

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066397.D
 Acq On : 25 Aug 2020 12:51
 Operator : VA/SY
 Sample : VD0825SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBS01

Quant Time: Aug 26 08:02:28 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	221795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	317508	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	297942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	158082	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	117710	54.13	ug/l	0.00
Spiked Amount			Recovery	=	108.26%	
35) Dibromofluoromethane	7.91	113	100753	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	
50) Toluene-d8	10.33	98	363023	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	12.63	95	127929	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	36524	19.370	ug/l	95
3) Chloromethane	2.20	50	24262	18.152	ug/l	97
4) Vinyl Chloride	2.34	62	25341	17.659	ug/l	96
5) Bromomethane	2.75	94	19842	18.486	ug/l	91
6) Chloroethane	2.91	64	17085	18.593	ug/l	90
7) Trichlorofluoromethane	3.26	101	73713	18.890	ug/l	95
8) Diethyl Ether	3.71	74	16125	18.443	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	35689	18.532	ug/l	99
10) Methyl Iodide	4.29	142	32301	14.706	ug/l	99
11) Tert butyl alcohol	5.19	59	11112	54.882	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	32543	18.002	ug/l	89
13) Acrolein	3.91	56	8372	86.702	ug/l	98
14) Allyl chloride	4.71	41	42238	17.506	ug/l	96
15) Acrylonitrile	5.43	53	36131	102.996	ug/l	94
16) Acetone	4.16	43	36637	93.456	ug/l	99
17) Carbon Disulfide	4.40	76	94576	17.263	ug/l	96
18) Methyl Acetate	4.71	43	15083	20.500	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	87100	20.010	ug/l #	84
20) Methylene Chloride	4.96	84	44438	17.038	ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	37260	17.707	ug/l	97
22) Diisopropyl ether	6.36	45	88027	18.843	ug/l	96
23) Vinyl Acetate	6.30	43	278296	96.231	ug/l	99
24) 1,1-Dichloroethane	6.26	63	60236	18.246	ug/l	98
25) 2-Butanone	7.21	43	44545	100.092	ug/l	98
26) 2,2-Dichloropropane	7.20	77	67247	19.006	ug/l	100
27) cis-1,2-Dichloroethene	7.20	96	41570	18.437	ug/l	97
28) Bromochloromethane	7.53	49	19460	17.113	ug/l	92
29) Tetrahydrofuran	7.56	42	26163	103.502	ug/l	96
30) Chloroform	7.71	83	72387	18.952	ug/l	96
31) Cyclohexane	7.98	56	52699	17.454	ug/l #	94
32) 1,1,1-Trichloroethane	7.89	97	74153	18.969	ug/l	99
36) 1,1-Dichloropropene	8.11	75	50315	17.368	ug/l	99
37) Ethyl Acetate	7.29	43	19540	19.831	ug/l #	92
38) Carbon Tetrachloride	8.08	117	72469	19.200	ug/l	93

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 26 08:02:28 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	9.34	83	60498	17.727	ug/l	99
40) Benzene	8.34	78	141235	18.532	ug/l	95
41) Methacrylonitrile	7.55	41	27632	45.475	ug/l #	59
42) 1,2-Dichloroethane	8.42	62	55363	20.625	ug/l	100
43) Isopropyl Acetate	8.44	43	38603	19.519	ug/l	100
44) Trichloroethene	9.11	130	45925	18.545	ug/l	86
45) 1,2-Dichloropropane	9.38	63	32302	18.696	ug/l	93
46) Dibromomethane	9.47	93	21265	19.768	ug/l	99
47) Bromodichloromethane	9.66	83	58015	19.610	ug/l	96
48) Methyl methacrylate	9.45	41	18536	18.175	ug/l	92
49) 1,4-Dioxane	9.46	88	5052	404.446	ug/l #	87
51) 4-Methyl-2-Pentanone	10.23	43	95432	99.748	ug/l	100
52) Toluene	10.40	92	98200	19.019	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	55534	19.783	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	60615	19.237	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	30093	20.664	ug/l	91
56) Ethyl methacrylate	10.66	69	32703	19.398	ug/l	96
57) 1,3-Dichloropropane	10.94	76	46684	19.380	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	72343	103.320	ug/l	96
59) 2-Hexanone	10.98	43	68794	101.940	ug/l	100
60) Dibromochloromethane	11.14	129	42282	19.261	ug/l	96
61) 1,2-Dibromoethane	11.24	107	27540	19.216	ug/l	99
64) Tetrachloroethene	10.87	164	40595	17.961	ug/l	91
65) Chlorobenzene	11.67	112	109663	18.500	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	45011	18.581	ug/l	98
67) Ethyl Benzene	11.74	91	198312	19.006	ug/l	99
68) m/p-Xylenes	11.85	106	148390	37.312	ug/l	97
69) o-Xylene	12.18	106	67904	18.354	ug/l	99
70) Styrene	12.20	104	123027	19.366	ug/l	100
71) Bromoform	12.36	173	27908	20.306	ug/l #	99
73) Isopropylbenzene	12.48	105	195731	18.483	ug/l	98
74) N-amyl acetate	12.29	43	35930	18.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	28877	19.089	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	42845	38.526	ug/l #	1
77) Bromobenzene	12.76	156	51698	19.234	ug/l	98
78) n-propylbenzene	12.82	91	218128	17.964	ug/l	98
79) 2-Chlorotoluene	12.91	91	126825	18.288	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	168272	18.404	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	10523	20.085	ug/l	97
82) 4-Chlorotoluene	13.01	91	136223	18.540	ug/l	98
83) tert-Butylbenzene	13.23	119	144893	18.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	167958	18.702	ug/l	100
85) sec-Butylbenzene	13.40	105	195308	18.770	ug/l	99
86) p-Isopropyltoluene	13.52	119	185844	18.523	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93922	18.720	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	96132	19.083	ug/l	100
89) n-Butylbenzene	13.85	91	160164	18.090	ug/l	99
90) Hexachloroethane	14.11	117	34796	17.556	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	83660	19.369	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6172	19.453	ug/l	100

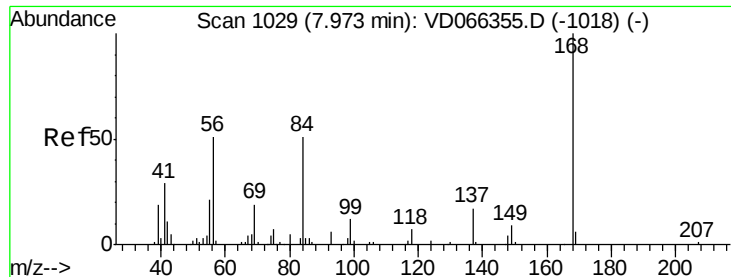
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
Data File : VD066397.D
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Operator : VA/SY
Sample : VD0825SBSD01
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MSVOA_D
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Quant Title : SW846 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	62976	18.676	ug/l	99
94) Hexachlorobutadiene	15.27	225	38582	18.412	ug/l	97
95) Naphthalene	15.41	128	100068	18.895	ug/l	97
96) 1,2,3-Trichlorobenzene	15.60	180	54085	18.724	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1028

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

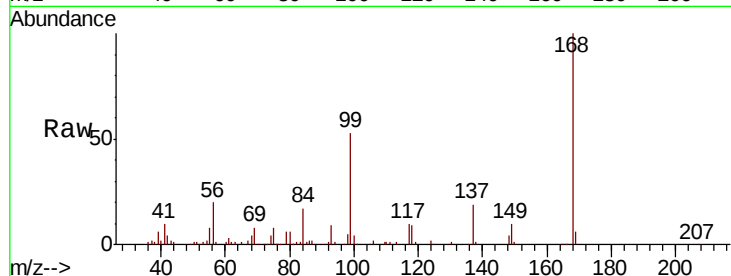
VD0825SBSD01

Tot Ion:168 Resp: 221795

Ion Ratio Lower Upper

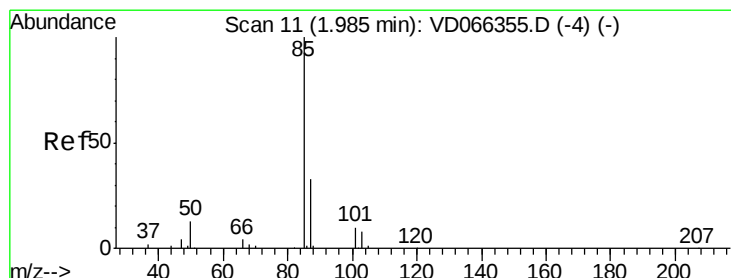
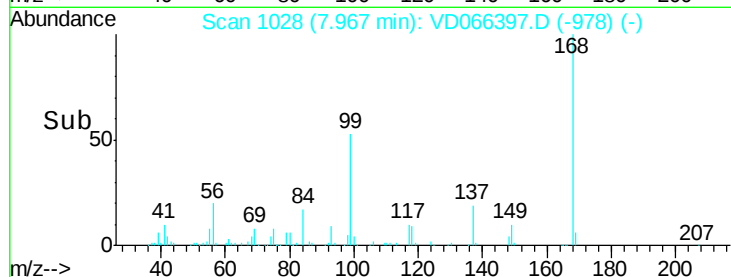
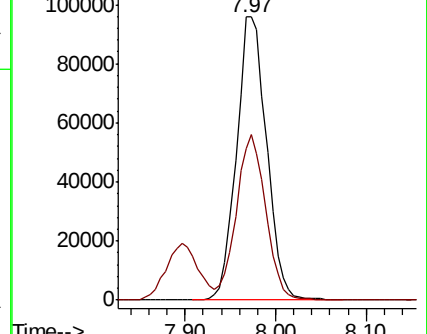
168 100

99 53.4 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 19.370 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066397.D

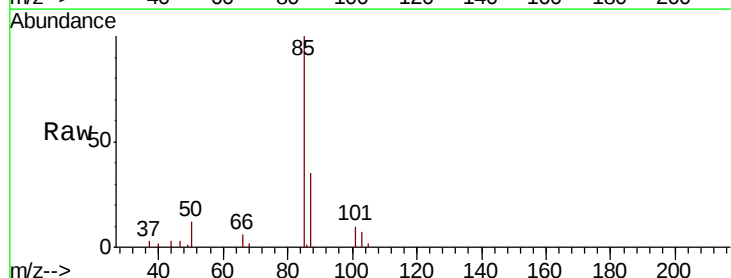
Acq: 25 Aug 2020 12:51

Tgt Ion: 85 Resp: 36524

Ion Ratio Lower Upper

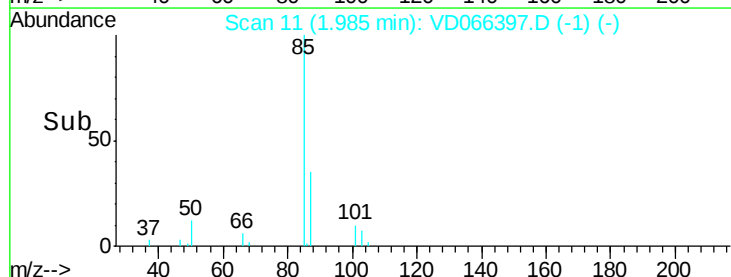
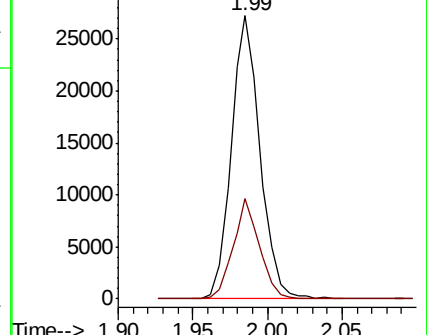
85 100

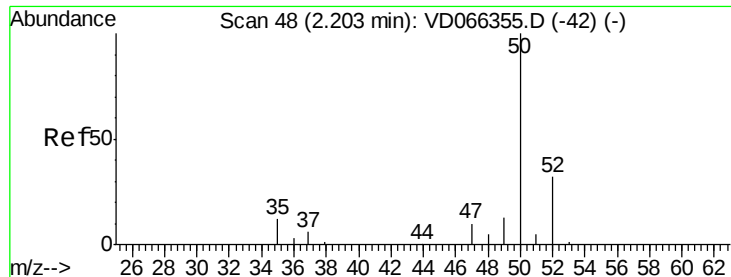
87 35.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.152 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

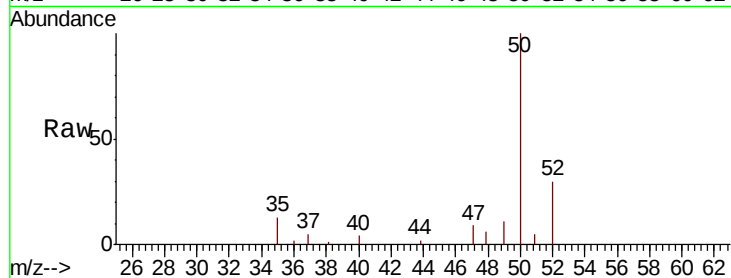
VD0825SBSD01

Tot Ion: 50 Resp: 24262

Ion Ratio Lower Upper

50 100

52 30.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

20000

15000

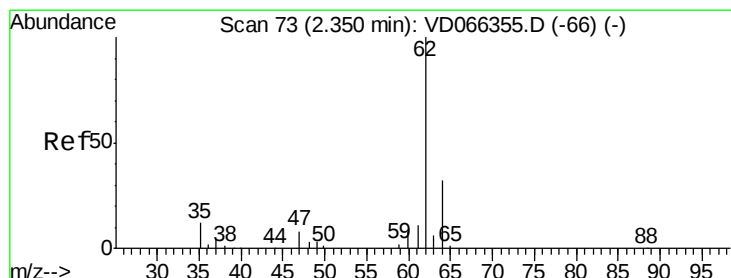
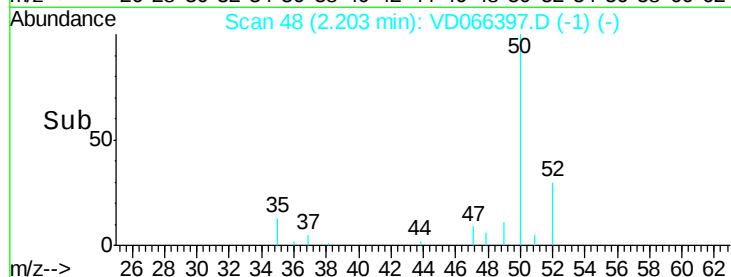
10000

5000

0

Time-->

2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 17.659 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066397.D

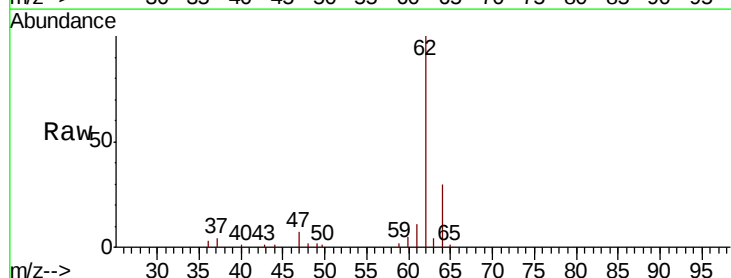
Acq: 25 Aug 2020 12:51

Tgt Ion: 62 Resp: 25341

Ion Ratio Lower Upper

62 100

64 29.6 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.34

20000

15000

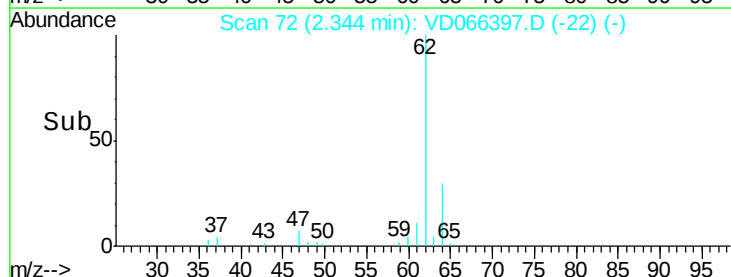
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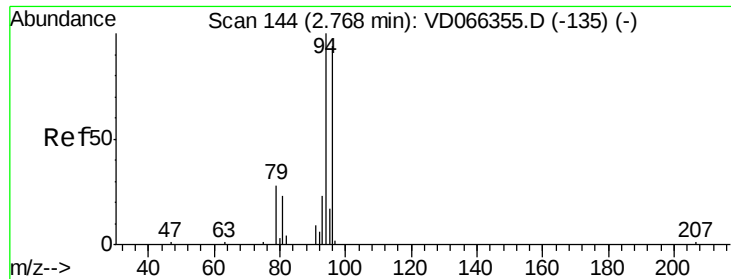
5000

0

Time-->

2.30 2.35 2.40





#5

Bromomethane

Concen: 18.486 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

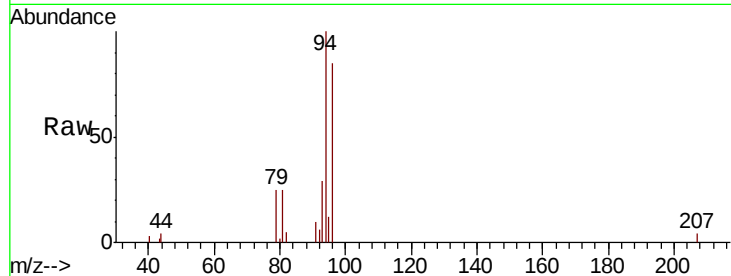
VD0825SBSD01

Tot Ion: 94 Resp: 19842

Ion Ratio Lower Upper

94 100

96 85.5 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

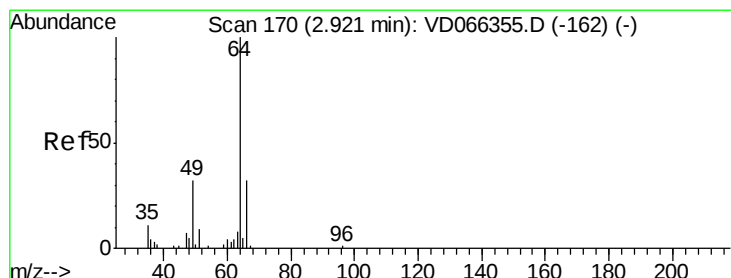
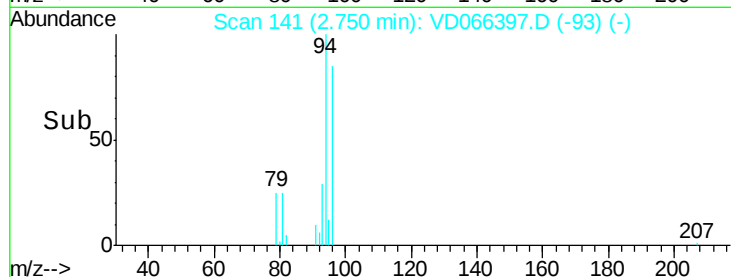
2000

0

Time-->

2.70

2.80



#6

Chloroethane

Concen: 18.593 ug/l

RT: 2.91 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD066397.D

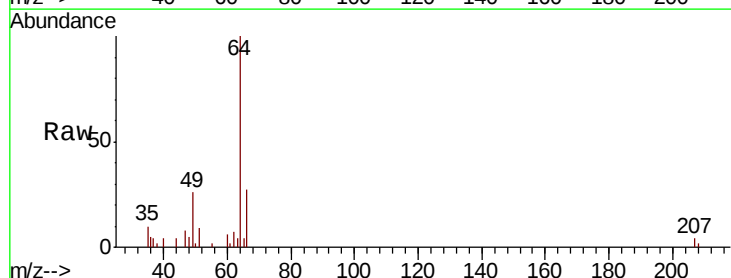
Acq: 25 Aug 2020 12:51

Tgt Ion: 64 Resp: 17085

Ion Ratio Lower Upper

64 100

66 26.7 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

10000

8000

6000

4000

2000

0

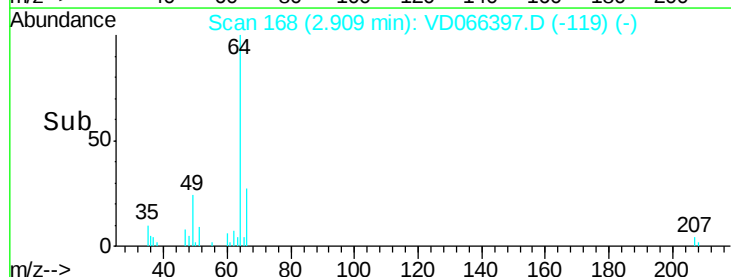
Time-->

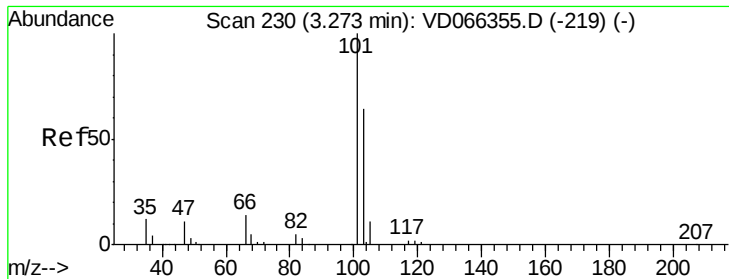
2.85

2.90

2.95

3.00



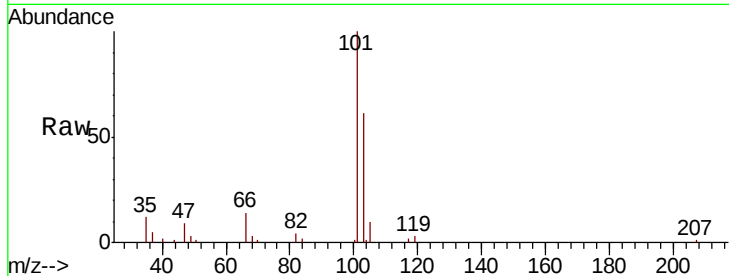


#7

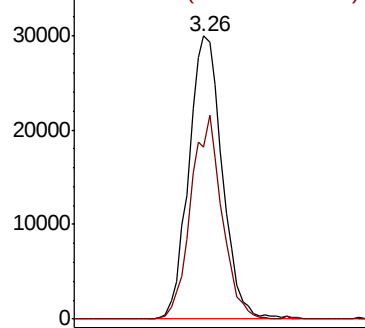
Trichlorofluoromethane
 Concen: 18.890 ug/l
 RT: 3.26 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Instrument :
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 VD0825SBSD01

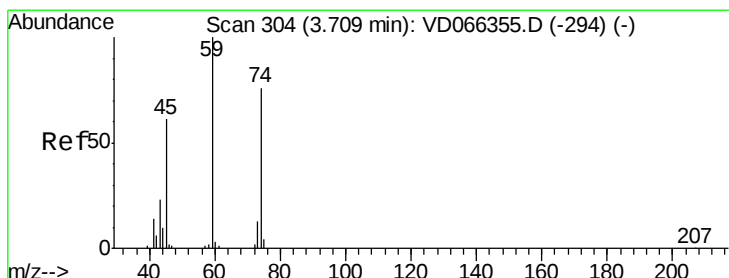
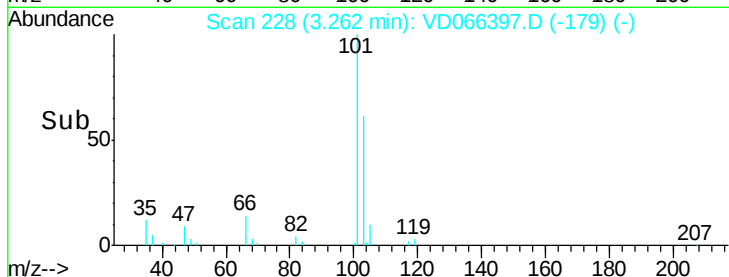
Tot Ion:101 Resp: 73713
 Ion Ratio Lower Upper
 101 100
 103 60.6 51.4 77.0



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



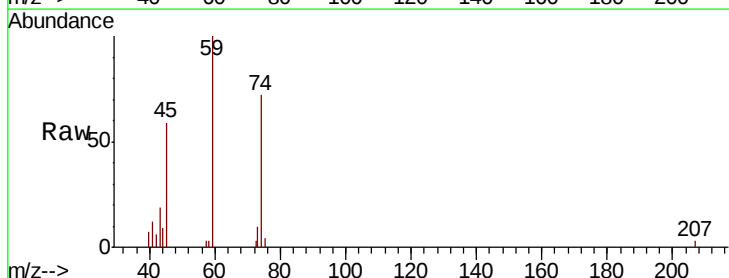
Time-->



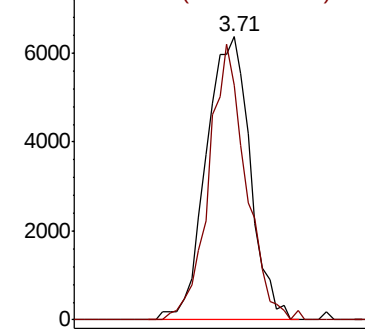
#8

Diethyl Ether
 Concen: 18.443 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

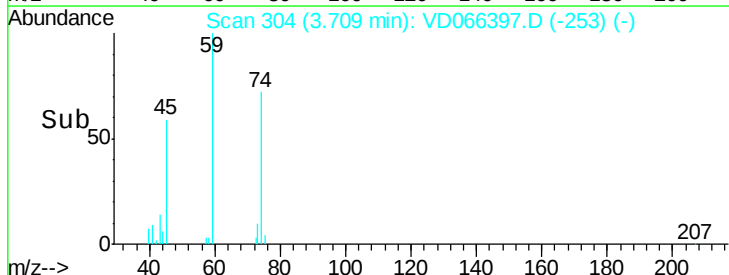
Tgt Ion: 74 Resp: 16125
 Ion Ratio Lower Upper
 74 100
 45 82.7 42.8 128.3

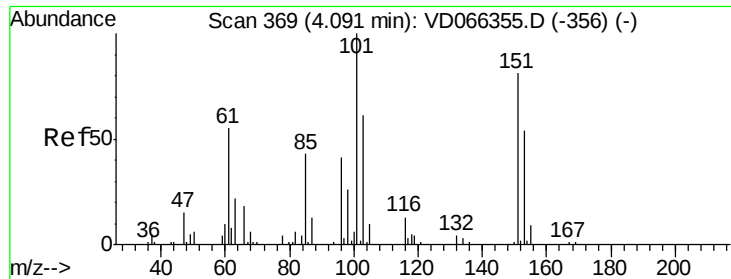


Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.532 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

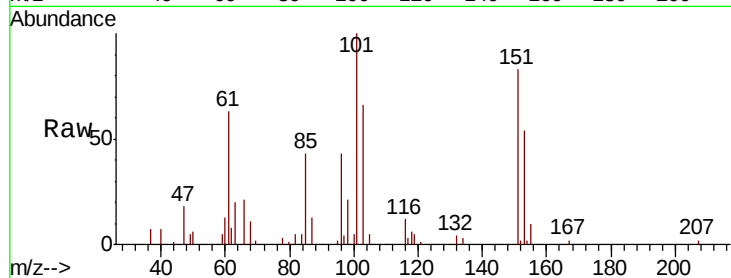
Tot Ion:101 Resp: 35689

Ion Ratio Lower Upper

101 100

85 44.5 36.4 54.6

151 86.7 70.5 105.7

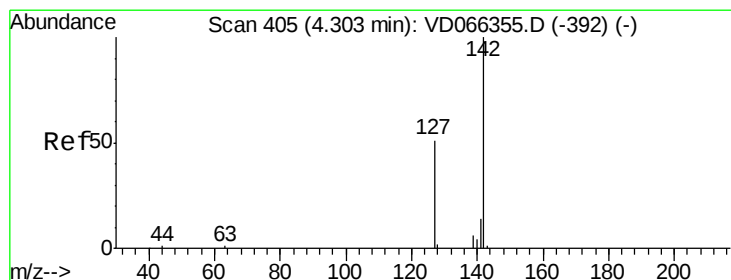
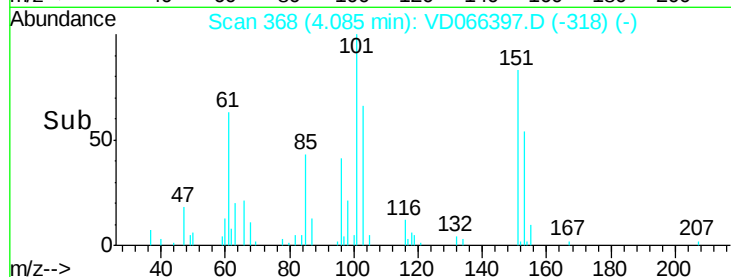
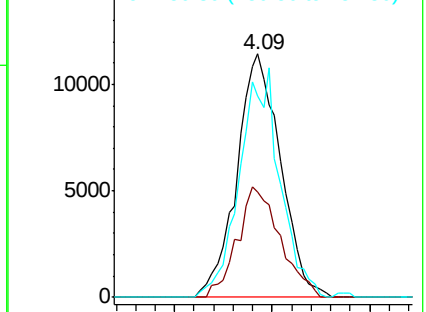


Abundance

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: 14.706 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

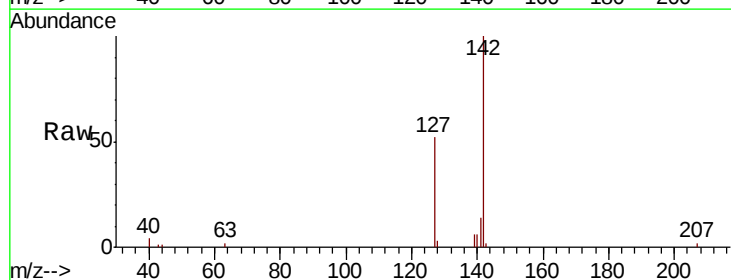
Tgt Ion:142 Resp: 32301

Ion Ratio Lower Upper

142 100

127 53.0 41.8 62.8

141 14.5 11.8 17.6

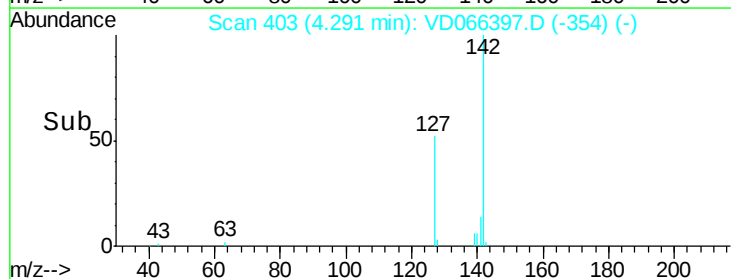
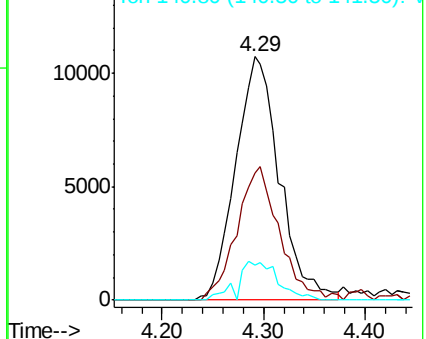


