

Data File : VV012061.D
Acq On : 29 Jul 2019 13:58
Operator : SY/MD
Sample : VSTDICV005
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV005

Quant Time: Jul 30 08:49:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 30 08:46:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160657	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150650	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	84326	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41493	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.59	69	30715	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	78284	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.97	46	107413	52.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.04%
24) Chloroform-d	4.40	84	92879	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	51746	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	197121	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.12	67	54926	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	190386	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	7.66	79	23954	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.13	63	85270	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	39320	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
66) 1,2-Dichlorobenzene-d4	11.67	152	73438	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	80147	4.377 ug/L	99
3) Chloromethane	1.25	50	48996	4.674 ug/L	99
5) Vinyl chloride	1.32	62	49875	4.651 ug/L	96
6) Bromomethane	1.54	94	30213	4.714 ug/L	99
8) Chloroethane	1.60	64	26869	4.611 ug/L	97
9) Trichlorofluoromethane	1.77	101	86644	4.724 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37984	4.767 ug/L	99
12) 1,1-Dichloroethene	2.14	96	36522	4.948 ug/L	98
13) Acetone	2.23	43	65124	57.305 ug/L	99
14) Carbon disulfide	2.32	76	104760	5.083 ug/L	99
15) Methyl Acetate	2.47	43	11209	4.799 ug/L	94
16) Methylene chloride	2.53	84	35146	4.643 ug/L	98
17) Methyl tert-butyl Ether	2.81	73	117464	5.062 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	54899	5.162 ug/L	95
19) 1,1-Dichloroethane	3.23	63	97094	5.105 ug/L	97
21) 2-Butanone	4.05	43	128723	57.406 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	60579	5.350 ug/L	97

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Instrument :
MSVOA_V
ClientSampleId :
VICV005

Quant Time: Jul 30 08:49:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 30 08:46:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26946	5.425	ug/L	89
25) Chloroform	4.43	83	118301	4.961	ug/L	97
27) 1,2-Dichloroethane	5.18	62	67329	5.116	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	102244	5.490	ug/L	99
30) Cyclohexane	4.72	56	91423	5.739	ug/L	98
31) Carbon tetrachloride	4.87	117	91082	5.436	ug/L	100
33) Benzene	5.14	78	226212	5.528	ug/L	100
34) Trichloroethene	5.96	95	63599	5.449	ug/L	97
35) Methylcyclohexane	6.18	83	99289	5.430	ug/L	99
37) 1,2-Dichloropropane	6.22	63	51093	5.397	ug/L	98
38) Bromodichloromethane	6.56	83	72065	5.391	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	80623	5.431	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	307711	57.618	ug/L	99
42) Toluene	7.43	91	249459	5.483	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	65606	5.466	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	37263	5.161	ug/L	95
47) Tetrachloroethene	8.02	164	56265	5.517	ug/L	99
48) 2-Hexanone	8.19	43	220901	58.527	ug/L	99
49) Dibromochloromethane	8.29	129	48494	5.478	ug/L	96
50) 1,2-Dibromoethane	8.40	107	36391	5.392	ug/L	99
51) Chlorobenzene	8.92	112	161530	5.310	ug/L	99
52) Ethylbenzene	9.05	91	285716	5.503	ug/L	100
53) m,p-xylene	9.18	106	111802	5.657	ug/L	99
54) o-xylene	9.59	106	104188	5.570	ug/L	96
55) Styrene	9.60	104	178845	5.675	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.29	83	39870	5.145	ug/L	94
59) Bromoform	9.77	173	26046	5.109	ug/L	99
60) Isopropylbenzene	9.97	105	289992	5.383	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	32773	5.332	ug/L	98
62) 1,3,5-Trimethylbenzene	10.58	105	235016	5.283	ug/L	99
63) 1,2,4-Trimethylbenzene	10.96	105	241616	5.467	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	144455	5.381	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	144307	5.275	ug/L	98
67) 1,2-Dichlorobenzene	11.69	146	128143	5.253	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.48	75	7178	5.664	ug/L	91
69) 1,3,5-Trichlorobenzene	12.69	180	115097	5.186	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	95316	5.427	ug/L	99
71) Naphthalene	13.55	128	140795	5.777	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	86311	5.544	ug/L	98

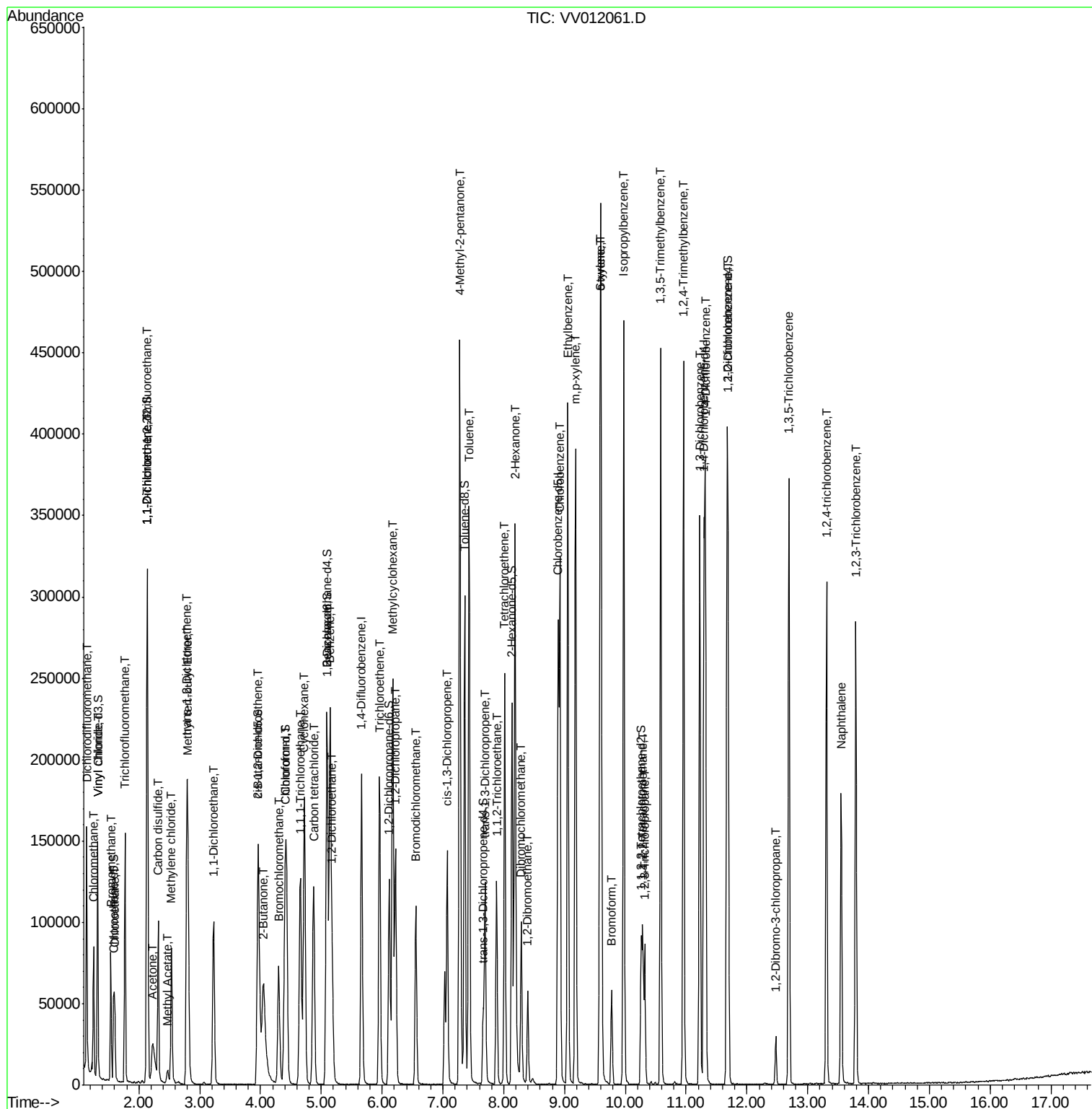
(#) = qualifier out of range (m) = manual integration (+) = signals summed

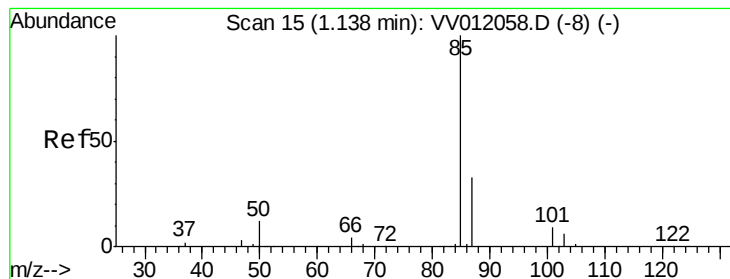
Data File : VV012061.D

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Acq On       : 29 Jul 2019   13:58
Operator    : SY/MD
Sample      : VSTDICV005
Misc        : 25ML/MSVOA_V/WATER
ALS Vial     : 7      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VICV005

Quant Time: Jul 30 08:49:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.377 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

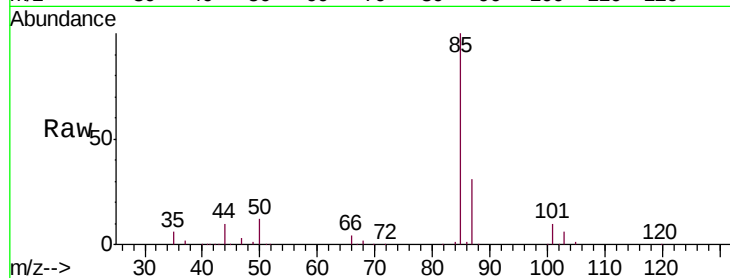
VICV005

Tgt Ion: 85 Resp: 80147

Ion Ratio Lower Upper

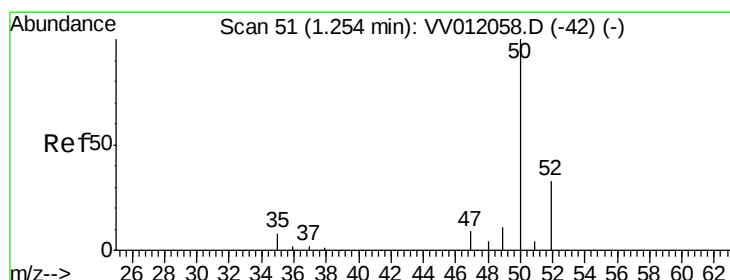
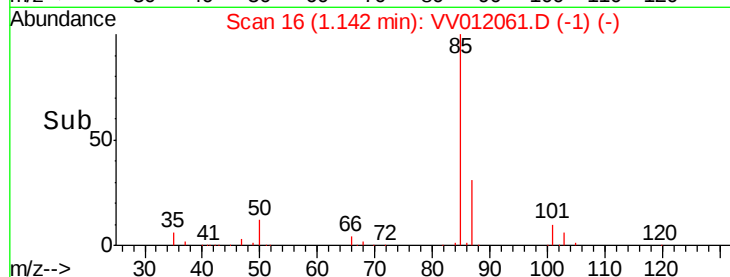
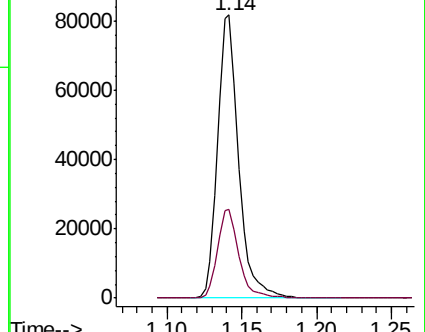
85 100

87 31.8 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VV012058.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV012058.D (-8) (-)



#3

Chloromethane

Concen: 4.674 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV012061.D

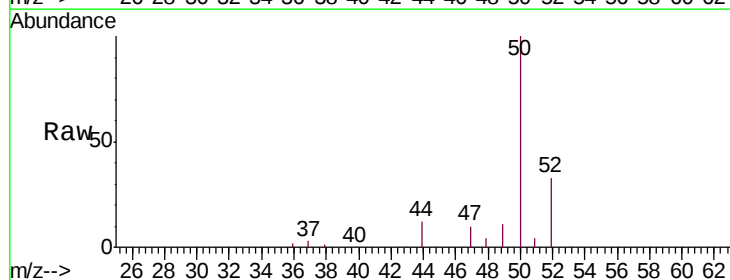
Acq: 29 Jul 2019 13:58

Tgt Ion: 50 Resp: 48996

Ion Ratio Lower Upper

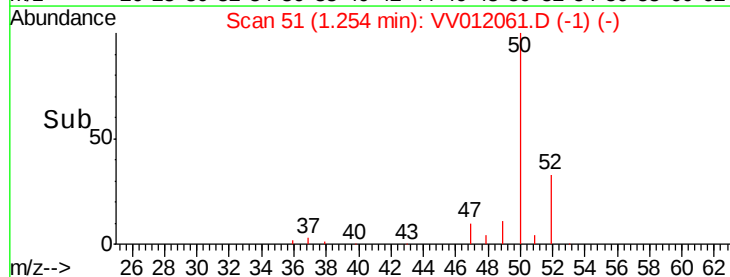
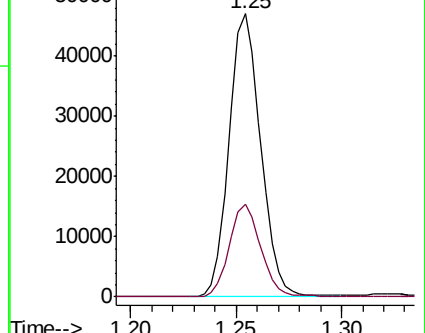
50 100

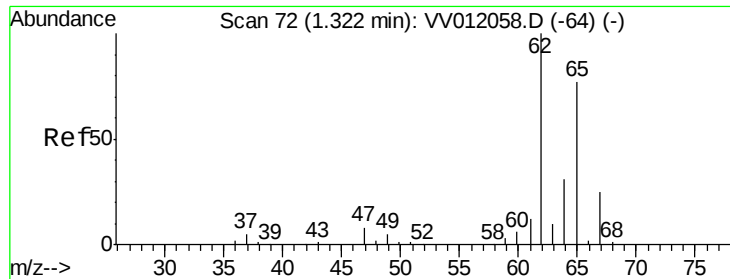
52 32.8 23.4 43.4



Abundance Ion 50.05 (49.75 to 50.75): VV012058.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV012058.D (-42) (-)





#5

Vinyl chloride

Concen: 4.651 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampled :

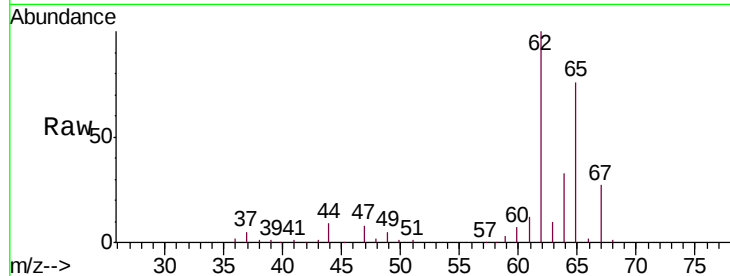
VICV005

Tgt Ion: 62 Resp: 49875

Ion Ratio Lower Upper

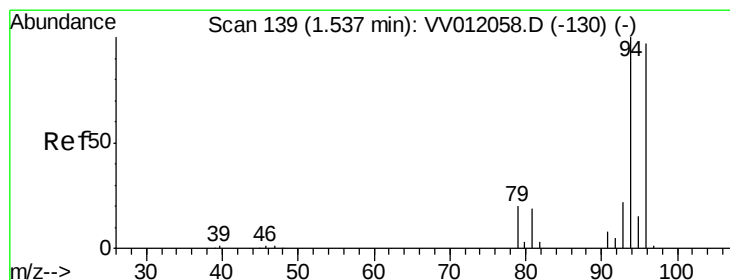
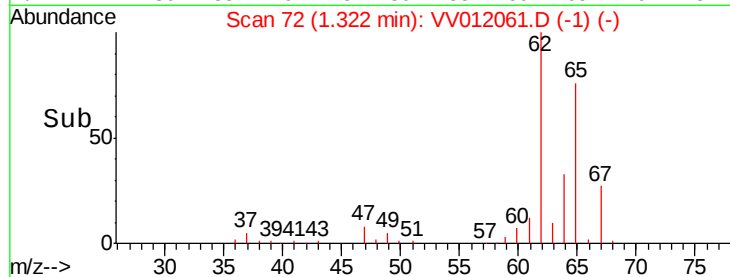
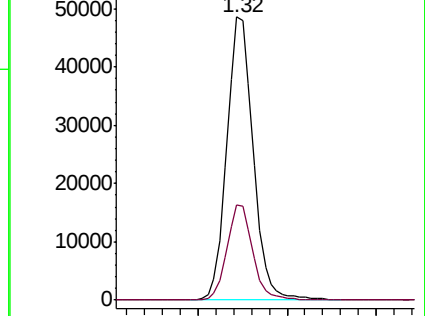
62 100

64 33.5 22.0 41.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 4.714 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV012061.D

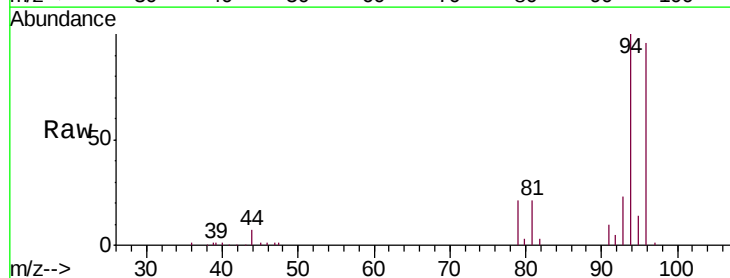
Acq: 29 Jul 2019 13:58

Tgt Ion: 94 Resp: 30213

Ion Ratio Lower Upper

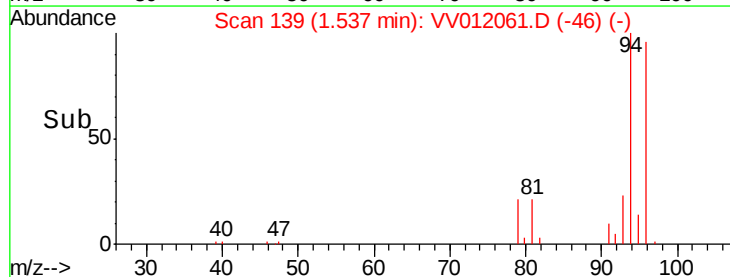
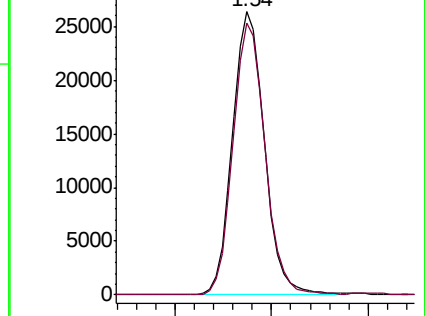
94 100

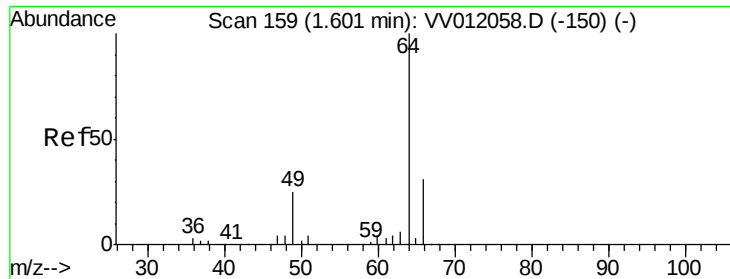
96 96.1 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 4.611 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

