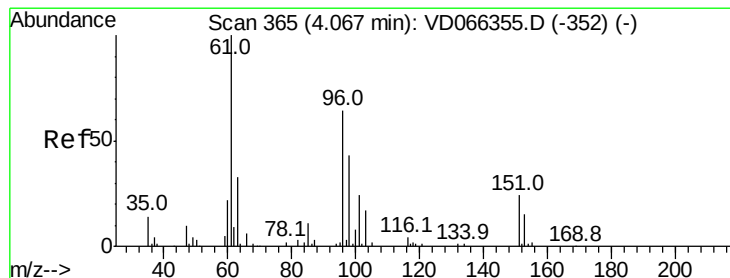
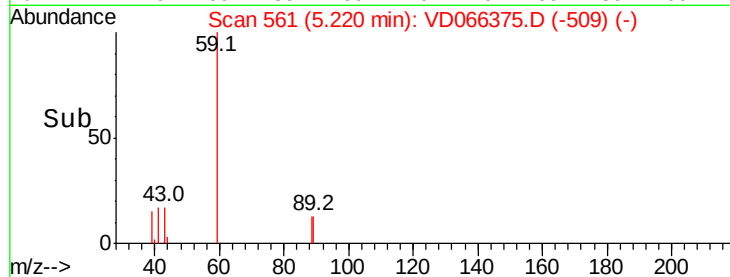
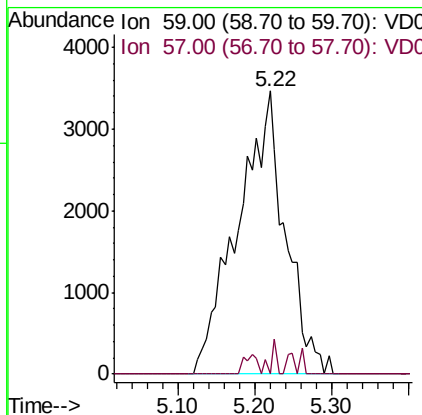
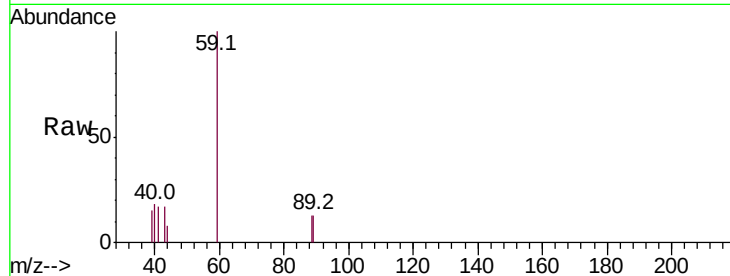


#11

Tert butyl alcohol
 Concen: 104.040 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

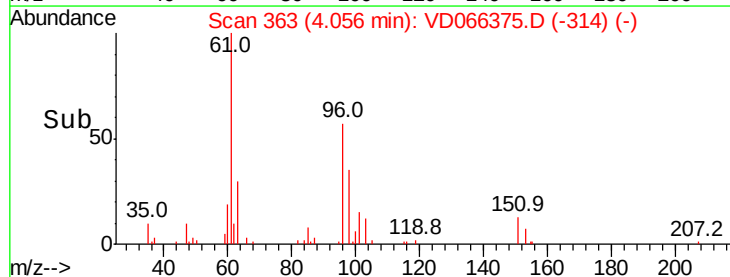
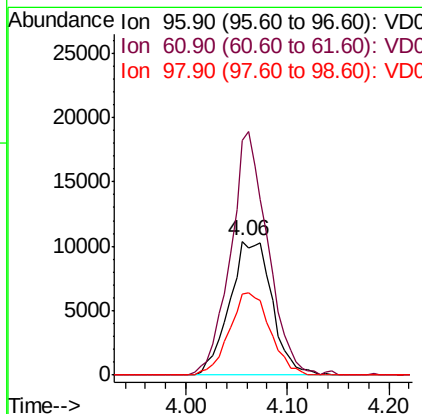
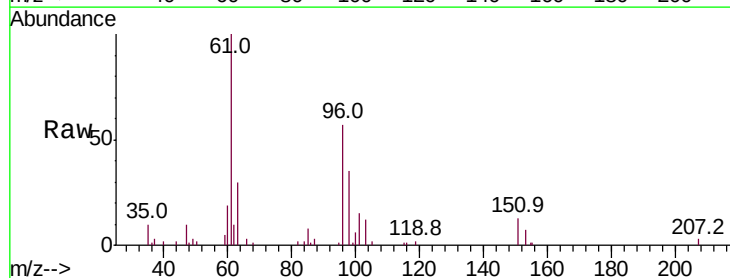
Tot Ion: 59 Resp: 14852
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

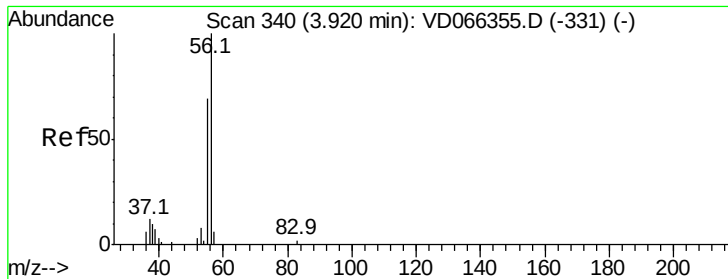


#12

1,1-Dichloroethene
 Concen: 18.140 ug/l
 RT: 4.06 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion: 96 Resp: 30132
 Ion Ratio Lower Upper
 96 100
 61 174.7 124.3 186.5
 98 60.7 53.2 79.8





#13

Acrolein

Concen: 85.217 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

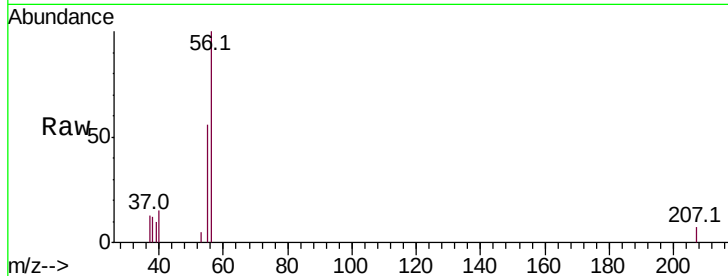
VD0824SBS01

Tot Ion: 56 Resp: 7561

Ion Ratio Lower Upper

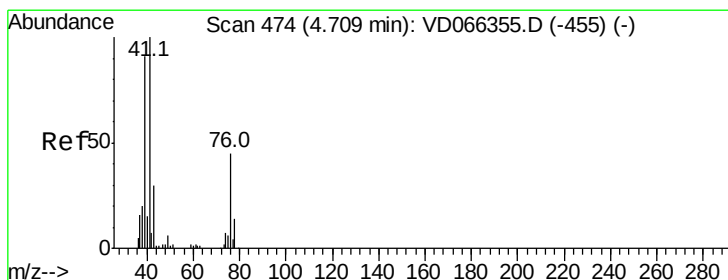
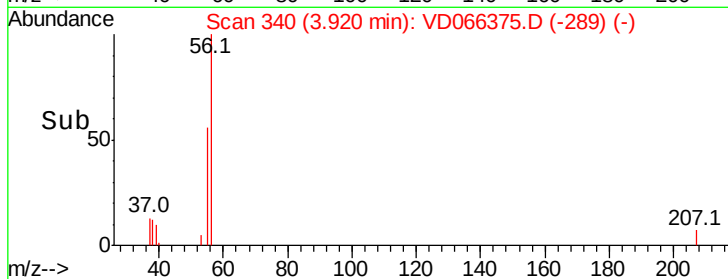
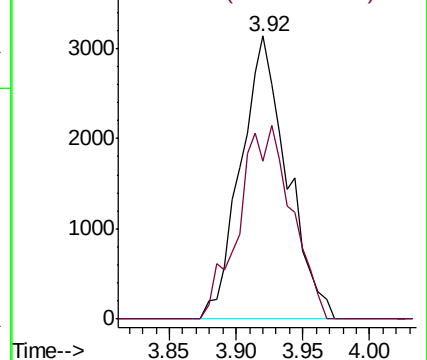
56 100

55 77.5 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 16.887 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

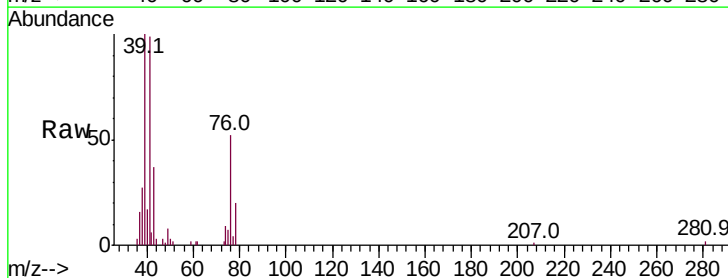
Tgt Ion: 41 Resp: 37439

Ion Ratio Lower Upper

41 100

39 94.2 72.8 109.2

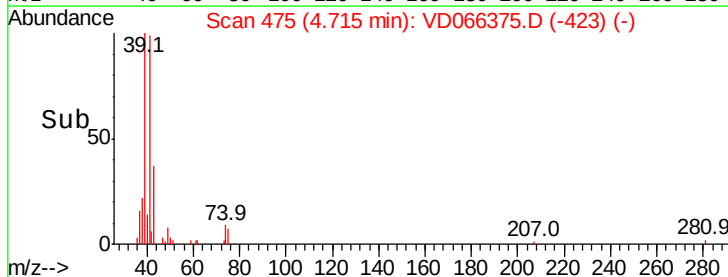
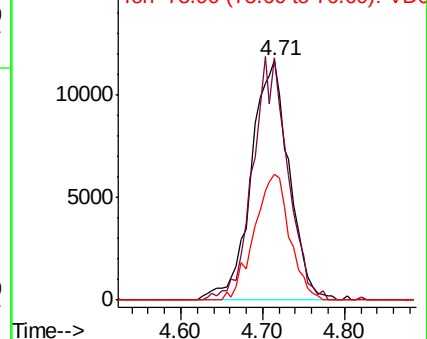
76 49.2 34.0 51.0

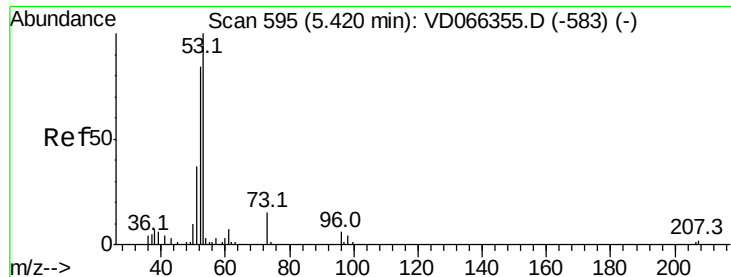


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 85.872 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

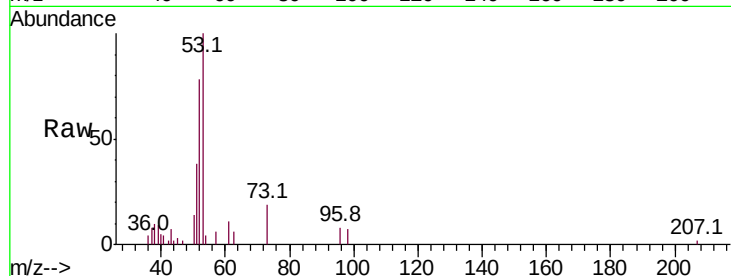
Tot Ion: 53 Resp: 27680

Ion Ratio Lower Upper

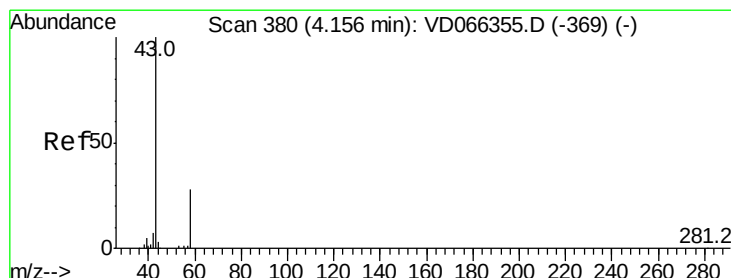
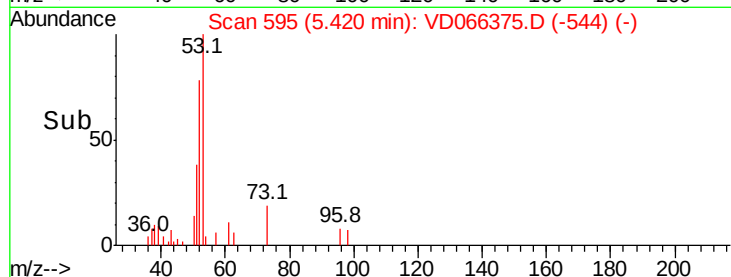
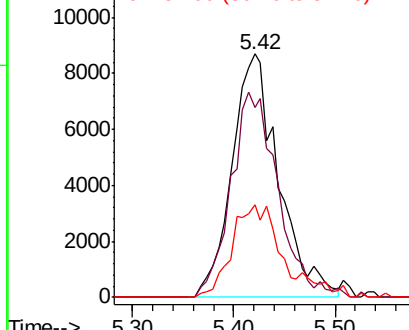
53 100

52 85.1 68.1 102.1

51 36.8 33.8 50.6



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: 84.621 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD066375.D

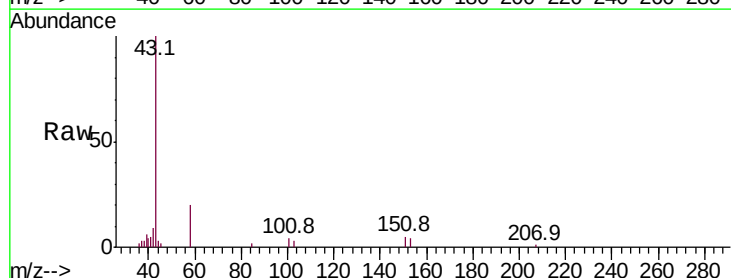
Acq: 24 Aug 2020 12:29

Tgt Ion: 43 Resp: 30482

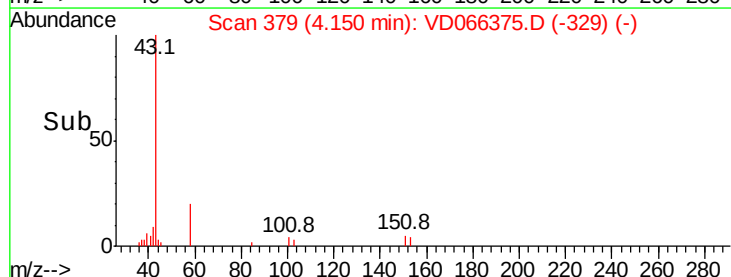
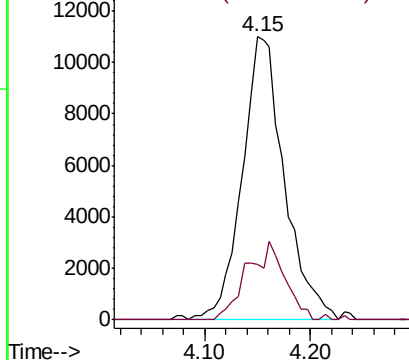
Ion Ratio Lower Upper

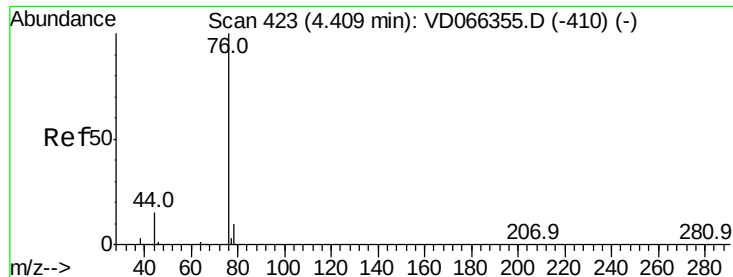
43 100

58 19.6 22.7 34.1#



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





#17

Carbon Disulfide

Concen: 16.287 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

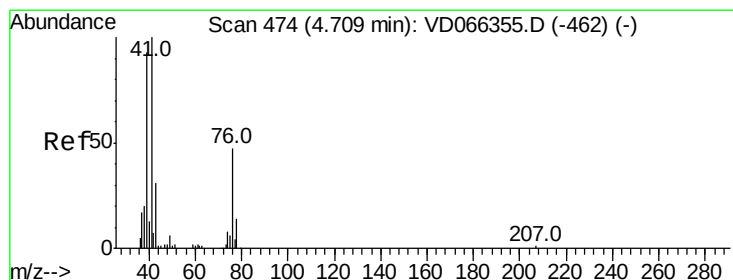
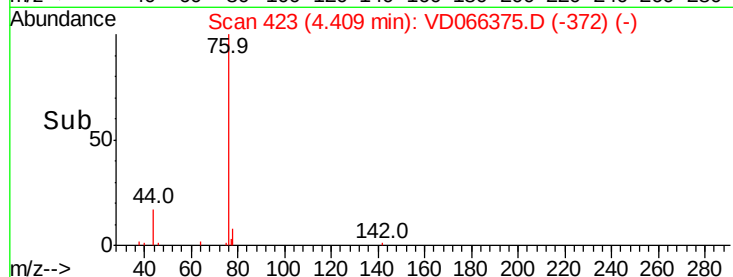
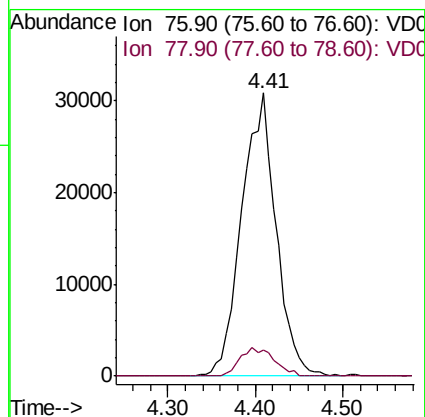
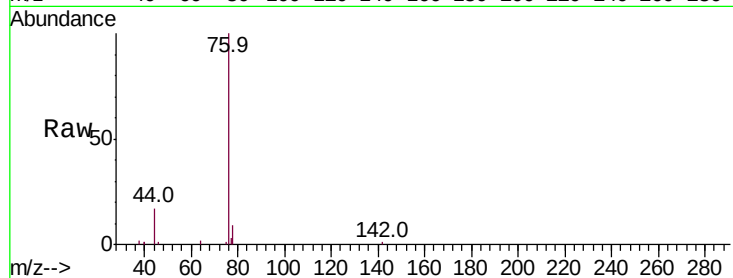
VD0824SBS01

Tot Ion: 76 Resp: 81988

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5



#18

Methyl Acetate

Concen: 17.066 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066375.D

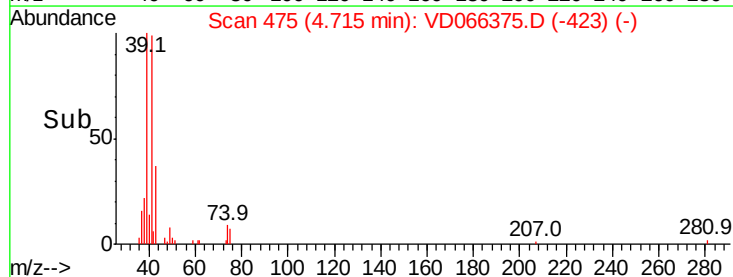
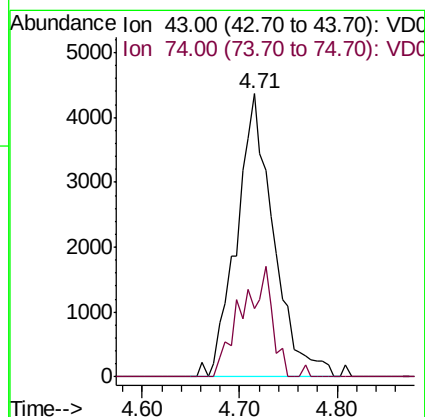
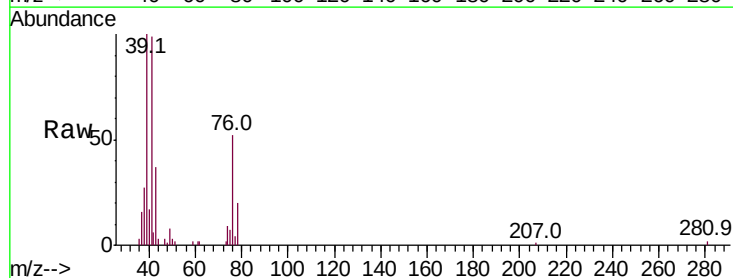
Acq: 24 Aug 2020 12:29

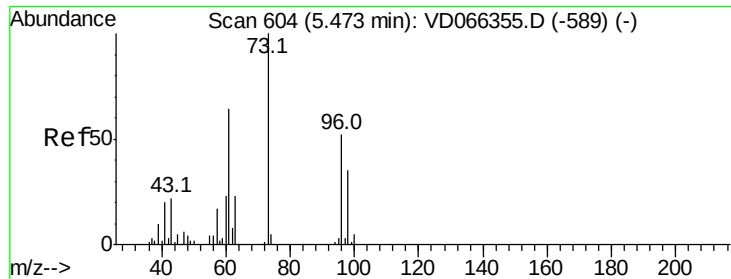
Tgt Ion: 43 Resp: 11538

Ion Ratio Lower Upper

43 100

74 32.5 21.0 31.6#

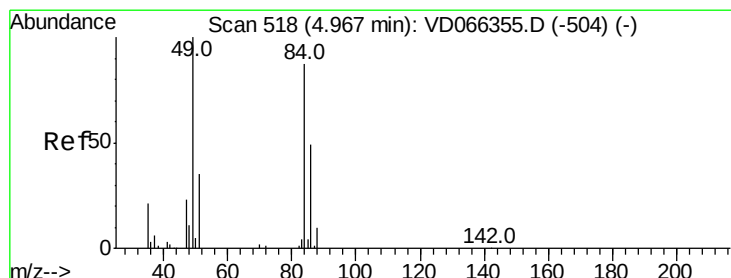
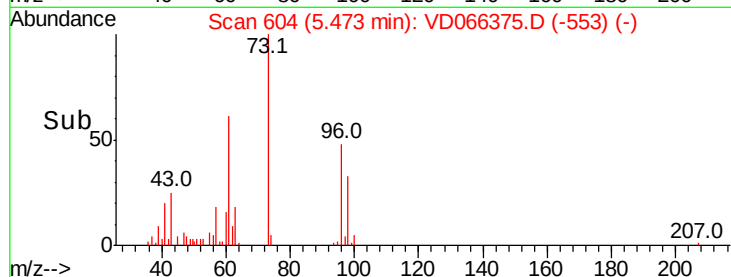
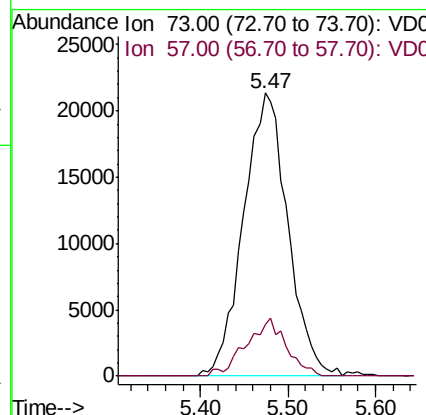
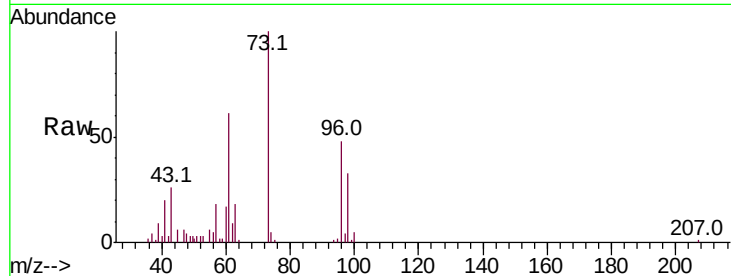




#19
Methyl tert-butyl Ether
Concen: 18.437 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

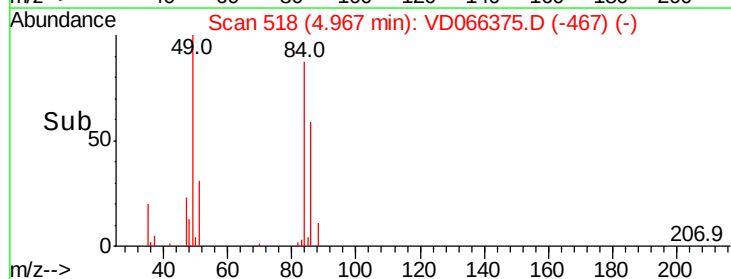
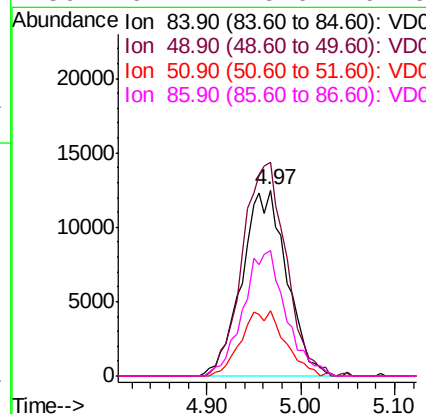
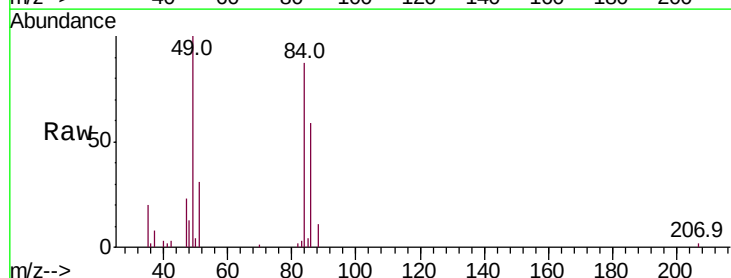
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

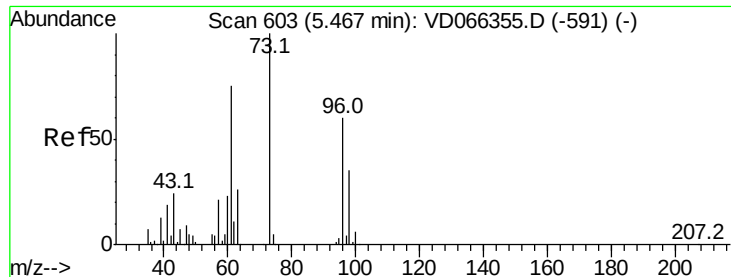
Tot Ion: 73 Resp: 73740
Ion Ratio Lower Upper
73 100
57 18.2 13.8 20.6



#20
Methylene Chloride
Concen: 17.226 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion: 84 Resp: 41148
Ion Ratio Lower Upper
84 100
49 114.7 92.5 138.7
51 35.0 32.5 48.7
86 67.4 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 17.332 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

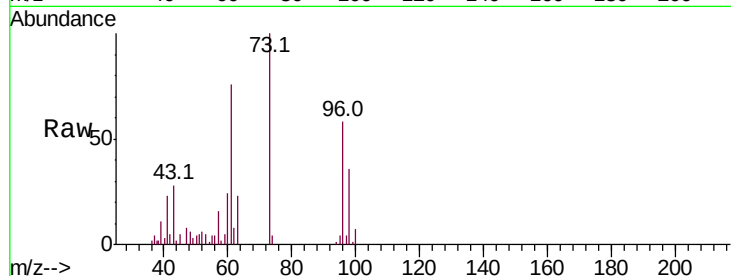
Tot Ion: 96 Resp: 33513

Ion Ratio Lower Upper

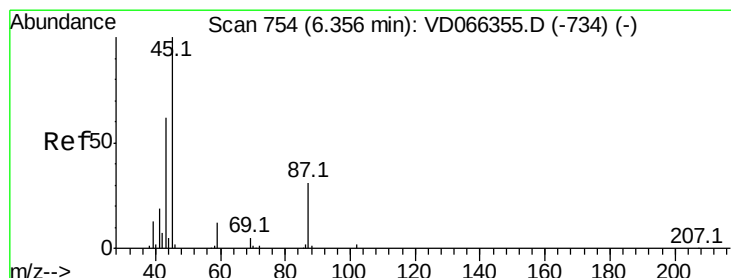
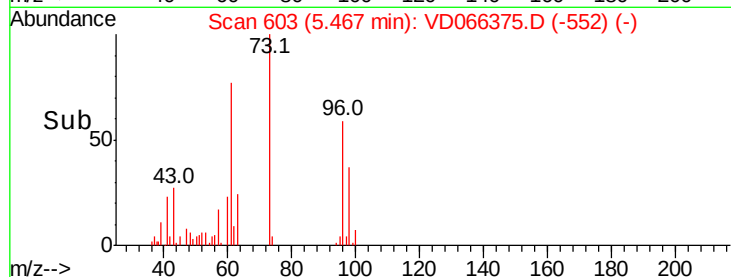
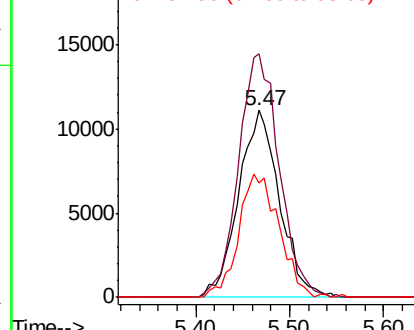
96 100