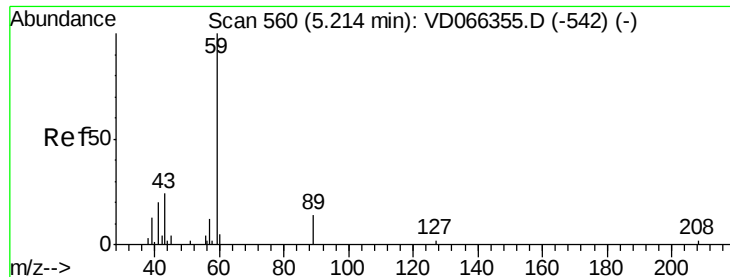
Abundance

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: 54.882 ug/l

RT: 5.19 min Scan# 555

Delta R.T. -0.03 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

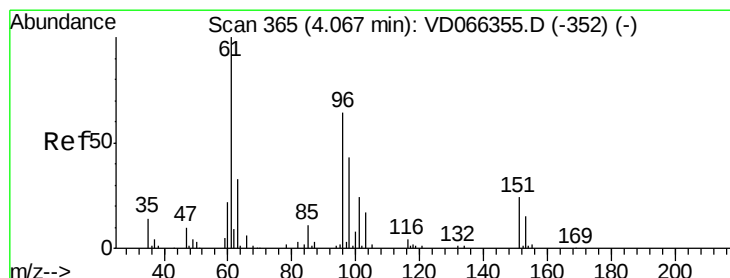
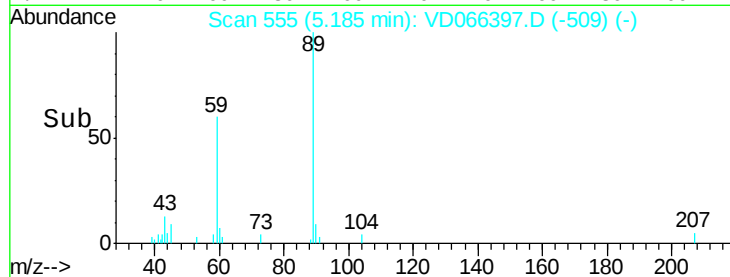
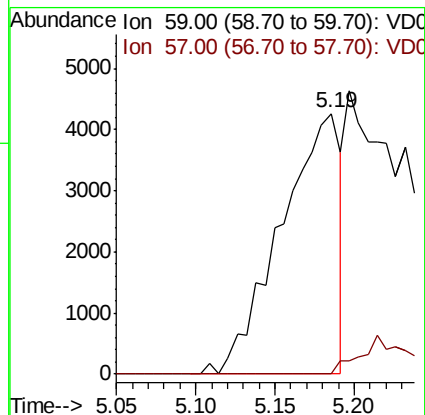
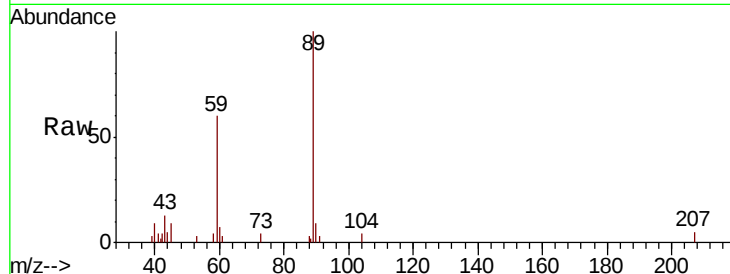
VD0825SBSD01

Tot Ion: 59 Resp: 11112

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 18.002 ug/l

RT: 4.06 min Scan# 364

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

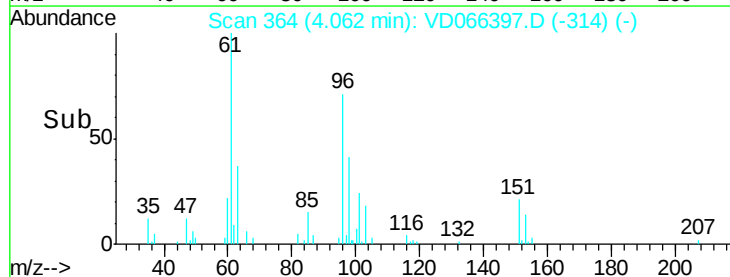
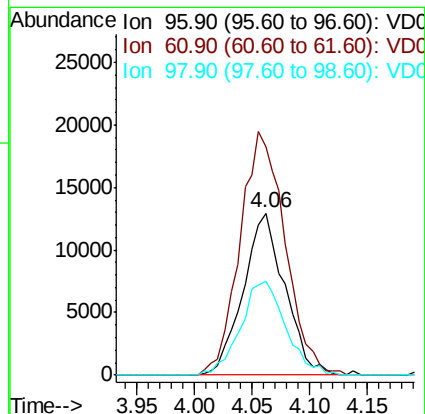
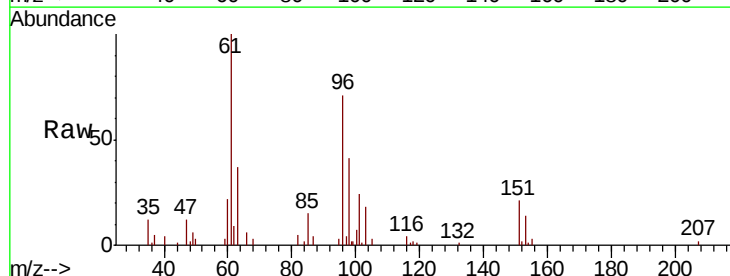
Tgt Ion: 96 Resp: 32543

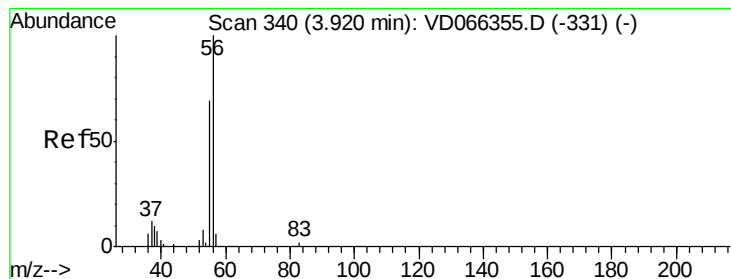
Ion Ratio Lower Upper

96 100

61 141.4 124.3 186.5

98 58.0 53.2 79.8





#13

Acrolein

Concen: 86.702 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

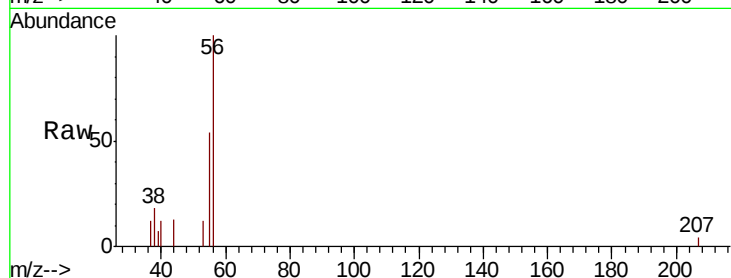
VD0825SBSD01

Tot Ion: 56 Resp: 8372

Ion Ratio Lower Upper

56 100

55 68.0 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

4000

3000

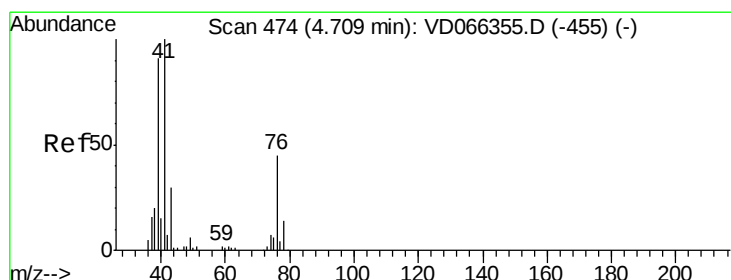
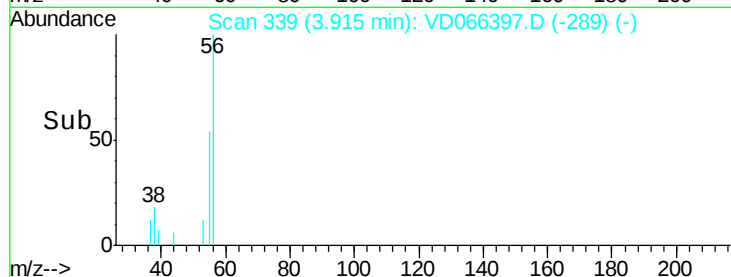
2000

1000

0

Time-->

3.85 3.90 3.95 4.00



#14

Allyl chloride

Concen: 17.506 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

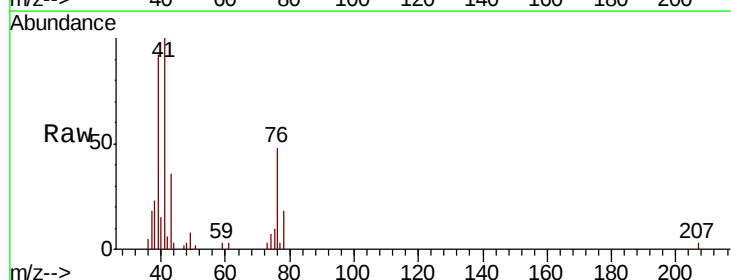
Tgt Ion: 41 Resp: 42238

Ion Ratio Lower Upper

41 100

39 93.9 72.8 109.2

76 46.2 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

15000

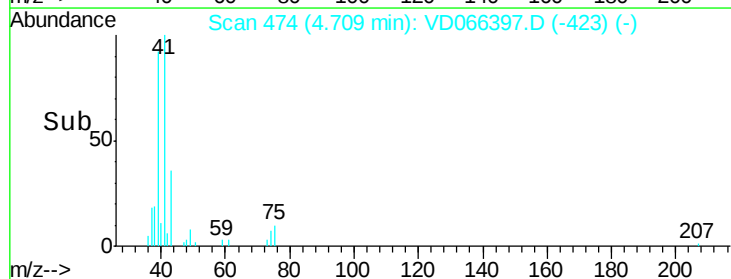
10000

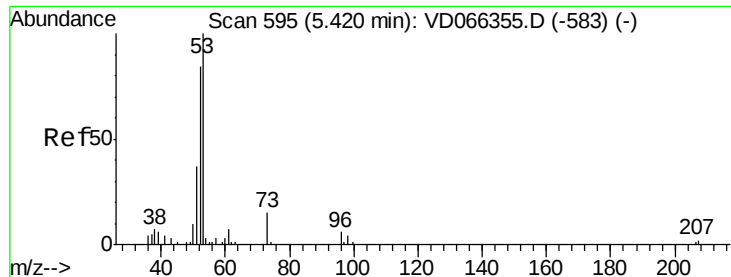
5000

0

Time-->

4.60 4.70 4.80





#15

Acrylonitrile

Concen: 102.996 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

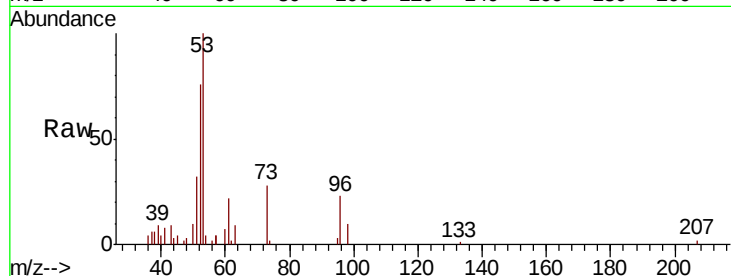
Tot Ion: 53 Resp: 36131

Ion Ratio Lower Upper

53 100

52 79.3 68.1 102.1

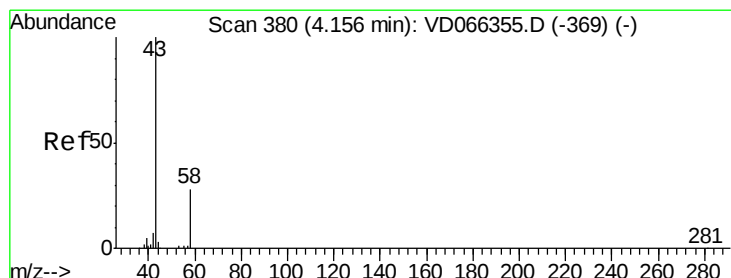
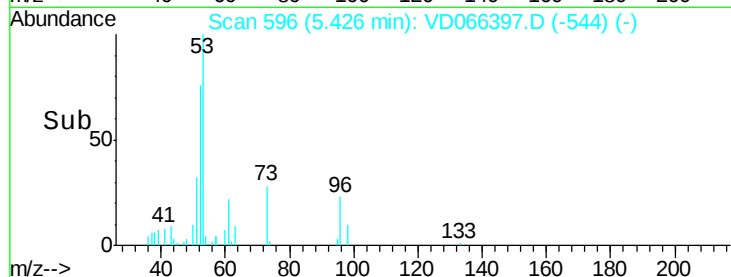
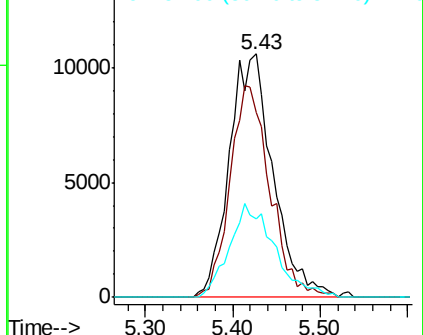
51 39.7 33.8 50.6



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: 93.456 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066397.D

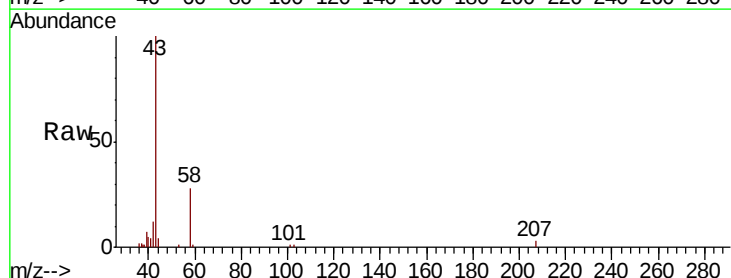
Acq: 25 Aug 2020 12:51

Tgt Ion: 43 Resp: 36637

Ion Ratio Lower Upper

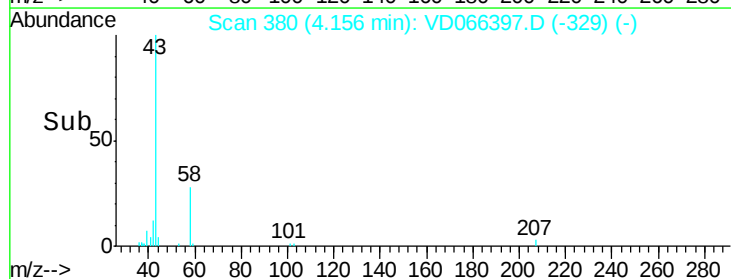
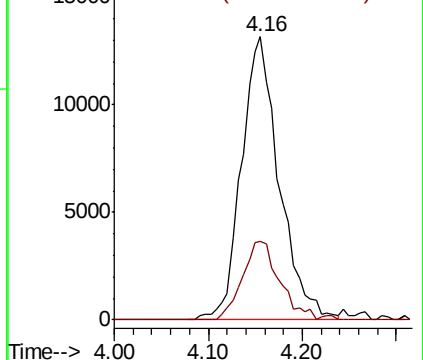
43 100

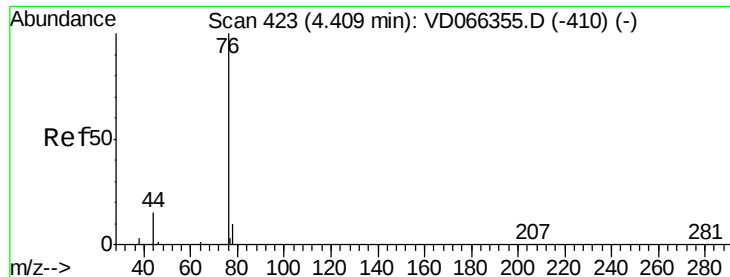
58 27.7 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 17.263 ug/l

RT: 4.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

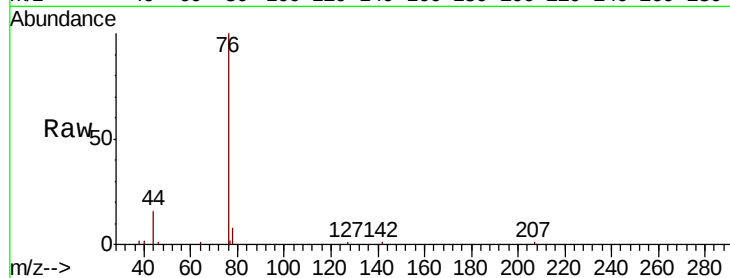
VD0825SBS01

Tot Ion: 76 Resp: 94576

Ion Ratio Lower Upper

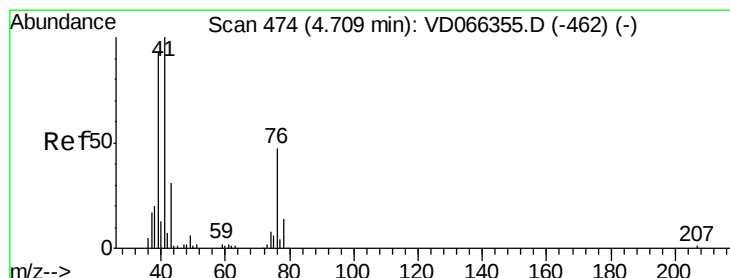
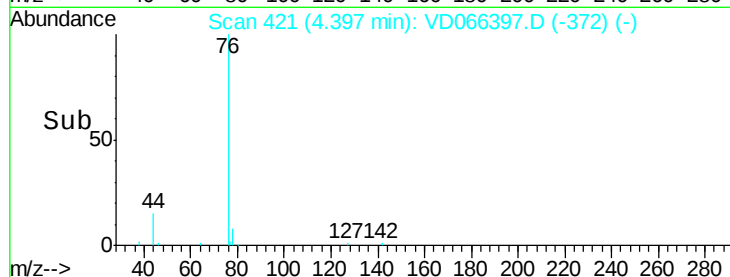
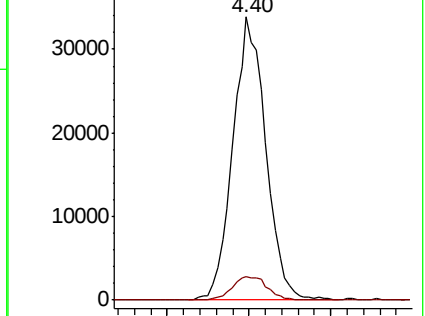
76 100

78 8.2 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 20.500 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066397.D

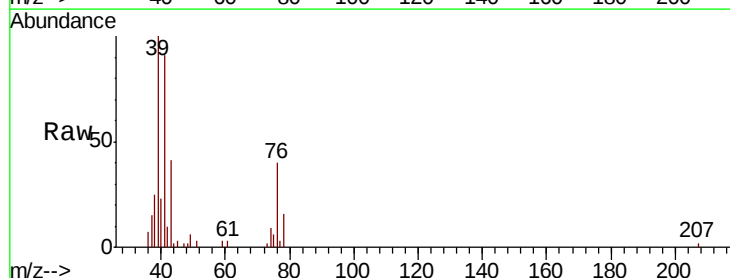
Acq: 25 Aug 2020 12:51

Tgt Ion: 43 Resp: 15083

Ion Ratio Lower Upper

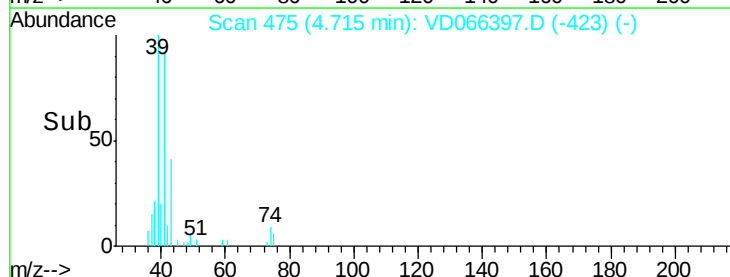
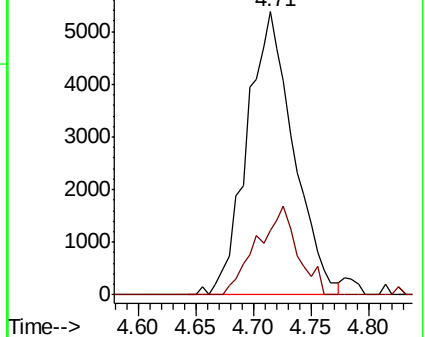
43 100

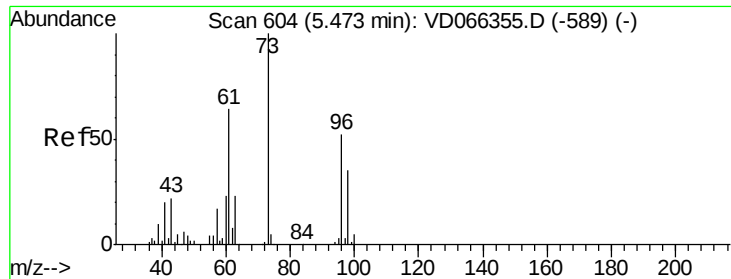
74 27.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC

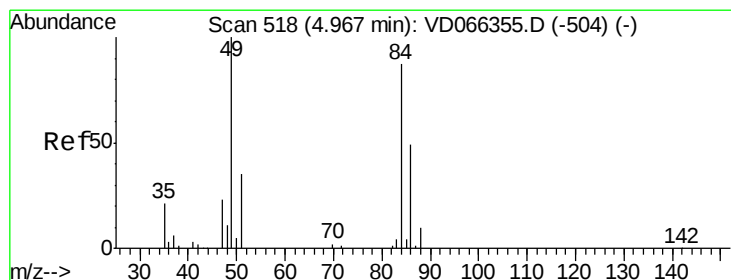
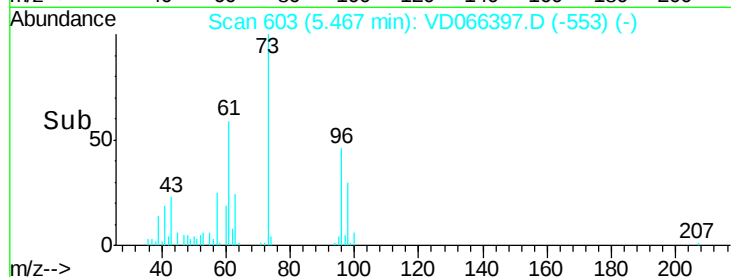
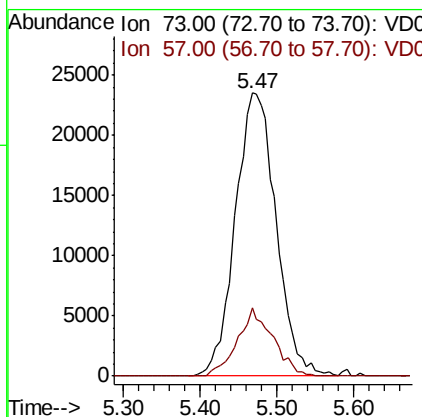
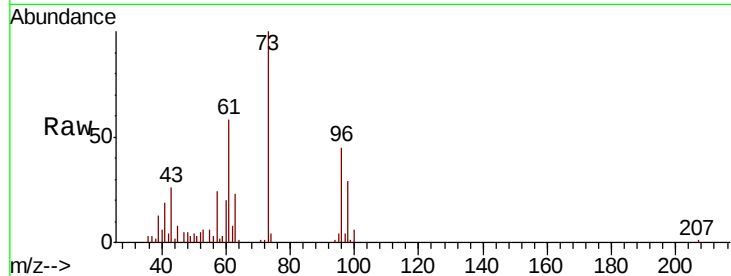




#19
Methvl tert-butvl Ether
Concen: 20.010 ug/l
RT: 5.47 min Scan# 603
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

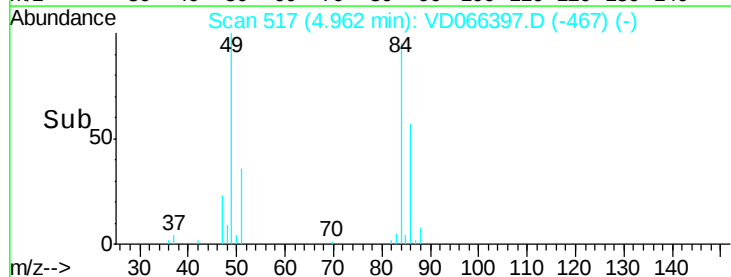
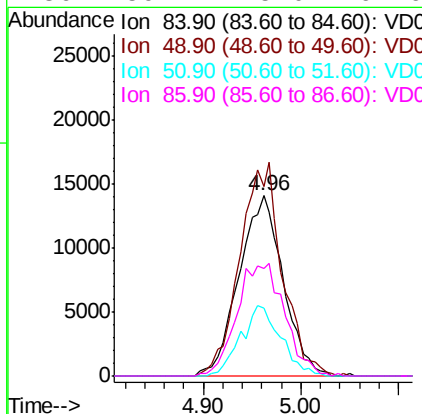
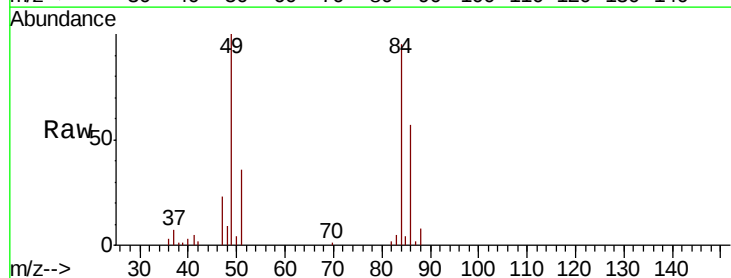
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

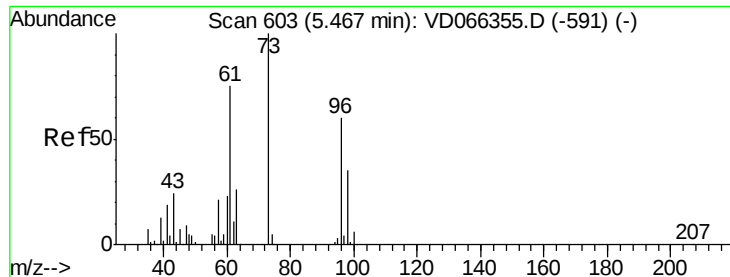
Tot Ion: 73 Resp: 87100
Ion Ratio Lower Upper
73 100
57 24.2 13.8 20.6#



#20
Methylene Chloride
Concen: 17.038 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion: 84 Resp: 44438
Ion Ratio Lower Upper
84 100
49 105.4 92.5 138.7
51 37.5 32.5 48.7
86 59.7 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 17.707 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

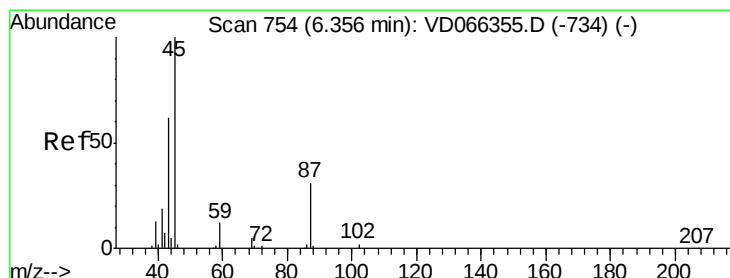
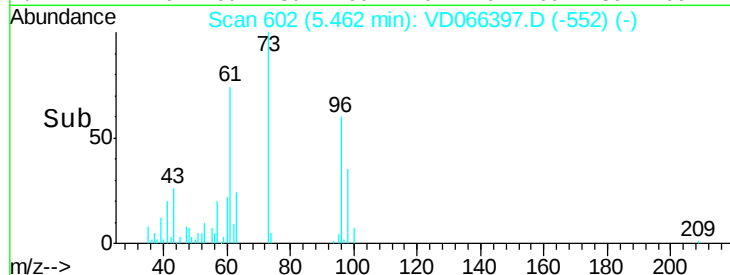
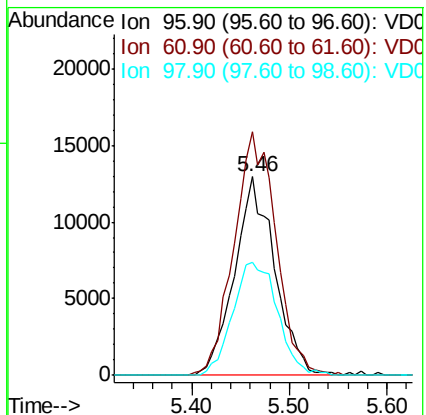
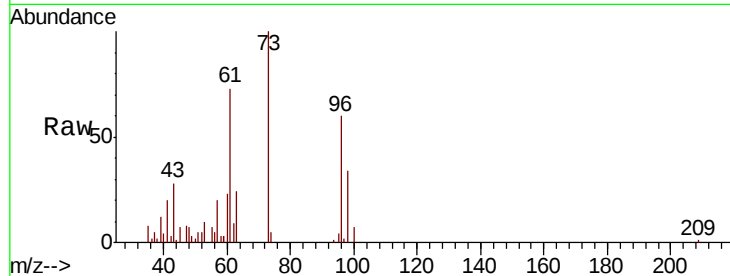
Tot Ion: 96 Resp: 37260

Ion Ratio Lower Upper

96 100

61 122.8 101.1 151.7

98 57.1 47.0 70.6



#22

Diisopropyl ether

Concen: 18.843 ug/l

RT: 6.36 min Scan# 755

Delta R.T. 0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Tgt Ion: 45 Resp: 88027

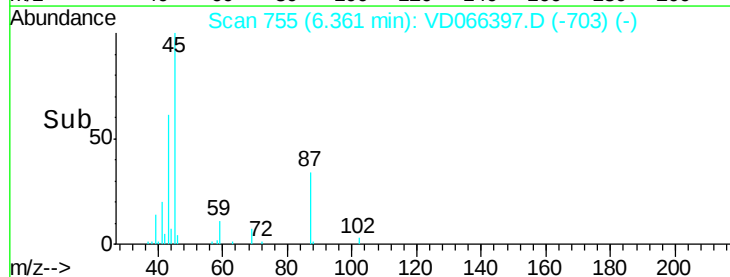
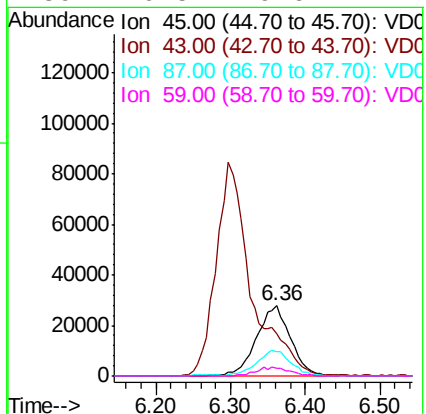
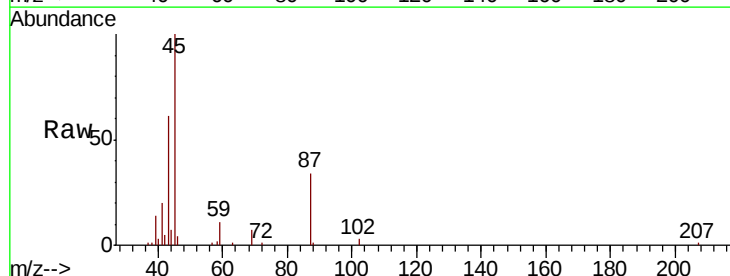
Ion Ratio Lower Upper

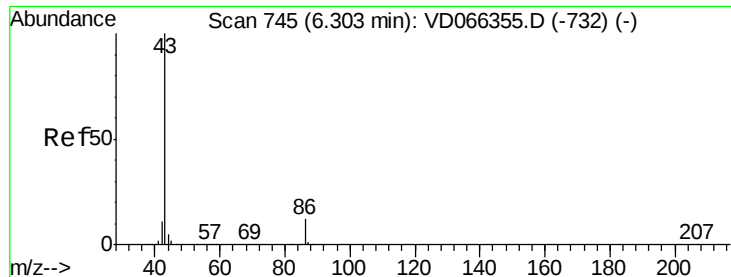
45 100

43 59.0 49.8 74.8

87 33.9 25.0 37.6

59 10.5 9.6 14.4





#23

Vinyl Acetate

Concen: 96.231 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

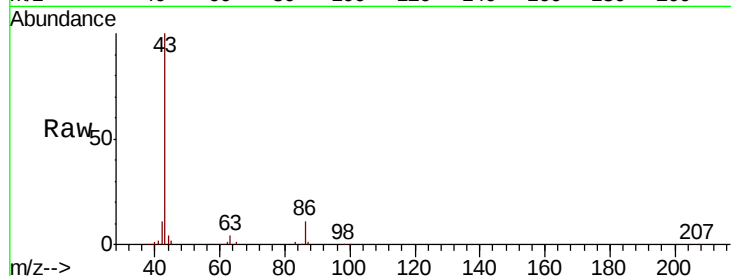
VD0825SBS01

Tot Ion: 43 Resp: 278296

Ion Ratio Lower Upper

43 100

86 11.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

80000

60000

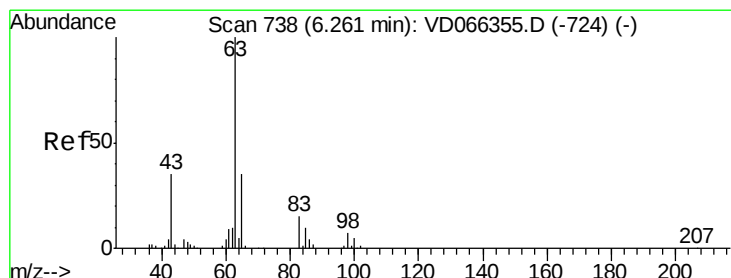
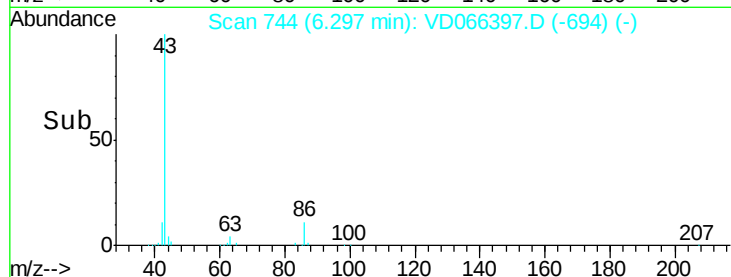
40000