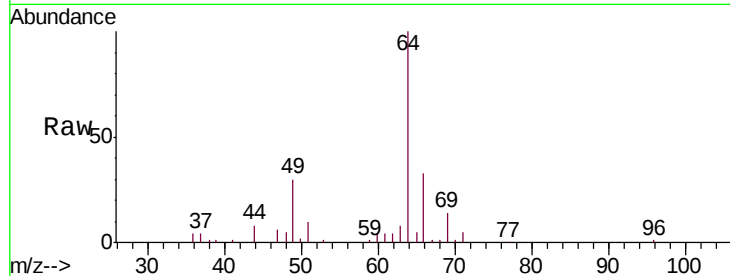
VICV005

Tgt Ion: 64 Resp: 26869

Ion Ratio Lower Upper

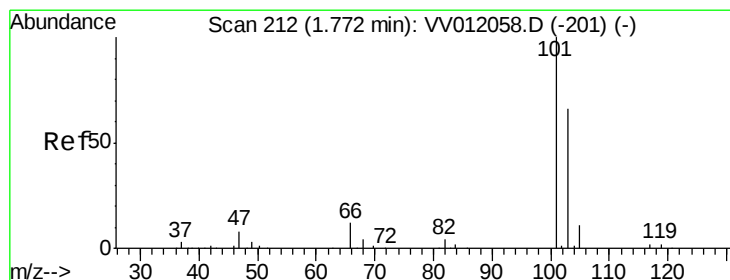
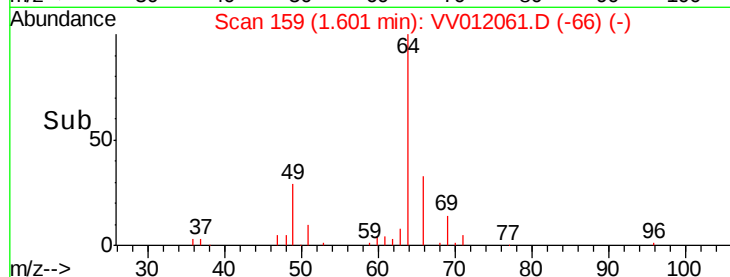
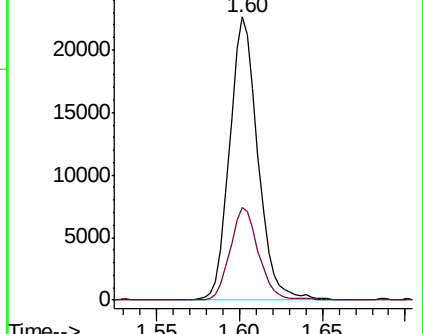
64 100

66 32.5 21.7 40.3



Abundance Ion 64.10 (63.80 to 64.80): VV012058.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV012061.D (-66) (-)



#9

Trichlorofluoromethane

Concen: 4.724 ug/L

RT: 1.77 min Scan# 212

Delta R.T. -0.00 min

Lab File: VV012061.D

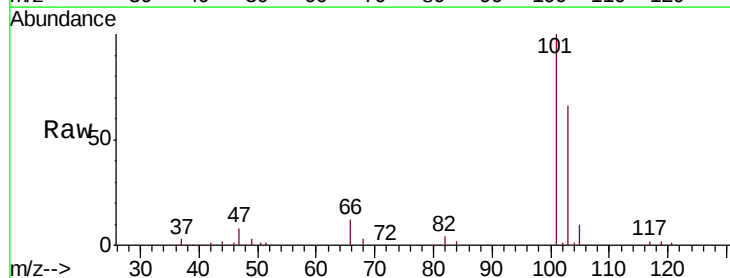
Acq: 29 Jul 2019 13:58

Tgt Ion: 101 Resp: 86644

Ion Ratio Lower Upper

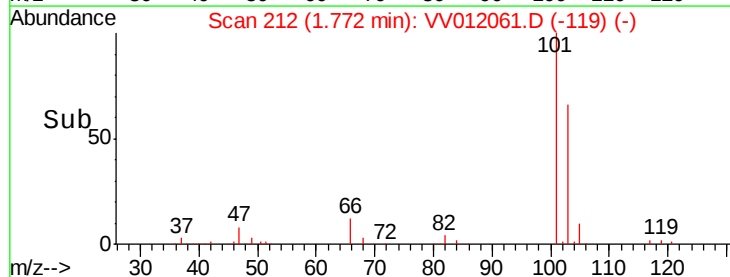
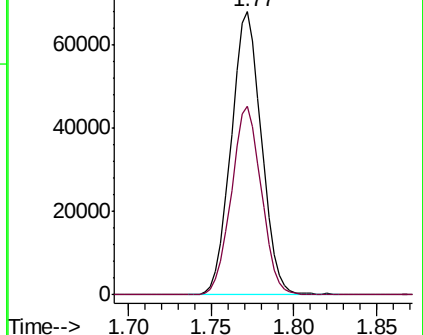
101 100

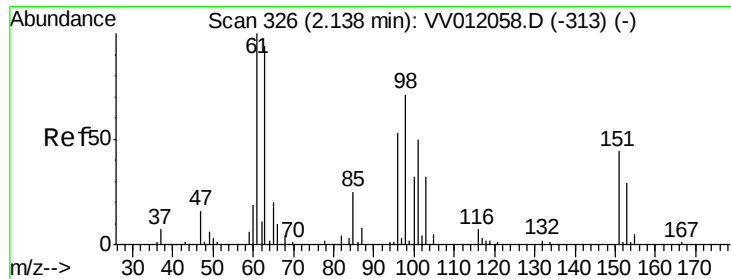
103 65.8 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): VV012058.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV012061.D (-119) (-)





#10

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

Concen: 4.767 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

VICV005

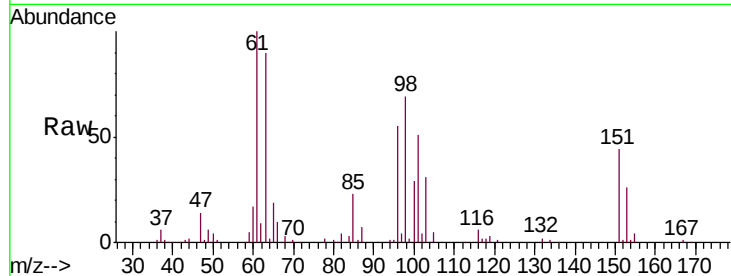
Tgt Ion:101 Resp: 37984

Ion Ratio Lower Upper

101 100

85 46.4 37.8 56.8

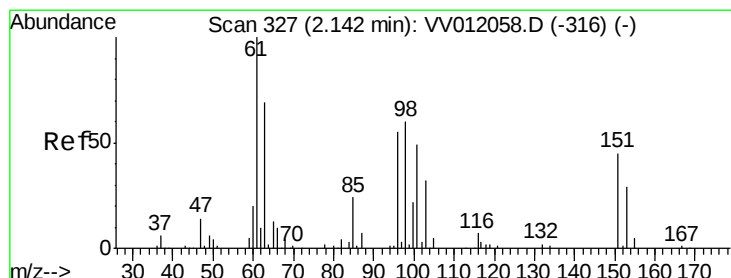
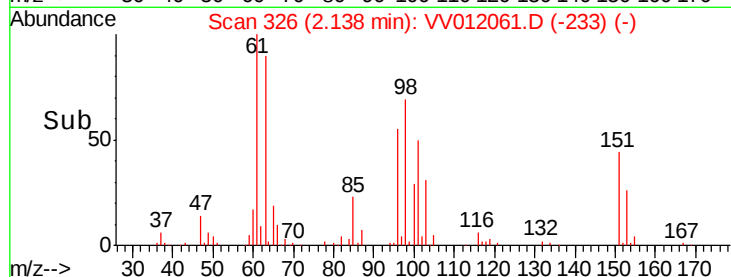
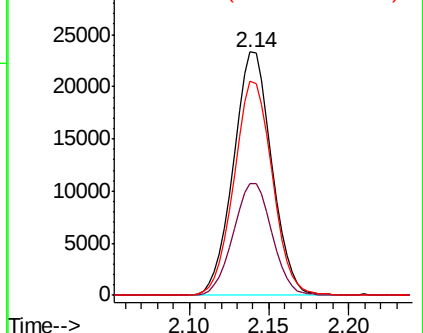
151 88.0 71.4 107.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.948 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

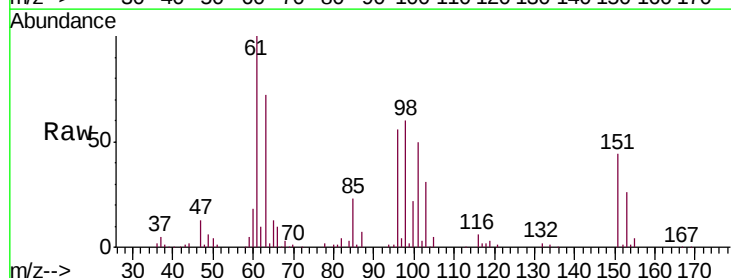
Tgt Ion: 96 Resp: 36522

Ion Ratio Lower Upper

96 100

61 180.2 127.8 237.4

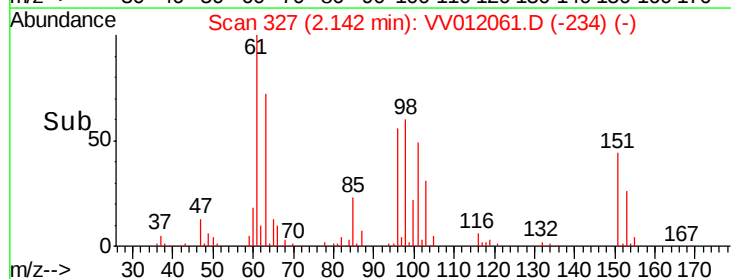
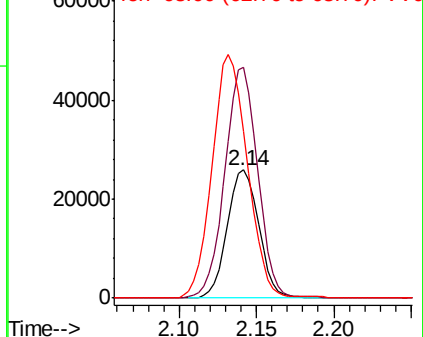
63 130.5 92.7 172.3

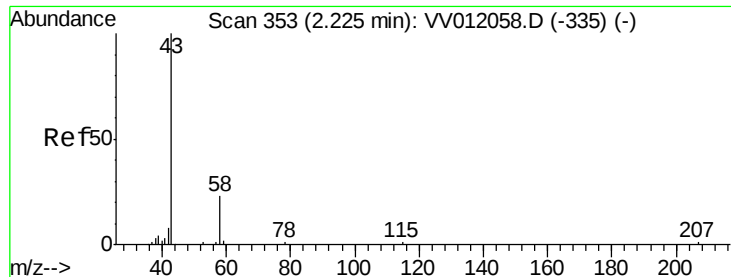


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 57.305 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

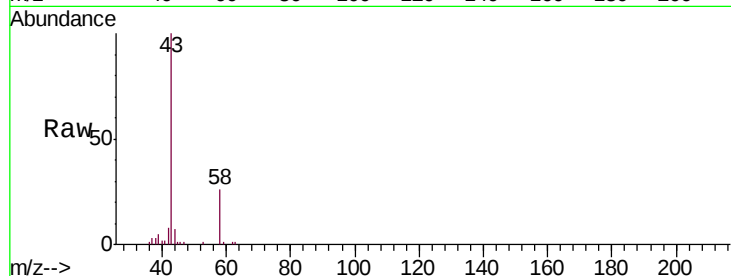
VICV005

Tgt Ion: 43 Resp: 65124

Ion Ratio Lower Upper

43 100

58 25.2 0.0 51.6



Abundance Ion 43.05 (42.75 to 43.75): VV012058.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV012058.D (-335) (-)

2.23

15000

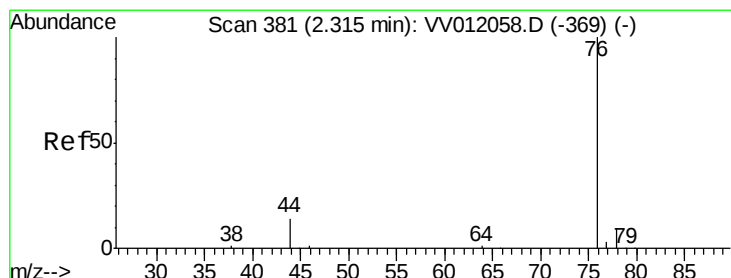
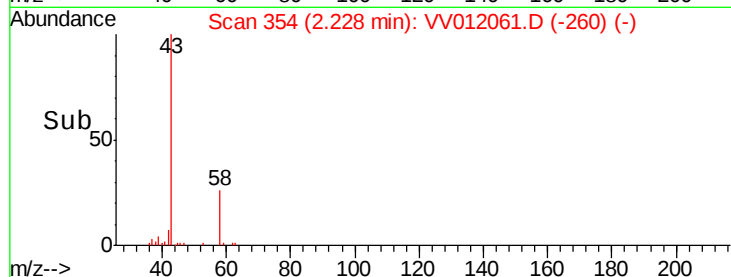
10000

5000

0

2.10 2.20 2.30 2.40

Time-->



#14

Carbon disulfide

Concen: 5.083 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV012061.D

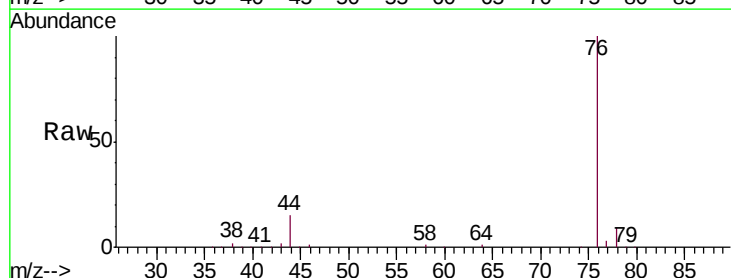
Acq: 29 Jul 2019 13:58

Tgt Ion: 76 Resp: 104760

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV012058.D (-369) (-)

Ion 78.00 (77.70 to 78.70): VV012058.D (-369) (-)

2.32

80000

60000

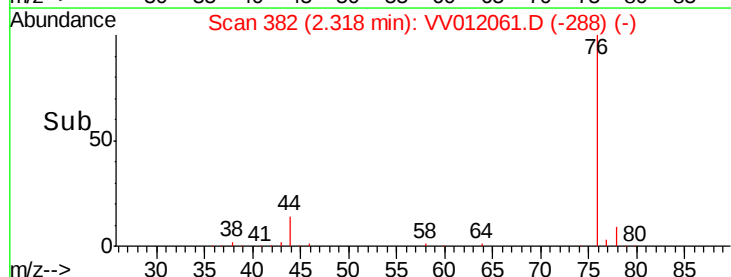
40000

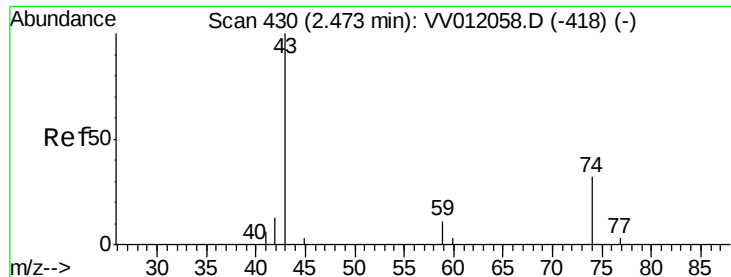
20000

0

2.25 2.30 2.35 2.40

Time-->





#15

Methyl Acetate

Concen: 4.799 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

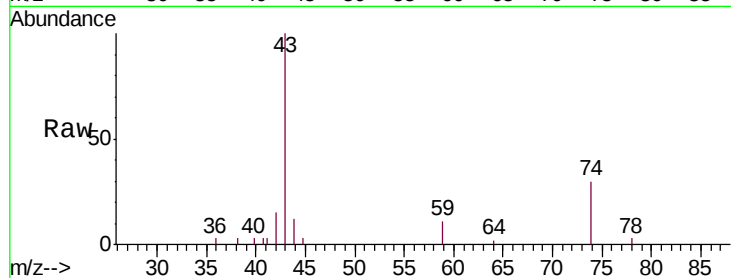
VICV005

Tgt Ion: 43 Resp: 11209

Ion Ratio Lower Upper

43 100

74 27.4 24.4 36.6

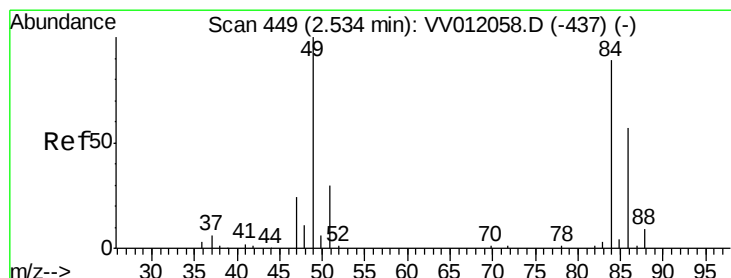
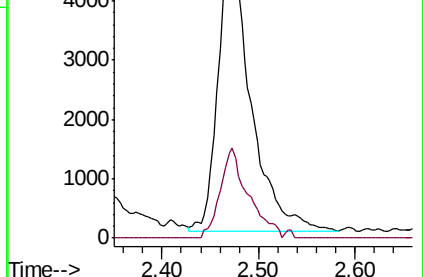
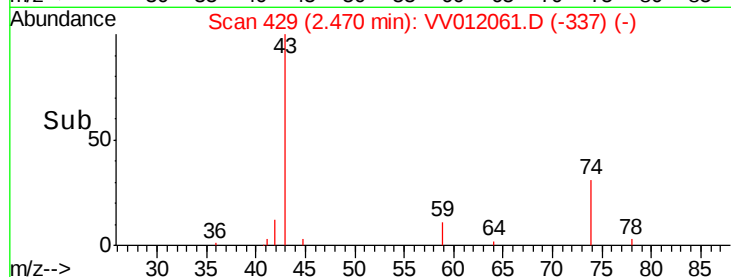


Abundance Ion 43.05 (42.75 to 43.75): VV012058.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VV012058.D (-418) (-)

2.47

Time-->



#16

Methylene chloride

Concen: 4.643 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

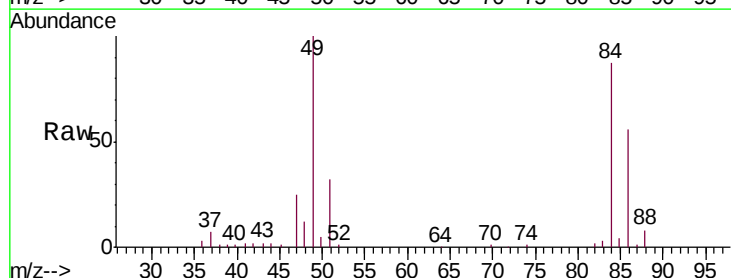
Tgt Ion: 84 Resp: 35146

Ion Ratio Lower Upper

84 100

86 64.7 44.9 83.3

49 115.0 78.6 146.0



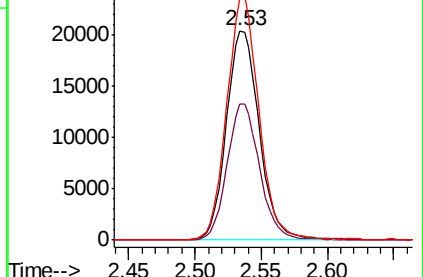
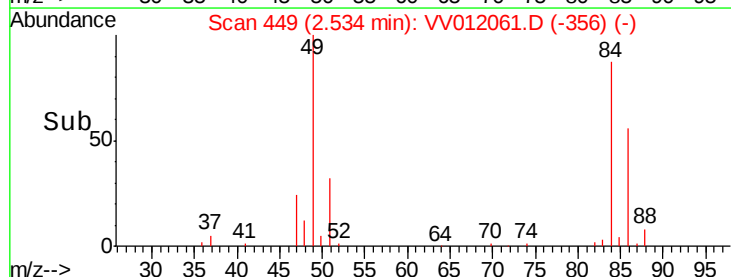
Abundance Ion 84.05 (83.75 to 84.75): VV012058.D (-437) (-)

