

Data File : VV012507.D
Acq On : 01 Sep 2019 13:48
Operator : SY/MD
Sample : VSTDICV050
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV61

Quant Time: Sep 02 04:22:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	361201	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	344355	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	165487	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111831	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.62%
7) Chloroethane-d5	1.58	69	121378	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.42%
11) 1,1-Dichloroethene-d2	2.13	63	302646	46.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.10%
21) 2-Butanone-d5	3.93	46	199135	99.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.06%
24) Chloroform-d	4.40	84	237067	47.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.08	65	155494	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.10	84	410844	50.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.78%
36) 1,2-Dichloropropane-d6	6.12	67	145930	49.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.86%
41) Toluene-d8	7.36	98	391221	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	7.66	79	66192	50.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.14%
47) 2-Hexanone-d5	8.13	63	117056	101.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	207736	49.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.90%
64) 1,2-Dichlorobenzene-d4	11.67	152	156863	48.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.82%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	136108	45.370	ug/L	100
3) Chloromethane	1.25	50	175462	45.932	ug/L	99
5) Vinyl chloride	1.32	62	185974	46.439	ug/L	99
6) Bromomethane	1.53	94	155228	46.864	ug/L	99
8) Chloroethane	1.60	64	130884	44.317	ug/L	100
9) Trichlorofluoromethane	1.77	101	272061	45.674	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	155837	44.753	ug/L	100
12) 1,1-Dichloroethene	2.14	96	146683	44.154	ug/L	97
13) Acetone	2.19	43	160614	75.080	ug/L	99
14) Carbon disulfide	2.32	76	341448	47.583	ug/L	99
15) Methyl Acetate	2.46	43	150871	47.250	ug/L	99
16) Methylene chloride	2.54	84	133139	45.856	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	120218	46.518	ug/L	100
18) Methyl tert-butyl Ether	2.80	73	385706	48.754	ug/L	99
19) 1,1-Dichloroethane	3.23	63	243096	46.629	ug/L	98
22) 2-Butanone	4.02	43	208099	87.141	ug/L	98
23) Bromochloromethane	4.30	128	64472	45.577	ug/L	95

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Quant Title : VOC Analysis
QLast Update : Mon Sep 02 04:16:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.43	83	244825	45.705	ug/L	98
27) 1,2-Dichloroethane	5.18	62	212149	47.353	ug/L	98
29) Cyclohexane	4.73	56	217753	51.122	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	198814	48.098	ug/L	99
31) Carbon tetrachloride	4.88	117	172668	48.262	ug/L	98
33) Benzene	5.15	78	521450	48.273	ug/L	100
34) Trichloroethene	5.96	95	138831	47.595	ug/L	95
35) Methylcyclohexane	6.18	83	215090	50.508	ug/L	99
37) 1,2-Dichloropropane	6.22	63	139939	47.340	ug/L	99
38) Bromodichloromethane	6.55	83	184547	47.697	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	216179	52.069	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	416603	102.815	ug/L	99
42) Toluene	7.43	91	559141	49.545	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	191457	51.660	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	126617	47.140	ug/L	98
46) Tetrachloroethene	8.02	164	94863	47.727	ug/L	99
48) 2-Hexanone	8.18	43	335303	106.295	ug/L	98
49) Dibromochloromethane	8.29	129	133111	48.320	ug/L	98
50) 1,2-Dibromoethane	8.40	107	132587	49.330	ug/L	100
51) Chlorobenzene	8.92	112	340807	47.737	ug/L	100
52) Ethylbenzene	9.05	91	615914	50.154	ug/L	99
53) m,p-Xylene	9.18	106	222232	50.608	ug/L	96
54) o-xylene	9.59	106	221941	51.660	ug/L	99
55) Styrene	9.60	104	382958	52.075	ug/L	98
56) Isopropylbenzene	9.97	105	586780	51.211	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	196000	48.388	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	165053	46.900	ug/L	99
61) Bromoform	9.77	173	85532	46.077	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	257960	49.583	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	259632	47.891	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	257369	48.106	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	42317	44.840	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	179082	51.046	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	150957	54.864	ug/L	96
69) Naphthalene	13.55	128	485737	60.696	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	161117	56.200	ug/L	100