20000

0

Time-->

6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 18.246 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

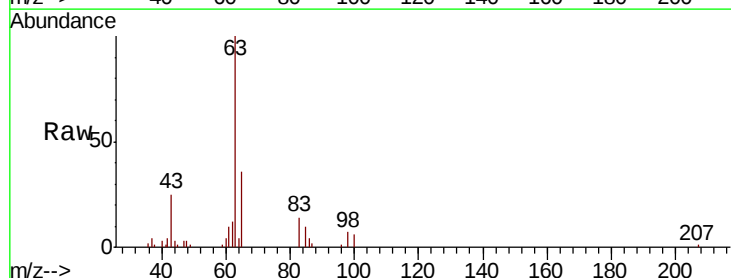
Tgt Ion: 63 Resp: 60236

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.6

100 5.7 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

25000

20000

15000

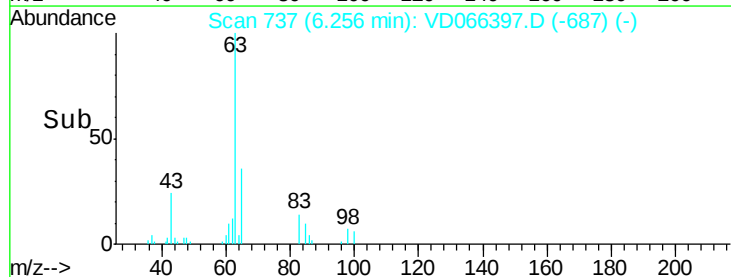
10000

5000

0

Time-->

6.10 6.20 6.30 6.40





#25

2-Butanone

Concen: 100.092 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

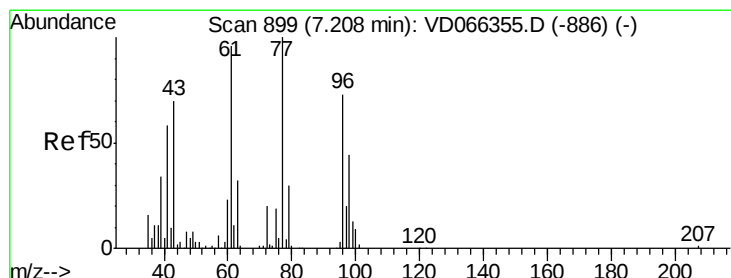
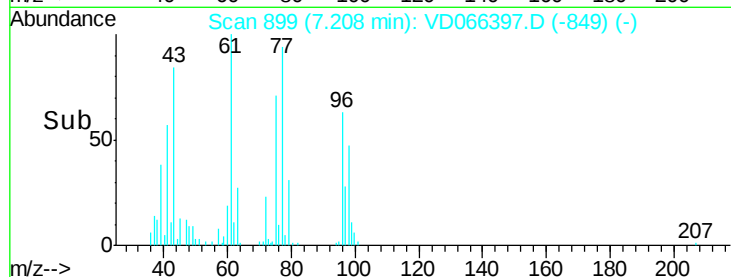
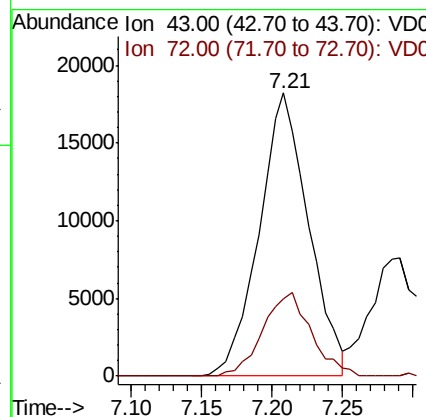
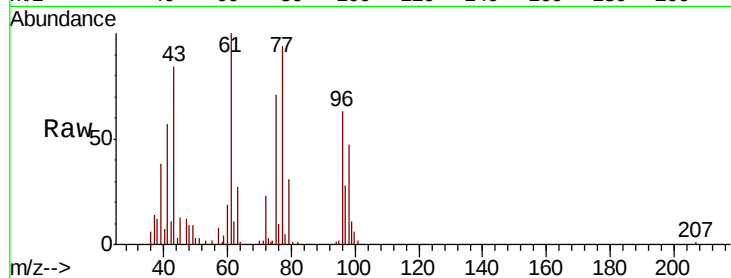
VD0825SBSD01

Tot Ion: 43 Resp: 44545

Ion Ratio Lower Upper

43 100

72 27.2 22.5 33.7



#26

2,2-Dichloropropane

Concen: 19.006 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.01 min

Lab File: VD066397.D

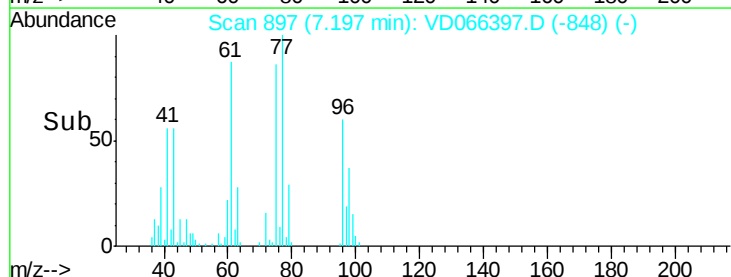
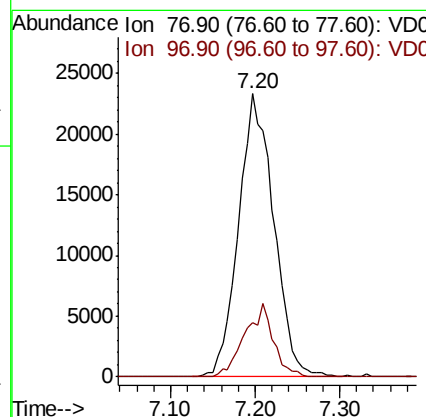
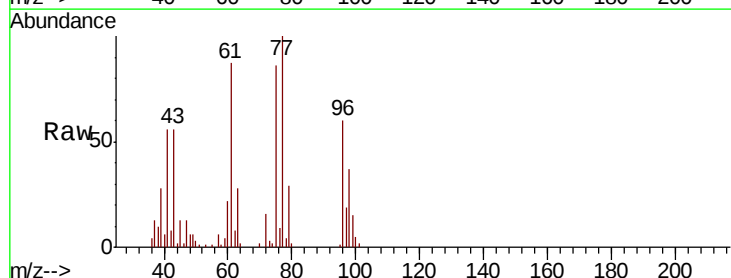
Acq: 25 Aug 2020 12:51

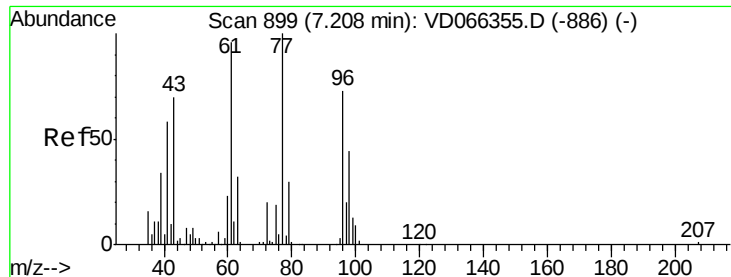
Tgt Ion: 77 Resp: 67247

Ion Ratio Lower Upper

77 100

97 21.1 10.7 31.9



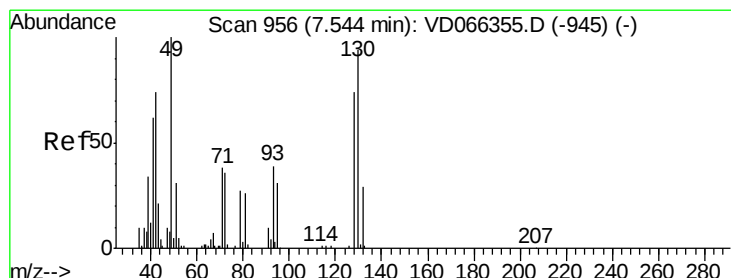
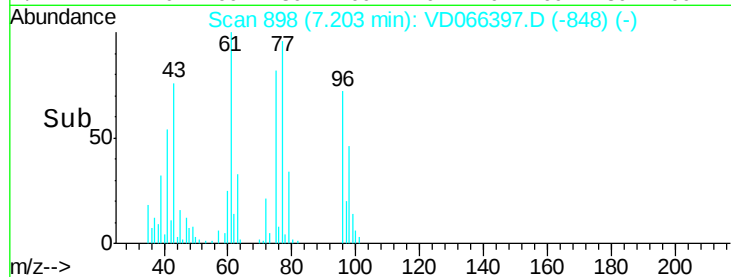
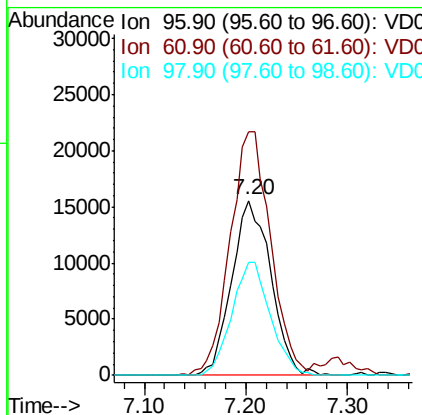
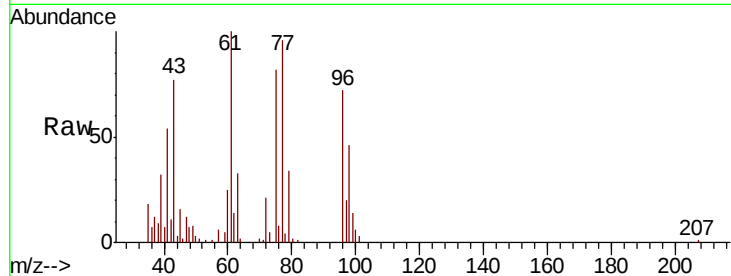


#27

cis-1,2-Dichloroethene
 Concen: 18.437 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

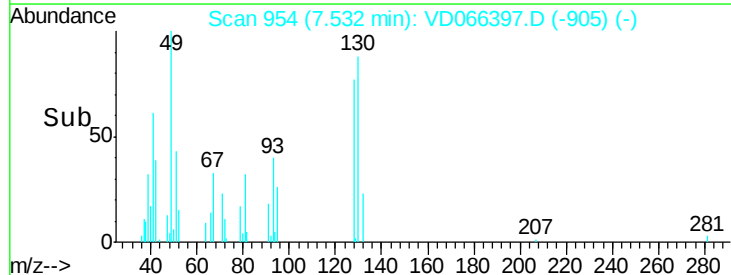
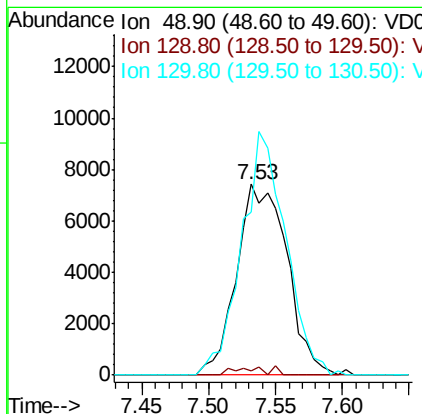
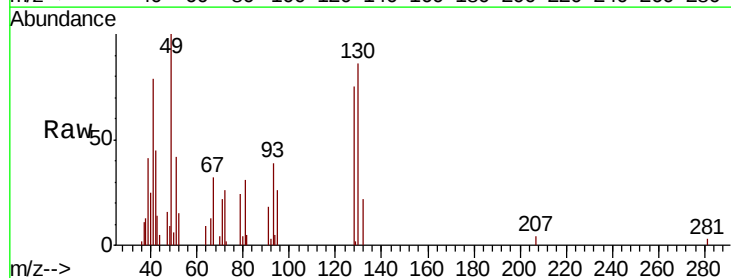
Tot Ion: 96 Resp: 41570
 Ion Ratio Lower Upper
 96 100
 61 144.8 0.0 281.4
 98 63.6 0.0 132.2

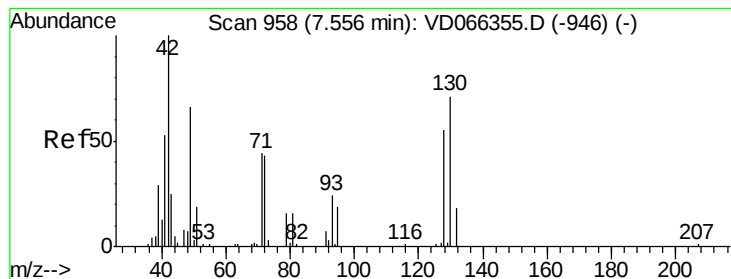


#28

Bromochloromethane
 Concen: 17.113 ug/l
 RT: 7.53 min Scan# 954
 Delta R.T. -0.01 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion: 49 Resp: 19460
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 3.0
 130 111.8 82.6 124.0





#29

Tetrahydrofuran

Concen: 103.502 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

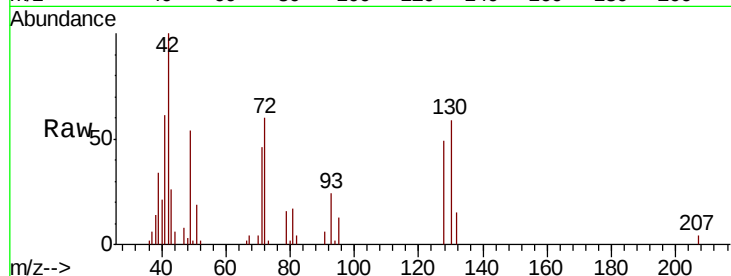
Tot Ion: 42 Resp: 26163

Ion Ratio Lower Upper

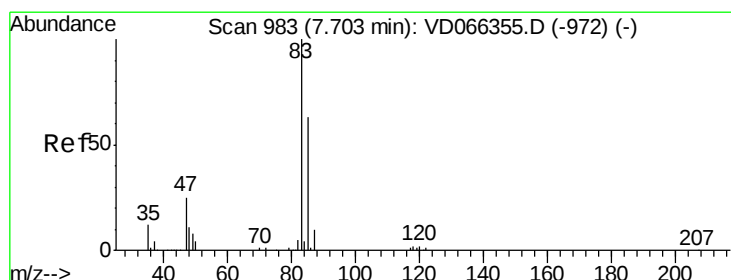
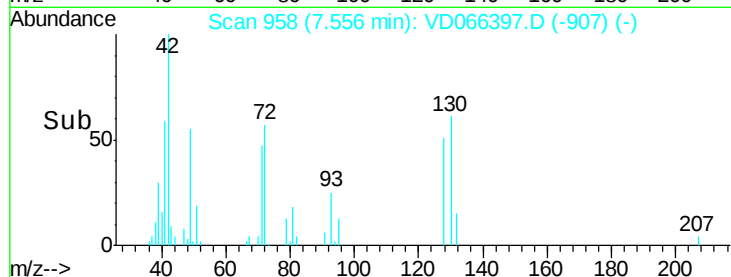
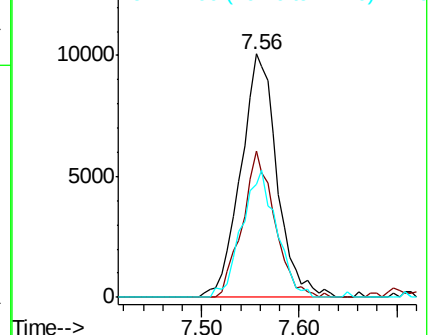
42 100

72 53.6 41.0 61.4

71 50.0 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: 18.952 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066397.D

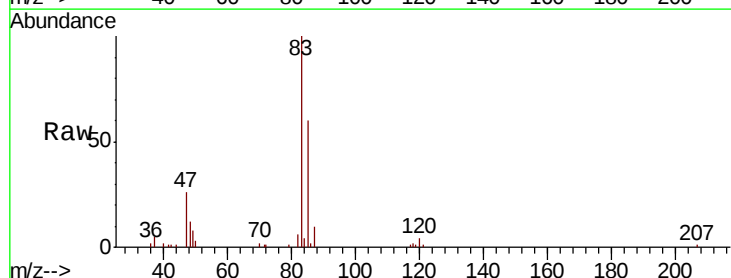
Acq: 25 Aug 2020 12:51

Tgt Ion: 83 Resp: 72387

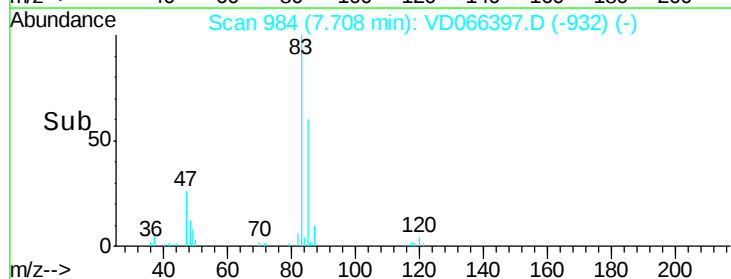
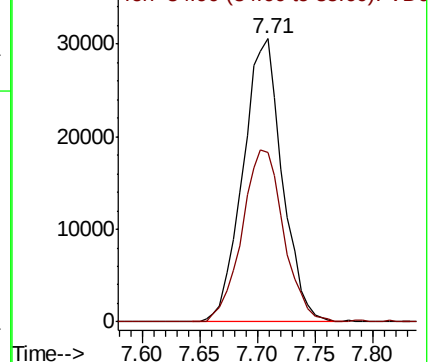
Ion Ratio Lower Upper

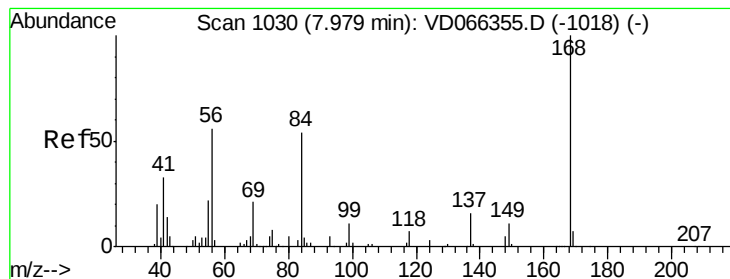
83 100

85 60.0 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: 17.454 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

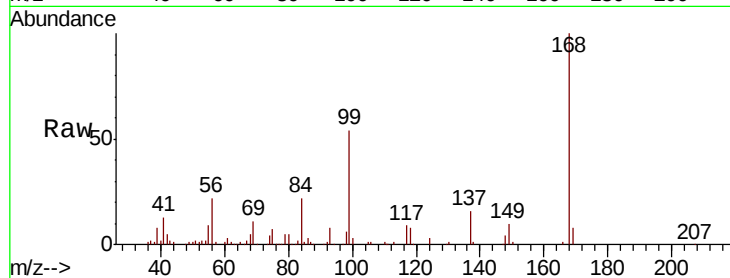
Tot Ion: 56 Resp: 52699

Ion Ratio Lower Upper

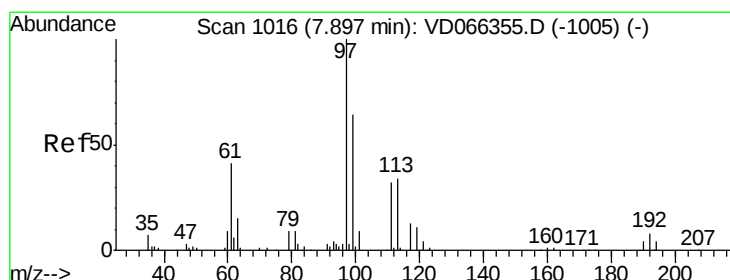
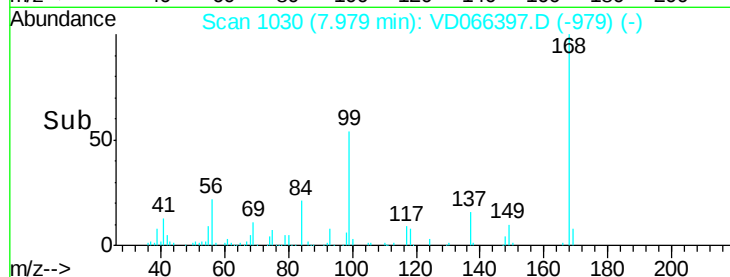
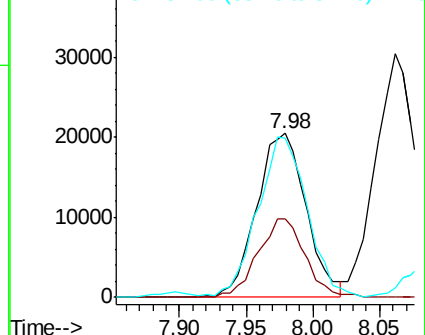
56 100

69 47.8 29.6 44.4#

84 94.7 76.6 115.0



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



#32

1,1,1-Trichloroethane

Concen: 18.969 ug/l

RT: 7.89 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

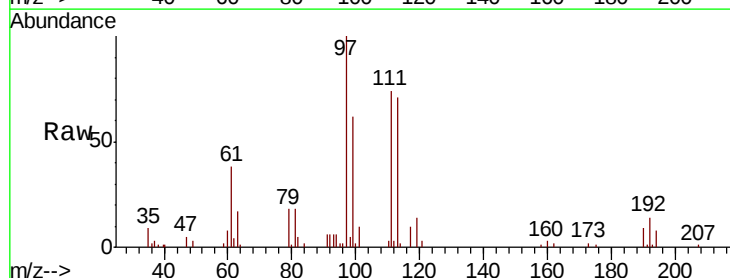
Tgt Ion: 97 Resp: 74153

Ion Ratio Lower Upper

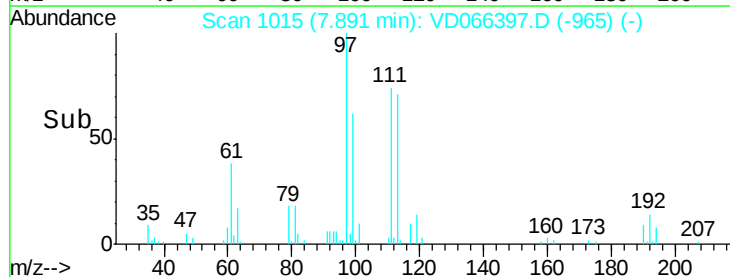
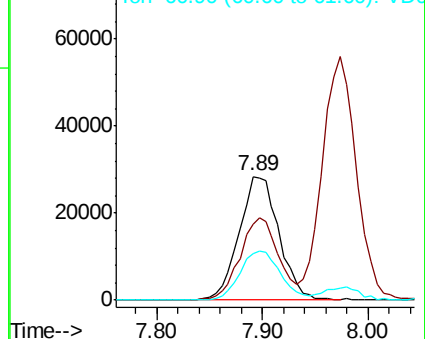
97 100

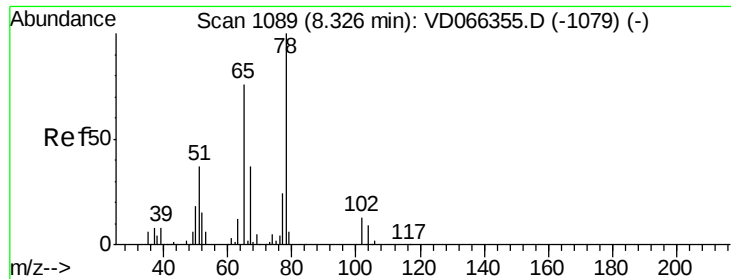
99 64.5 51.5 77.3

61 40.2 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC

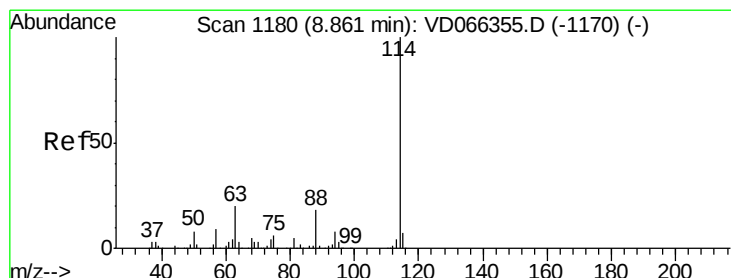
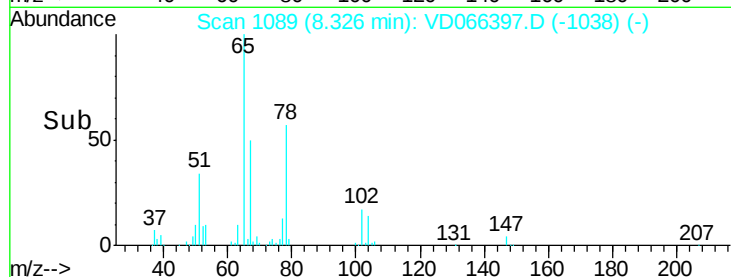
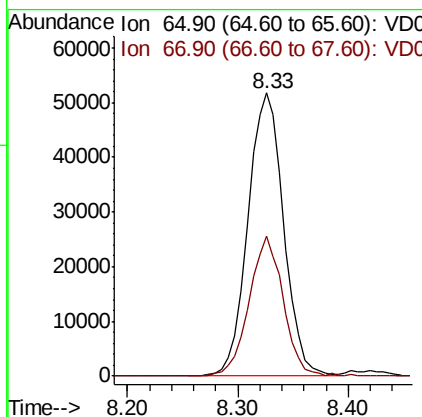
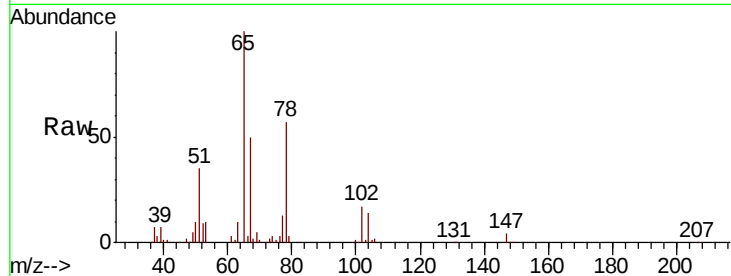




#33
 1,2-Dichloroethane-d4
 Concen: 54.133 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

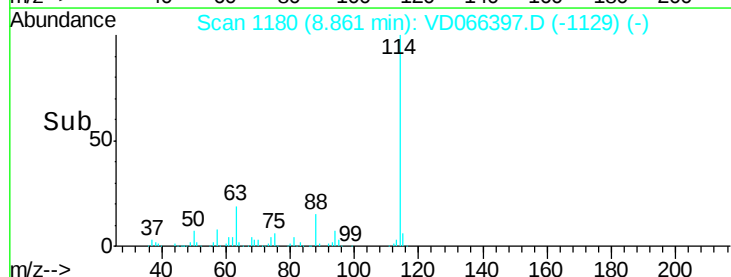
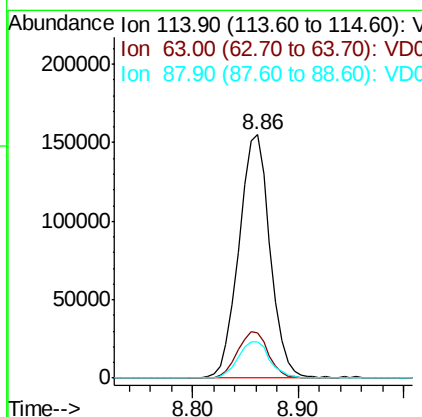
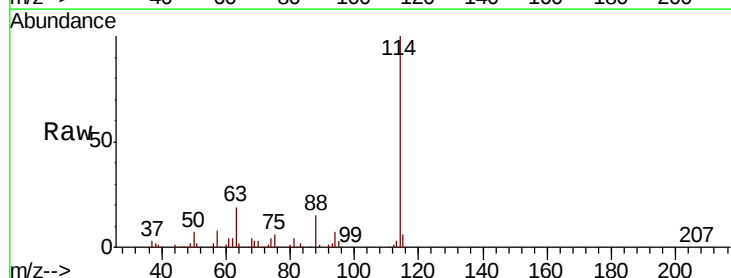
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

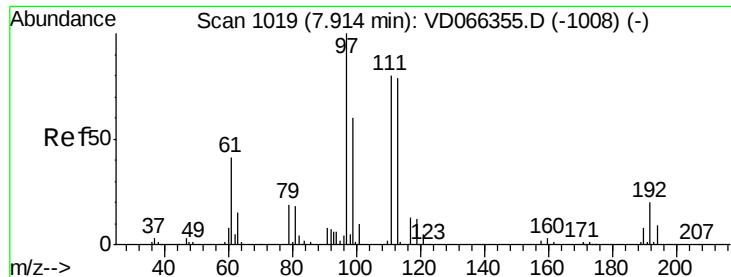
Tot Ion: 65 Resp: 117710
 Ion Ratio Lower Upper
 65 100
 67 47.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion: 114 Resp: 317508
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.8
 88 14.7 0.0 35.4

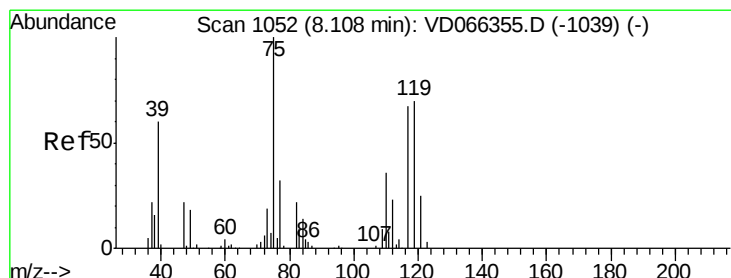
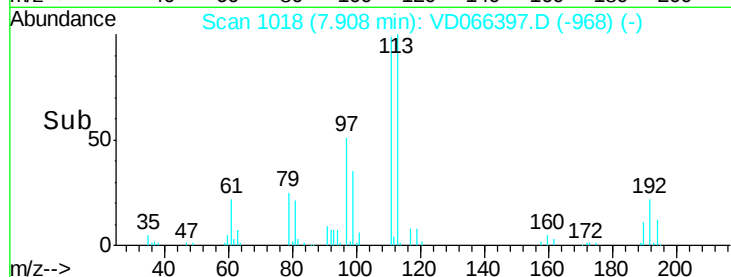
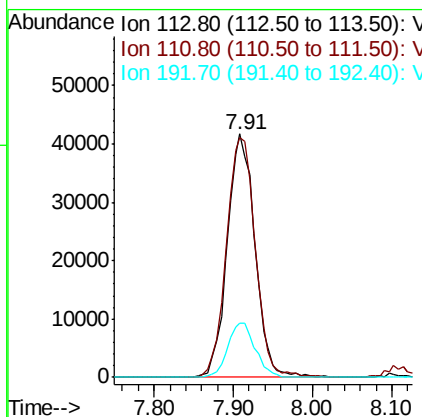
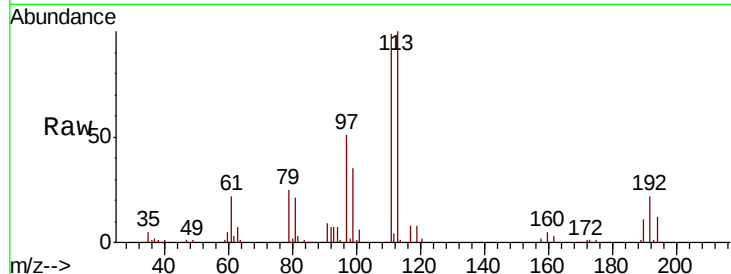




