

Data File : VV012518.D
Acq On : 02 Sep 2019 10:13
Operator : SY/MD
Sample : VSTD00532
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00532

Quant Time: Sep 03 01:48:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 01:44:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157413	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	77422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76566	5.24	ug/L	0.00
7) Chloroethane-d5	1.58	69	72239	6.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	189836	7.18	ug/L	0.00
20) 2-Butanone-d5	3.97	46	151585	51.93	ug/L	0.00
24) Chloroform-d	4.40	84	116370	4.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	59341	4.97	ug/L	0.00
32) Benzene-d6	5.10	84	217916	4.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	68122	4.64	ug/L	0.00
41) Toluene-d8	7.36	98	202651	4.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	24406	4.71	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	98153	48.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47949	4.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	68833	4.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	99814	4.744 ug/L	100
3) Chloromethane	1.25	50	125293	5.703 ug/L	100
5) Vinyl chloride	1.32	62	133115	6.225 ug/L	100
6) Bromomethane	1.54	94	78730	6.631 ug/L	100
8) Chloroethane	1.60	64	88440	7.282 ug/L	100
9) Trichlorofluoromethane	1.77	101	203284	7.050 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113010	7.638 ug/L	100
12) 1,1-Dichloroethene	2.14	96	106690	7.617 ug/L	100
13) Acetone	2.23	43	210244	82.445 ug/L	100
14) Carbon disulfide	2.32	76	331684	7.721 ug/L	100
15) Methyl Acetate	2.47	43	54271	8.558 ug/L	100
16) Methylene chloride	2.53	84	118210	7.359 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	178376	5.293 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	82819	5.268 ug/L	100
19) 1,1-Dichloroethane	3.23	63	159497	5.204 ug/L	100
21) 2-Butanone	4.05	43	208023	53.074 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	84413	5.176 ug/L	100
23) Bromochloromethane	4.30	128	34105	4.881 ug/L	100
25) Chloroform	4.42	83	160307	4.998 ug/L	100
27) 1,2-Dichloroethane	5.18	62	101376	5.547 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	127624	5.047 ug/L	100
30) Cyclohexane	4.72	56	135768	5.273 ug/L	100
31) Carbon tetrachloride	4.87	117	109535	4.926 ug/L	100
33) Benzene	5.14	78	339574	5.223 ug/L	100
34) Trichloroethene	5.96	95	87003	5.228 ug/L	100
35) Methylcyclohexane	6.18	83	135527	5.354 ug/L	100
37) 1,2-Dichloropropane	6.22	63	84187	5.002 ug/L	100
38) Bromodichloromethane	6.55	83	109061	5.156 ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	115703	5.272 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	542631	55.912 ug/L	100

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 01:44:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	364096	5.455	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	90872	5.307	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	55650	4.953	ug/L	100
47) Tetrachloroethene	8.02	164	64840	4.943	ug/L	100
48) 2-Hexanone	8.19	43	387207	58.529	ug/L	100
49) Dibromochloromethane	8.29	129	62818	4.921	ug/L	100
50) 1,2-Dibromoethane	8.40	107	50124	5.074	ug/L	100
51) Chlorobenzene	8.92	112	219215	5.189	ug/L	100
52) Ethylbenzene	9.05	91	394416	5.554	ug/L	100
53) m,p-xylene	9.18	106	143024	5.558	ug/L	100
54) o-xylene	9.59	106	136627	5.418	ug/L	100
55) Styrene	9.60	104	237318	5.631	ug/L	100
56) Isopropylbenzene	9.97	105	379178	5.675	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	63600	4.863	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	47835	5.072	ug/L	100
61) Bromoform	9.77	173	30816	4.405	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	167735	5.190	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	167385	5.160	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	152021	5.005	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	9895	4.825	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	122400	5.082	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	91236	5.165	ug/L	100
69) Naphthalene	13.55	128	130483	5.117	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	82222	4.933	ug/L	100

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

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ALS Vial      : 4      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VSTD00532

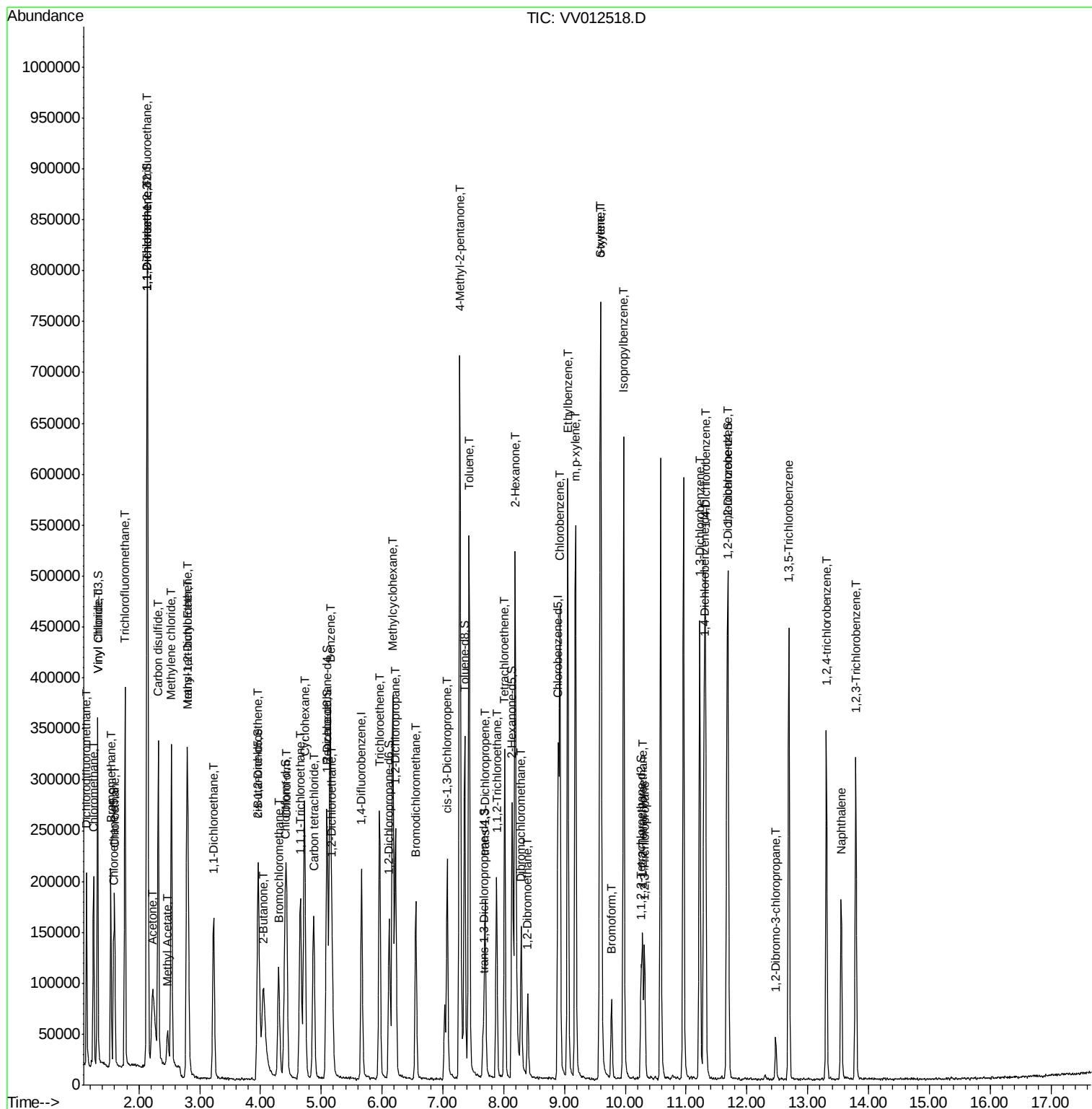
Quant Time: Sep 03 01:48:27 2019

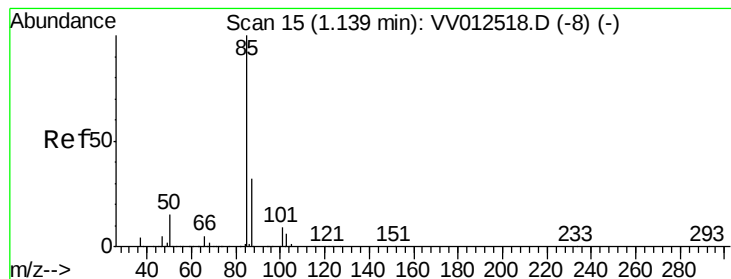
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0MVTR090219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Tue Sep 03 01:44:55 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.744 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

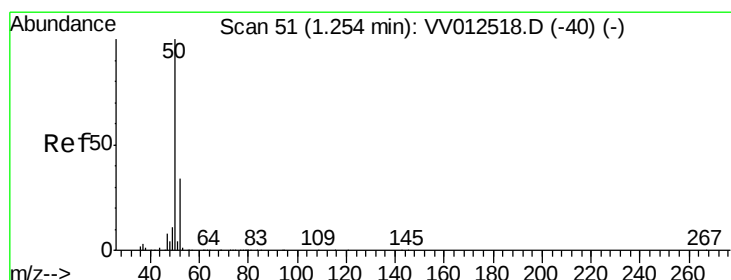
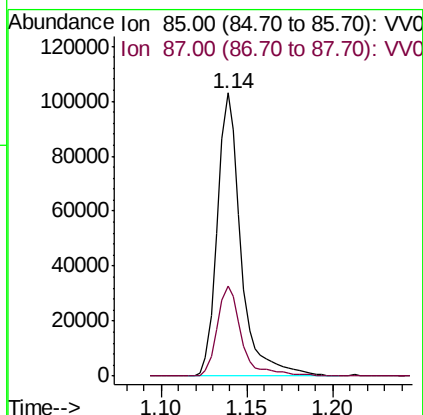
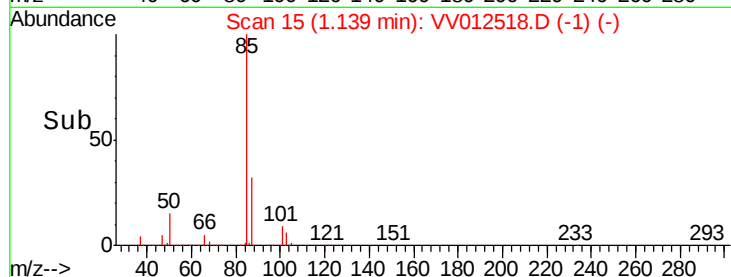
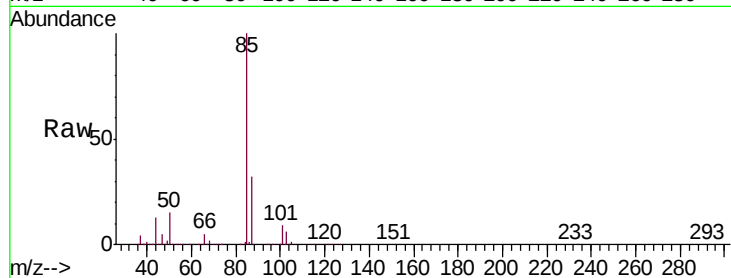
VSTD00532

Tgt Ion: 85 Resp: 99814

Ion Ratio Lower Upper

85 100

87 33.0 26.4 39.6



#3

Chloromethane

Concen: 5.703 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012518.D

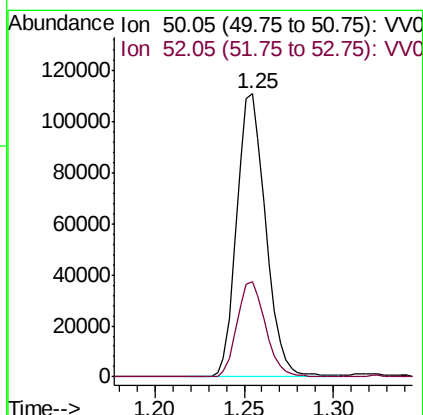
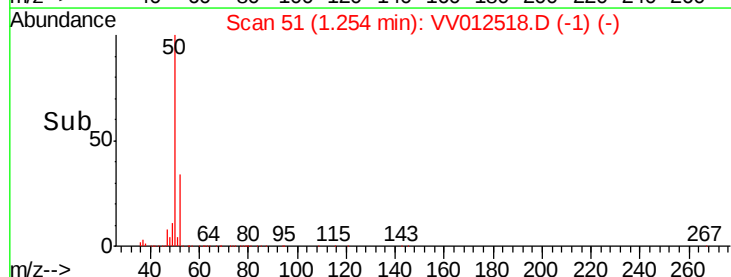
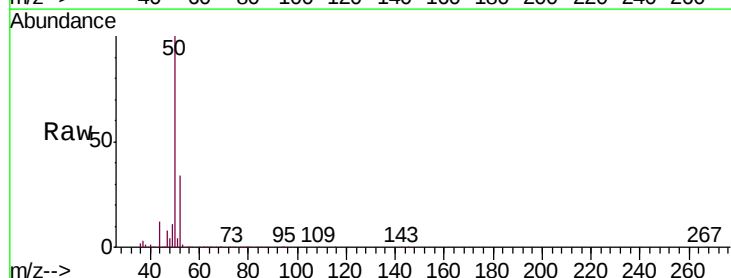
Acq: 02 Sep 2019 10:13

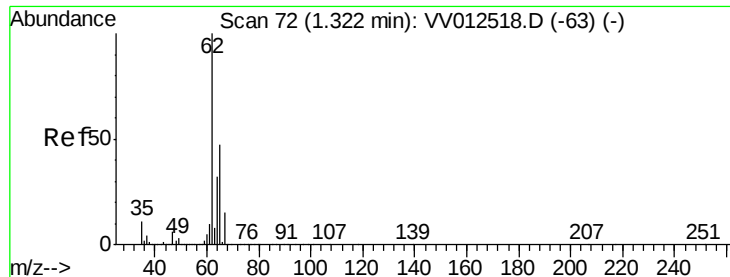
Tgt Ion: 50 Resp: 125293

Ion Ratio Lower Upper

50 100

52 33.6 23.5 43.7





#5

Vinyl chloride

Concen: 6.225 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

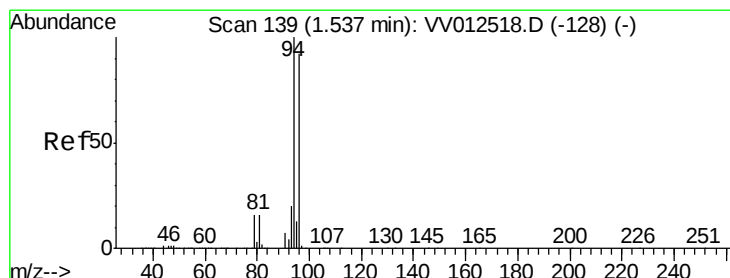
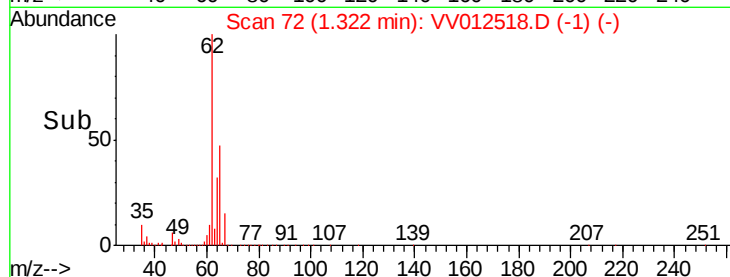
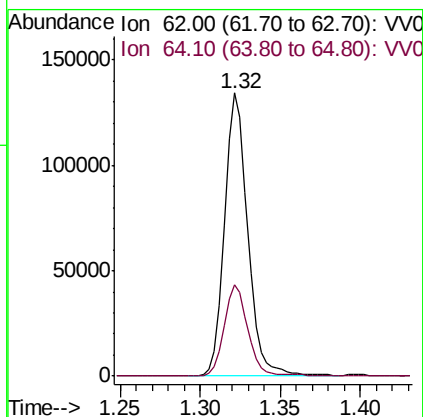
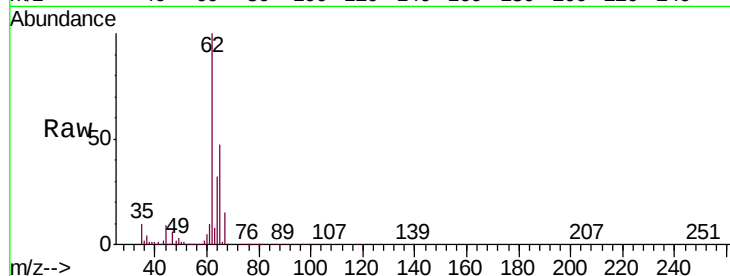
VSTD00532

Tgt Ion: 62 Resp: 133115

Ion Ratio Lower Upper

62 100

64 32.4 22.7 42.1



#6

Bromomethane

Concen: 6.631 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV012518.D

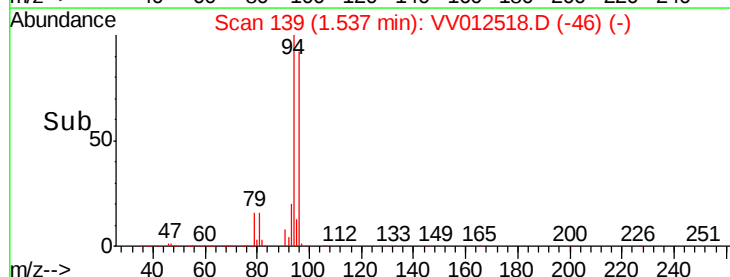
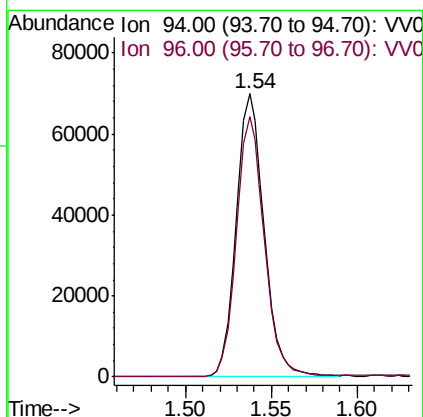
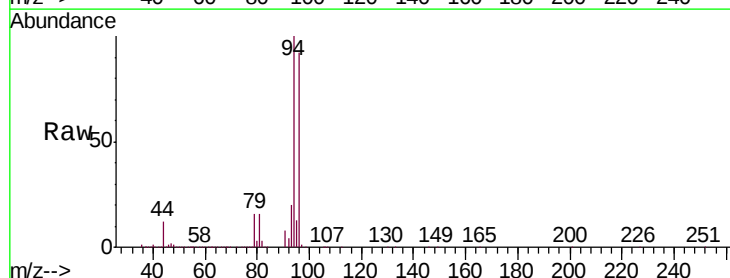
Acq: 02 Sep 2019 10:13