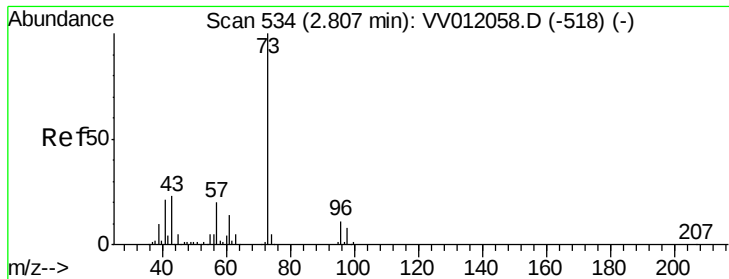
Ion 86.00 (85.70 to 86.70): VV012058.D (-437) (-)

Ion 49.10 (48.80 to 49.80): VV012058.D (-437) (-)

2.53

Time-->





#17

Methyl tert-butyl Ether

Concen: 5.062 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

VICV005

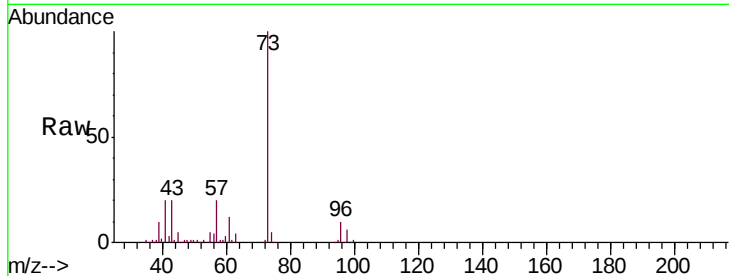
Tgt Ion: 73 Resp: 117464

Ion Ratio Lower Upper

73 100

43 21.0 17.6 26.4

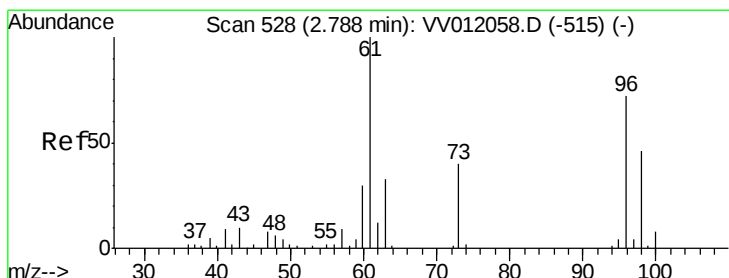
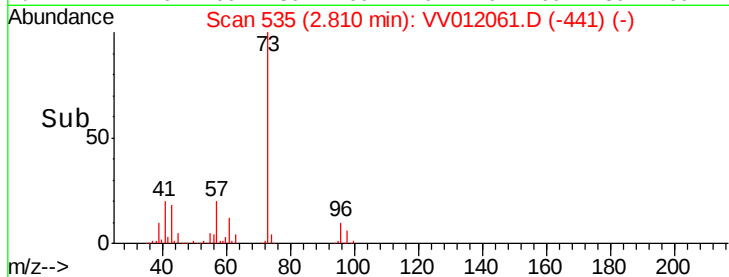
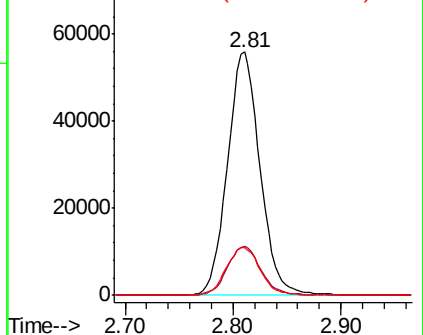
57 20.6 17.0 25.6



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 5.162 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

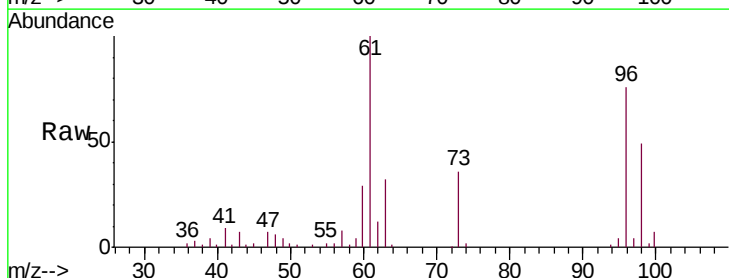
Tgt Ion: 96 Resp: 54899

Ion Ratio Lower Upper

96 100

61 131.0 97.2 180.6

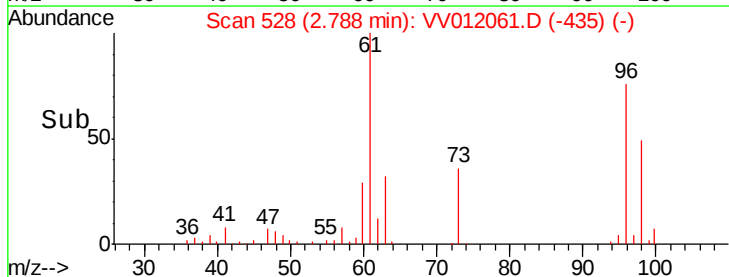
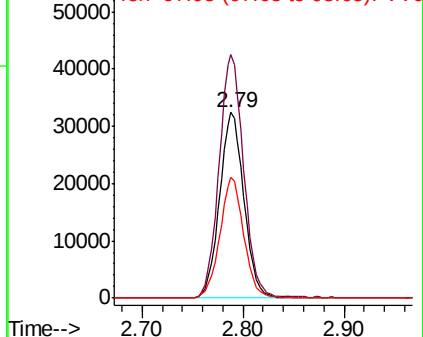
98 64.6 45.0 83.6

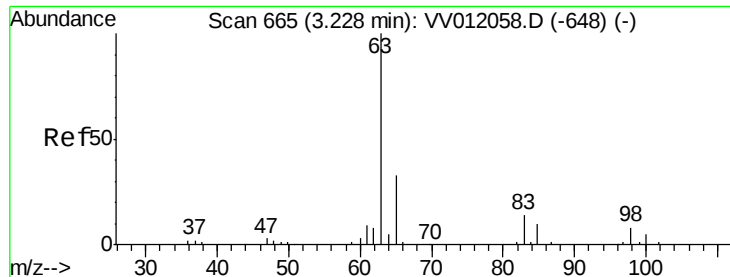


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

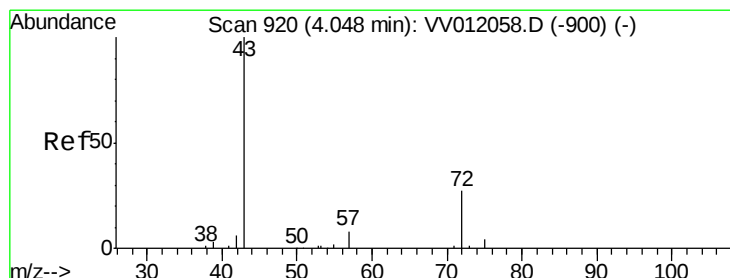
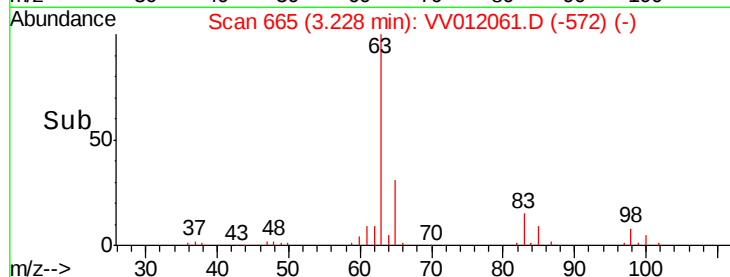
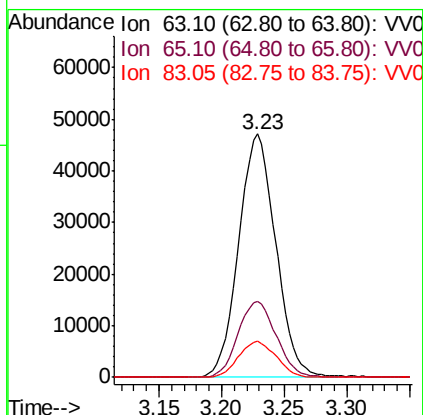
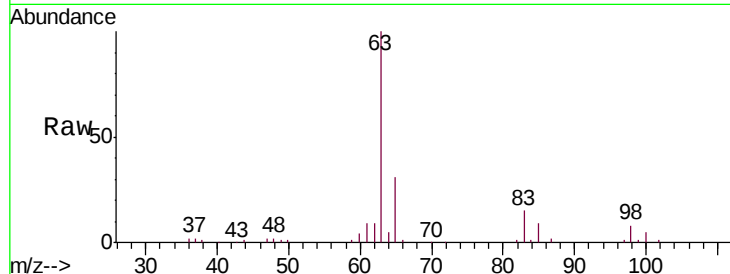




#19
 1,1-Dichloroethane
 Concen: 5.105 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

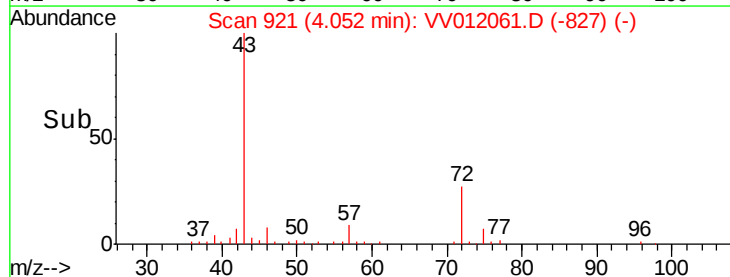
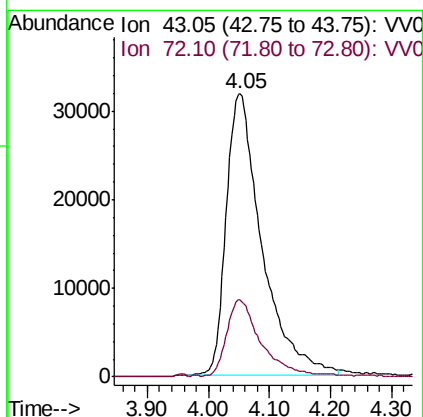
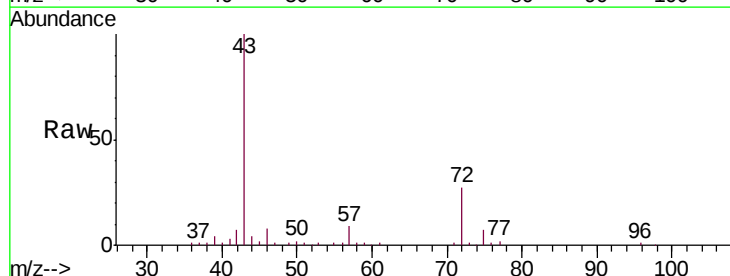
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

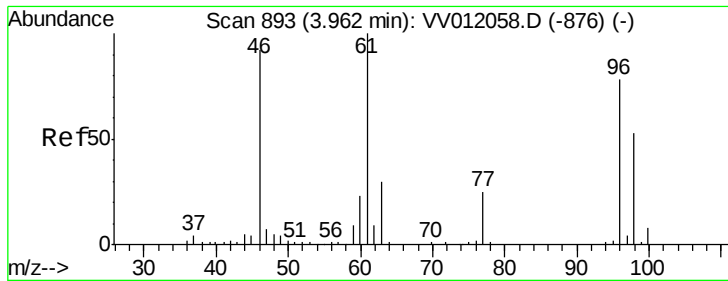
Tgt Ion: 63 Resp: 97094
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.0 42.6
 83 14.7 9.7 17.9



#21
 2-Butanone
 Concen: 57.406 ug/L
 RT: 4.05 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion: 43 Resp: 128723
 Ion Ratio Lower Upper
 43 100
 72 27.2 13.4 40.2



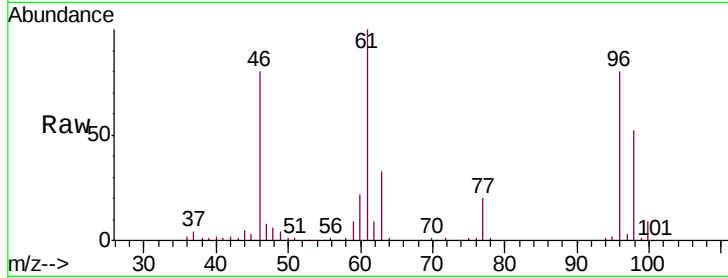


#22

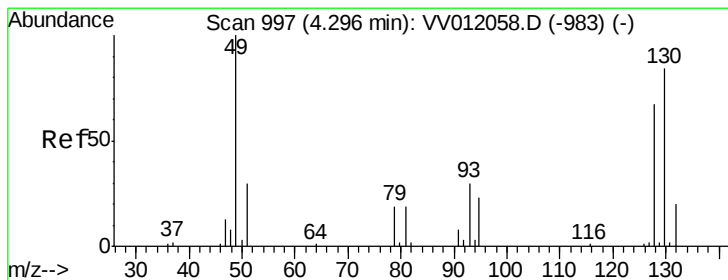
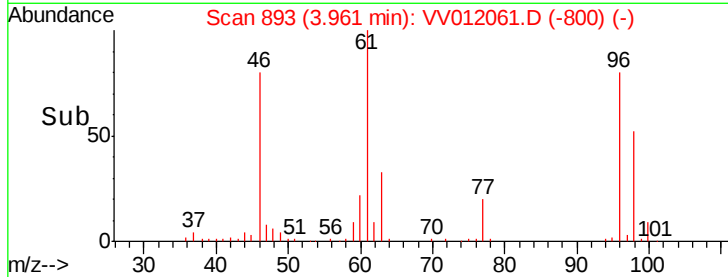
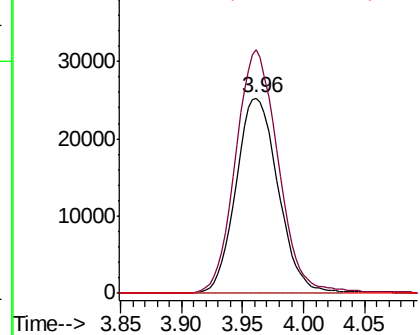
cis-1,2-Dichloroethene
Concen: 5.350 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Instrument :
MSVOA_V
ClientSampleId :
VICV005

Tgt Ion: 96 Resp: 60579
Ion Ratio Lower Upper
96 100
61 124.8 90.0 167.2
68 0.0 0.0 0.0



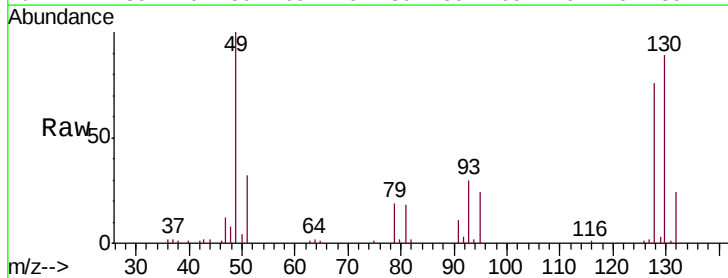
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



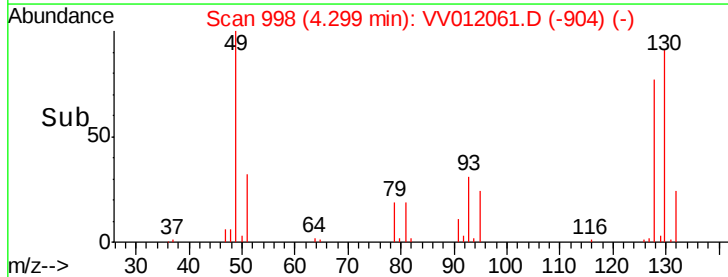
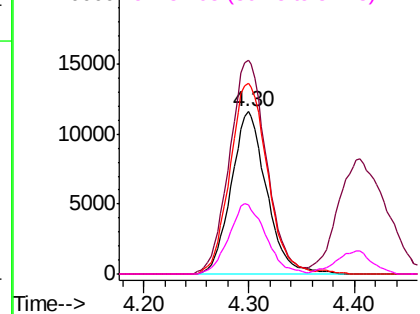
#23

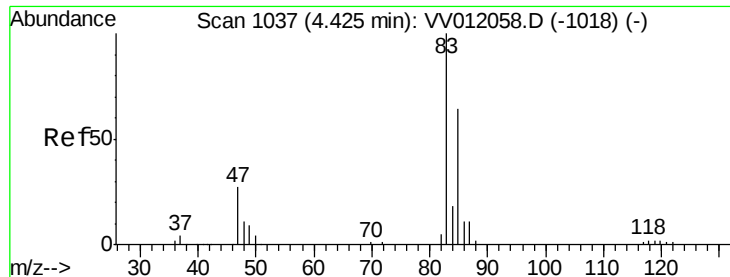
Bromochloromethane
Concen: 5.425 ug/L
RT: 4.30 min Scan# 998
Delta R.T. 0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Tgt Ion: 128 Resp: 26946
Ion Ratio Lower Upper
128 100
49 131.7 105.1 195.1
130 117.7 88.9 165.1
51 42.4 36.2 54.2



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

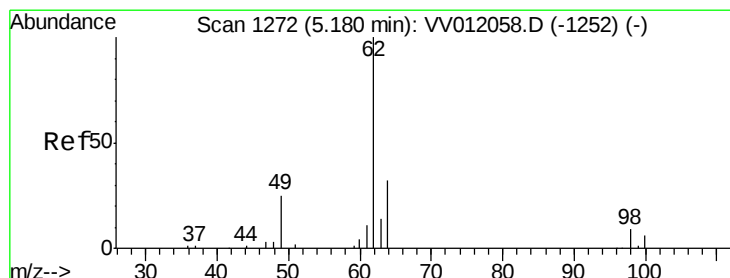
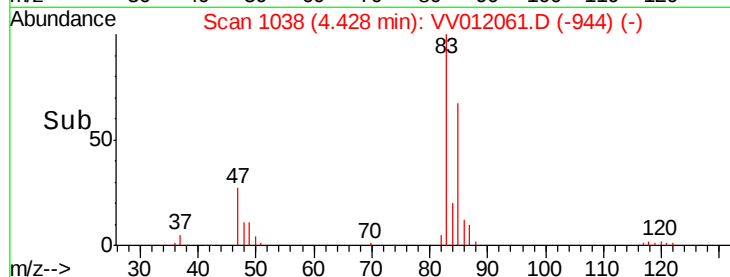
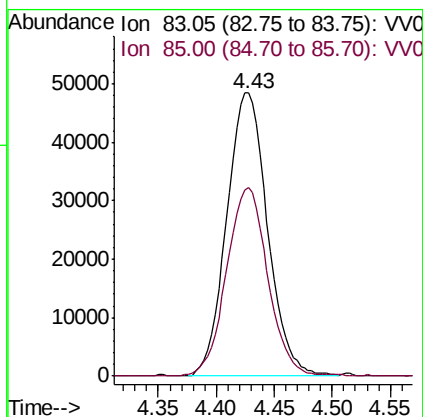
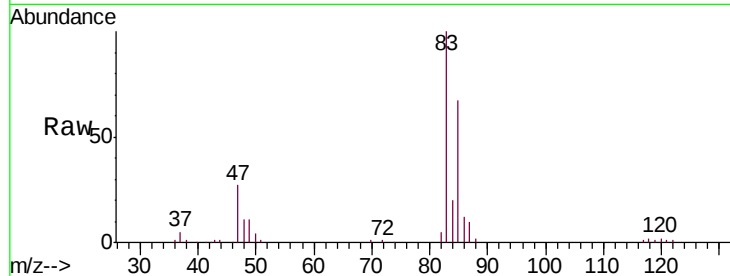