#35
 Dibromofluoromethane
 Concen: 50.747 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

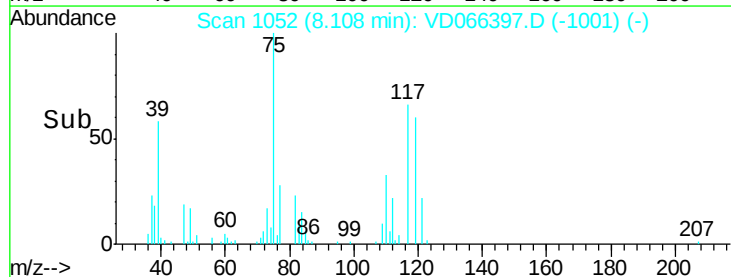
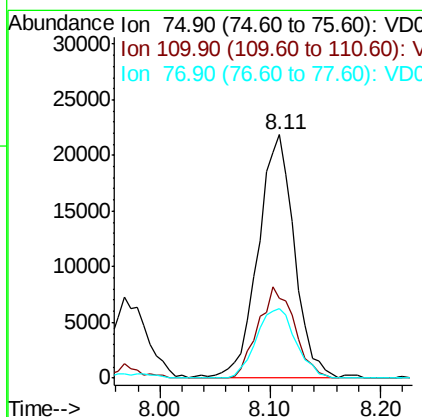
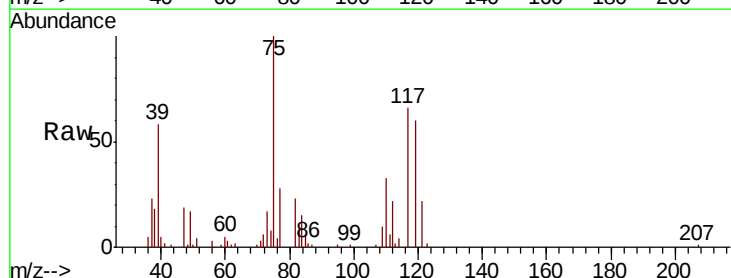
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

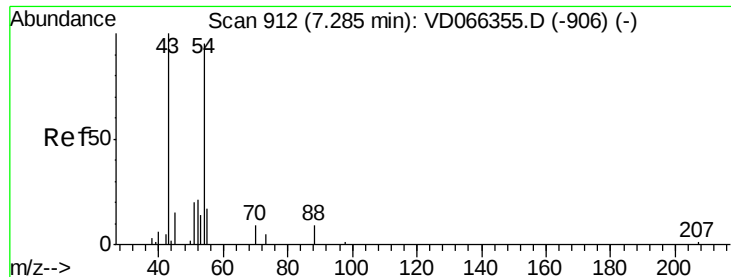
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.3	120.5
192	22.1	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 17.368 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.7	56.1
77	30.8	25.2	37.8

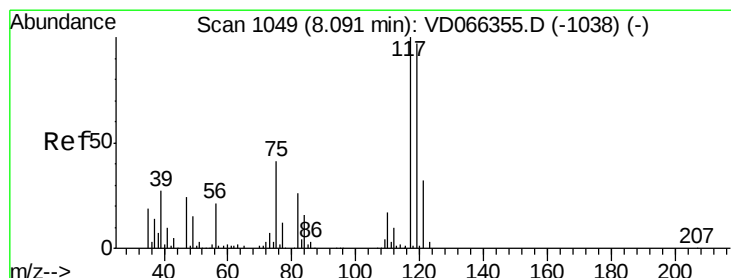
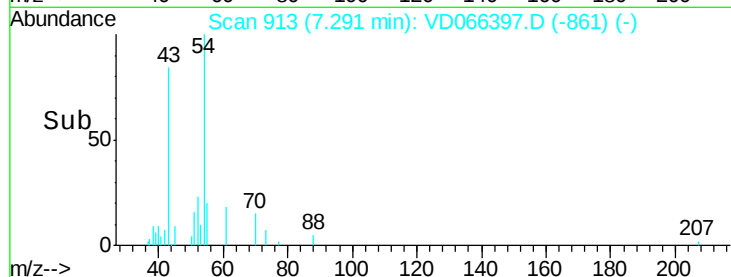
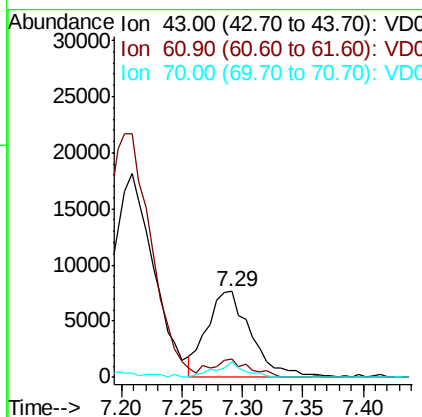
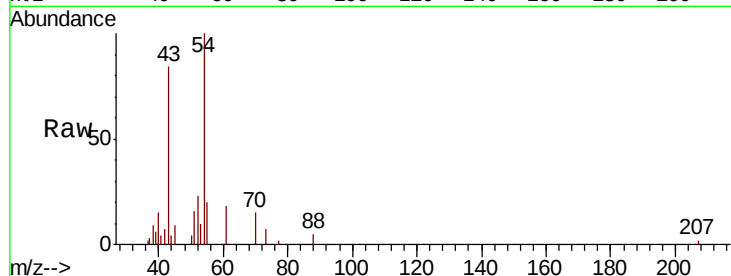




#37
Ethyl Acetate
Concen: 19.831 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

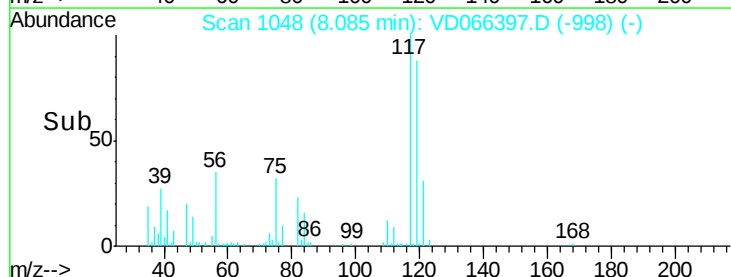
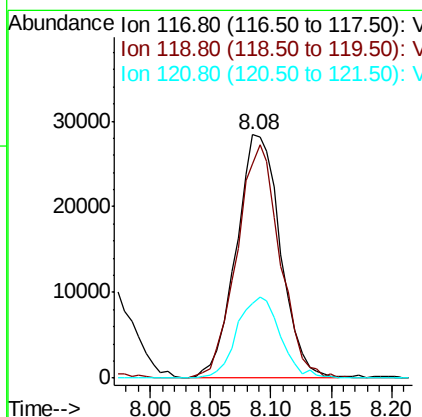
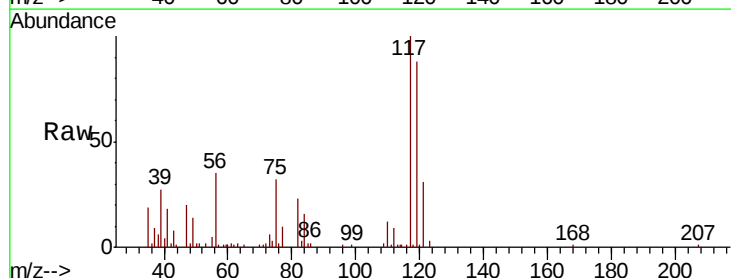
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBS01

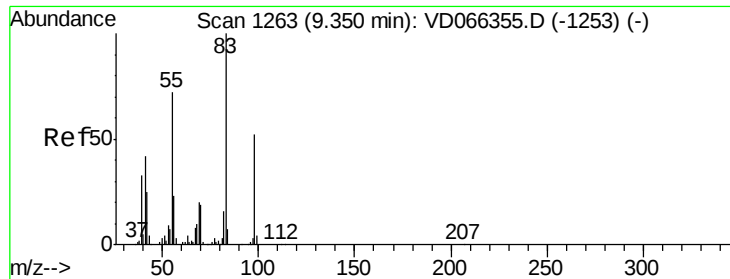
Tot Ion: 43 Resp: 19540
Ion Ratio Lower Upper
43 100
61 18.3 13.3 19.9
70 12.0 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 19.200 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion: 117 Resp: 72469
Ion Ratio Lower Upper
117 100
119 88.2 77.2 115.8
121 30.9 25.8 38.8

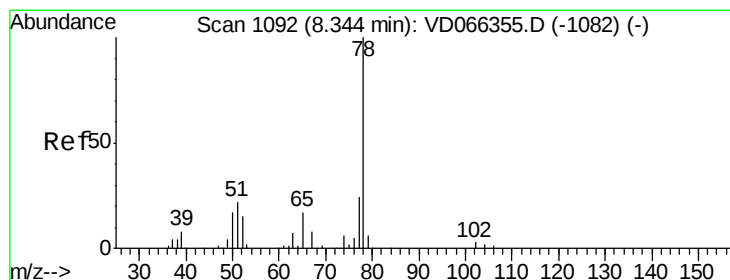
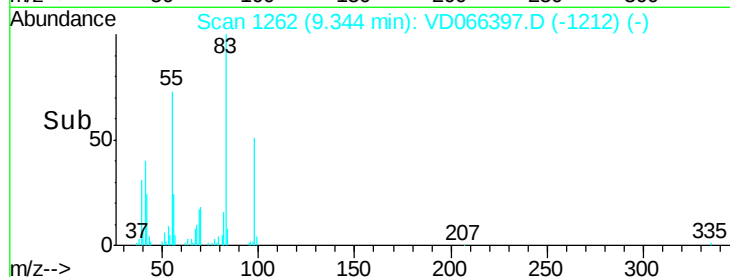
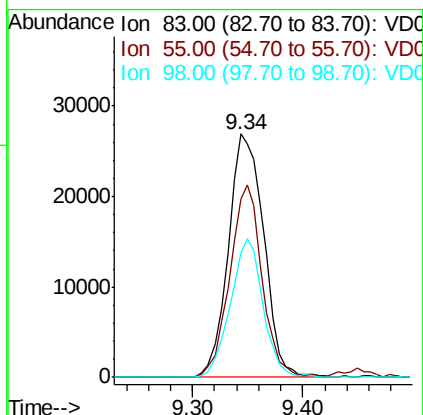
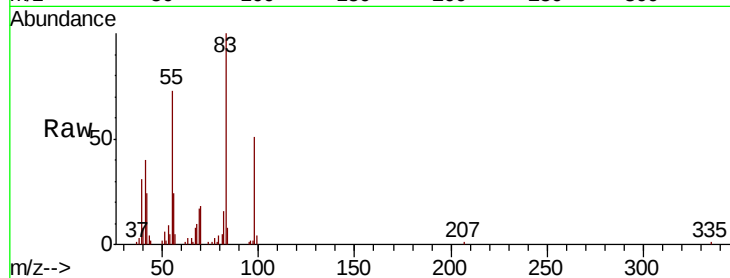




#39
Methvlcvclohexane
Concen: 17.727 ug/l
RT: 9.34 min Scan# 1262
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

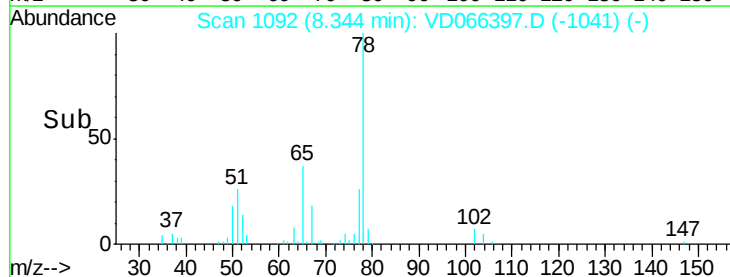
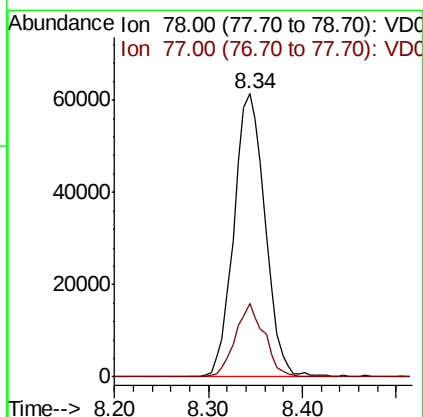
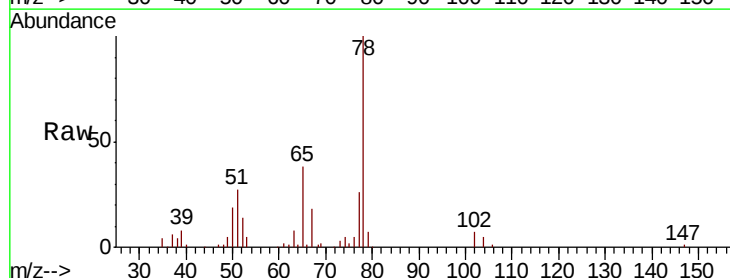
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

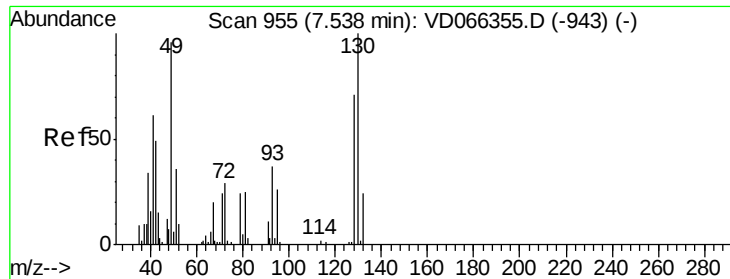
Tot Ion	83	Resp	60498
Ion Ratio	100	Lower	Upper
55	73.1	58.0	87.0
98	51.3	41.9	62.9



#40
Benzene
Concen: 18.532 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion	78	Resp	141235
Ion Ratio	100	Lower	Upper
77	26.0	18.8	28.2





#41

Methacrylonitrile

Concen: 45.475 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

Tot Ion: 41 Resp: 27632

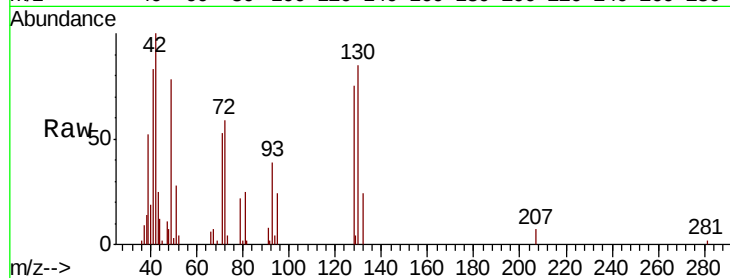
Ion Ratio Lower Upper

41 100

39 32.3 51.8 77.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

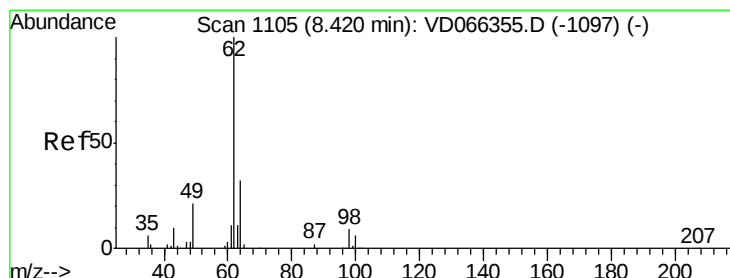
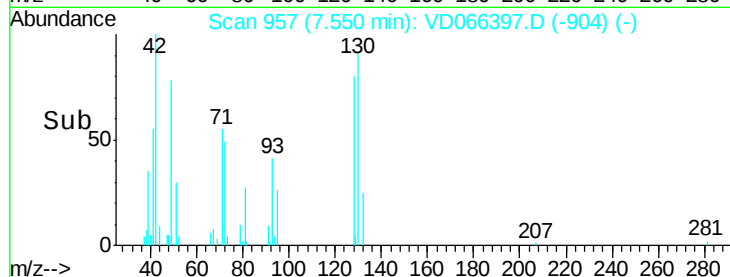
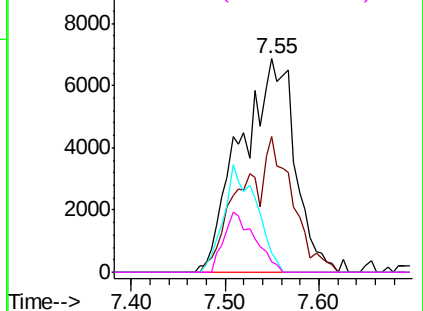


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 20.625 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066397.D

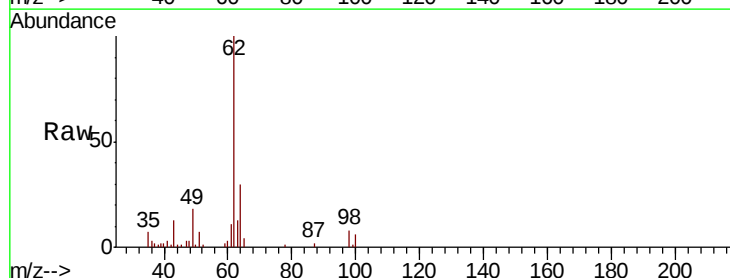
Acq: 25 Aug 2020 12:51

Tgt Ion: 62 Resp: 55363

Ion Ratio Lower Upper

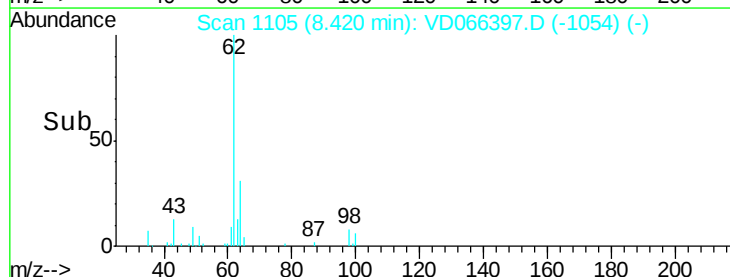
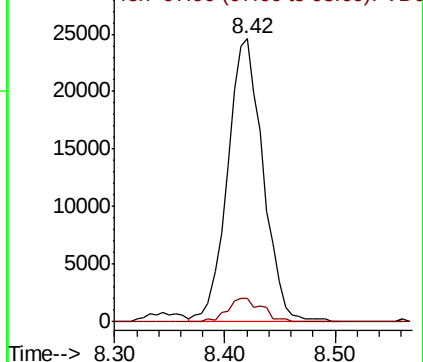
62 100

98 8.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.519 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBS01

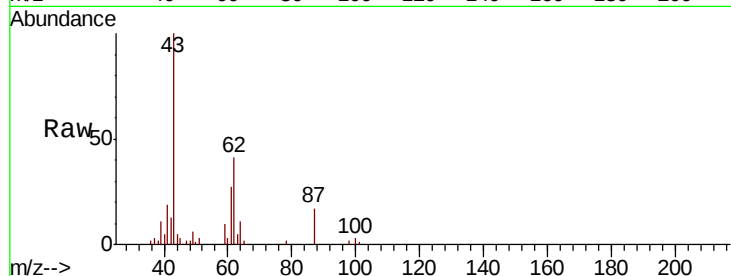
Tot Ion: 43 Resp: 38603

Ion Ratio Lower Upper

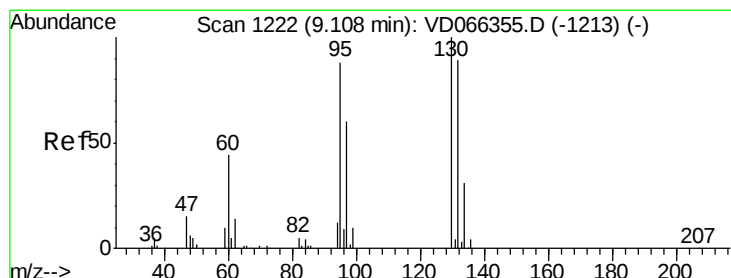
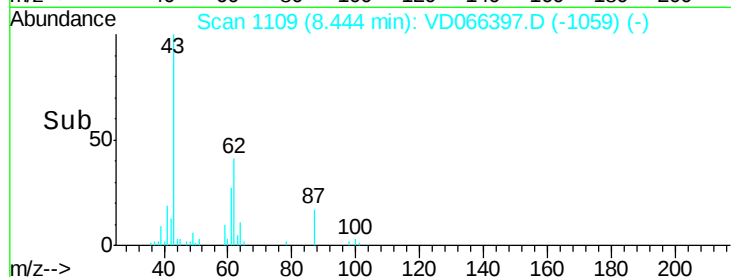
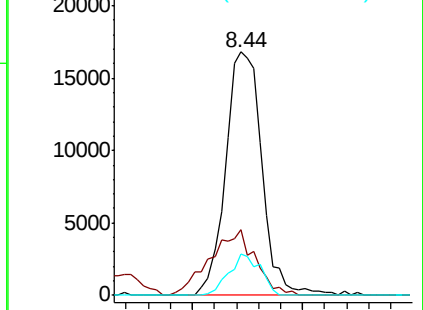
43 100

61 33.4 26.5 39.7

87 14.8 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: 18.545 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. -0.00 min

Lab File: VD066397.D

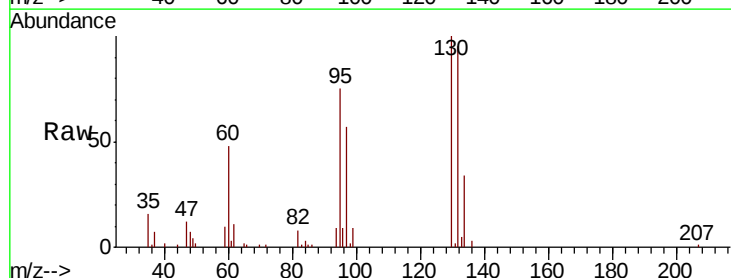
Acq: 25 Aug 2020 12:51

Tgt Ion: 130 Resp: 45925

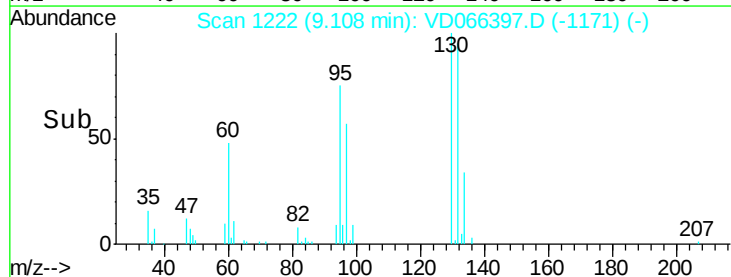
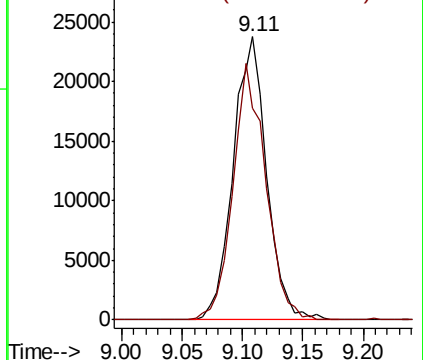
Ion Ratio Lower Upper

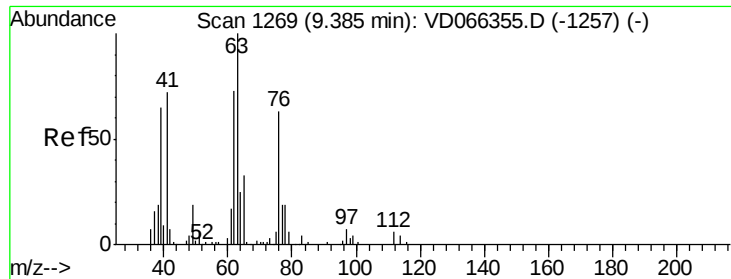
130 100

95 74.8 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: 18.696 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

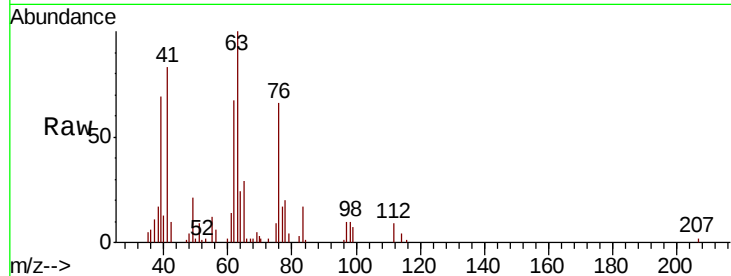
VD0825SBS01

Tot Ion: 63 Resp: 32302

Ion Ratio Lower Upper

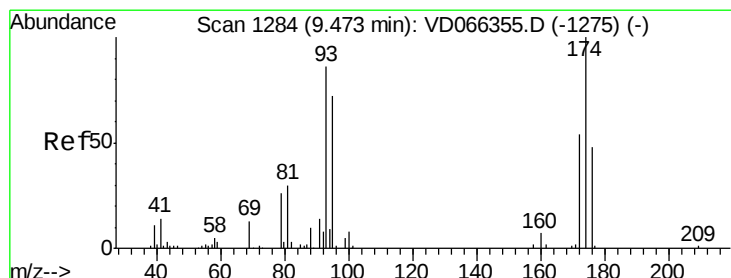
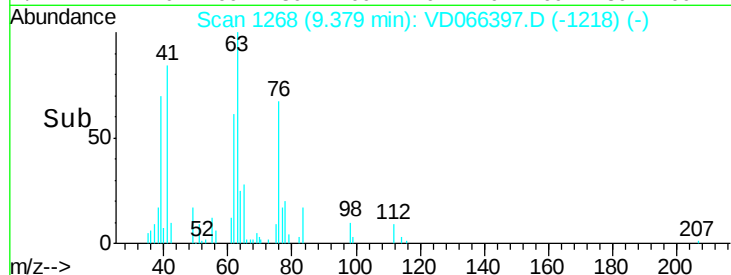
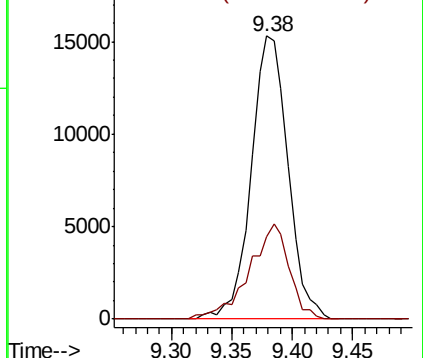
63 100

65 29.0 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: 19.768 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

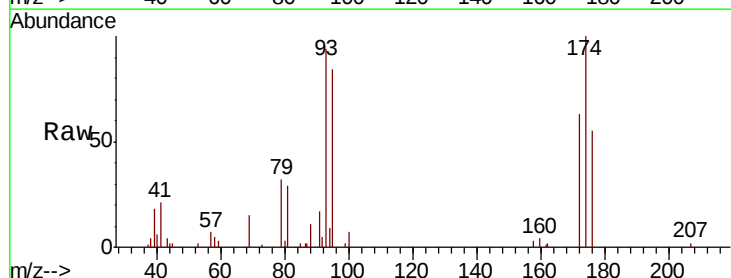
Tgt Ion: 93 Resp: 21265

Ion Ratio Lower Upper

93 100

95 82.8 66.0 99.0

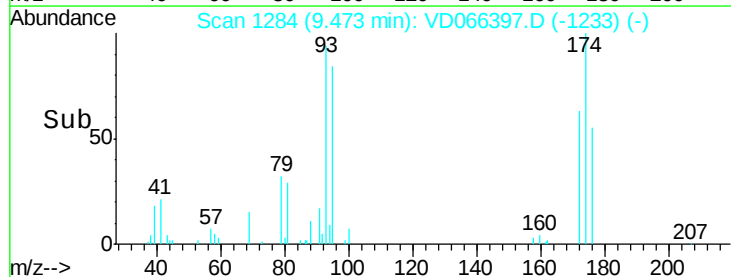
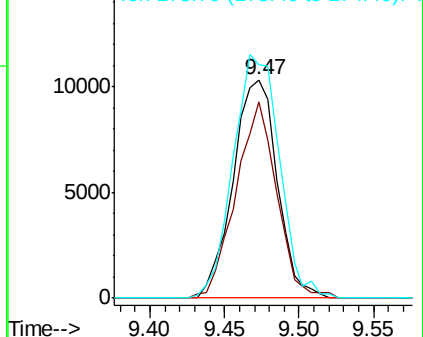
174 116.8 94.6 141.8

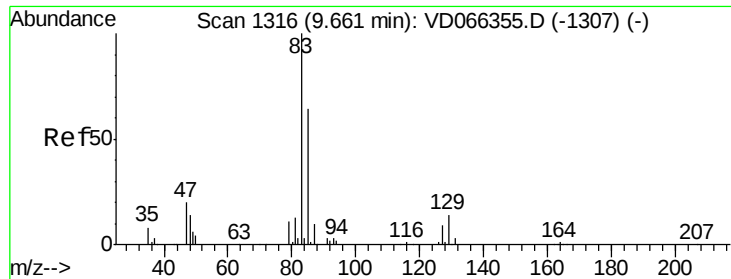


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): VDC





#47

Bromodichloromethane

Concen: 19.610 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

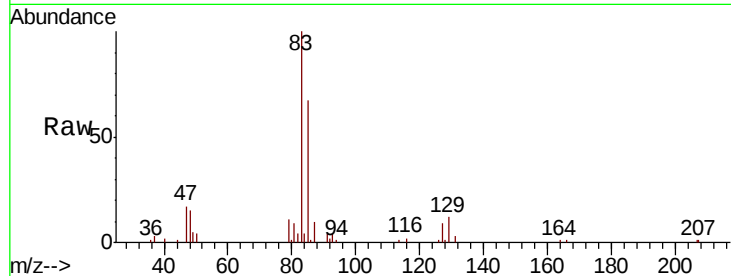
Tot Ion: 83 Resp: 58015

Ion Ratio Lower Upper

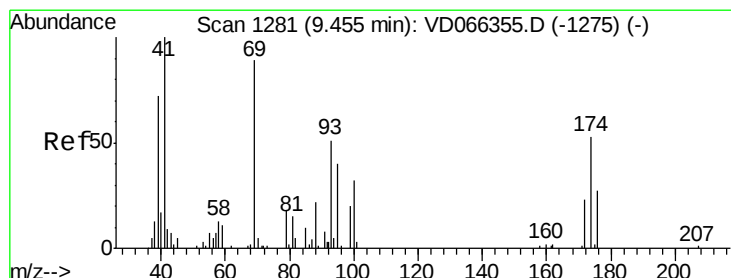
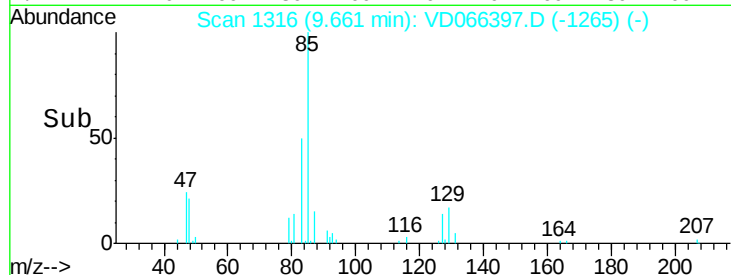
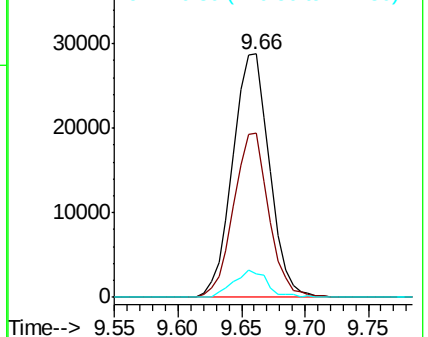
83 100