61 130.2 101.1 151.7

98 61.4 47.0 70.6



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



#22

Diisopropyl ether

Concen: 17.552 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Tgt Ion: 45 Resp: 75344

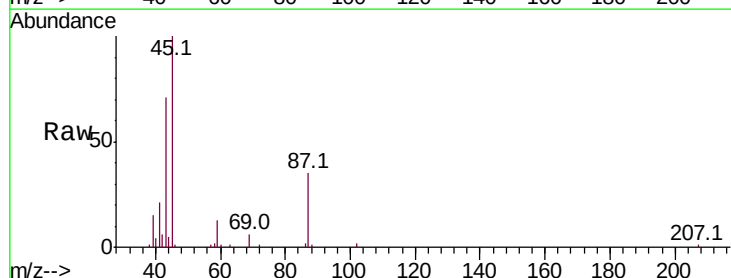
Ion Ratio Lower Upper

45 100

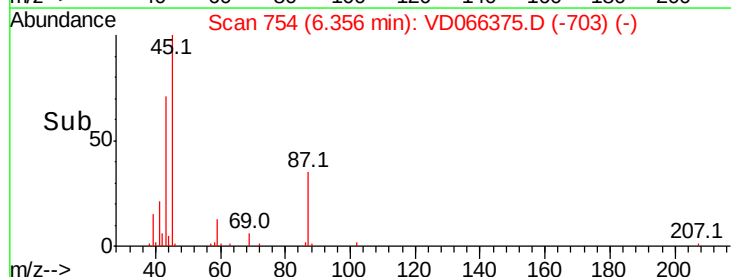
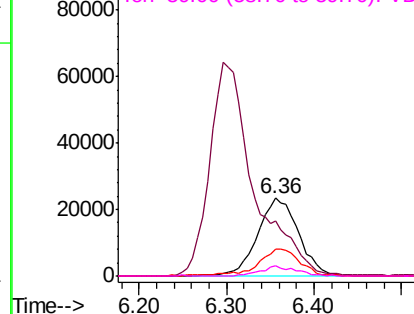
43 68.4 49.8 74.8

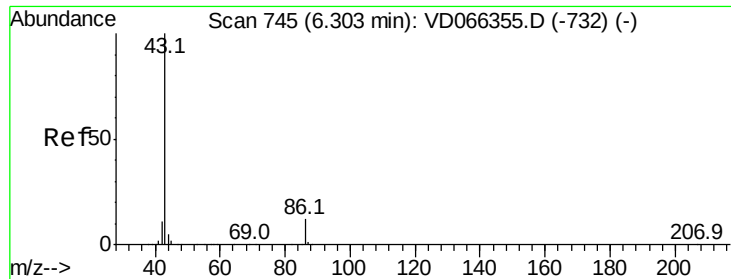
87 34.8 25.0 37.6

59 13.5 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

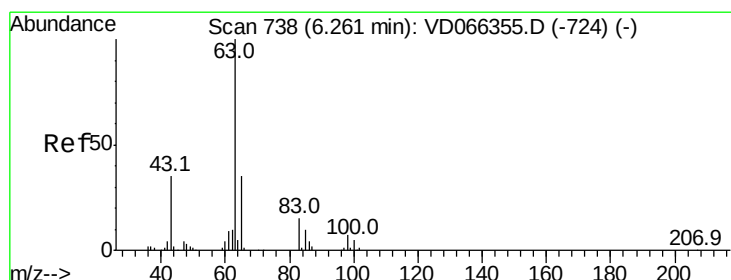
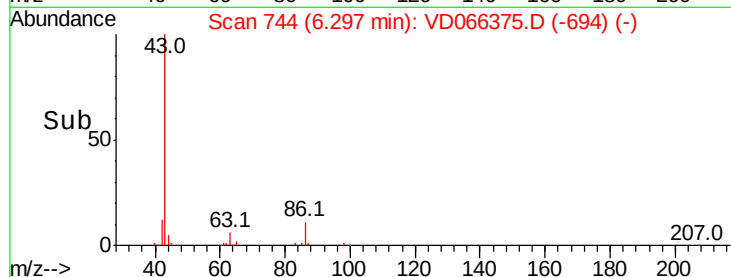
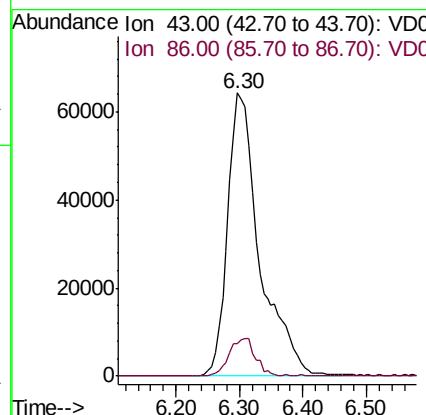
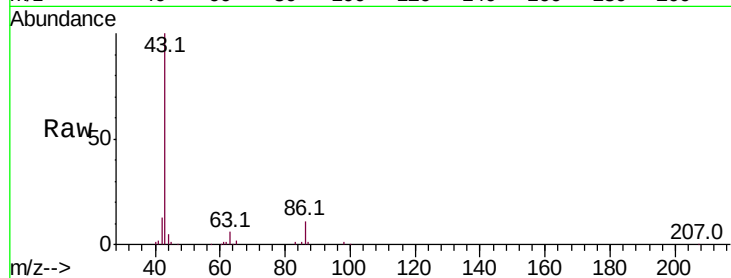




#23
 Vinyl Acetate
 Concen: 84.870 ug/l
 RT: 6.30 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

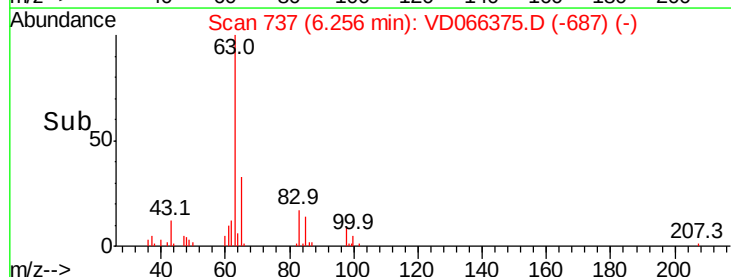
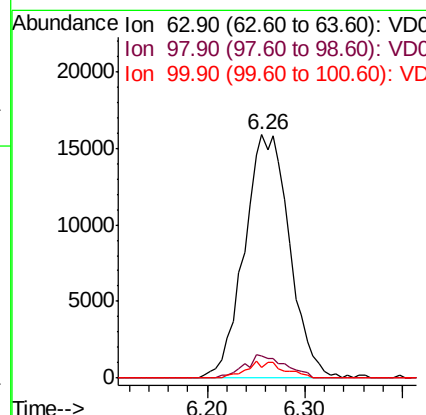
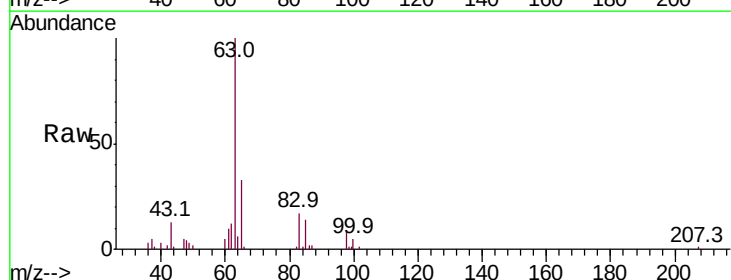
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

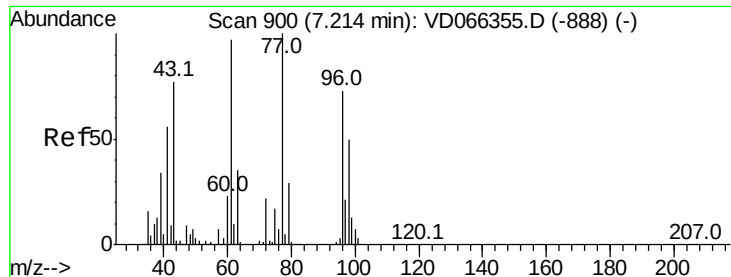
Tot Ion: 43 Resp: 225529
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 16.935 ug/l
 RT: 6.26 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion: 63 Resp: 51370
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.5 10.6
 100 4.5 2.5 7.6





#25

2-Butanone

Concen: 86.214 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

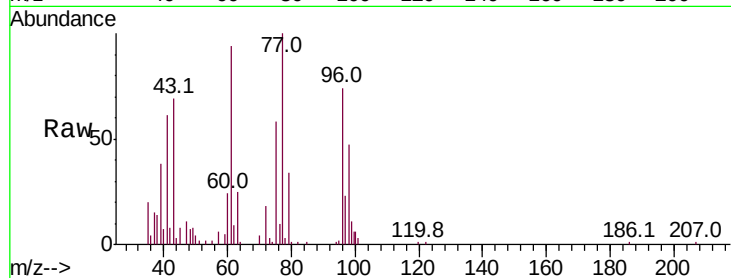
VD0824SBS01

Tot Ion: 43 Resp: 35256

Ion Ratio Lower Upper

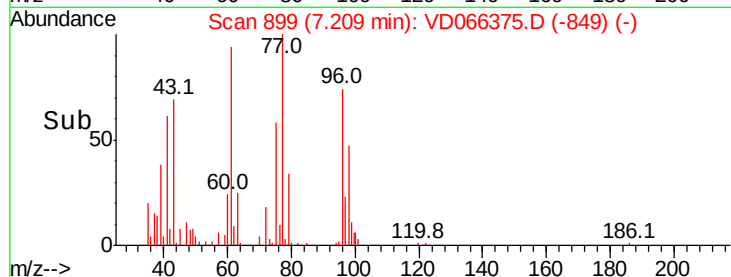
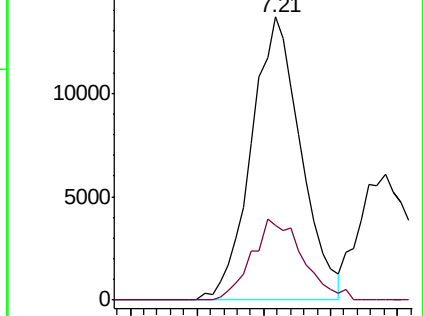
43 100

72 26.5 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 18.840 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066375.D

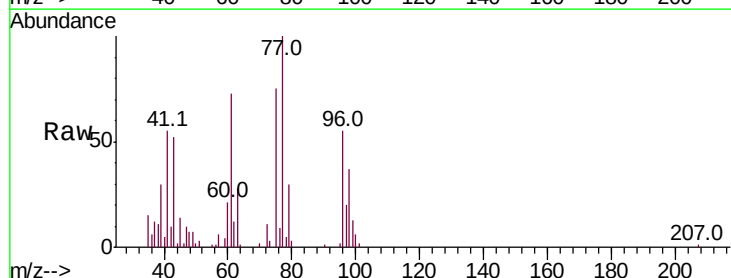
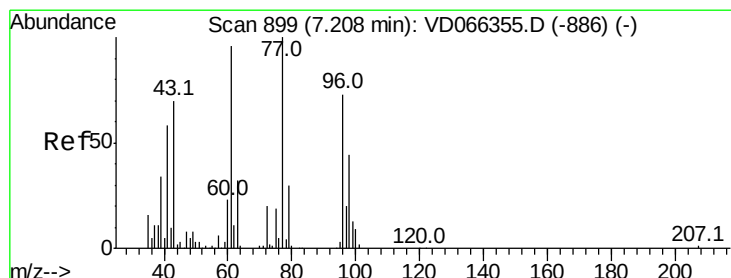
Acq: 24 Aug 2020 12:29

Tgt Ion: 77 Resp: 61252

Ion Ratio Lower Upper

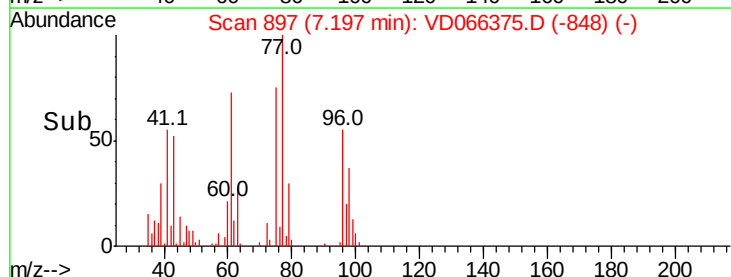
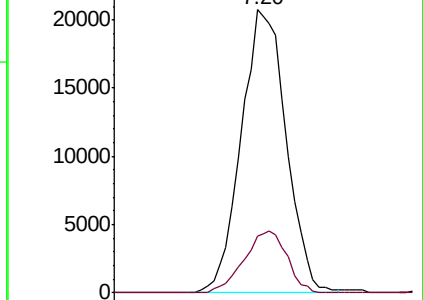
77 100

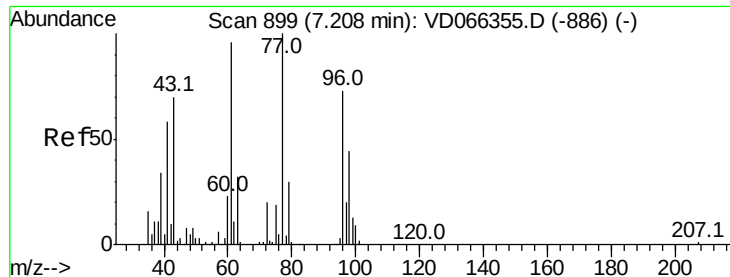
97 20.9 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 17.973 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

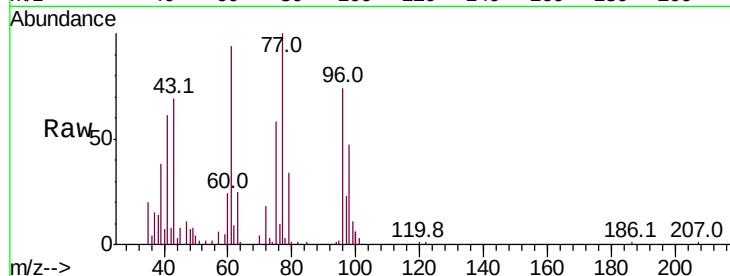
Tot Ion: 96 Resp: 37237

Ion Ratio Lower Upper

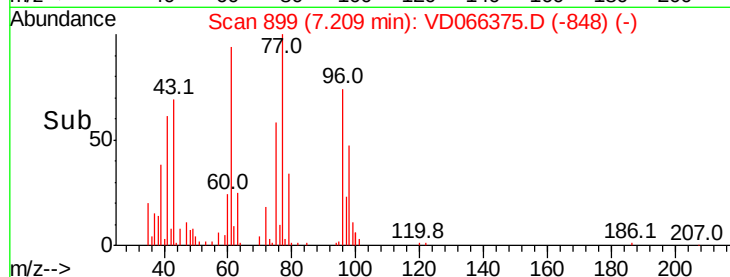
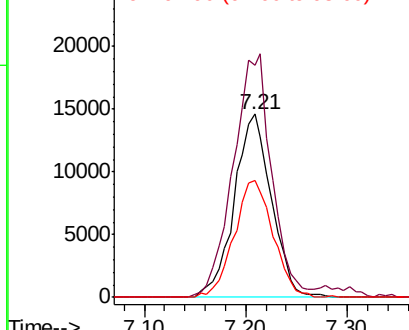
96 100

61 136.8 0.0 281.4

98 66.5 0.0 132.2



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



#28

Bromochloromethane

Concen: 17.771 ug/l

RT: 7.54 min Scan# 956

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

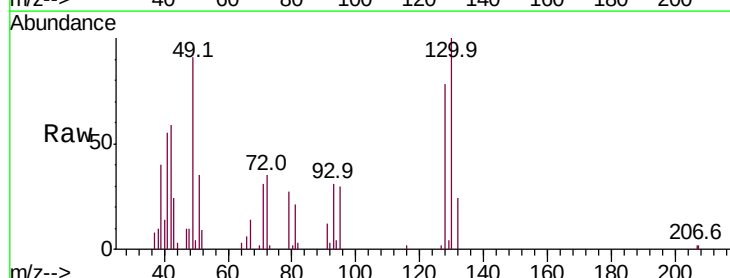
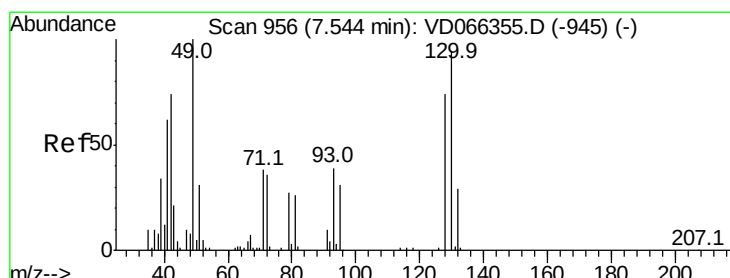
Tgt Ion: 49 Resp: 18569

Ion Ratio Lower Upper

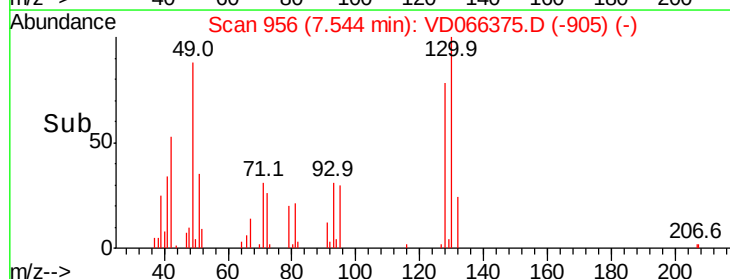
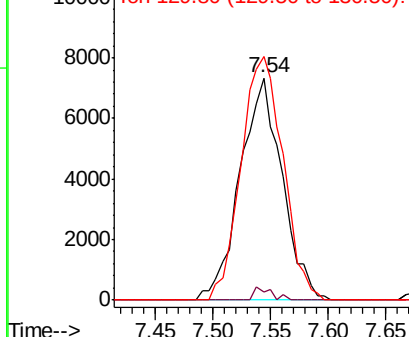
49 100

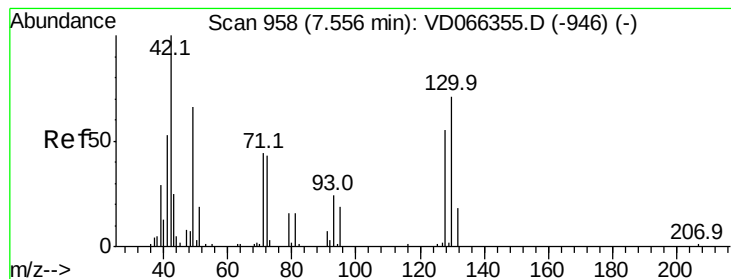
129 2.4 0.0 3.0

130 109.3 82.6 124.0



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 84.772 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

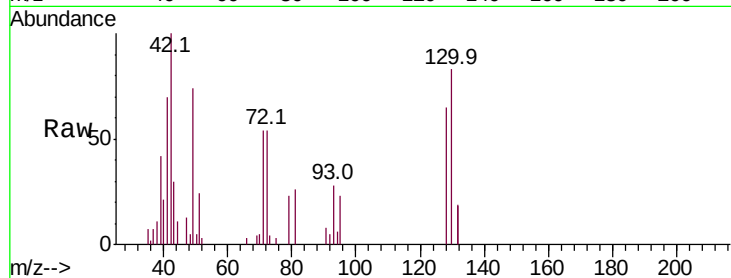
Tot Ion: 42 Resp: 19690

Ion Ratio Lower Upper

42 100

72 54.4 41.0 61.4

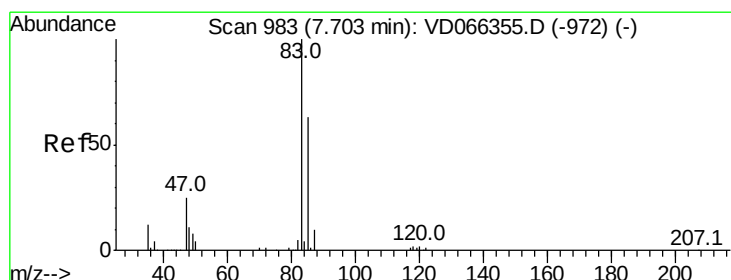
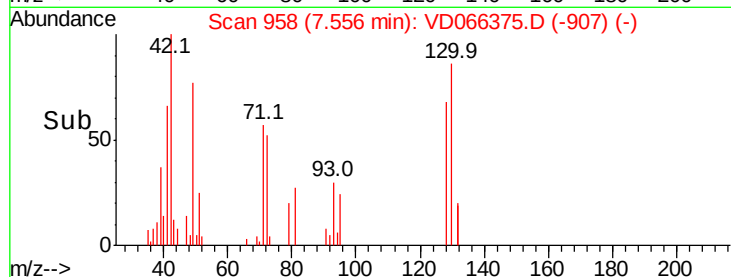
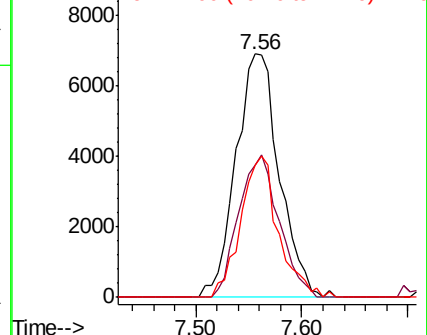
71 50.4 37.2 55.8



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: 18.472 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066375.D

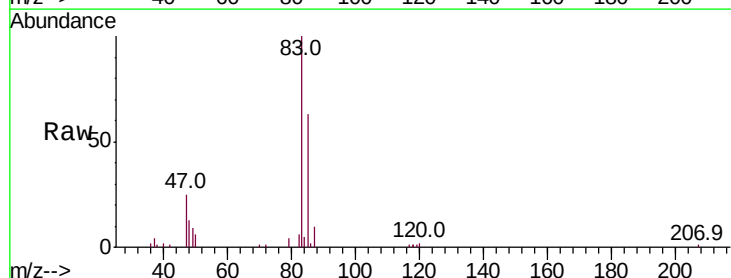
Acq: 24 Aug 2020 12:29

Tgt Ion: 83 Resp: 64831

Ion Ratio Lower Upper

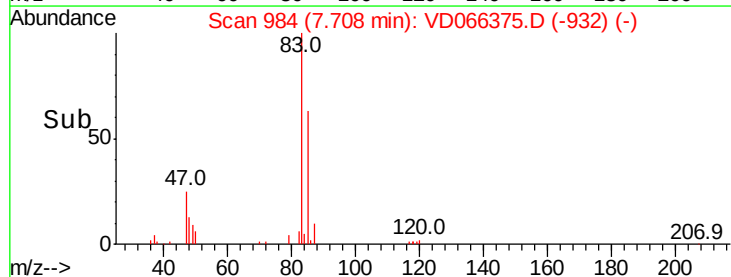
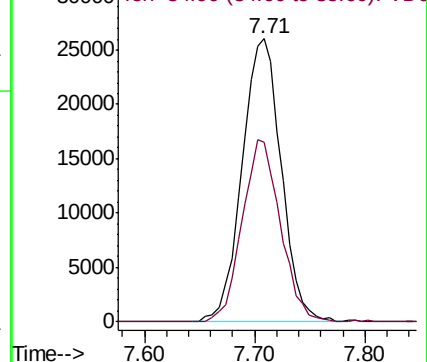
83 100

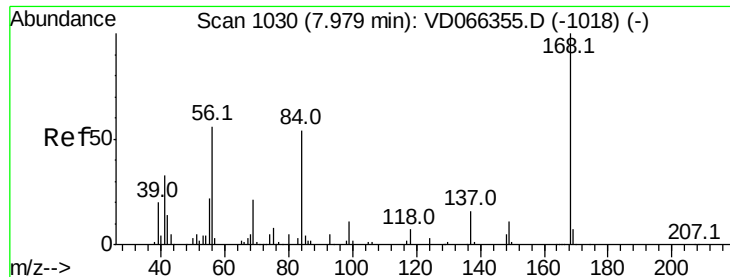
85 63.5 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

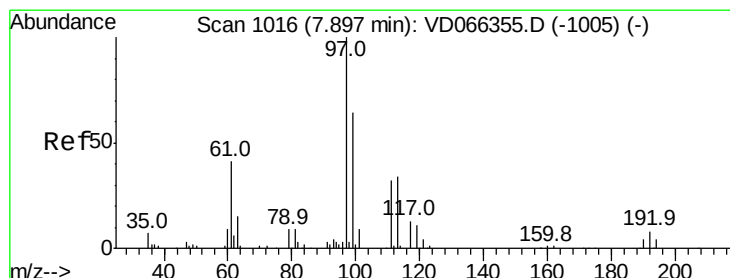
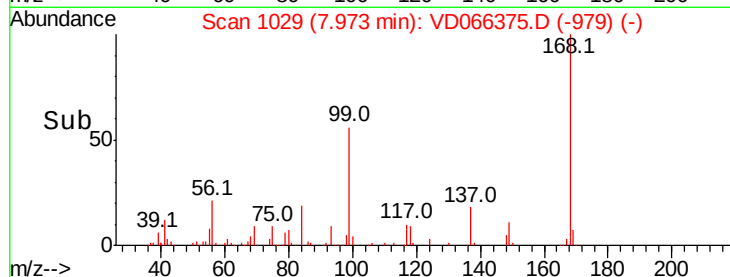
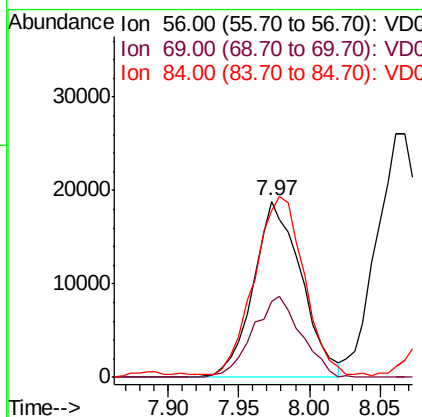
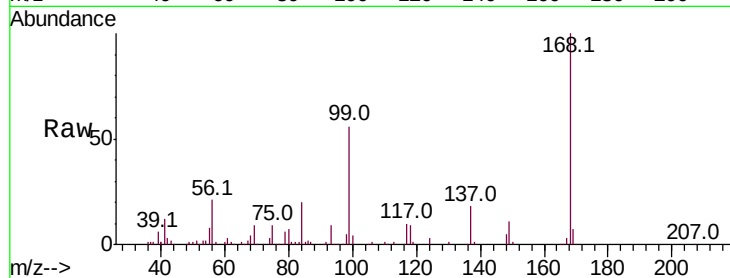




#31
Cyclohexane
Concen: 16.188 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

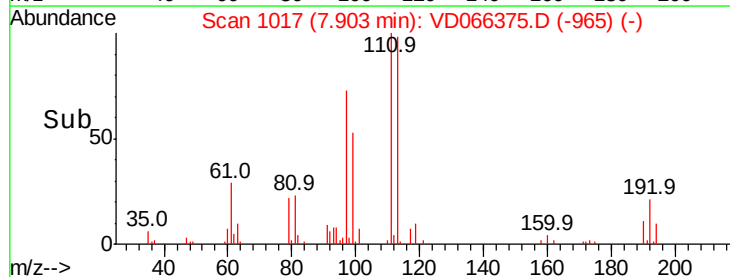
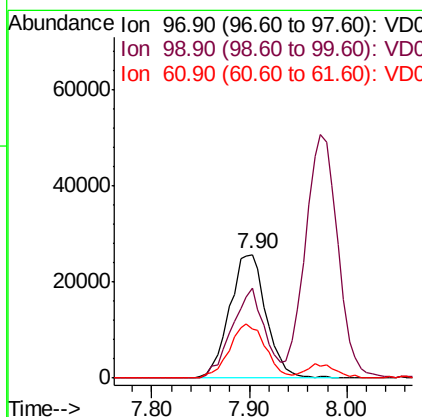
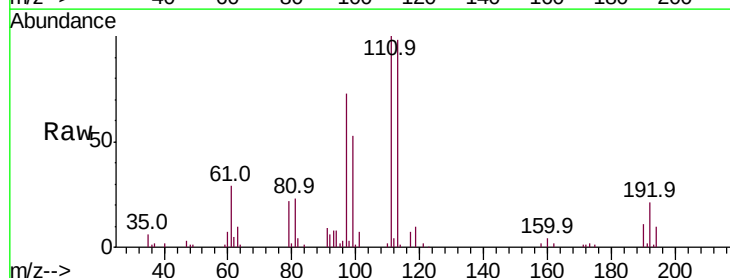
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