#25
Chloroform
Concen: 4.961 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

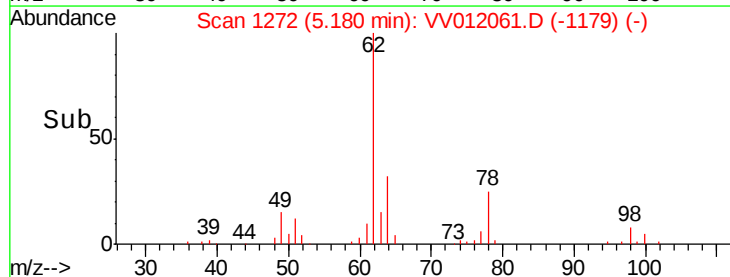
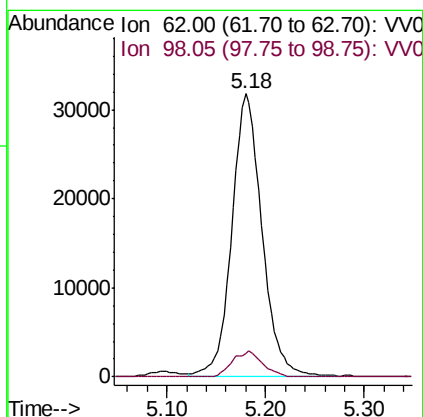
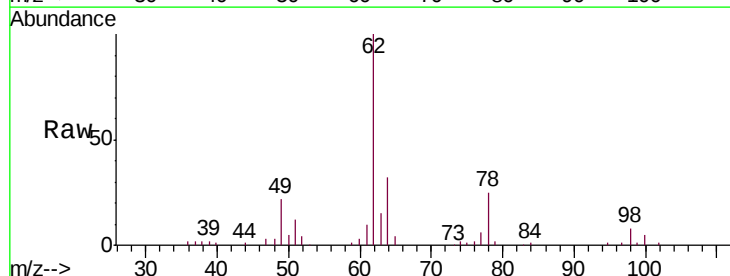
Instrument :
MSVOA_V
ClientSampled :
VICV005

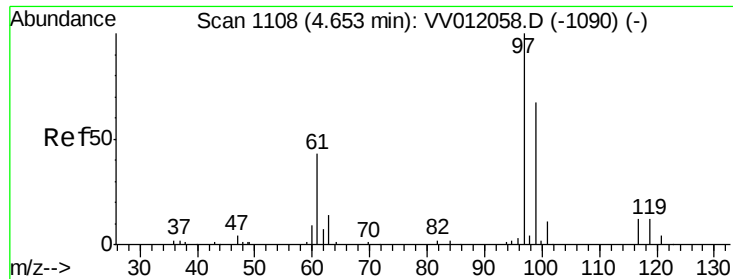
Tgt Ion: 83 Resp: 118301
Ion Ratio Lower Upper
83 100
85 66.7 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.116 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Tgt Ion: 62 Resp: 67329
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.6

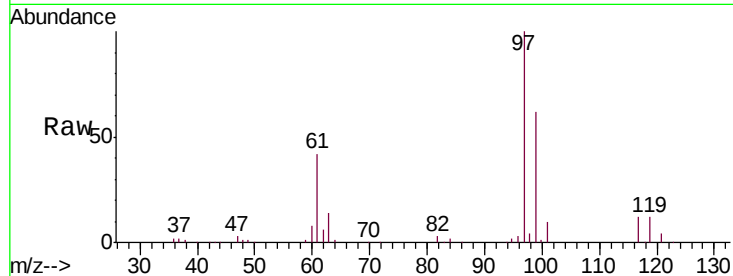




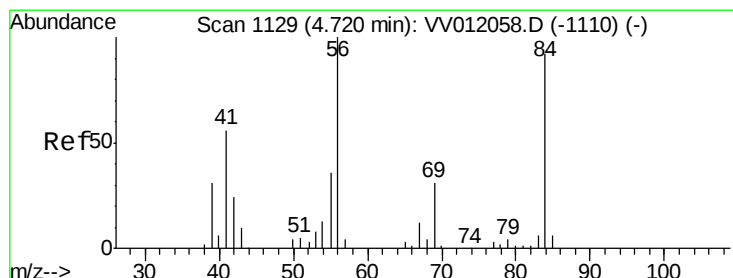
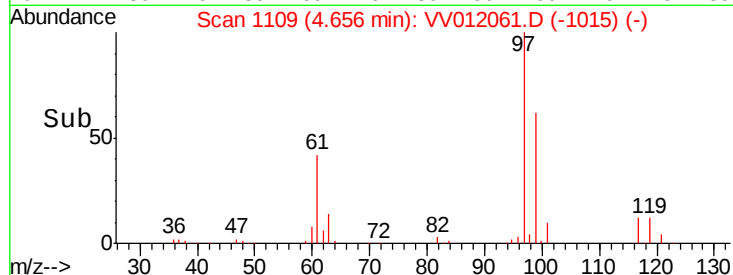
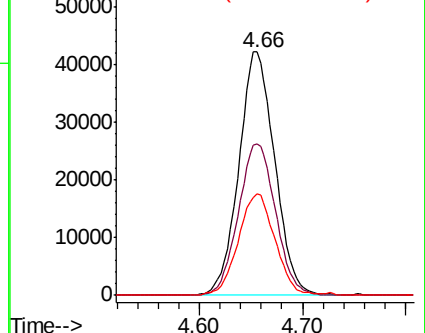
#29
 1,1,1-Trichloroethane
 Concen: 5.490 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Instrument :
 MSVOA_V
 ClientSampled :
 VICV005

Tgt Ion: 97 Resp: 102244
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.8 77.8
 61 42.6 34.5 51.7

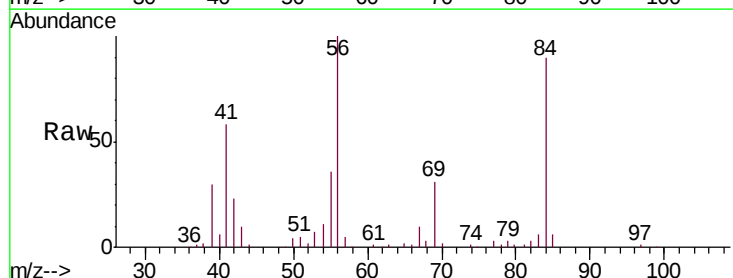


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

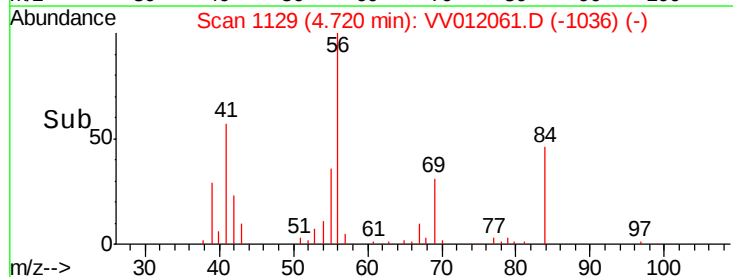
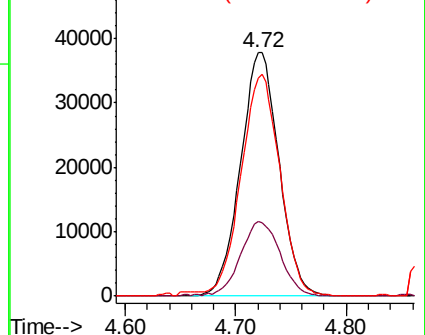


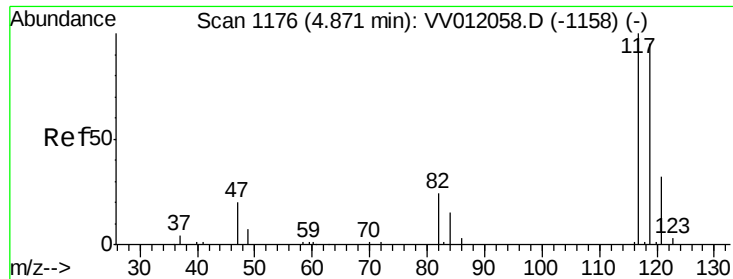
#30
 Cyclohexane
 Concen: 5.739 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion: 56 Resp: 91423
 Ion Ratio Lower Upper
 56 100
 69 31.5 24.8 37.2
 84 92.2 75.4 113.2



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0



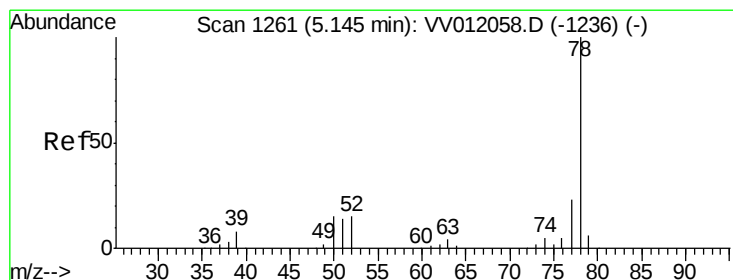
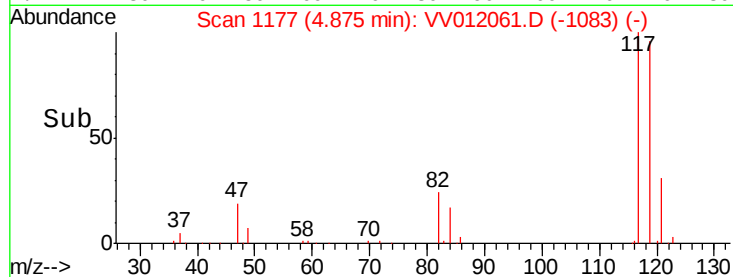
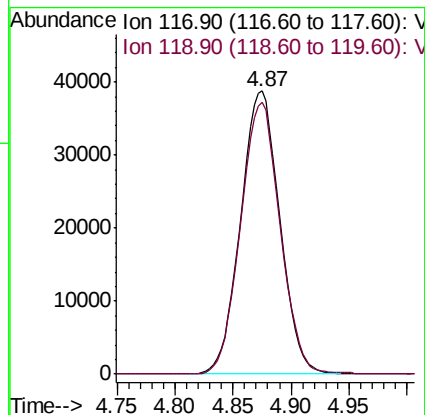
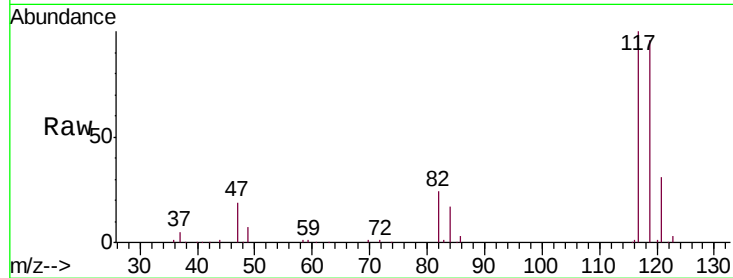


#31

Carbon tetrachloride
 Concen: 5.436 ug/L
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

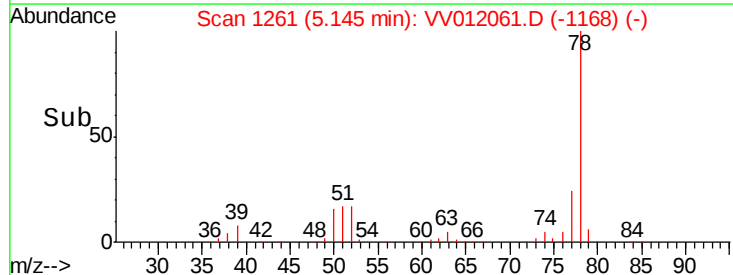
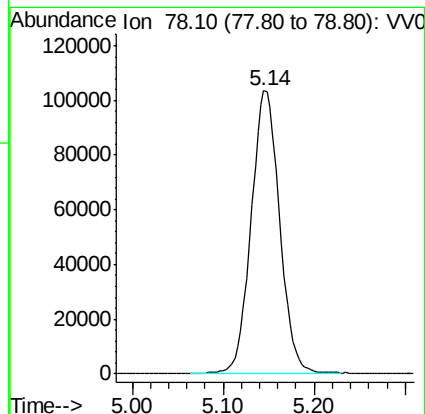
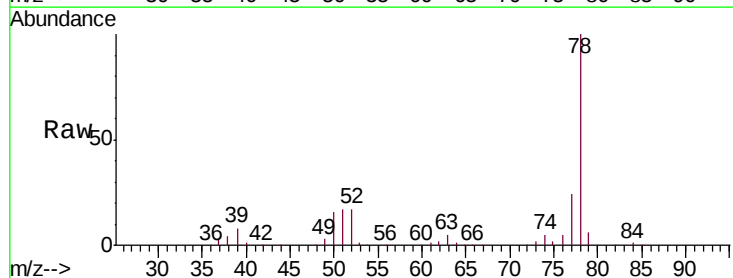
Tgt Ion:117 Resp: 91082
 Ion Ratio Lower Upper
 117 100
 119 96.7 77.7 116.5

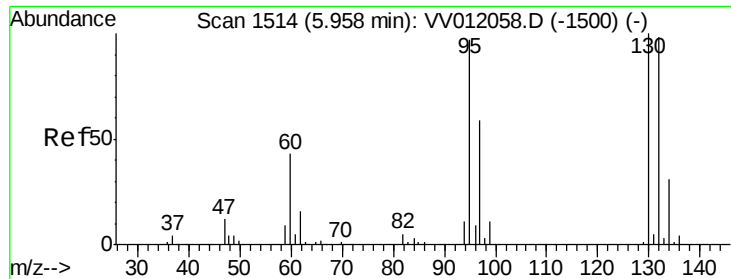


#33

Benzene
 Concen: 5.528 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion: 78 Resp: 226212

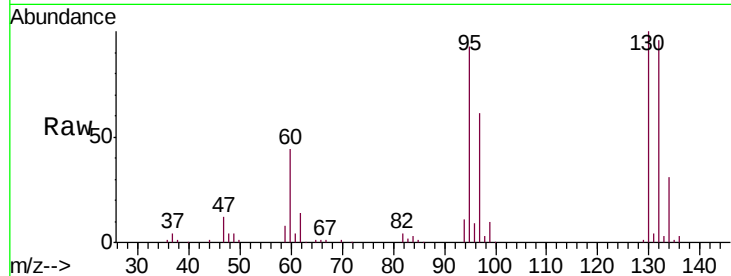




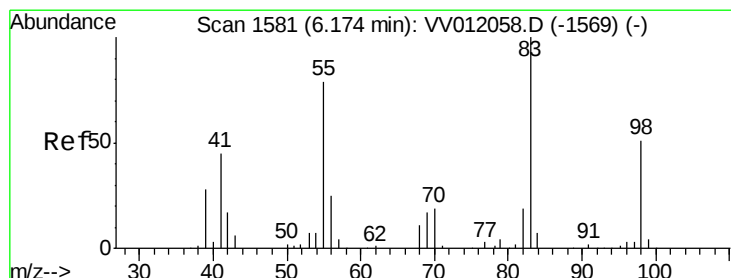
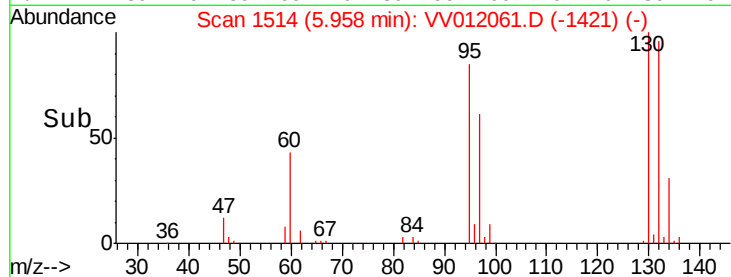
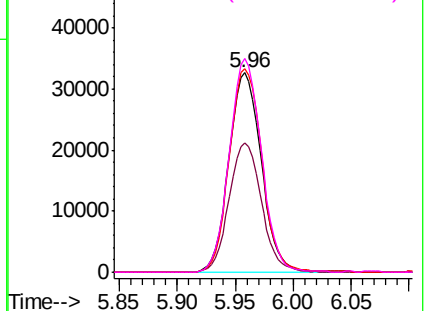
#34
 Trichloroethene
 Concen: 5.449 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

Tgt Ion: 95 Resp: 63599
 Ion Ratio Lower Upper
 95 100
 97 64.9 42.8 79.6
 132 102.5 70.8 131.6
 130 107.3 72.3 134.3

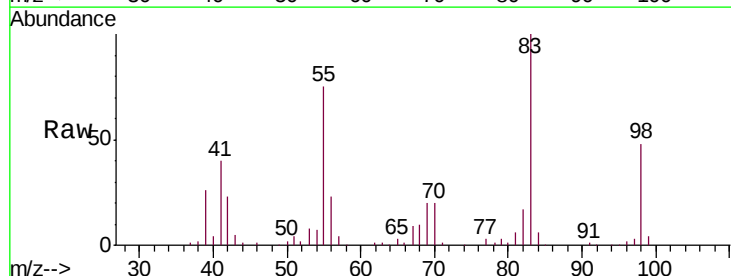


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

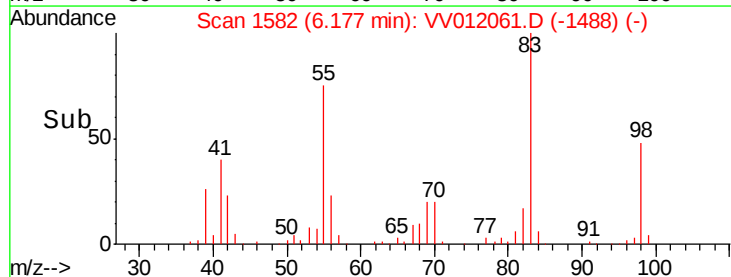
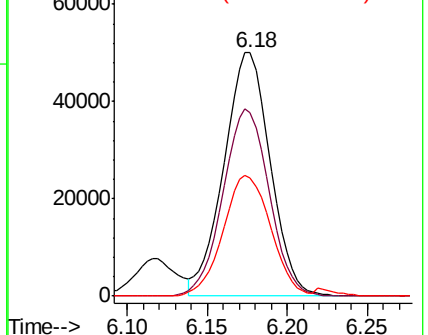


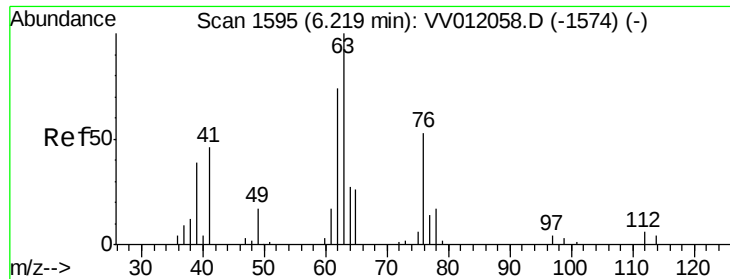
#35
 Methylcyclohexane
 Concen: 5.430 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion: 83 Resp: 99289
 Ion Ratio Lower Upper
 83 100
 55 76.6 60.1 90.1
 98 50.3 40.2 60.4