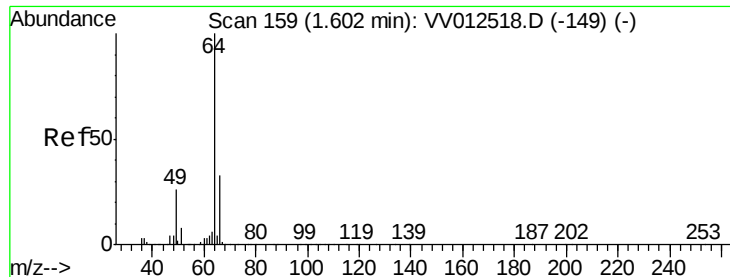
Tgt Ion: 94 Resp: 78730

Ion Ratio Lower Upper

94 100

96 91.8 64.3 119.3





#8

Chloroethane

Concen: 7.282 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

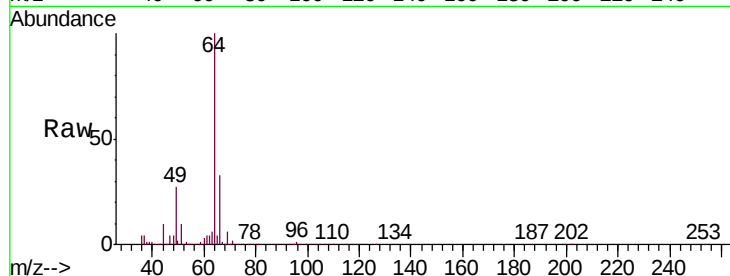
VSTD00532

Tgt Ion: 64 Resp: 88440

Ion Ratio Lower Upper

64 100

66 33.0 23.1 42.9



Abundance Ion 64.10 (63.80 to 64.80): VV012518.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV012518.D (-149) (-)

1.60

80000

60000

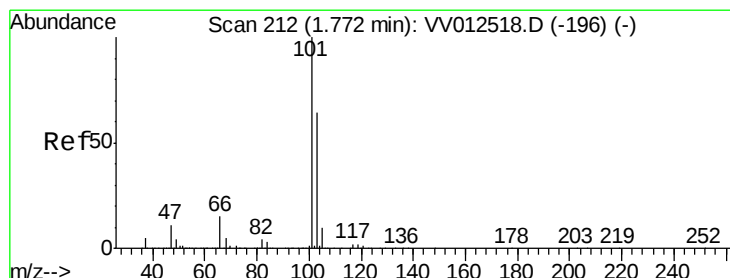
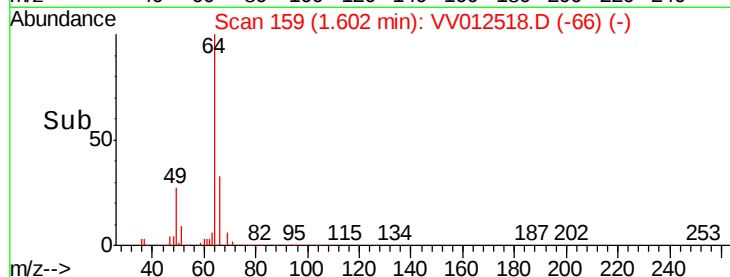
40000

20000

0

1.55 1.60 1.65

Time-->



#9

Trichlorofluoromethane

Concen: 7.050 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV012518.D

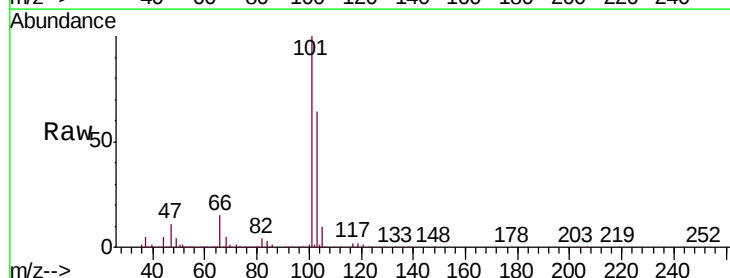
Acq: 02 Sep 2019 10:13

Tgt Ion: 101 Resp: 203284

Ion Ratio Lower Upper

101 100

103 64.0 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): VV012518.D (-196) (-)

Ion 103.00 (102.70 to 103.70): VV012518.D (-196) (-)

1.77

150000

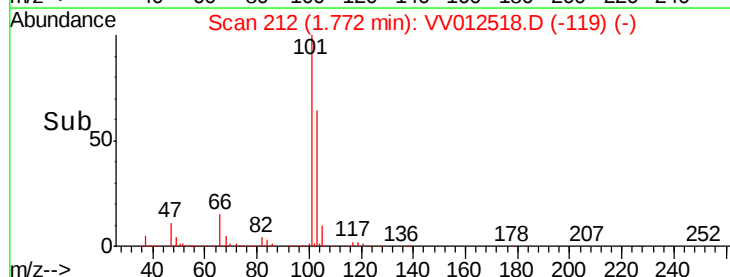
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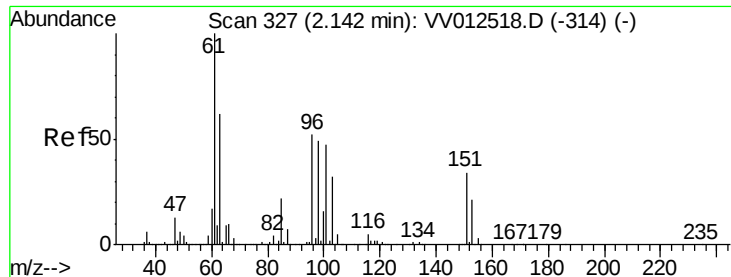
50000

0

1.70 1.75 1.80 1.85

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 7.638 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD00532

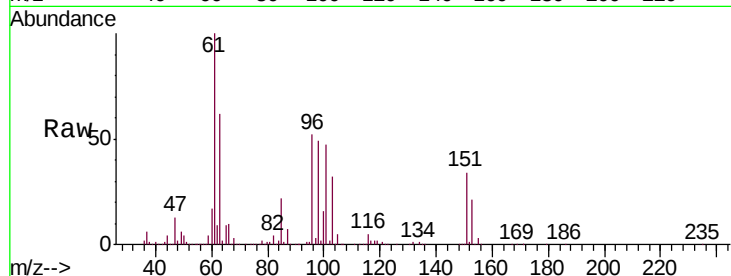
Tgt Ion: 101 Resp: 113010

Ion Ratio Lower Upper

101 100

85 46.7 37.4 56.0

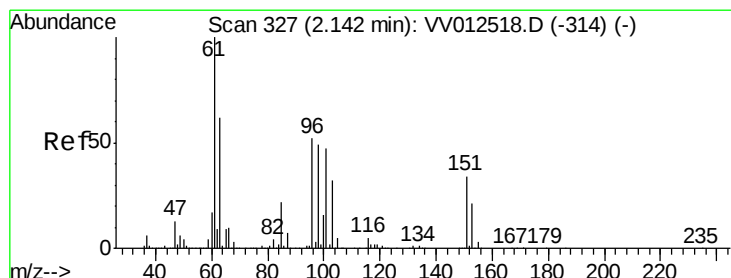
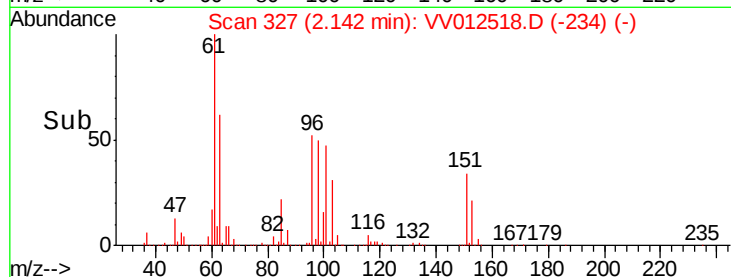
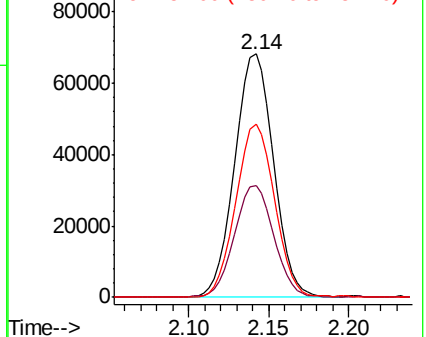
151 70.9 56.7 85.1



Abundance Ion 101.00 (100.70 to 101.70): VV012518.D (-314) (-)

Ion 85.00 (84.70 to 85.70): VV012518.D (-314) (-)

Ion 151.00 (150.70 to 151.70): VV012518.D (-314) (-)



#12

1,1-Dichloroethene

Concen: 7.617 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

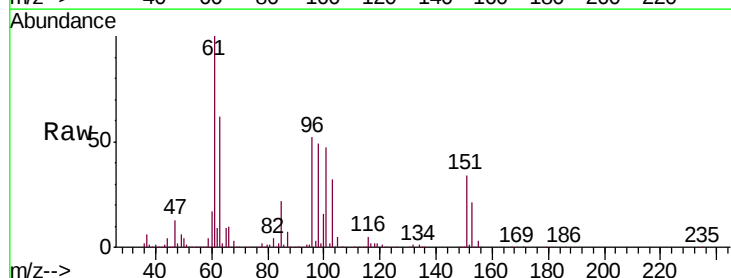
Tgt Ion: 96 Resp: 106690

Ion Ratio Lower Upper

96 100

61 191.0 133.7 248.3

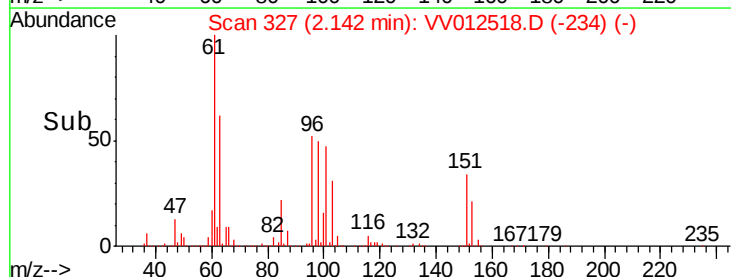
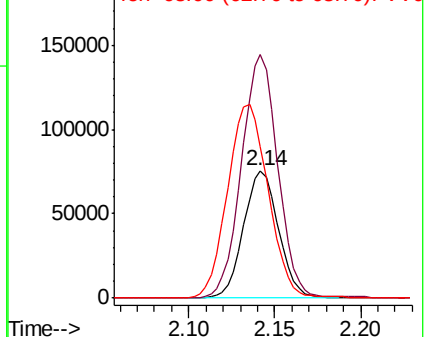
63 118.9 83.2 154.6

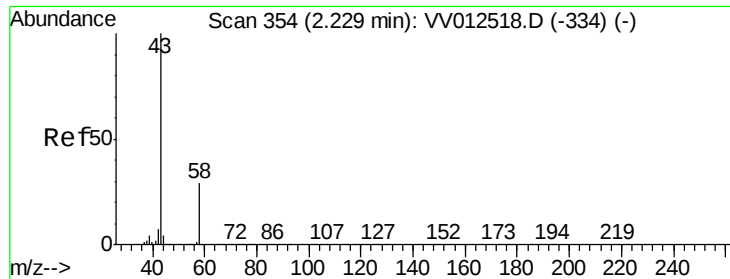


Abundance Ion 96.00 (95.70 to 96.70): VV012518.D (-314) (-)

Ion 61.05 (60.75 to 61.75): VV012518.D (-314) (-)

Ion 63.00 (62.70 to 63.70): VV012518.D (-314) (-)





#13

Acetone

Concen: 82.445 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

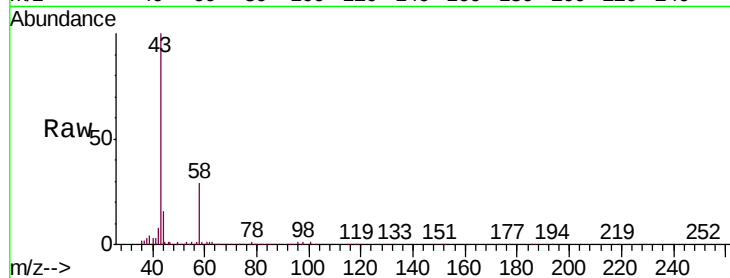
VSTD00532

Tgt Ion: 43 Resp: 210244

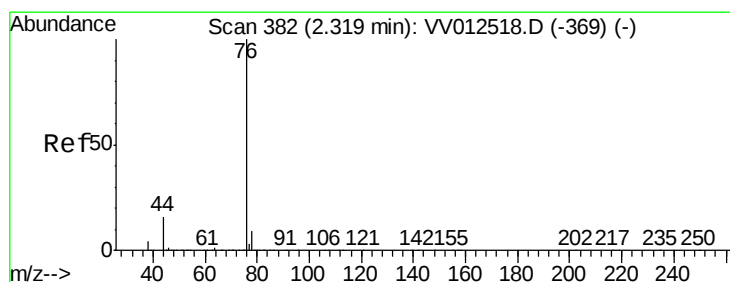
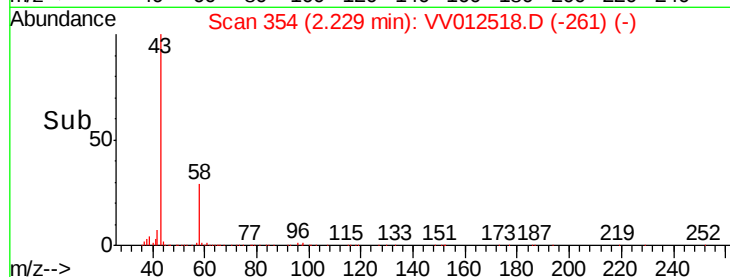
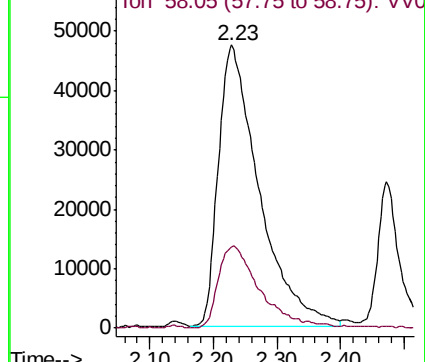
Ion Ratio Lower Upper

43 100

58 29.1 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV012518.D (-334) (-)



#14

Carbon disulfide

Concen: 7.721 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012518.D

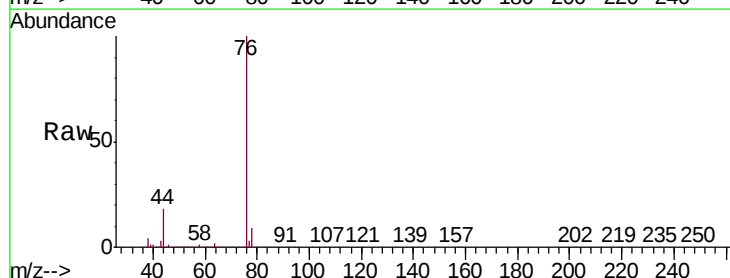
Acq: 02 Sep 2019 10:13

Tgt Ion: 76 Resp: 331684

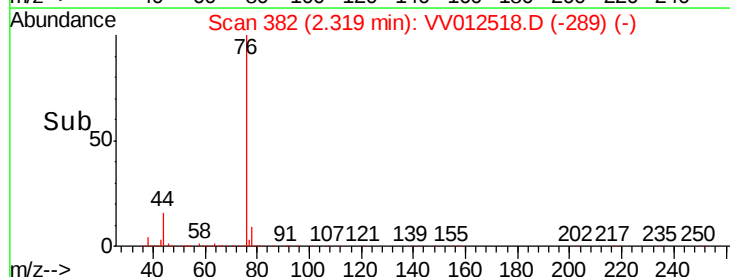
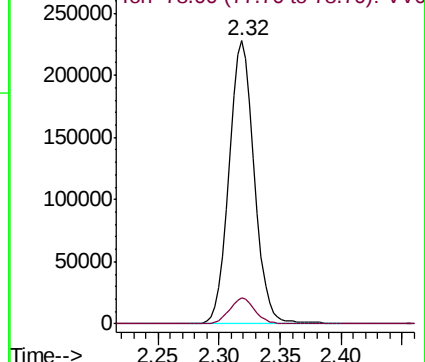
Ion Ratio Lower Upper

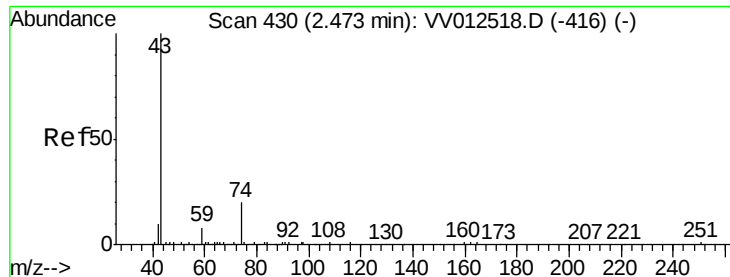
76 100

78 9.2 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV012518.D (-369) (-)





#15

Methyl Acetate

Concen: 8.558 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampled :

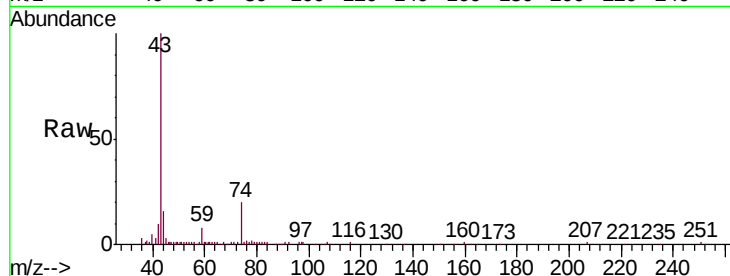
VSTD00532

Tgt Ion: 43 Resp: 54271

Ion Ratio Lower Upper

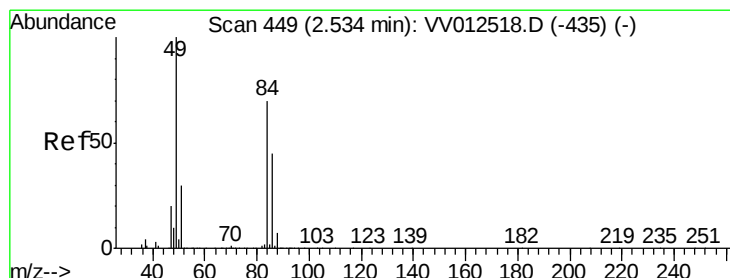
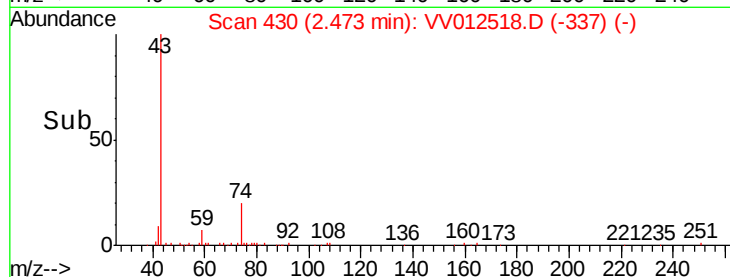
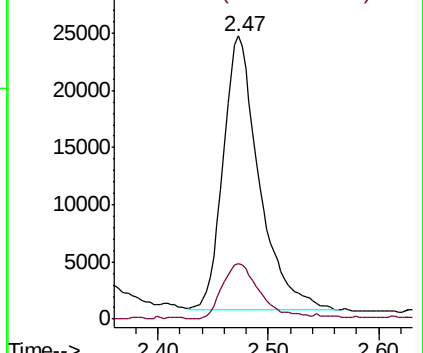
43 100

74 21.6 17.3 25.9



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 7.359 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