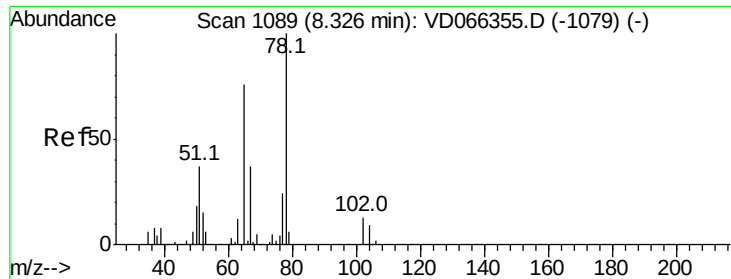
Tot Ion: 56 Resp: 44910
Ion Ratio Lower Upper
56 100
69 43.1 29.6 44.4
84 93.1 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 18.725 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion: 97 Resp: 67262
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 42.9 33.3 49.9

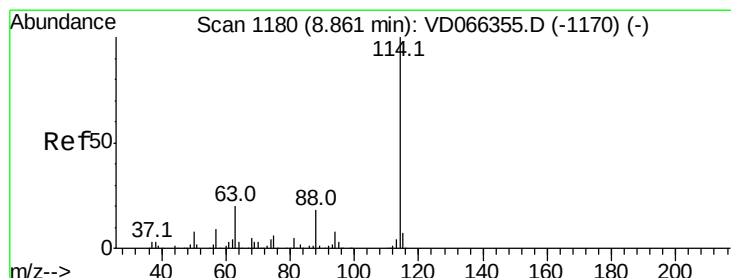
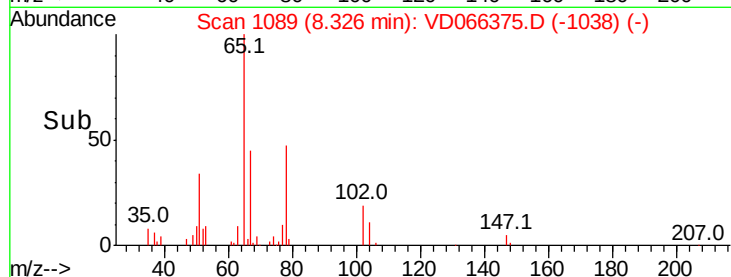
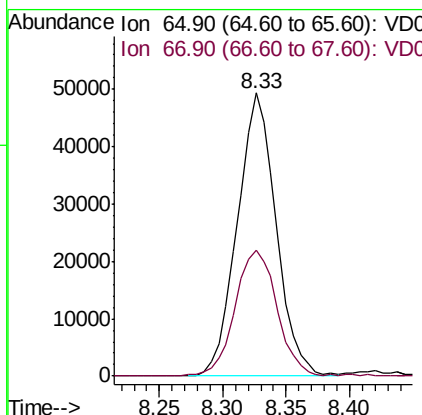
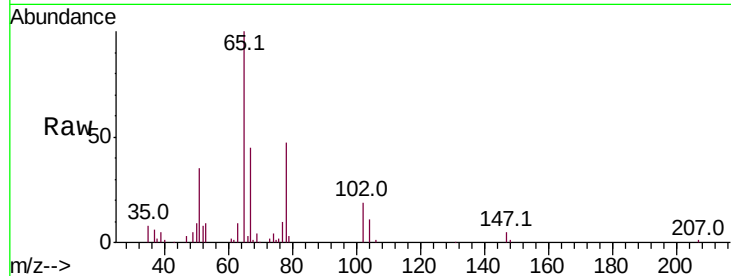




#33
 1,2-Dichloroethane-d4
 Concen: 52.520 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

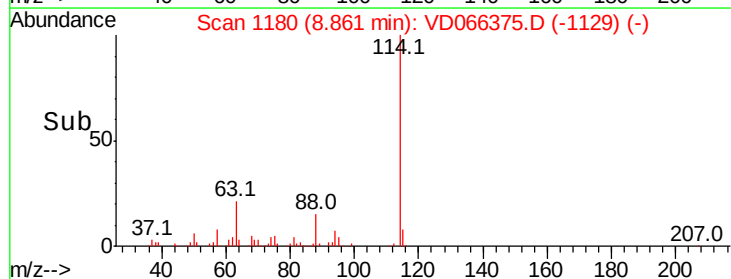
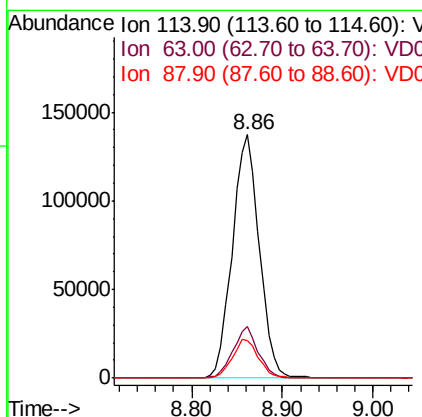
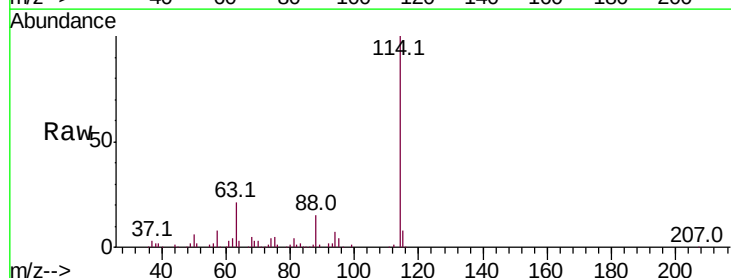
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

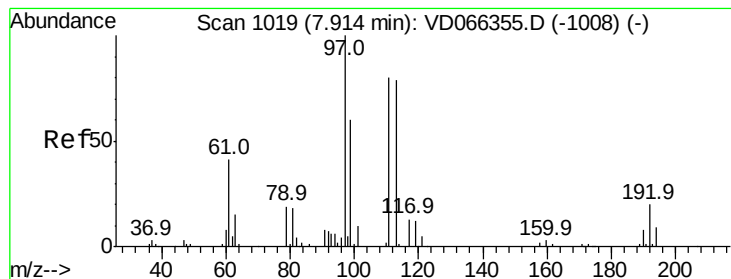
Tot Ion: 65 Resp: 104937
 Ion Ratio Lower Upper
 65 100
 67 48.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion: 114 Resp: 283687
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 15.4 0.0 35.4





#35

Dibromofluoromethane

Concen: 49.975 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

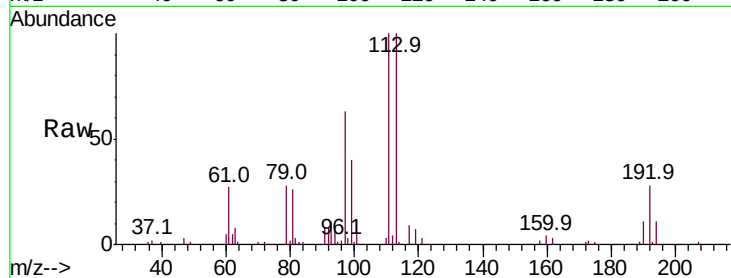
Tot Ion:113 Resp: 88651

Ion Ratio Lower Upper

113 100

111 103.7 80.3 120.5

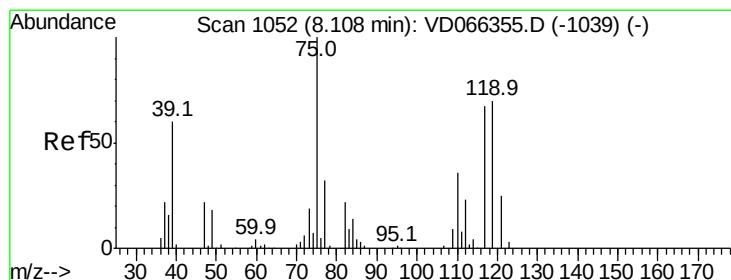
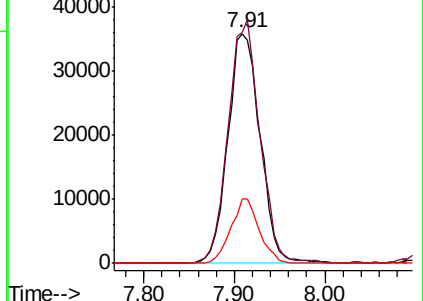
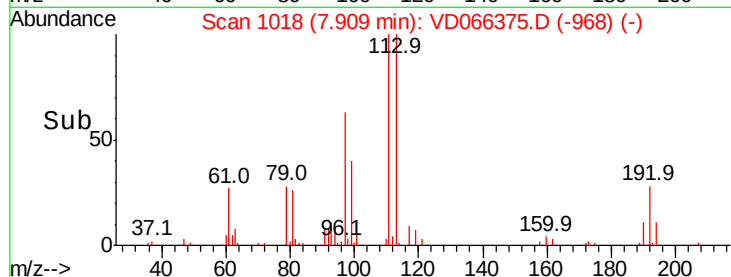
192 24.6 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.479 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

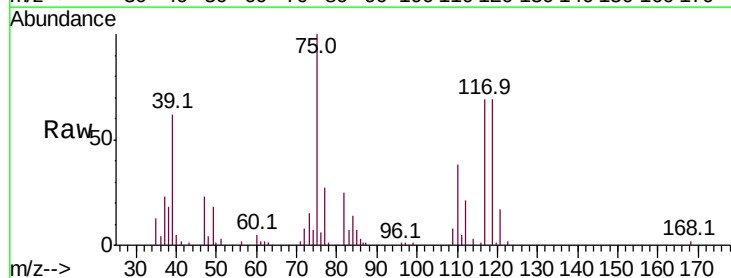
Tgt Ion: 75 Resp: 47832

Ion Ratio Lower Upper

75 100

110 37.0 18.7 56.1

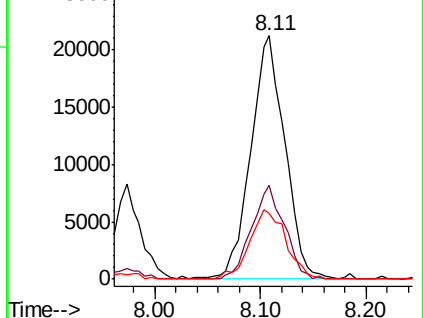
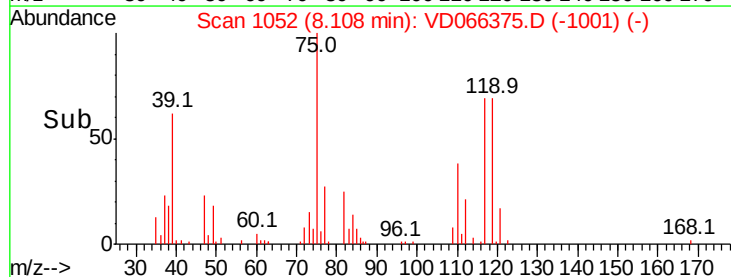
77 30.5 25.2 37.8

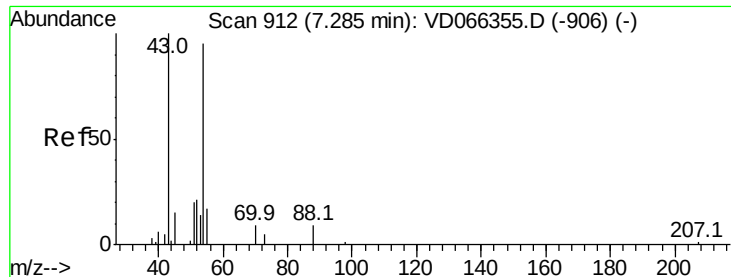


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

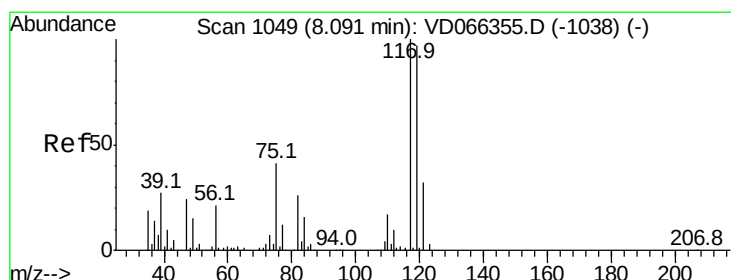
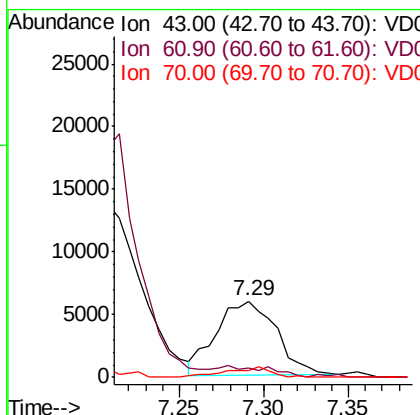
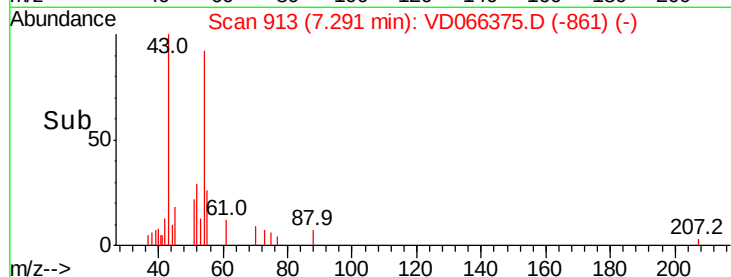
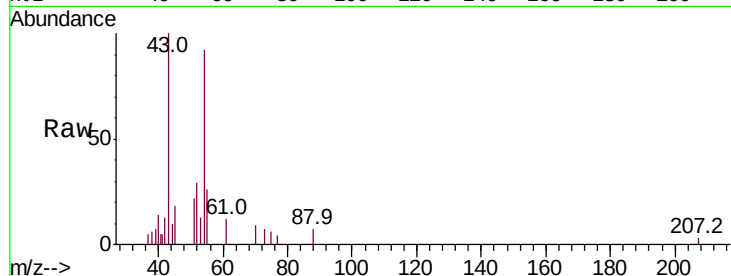




#37
Ethyl Acetate
Concen: 16.755 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

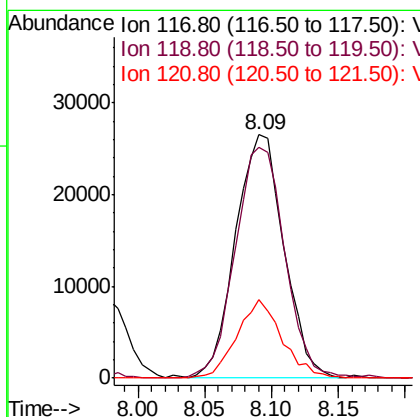
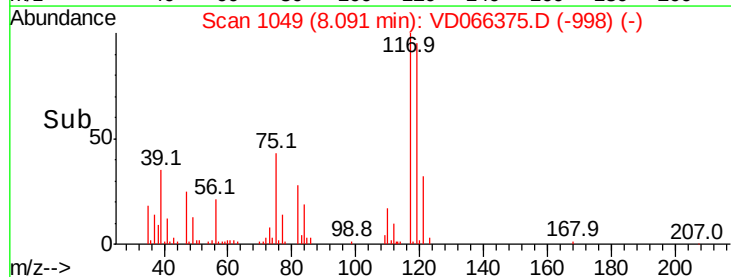
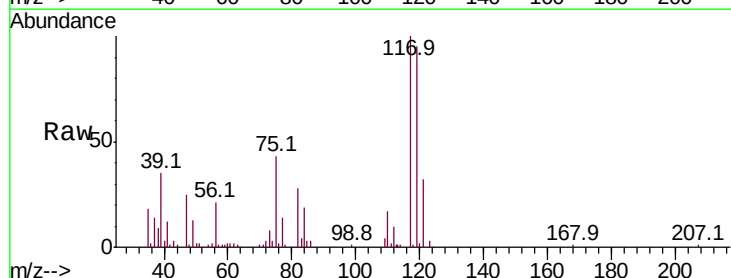
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

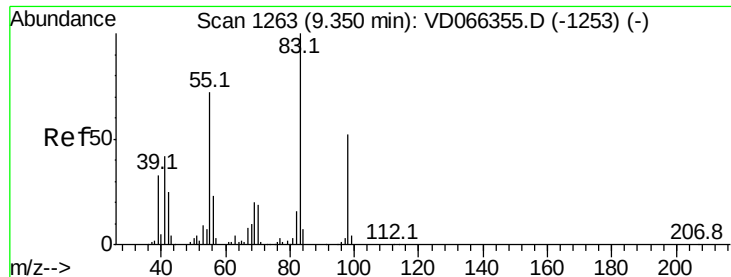
Tot Ion: 43 Resp: 14751
Ion Ratio Lower Upper
43 100
61 13.3 13.3 19.9#
70 10.3 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 19.826 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion: 117 Resp: 66859
Ion Ratio Lower Upper
117 100
119 94.4 77.2 115.8
121 32.2 25.8 38.8

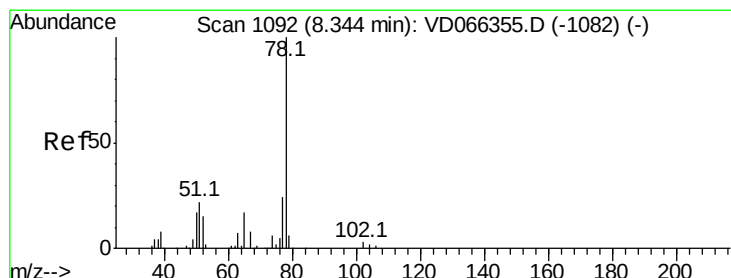
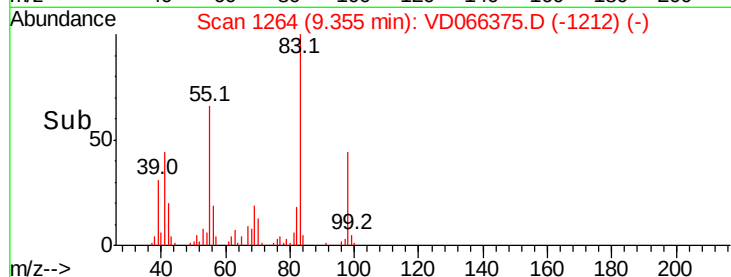
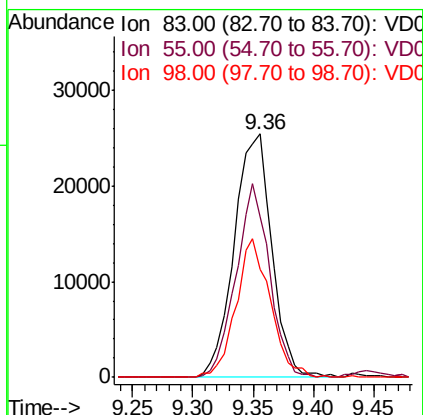
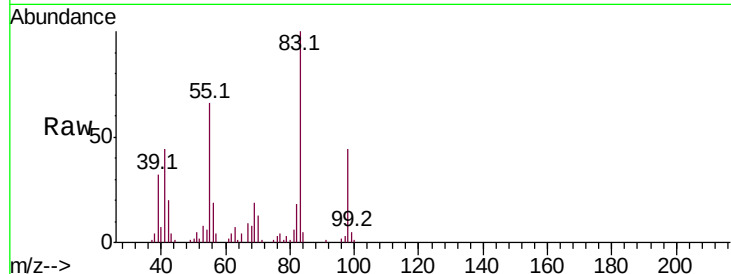




#39
Methylvlcyclohexane
Concen: 18.182 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

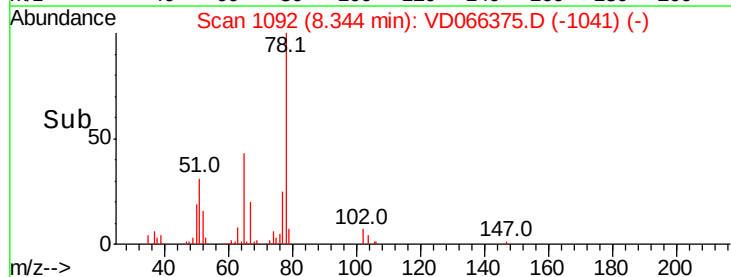
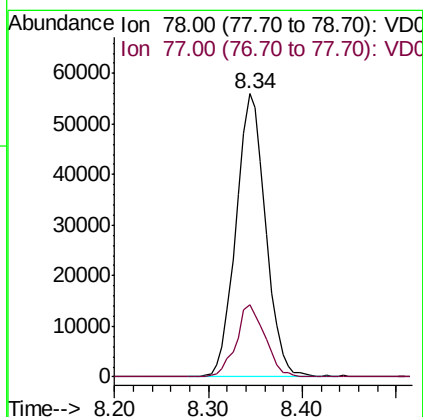
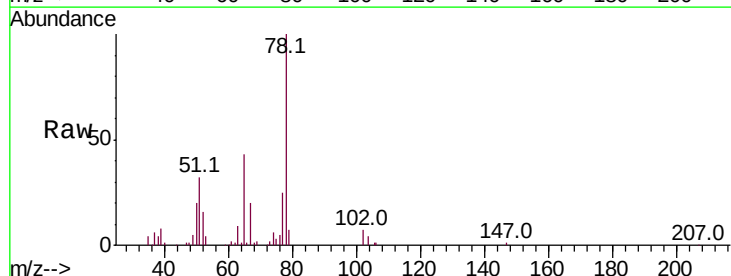
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

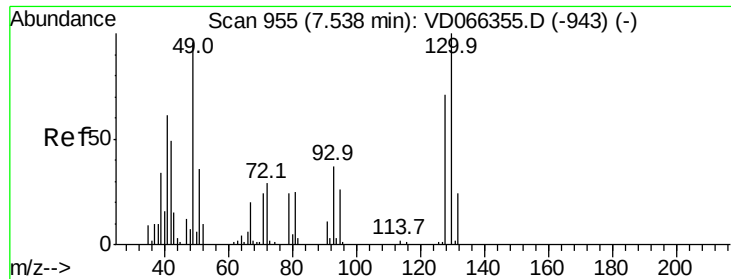
Tot Ion: 83 Resp: 55441
Ion Ratio Lower Upper
83 100
55 65.9 58.0 87.0
98 44.4 41.9 62.9



#40
Benzene
Concen: 17.999 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion: 78 Resp: 122560
Ion Ratio Lower Upper
78 100
77 25.4 18.8 28.2

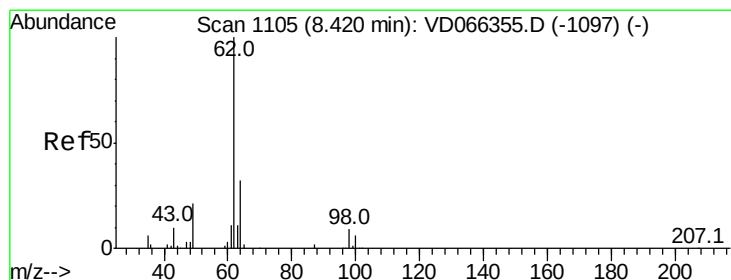
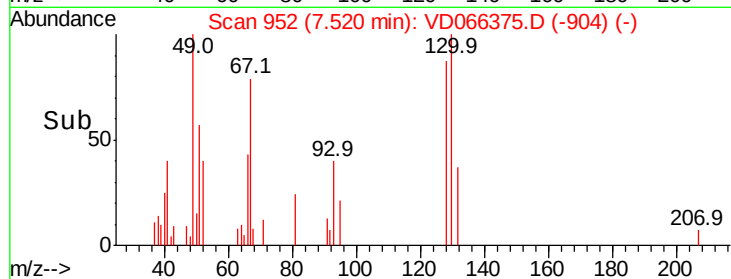
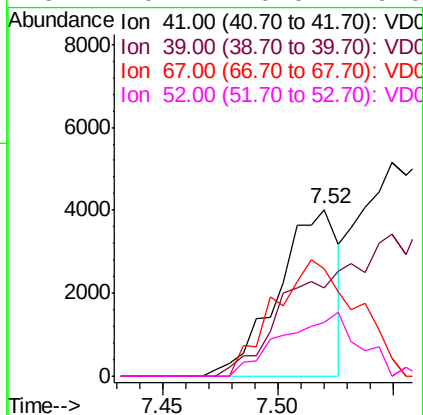
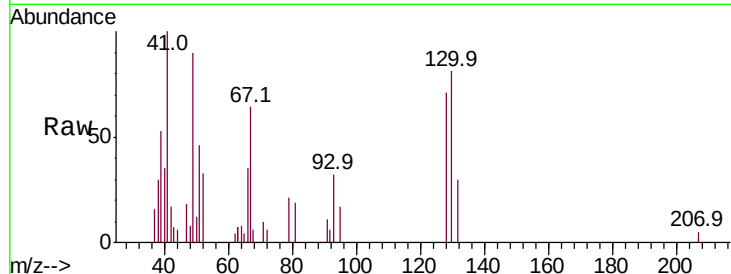




#41
Methacrylonitrile
Concen: 13.380 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

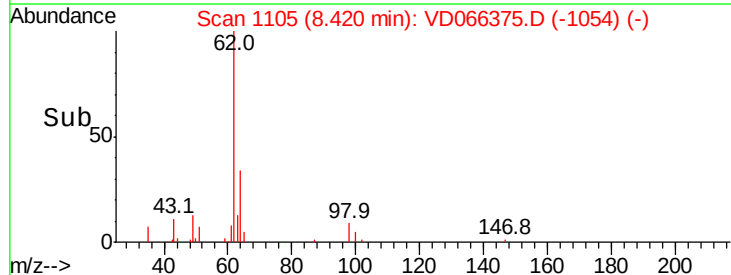
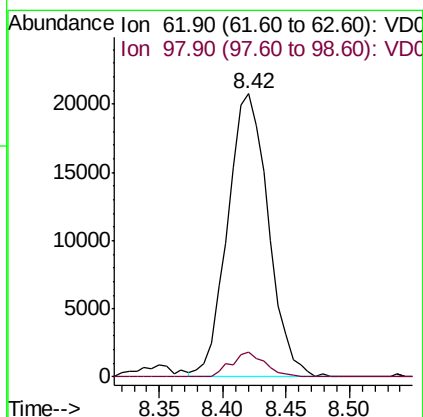
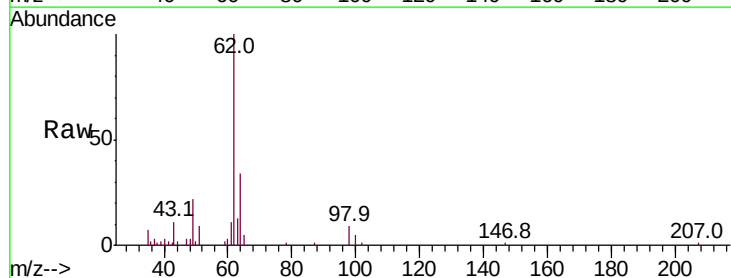
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

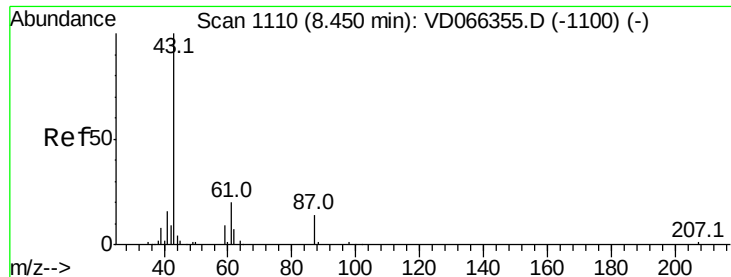
Tot Ion: 41 Resp: 7264
Ion Ratio Lower Upper
41 100
39 0.0 51.8 77.8#
67 95.4 0.0 0.0#
52 49.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.267 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion: 62 Resp: 46209
Ion Ratio Lower Upper
62 100
98 7.3 0.0 16.2