85 67.4 51.4 77.0

127 9.4 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): V



#48

Methyl methacrylate

Concen: 18.175 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

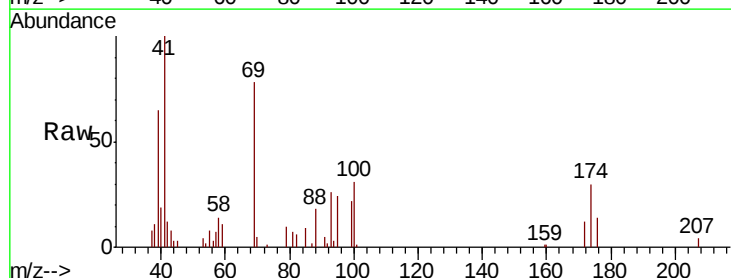
Tgt Ion: 41 Resp: 18536

Ion Ratio Lower Upper

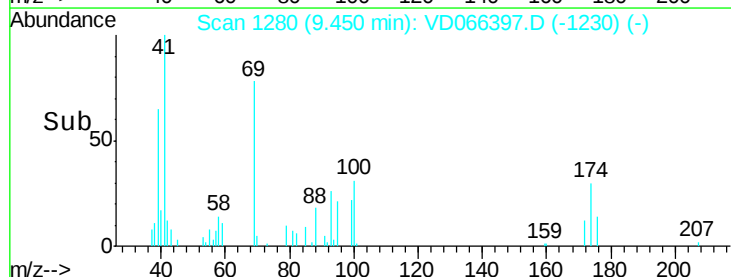
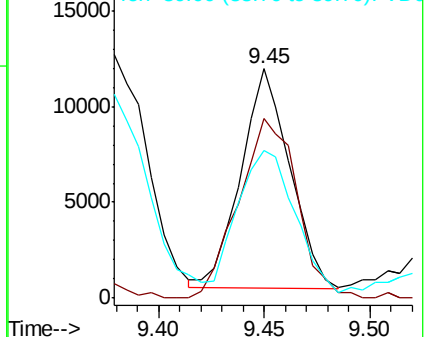
41 100

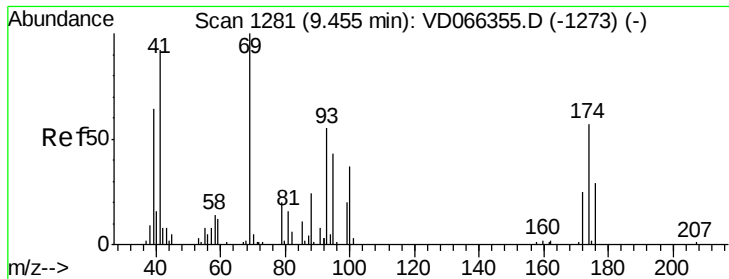
69 97.0 75.5 113.3

39 83.4 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

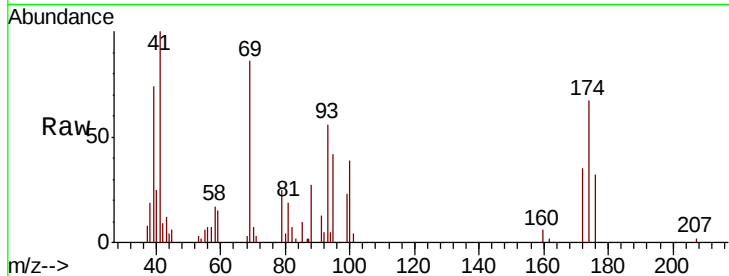




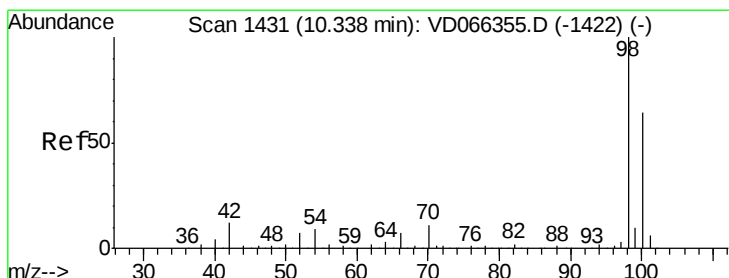
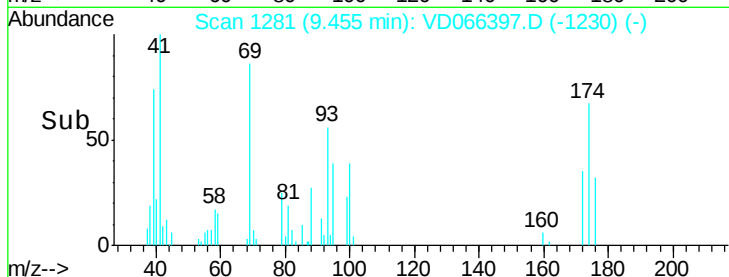
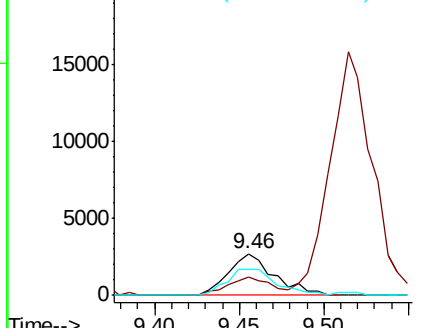
#49
1,4-Dioxane
Concen: 404.446 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

Tot Ion: 88 Resp: 5052
Ion Ratio Lower Upper
88 100
43 41.9 29.4 44.0
58 68.4 45.4 68.2#

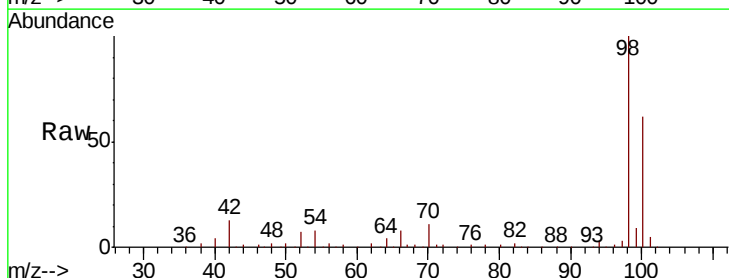


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

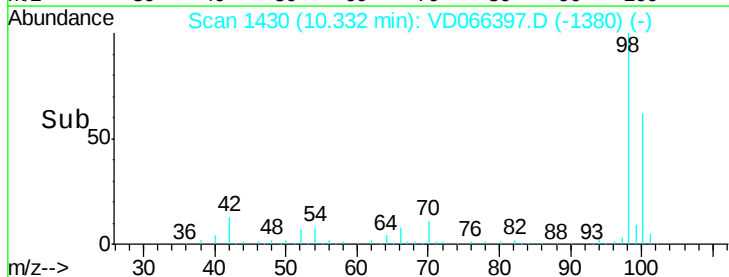
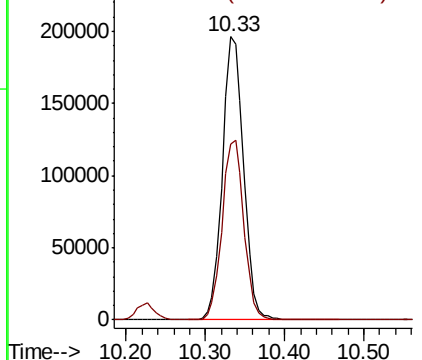


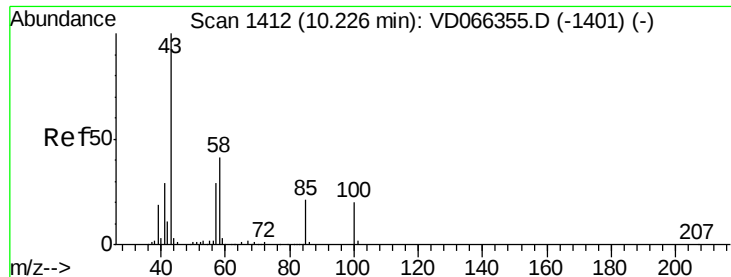
#50
Toluene-d8
Concen: 49.973 ug/l
RT: 10.33 min Scan# 1430
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion: 98 Resp: 363023
Ion Ratio Lower Upper
98 100
100 65.0 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: 99.748 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

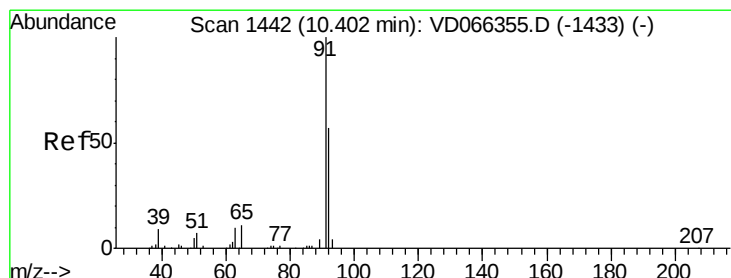
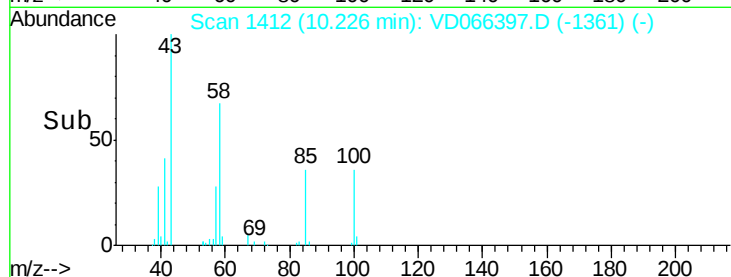
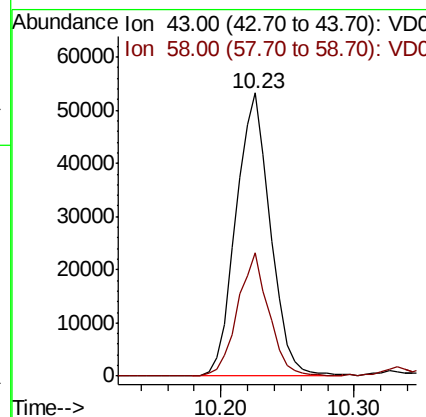
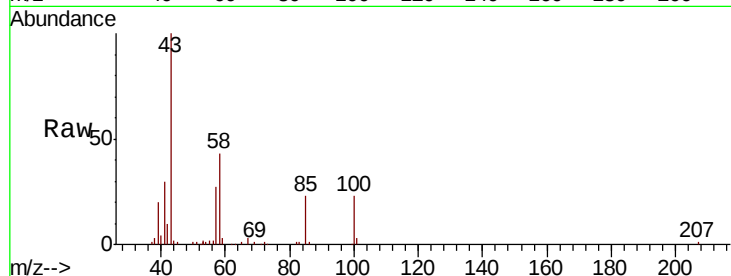
VD0825SBS01

Tot Ion: 43 Resp: 95432

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2



#52

Toluene

Concen: 19.019 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066397.D

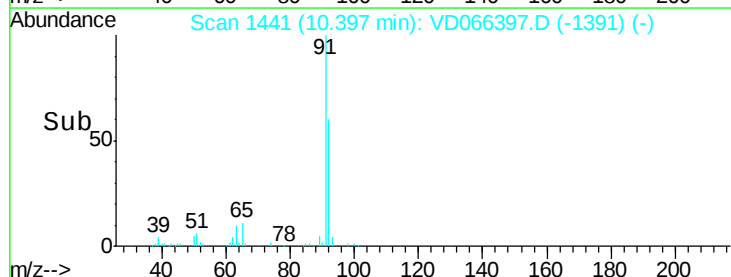
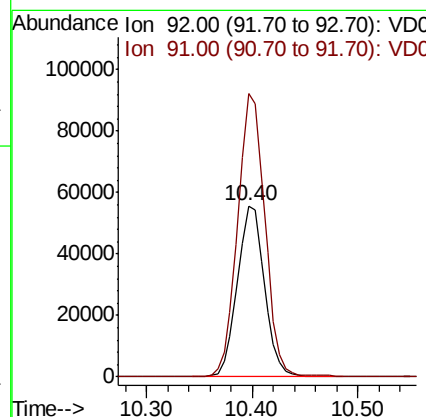
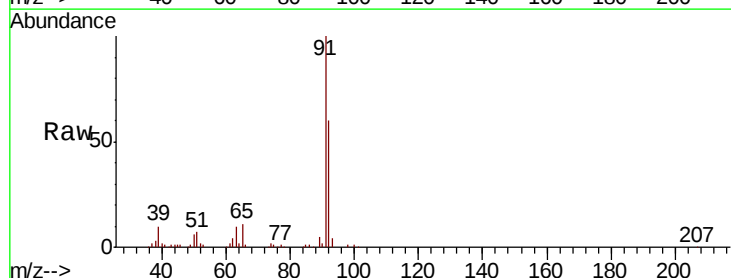
Acq: 25 Aug 2020 12:51

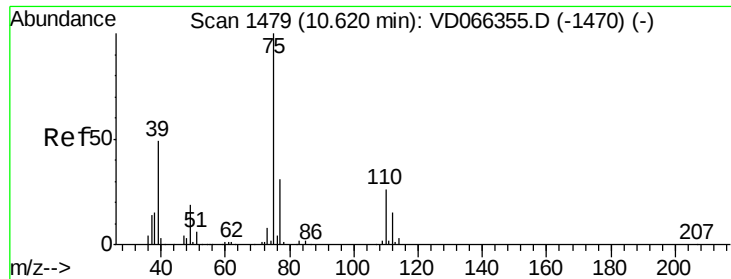
Tgt Ion: 92 Resp: 98200

Ion Ratio Lower Upper

92 100

91 167.2 135.8 203.6

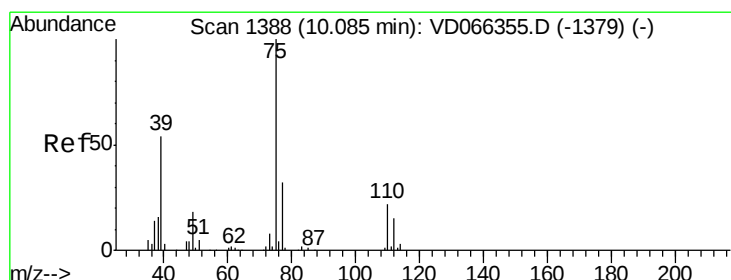
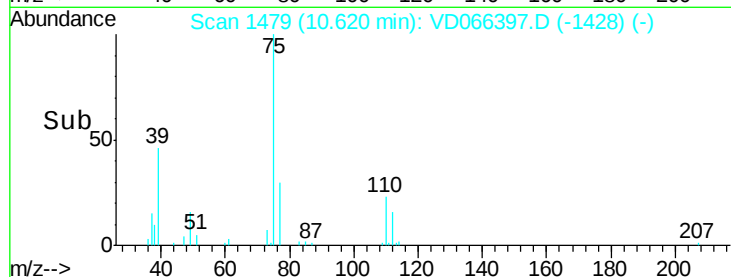
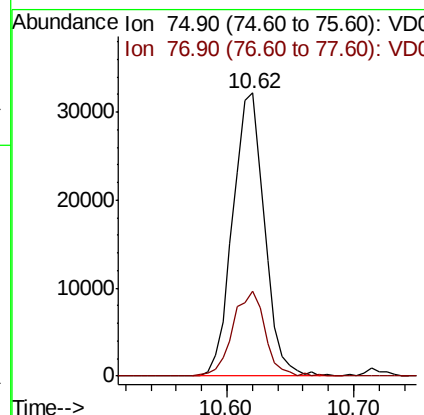
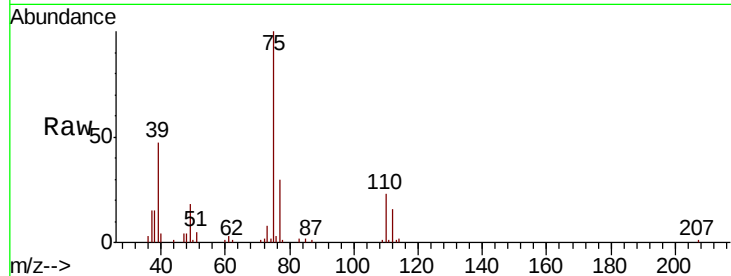




#53
t-1,3-Dichloropropene
Concen: 19.783 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

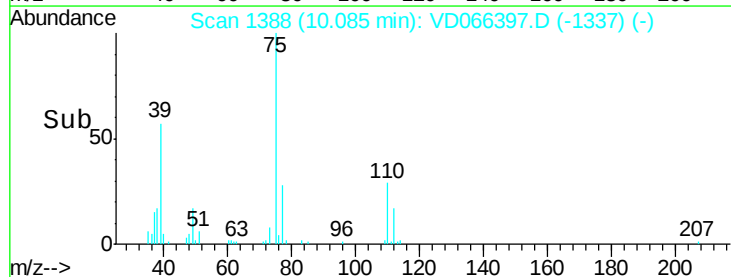
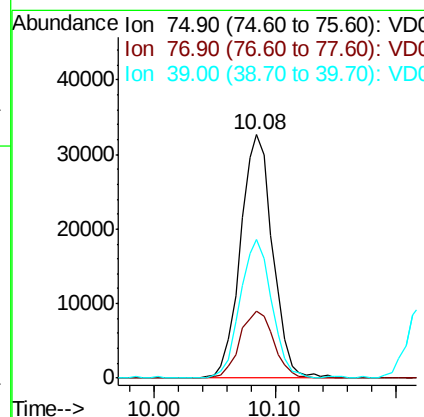
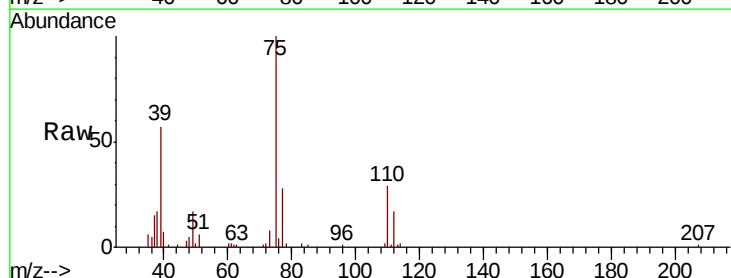
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

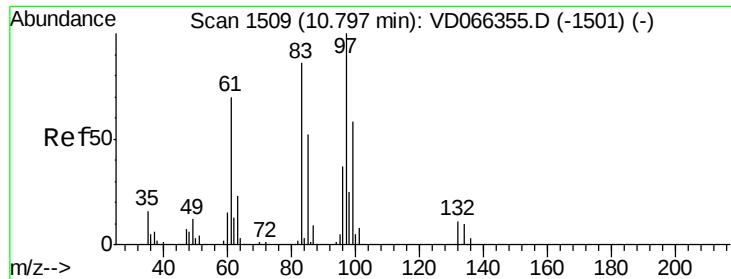
Tot Ion: 75 Resp: 55534
Ion Ratio Lower Upper
75 100
77 29.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 19.237 ug/l
RT: 10.08 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion: 75 Resp: 60615
Ion Ratio Lower Upper
75 100
77 27.7 25.6 38.4
39 57.0 43.4 65.0

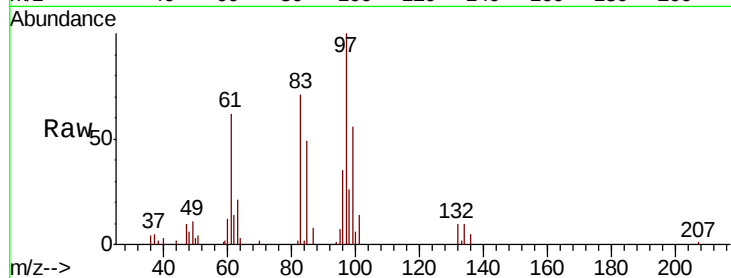




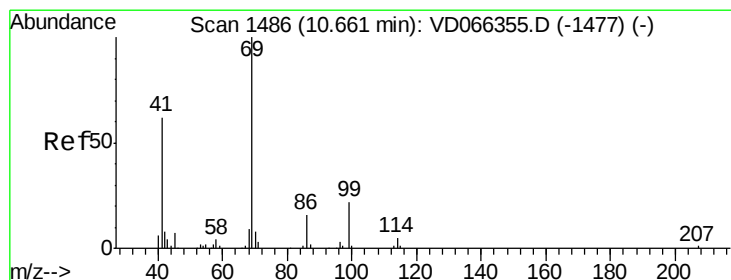
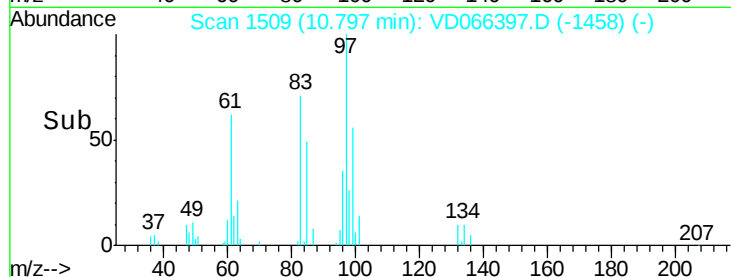
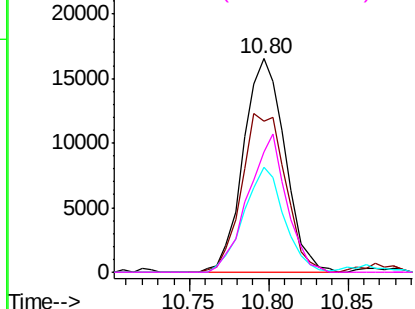
#55
 1,1,2-Trichloroethane
 Concen: 20.664 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

Tot Ion:	97	Resp:	30093
Ion	Ratio	Lower	Upper
97	100		
83	71.0	68.4	102.6
85	48.9	41.3	61.9
99	56.2	46.1	69.1

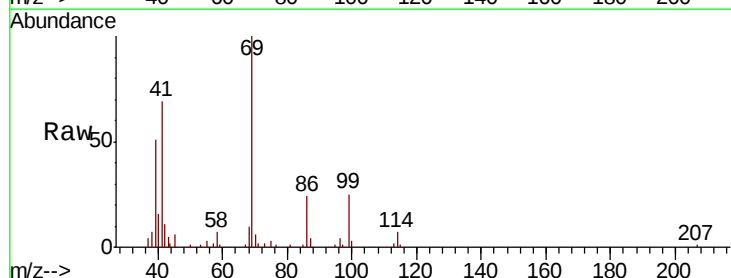


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

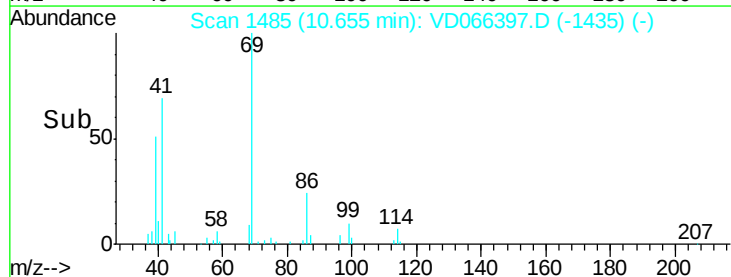
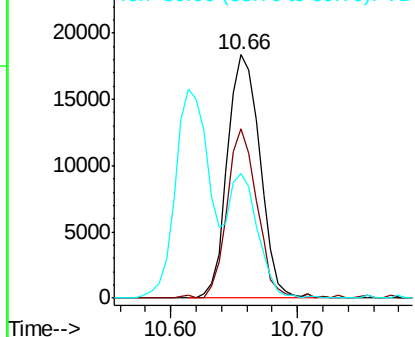


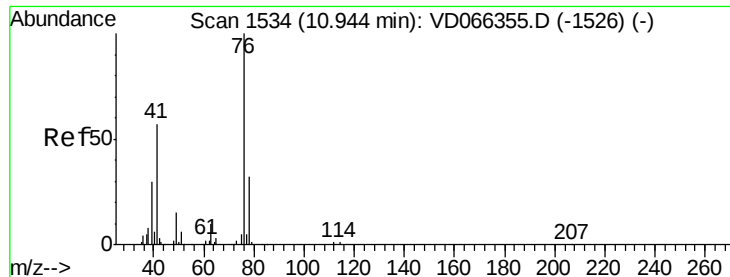
#56
 Ethyl methacrylate
 Concen: 19.398 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion:	69	Resp:	32703
Ion	Ratio	Lower	Upper
69	100		
41	63.5	50.8	76.2
39	47.0	32.9	49.3



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





#57

1,3-Dichloropropane

Concen: 19.380 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

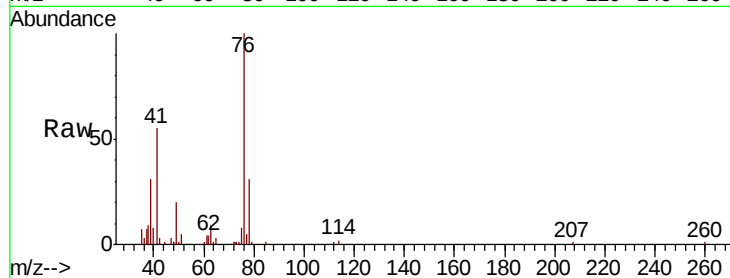
VD0825SBSD01

Tot Ion: 76 Resp: 46684

Ion Ratio Lower Upper

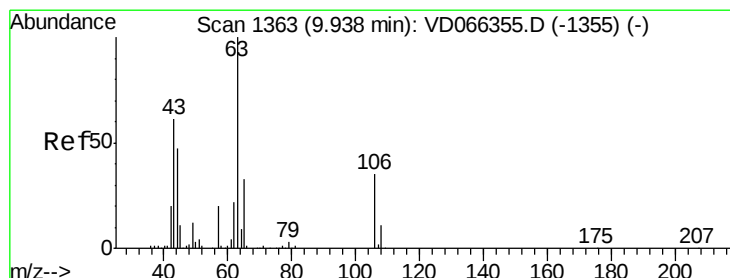
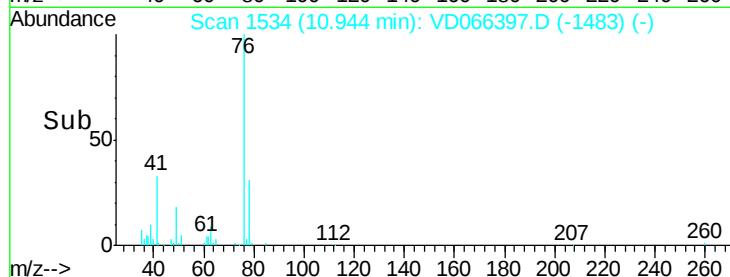
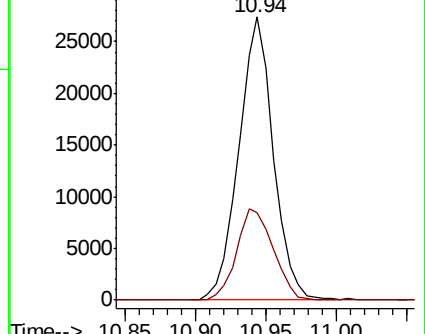
76 100

78 34.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 103.320 ug/l

RT: 9.93 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VD066397.D

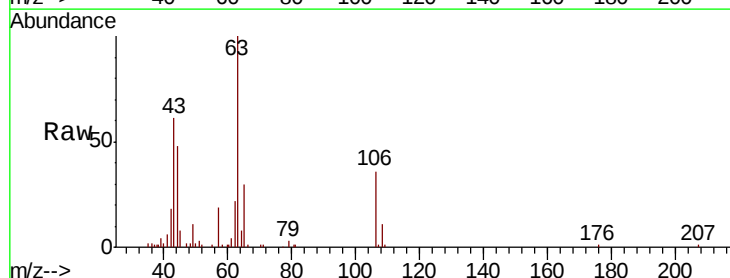
Acq: 25 Aug 2020 12:51

Tgt Ion: 63 Resp: 72343

Ion Ratio Lower Upper

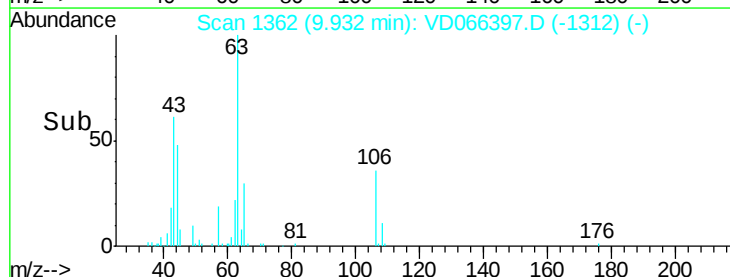
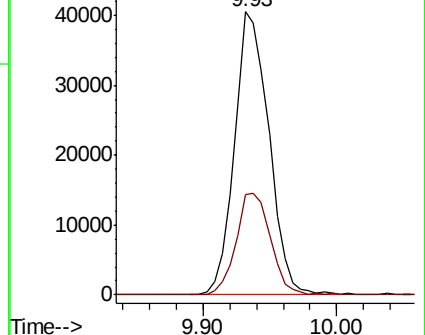
63 100

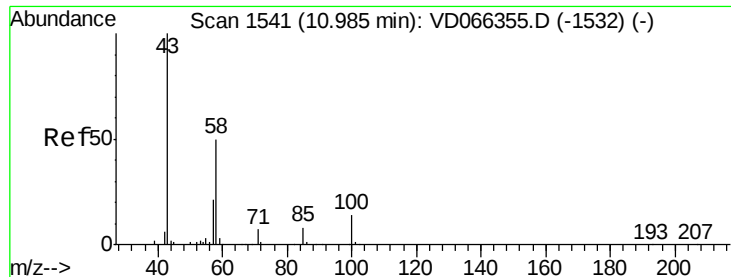
106 36.0 27.1 40.7



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

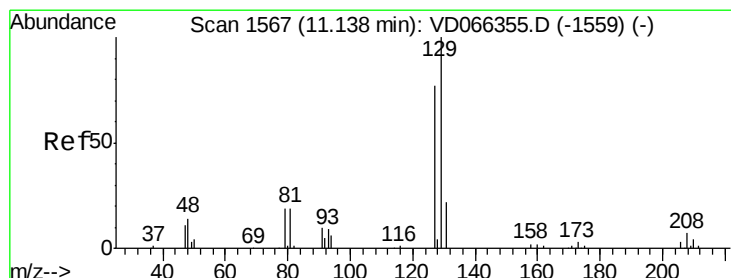
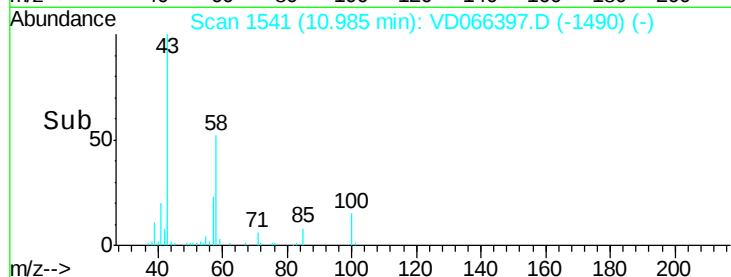
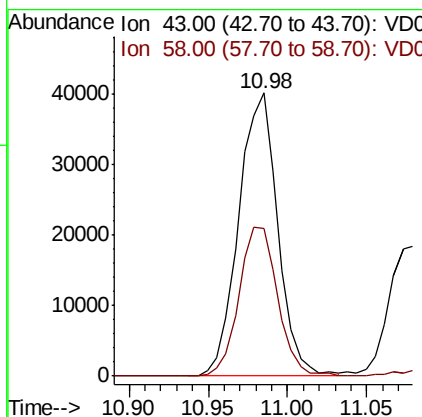
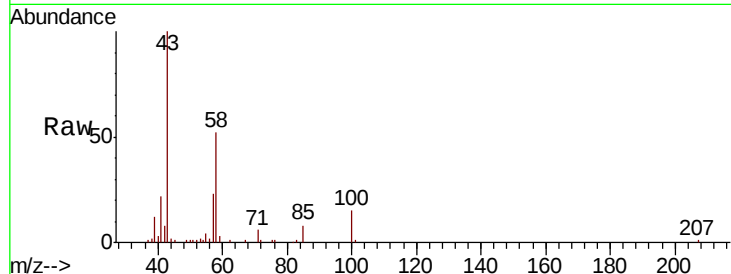




#59
2-Hexanone
Concen: 101.940 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