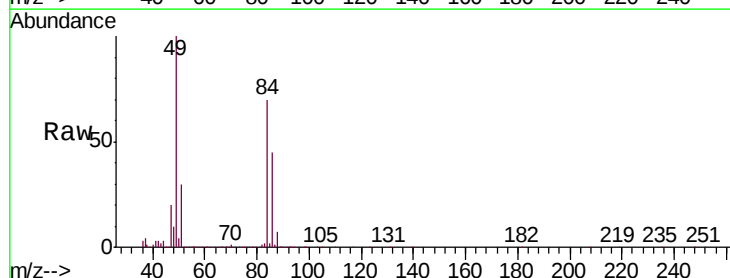
Tgt Ion: 84 Resp: 118210

Ion Ratio Lower Upper

84 100

86 64.6 45.2 84.0

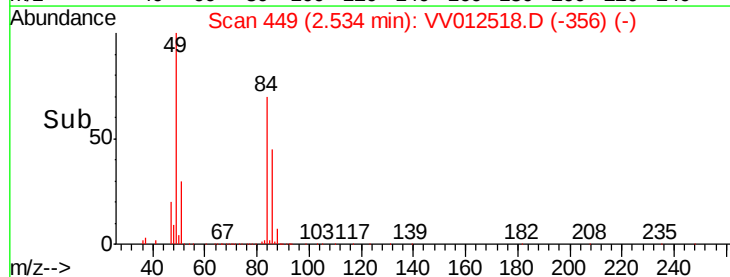
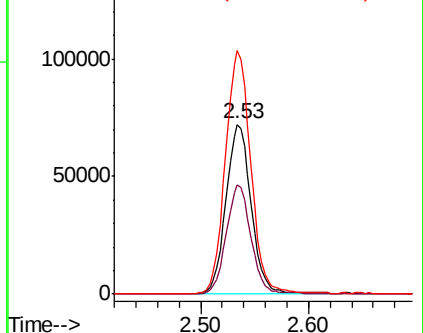
49 143.4 100.4 186.4

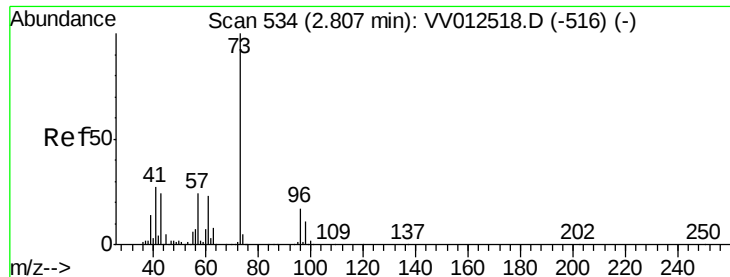


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

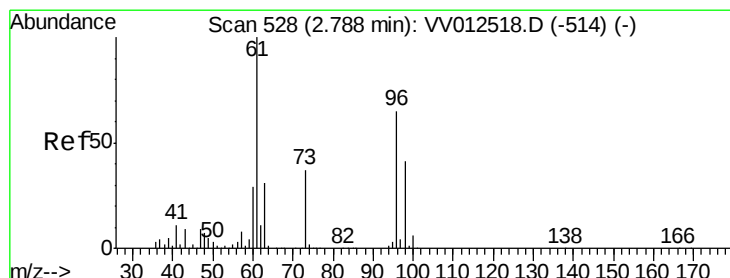
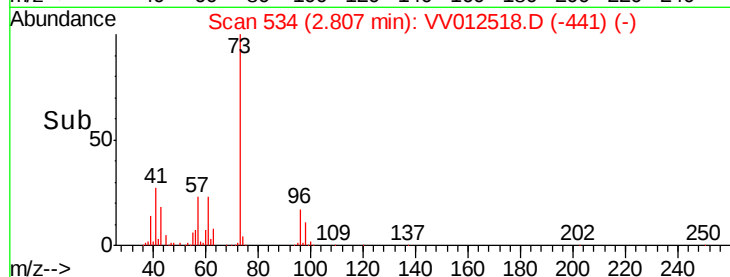
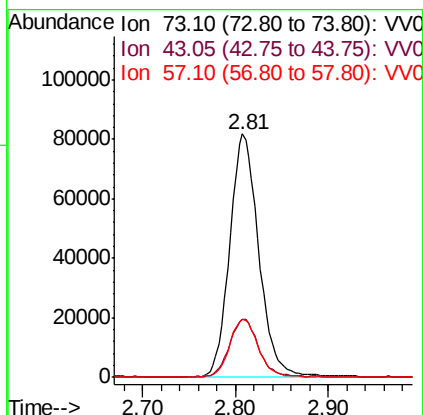
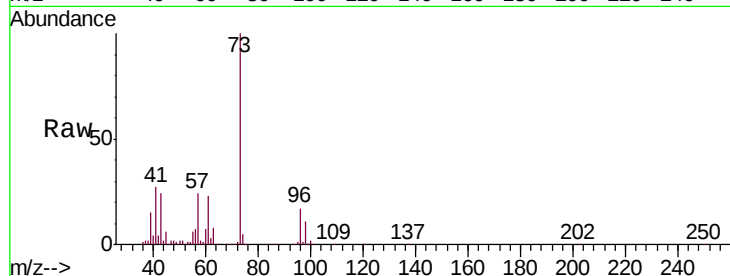




#17
Methyl tert-butyl Ether
Concen: 5.293 ug/L
RT: 2.81 min Scan# 534
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

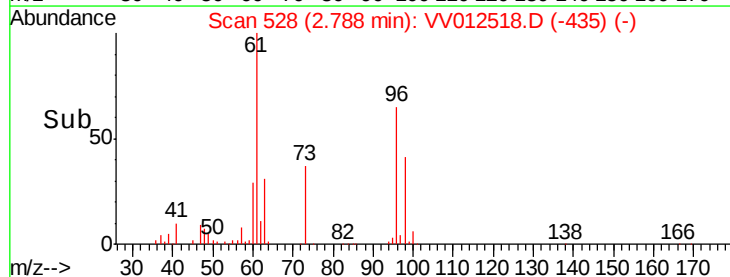
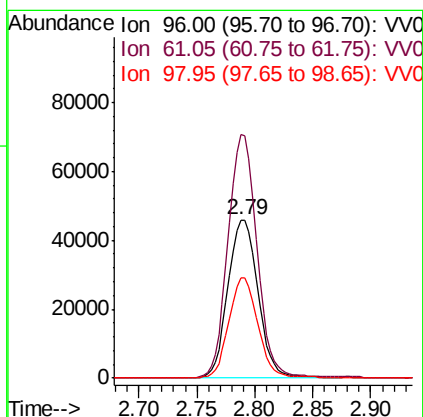
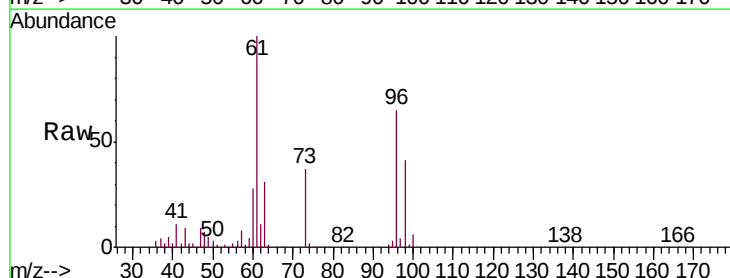
Instrument :
MSVOA_V
ClientSampleId :
VSTD00532

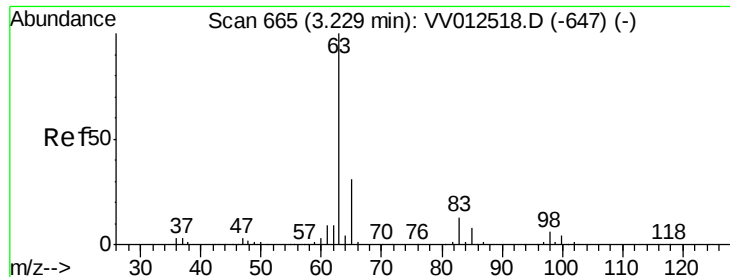
Tgt Ion: 73 Resp: 178376
Ion Ratio Lower Upper
73 100
43 23.6 18.9 28.3
57 22.9 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 5.268 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

Tgt Ion: 96 Resp: 82819
Ion Ratio Lower Upper
96 100
61 153.7 107.6 199.8
98 63.4 44.4 82.4

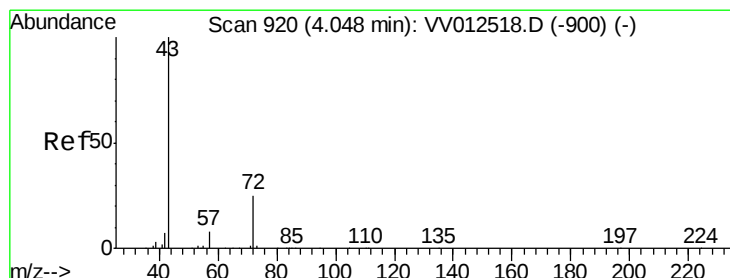
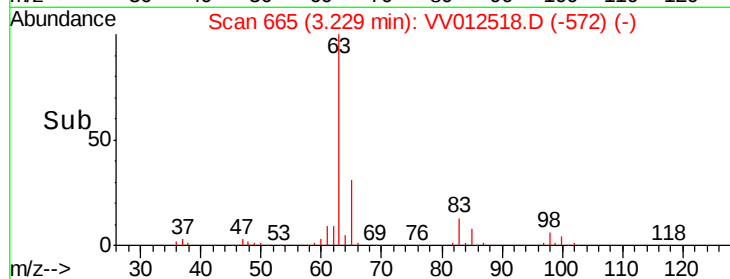
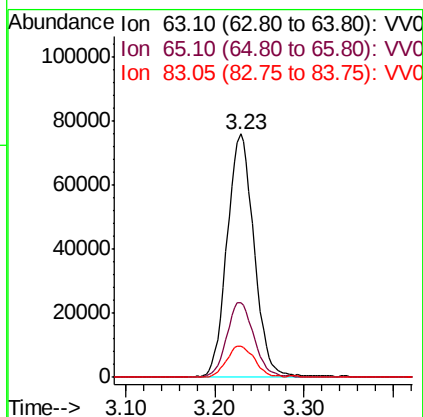
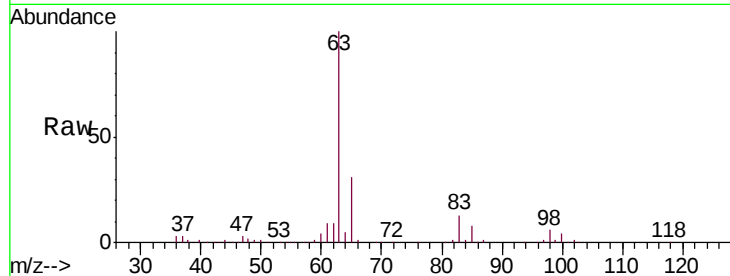




#19
 1,1-Dichloroethane
 Concen: 5.204 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

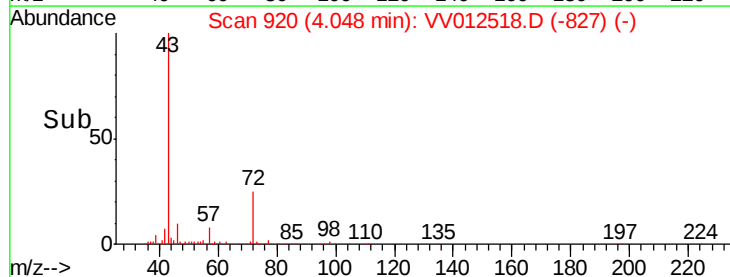
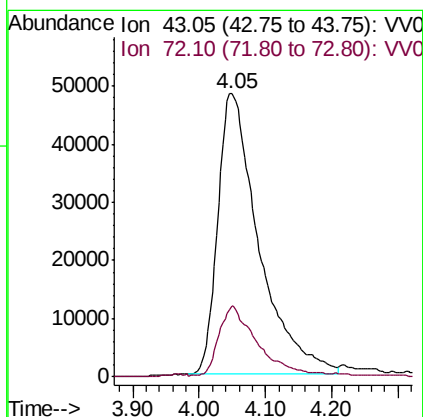
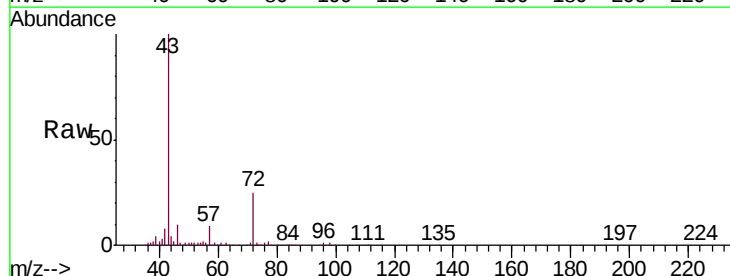
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

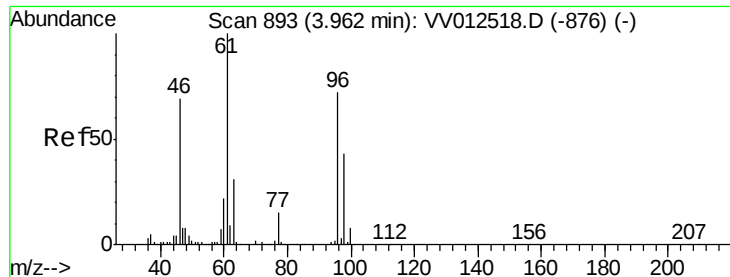
Tgt Ion: 63 Resp: 159497
 Ion Ratio Lower Upper
 63 100
 65 30.7 21.5 39.9
 83 13.0 9.1 16.9



#21
 2-Butanone
 Concen: 53.074 ug/L
 RT: 4.05 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion: 43 Resp: 208023
 Ion Ratio Lower Upper
 43 100
 72 22.7 11.4 34.1





#22

cis-1,2-Dichloroethene

Concen: 5.176 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD00532

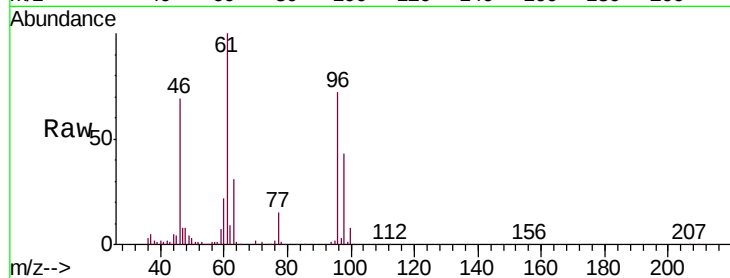
Tgt Ion: 96 Resp: 84413

Ion Ratio Lower Upper

96 100

61 139.3 97.5 181.1

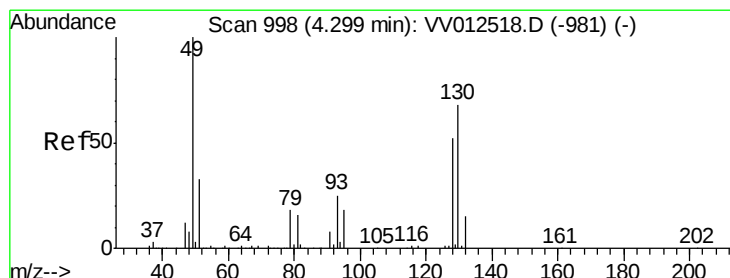
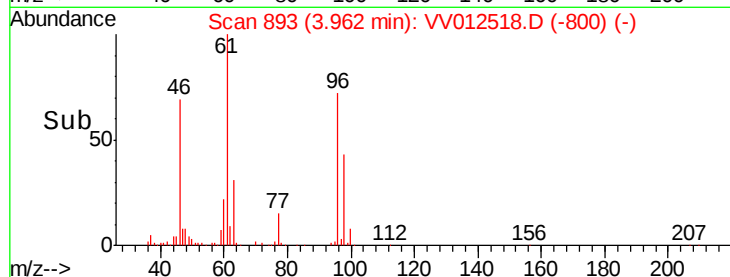
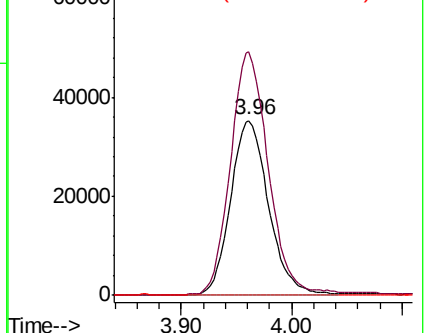
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV012518.D (-876) (-)

Ion 61.05 (60.75 to 61.75): VV012518.D (-876) (-)

Ion 68.15 (67.85 to 68.85): VV012518.D (-876) (-)



#23

Bromochloromethane

Concen: 4.881 ug/L

RT: 4.30 min Scan# 998

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Tgt Ion: 128 Resp: 34105

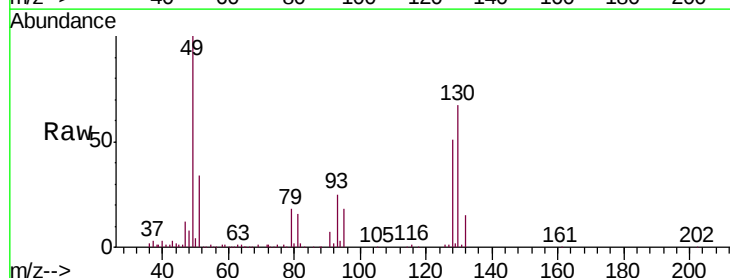
Ion Ratio Lower Upper

128 100

49 195.0 136.5 253.5

130 131.6 92.1 171.1

51 65.6 52.5 78.7

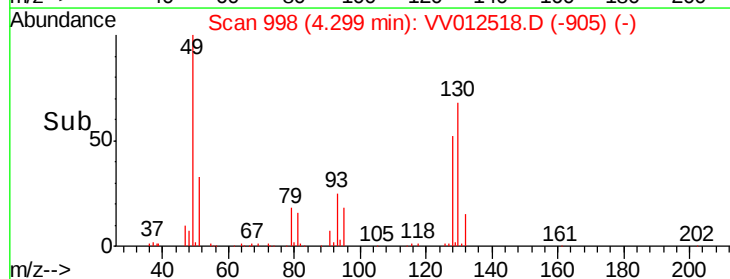
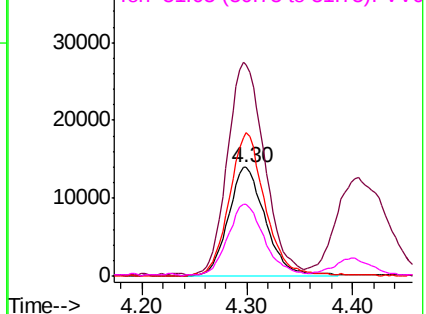


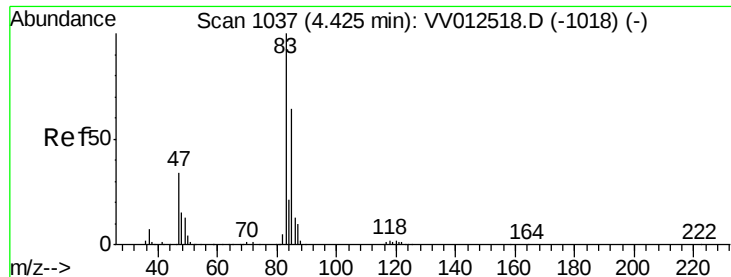
Abundance Ion 127.90 (127.60 to 128.60): VV012518.D (-981) (-)

Ion 49.10 (48.80 to 49.80): VV012518.D (-981) (-)

Ion 129.95 (129.65 to 130.65): VV012518.D (-981) (-)

Ion 51.05 (50.75 to 51.75): VV012518.D (-981) (-)