#43

Isopropyl Acetate

Concen: 17.171 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

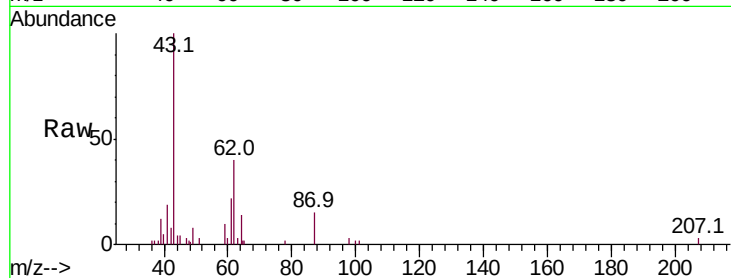
Tot Ion: 43 Resp: 30341

Ion Ratio Lower Upper

43 100

61 35.1 26.5 39.7

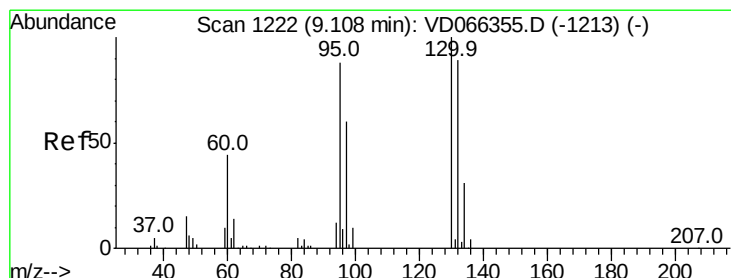
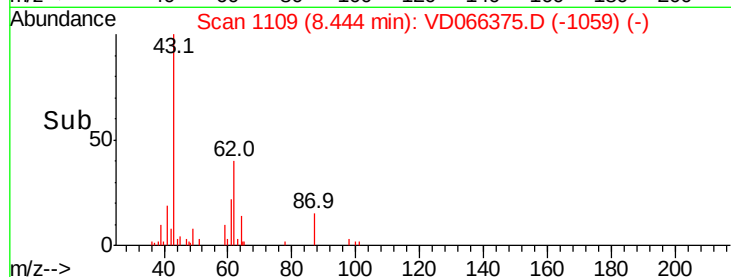
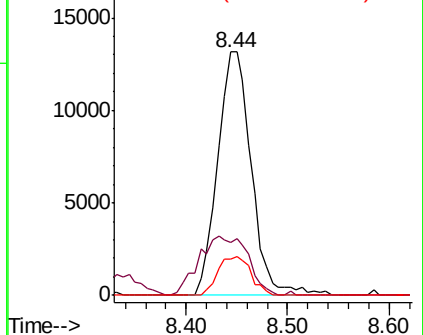
87 15.5 11.9 17.9



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: 18.539 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066375.D

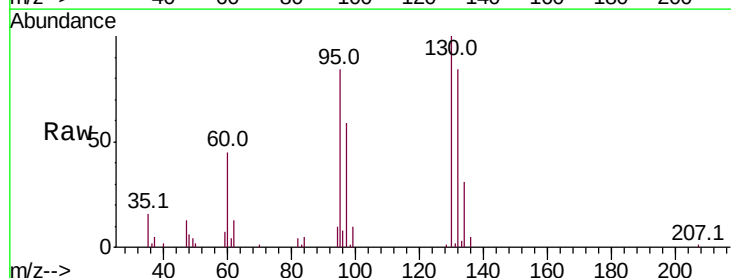
Acq: 24 Aug 2020 12:29

Tgt Ion:130 Resp: 41020

Ion Ratio Lower Upper

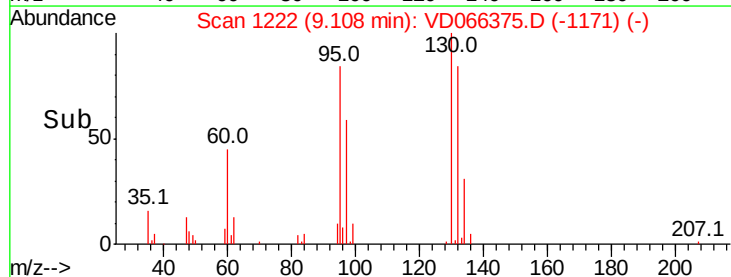
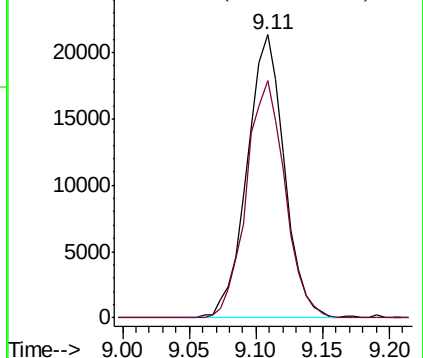
130 100

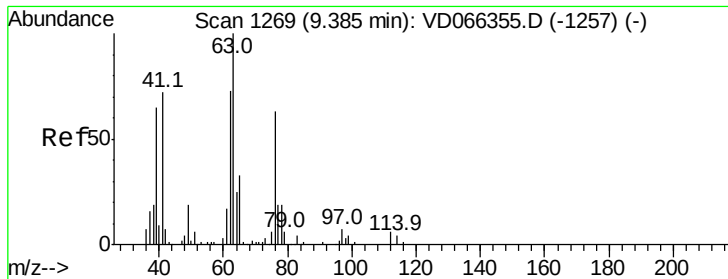
95 83.9 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 18.347 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

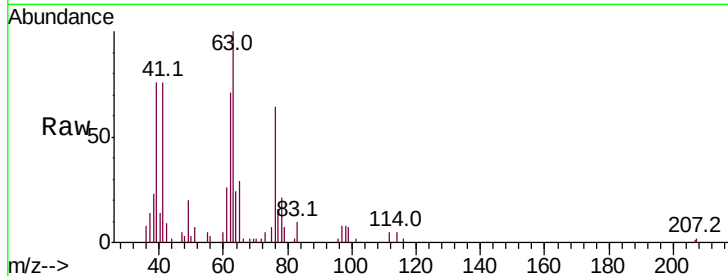
VD0824SBSD01

Tot Ion: 63 Resp: 28323

Ion Ratio Lower Upper

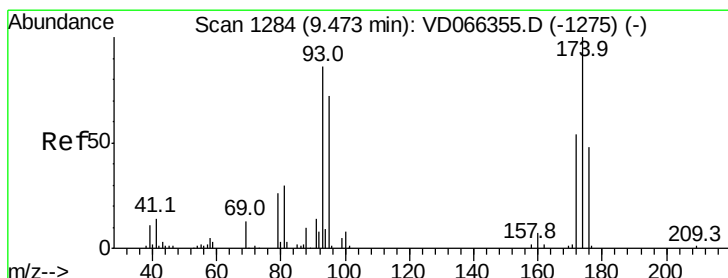
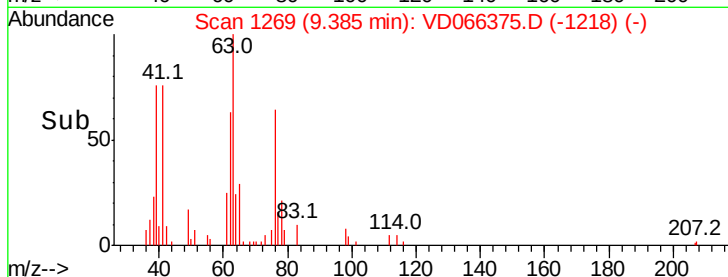
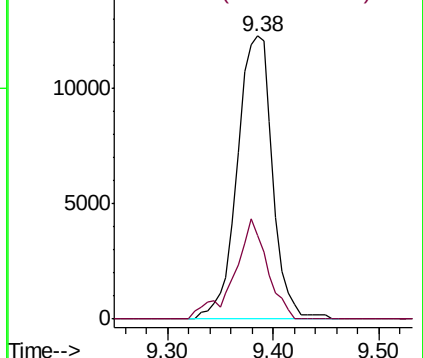
63 100

65 29.4 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 18.887 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

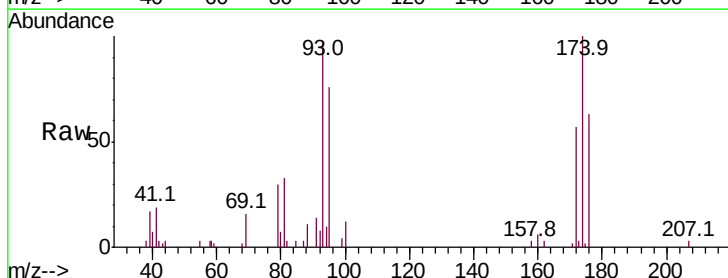
Tgt Ion: 93 Resp: 18153

Ion Ratio Lower Upper

93 100

95 81.4 66.0 99.0

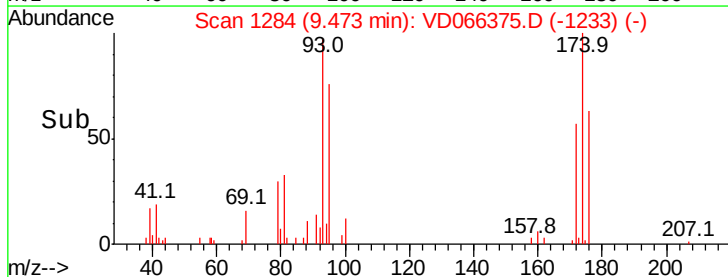
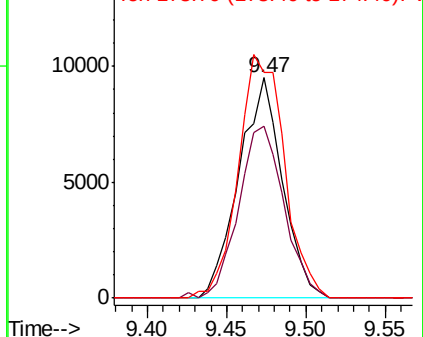
174 116.8 94.6 141.8

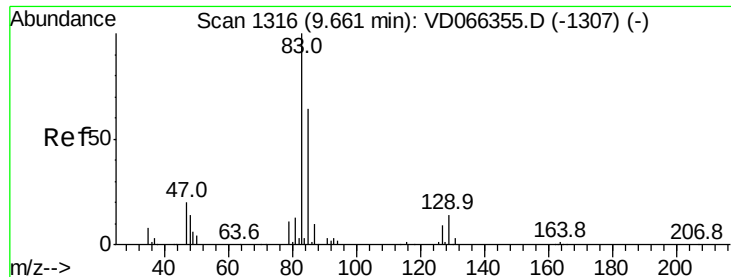


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.099 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

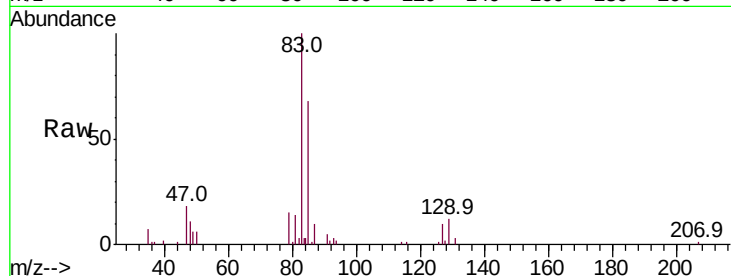
Tot Ion: 83 Resp: 50483

Ion Ratio Lower Upper

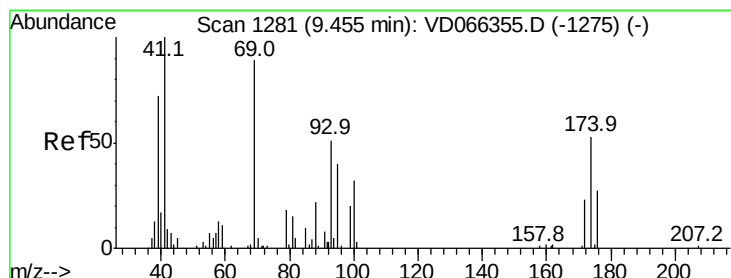
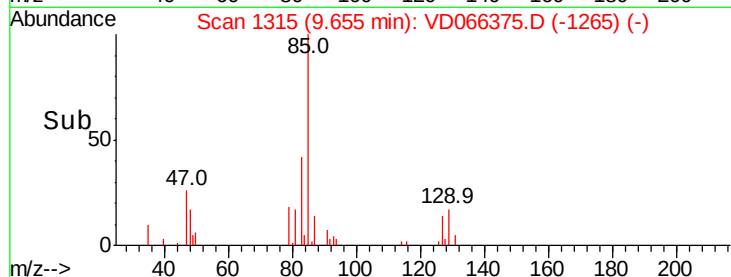
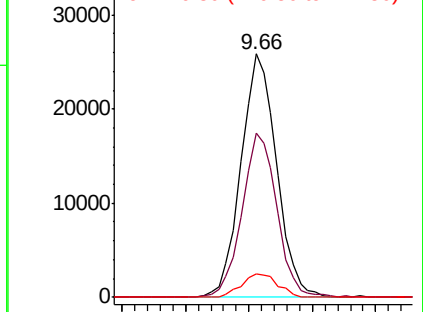
83 100

85 67.7 51.4 77.0

127 9.5 7.4 11.0



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



#48

Methyl methacrylate

Concen: 17.319 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

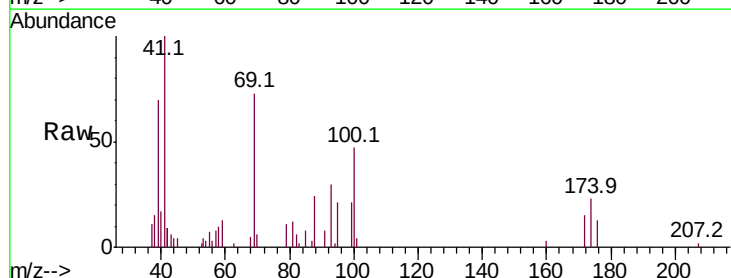
Tgt Ion: 41 Resp: 15781

Ion Ratio Lower Upper

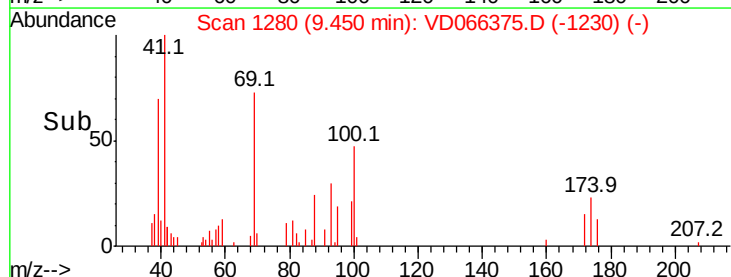
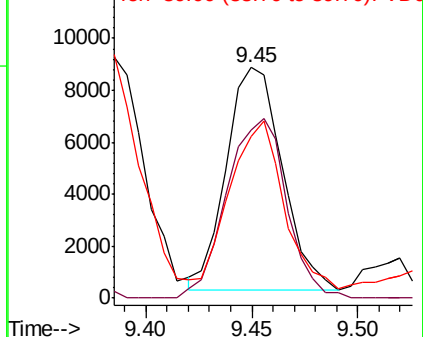
41 100

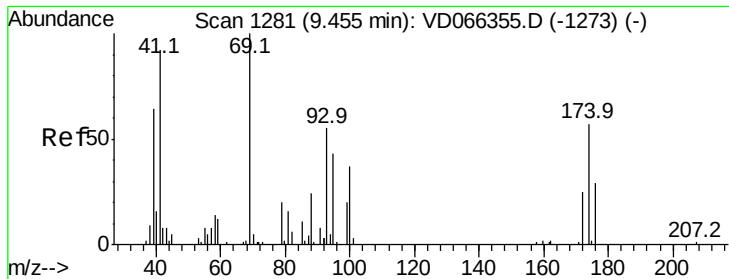
69 86.0 75.5 113.3

39 83.0 57.0 85.4



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: 370.410 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

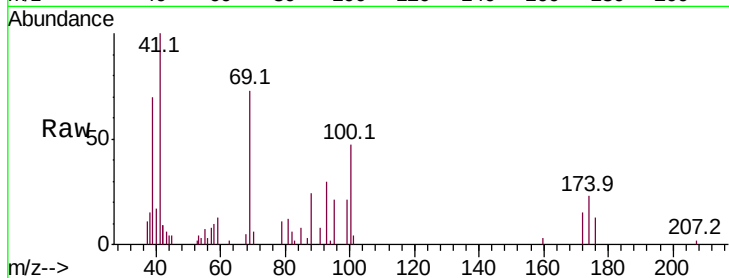
Tot Ion: 88 Resp: 4134

Ion Ratio Lower Upper

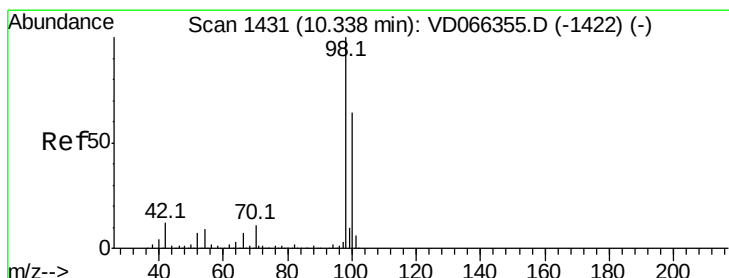
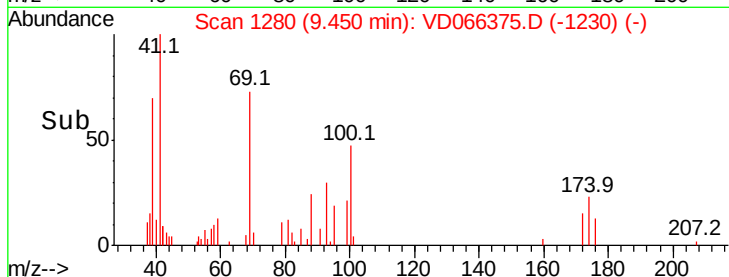
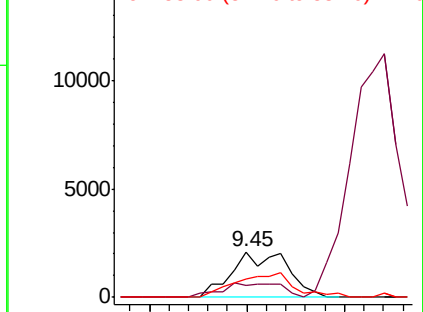
88 100

43 33.3 29.4 44.0

58 0.0 45.4 68.2#



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: 51.829 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066375.D

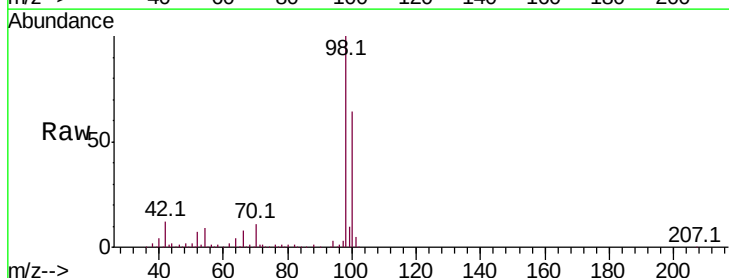
Acq: 24 Aug 2020 12:29

Tgt Ion: 98 Resp: 336400

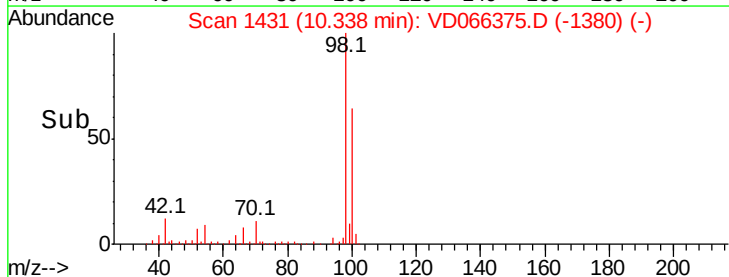
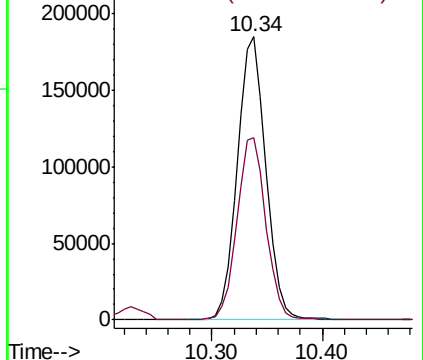
Ion Ratio Lower Upper

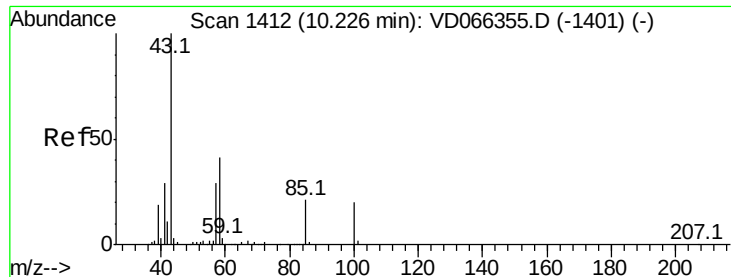
98 100

100 65.2 53.0 79.4



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: 87.789 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

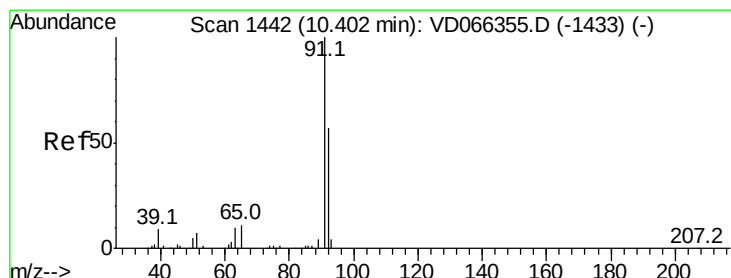
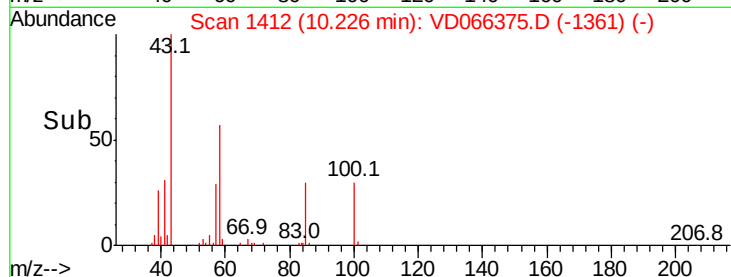
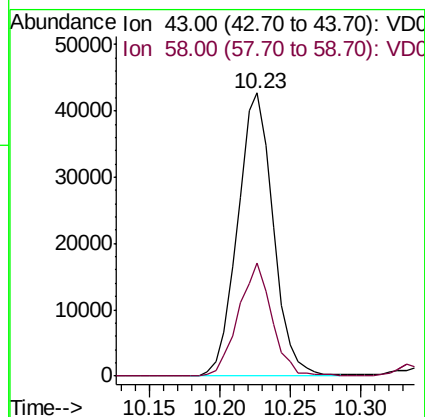
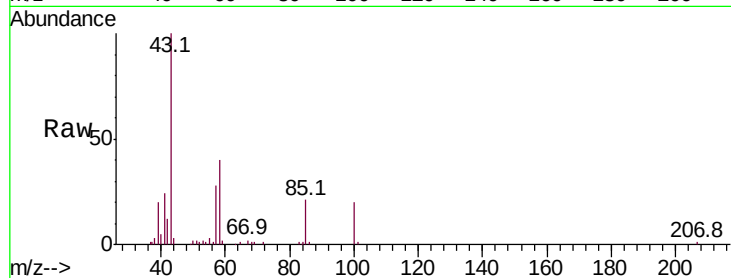
VD0824SBSD01

Tot Ion: 43 Resp: 75044

Ion Ratio Lower Upper

43 100

58 38.0 31.4 47.2



#52

Toluene

Concen: 18.975 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066375.D

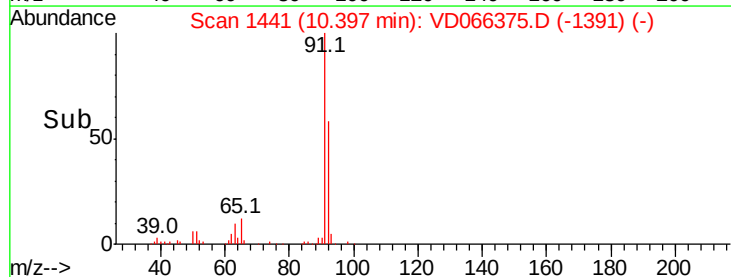
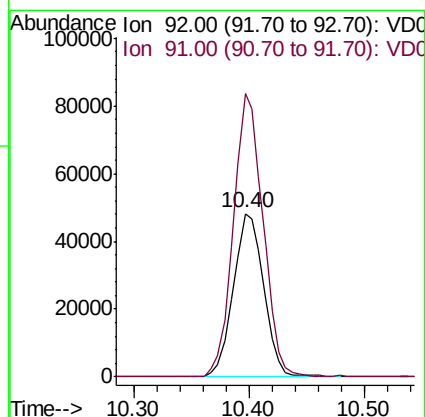
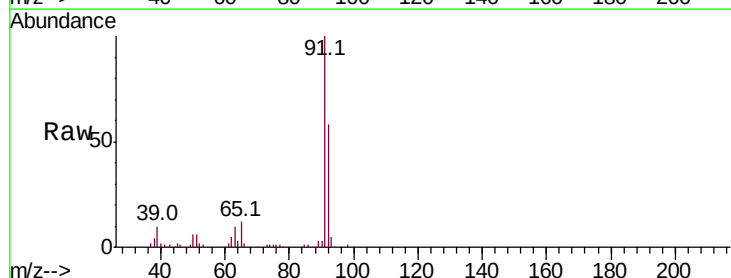
Acq: 24 Aug 2020 12:29

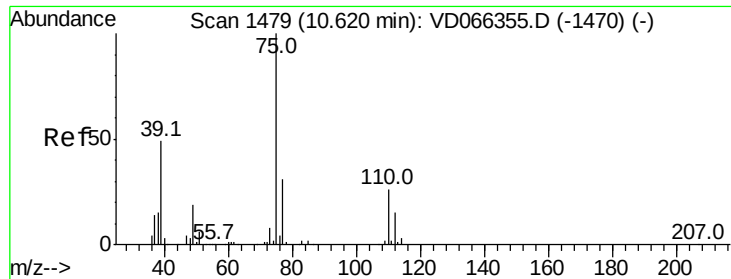
Tgt Ion: 92 Resp: 87538

Ion Ratio Lower Upper

92 100

91 169.6 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 18.394 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

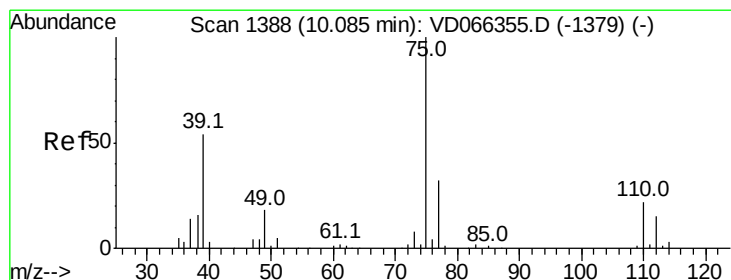
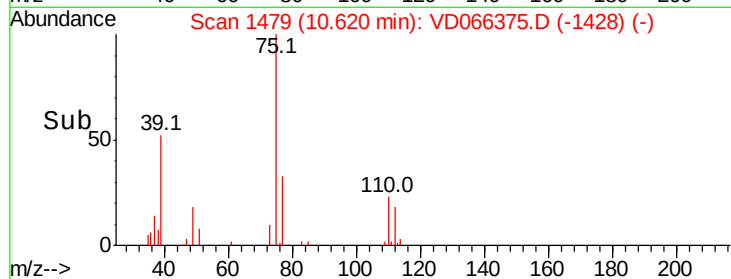
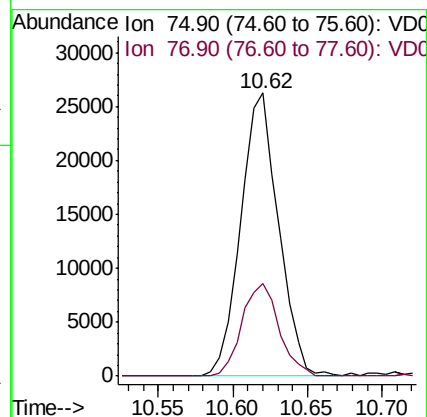
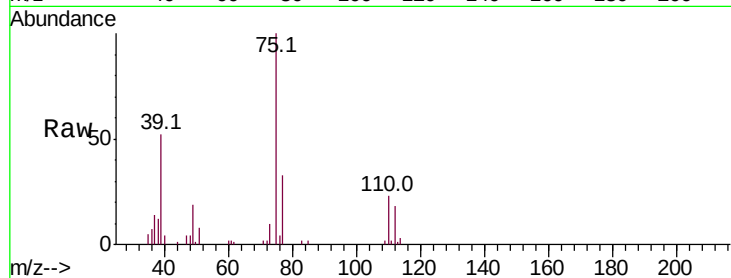
VD0824SBSD01