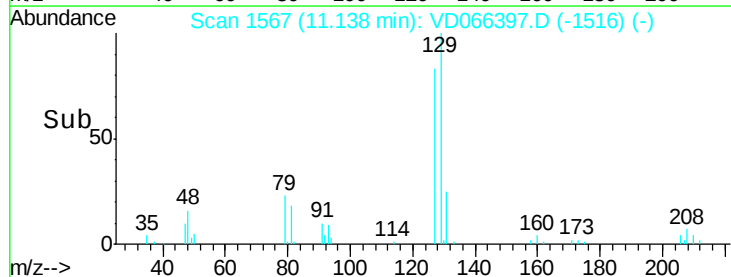
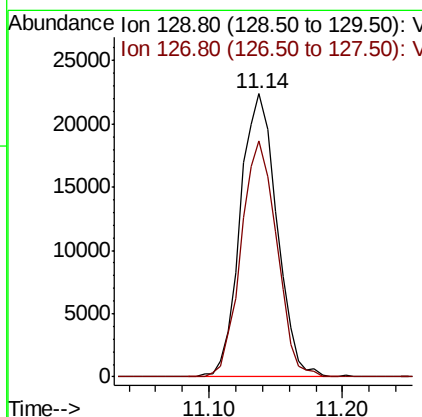
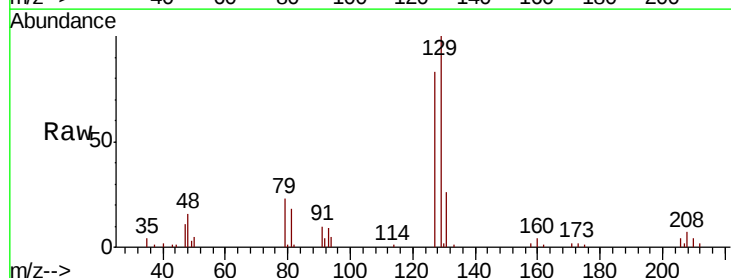
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

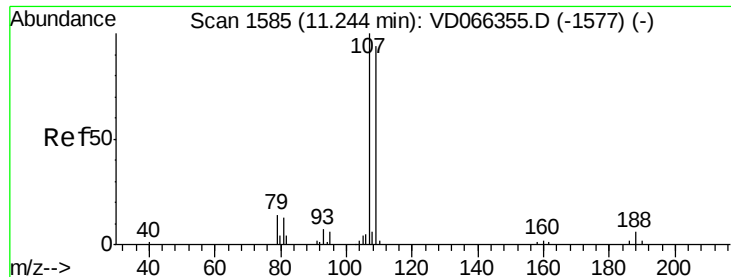
Tot Ion: 43 Resp: 68794
Ion Ratio Lower Upper
43 100
58 52.2 26.3 78.8



#60
Dibromochloromethane
Concen: 19.261 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion: 129 Resp: 42282
Ion Ratio Lower Upper
129 100
127 81.3 39.0 117.0

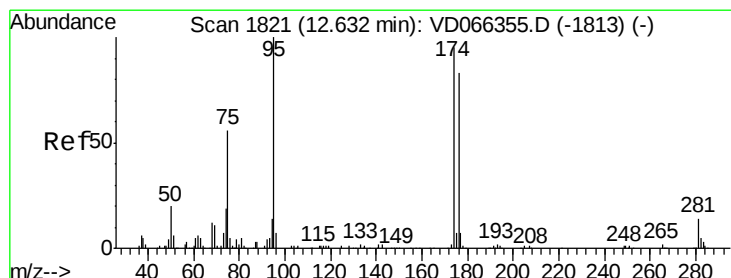
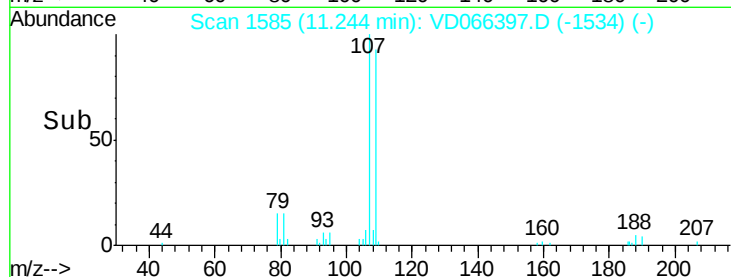
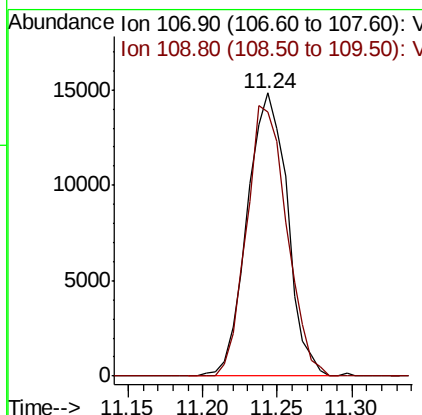
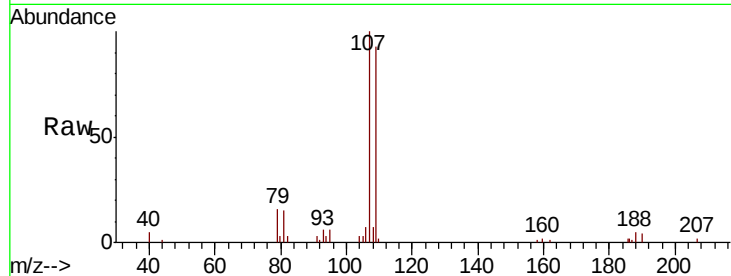




#61
 1,2-Dibromoethane
 Concen: 19.216 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

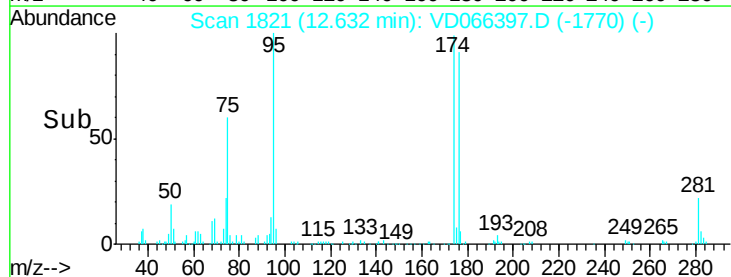
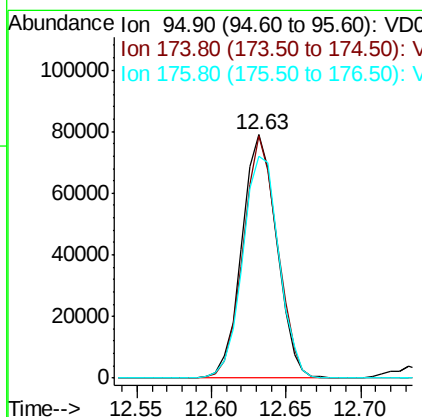
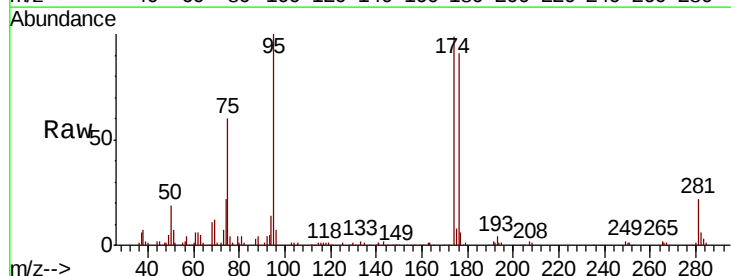
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

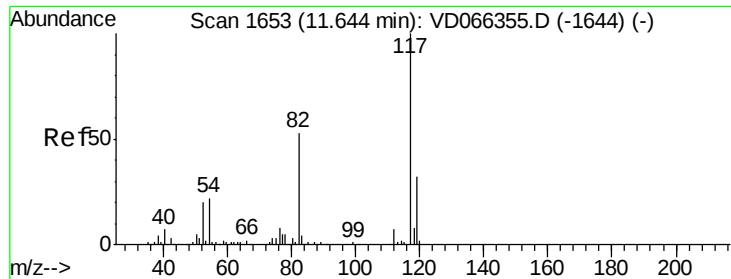
Tot Ion:107 Resp: 27540
 Ion Ratio Lower Upper
 107 100
 109 96.1 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 49.629 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion: 95 Resp: 127929
 Ion Ratio Lower Upper
 95 100
 174 97.3 0.0 183.4
 176 94.6 0.0 173.8

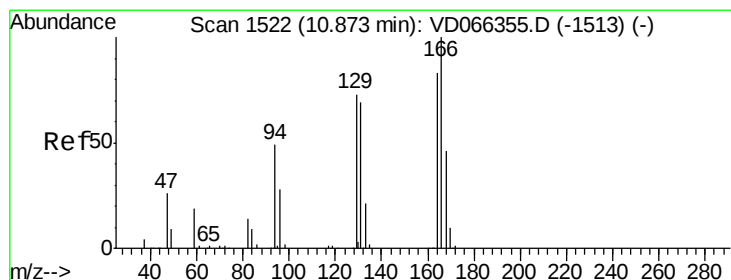
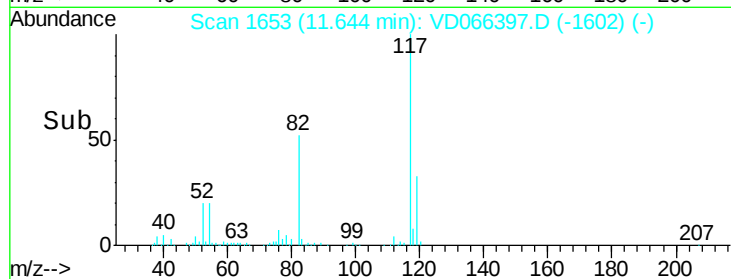
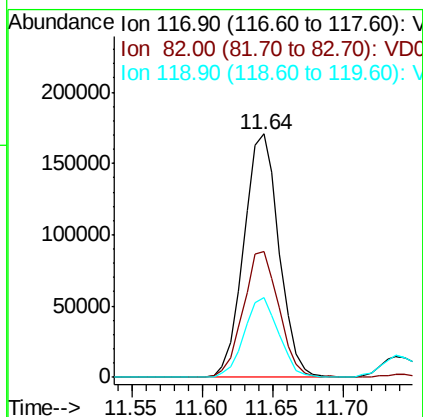
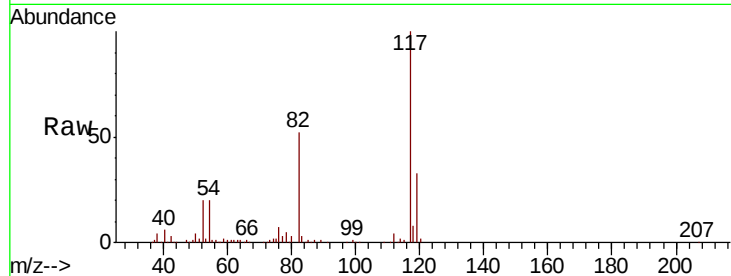




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

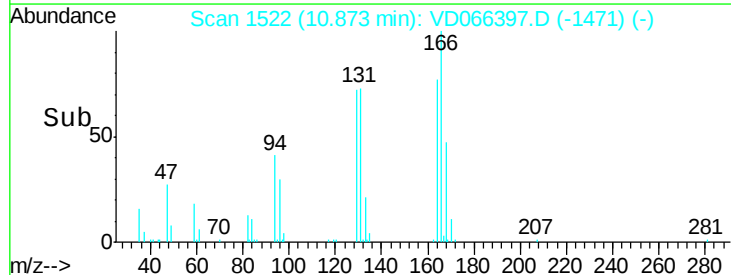
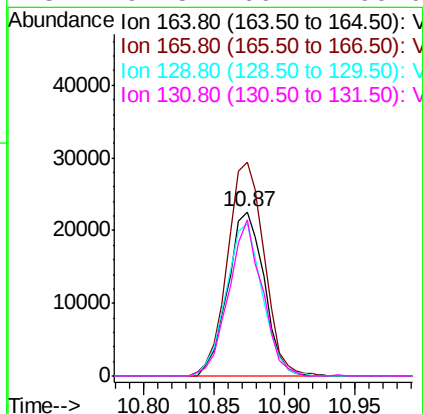
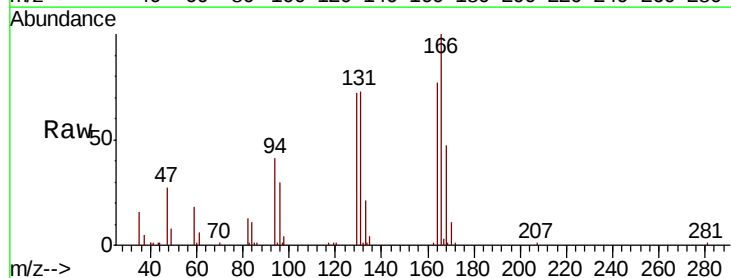
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

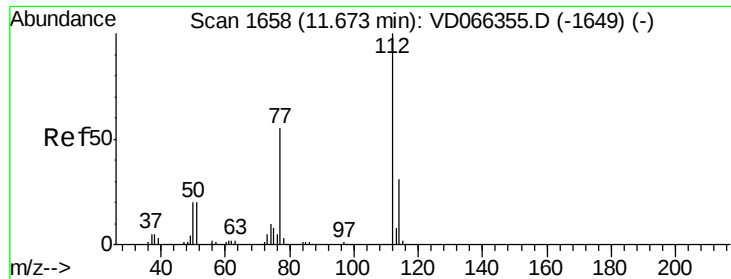
Tot Ion:117 Resp: 297942
Ion Ratio Lower Upper
117 100
82 51.9 42.8 64.2
119 33.0 25.8 38.8



#64
Tetrachloroethene
Concen: 17.961 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion:164 Resp: 40595
Ion Ratio Lower Upper
164 100
166 130.1 96.2 144.4
129 93.1 70.3 105.5
131 94.8 66.4 99.6

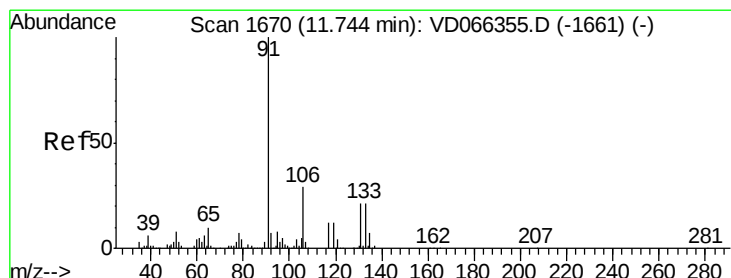
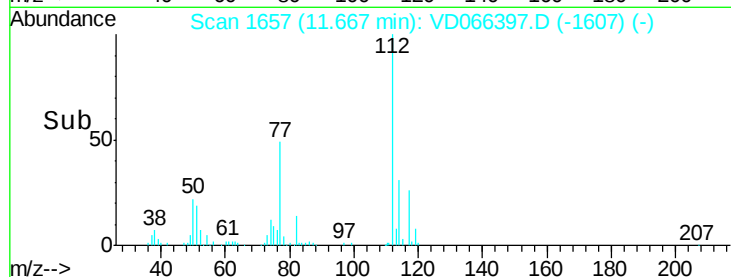
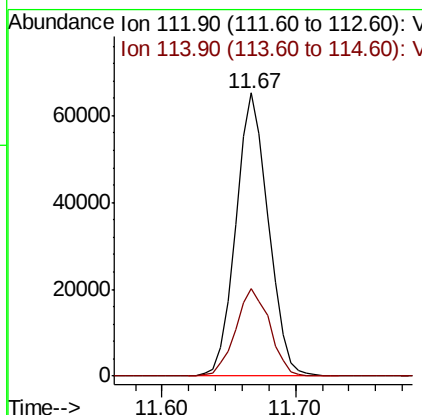
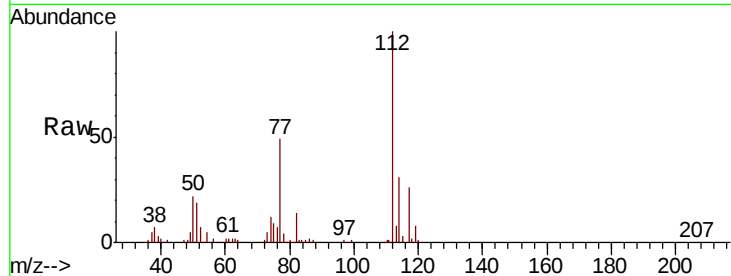




#65
Chlorobenzene
Concen: 18.500 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

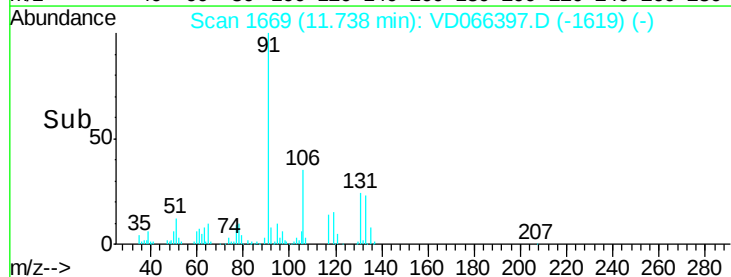
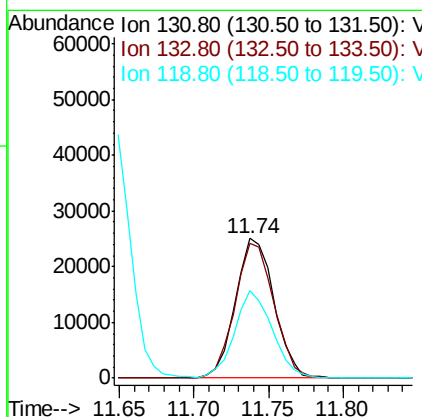
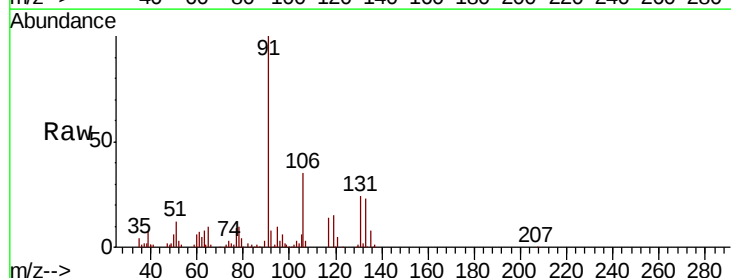
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

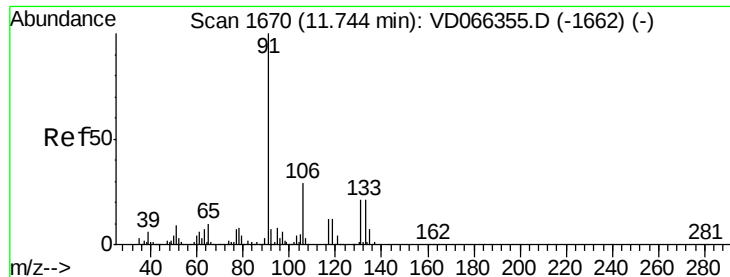
Tot Ion:112 Resp: 109663
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.581 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion:131 Resp: 45011
Ion Ratio Lower Upper
131 100
133 97.6 48.6 145.9
119 61.0 29.0 87.1





#67

Ethyl Benzene

Concen: 19.006 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

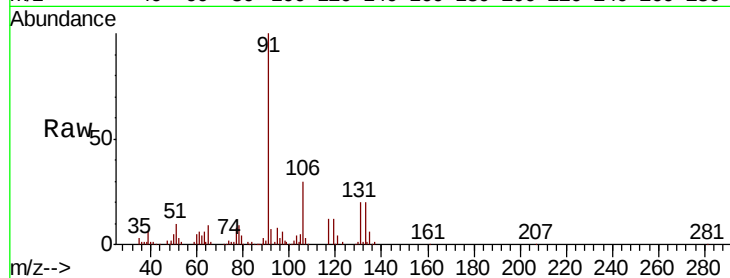
VD0825SBS01

Tot Ion: 91 Resp: 198312

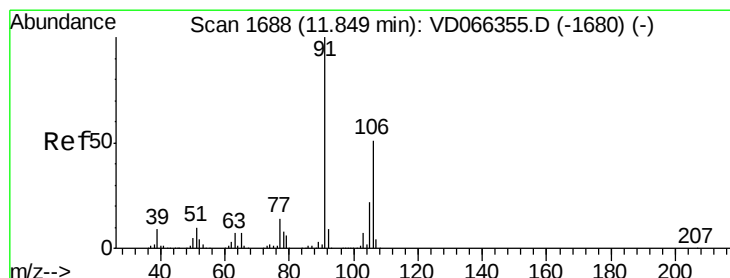
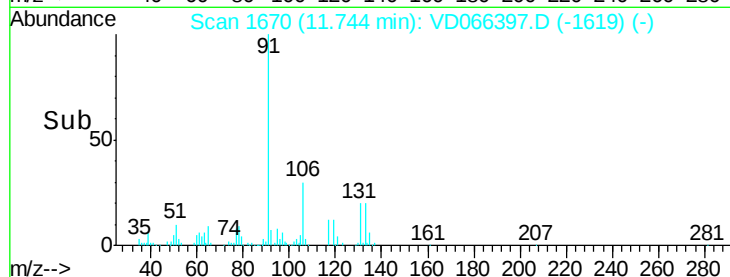
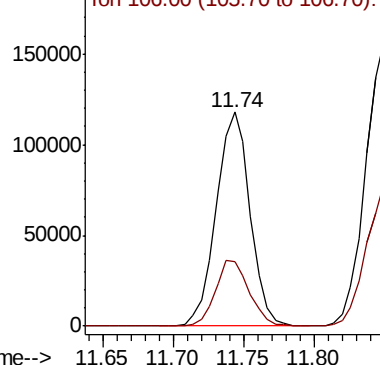
Ion Ratio Lower Upper

91 100

106 29.9 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 37.312 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VD066397.D

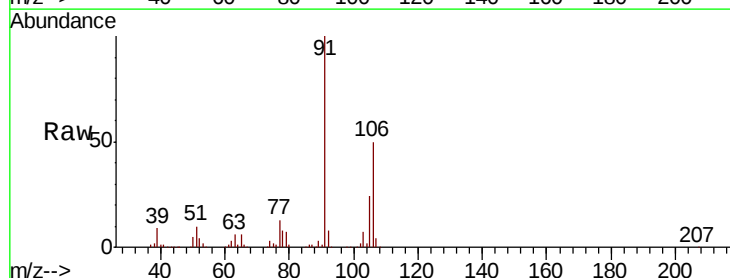
Acq: 25 Aug 2020 12:51

Tgt Ion: 106 Resp: 148390

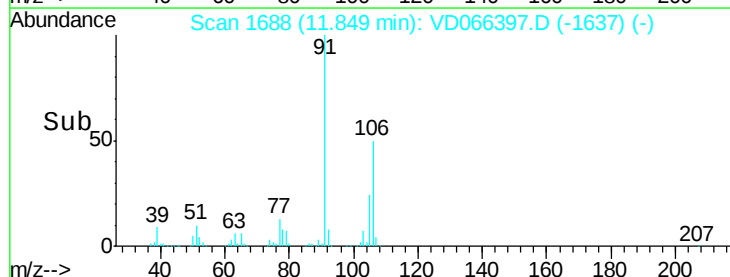
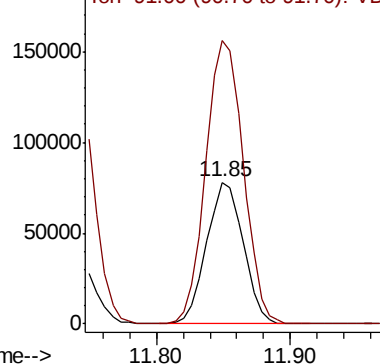
Ion Ratio Lower Upper

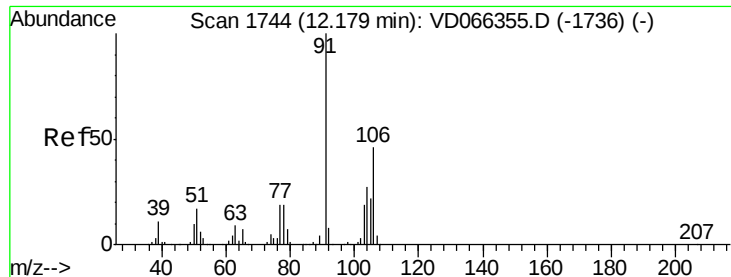
106 100

91 205.5 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): V

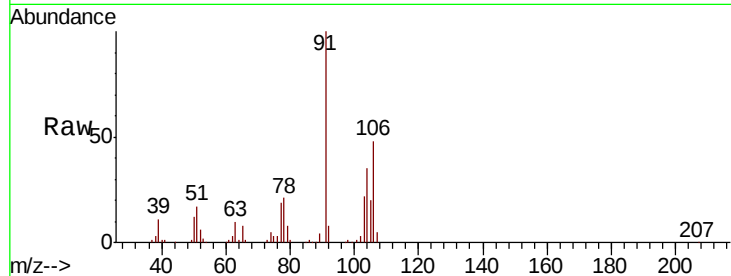




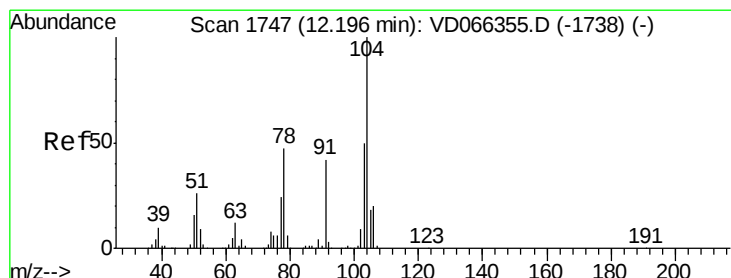
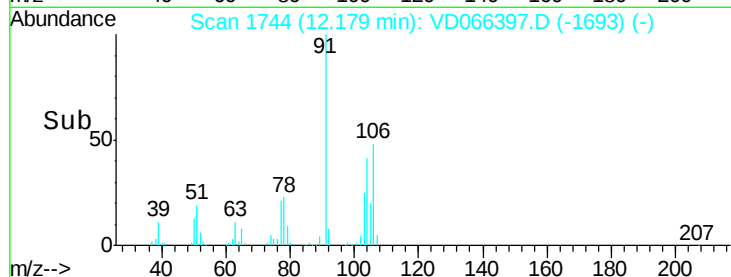
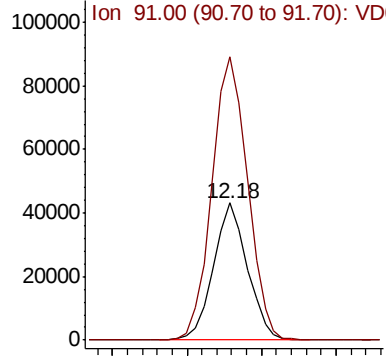
#69
o-Xylene
Concen: 18.354 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

Tot Ion:106 Resp: 67904
Ion Ratio Lower Upper
106 100
91 216.7 109.1 327.3

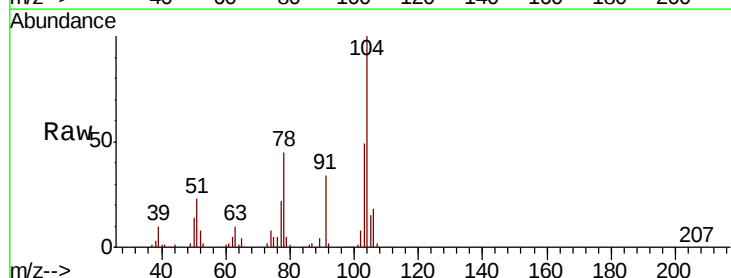


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

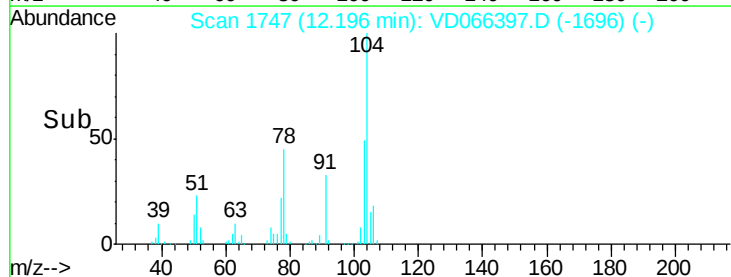
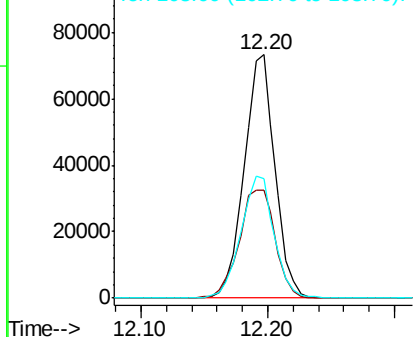


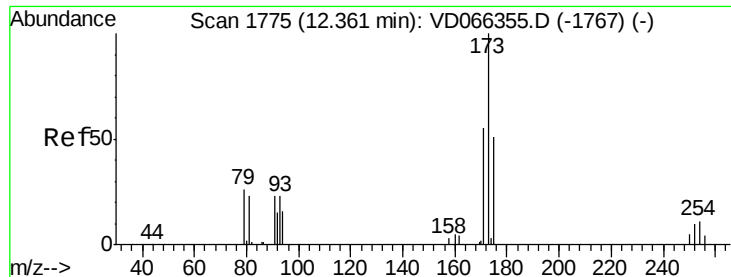
#70
Styrene
Concen: 19.366 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion:104 Resp: 123027
Ion Ratio Lower Upper
104 100
78 52.2 41.7 62.5
103 53.9 43.5 65.3



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

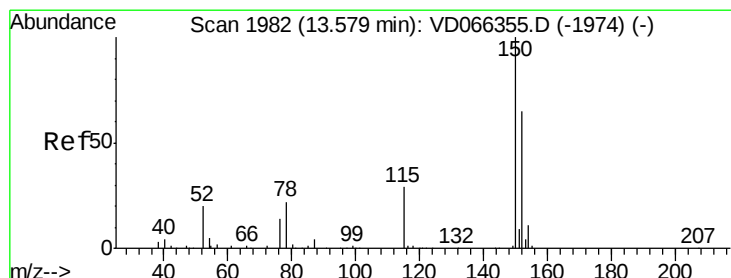
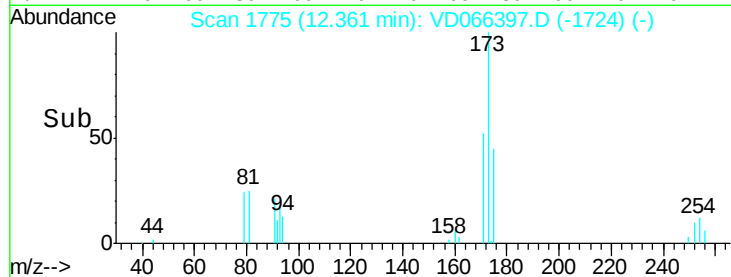
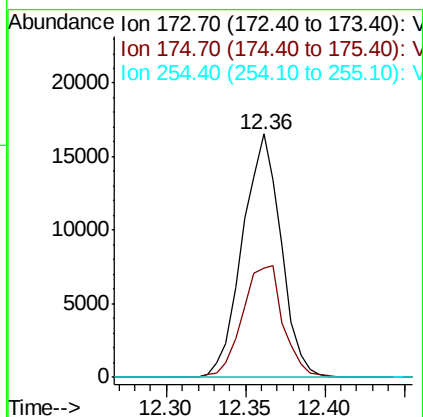
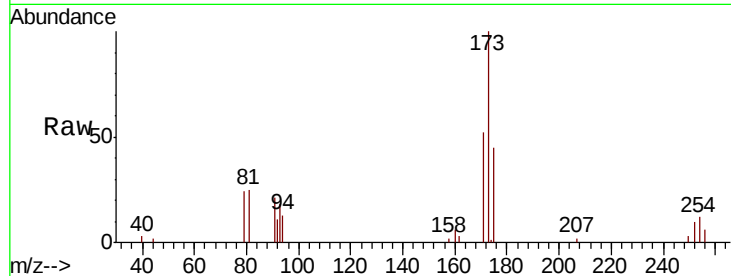




#71
Bromoform
Concen: 20.306 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