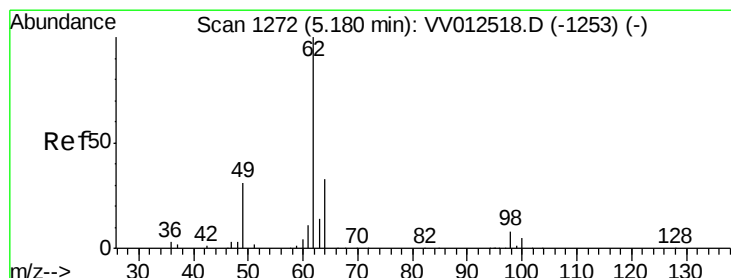
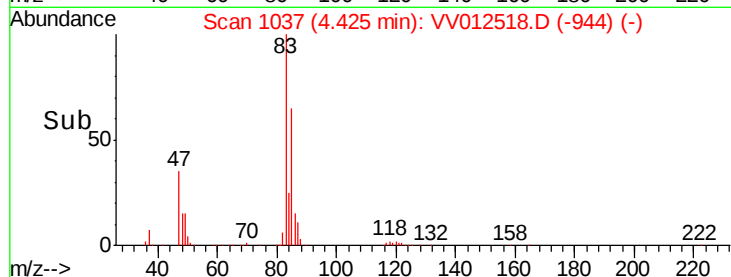
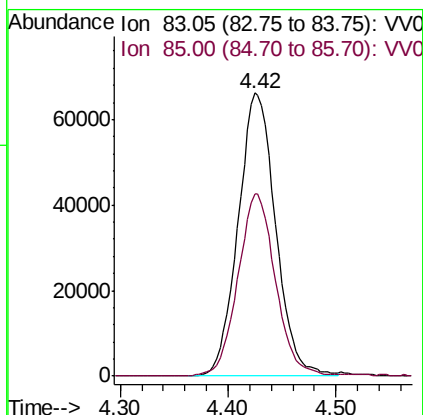
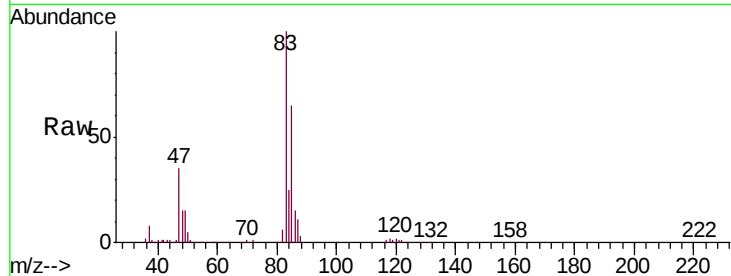




#25
Chloroform
Concen: 4.998 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

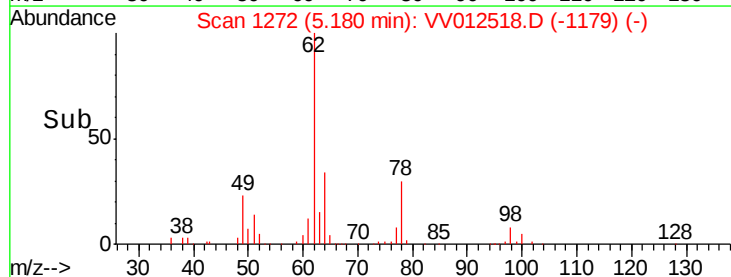
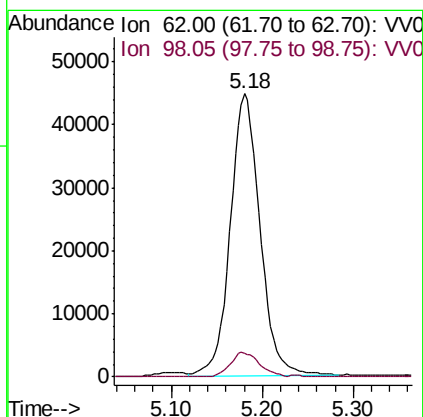
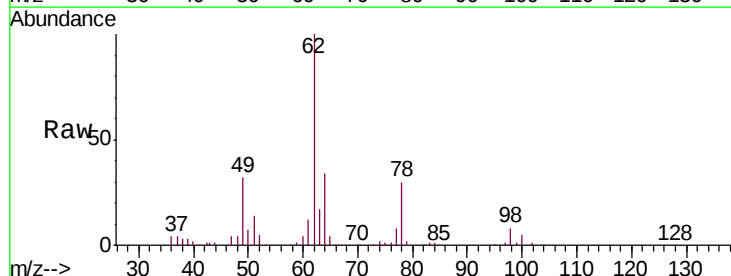
Instrument :
MSVOA_V
ClientSampleId :
VSTD00532

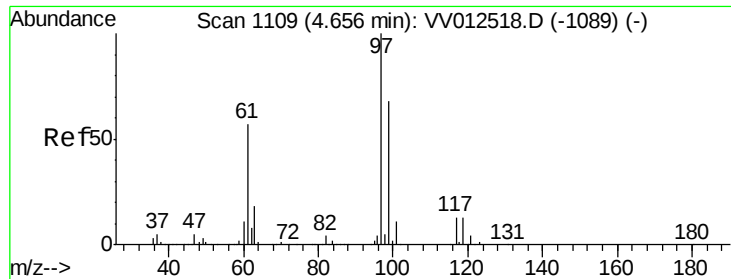
Tgt Ion: 83 Resp: 160307
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.9



#27
1,2-Dichloroethane
Concen: 5.547 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

Tgt Ion: 62 Resp: 101376
Ion Ratio Lower Upper
62 100
98 8.4 6.7 10.1

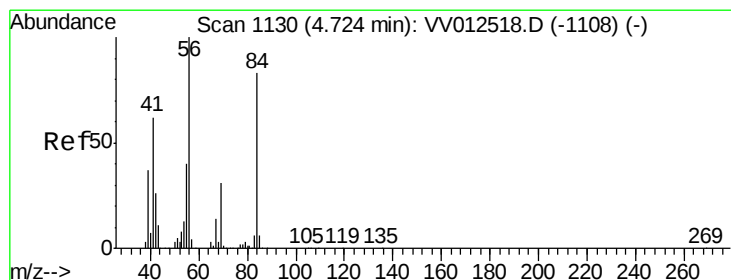
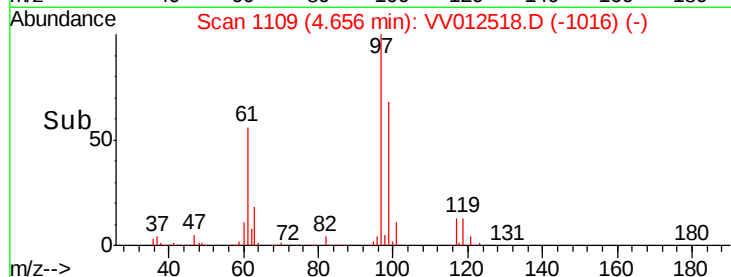
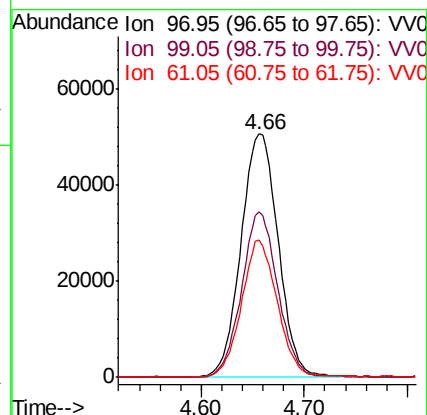
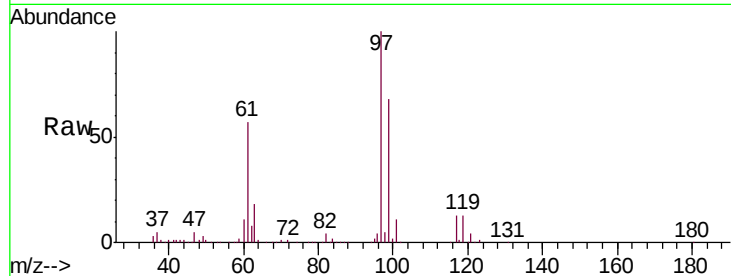




#29
 1,1,1-Trichloroethane
 Concen: 5.047 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

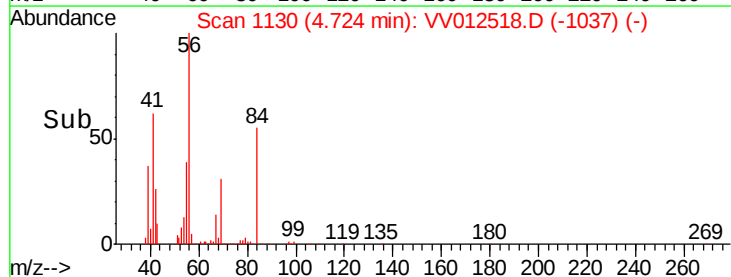
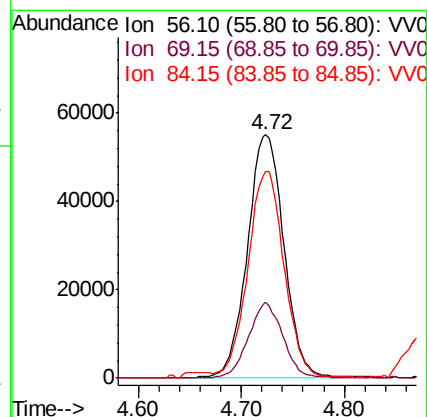
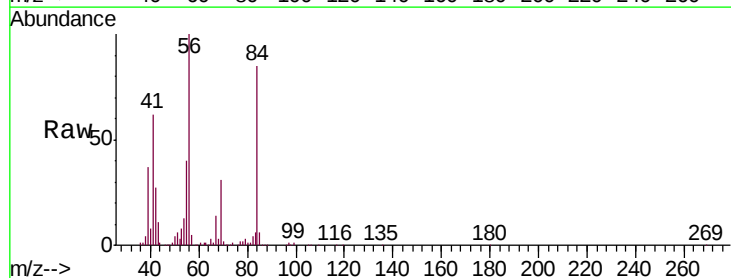
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

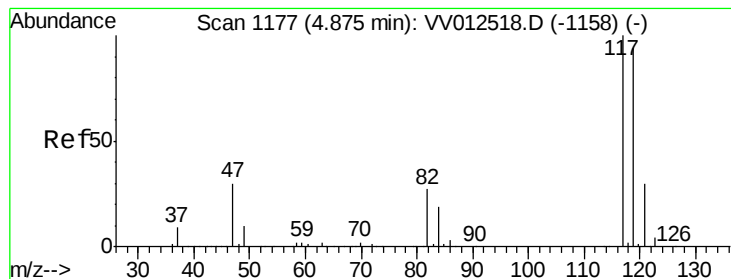
Tgt Ion: 97 Resp: 127624
 Ion Ratio Lower Upper
 97 100
 99 65.8 52.6 79.0
 61 54.3 43.4 65.2



#30
 Cyclohexane
 Concen: 5.273 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion: 56 Resp: 135768
 Ion Ratio Lower Upper
 56 100
 69 29.4 23.5 35.3
 84 83.9 67.1 100.7





#31

Carbon tetrachloride

Concen: 4.926 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

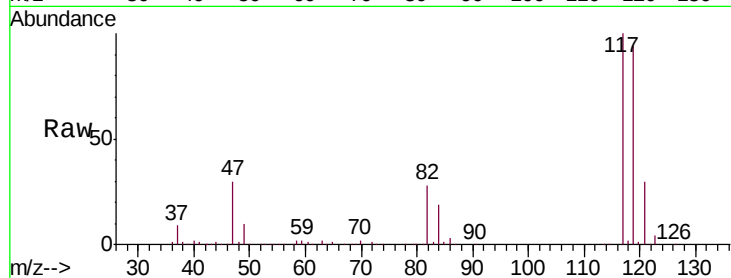
VSTD00532

Tgt Ion:117 Resp: 109535

Ion Ratio Lower Upper

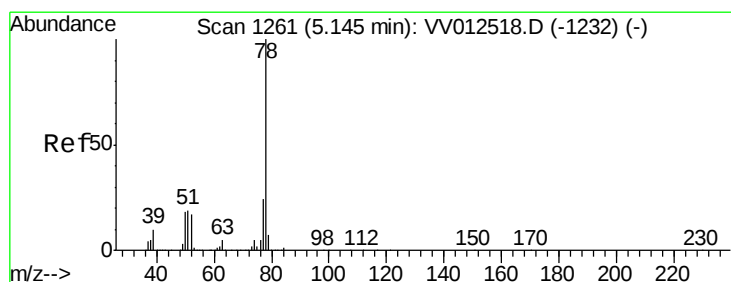
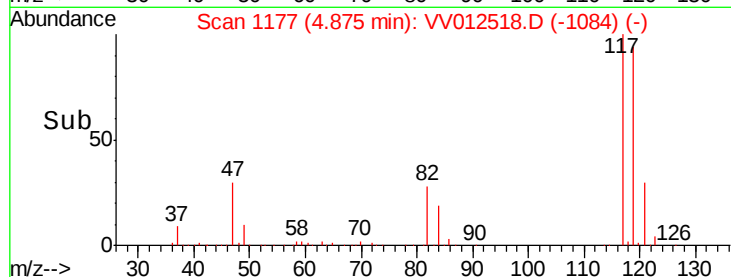
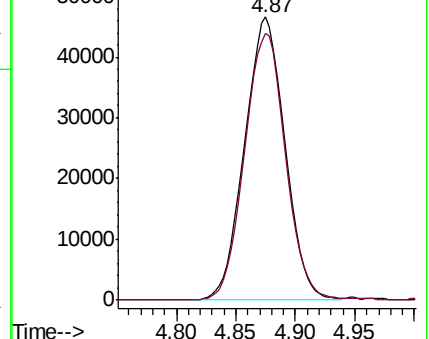
117 100

119 95.6 76.5 114.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.223 ug/L

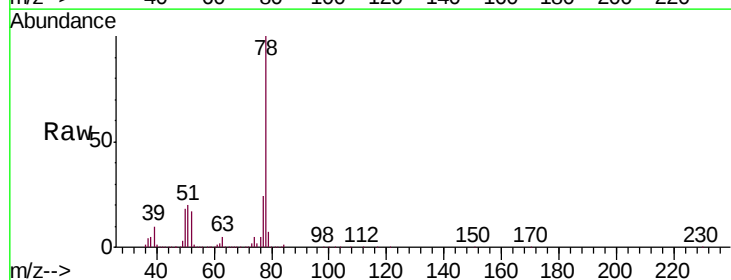
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

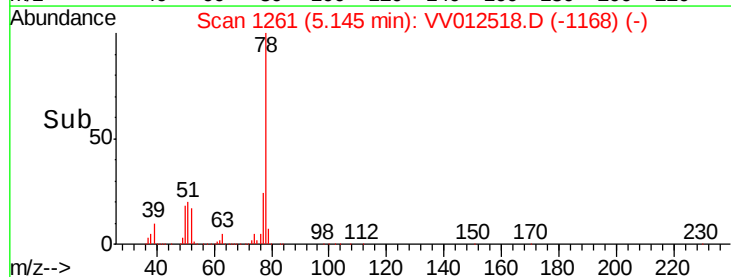
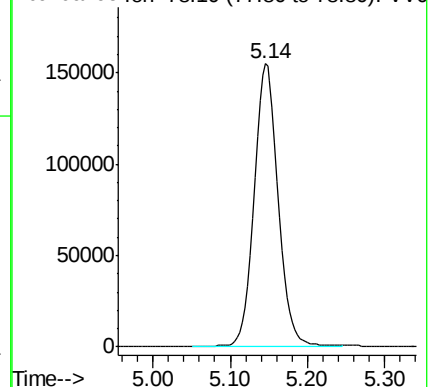
Lab File: VV012518.D

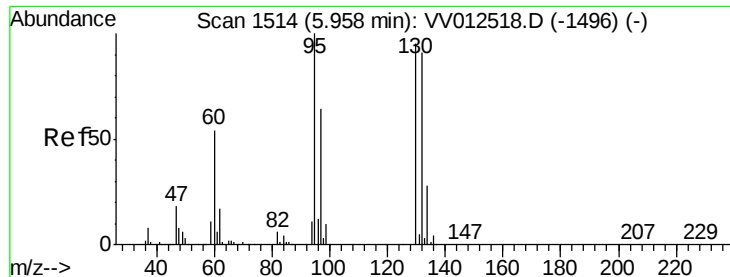
Acq: 02 Sep 2019 10:13

Tgt Ion: 78 Resp: 339574



Abundance Ion 78.10 (77.80 to 78.80): VV0

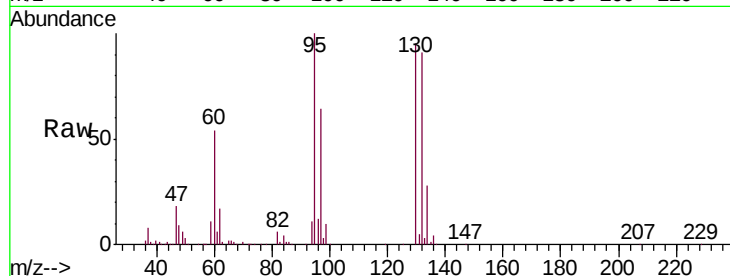




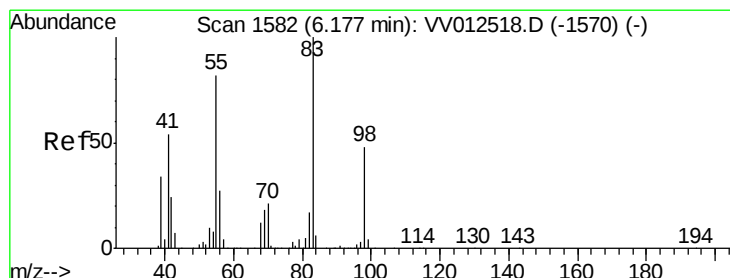
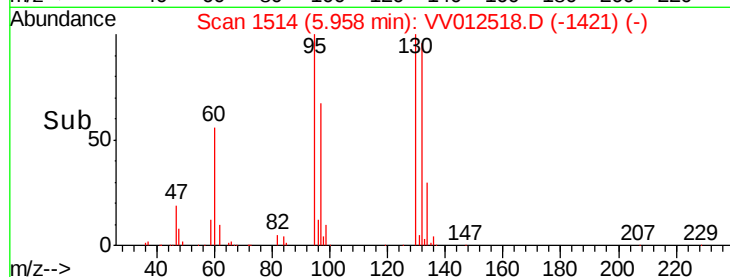
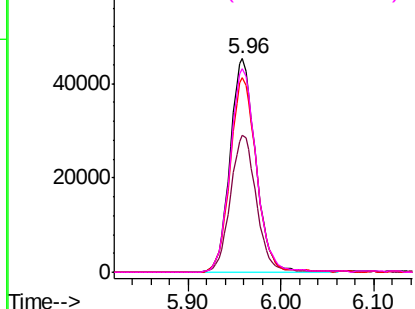
#34
 Trichloroethene
 Concen: 5.228 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

Tgt Ion: 95 Resp: 87003
 Ion Ratio Lower Upper
 95 100
 97 63.9 44.7 83.1
 132 91.1 63.8 118.4
 130 95.1 66.6 123.6