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

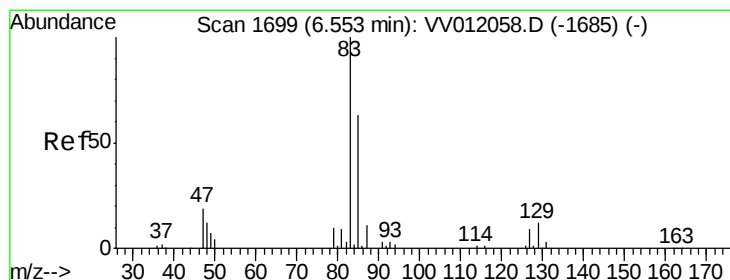
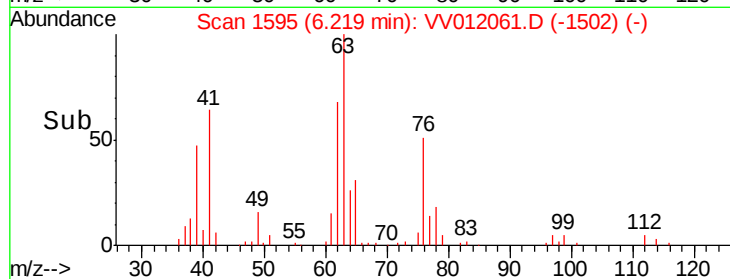
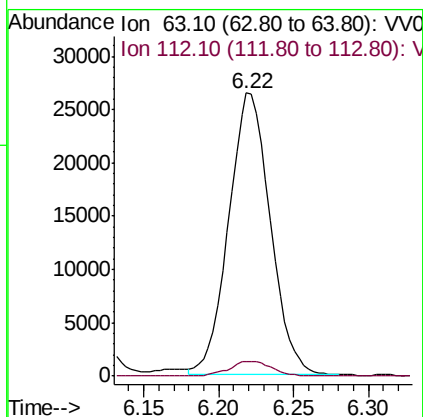
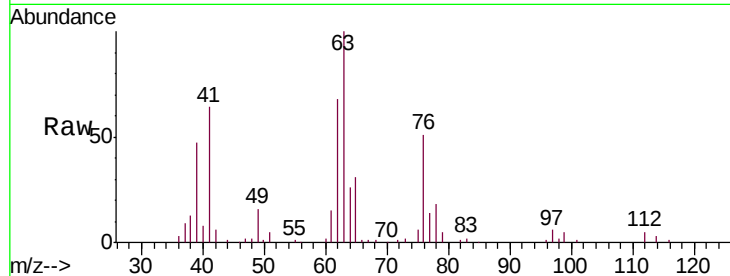




#37
 1,2-Dichloropropane
 Concen: 5.397 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

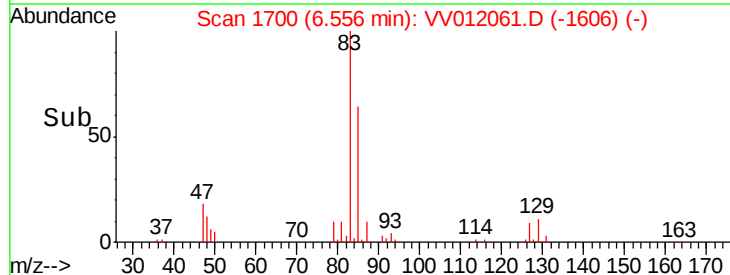
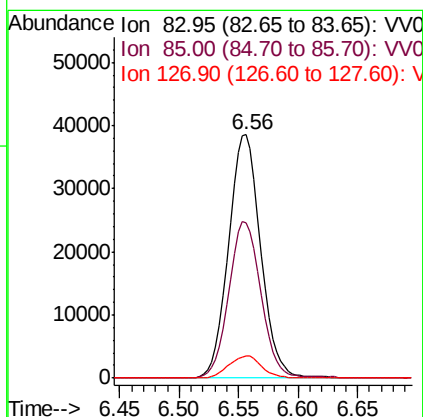
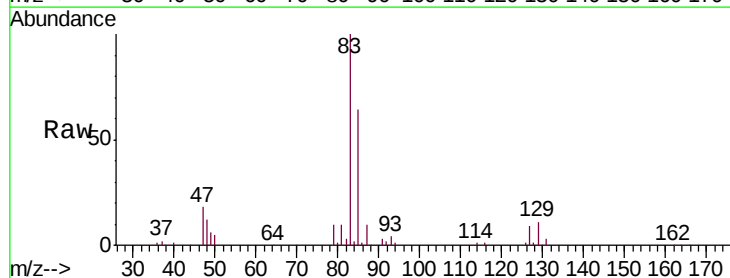
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

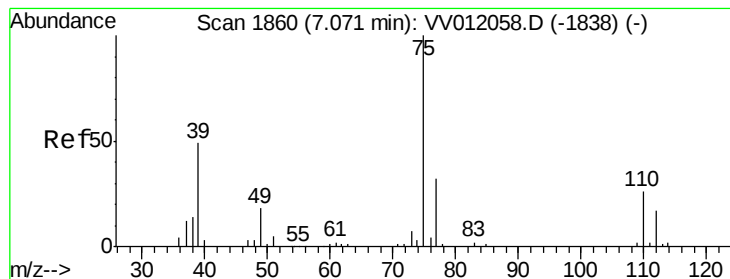
Tgt Ion: 63 Resp: 51093
 Ion Ratio Lower Upper
 63 100
 112 5.3 3.8 5.6



#38
 Bromodichloromethane
 Concen: 5.391 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion: 83 Resp: 72065
 Ion Ratio Lower Upper
 83 100
 85 64.0 43.9 81.5
 127 9.0 6.9 10.3



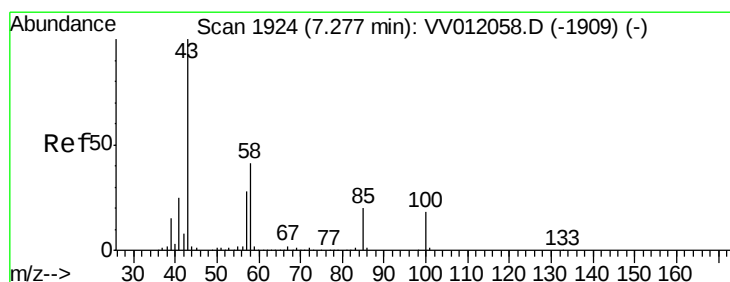
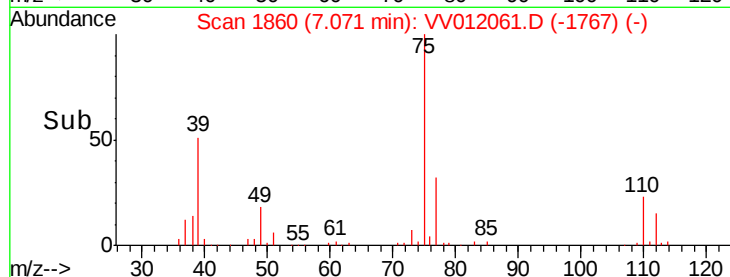
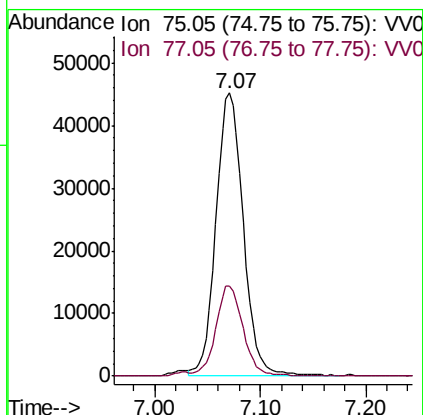
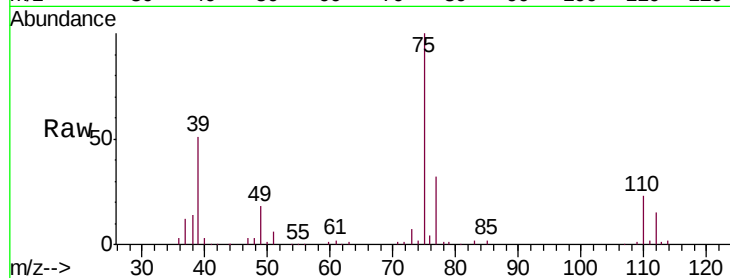


#39

cis-1,3-Dichloropropene
Concen: 5.431 ug/L
RT: 7.07 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Instrument :
MSVOA_V
ClientSampleId :
VICV005

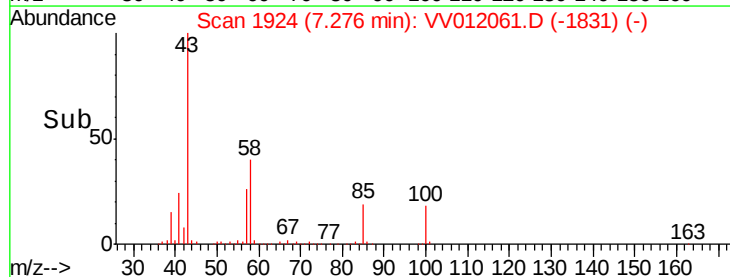
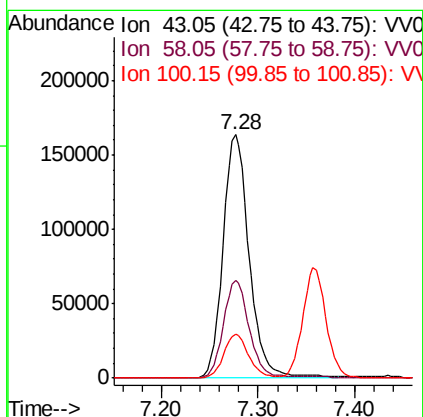
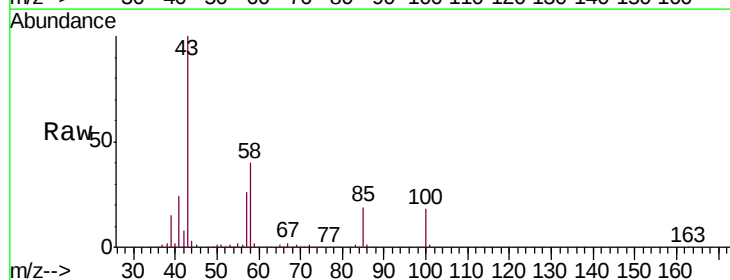
Tgt Ion: 75 Resp: 80623
Ion Ratio Lower Upper
75 100
77 32.1 22.4 41.6

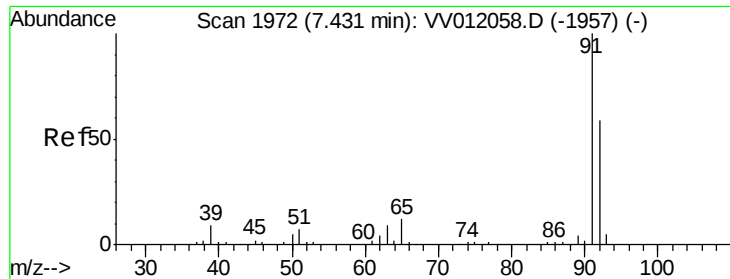


#40

4-Methyl-2-pentanone
Concen: 57.618 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Tgt Ion: 43 Resp: 307711
Ion Ratio Lower Upper
43 100
58 39.4 31.9 47.9
100 17.2 14.0 21.0





#42

Toluene

Concen: 5.483 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

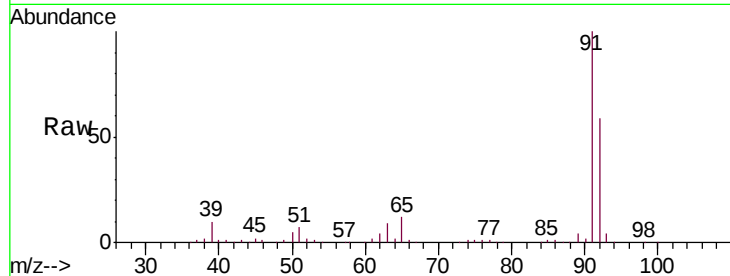
VICV005

Tgt Ion: 91 Resp: 249459

Ion Ratio Lower Upper

91 100

92 58.6 41.3 76.7



Abundance Ion 91.15 (90.85 to 91.85): VV012058.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012058.D (-1957) (-)

7.43

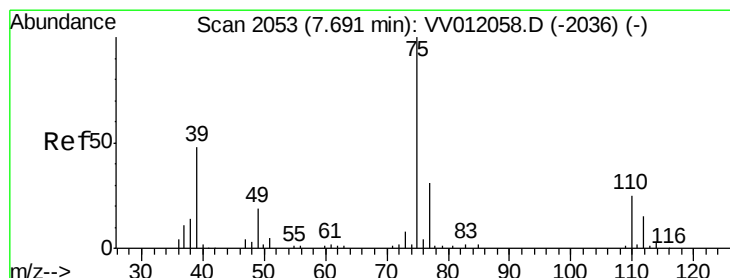
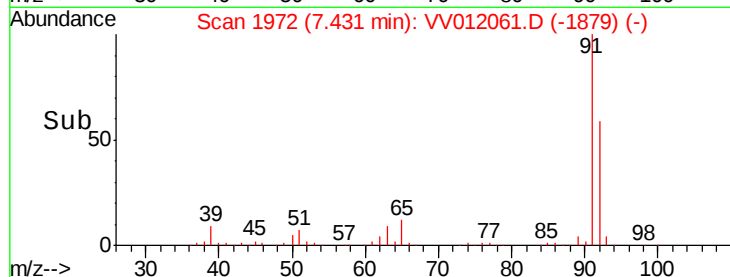
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.466 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. 0.00 min

Lab File: VV012061.D

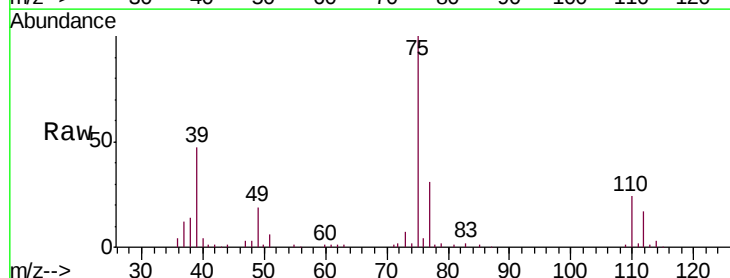
Acq: 29 Jul 2019 13:58

Tgt Ion: 75 Resp: 65606

Ion Ratio Lower Upper

75 100

77 30.8 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VV012058.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV012058.D (-2036) (-)

7.69

40000

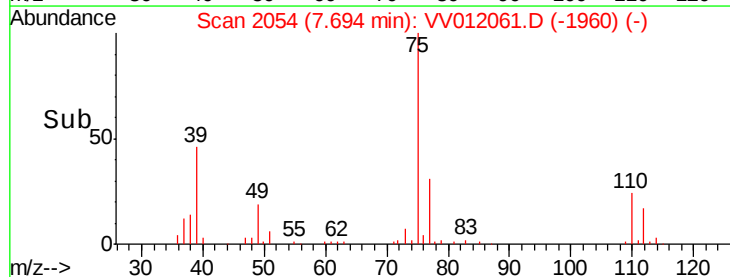
30000

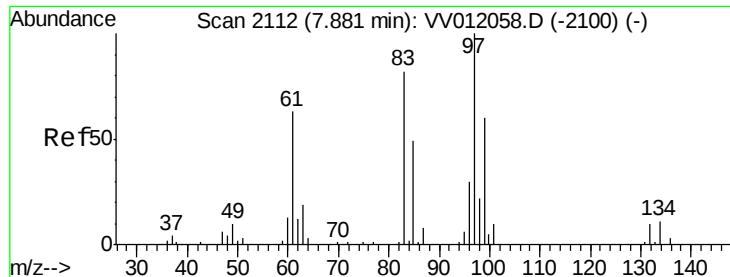
20000

10000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 5.161 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

VICV005

Tgt Ion: 97 Resp: 37263

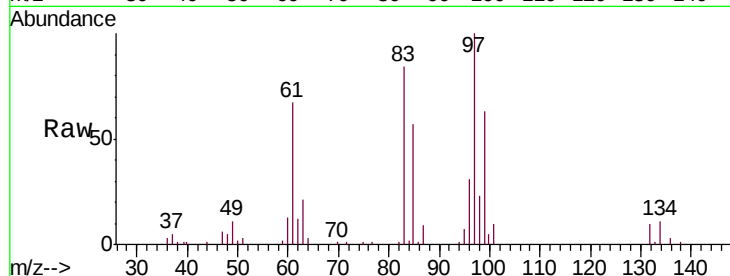
Ion Ratio Lower Upper

97 100

99 63.3 42.0 78.0

83 84.3 57.6 107.0

85 57.0 34.6 64.2

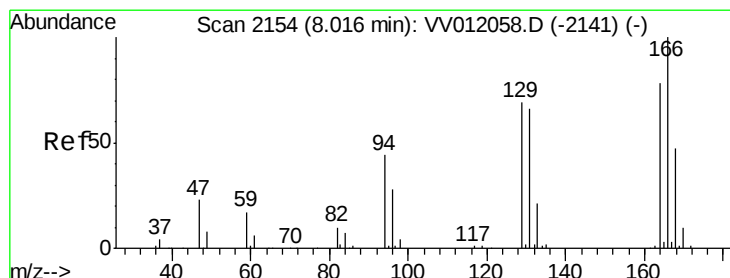
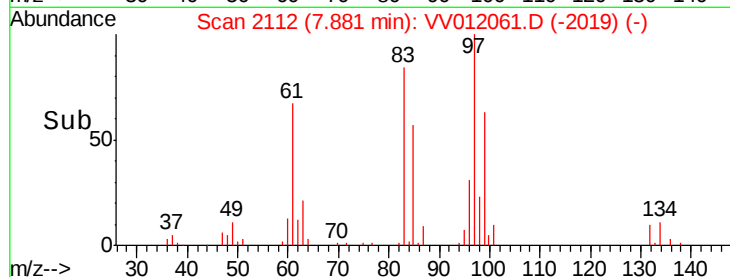
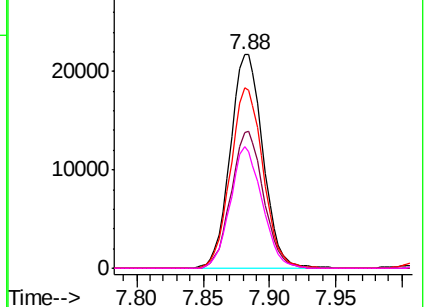


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 5.517 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Tgt Ion: 164 Resp: 56265

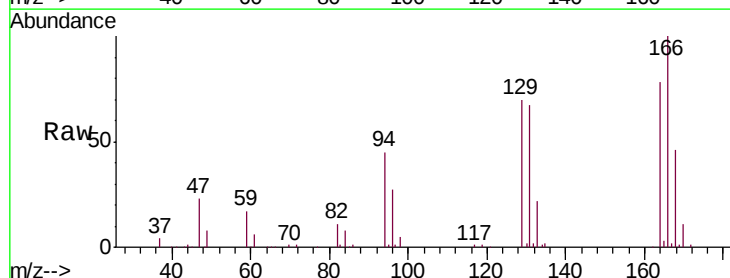
Ion Ratio Lower Upper

164 100

129 89.7 61.9 114.9

131 85.3 59.4 110.4

166 127.9 89.6 166.4

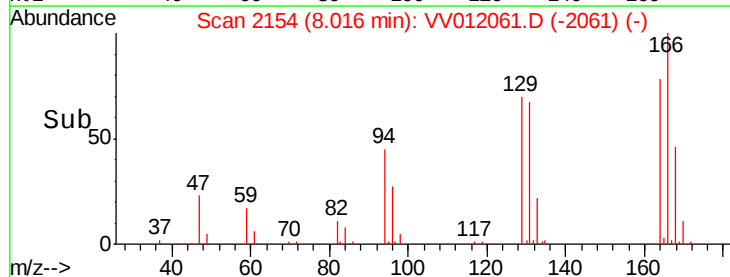
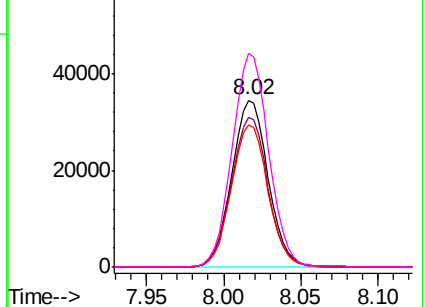