Tot Ion: 75 Resp: 46135

Ion Ratio Lower Upper

75 100

77 33.0 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 17.984 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

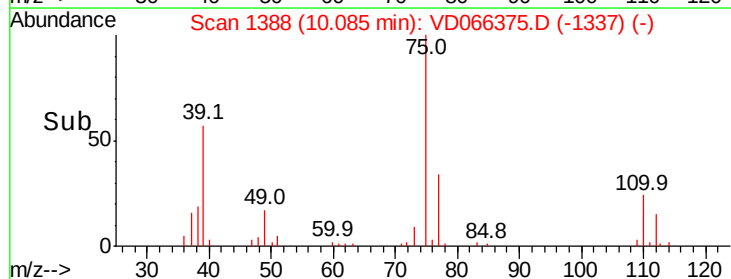
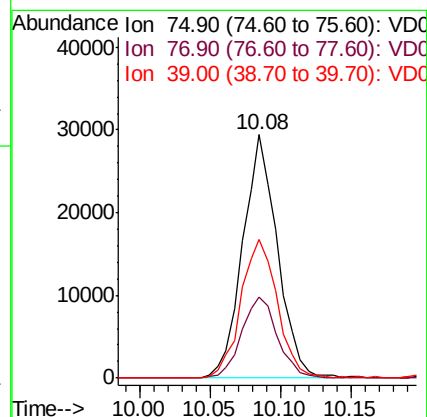
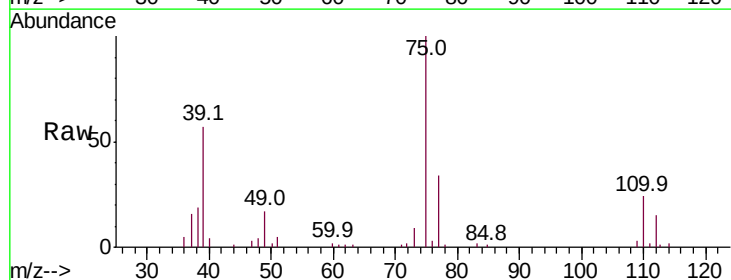
Tgt Ion: 75 Resp: 50630

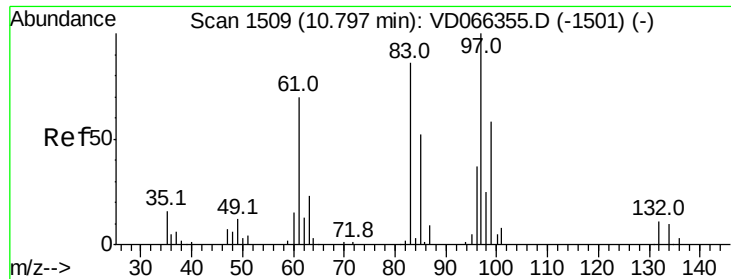
Ion Ratio Lower Upper

75 100

77 33.5 25.6 38.4

39 57.1 43.4 65.0

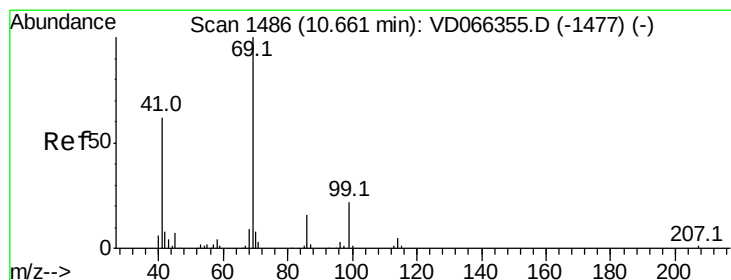
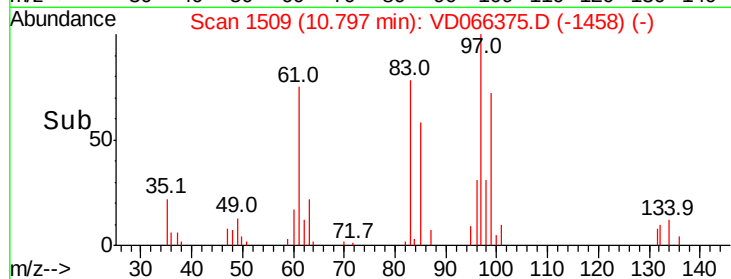
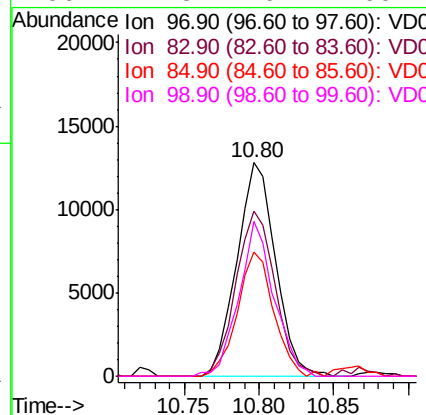
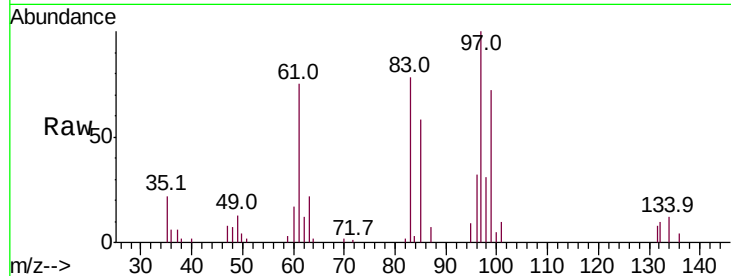




#55
 1,1,2-Trichloroethane
 Concen: 17.718 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

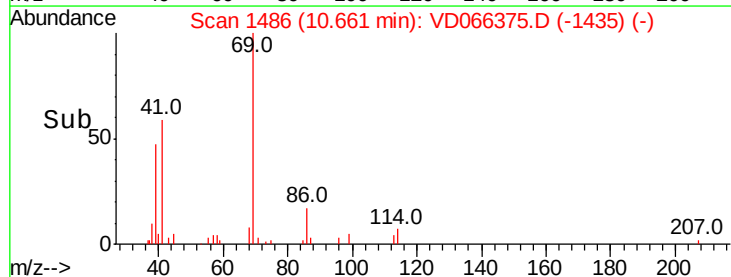
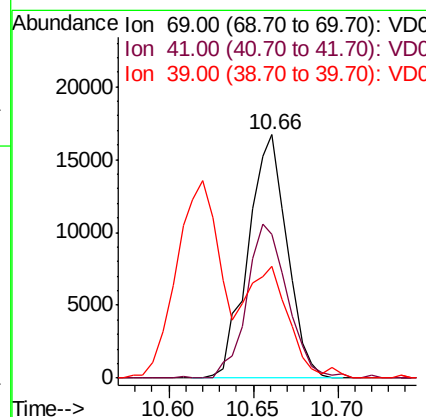
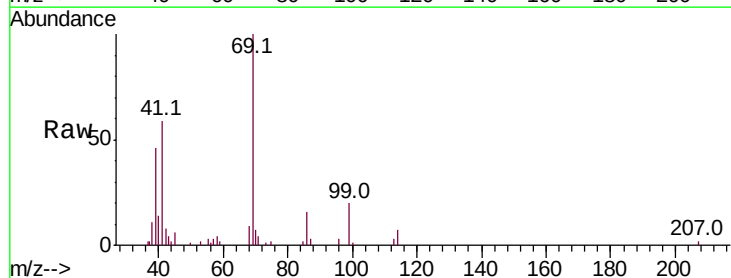
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

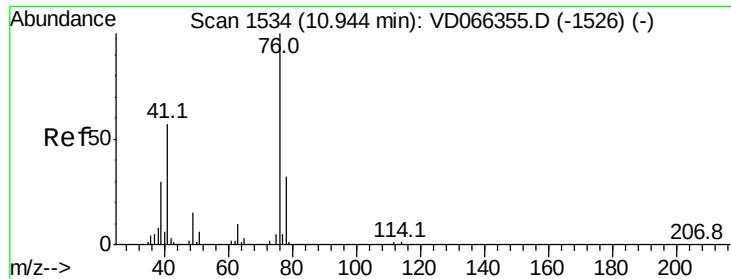
Tot Ion	Ratio	Lower	Upper
97	100		
83	77.5	68.4	102.6
85	58.2	41.3	61.9
99	72.3	46.1	69.1#



#56
 Ethyl methacrylate
 Concen: 17.846 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	50.8	76.2
39	50.8	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 17.879 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

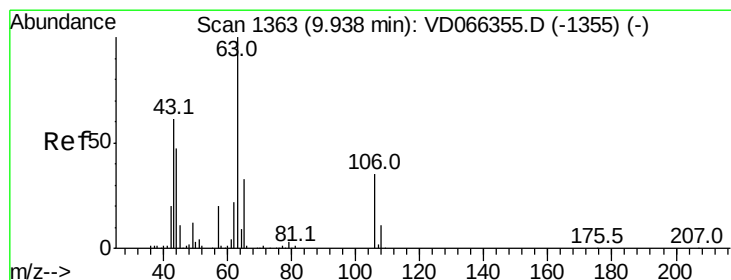
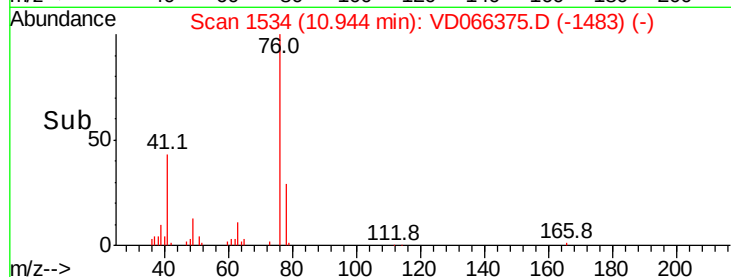
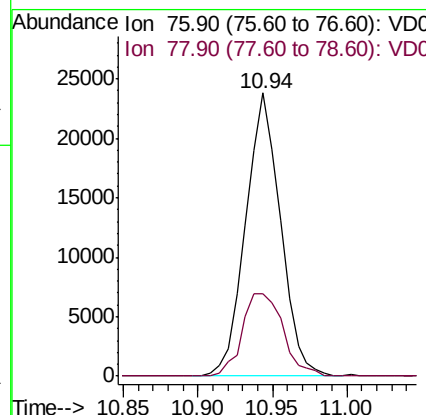
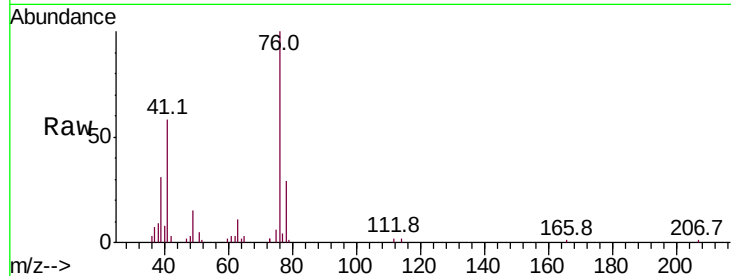
Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

Tot Ion: 76 Resp: 38481

Ion	Ratio	Lower	Upper
76	100		
78	34.1	25.6	38.4



#58

2-Chloroethyl Vinyl ether

Concen: 100.243 ug/l

RT: 9.94 min Scan# 1363

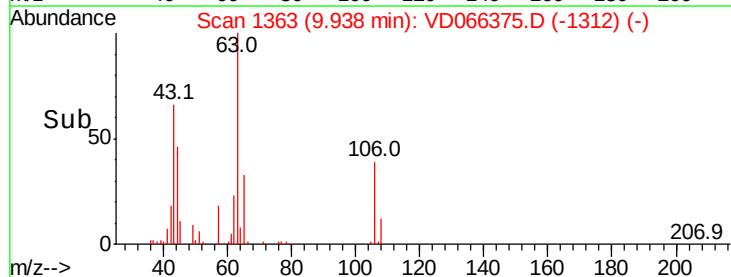
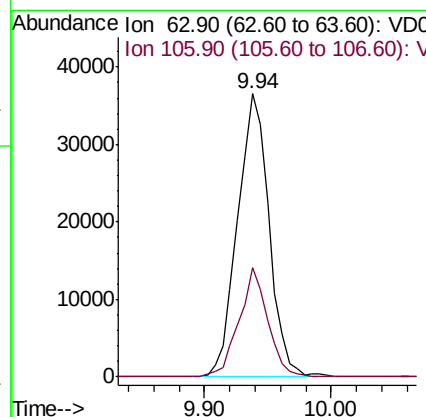
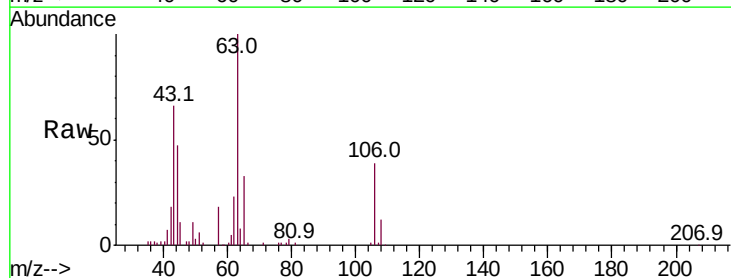
Delta R.T. 0.00 min

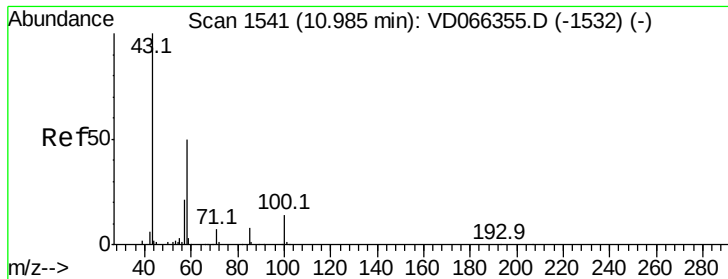
Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Tgt Ion: 63 Resp: 62712

Ion	Ratio	Lower	Upper
63	100		
106	35.1	27.1	40.7

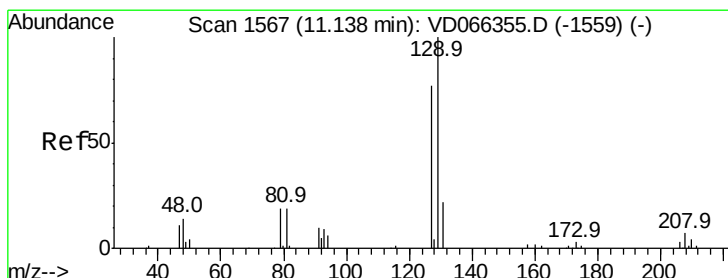
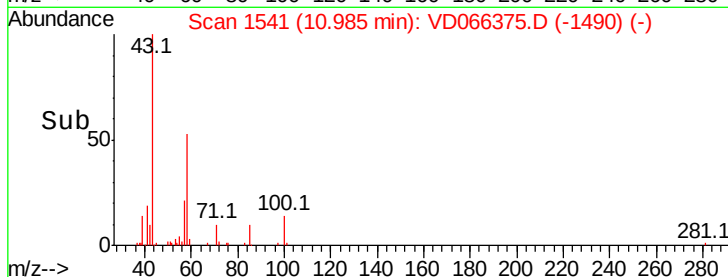
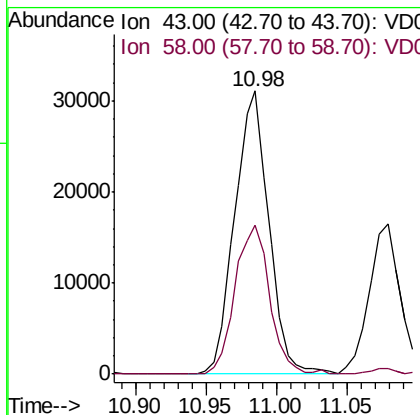
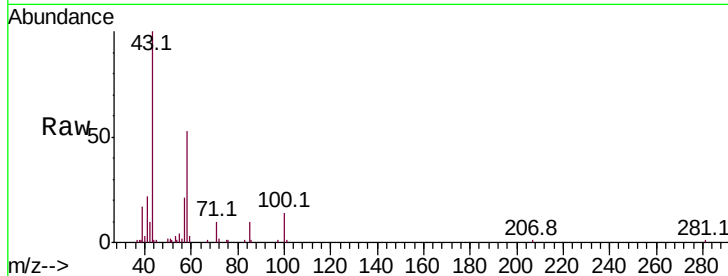




#59
2-Hexanone
Concen: 87.015 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

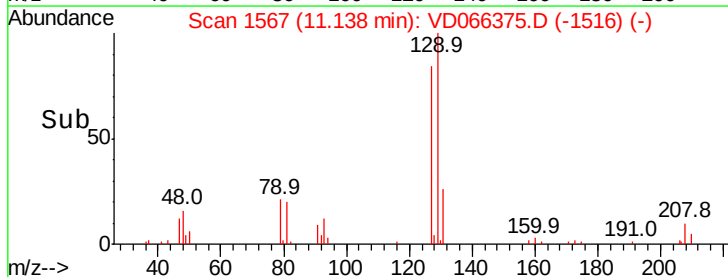
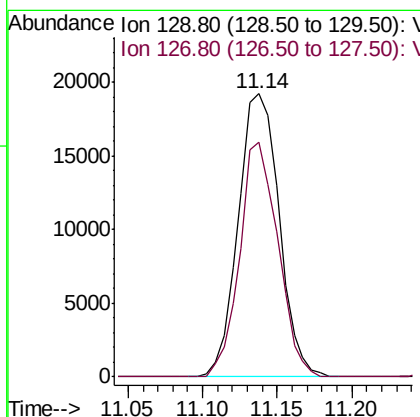
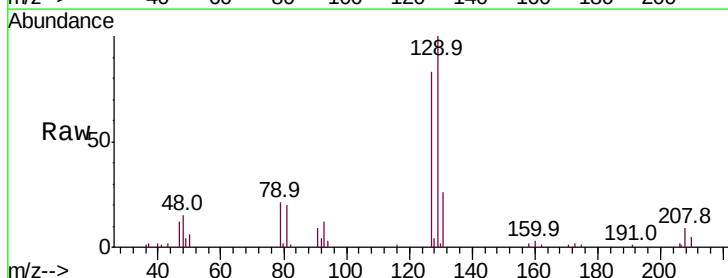
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

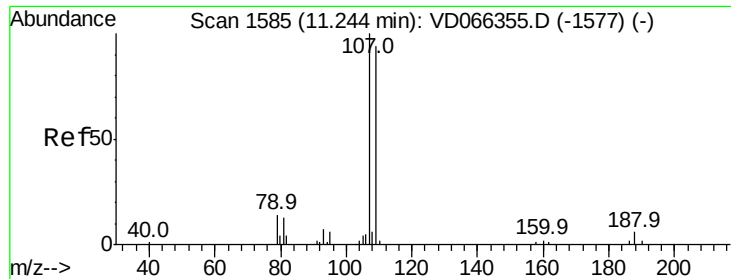
Tot Ion: 43 Resp: 52467
Ion Ratio Lower Upper
43 100
58 53.5 26.3 78.8



#60
Dibromochloromethane
Concen: 18.665 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion: 129 Resp: 36609
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

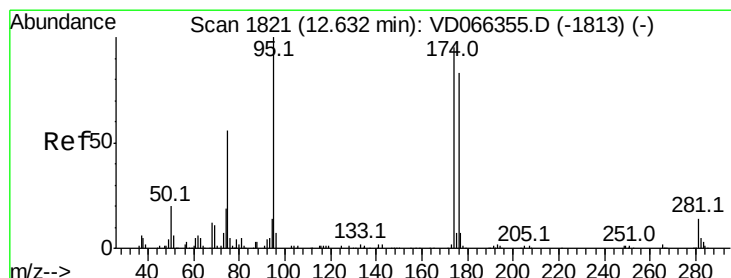
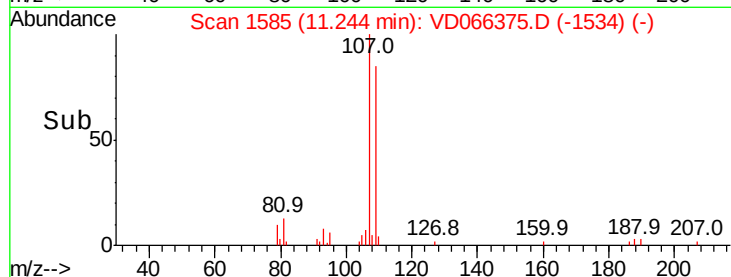
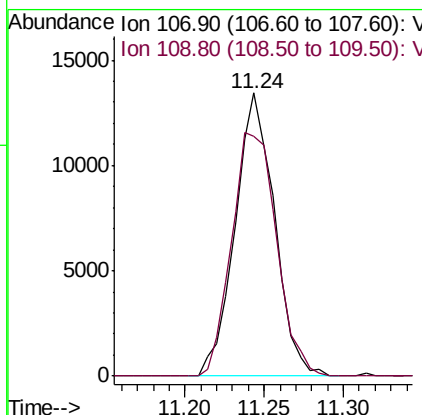
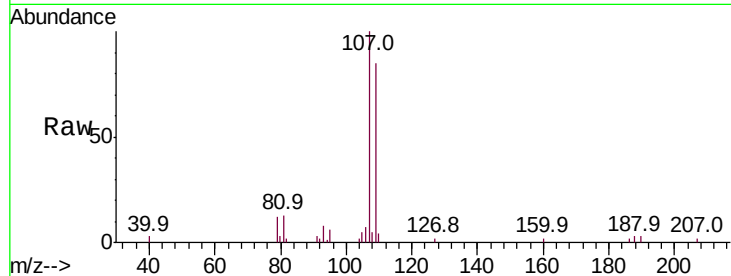




#61
 1,2-Dibromoethane
 Concen: 18.090 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

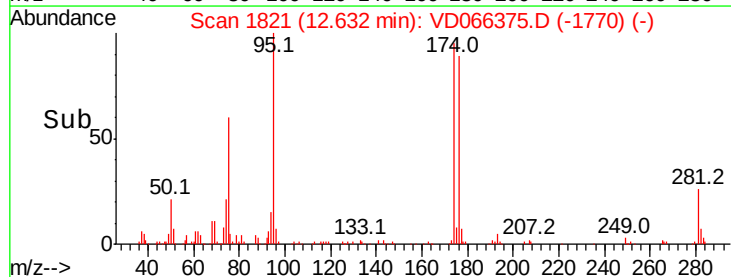
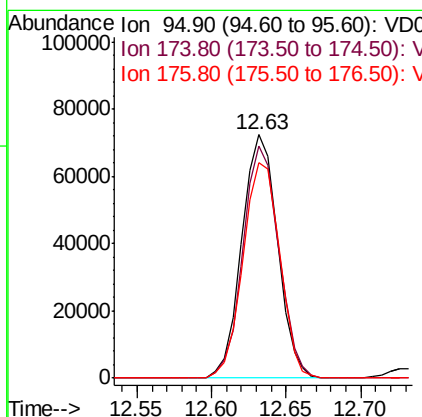
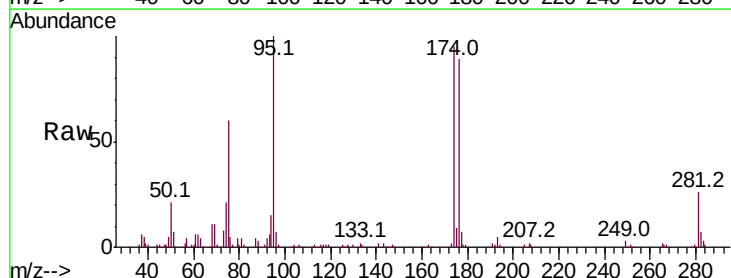
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

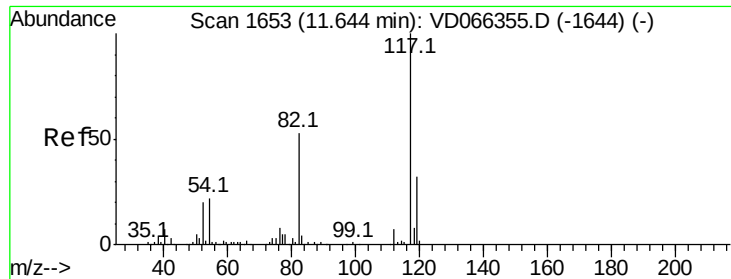
Tot Ion:107 Resp: 23164
 Ion Ratio Lower Upper
 107 100
 109 98.3 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 52.217 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion: 95 Resp: 120263
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 183.4
 176 90.9 0.0 173.8

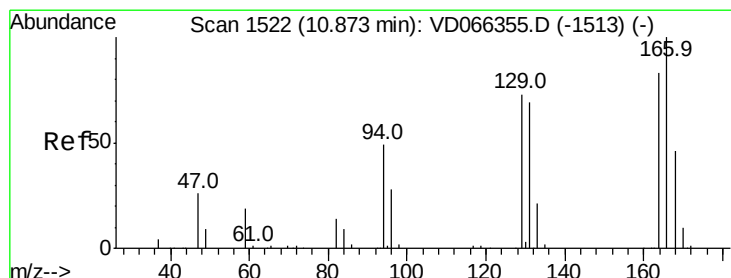
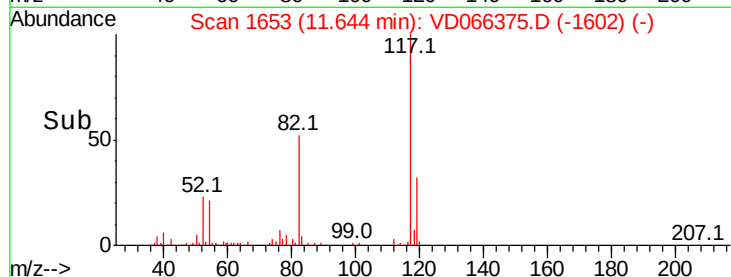
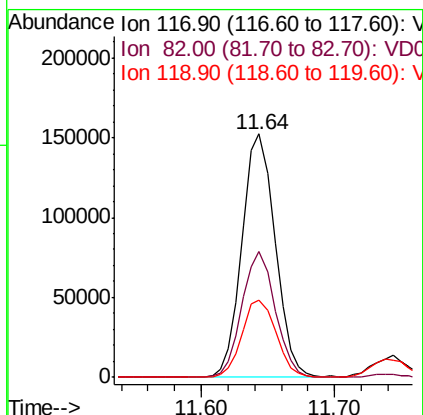
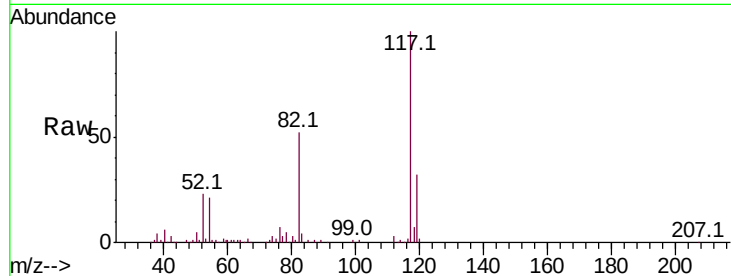




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

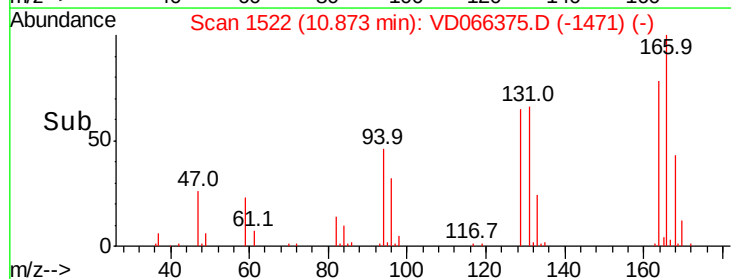
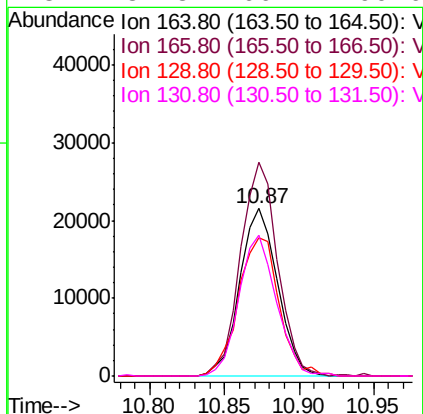
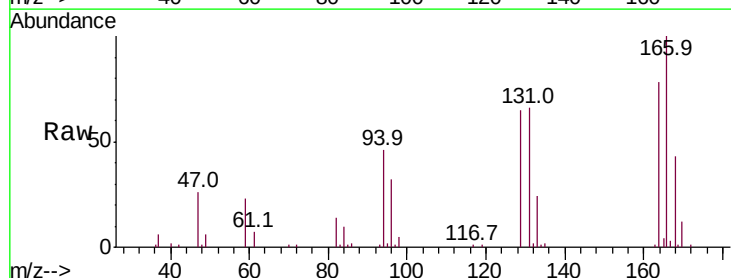
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