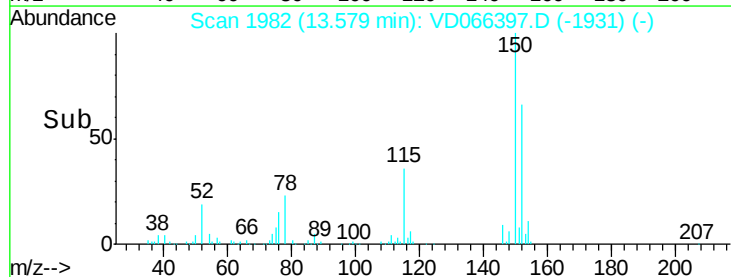
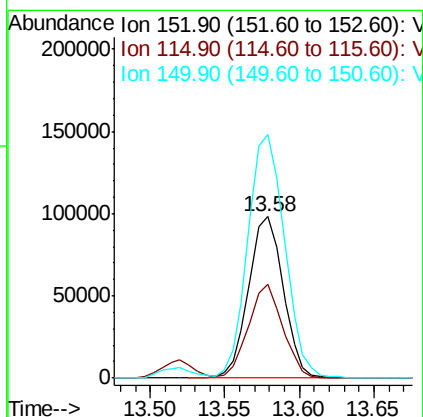
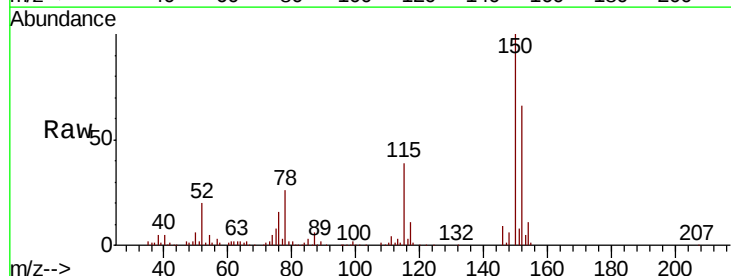
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

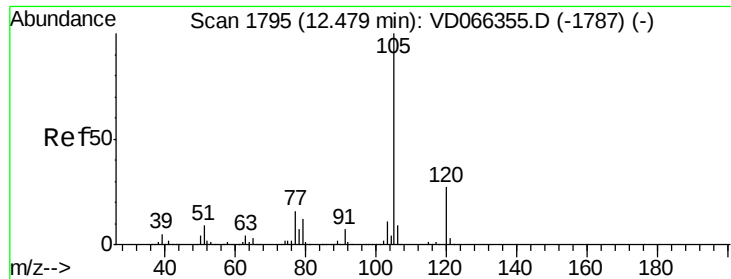
Tot Ion:173 Resp: 27908
Ion Ratio Lower Upper
173 100
175 48.9 24.8 74.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion:152 Resp: 158082
Ion Ratio Lower Upper
152 100
115 57.3 28.3 85.0
150 160.0 0.0 343.2





#73

Isopropylbenzene

Concen: 18.483 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

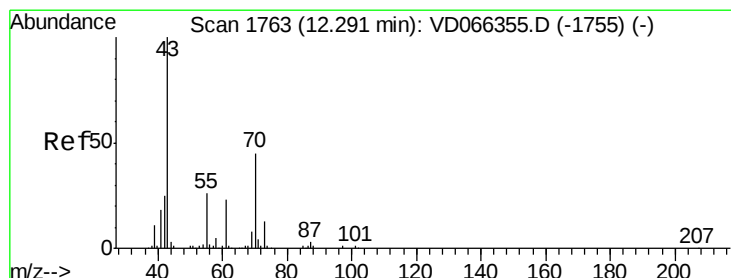
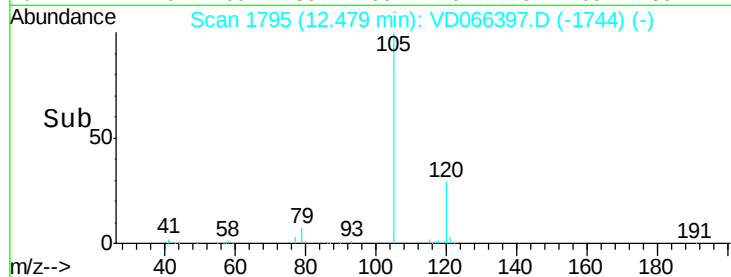
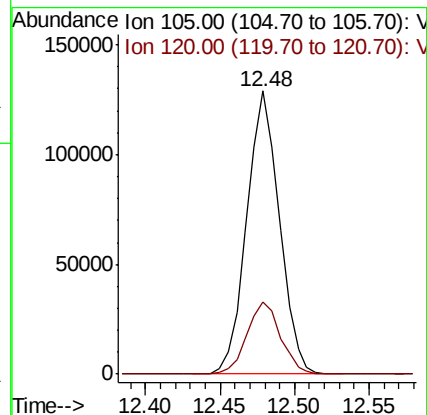
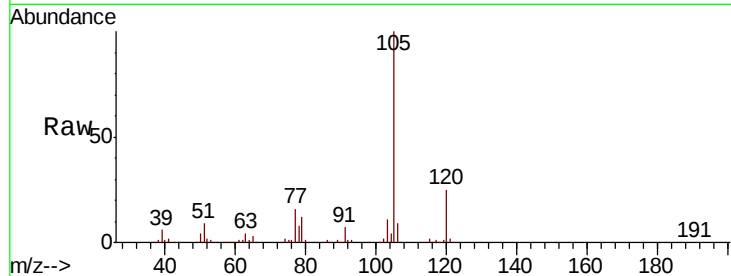
VD0825SBS01

Tot Ion:105 Resp: 195731

Ion Ratio Lower Upper

105 100

120 26.1 13.6 40.8



#74

N-ethyl acetate

Concen: 18.786 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Tgt Ion: 43 Resp: 35930

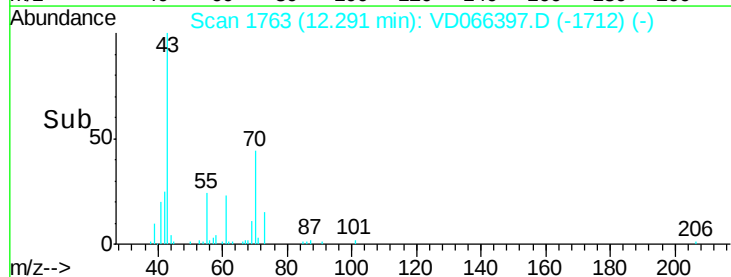
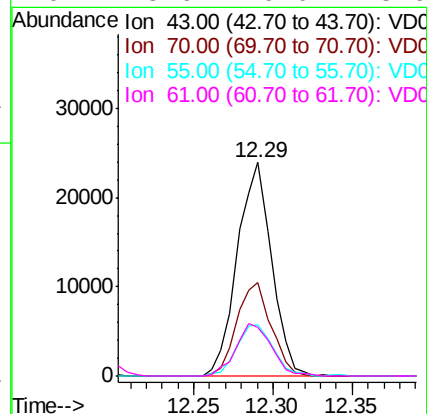
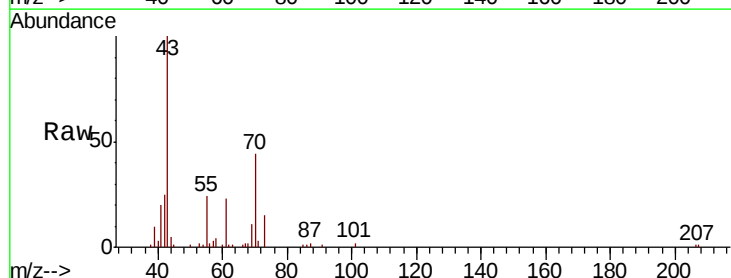
Ion Ratio Lower Upper

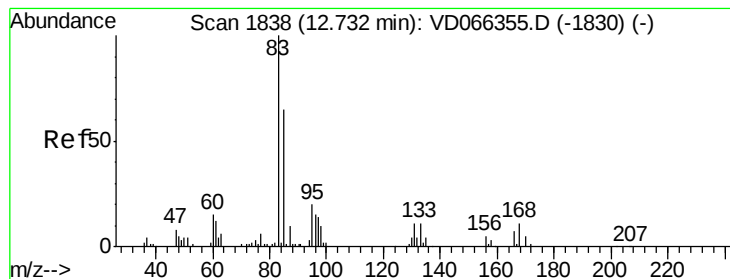
43 100

70 43.8 34.8 52.2

55 25.4 20.3 30.5

61 25.6 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.089 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

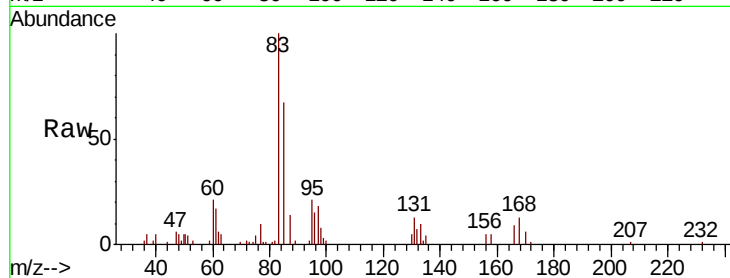
Tot Ion: 83 Resp: 28877

Ion Ratio Lower Upper

83 100

131 14.4 7.0 20.9

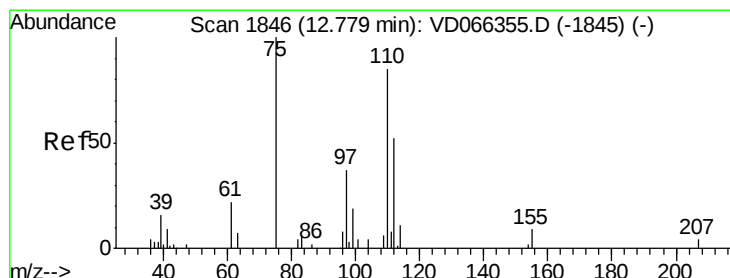
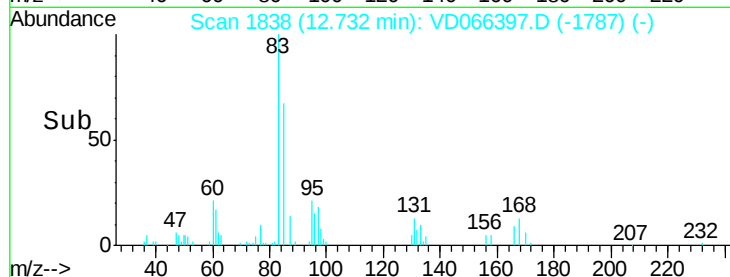
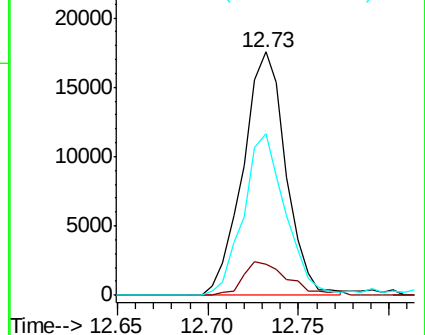
85 64.8 32.4 97.0



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: 38.526 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066397.D

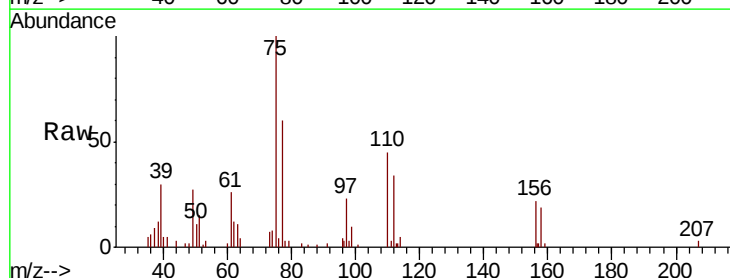
Acq: 25 Aug 2020 12:51

Tgt Ion: 75 Resp: 42845

Ion Ratio Lower Upper

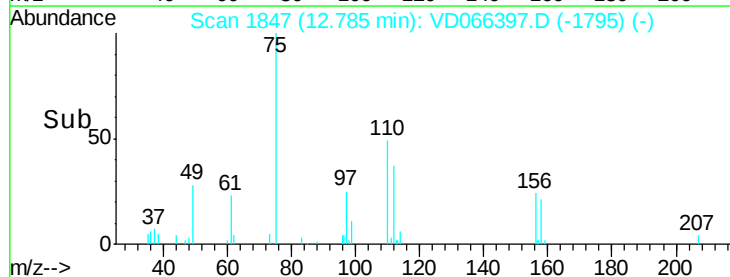
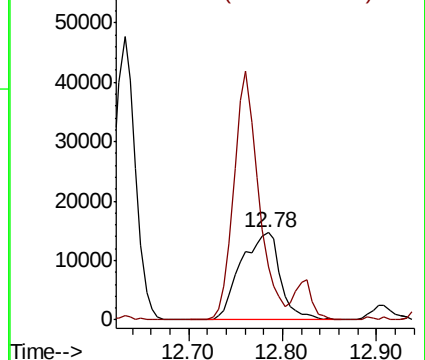
75 100

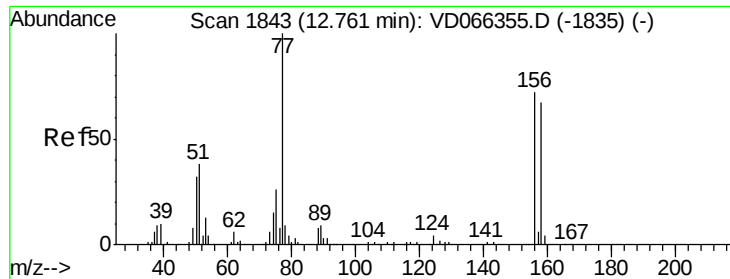
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 19.234 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

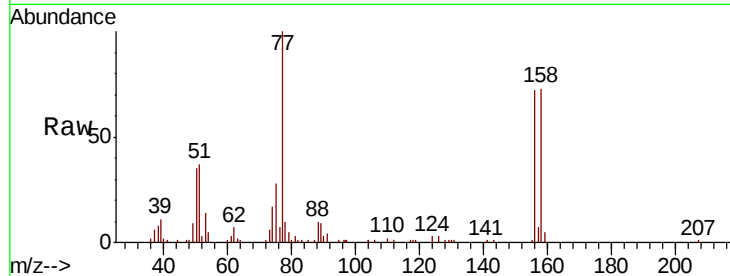
Tot Ion:156 Resp: 51698

Ion Ratio Lower Upper

156 100

77 149.2 76.1 228.3

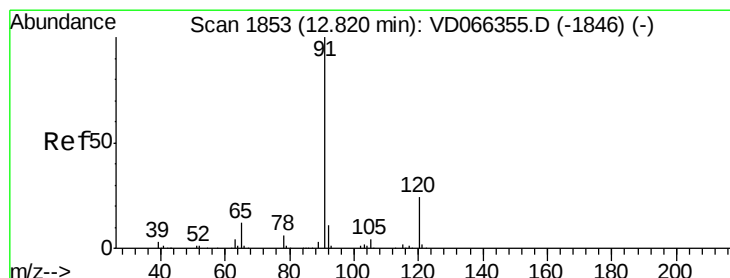
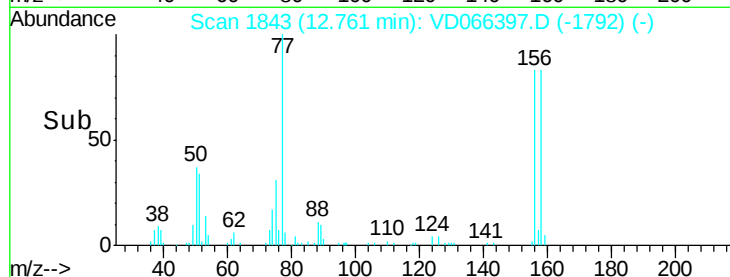
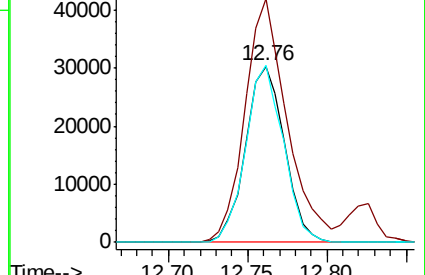
158 97.4 47.6 142.9



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: 17.964 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066397.D

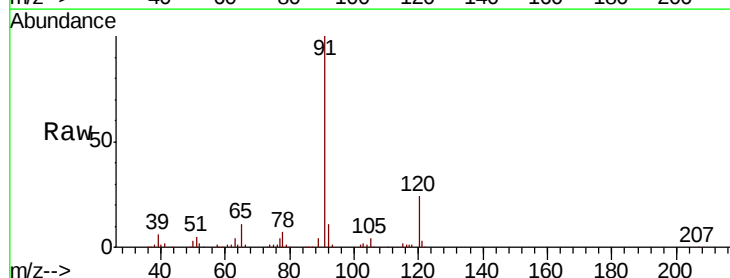
Acq: 25 Aug 2020 12:51

Tgt Ion: 91 Resp: 218128

Ion Ratio Lower Upper

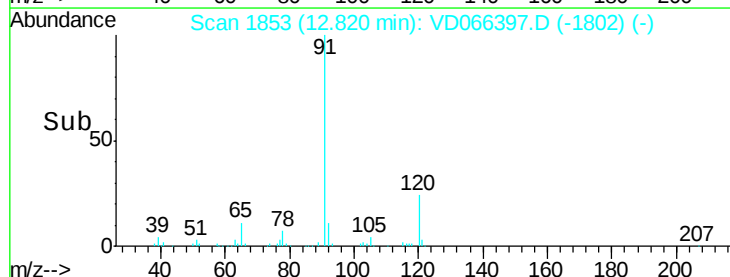
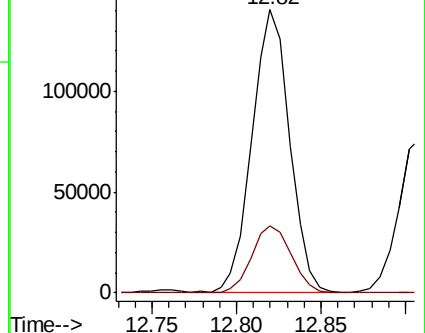
91 100

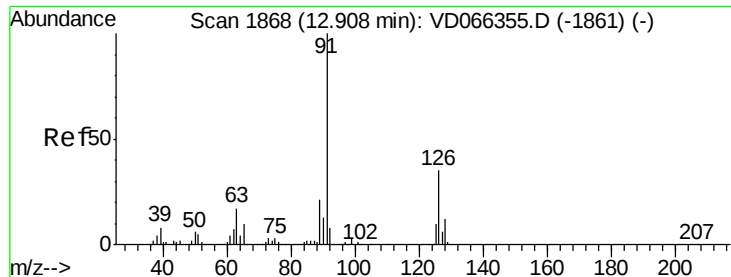
120 24.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.288 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

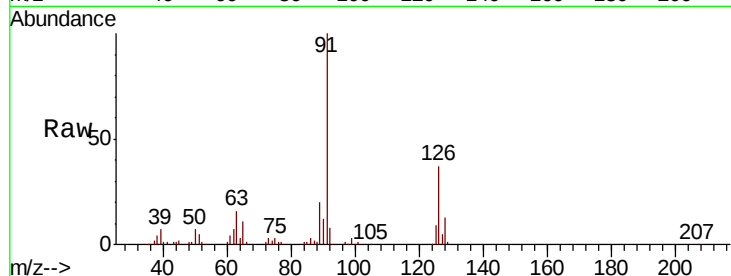
VD0825SBSD01

Tot Ion: 91 Resp: 126825

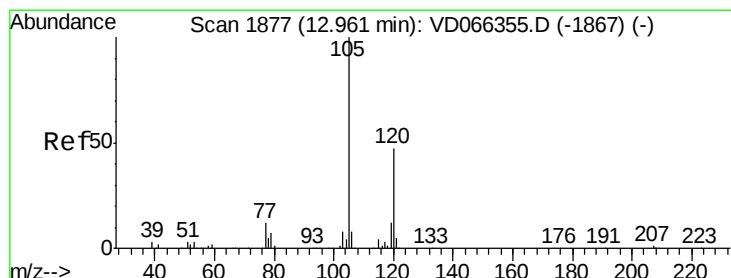
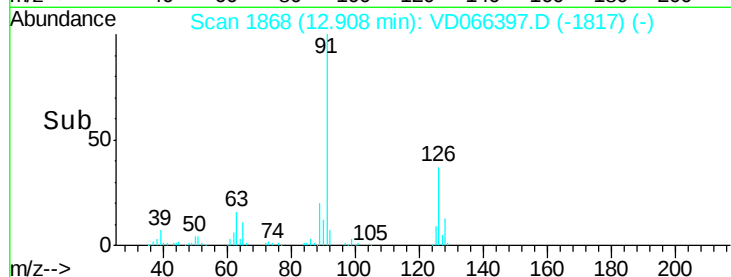
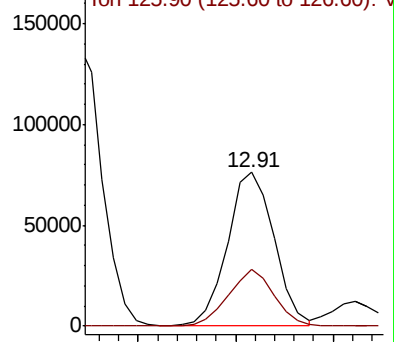
Ion Ratio Lower Upper

91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066397.D (-1817) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.404 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066397.D

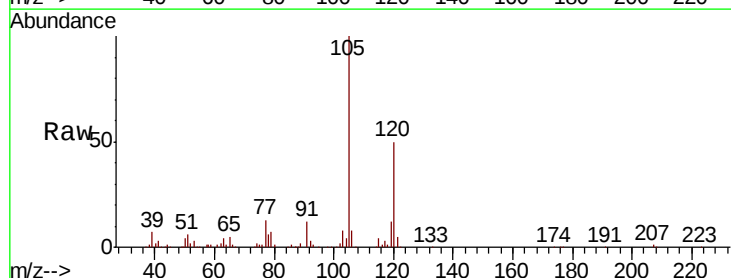
Acq: 25 Aug 2020 12:51

Tgt Ion:105 Resp: 168272

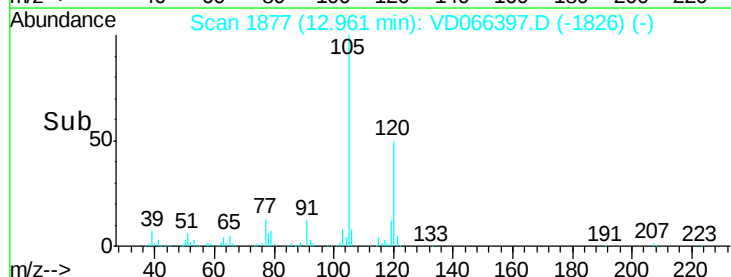
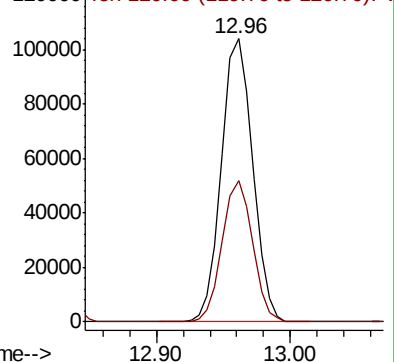
Ion Ratio Lower Upper

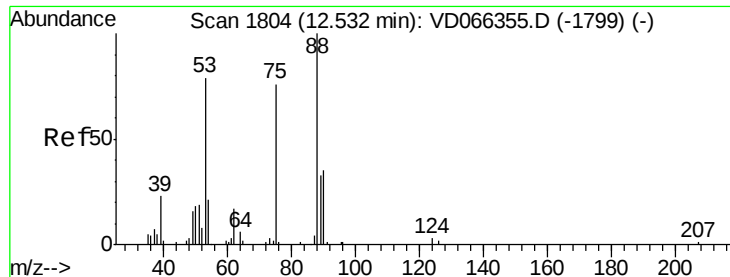
105 100

120 48.4 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066397.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.085 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

VD0825SBSD01

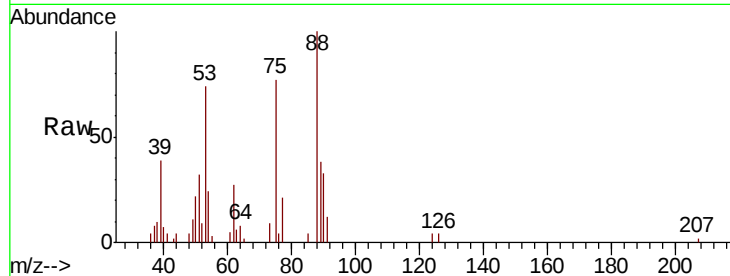
Tot Ion: 75 Resp: 10523

Ion Ratio Lower Upper

75 100

53 104.8 87.4 131.2

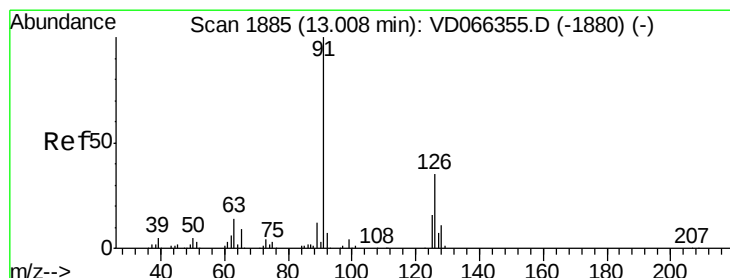
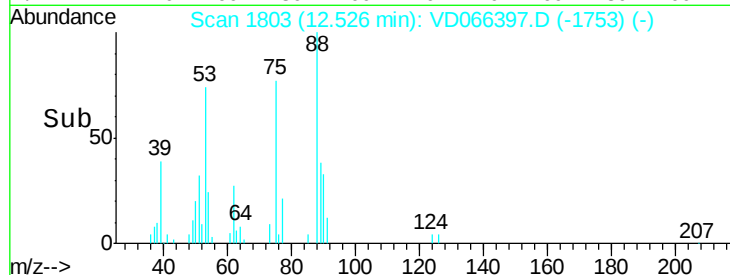
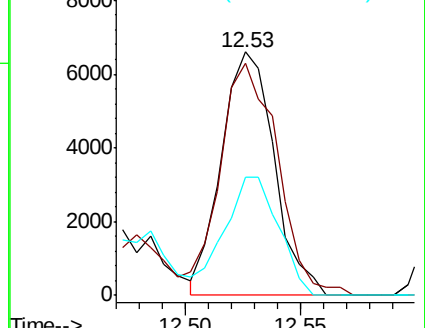
89 49.9 39.4 59.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 18.540 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066397.D

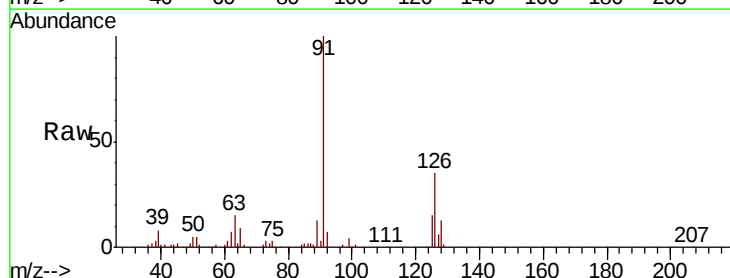
Acq: 25 Aug 2020 12:51

Tgt Ion: 91 Resp: 136223

Ion Ratio Lower Upper

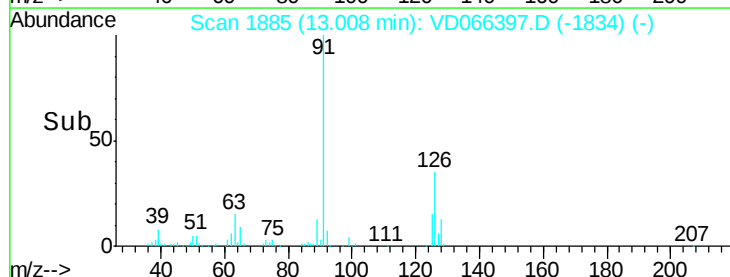
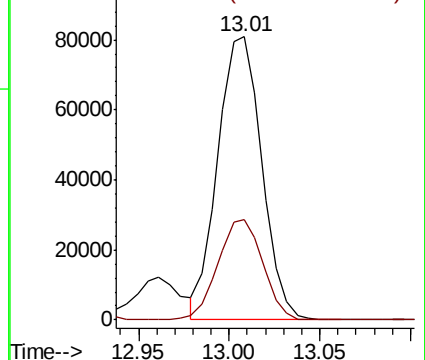
91 100

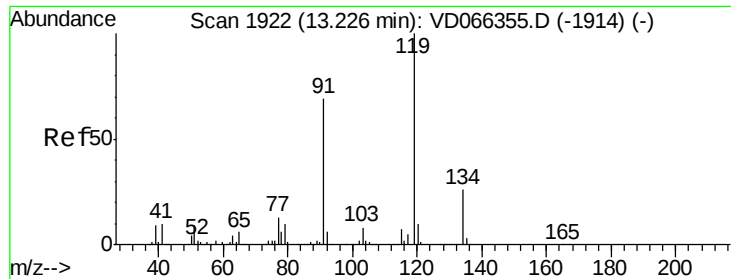
126 36.1 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

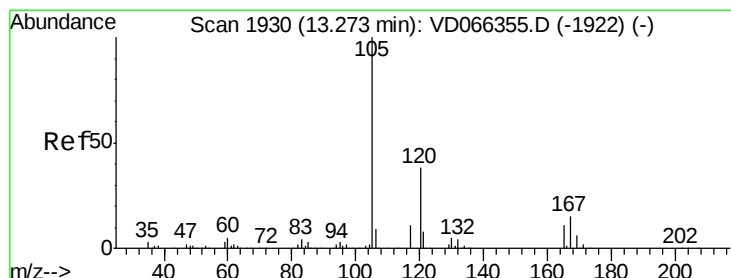
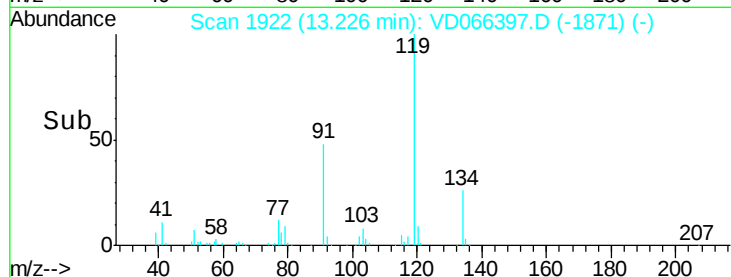
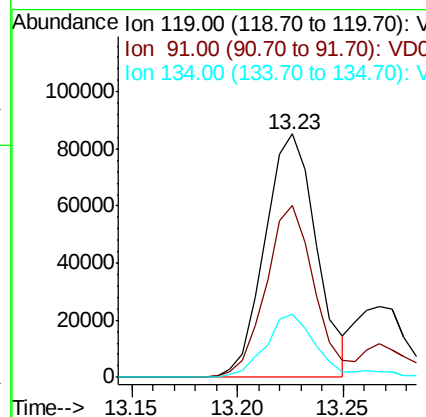
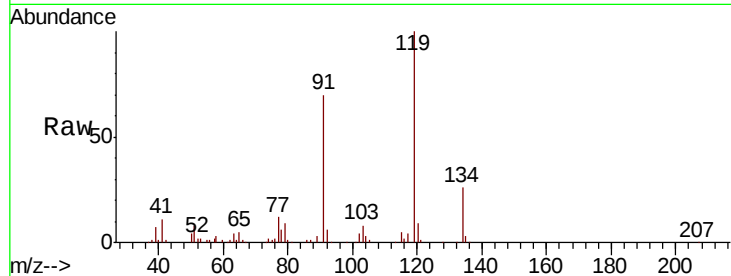




#83
tert-Butylbenzene
Concen: 18.244 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