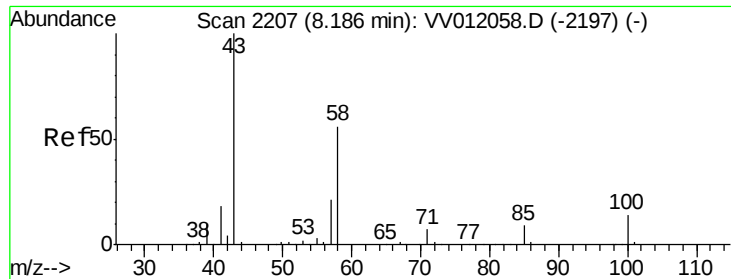
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

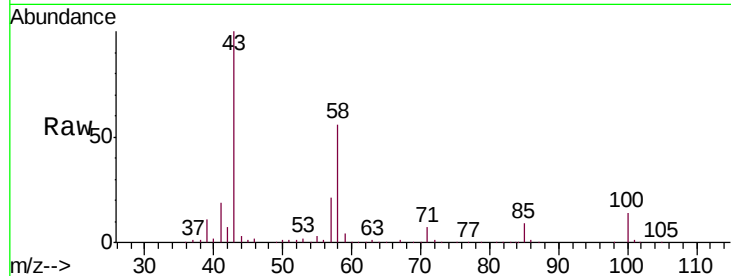




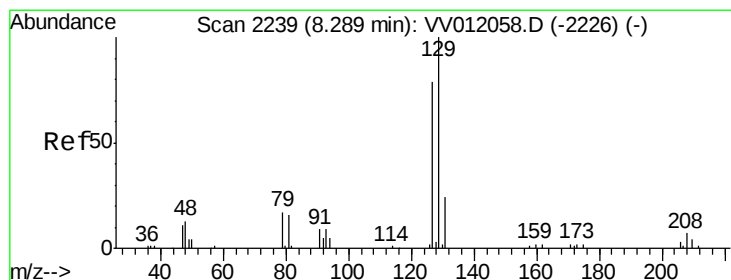
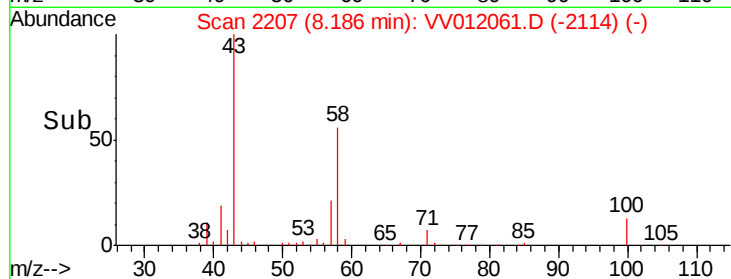
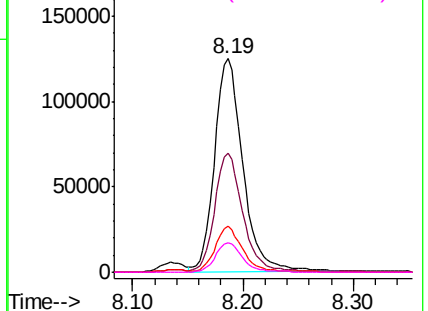
#48
2-Hexanone
Concen: 58.527 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Instrument :
MSVOA_V
ClientSampleId :
VICV005

Tgt Ion: 43 Resp: 220901
Ion Ratio Lower Upper
43 100
58 56.3 44.1 66.1
57 20.4 16.1 24.1
100 13.7 11.3 16.9

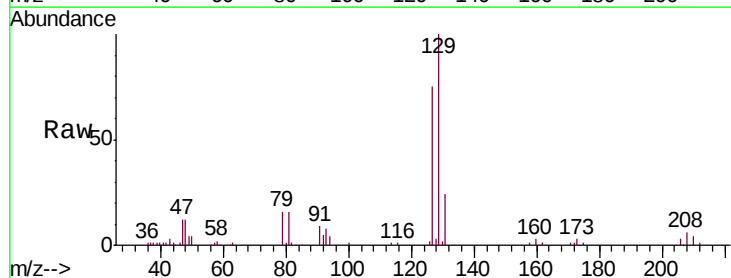


Abundance Ion 43.05 (42.75 to 43.75): VV012061.D (-2114) (-)
Ion 58.05 (57.75 to 58.75): VV012061.D (-2114) (-)
Ion 57.20 (56.90 to 57.90): VV012061.D (-2114) (-)
Ion 100.15 (99.85 to 100.85): VV012061.D (-2114) (-)

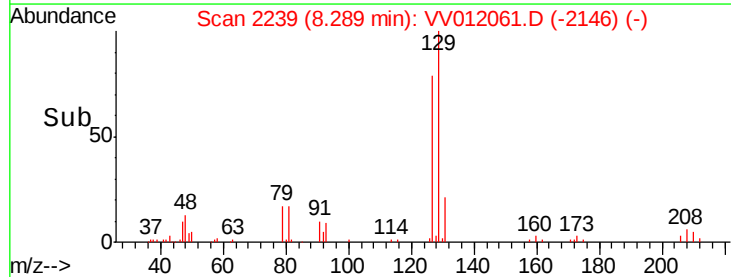
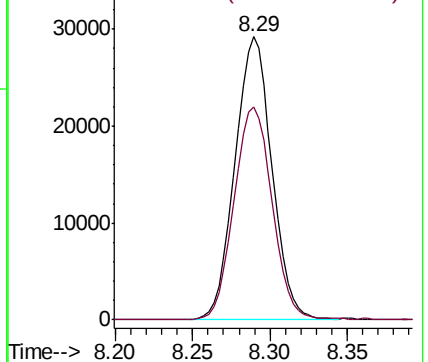


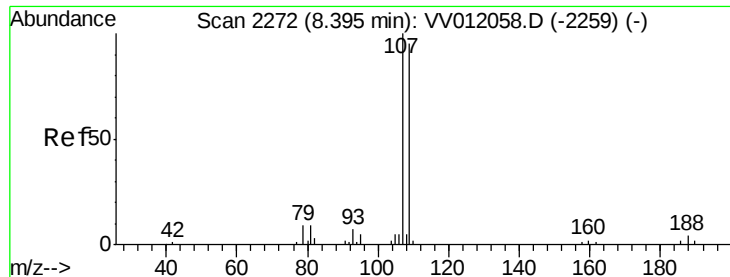
#49
Dibromochloromethane
Concen: 5.478 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Tgt Ion: 129 Resp: 48494
Ion Ratio Lower Upper
129 100
127 75.2 55.4 102.8



Abundance Ion 128.95 (128.65 to 129.65): VV012061.D (-2146) (-)
Ion 126.90 (126.60 to 127.60): VV012061.D (-2146) (-)

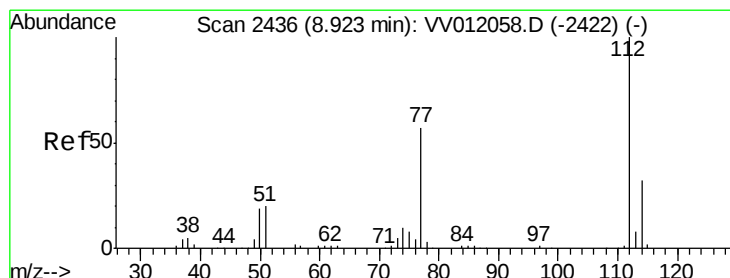
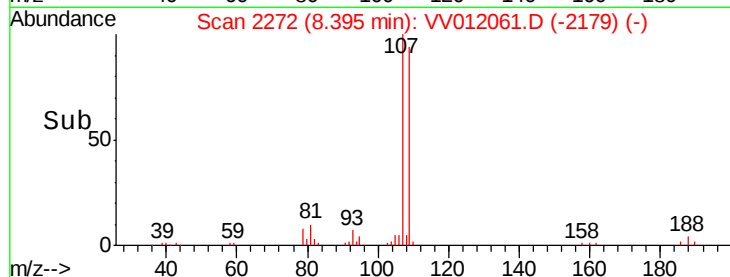
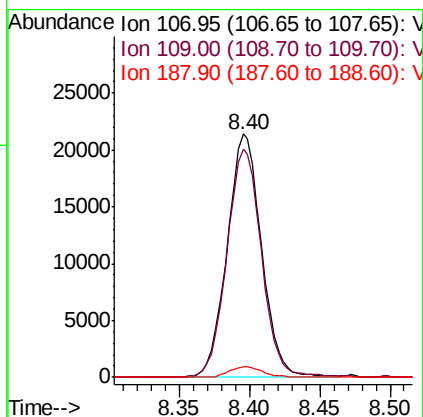
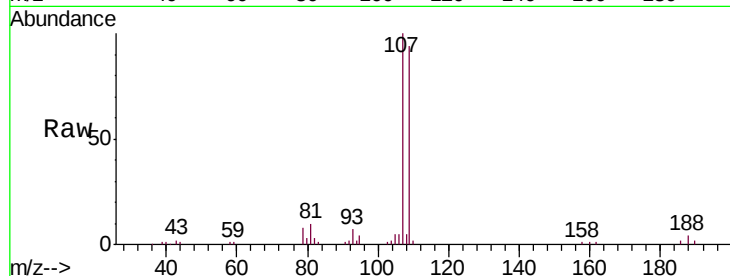




#50
1,2-Dibromoethane
Concen: 5.392 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

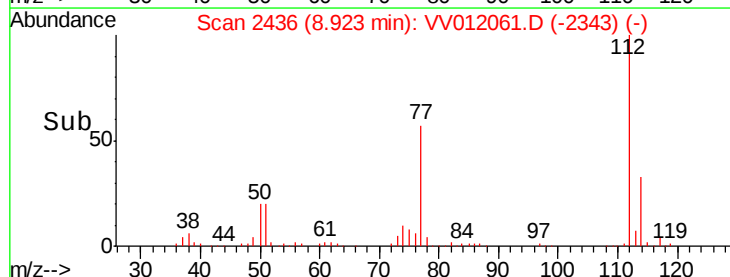
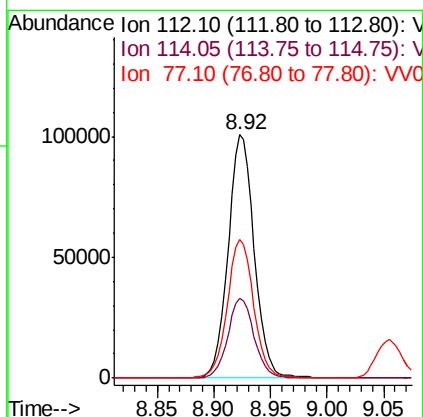
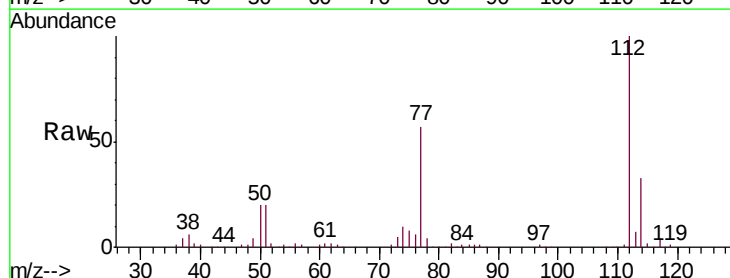
Instrument :
MSVOA_V
ClientSampled :
VICV005

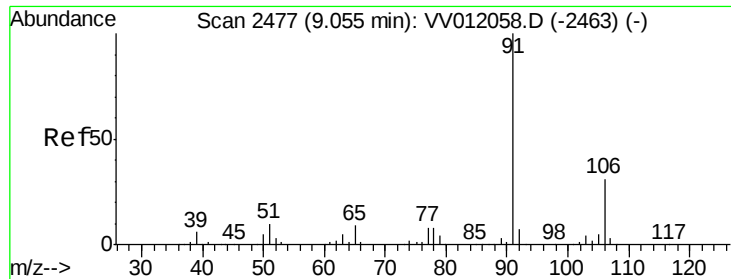
Tgt Ion:107 Resp: 36391
Ion Ratio Lower Upper
107 100
109 93.9 66.3 123.1
188 4.2 3.4 5.0



#51
Chlorobenzene
Concen: 5.310 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Tgt Ion:112 Resp: 161530
Ion Ratio Lower Upper
112 100
114 32.6 22.1 41.1
77 57.0 45.9 68.9





#52

Ethylbenzene

Concen: 5.503 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

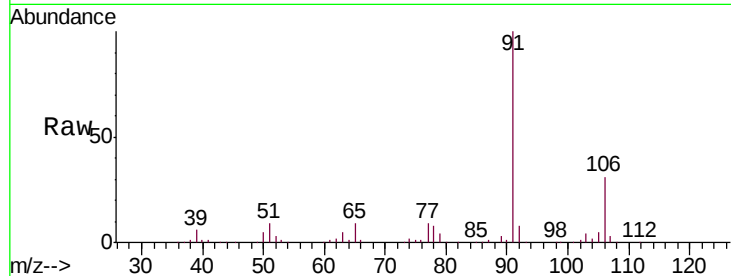
VICV005

Tgt Ion: 91 Resp: 285716

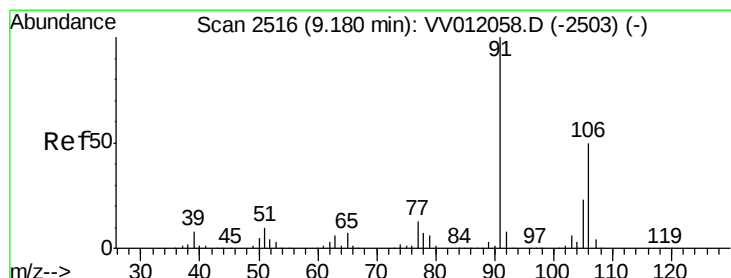
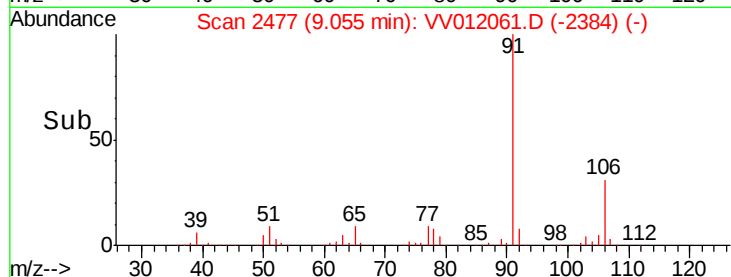
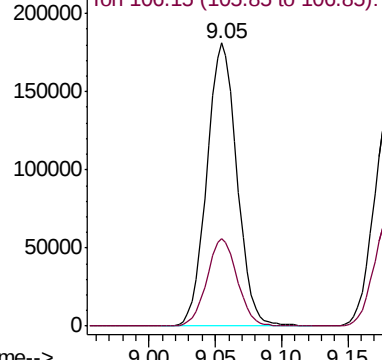
Ion Ratio Lower Upper

91 100

106 31.1 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VV012058.D (-2463) (-)



#53

m,p-xylene

Concen: 5.657 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV012061.D

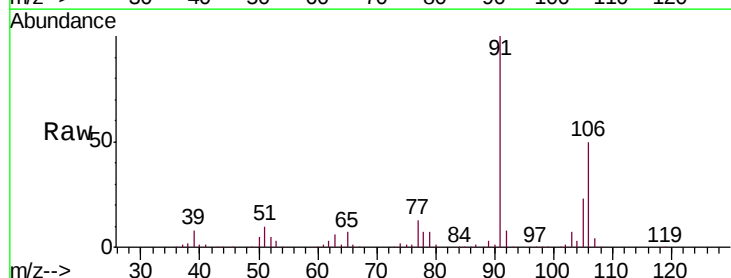
Acq: 29 Jul 2019 13:58

Tgt Ion: 106 Resp: 111802

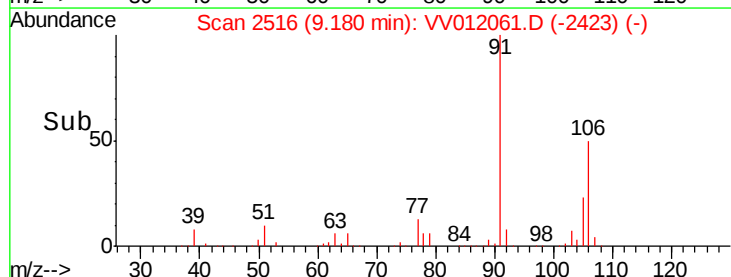
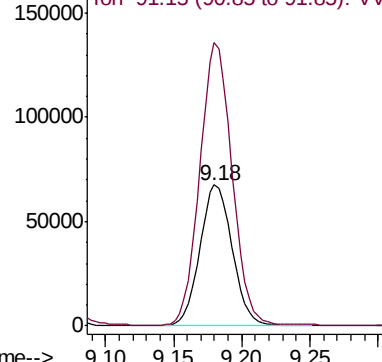
Ion Ratio Lower Upper

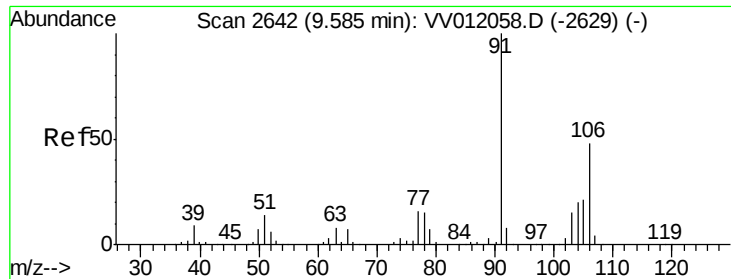
106 100

91 200.8 141.6 263.0



Abundance Ion 106.15 (105.85 to 106.85): VV012058.D (-2503) (-)





#54

o-xylene

Concen: 5.570 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

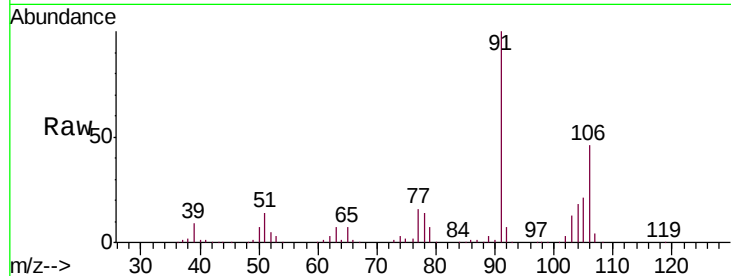
VICV005

Tgt Ion:106 Resp: 104188

Ion Ratio Lower Upper

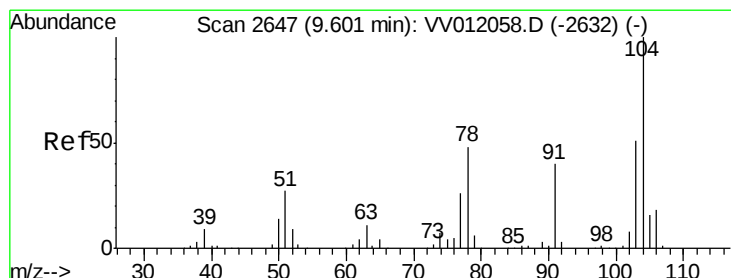
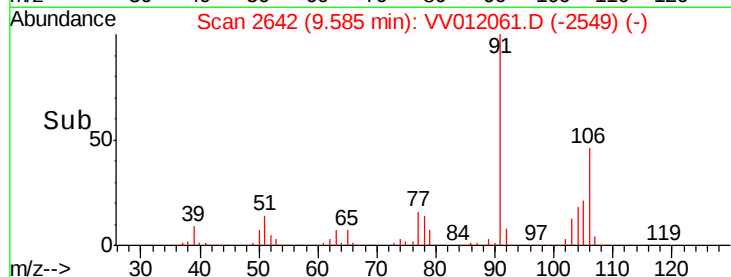
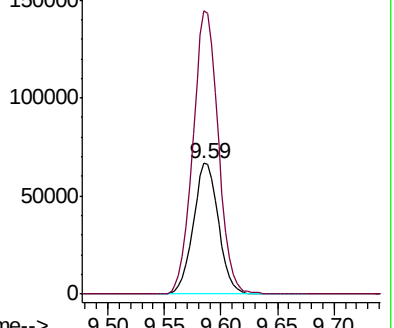
106 100