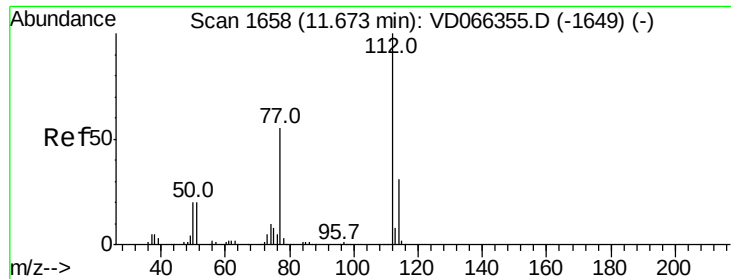
Tot Ion:117 Resp: 263131
Ion Ratio Lower Upper
117 100
82 51.8 42.8 64.2
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 18.964 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion:164 Resp: 37854
Ion Ratio Lower Upper
164 100
166 127.7 96.2 144.4
129 82.5 70.3 105.5
131 84.3 66.4 99.6





#65

Chlorobenzene

Concen: 18.657 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

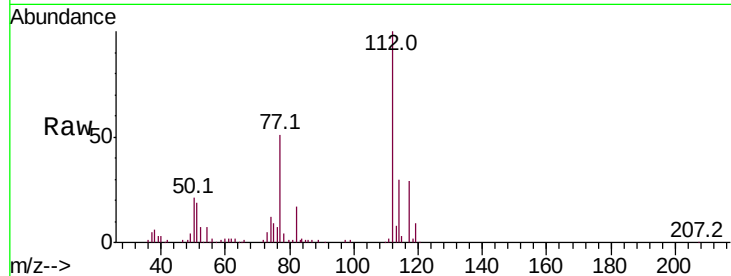
VD0824SBS01

Tot Ion:112 Resp: 97669

Ion Ratio Lower Upper

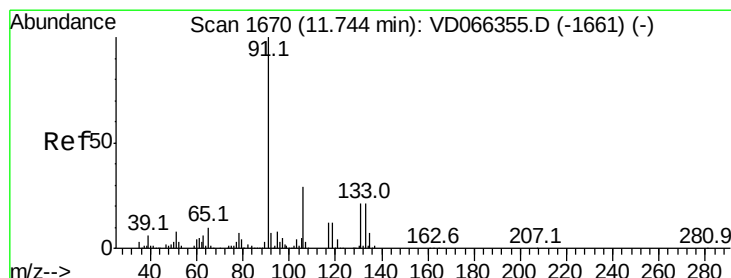
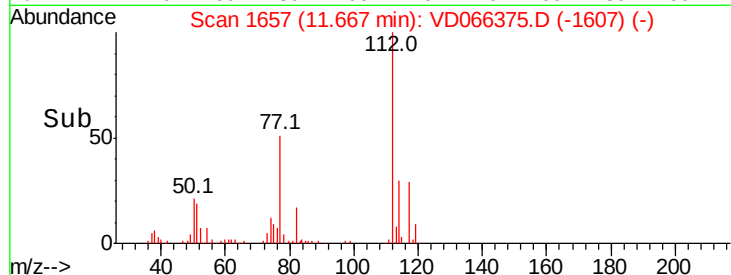
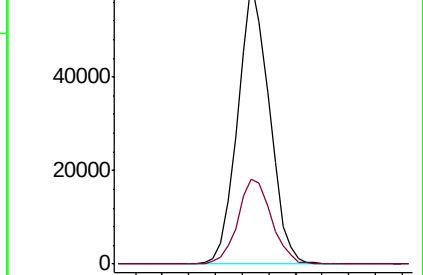
112 100

114 30.2 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.084 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

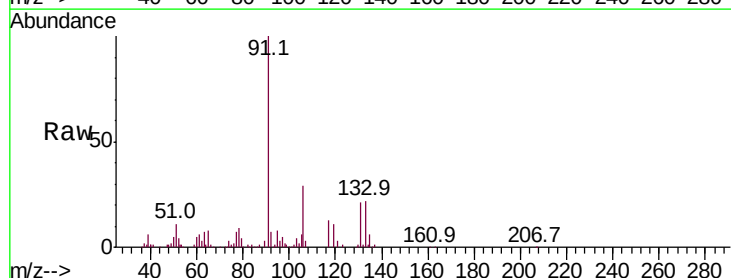
Tgt Ion:131 Resp: 40827

Ion Ratio Lower Upper

131 100

133 93.5 48.6 145.9

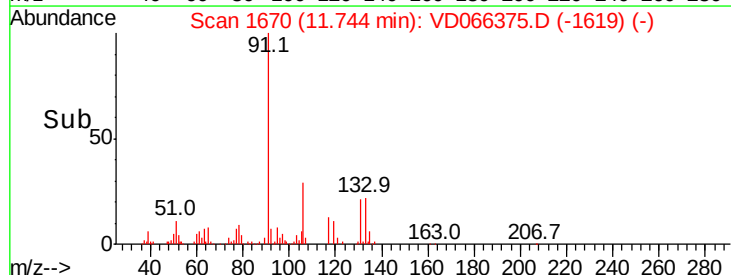
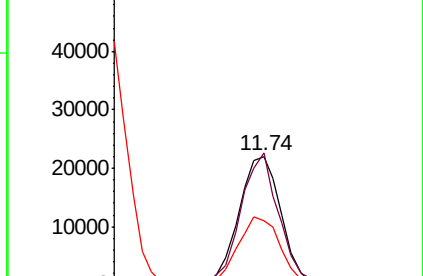
119 54.1 29.0 87.1

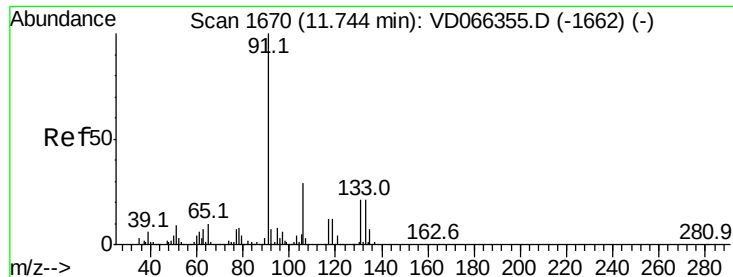


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.623 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

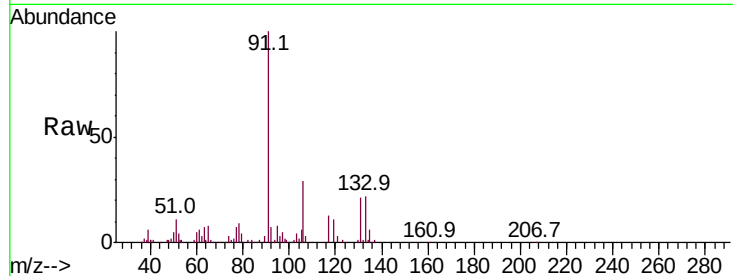
VD0824SBS01

Tot Ion: 91 Resp: 171613

Ion Ratio Lower Upper

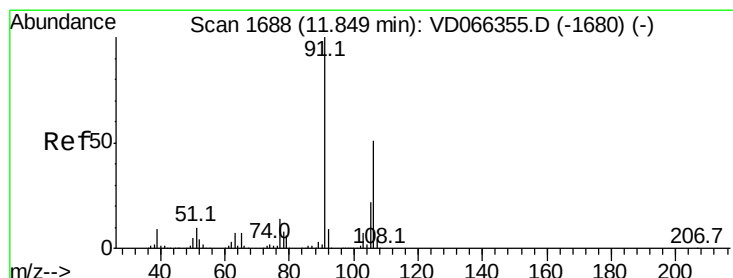
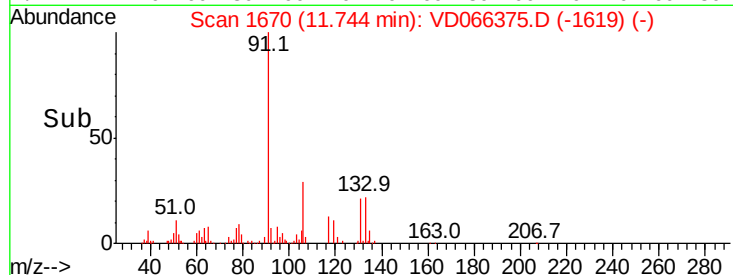
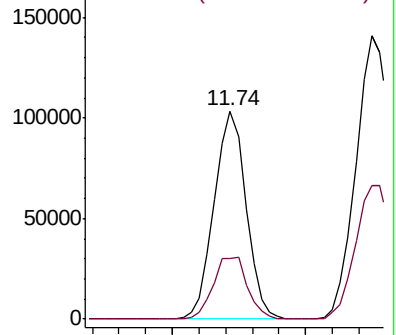
91 100

106 29.1 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.728 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066375.D

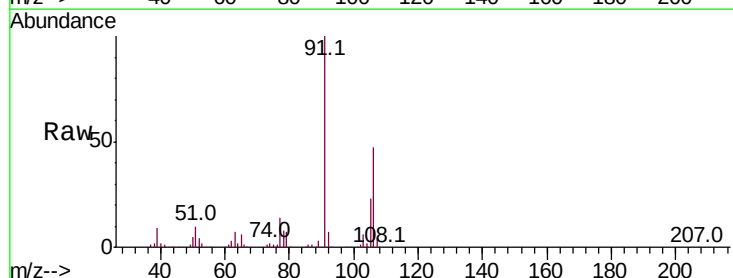
Acq: 24 Aug 2020 12:29

Tgt Ion:106 Resp: 132514

Ion Ratio Lower Upper

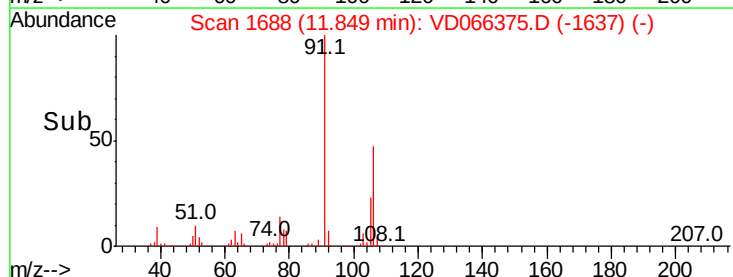
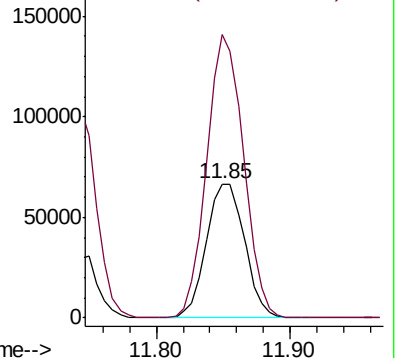
106 100

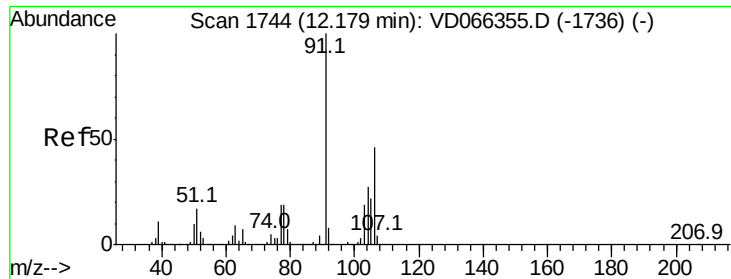
91 203.7 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VD0

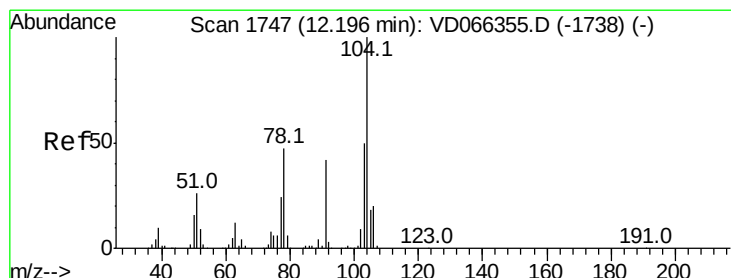
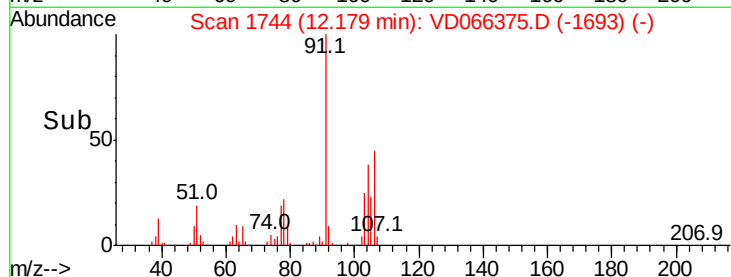
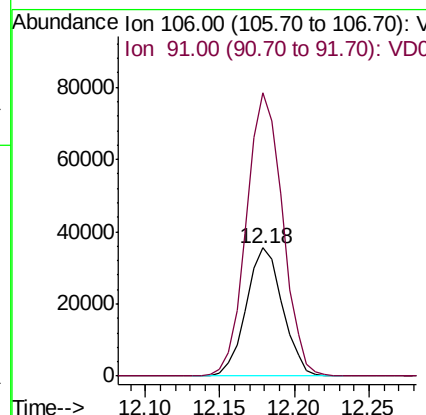
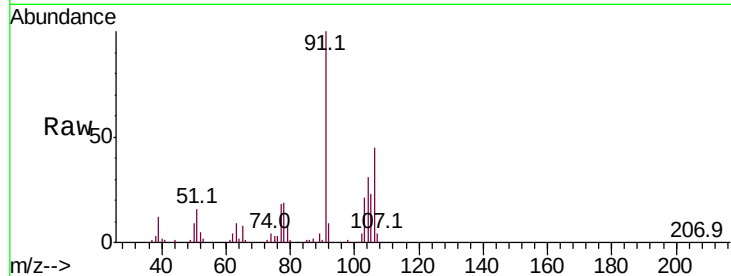




#69
o-Xylene
Concen: 18.262 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

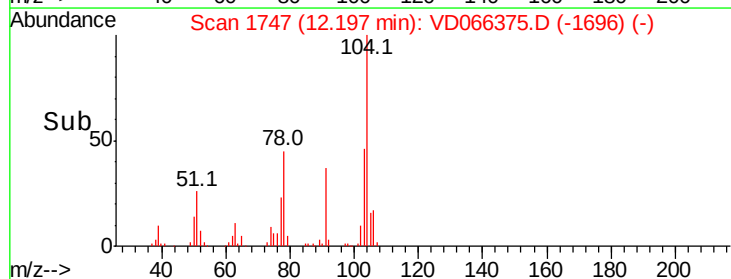
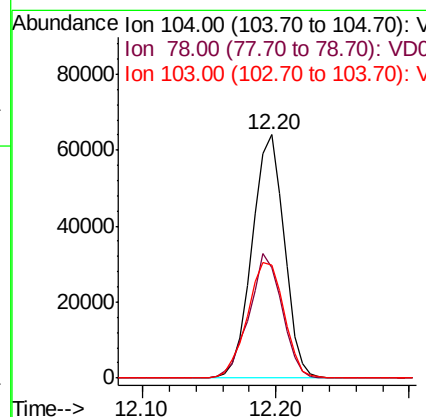
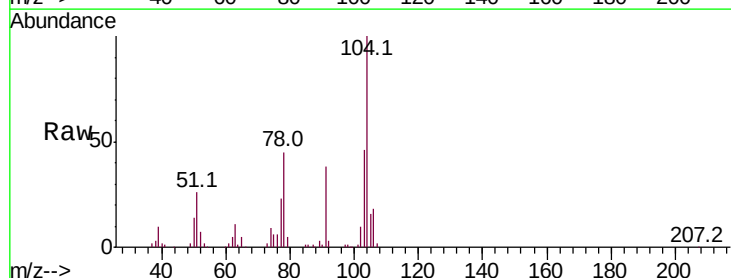
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

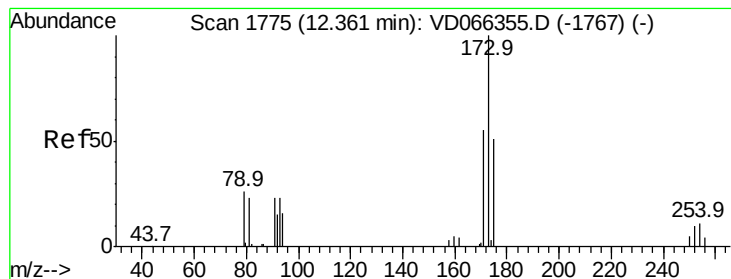
Tot Ion:106 Resp: 59670
Ion Ratio Lower Upper
106 100
91 220.6 109.1 327.3



#70
Styrene
Concen: 18.974 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion:104 Resp: 106452
Ion Ratio Lower Upper
104 100
78 52.1 41.7 62.5
103 54.3 43.5 65.3





#71

Bromoform

Concen: 18.644 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

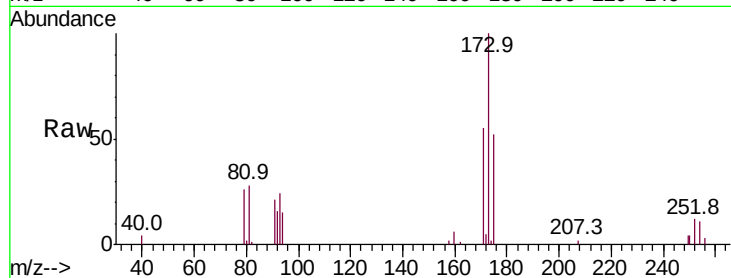
Tot Ion:173 Resp: 22629

Ion Ratio Lower Upper

173 100

175 48.5 24.8 74.3

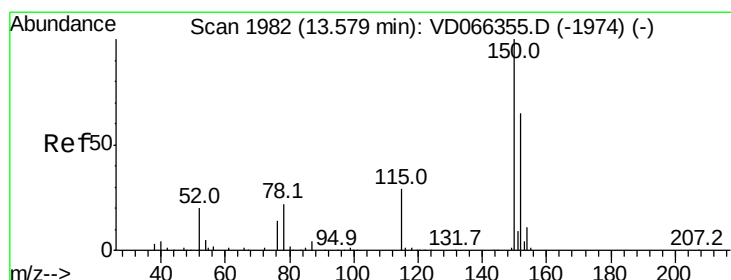
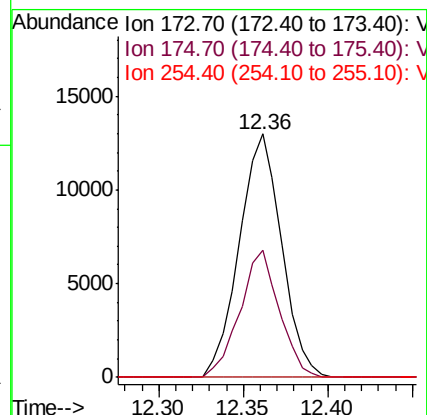
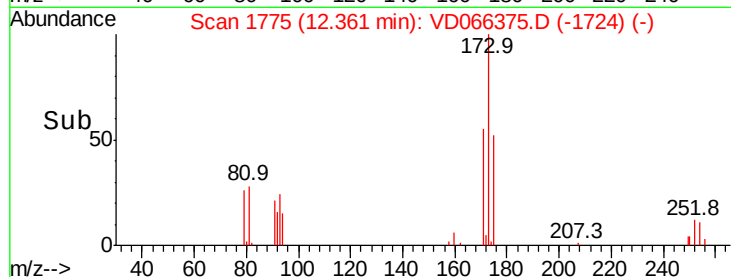
254 0.0 0.0 0.0



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: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

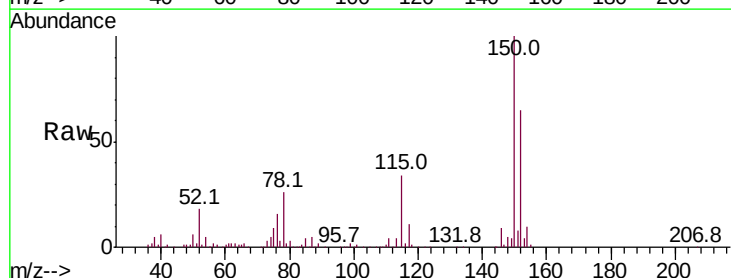
Tgt Ion:152 Resp: 140597

Ion Ratio Lower Upper

152 100

115 57.5 28.3 85.0

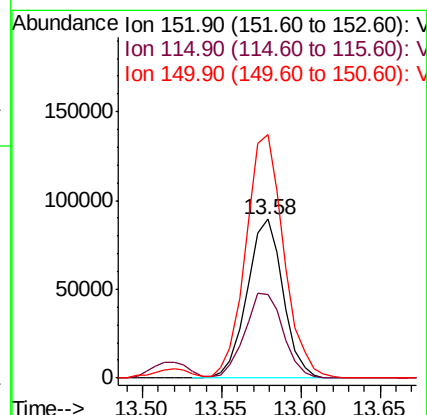
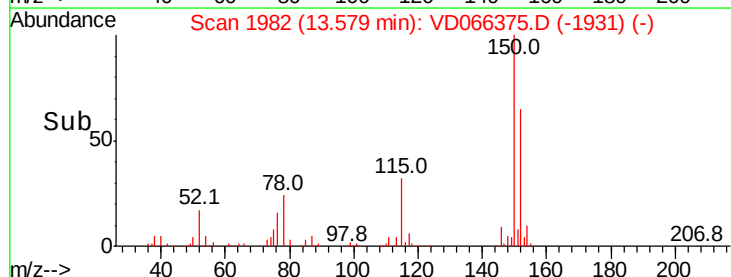
150 162.2 0.0 343.2

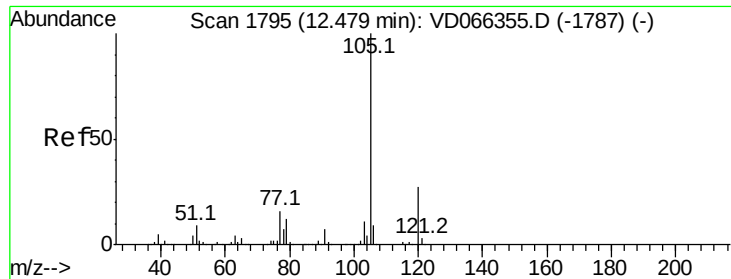


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.435 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

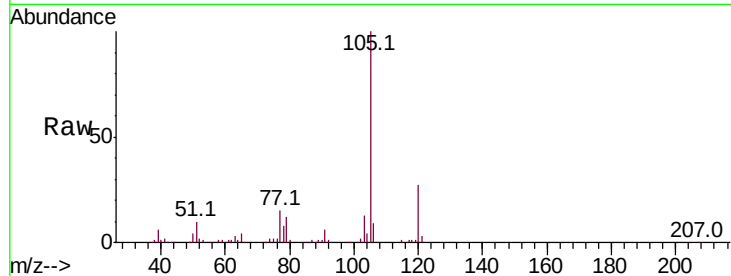
VD0824SBS01

Tot Ion:105 Resp: 173631

Ion Ratio Lower Upper

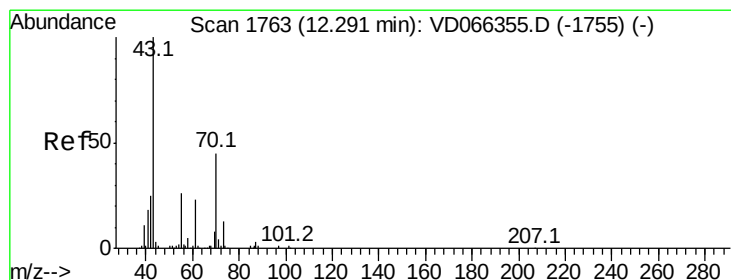
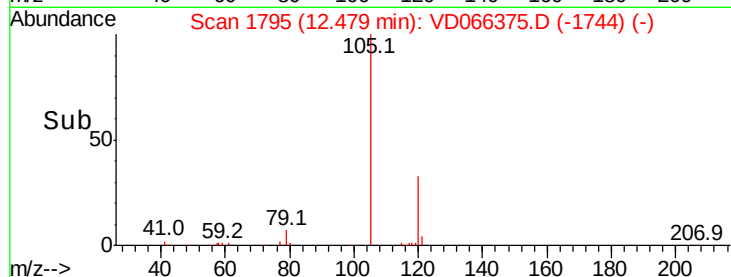
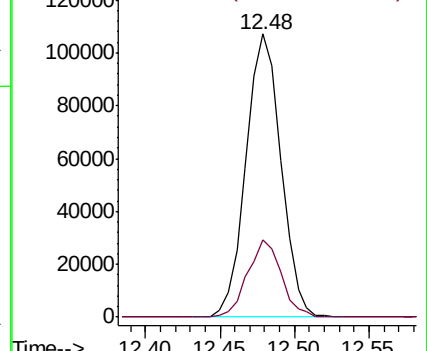
105 100

120 26.3 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.331 ug/l

RT: 12.28 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Tgt Ion: 43 Resp: 29482

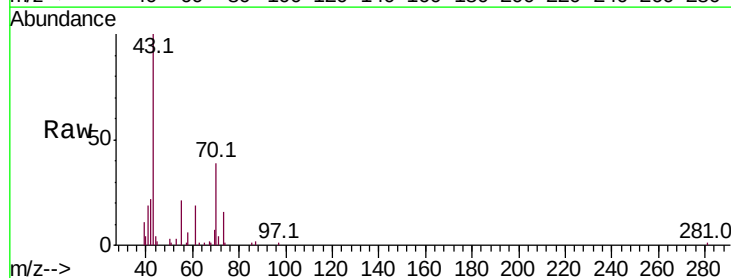
Ion Ratio Lower Upper

43 100

70 43.9 34.8 52.2

55 25.0 20.3 30.5

61 22.5 19.0 28.6

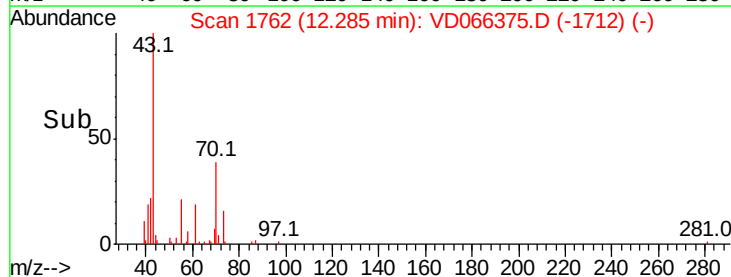
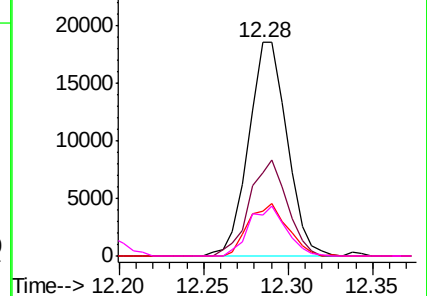


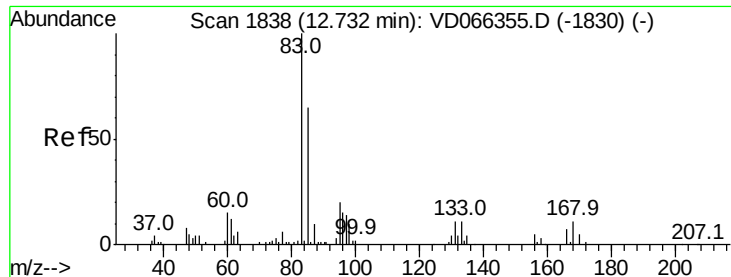
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 17.419 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