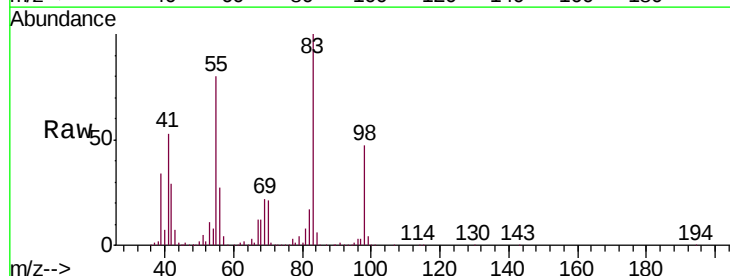


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

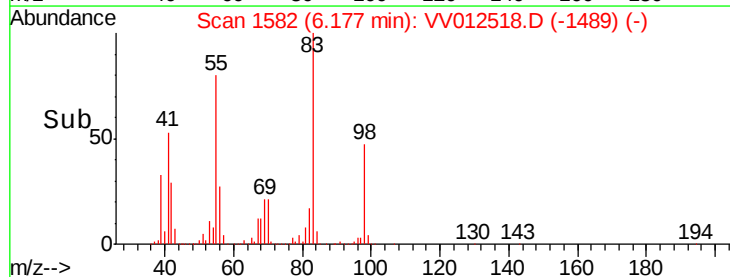
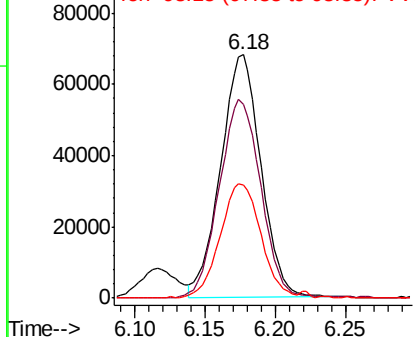


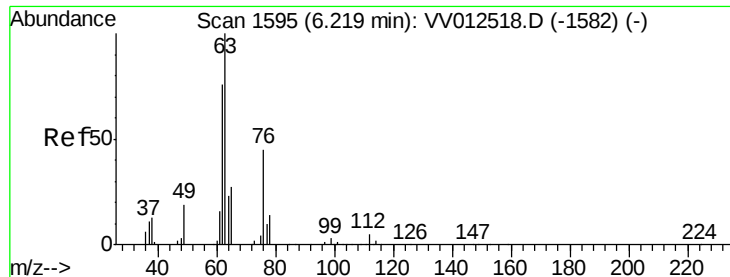
#35
 Methylcyclohexane
 Concen: 5.354 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion: 83 Resp: 135527
 Ion Ratio Lower Upper
 83 100
 55 84.1 67.3 100.9
 98 46.8 37.4 56.2



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

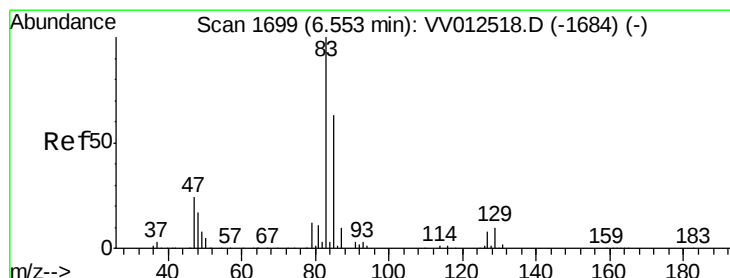
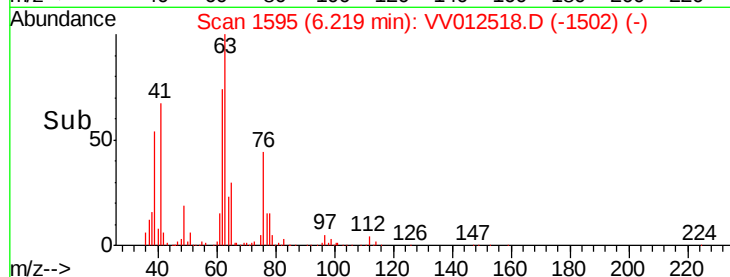
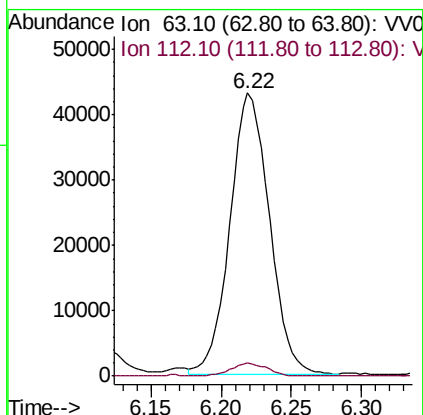
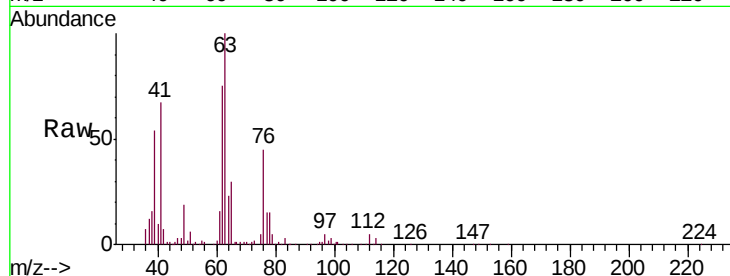




#37
 1,2-Dichloropropane
 Concen: 5.002 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

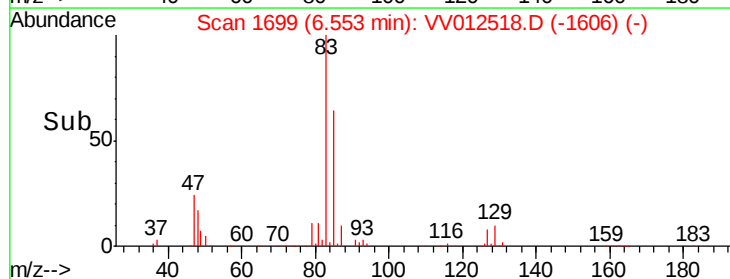
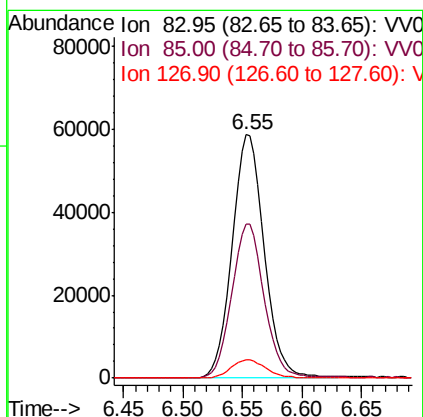
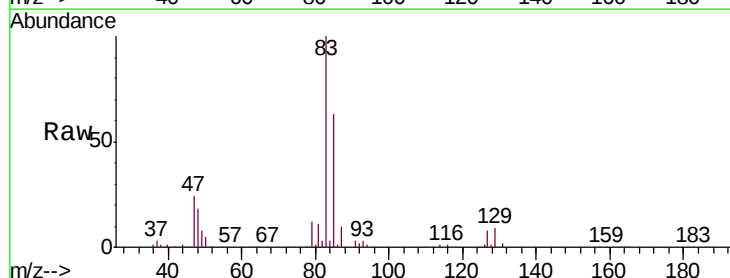
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

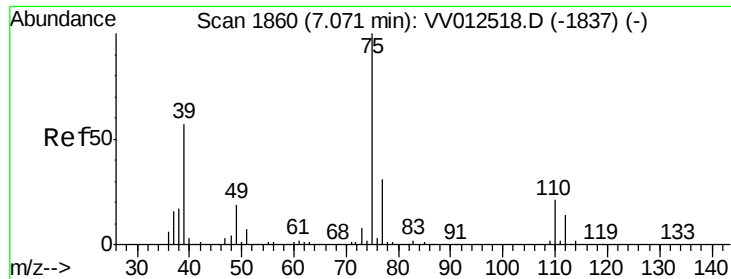
Tgt Ion: 63 Resp: 84187
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.5 5.3



#38
 Bromodichloromethane
 Concen: 5.156 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion: 83 Resp: 109061
 Ion Ratio Lower Upper
 83 100
 85 63.1 44.2 82.0
 127 7.7 6.2 9.2

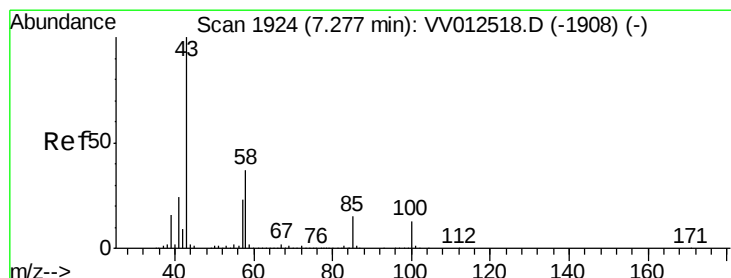
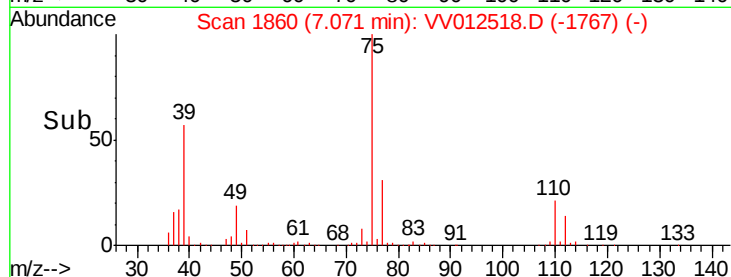
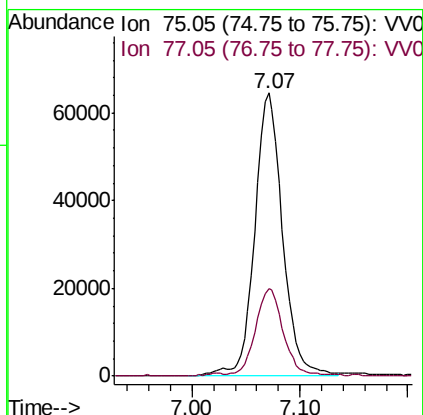
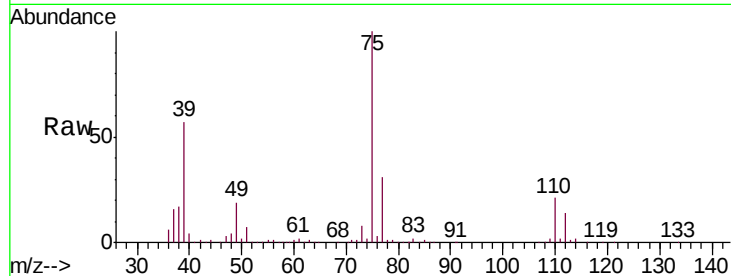




#39
 cis-1,3-Dichloropropene
 Concen: 5.272 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

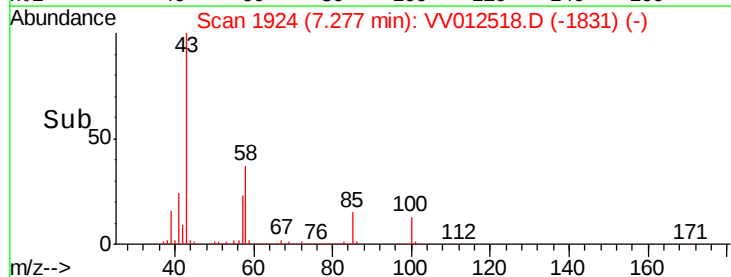
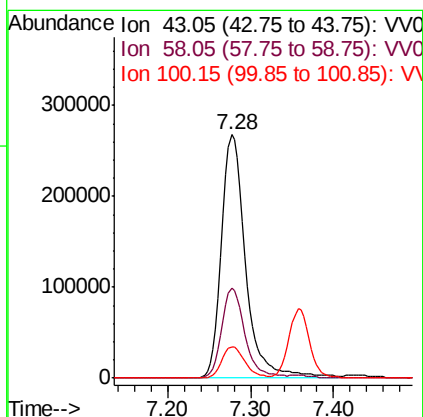
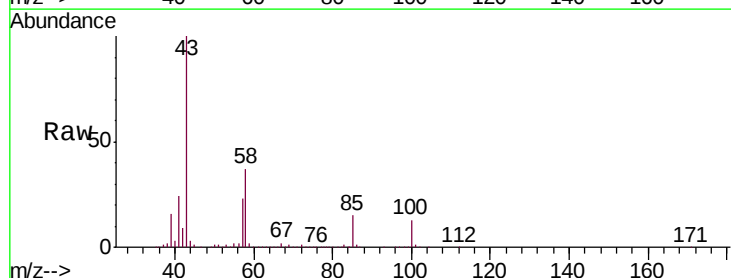
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

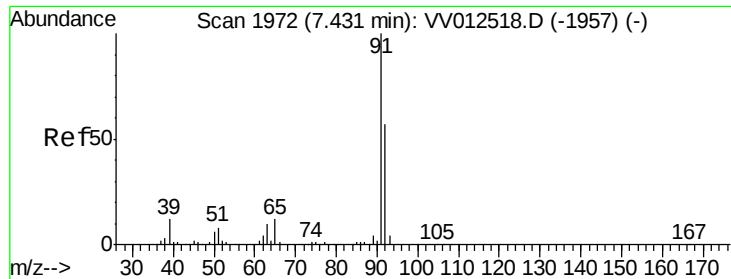
Tgt Ion: 75 Resp: 115703
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 55.912 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion: 43 Resp: 542631
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2
 100 12.4 9.9 14.9





#42

Toluene

Concen: 5.455 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

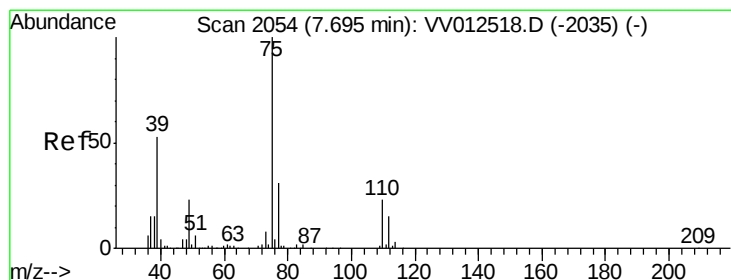
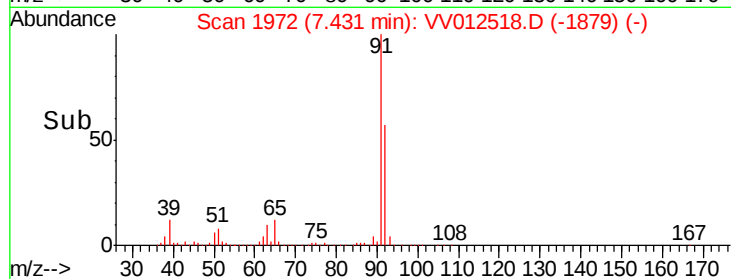
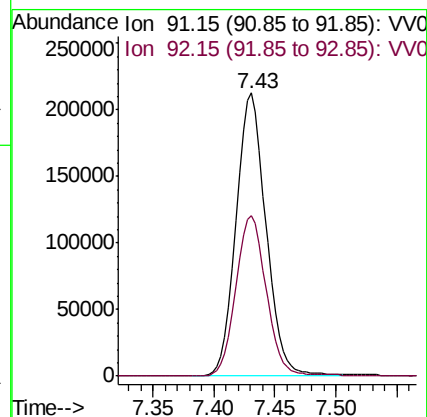
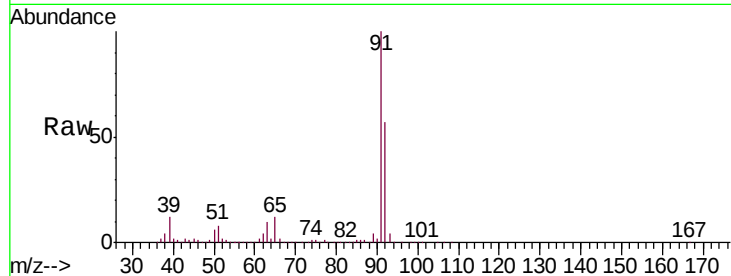
VSTD00532

Tgt Ion: 91 Resp: 364096

Ion Ratio Lower Upper

91 100

92 56.6 39.6 73.6



#44

trans-1,3-Dichloropropene

Concen: 5.307 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV012518.D

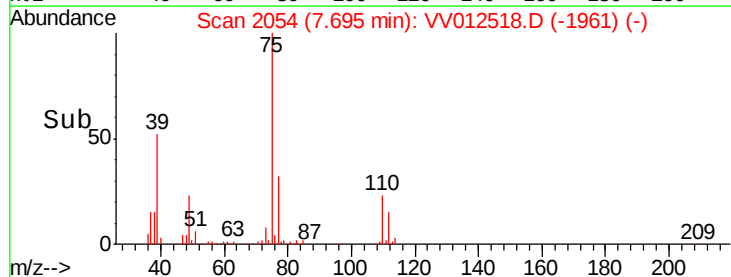
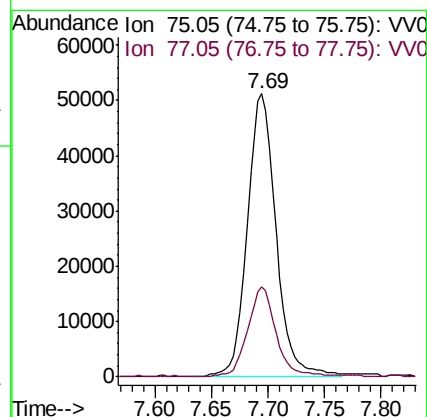
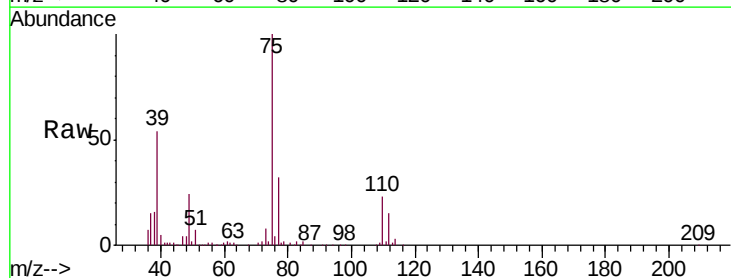
Acq: 02 Sep 2019 10:13