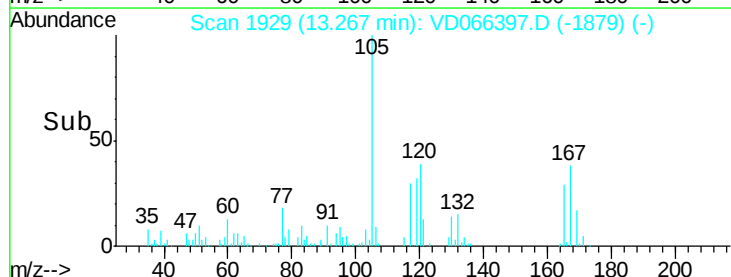
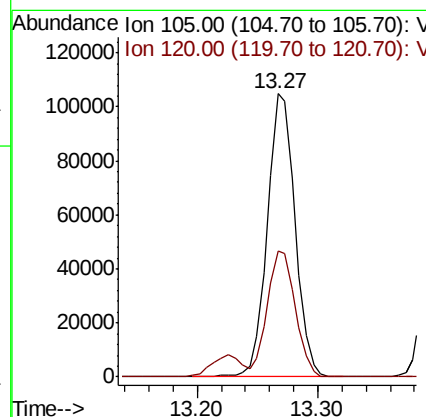
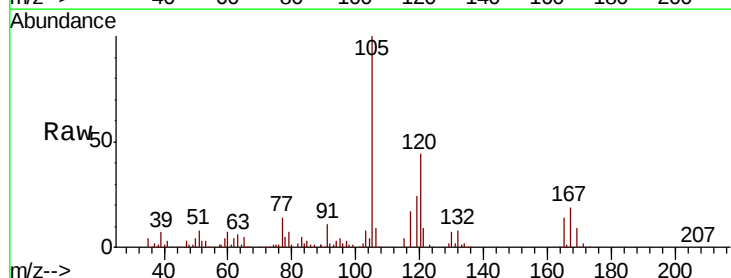
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

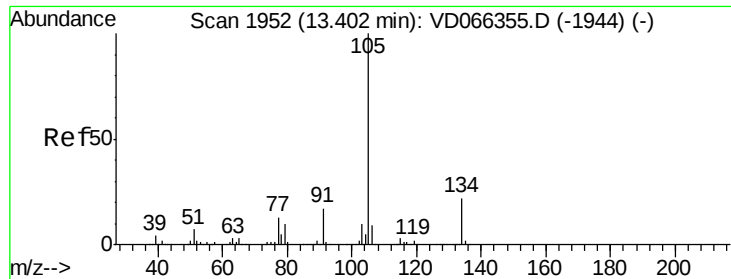
Tot Ion:119 Resp: 144893
Ion Ratio Lower Upper
119 100
91 67.1 33.5 100.5
134 24.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 18.702 ug/l
RT: 13.27 min Scan# 1929
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion:105 Resp: 167958
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.7





#85

sec-Butylbenzene

Concen: 18.770 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

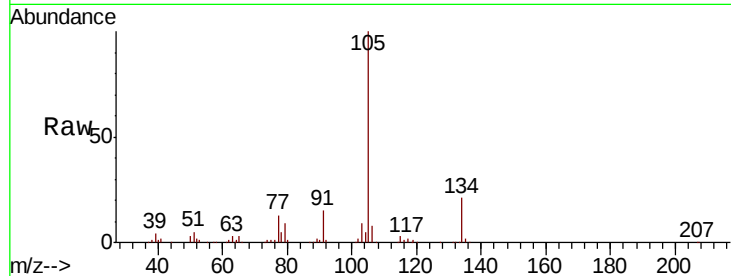
VD0825SBS01

Tot Ion:105 Resp: 195308

Ion Ratio Lower Upper

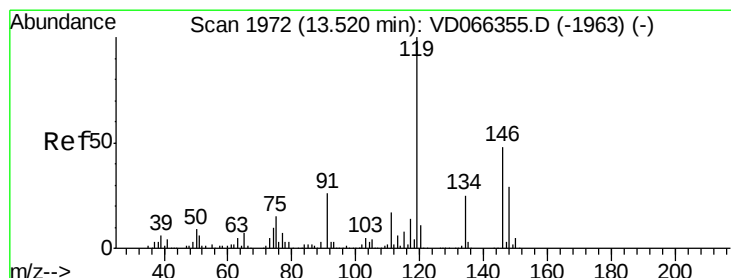
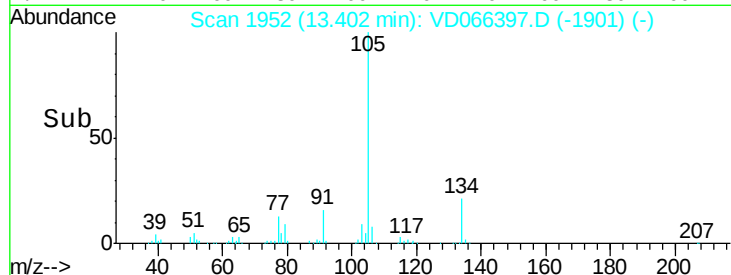
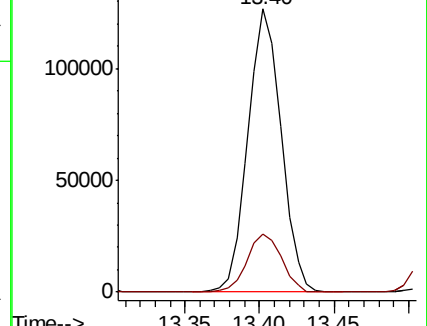
105 100

134 21.3 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.523 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066397.D

Acq: 25 Aug 2020 12:51

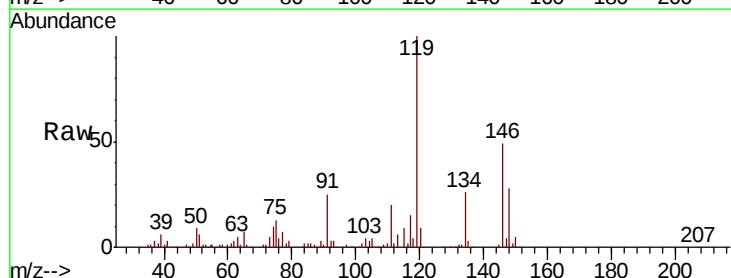
Tgt Ion:119 Resp: 185844

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.3

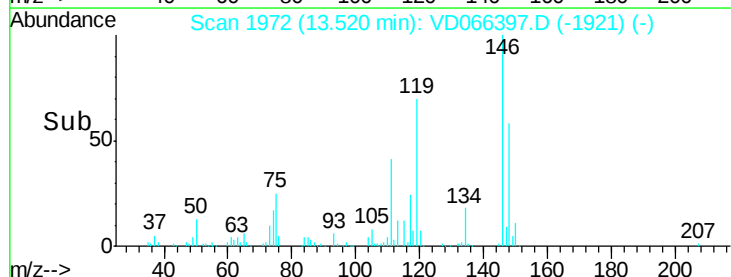
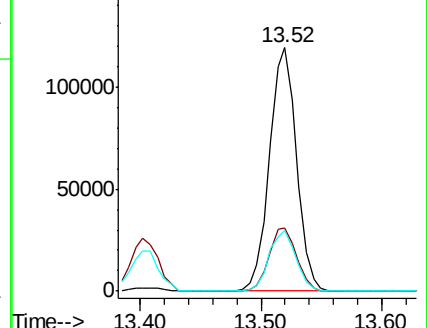
91 24.9 12.7 38.0

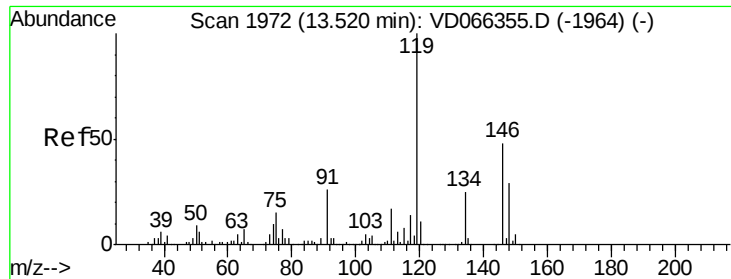


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

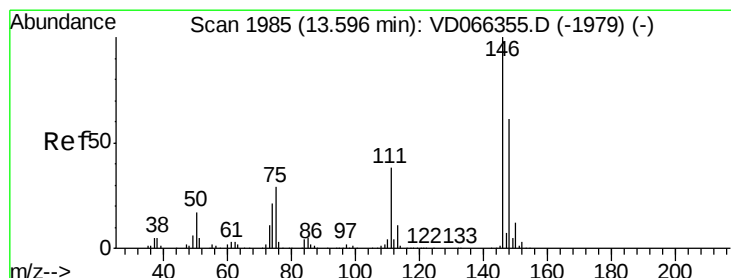
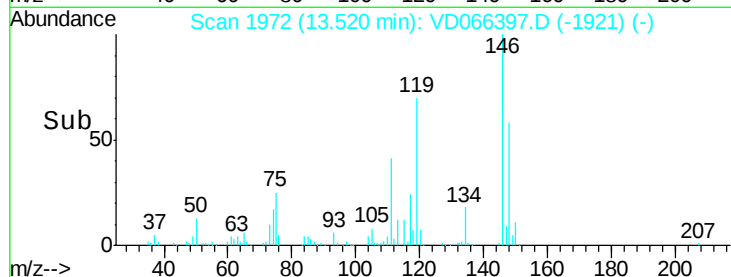
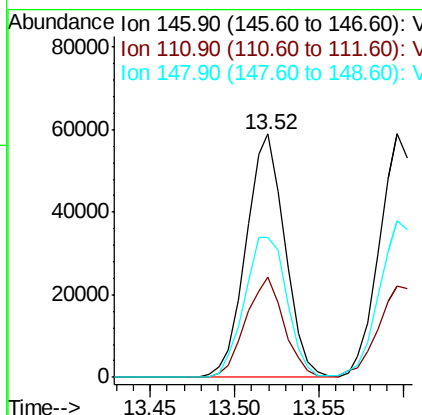
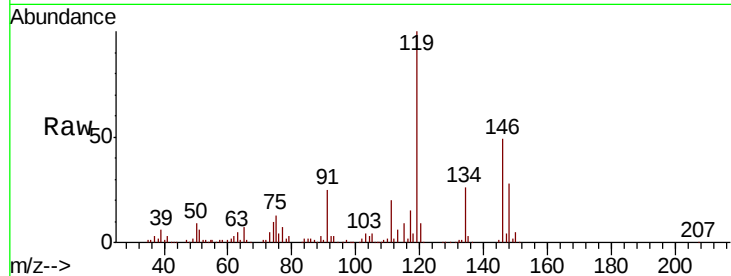




#87
 1,3-Dichlorobenzene
 Concen: 18.720 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

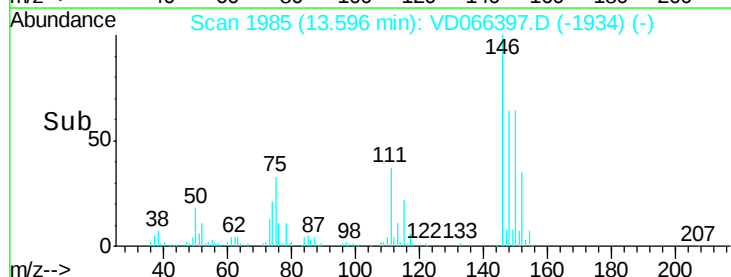
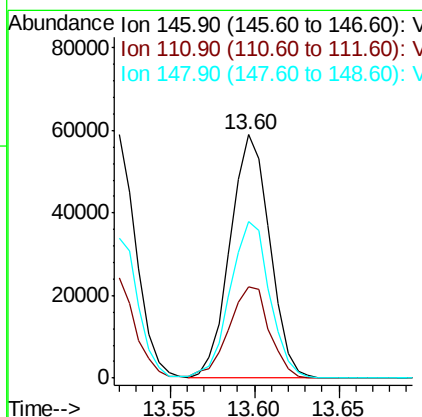
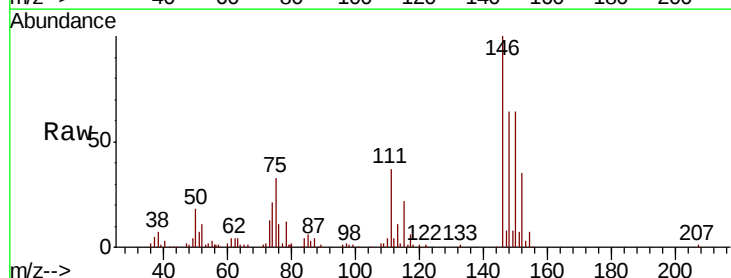
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

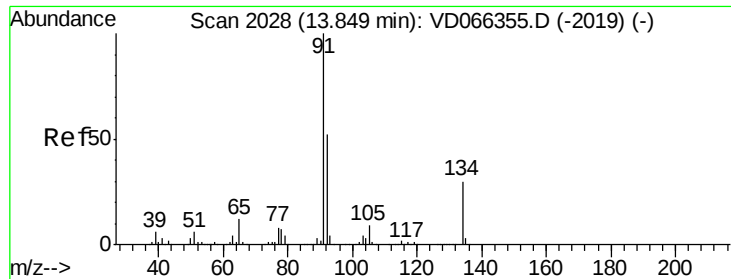
Tot Ion:146 Resp: 93922
 Ion Ratio Lower Upper
 146 100
 111 40.8 18.9 56.9
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.083 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion:146 Resp: 96132
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.5
 148 64.5 32.1 96.3

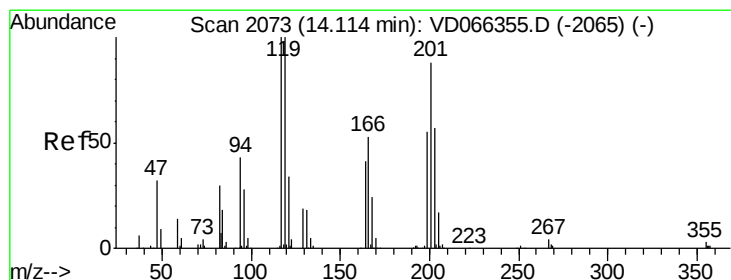
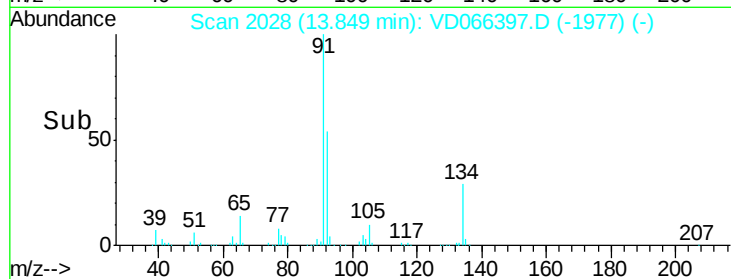
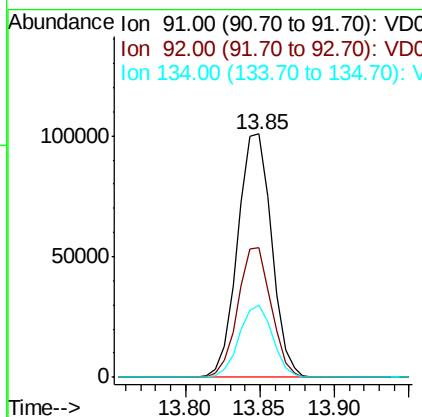
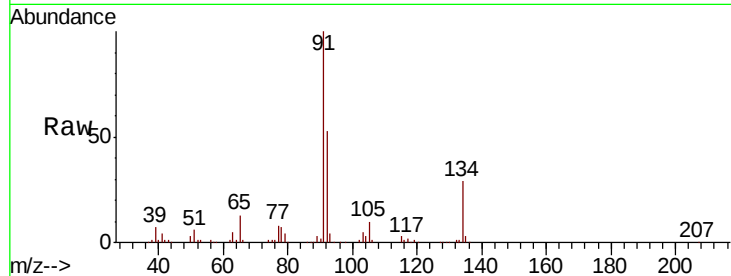




#89
n-Butylbenzene
Concen: 18.090 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

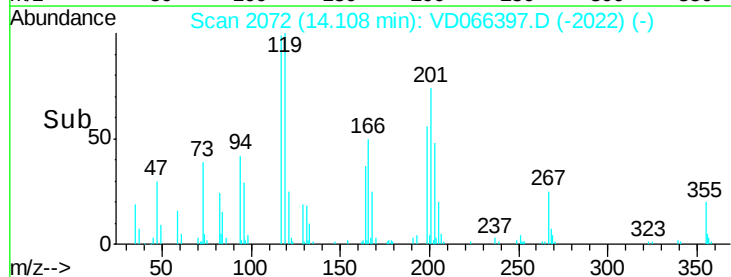
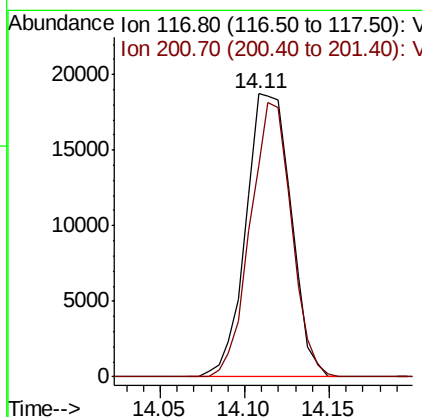
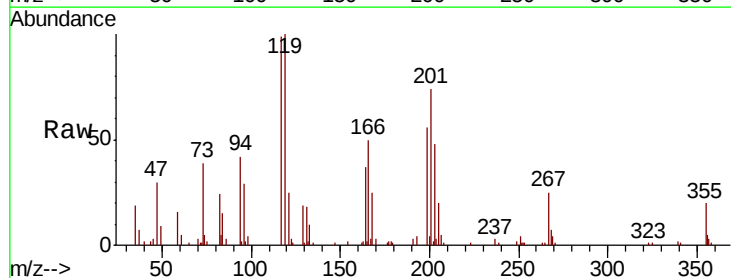
Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

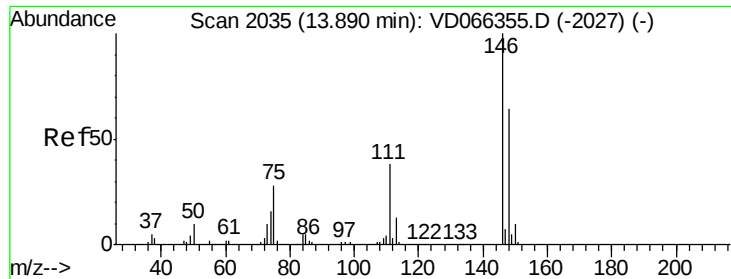
Tot Ion: 91 Resp: 160164
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 28.8 14.4 43.4



#90
Hexachloroethane
Concen: 17.556 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.01 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion: 117 Resp: 34796
Ion Ratio Lower Upper
117 100
201 88.4 45.4 136.2

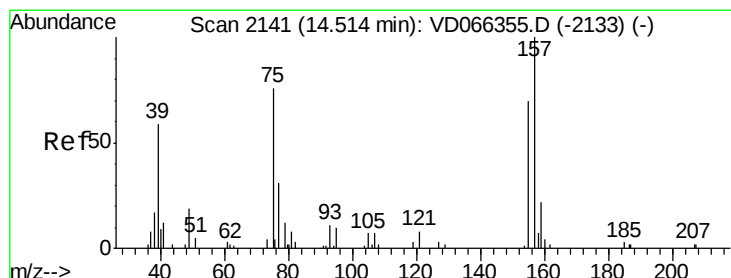
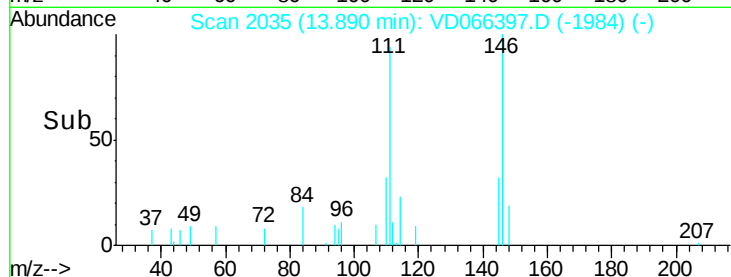
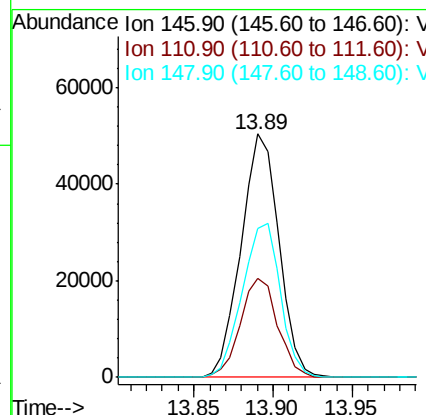
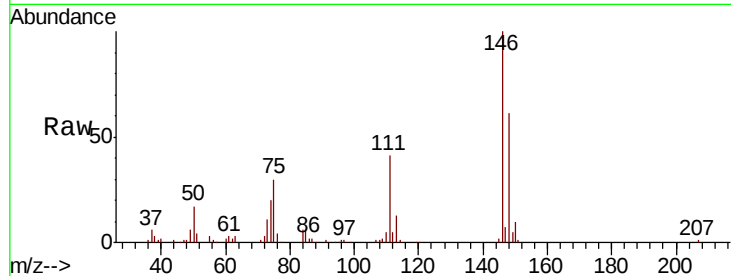




#91
 1,2-Dichlorobenzene
 Concen: 19.369 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

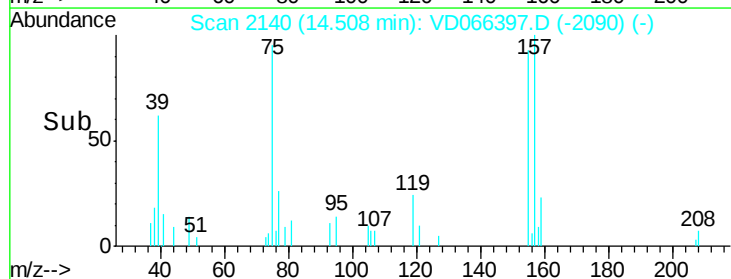
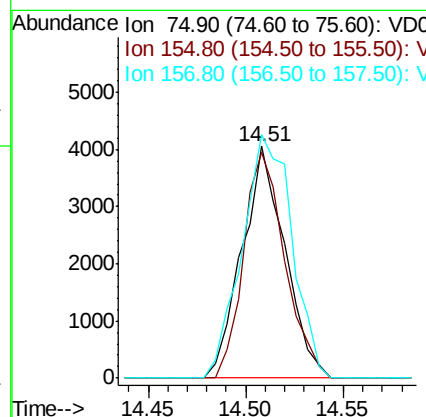
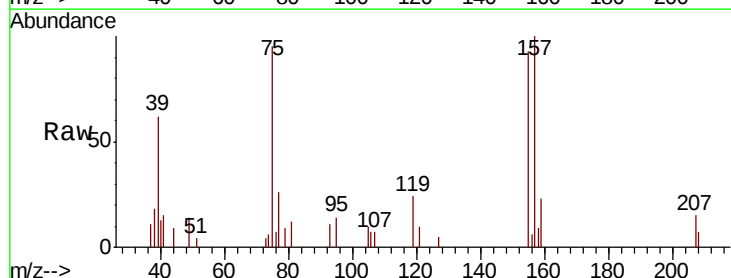
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

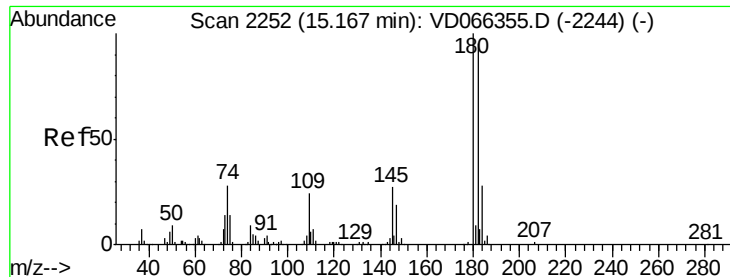
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.9	59.7
148	63.3	32.6	97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.453 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.8	46.9	140.6
157	121.9	61.0	183.0

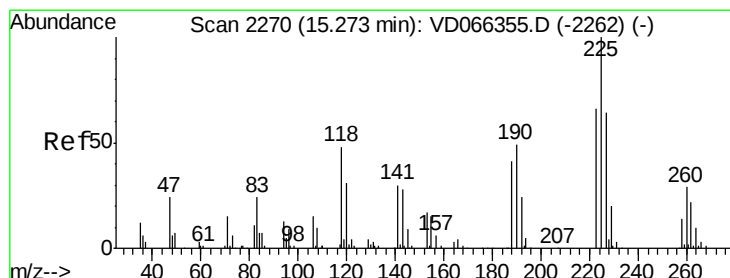
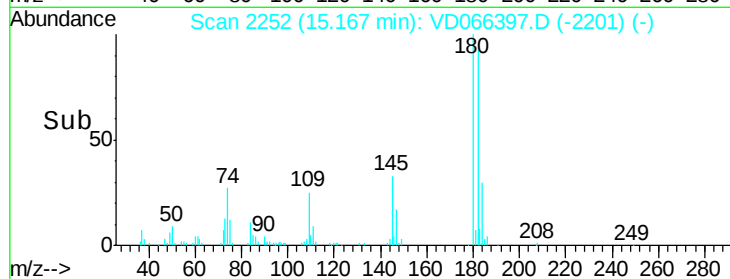
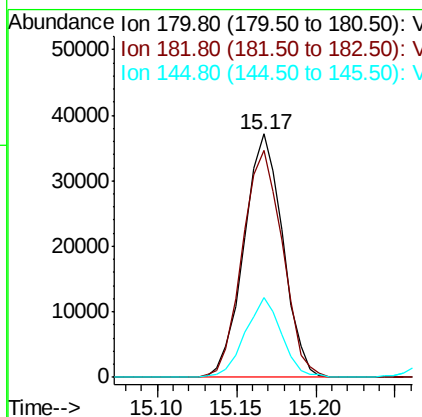
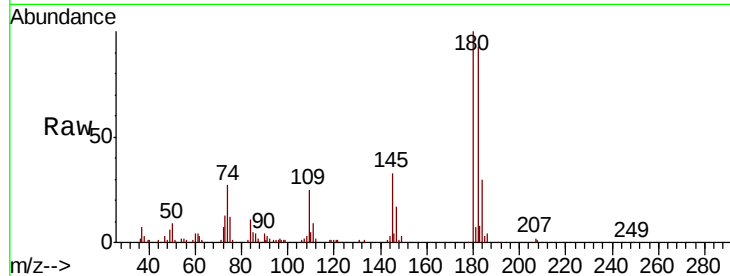




#93
 1,2,4-Trichlorobenzene
 Concen: 18.676 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

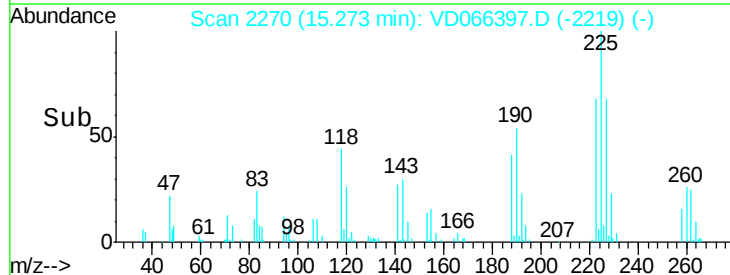
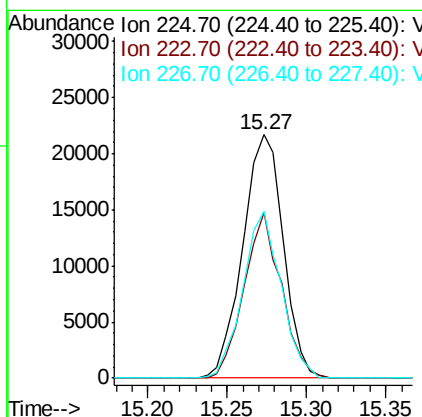
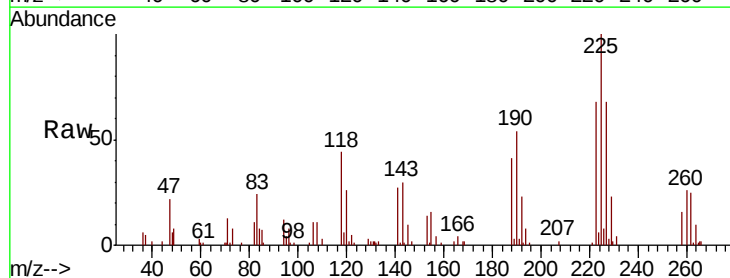
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0825SBSD01

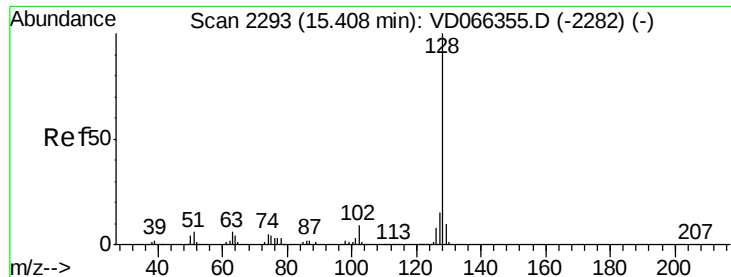
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.0
145	31.0	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 18.412 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD066397.D
 Acq: 25 Aug 2020 12:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.5	97.4
227	64.3	33.0	98.9

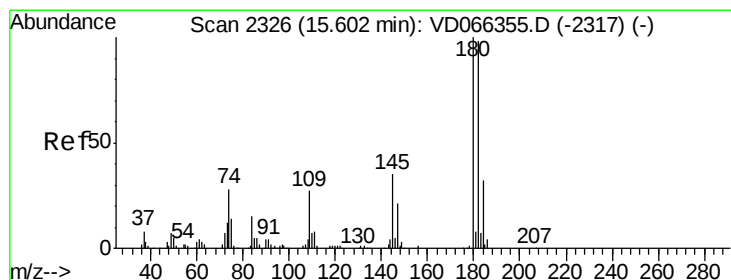
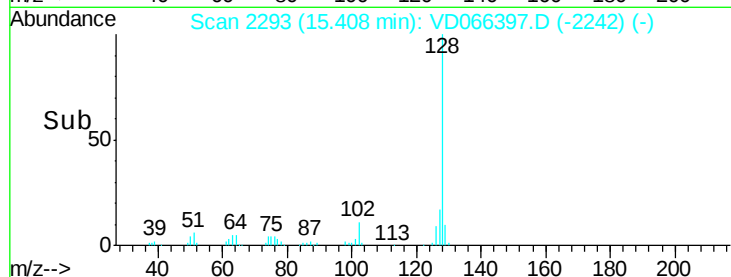
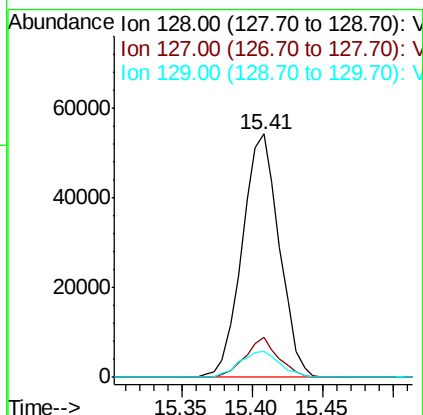
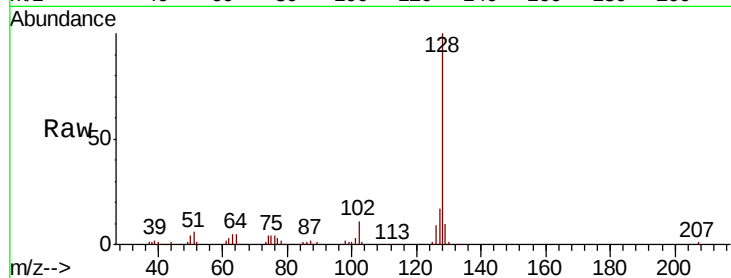




#95
Naphthalene
Concen: 18.895 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
VD0825SBSD01

Tot Ion:128 Resp: 100068
Ion Ratio Lower Upper
128 100
127 14.7 10.7 16.1
129 11.6 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.724 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066397.D
Acq: 25 Aug 2020 12:51

Tgt Ion:180 Resp: 54085
Ion Ratio Lower Upper
180 100
182 99.7 46.7 140.0
145 33.1 16.0 48.0