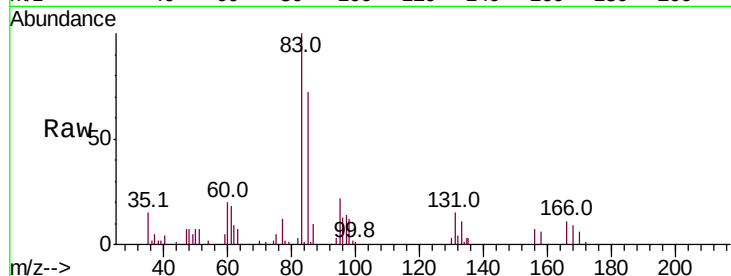
Tot Ion: 83 Resp: 23437

Ion Ratio Lower Upper

83 100

131 14.6 7.0 20.9

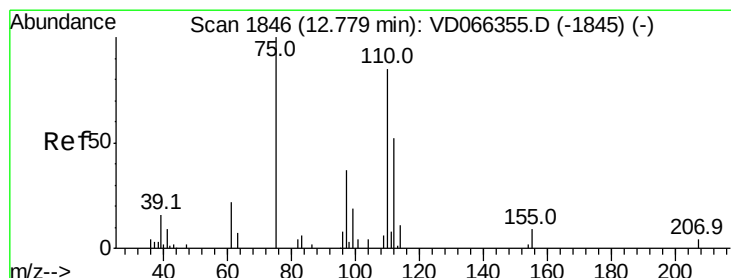
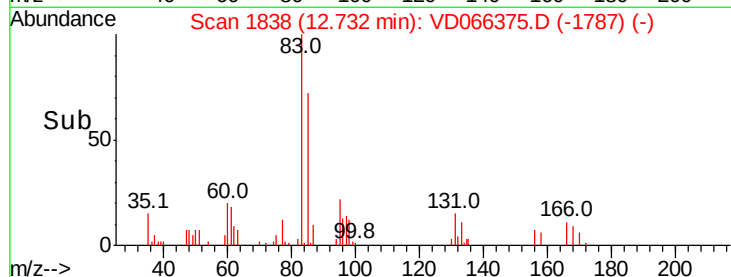
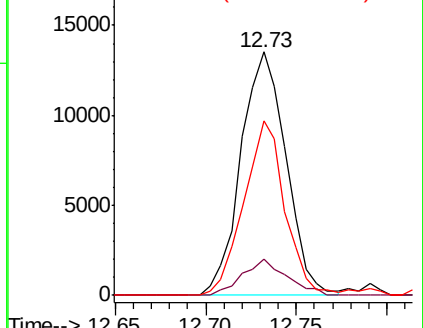
85 65.2 32.4 97.0



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: 36.132 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066375.D

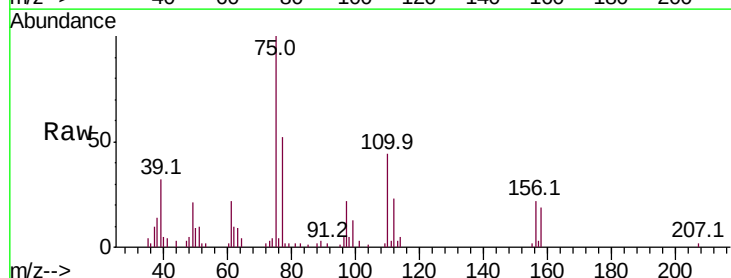
Acq: 24 Aug 2020 12:29

Tgt Ion: 75 Resp: 35738

Ion Ratio Lower Upper

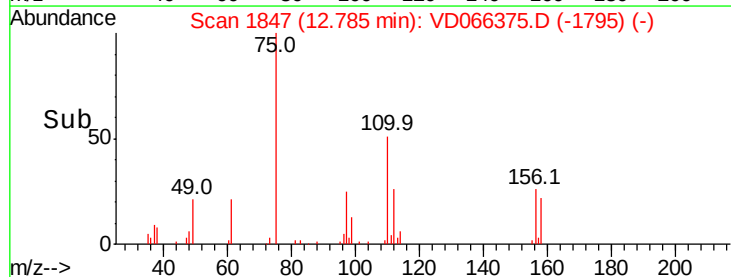
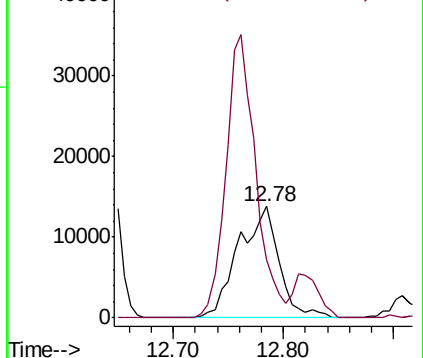
75 100

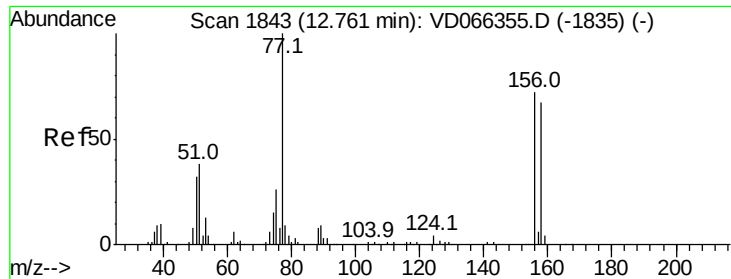
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 18.175 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

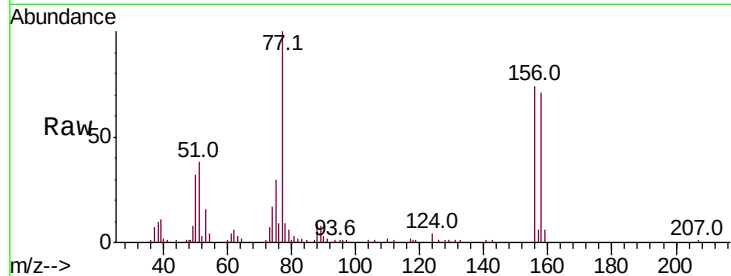
Tot Ion:156 Resp: 43447

Ion Ratio Lower Upper

156 100

77 152.9 76.1 228.3

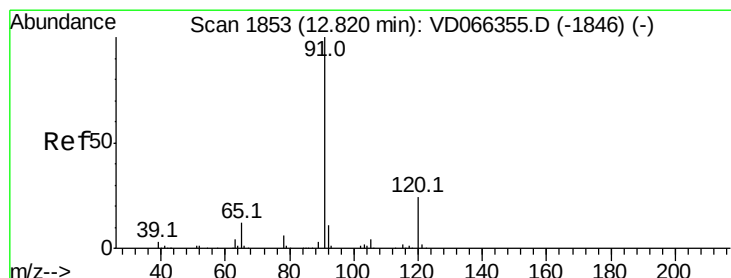
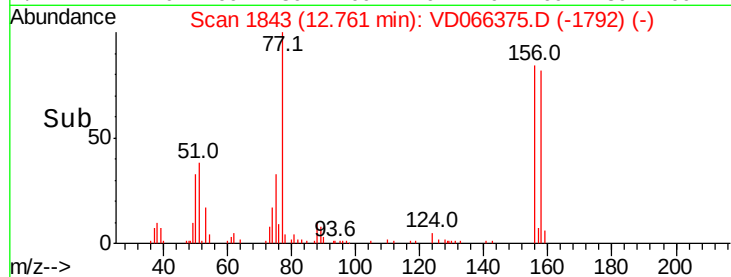
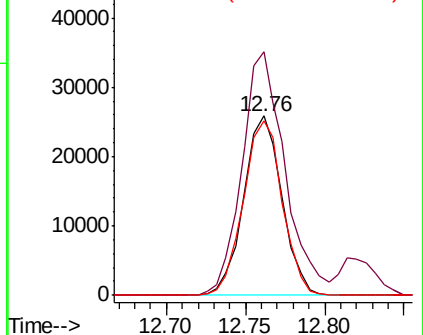
158 98.9 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.780 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066375.D

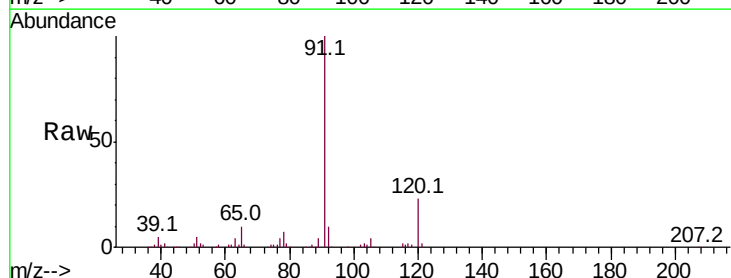
Acq: 24 Aug 2020 12:29

Tgt Ion: 91 Resp: 202813

Ion Ratio Lower Upper

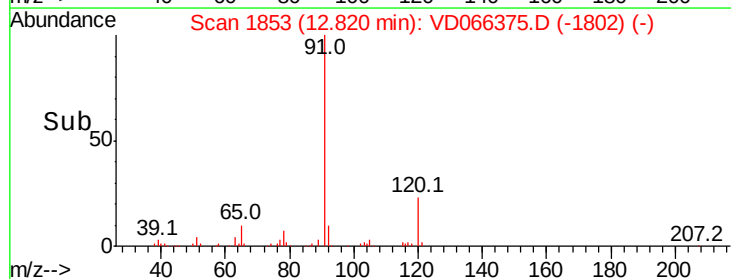
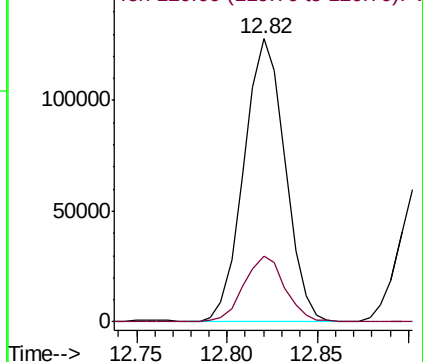
91 100

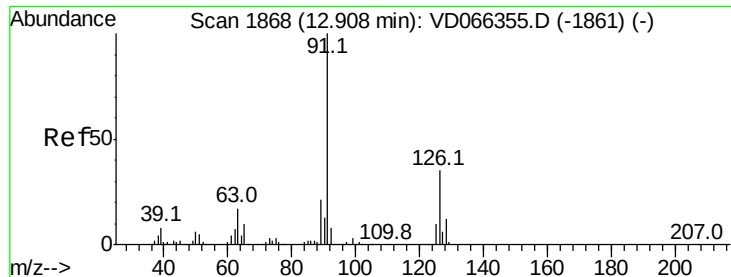
120 22.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.383 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

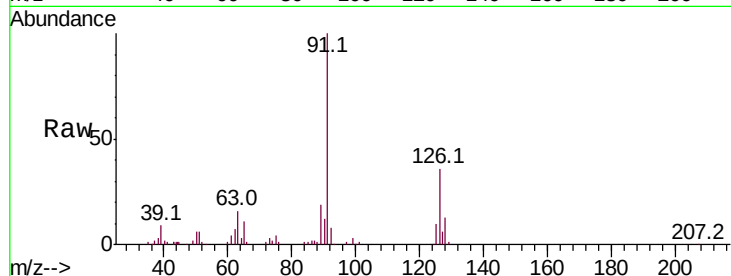
VD0824SBSD01

Tot Ion: 91 Resp: 113385

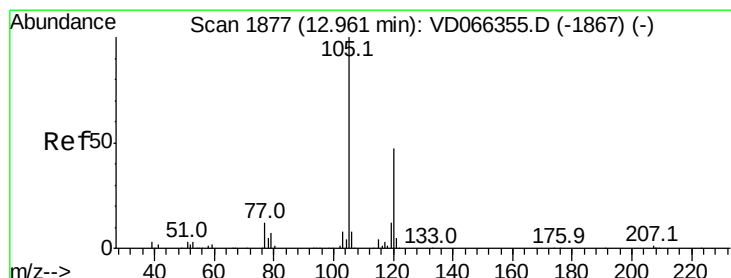
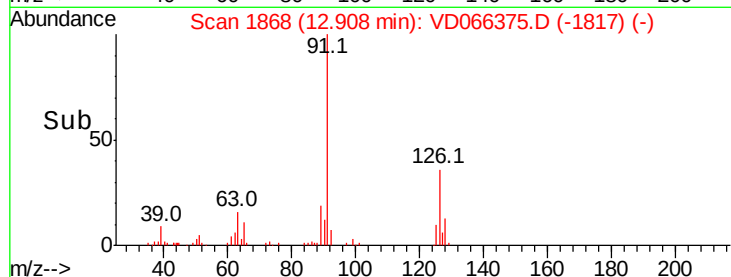
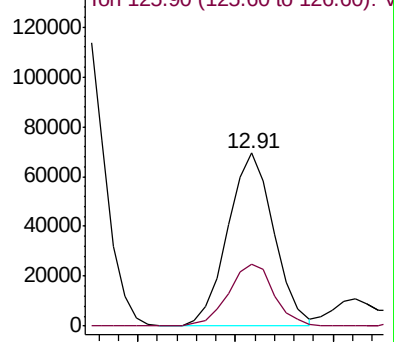
Ion Ratio Lower Upper

91 100

126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066375.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.179 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066375.D

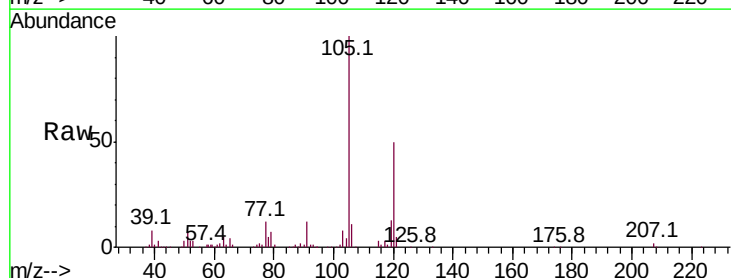
Acq: 24 Aug 2020 12:29

Tgt Ion:105 Resp: 147829

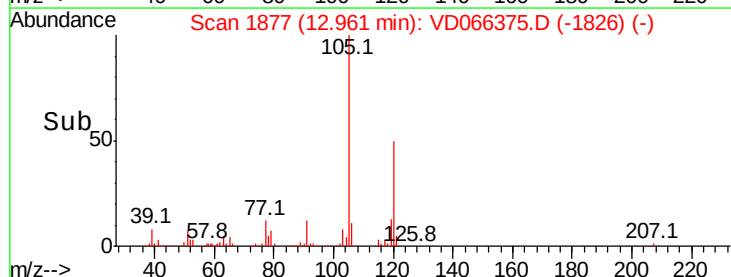
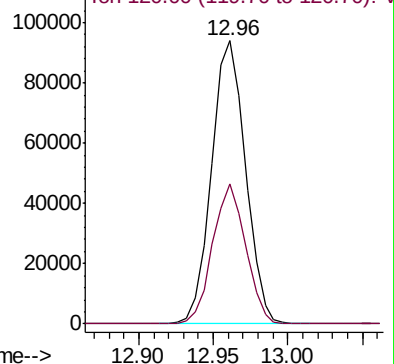
Ion Ratio Lower Upper

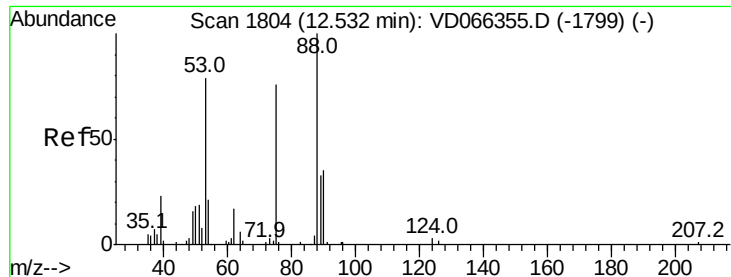
105 100

120 48.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066375.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.392 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

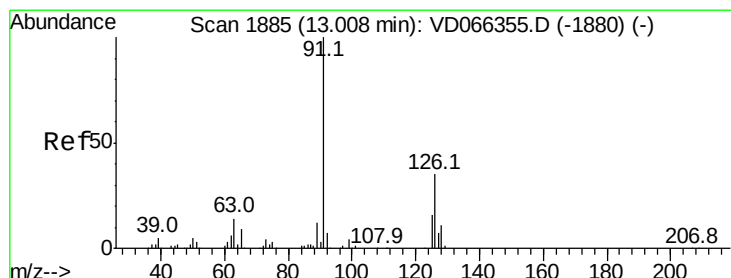
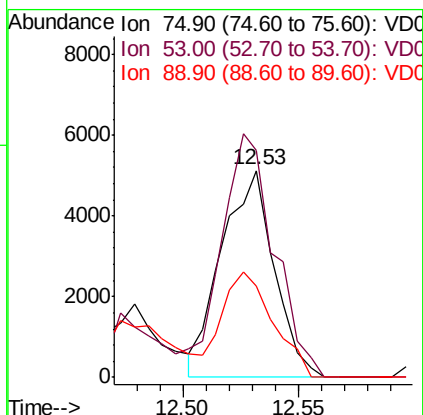
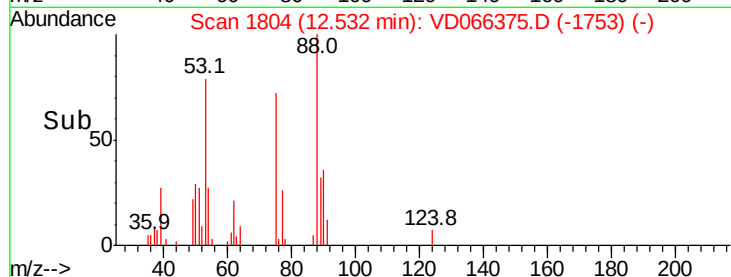
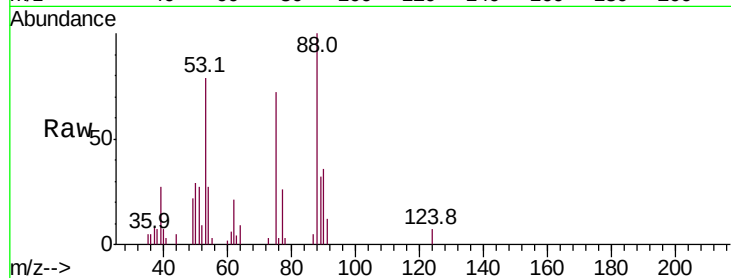
Tot Ion: 75 Resp: 8104

Ion	Ratio	Lower	Upper
75	100		
53	120.2	87.4	131.2
89	48.9	39.4	59.0

75 100

53 120.2 87.4 131.2

89 48.9 39.4 59.0



#82

4-Chlorotoluene

Concen: 18.526 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066375.D

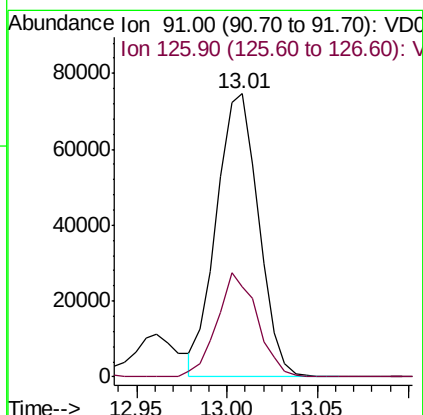
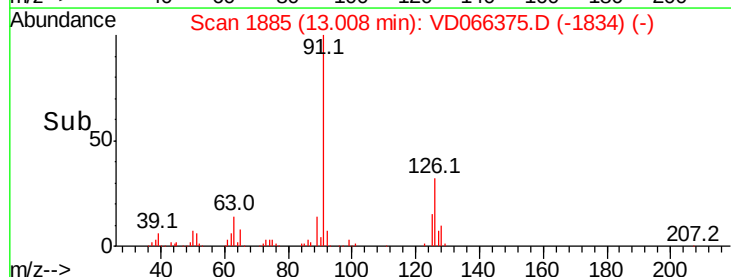
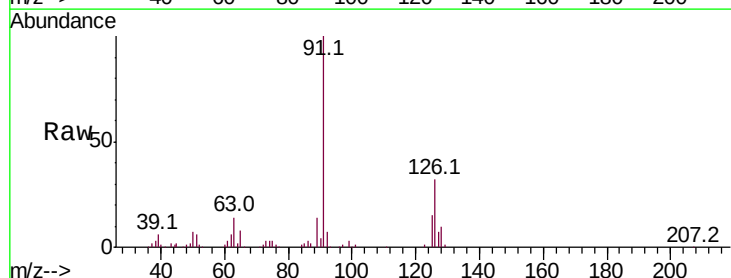
Acq: 24 Aug 2020 12:29

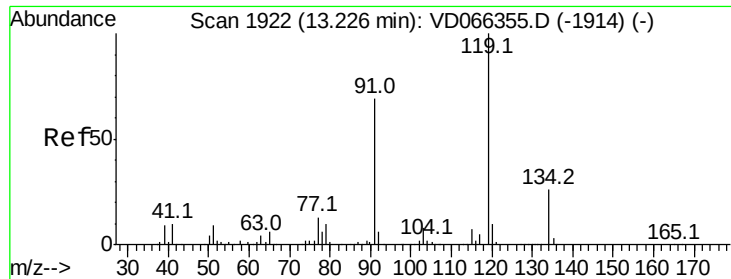
Tgt Ion: 91 Resp: 121061

Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.4	52.2

91 100

126 35.1 17.4 52.2

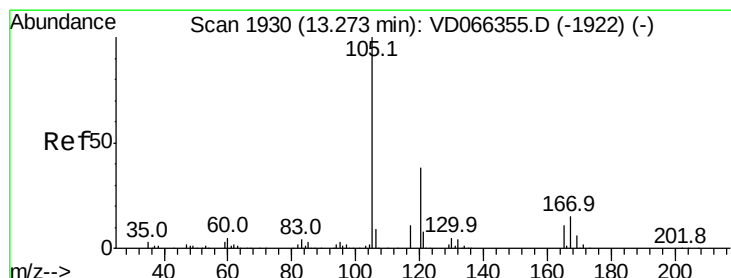
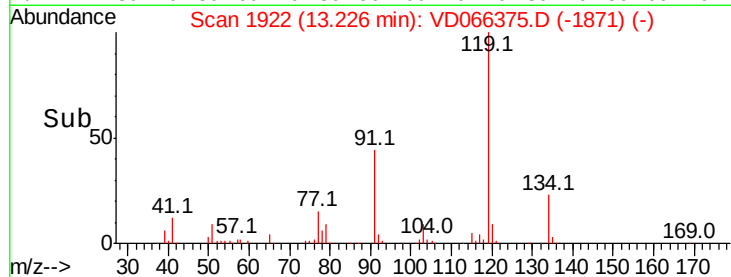
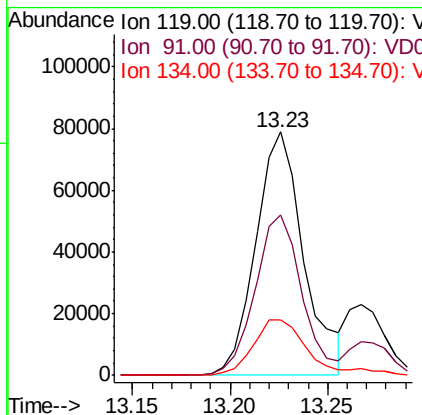
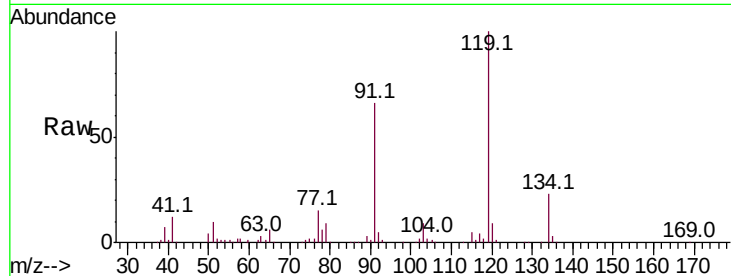




#83
 tert-Butylbenzene
 Concen: 19.072 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

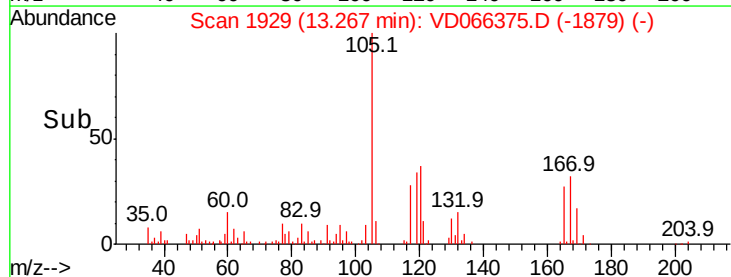
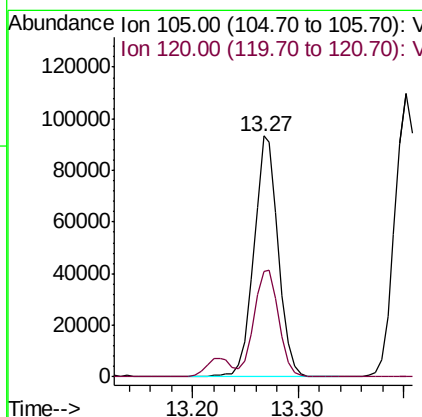
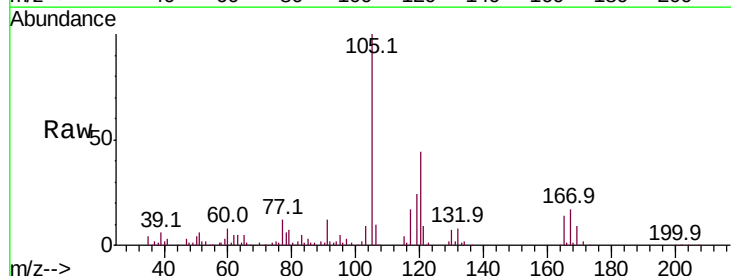
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

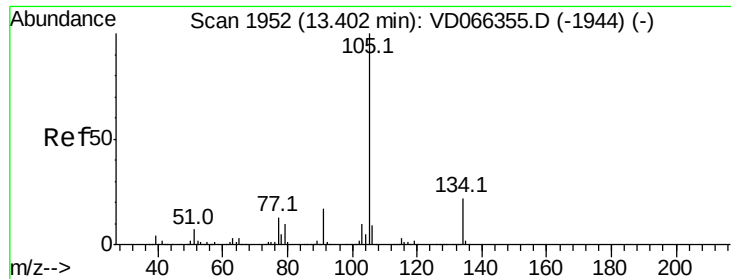
Tot Ion:119 Resp: 134714
 Ion Ratio Lower Upper
 119 100
 91 64.0 33.5 100.5
 134 26.2 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 18.778 ug/l
 RT: 13.27 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion:105 Resp: 149989
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.6 67.7





#85

sec-Butylbenzene

Concen: 18.730 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

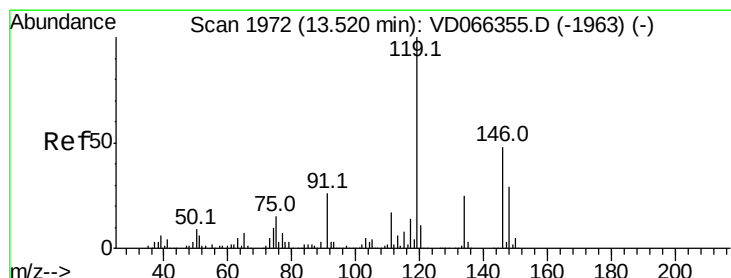
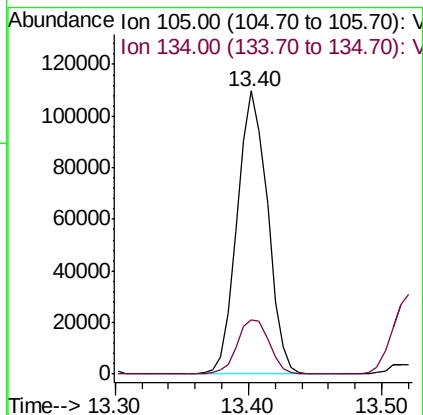
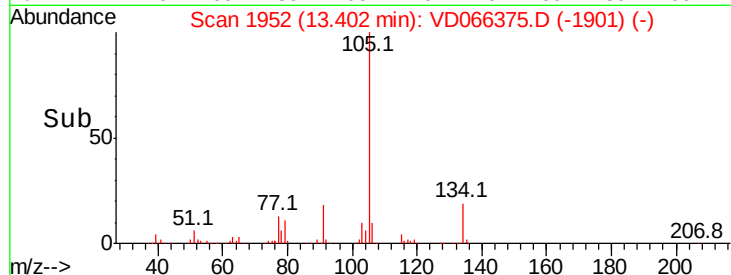
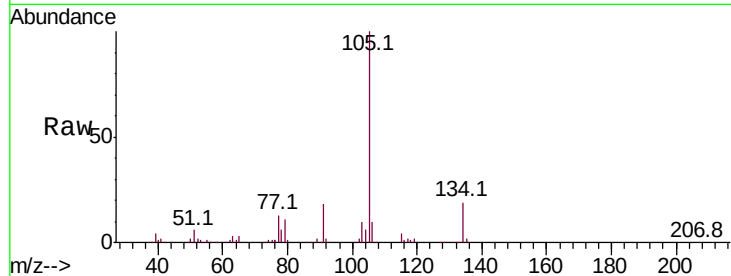
VD0824SBSD01