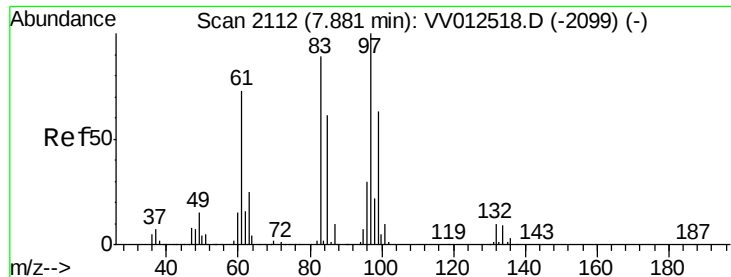
Tgt Ion: 75 Resp: 90872

Ion Ratio Lower Upper

75 100

77 31.7 22.2 41.2

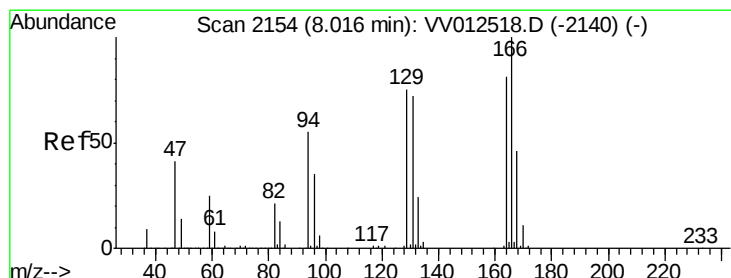
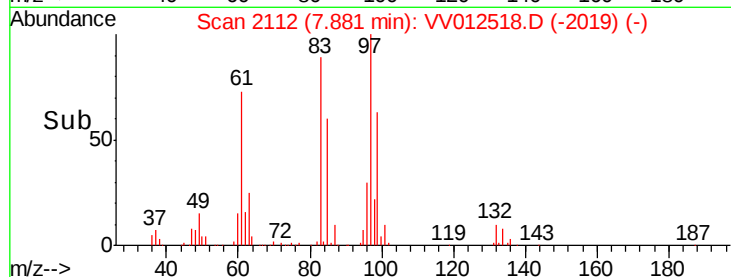
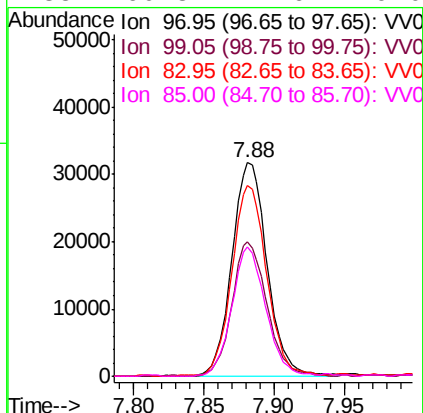
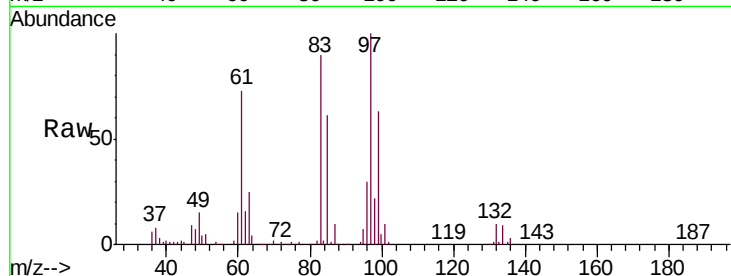




#45
 1,1,2-Trichloroethane
 Concen: 4.953 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

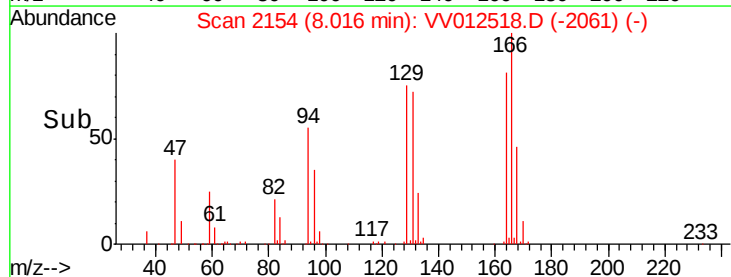
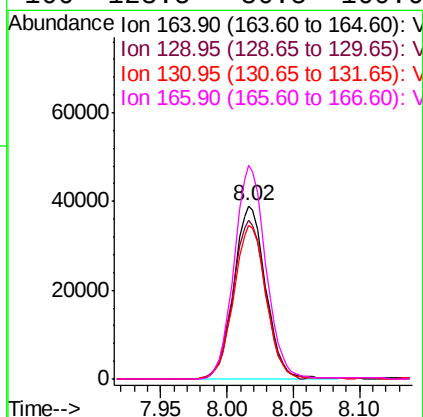
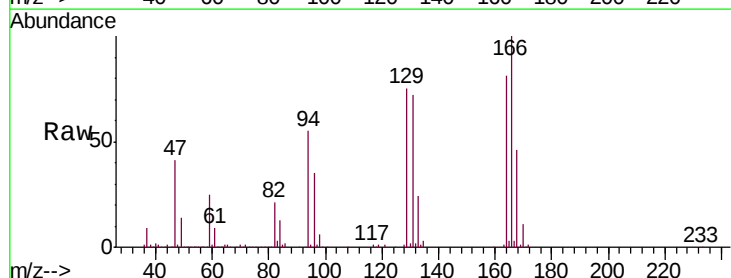
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

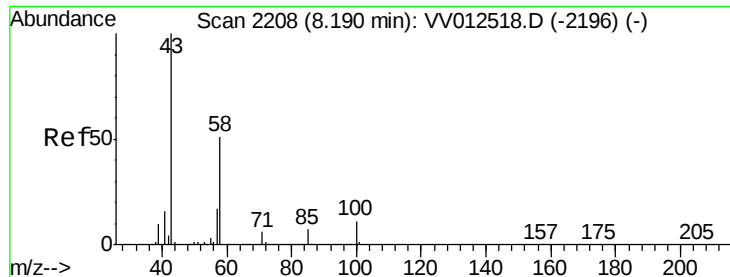
Tgt Ion:	97	Resp:	55650
Ion	Ratio	Lower	Upper
97	100		
99	63.0	44.1	81.9
83	89.6	62.7	116.5
85	60.8	42.6	79.0



#47
 Tetrachloroethene
 Concen: 4.943 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion:	164	Resp:	64840
Ion	Ratio	Lower	Upper
164	100		
129	92.2	64.5	119.9
131	89.0	62.3	115.7
166	123.5	86.5	160.6

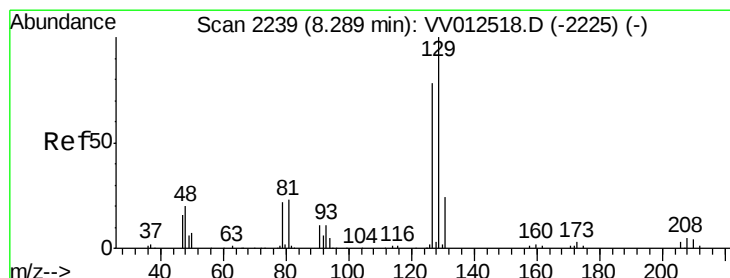
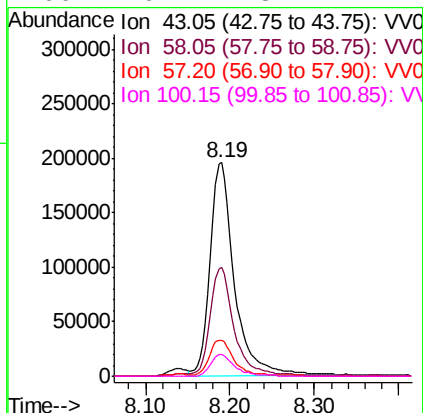
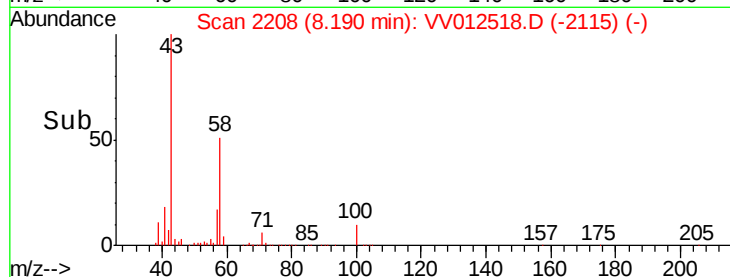
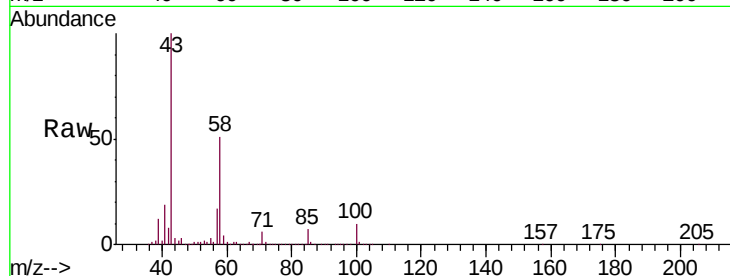




#48
2-Hexanone
Concen: 58.529 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

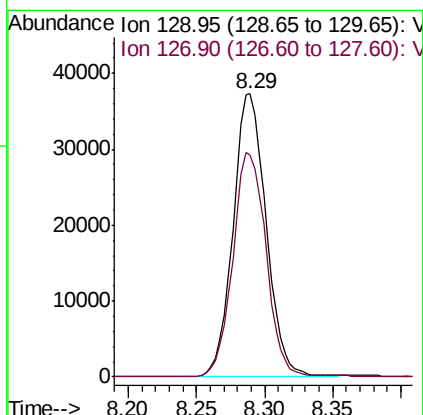
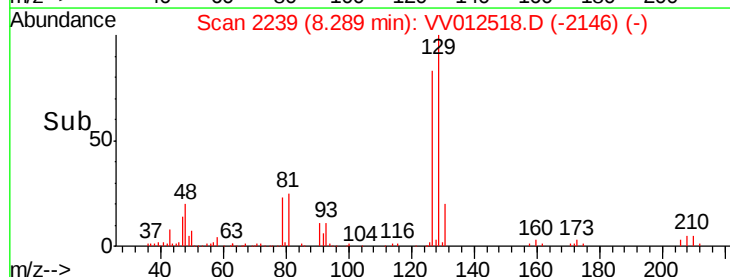
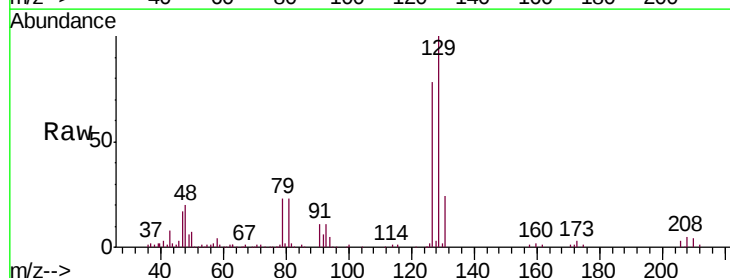
Instrument :
MSVOA_V
ClientSampleId :
VSTD00532

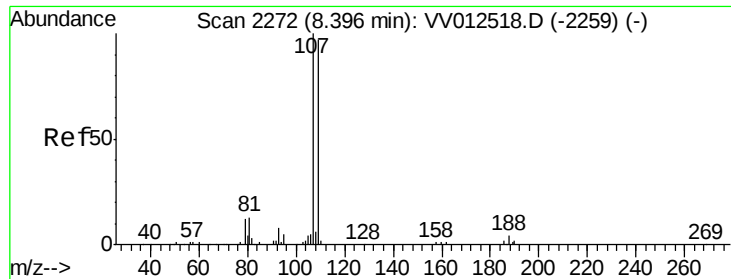
Tgt Ion:	43	Resp:	387207
Ion	Ratio	Lower	Upper
43	100		
58	50.0	40.0	60.0
57	16.8	13.4	20.2
100	10.2	8.2	12.2



#49
Dibromochloromethane
Concen: 4.921 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

Tgt Ion:	129	Resp:	62818
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.9	102.1

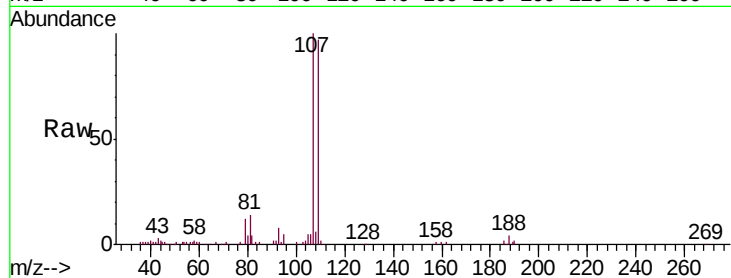




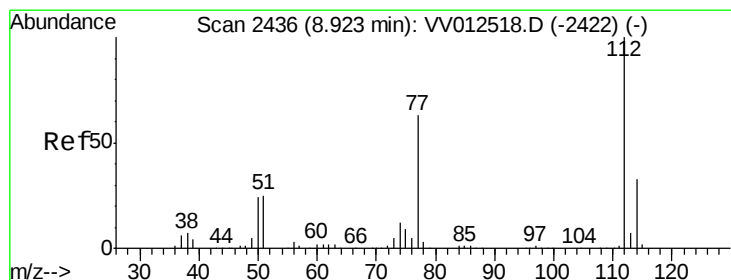
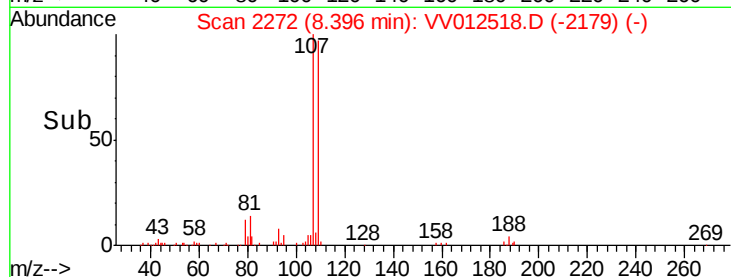
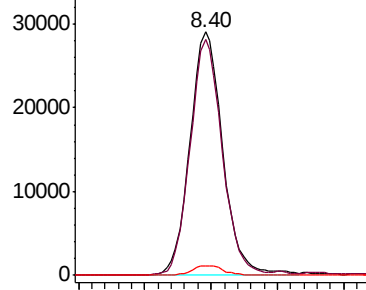
#50
1,2-Dibromoethane
Concen: 5.074 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD00532

Tgt Ion:107 Resp: 50124
Ion Ratio Lower Upper
107 100
109 96.8 67.8 125.8
188 4.0 3.2 4.8

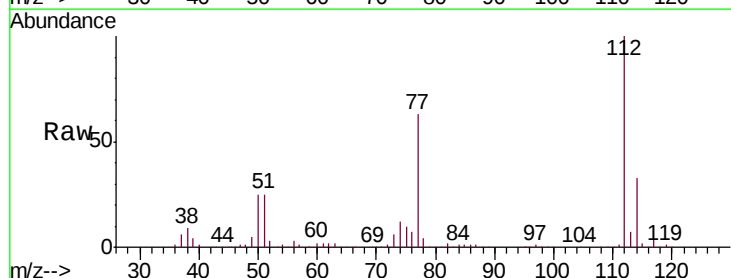


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

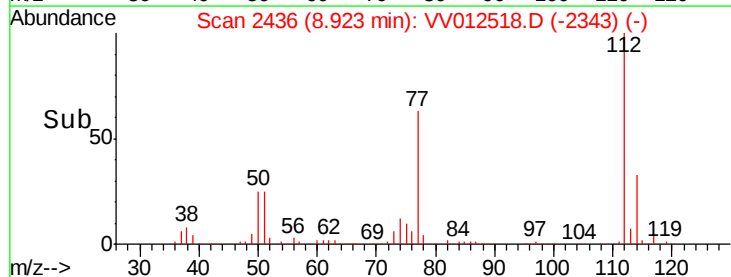
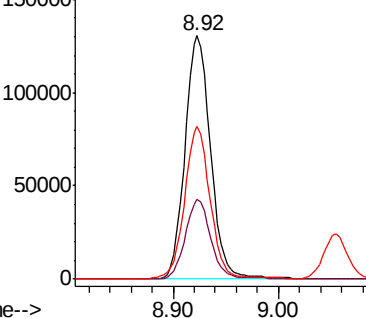


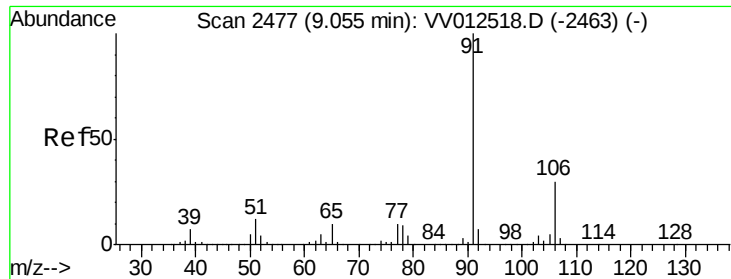
#51
Chlorobenzene
Concen: 5.189 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

Tgt Ion:112 Resp: 219215
Ion Ratio Lower Upper
112 100
114 32.8 23.0 42.6
77 63.0 50.4 75.6



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.554 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

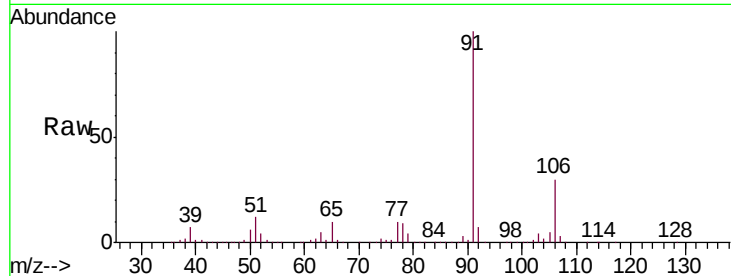
VSTD00532

Tgt Ion: 91 Resp: 394416

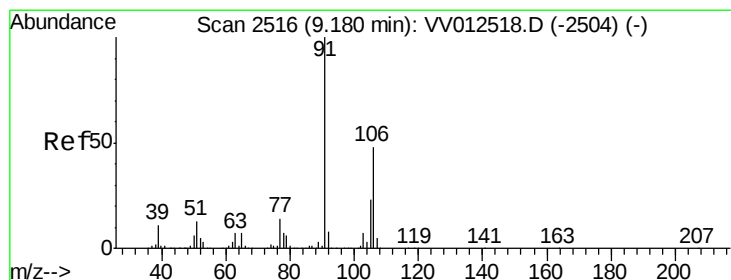
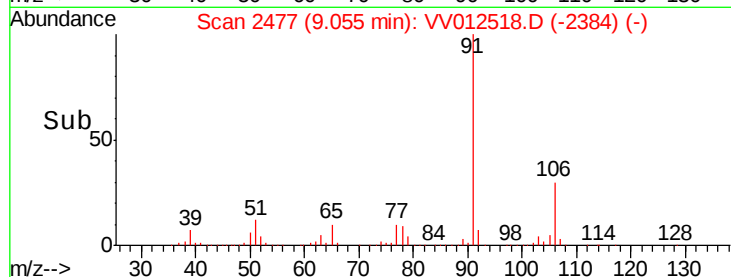
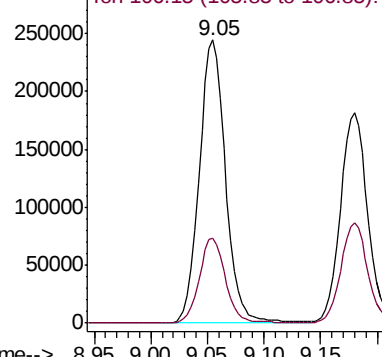
Ion Ratio Lower Upper

91 100

106 30.2 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VV012518.D (-2463) (-)