91 216.6 146.8 272.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.675 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV012061.D

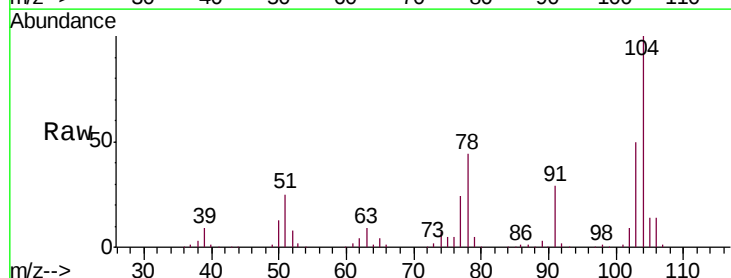
Acq: 29 Jul 2019 13:58

Tgt Ion:104 Resp: 178845

Ion Ratio Lower Upper

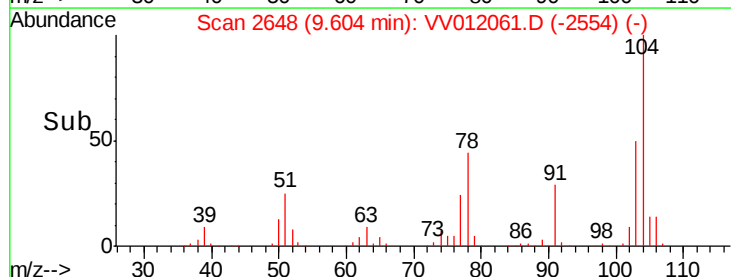
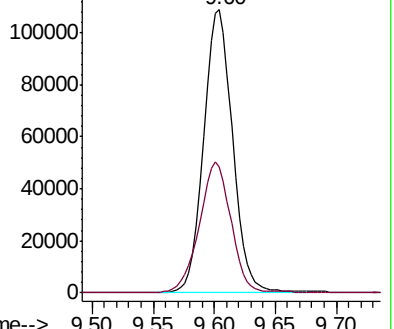
104 100

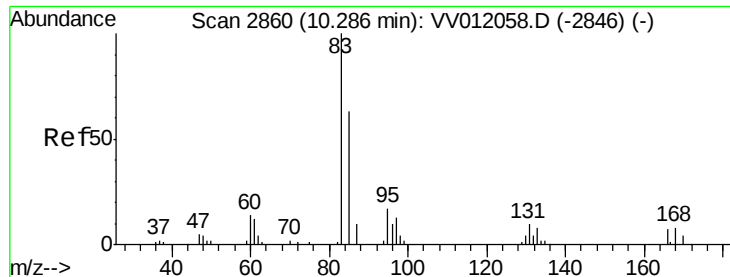
78 44.5 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

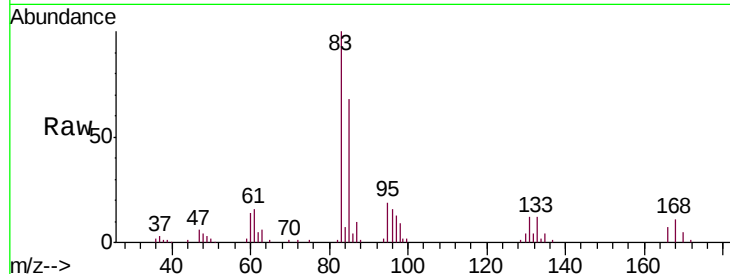




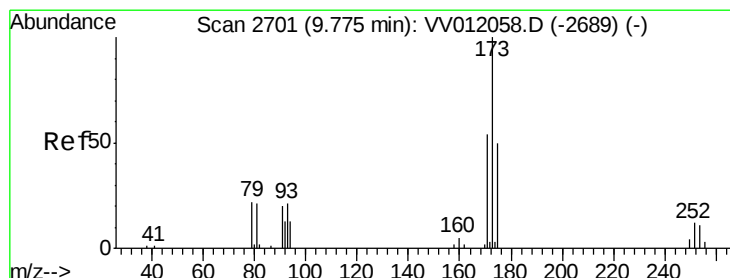
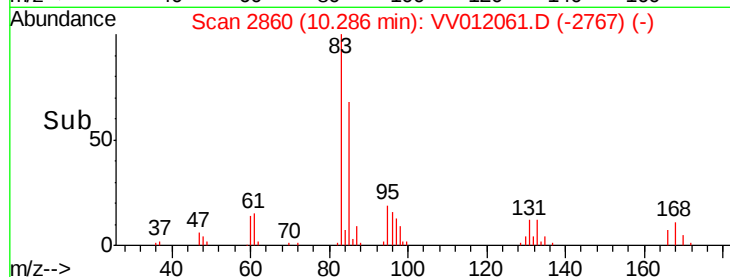
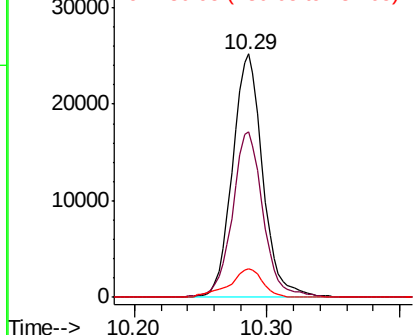
#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.145 ug/L
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

Tgt Ion: 83 Resp: 39870
 Ion Ratio Lower Upper
 83 100
 85 68.1 44.0 81.6
 131 11.8 8.3 12.5

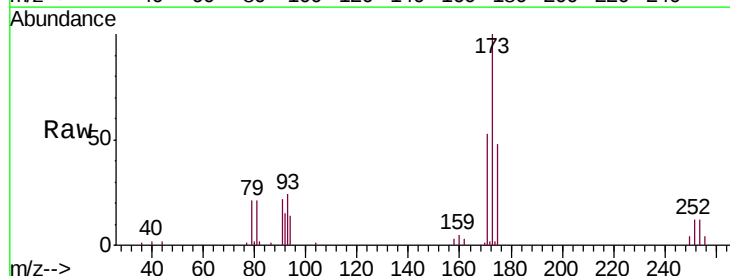


Abundance Ion 82.95 (82.65 to 83.65): VV012058.D (-2846) (-)
 Ion 85.00 (84.70 to 85.70): VV012058.D (-2846) (-)
 Ion 130.95 (130.65 to 131.65): VV012058.D (-2846) (-)

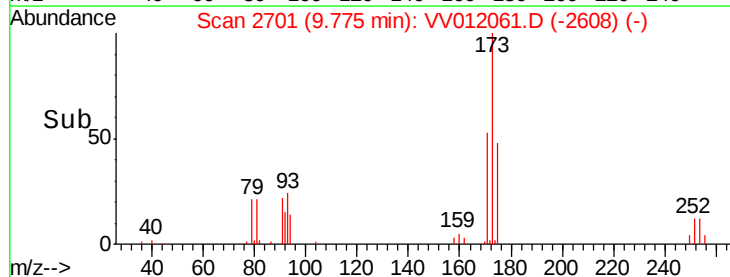
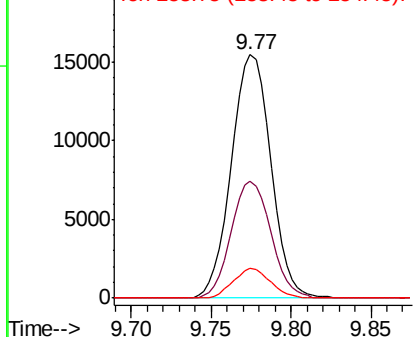


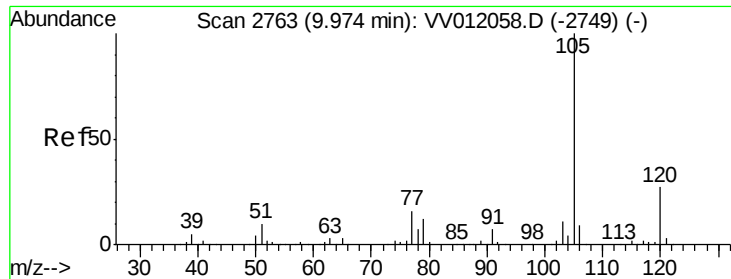
#59
 Bromoform
 Concen: 5.109 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion: 173 Resp: 26046
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.3 57.5
 254 11.4 8.6 13.0



Abundance Ion 172.90 (172.60 to 173.60): VV012058.D (-2689) (-)
 Ion 174.90 (174.60 to 175.60): VV012058.D (-2689) (-)
 Ion 253.75 (253.45 to 254.45): VV012058.D (-2689) (-)





#60

Isopropylbenzene

Concen: 5.383 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

Instrument :

MSVOA_V

ClientSampleId :

VICV005

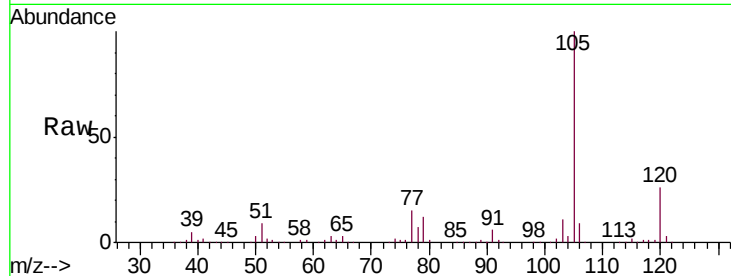
Tgt Ion: 105 Resp: 289992

Ion Ratio Lower Upper

105 100

120 26.5 21.5 32.3

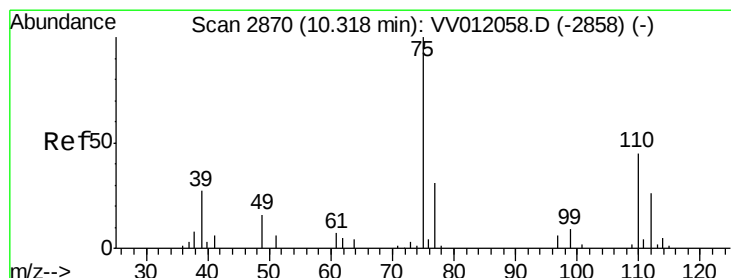
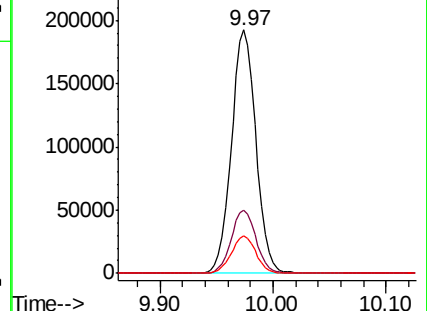
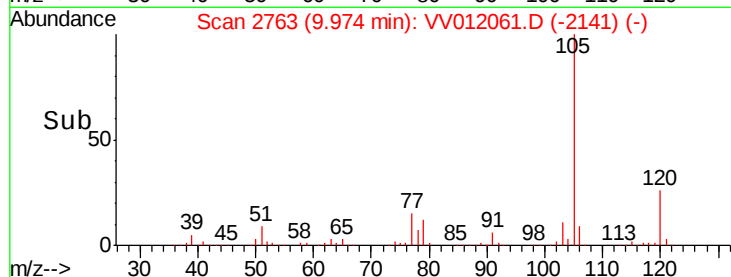
77 15.6 12.3 18.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 5.332 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VV012061.D

Acq: 29 Jul 2019 13:58

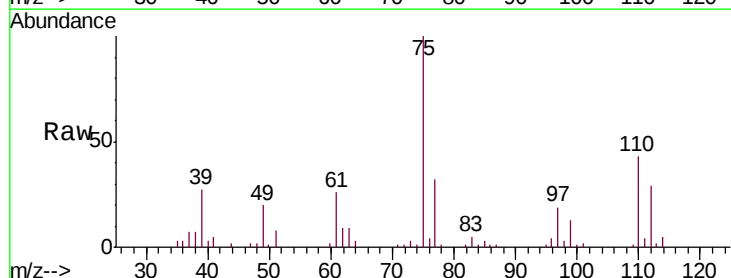
Tgt Ion: 75 Resp: 32773

Ion Ratio Lower Upper

75 100

77 31.7 26.8 40.2

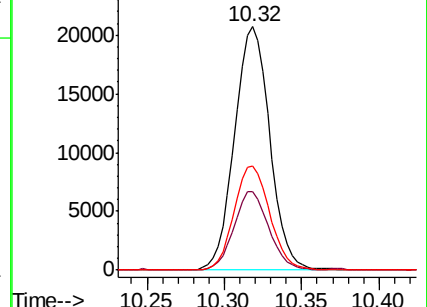
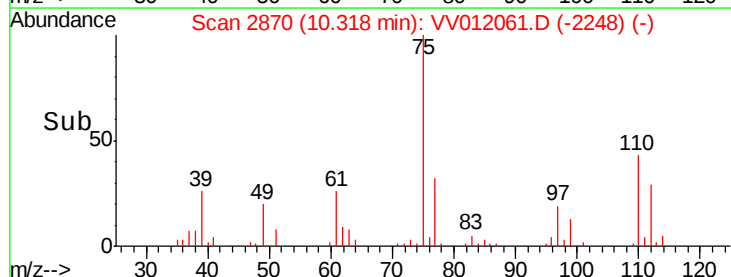
110 43.2 35.0 52.6

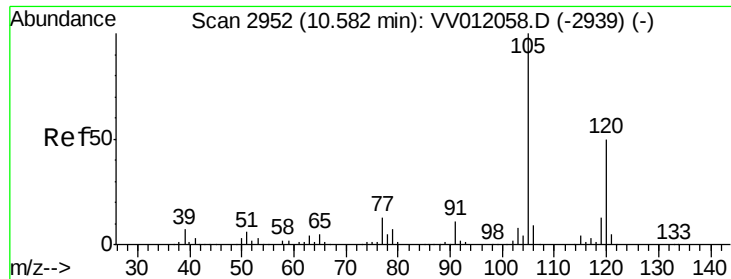


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V

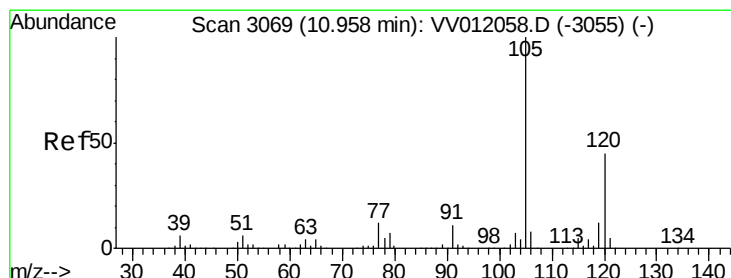
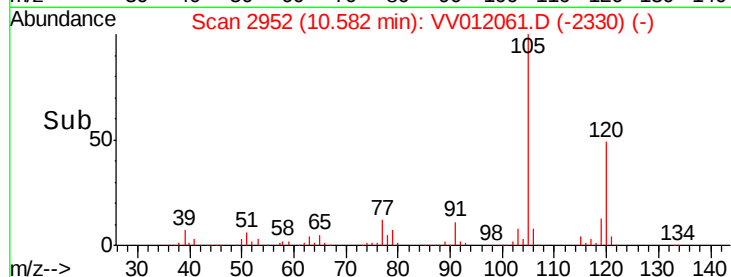
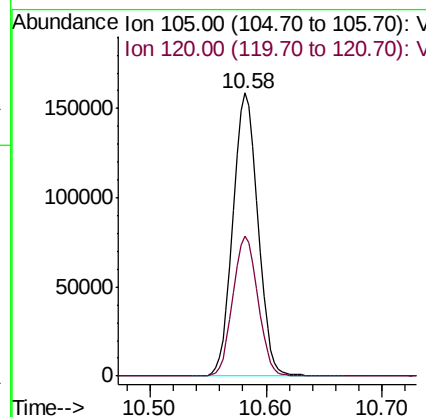
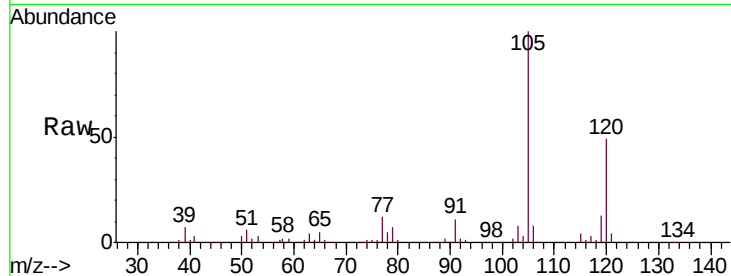




#62
 1,3,5-Trimethylbenzene
 Concen: 5.283 ug/L
 RT: 10.58 min Scan# 2952
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

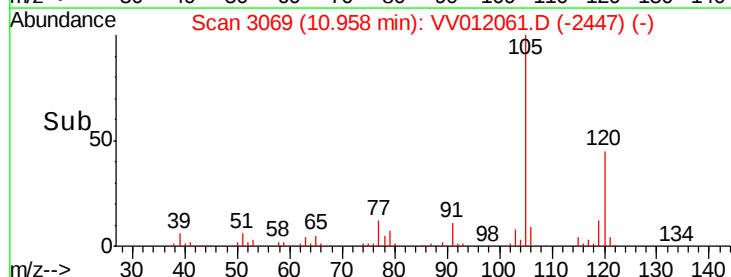
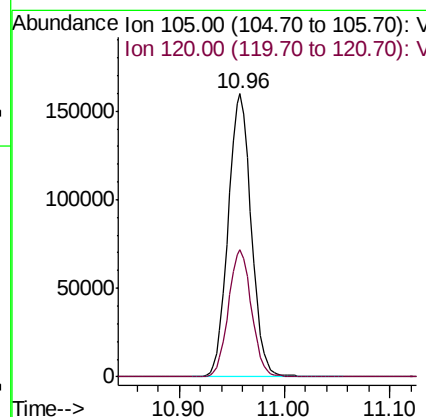
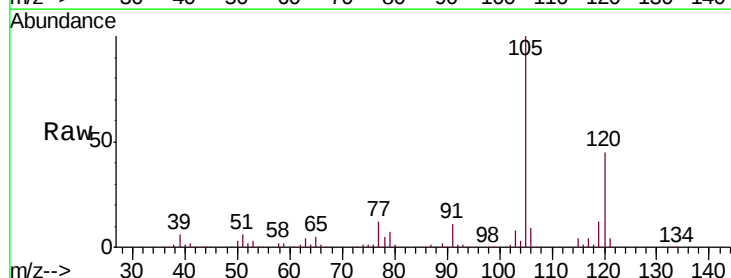
Instrument :
 MSVOA_V
 ClientSampled :
 VICV005

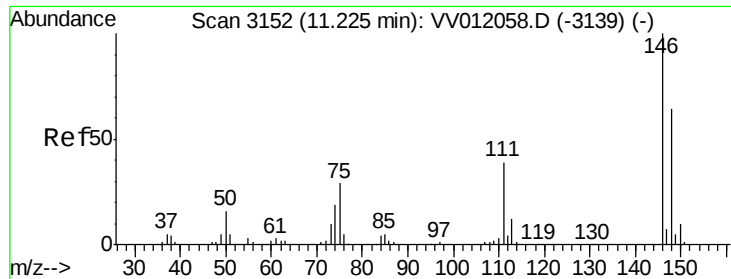
Tgt Ion:105 Resp: 235016
 Ion Ratio Lower Upper
 105 100
 120 49.6 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.467 ug/L
 RT: 10.96 min Scan# 3069
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion:105 Resp: 241616
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.8 53.8