Tot Ion:105 Resp: 173338

Ion Ratio Lower Upper

105 100

134 20.1 10.8 32.4



#86

p-Isopropyltoluene

Concen: 19.047 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

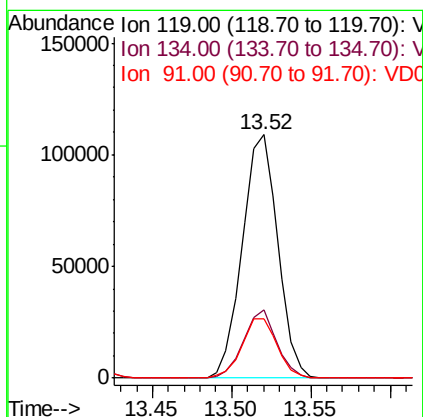
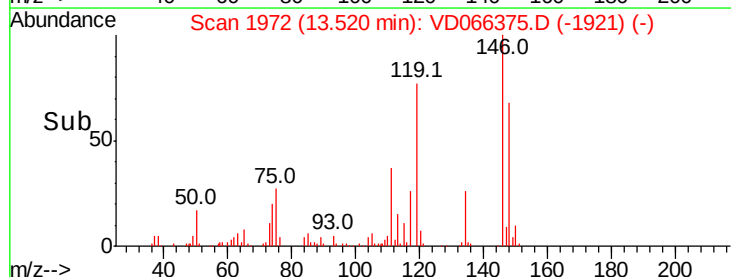
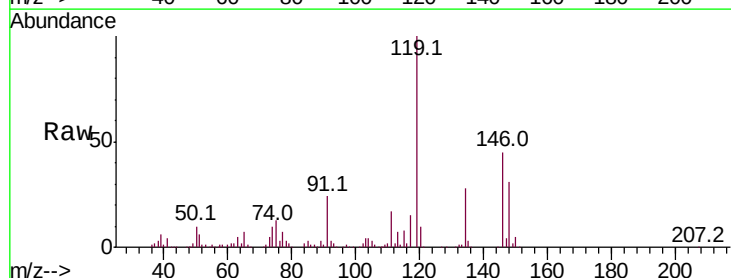
Tgt Ion:119 Resp: 169968

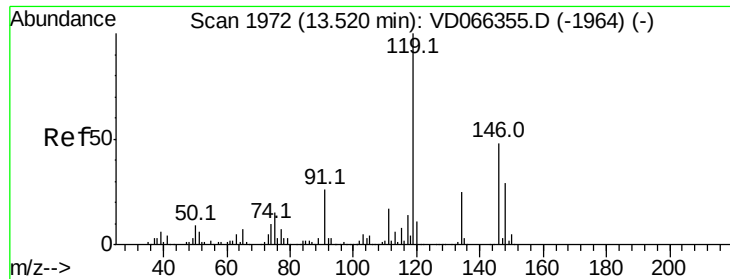
Ion Ratio Lower Upper

119 100

134 26.1 12.8 38.3

91 24.5 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 18.803 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

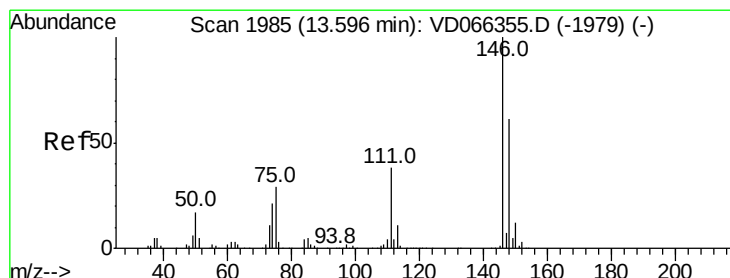
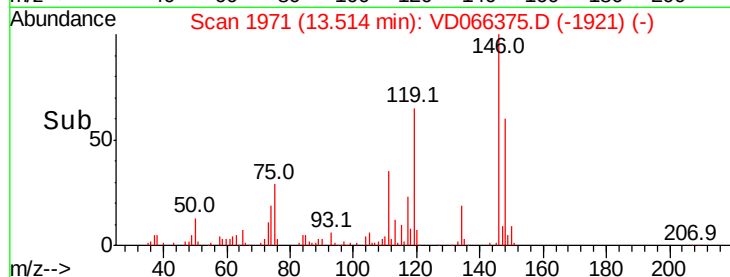
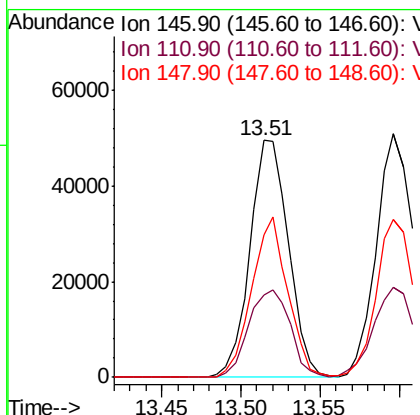
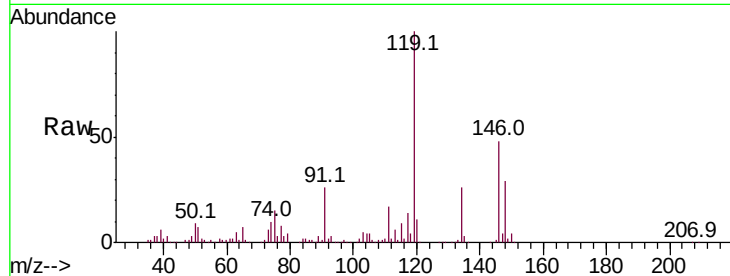
Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

Tot Ion:146 Resp: 83905

Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.9	56.9
148	63.3	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 18.412 ug/l

RT: 13.60 min Scan# 1985

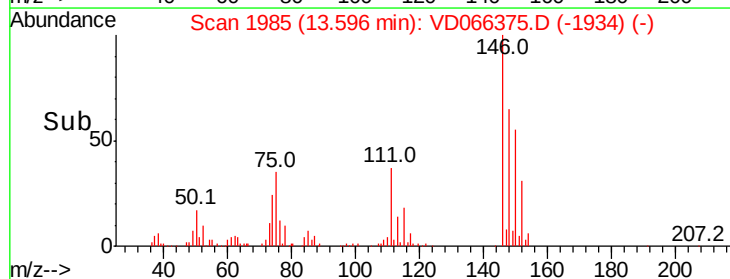
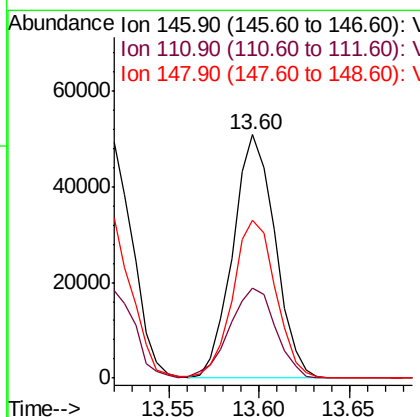
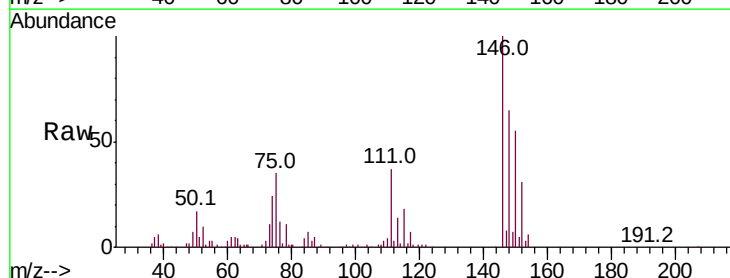
Delta R.T. 0.00 min

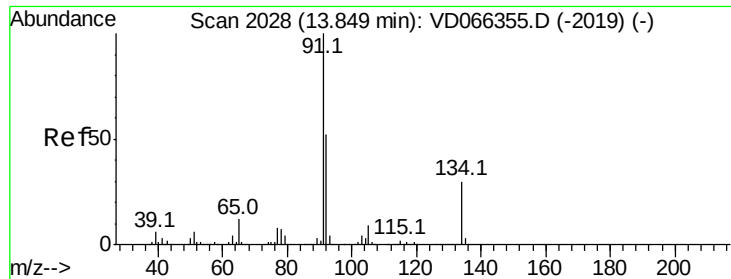
Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Tgt Ion:146 Resp: 82495

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.5
148	66.0	32.1	96.3

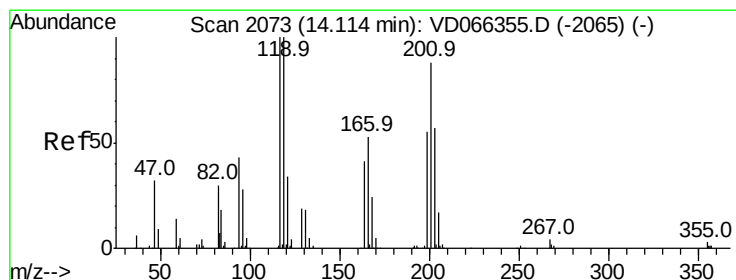
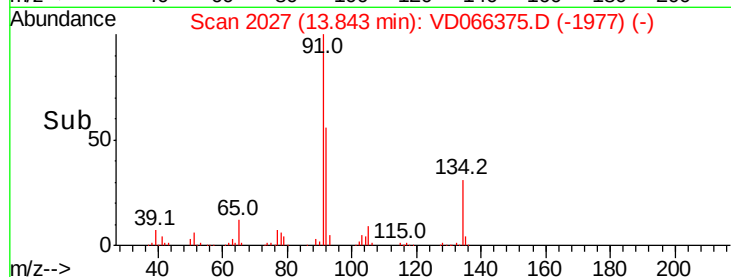
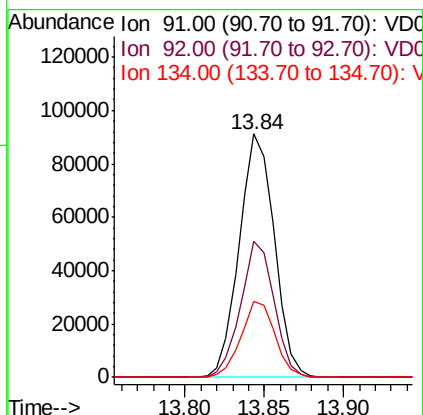
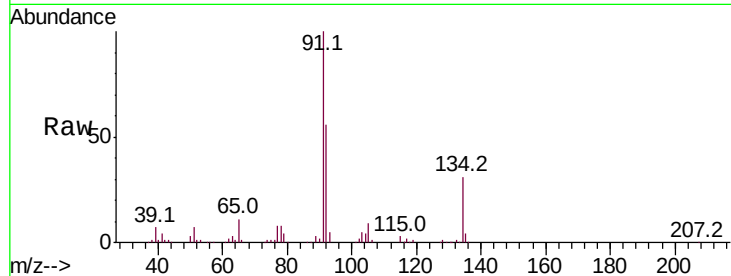




#89
n-Butylbenzene
Concen: 17.832 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

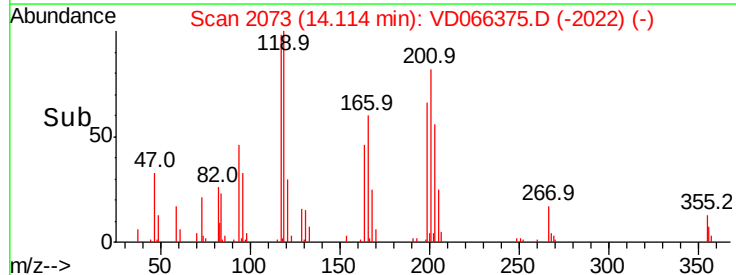
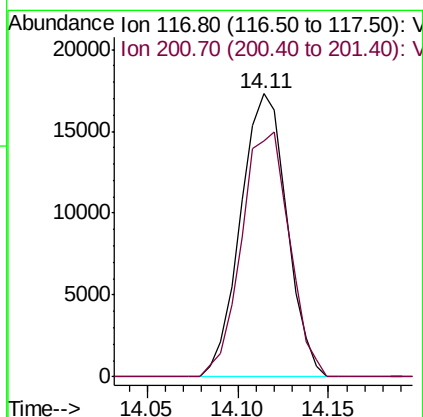
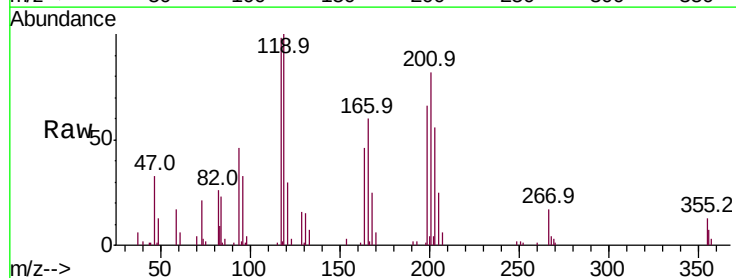
Instrument :
MSVOA_D
ClientSampleId :
VD0824SBSD01

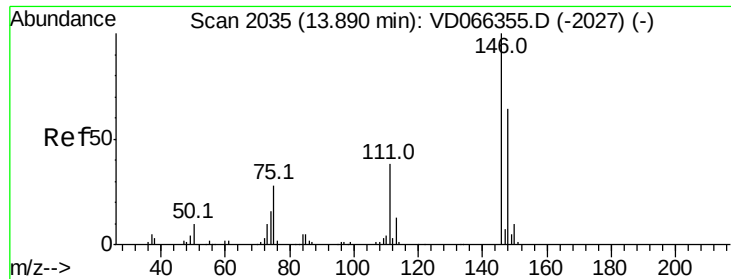
Tot Ion: 91 Resp: 140420
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 30.2 14.4 43.4



#90
Hexachloroethane
Concen: 17.454 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066375.D
Acq: 24 Aug 2020 12:29

Tgt Ion: 117 Resp: 30767
Ion Ratio Lower Upper
117 100
201 89.5 45.4 136.2





#91

1,2-Dichlorobenzene

Concen: 18.674 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBSD01

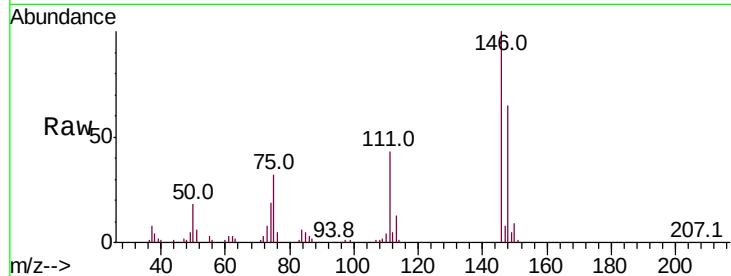
Tot Ion:146 Resp: 71737

Ion Ratio Lower Upper

146 100

111 41.6 19.9 59.7

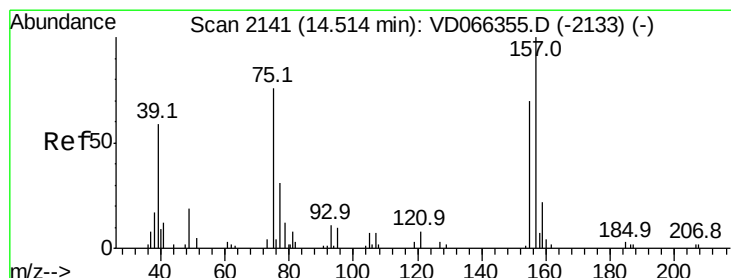
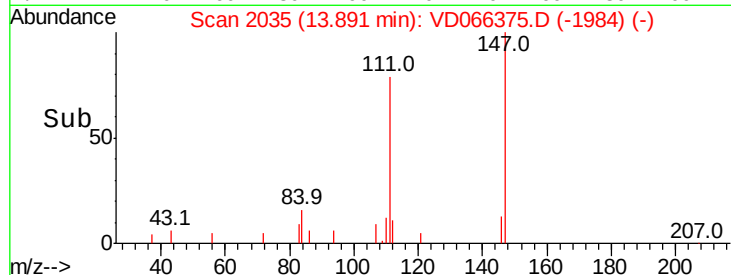
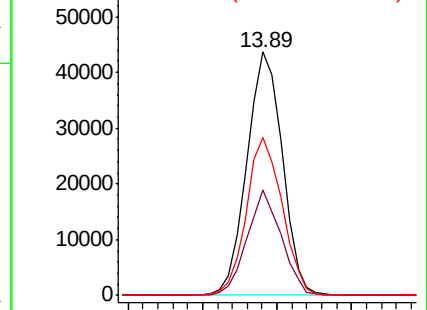
148 65.4 32.6 97.8



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: 17.977 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

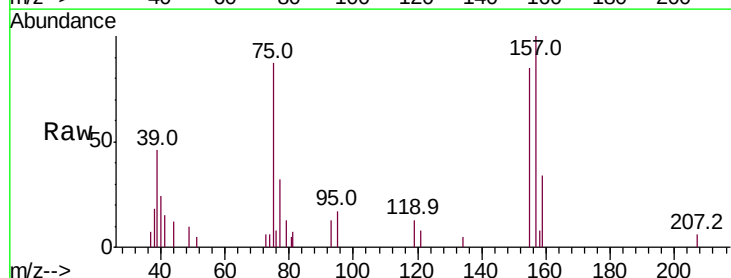
Tgt Ion: 75 Resp: 5073

Ion Ratio Lower Upper

75 100

155 91.3 46.9 140.6

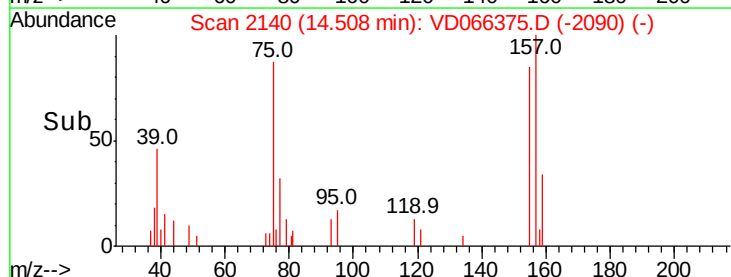
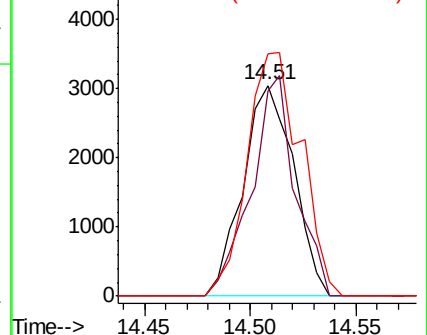
157 122.7 61.0 183.0

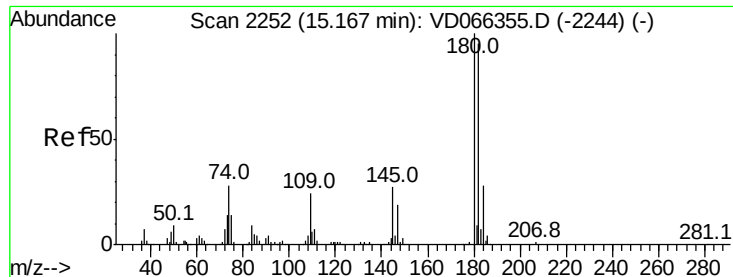


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

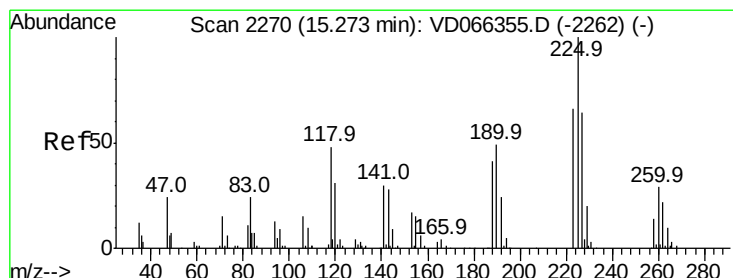
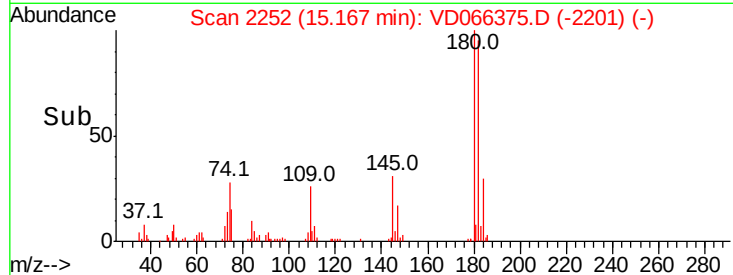
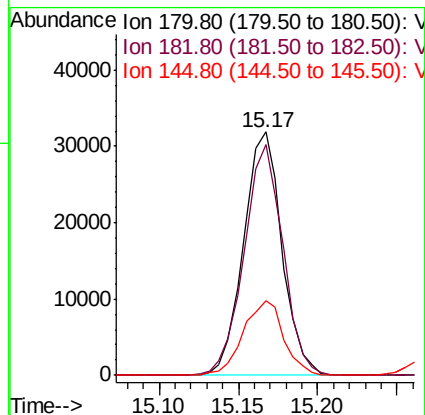
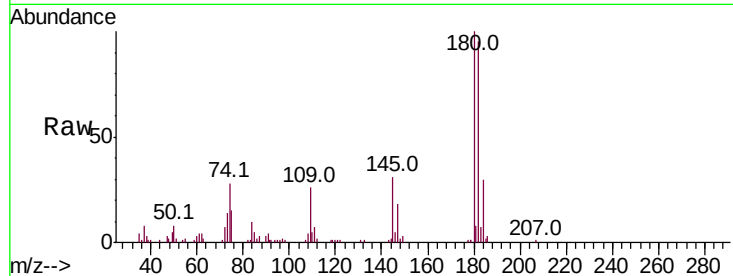




#93
 1,2,4-Trichlorobenzene
 Concen: 17.866 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

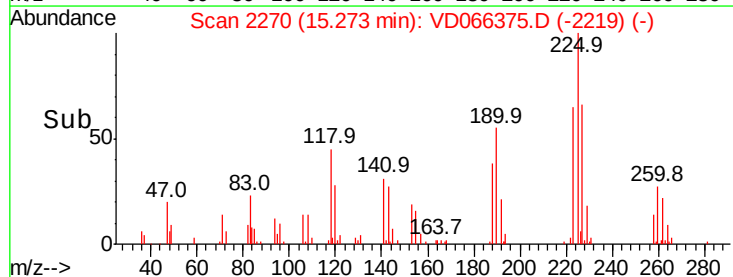
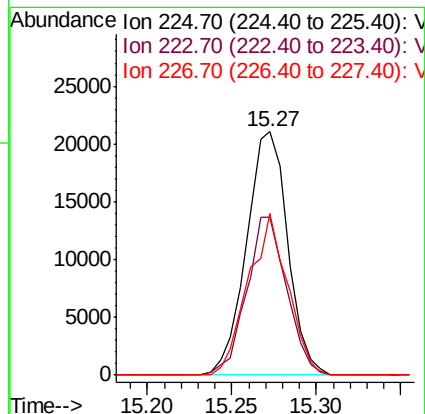
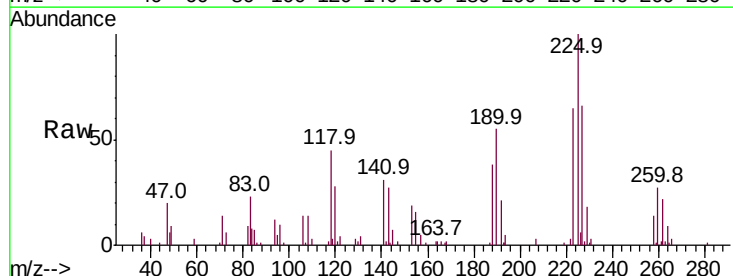
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBSD01

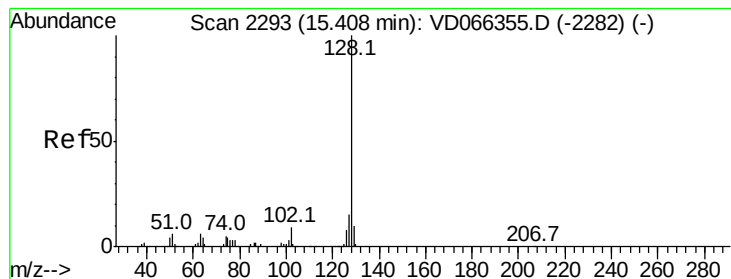
Tot Ion:	180	Resp:	53581
Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.0	144.0
145	32.2	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 19.159 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066375.D
 Acq: 24 Aug 2020 12:29

Tgt Ion:	225	Resp:	35706
Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.5	97.4
227	63.2	33.0	98.9





#95

Naphthalene

Concen: 17.727 ug/l

RT: 15.40 min Scan# 2292

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBS01

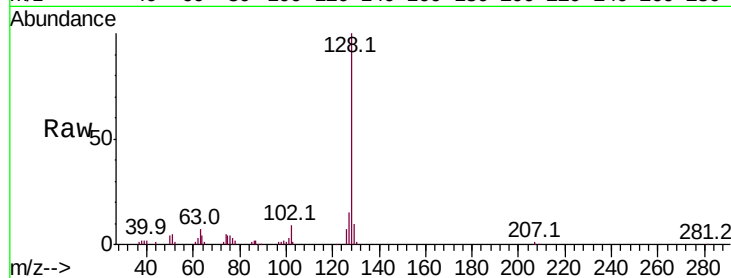
Tot Ion:128 Resp: 83498

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

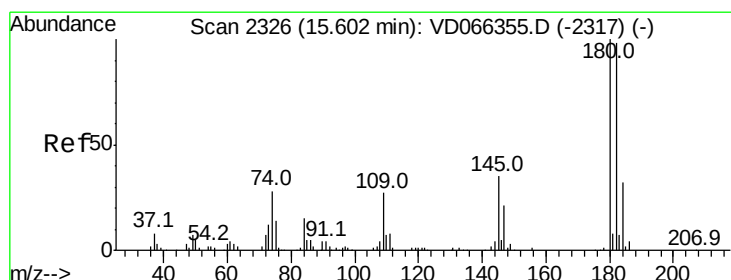
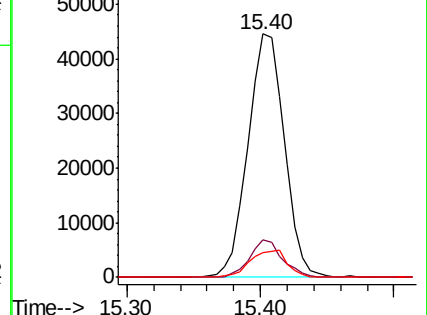
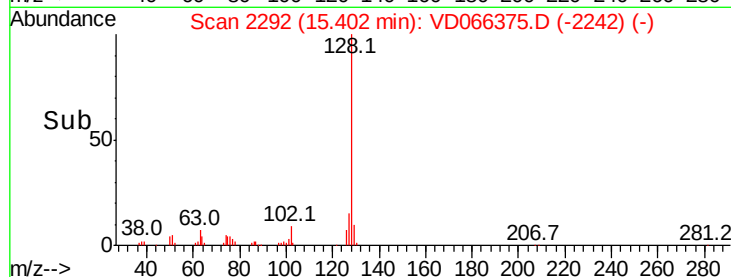
129 11.2 8.6 12.8



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: 18.487 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.01 min

Lab File: VD066375.D

Acq: 24 Aug 2020 12:29

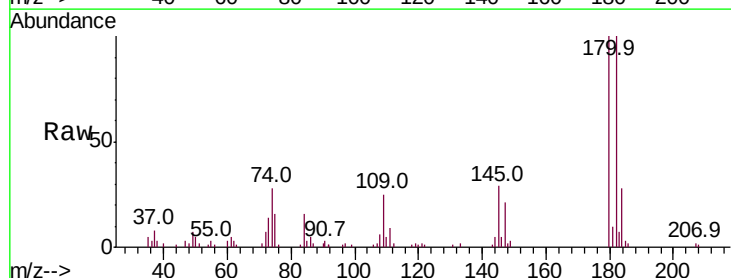
Tgt Ion:180 Resp: 47495

Ion Ratio Lower Upper

180 100

182 95.4 46.7 140.0

145 32.8 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