#53

m,p-xylene

Concen: 5.558 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012518.D

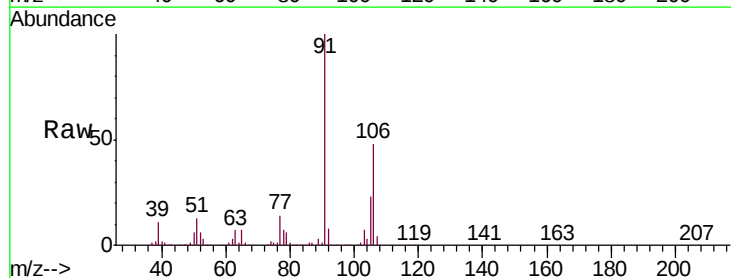
Acq: 02 Sep 2019 10:13

Tgt Ion: 106 Resp: 143024

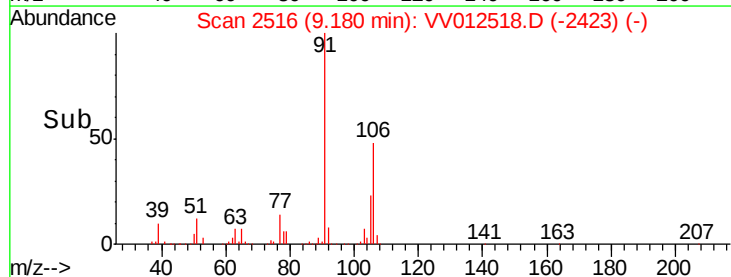
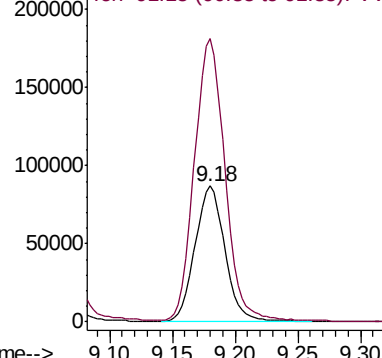
Ion Ratio Lower Upper

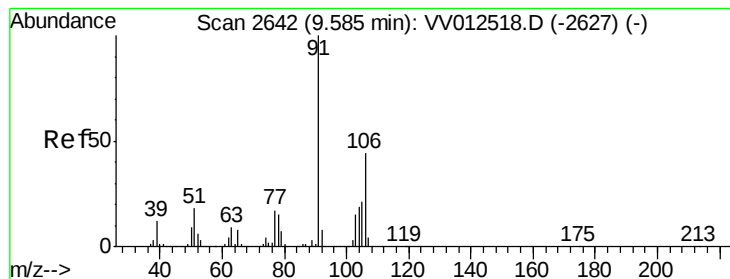
106 100

91 208.3 145.8 270.8



Abundance Ion 106.15 (105.85 to 106.85): VV012518.D (-2504) (-)





#54

o-xylene

Concen: 5.418 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

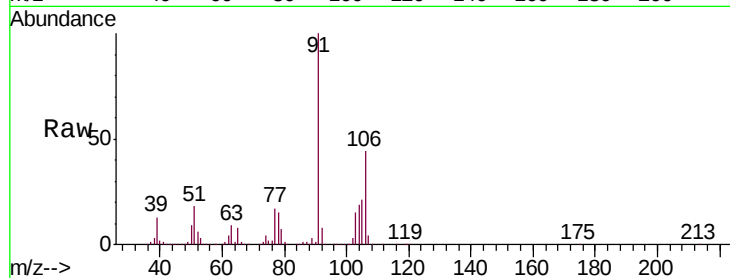
VSTD00532

Tgt Ion:106 Resp: 136627

Ion Ratio Lower Upper

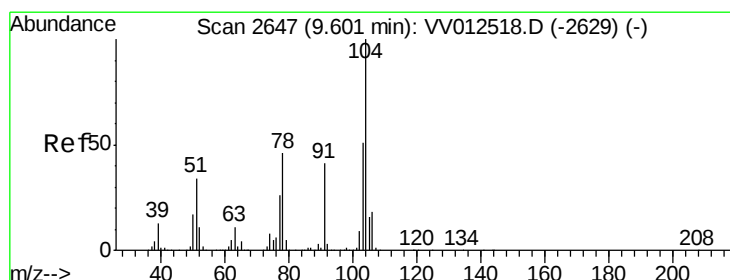
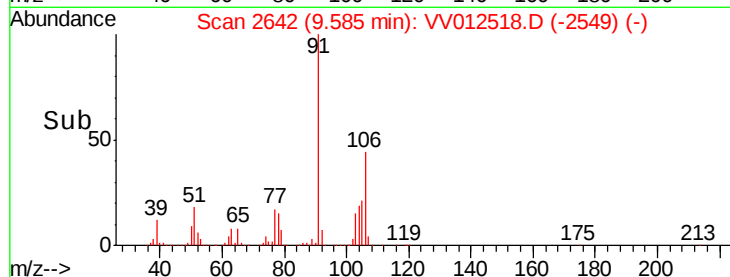
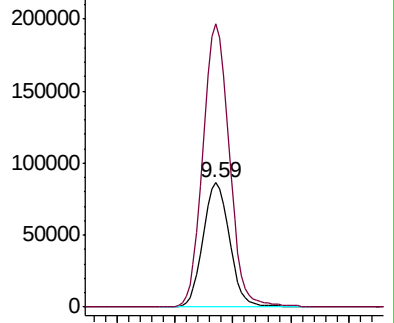
106 100

91 227.9 159.5 296.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.631 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV012518.D

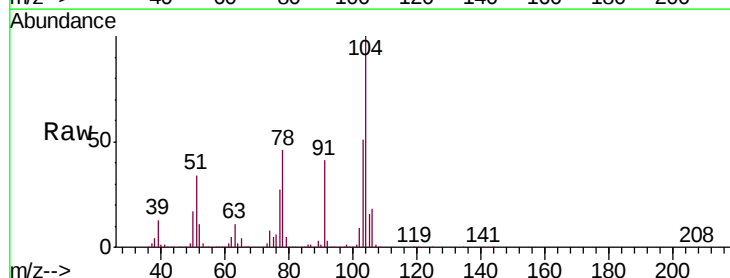
Acq: 02 Sep 2019 10:13

Tgt Ion:104 Resp: 237318

Ion Ratio Lower Upper

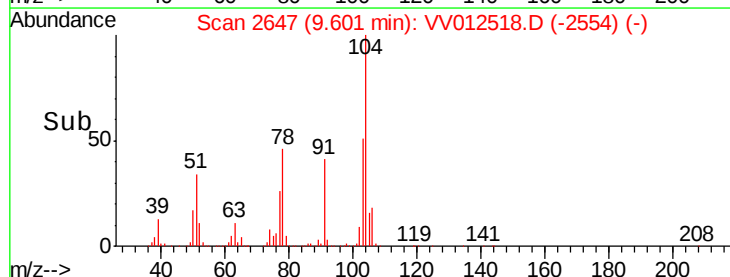
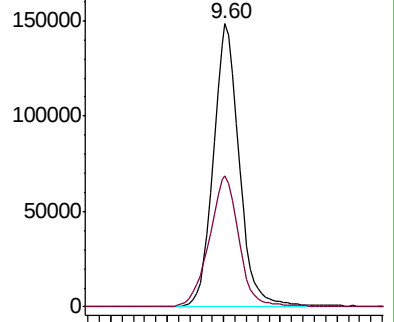
104 100

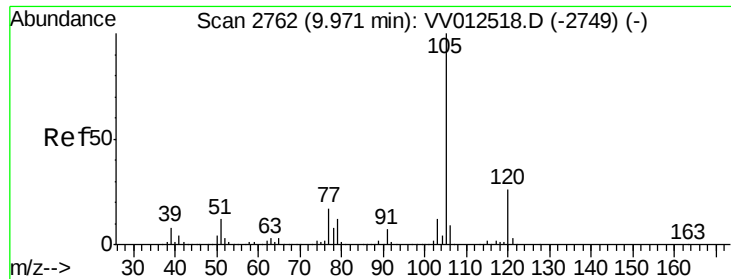
78 46.2 32.3 60.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

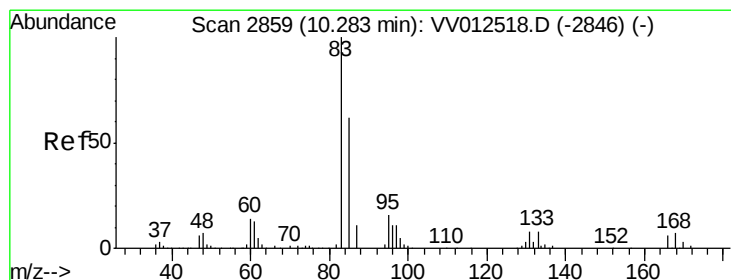
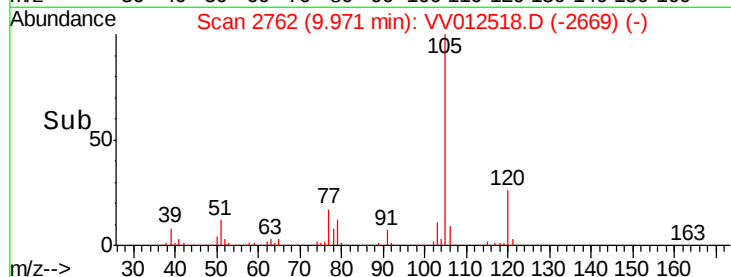
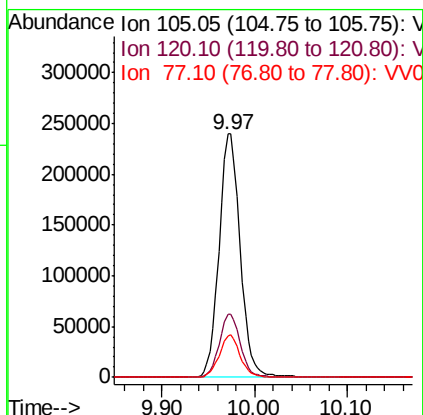
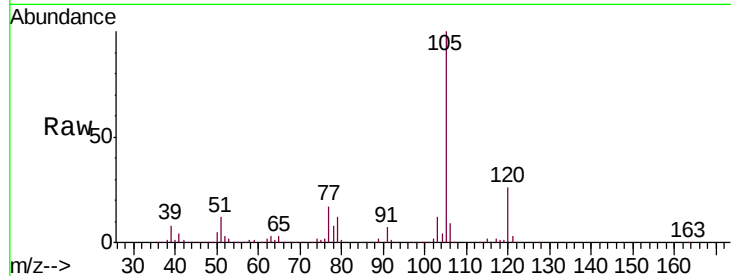




#56
Isopropylbenzene
Concen: 5.675 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

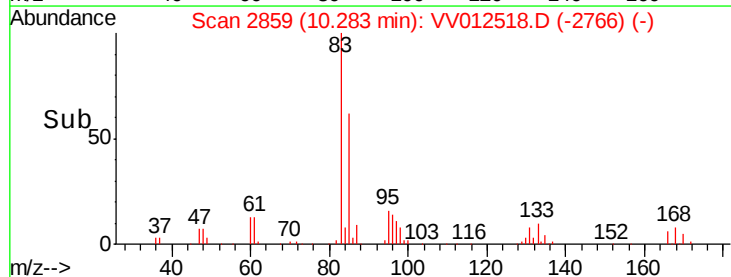
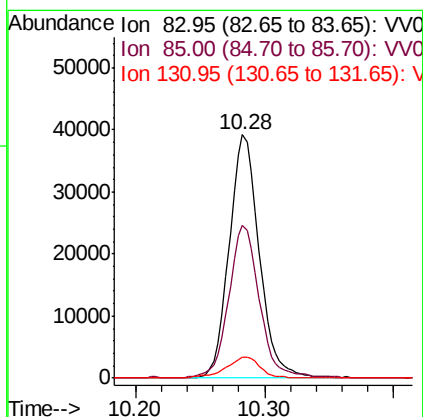
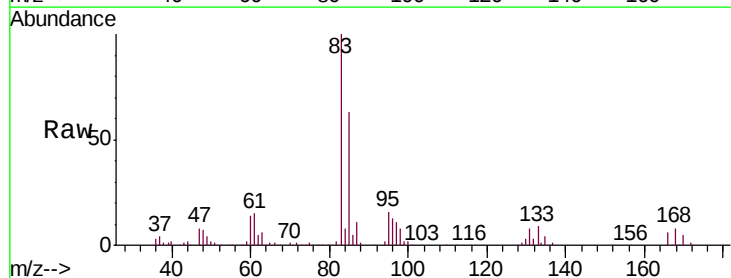
Instrument :
MSVOA_V
ClientSampleId :
VSTD00532

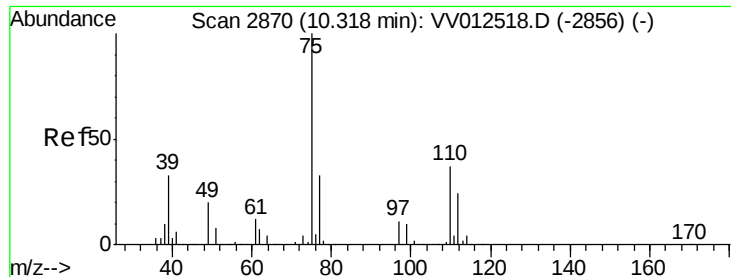
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	20.9	31.3
77	16.9	13.5	20.3



#58
1,1,2,2-Tetrachloroethane
Concen: 4.863 ug/L
RT: 10.28 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VV012518.D
Acq: 02 Sep 2019 10:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	43.8	81.4
131	8.3	6.6	10.0





#59

1,2,3-Trichloropropane

Concen: 5.072 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampleId :

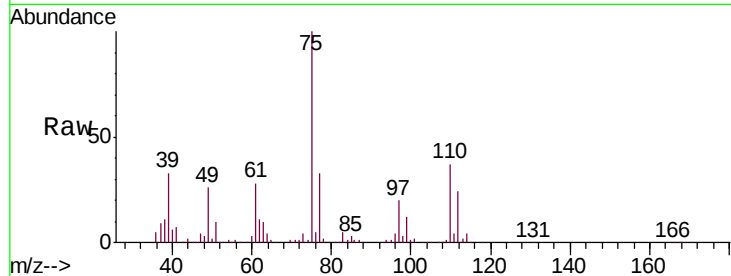
VSTD00532

Tgt Ion: 75 Resp: 47835

Ion Ratio Lower Upper

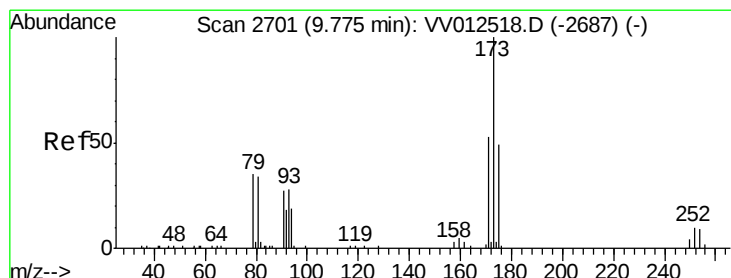
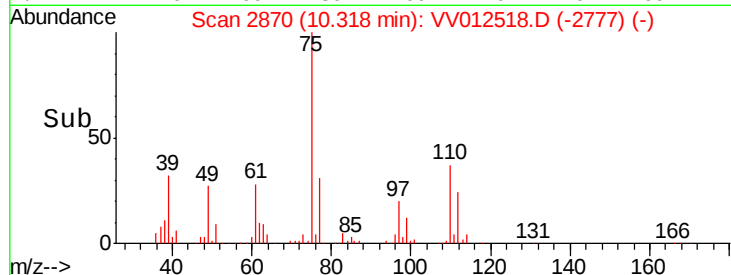
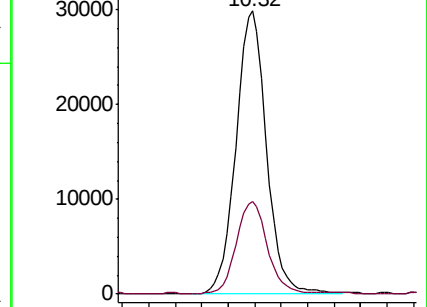
75 100

77 33.4 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VV012518.D (-2856) (-)

Ion 77.00 (76.70 to 77.70): VV012518.D (-2856) (-)



#61

Bromoform

Concen: 4.405 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

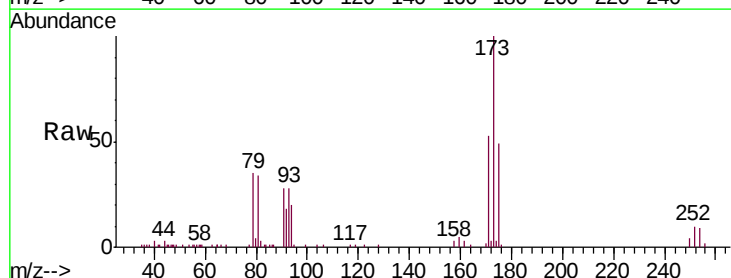
Tgt Ion: 173 Resp: 30816

Ion Ratio Lower Upper

173 100

175 48.9 39.1 58.7

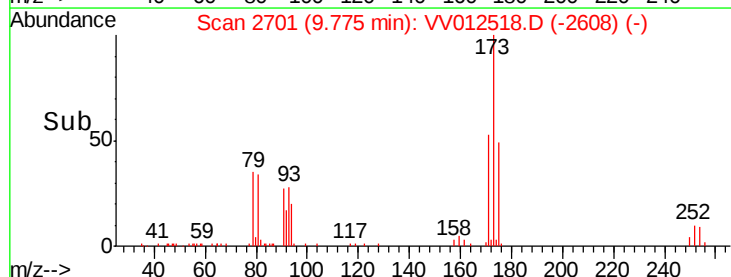
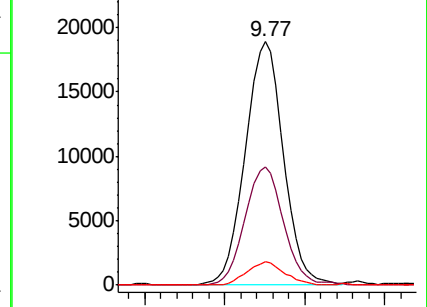
254 9.3 7.4 11.2

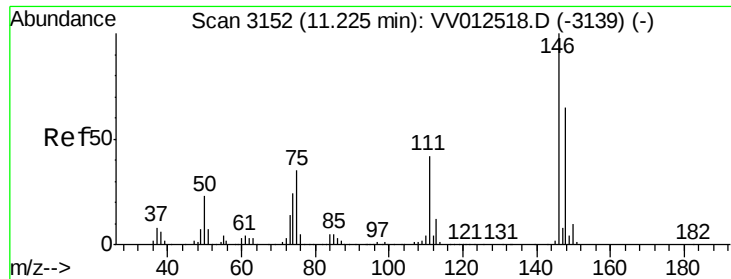


Abundance Ion 172.90 (172.60 to 173.60): VV012518.D (-2687) (-)

Ion 174.90 (174.60 to 175.60): VV012518.D (-2687) (-)

Ion 253.75 (253.45 to 254.45): VV012518.D (-2687) (-)