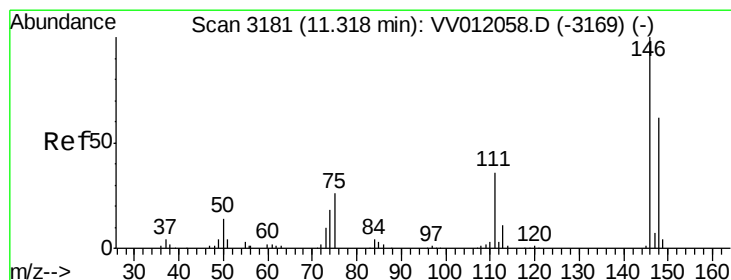
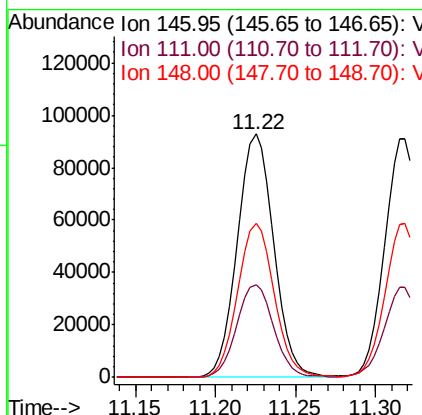
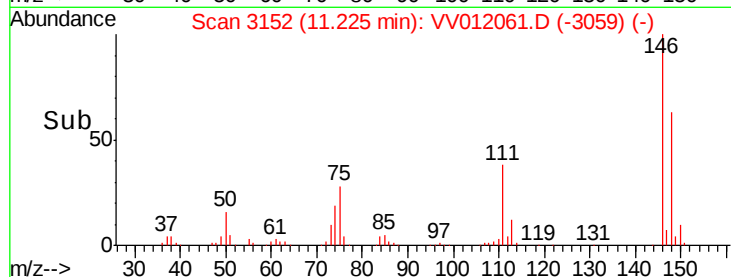
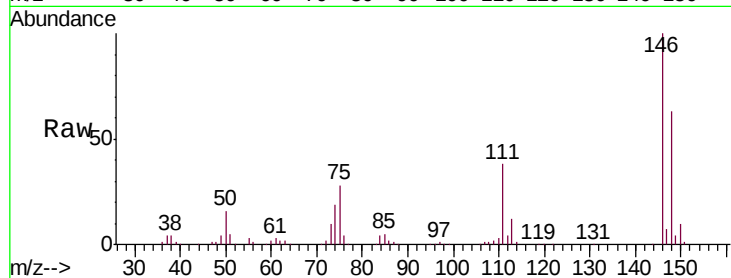




#64
 1,3-Dichlorobenzene
 Concen: 5.381 ug/L
 RT: 11.22 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

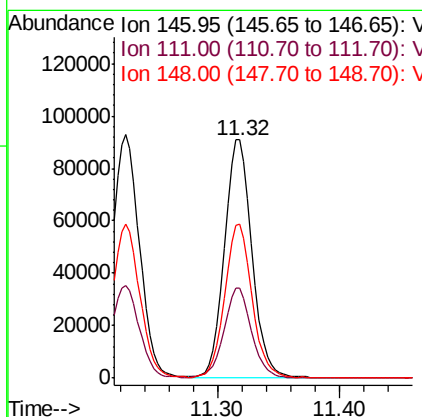
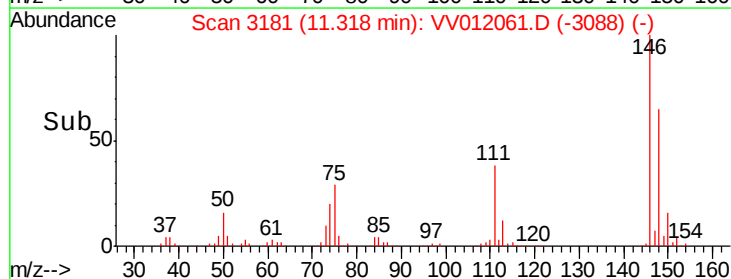
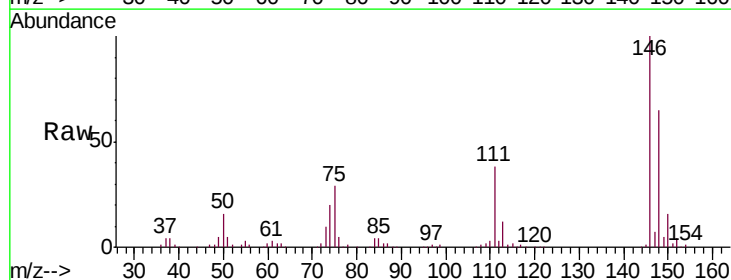
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

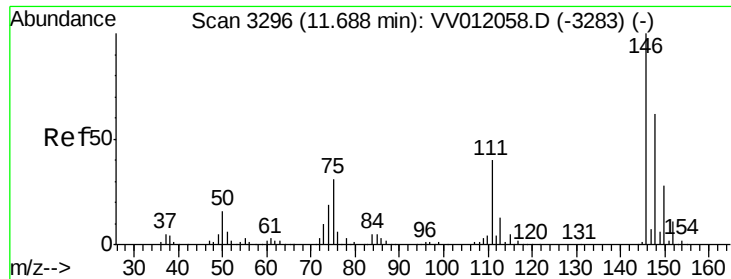
Tgt Ion:146 Resp: 144455
 Ion Ratio Lower Upper
 146 100
 111 38.1 27.2 50.6
 148 63.1 44.5 82.7



#65
 1,4-Dichlorobenzene
 Concen: 5.275 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion:146 Resp: 144307
 Ion Ratio Lower Upper
 146 100
 111 37.8 25.8 48.0
 148 64.8 43.8 81.3

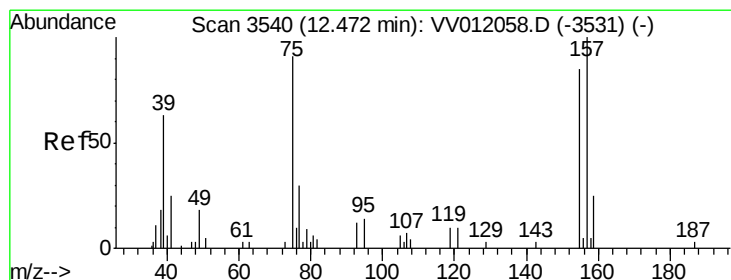
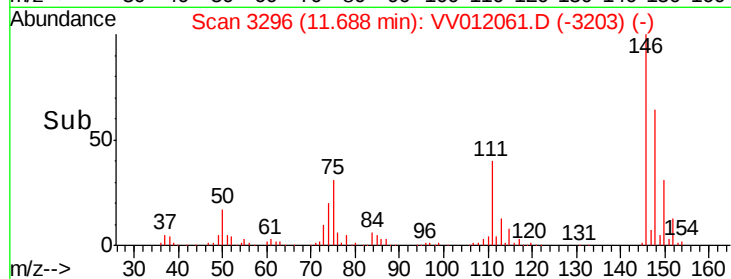
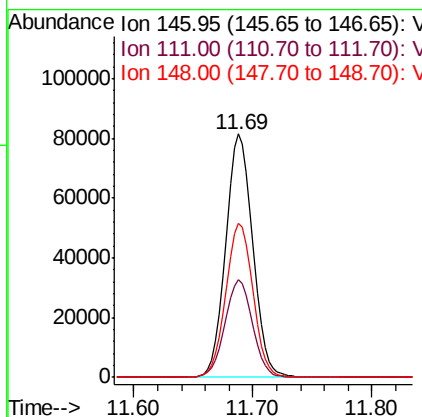
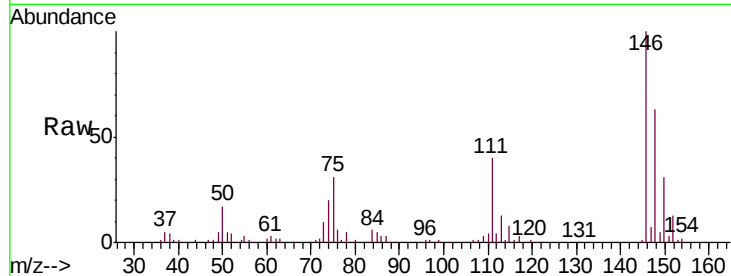




#67
 1,2-Dichlorobenzene
 Concen: 5.253 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

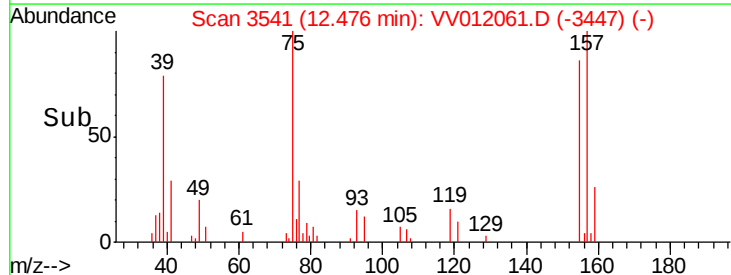
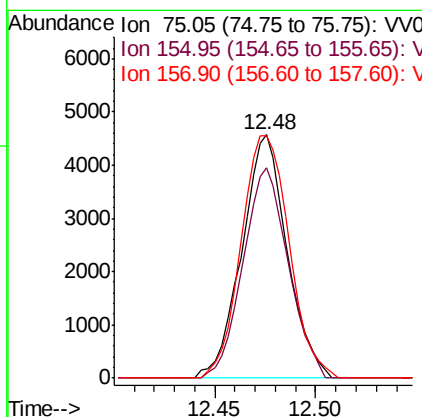
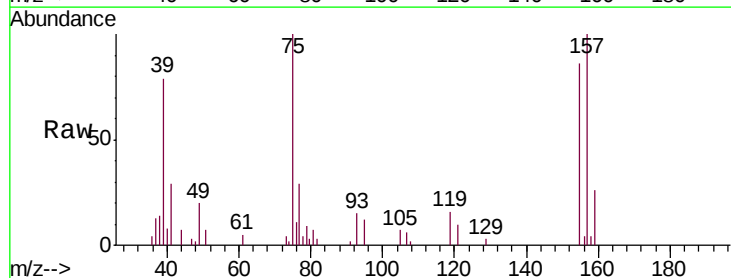
Instrument :
 MSVOA_V
 ClientSampled :
 VICV005

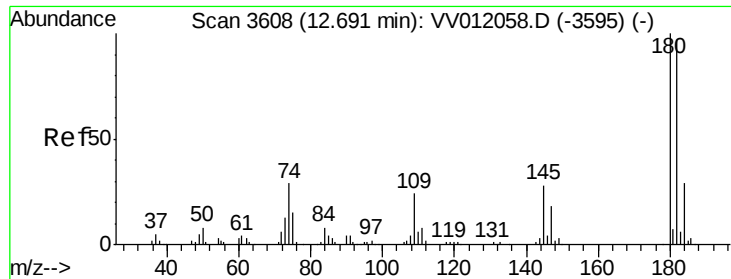
Tgt Ion: 146 Resp: 128143
 Ion Ratio Lower Upper
 146 100
 111 39.9 32.4 48.6
 148 63.5 49.4 74.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.664 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. 0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion: 75 Resp: 7178
 Ion Ratio Lower Upper
 75 100
 155 86.4 75.0 112.6
 157 99.8 87.8 131.6

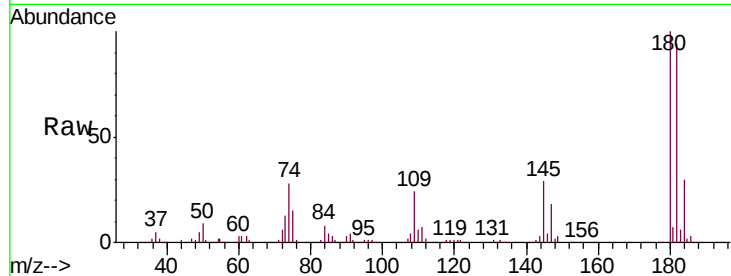




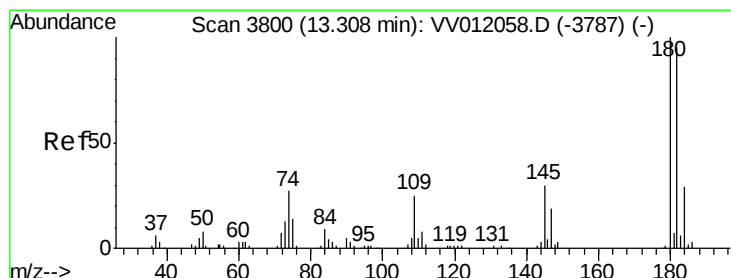
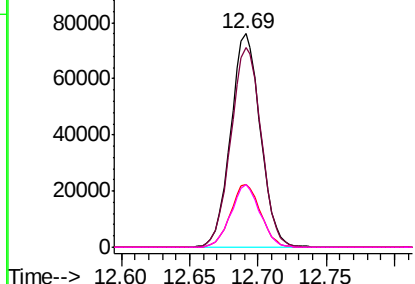
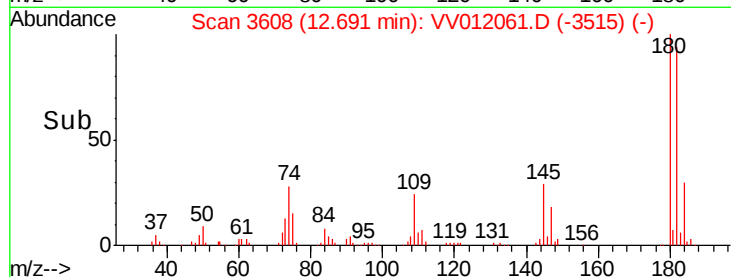
#69
 1,3,5-Trichlorobenzene
 Concen: 5.186 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV005

Tgt Ion:180 Resp: 115097
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.1 115.7
 184 29.7 24.6 36.8
 145 29.0 22.8 34.2

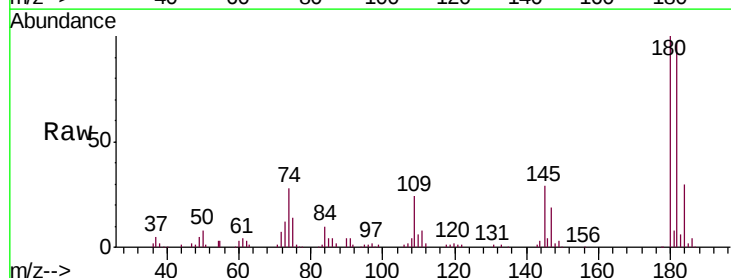


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

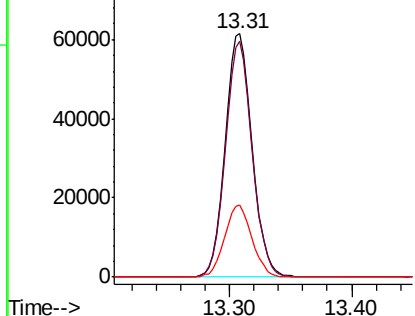
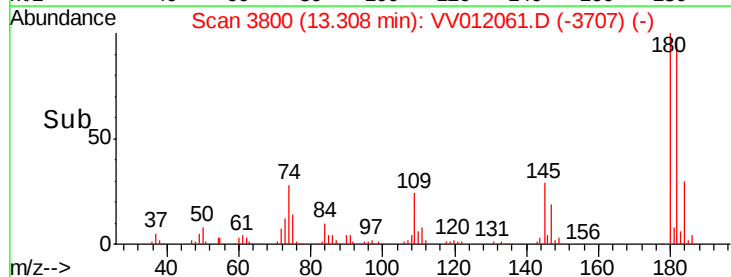


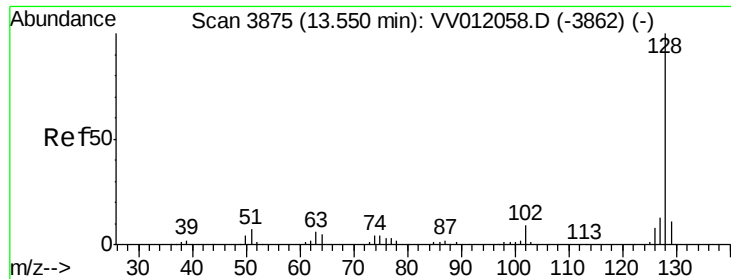
#70
 1,2,4-trichlorobenzene
 Concen: 5.427 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: VV012061.D
 Acq: 29 Jul 2019 13:58

Tgt Ion:180 Resp: 95316
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.1 114.1
 145 29.8 24.3 36.5



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

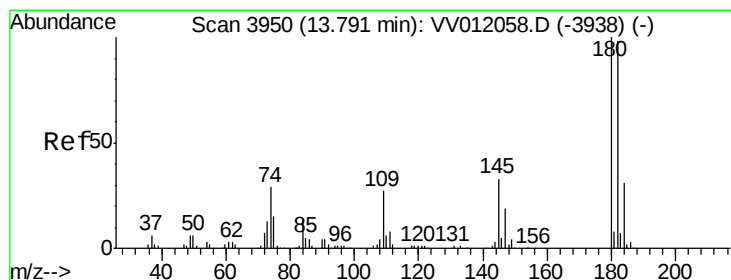
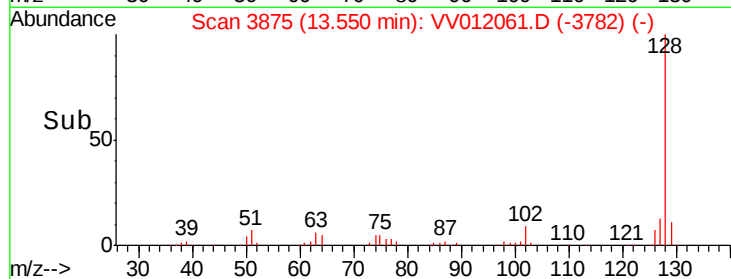
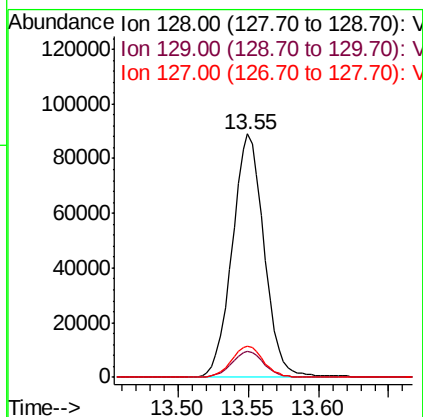
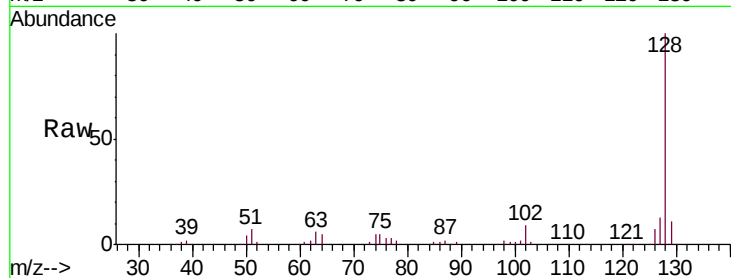




#71
Naphthalene
Concen: 5.777 ug/L
RT: 13.55 min Scan# 3875
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Instrument :
MSVOA_V
ClientSampleId :
VICV005

Tgt Ion:128 Resp: 140795
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.544 ug/L
RT: 13.79 min Scan# 3950
Delta R.T. -0.00 min
Lab File: VV012061.D
Acq: 29 Jul 2019 13:58

Tgt Ion:180 Resp: 86311
Ion Ratio Lower Upper
180 100
182 95.6 78.5 117.7
145 32.5 25.8 38.8