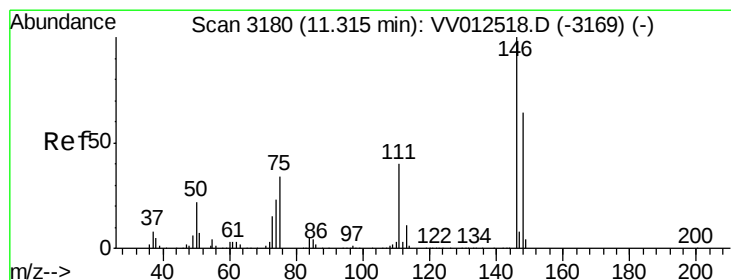
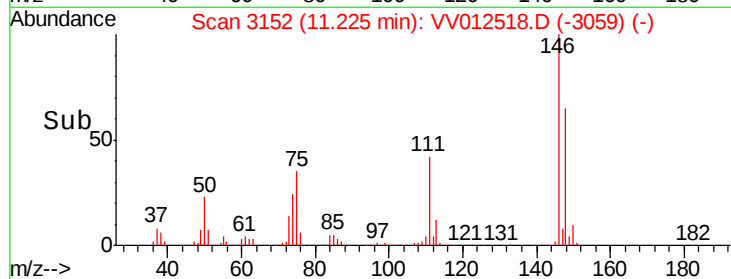
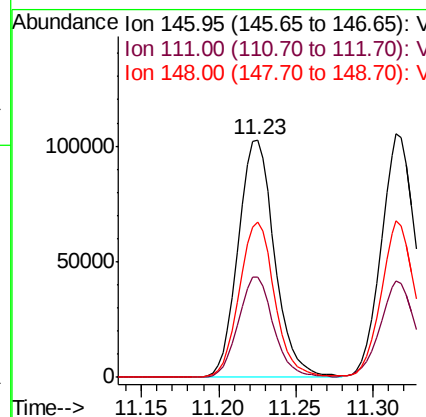
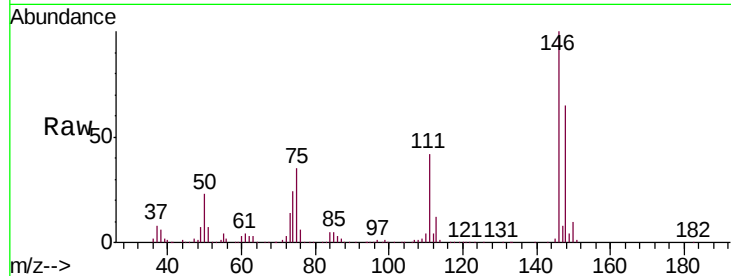




#62
 1,3-Dichlorobenzene
 Concen: 5.190 ug/L
 RT: 11.23 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

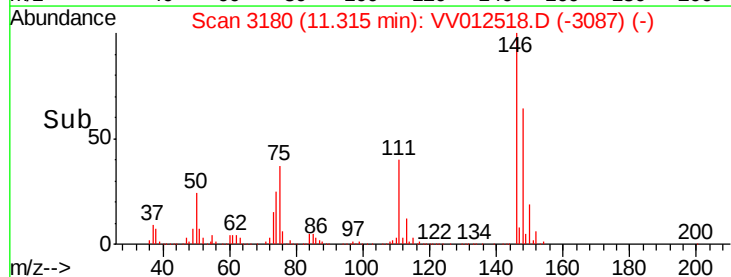
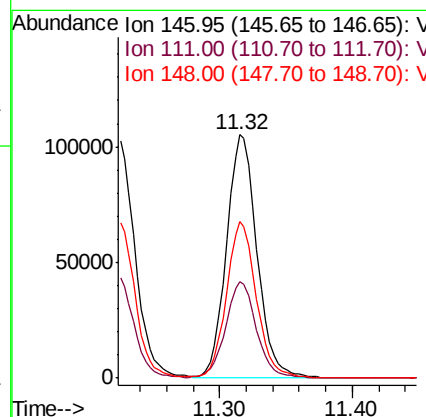
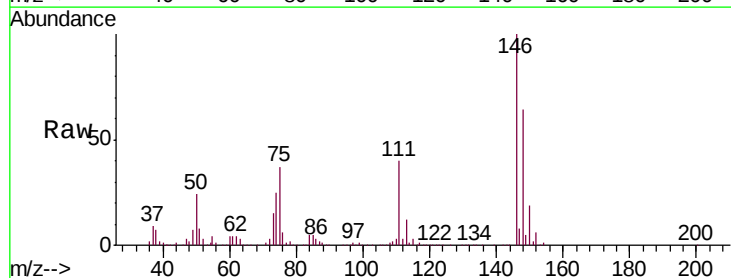
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

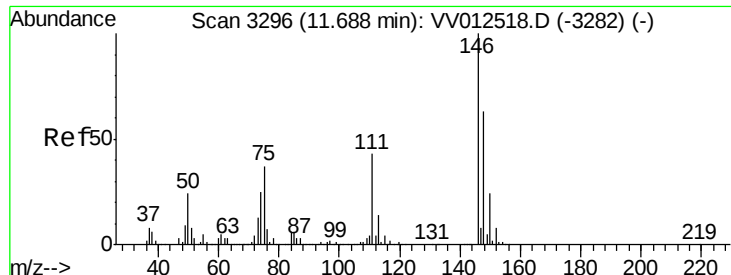
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	29.7	55.1
148	65.3	45.7	84.9



#63
 1,4-Dichlorobenzene
 Concen: 5.160 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	27.9	51.7
148	64.1	44.9	83.3

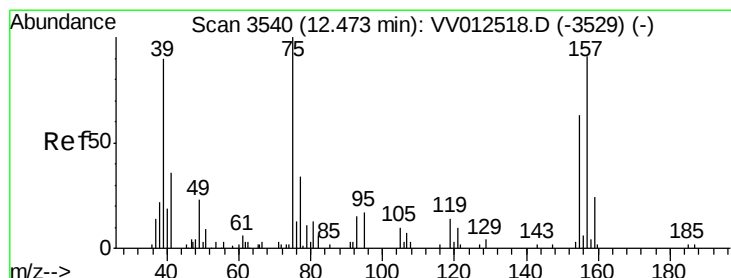
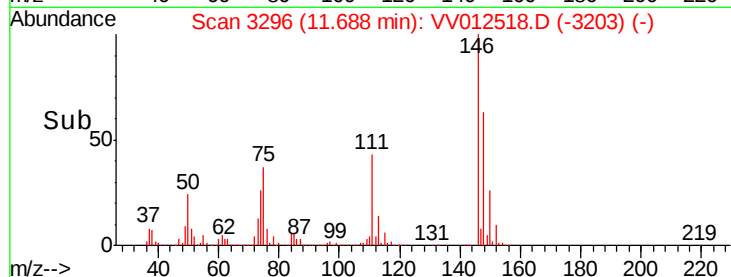
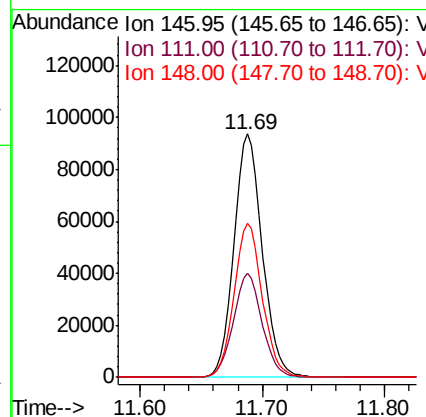
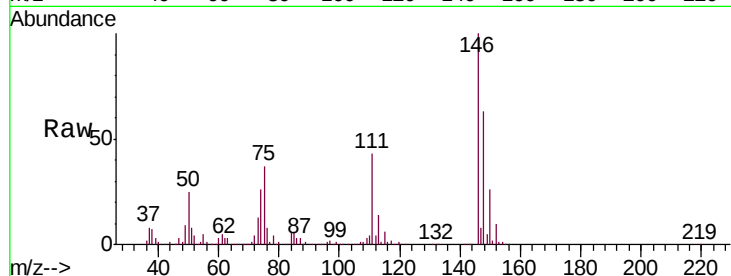




#65
 1,2-Dichlorobenzene
 Concen: 5.005 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

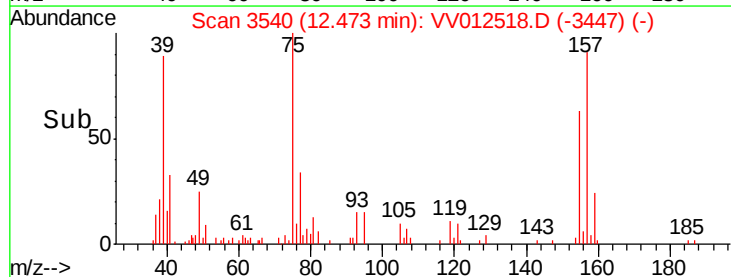
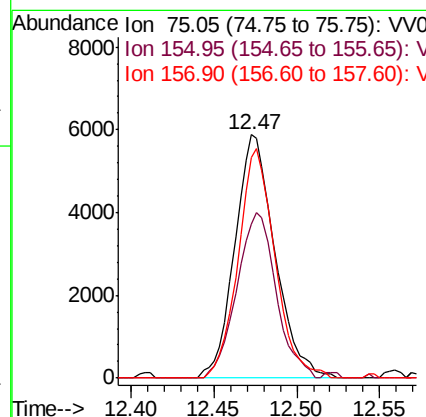
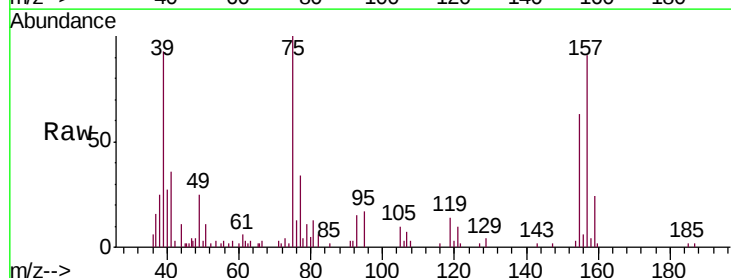
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

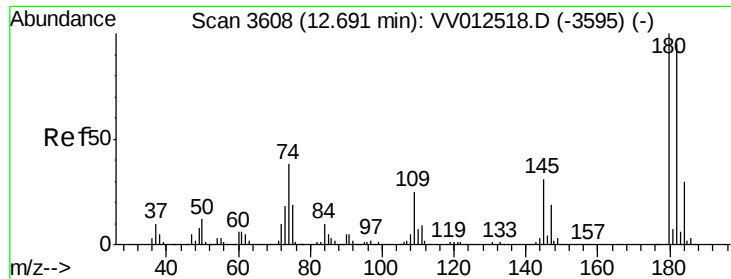
Tgt Ion: 146 Resp: 152021
 Ion Ratio Lower Upper
 146 100
 111 42.7 34.2 51.2
 148 63.5 50.8 76.2



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.825 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion: 75 Resp: 9895
 Ion Ratio Lower Upper
 75 100
 155 63.2 50.6 75.8
 157 90.8 72.6 109.0

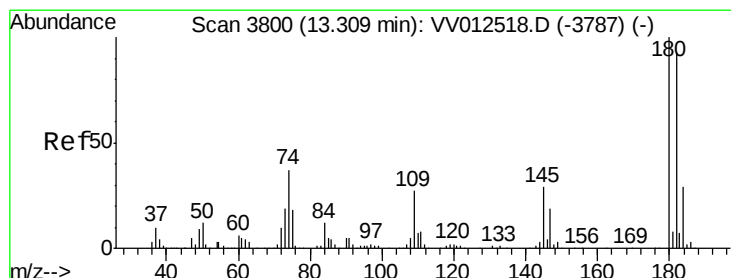
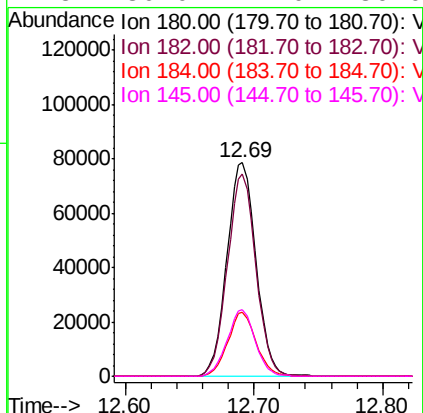
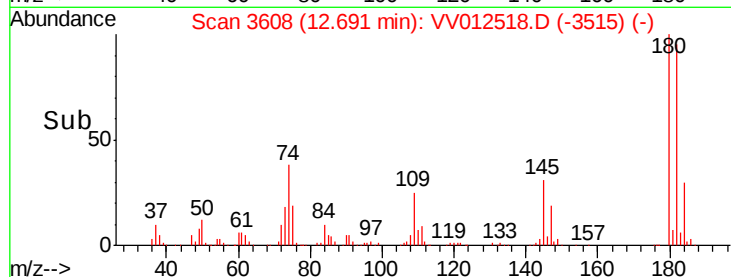
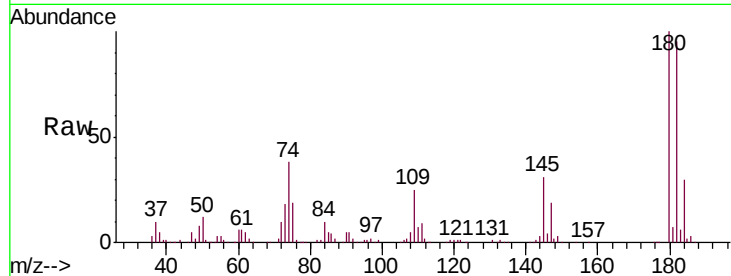




#67
 1,3,5-Trichlorobenzene
 Concen: 5.082 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

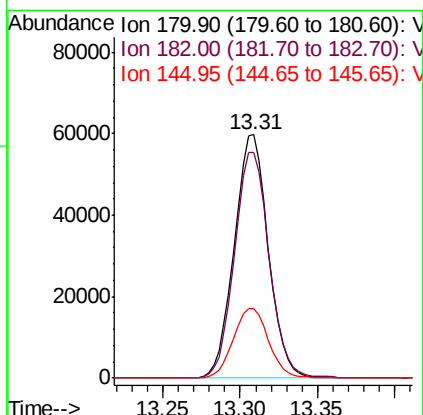
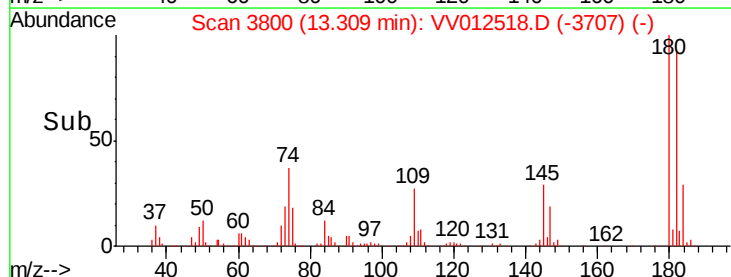
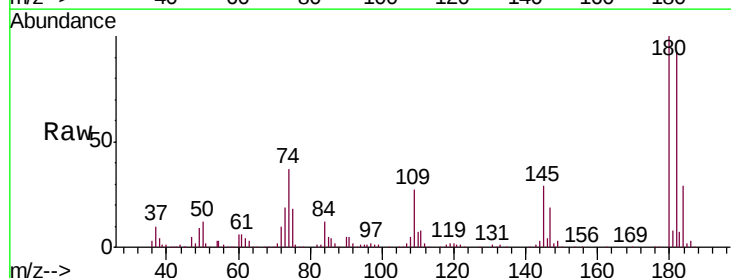
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00532

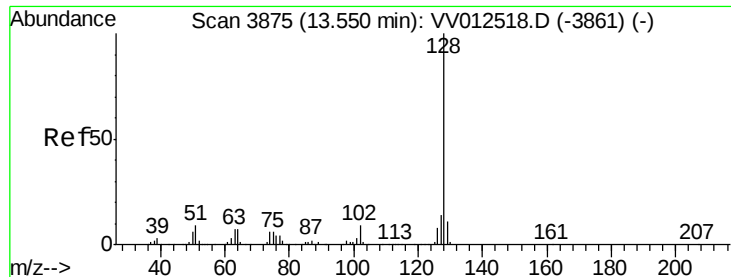
Tgt Ion:	180	Resp:	122400
Ion Ratio	Lower	Upper	
180	100		
182	93.0	74.4	111.6
184	29.2	23.4	35.0
145	30.0	24.0	36.0



#68
 1,2,4-trichlorobenzene
 Concen: 5.165 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012518.D
 Acq: 02 Sep 2019 10:13

Tgt Ion:	180	Resp:	91236
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.8	113.6
145	29.8	23.8	35.8





#69

Naphthalene

Concen: 5.117 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

Instrument :

MSVOA_V

ClientSampled :

VSTD00532

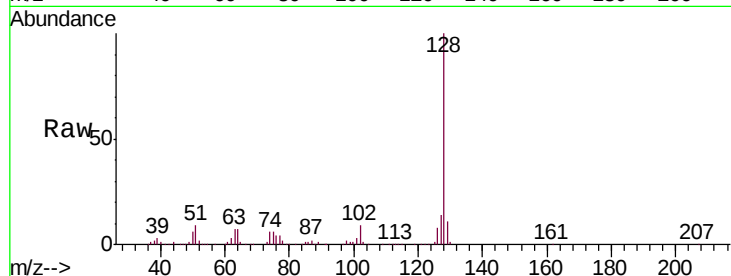
Tgt Ion:128 Resp: 130483

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

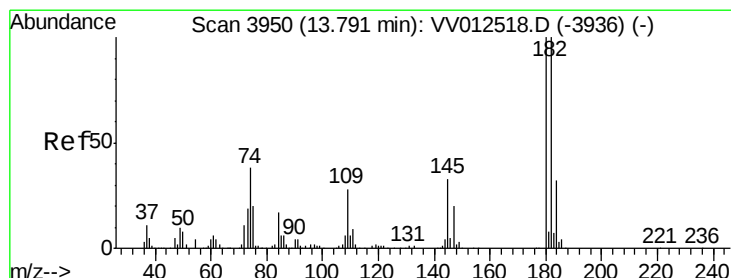
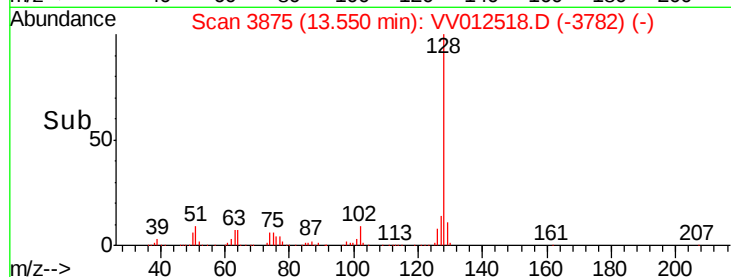
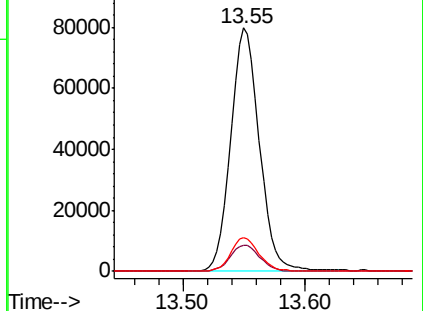
127 13.7 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 4.933 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV012518.D

Acq: 02 Sep 2019 10:13

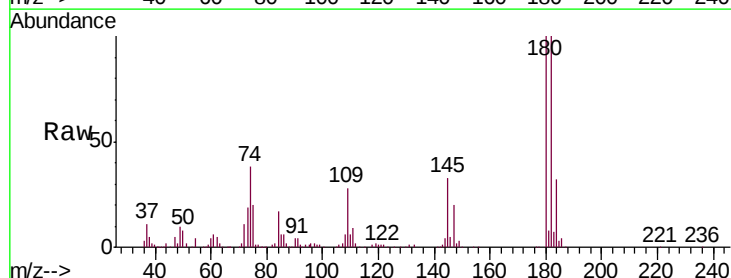
Tgt Ion:180 Resp: 82222

Ion Ratio Lower Upper

180 100

182 99.2 79.4 119.0

145 32.8 26.2 39.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