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

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Instrument :
MSVOA_V
ClientSampleId :
VICV61

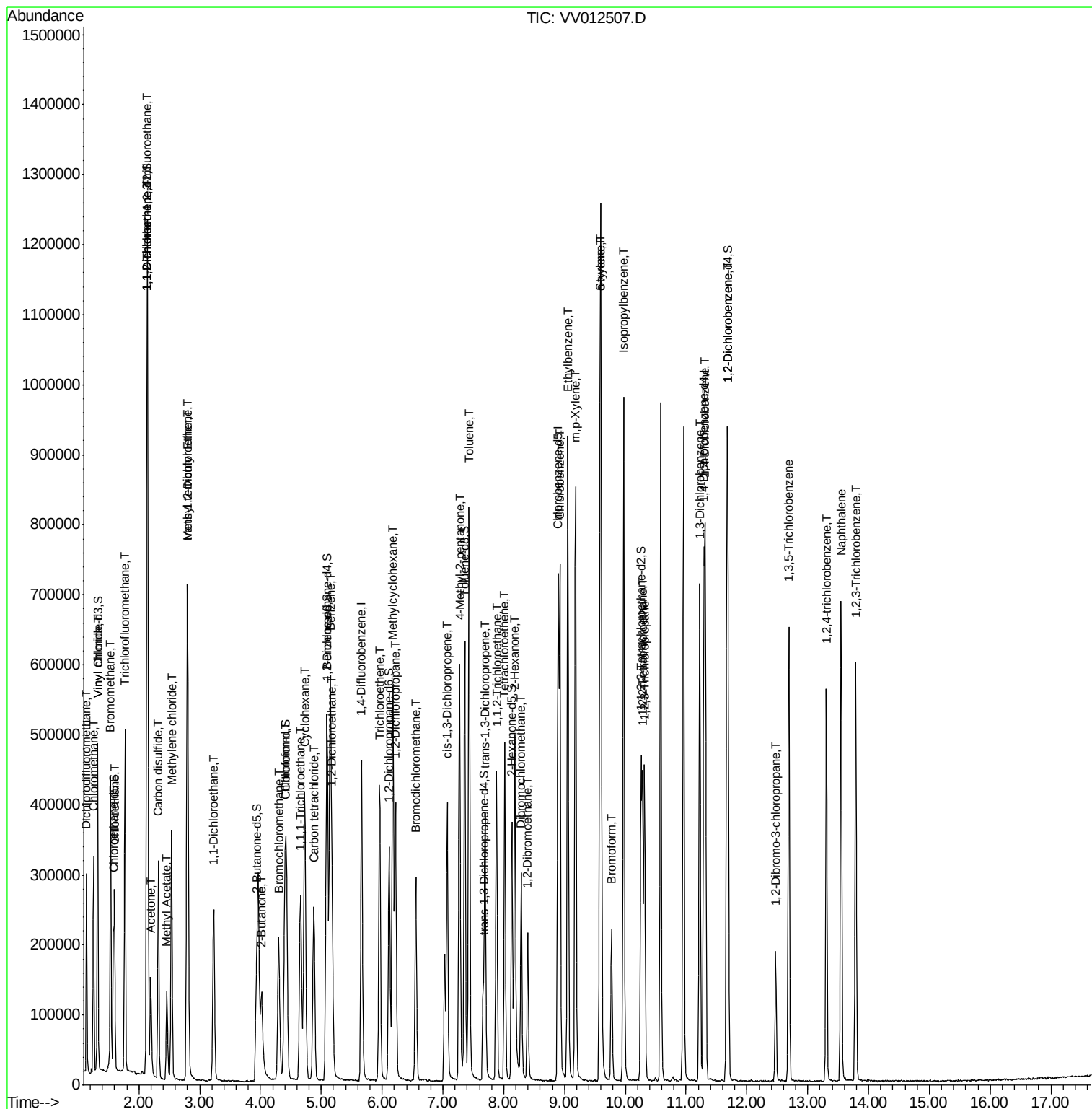
Quant Time: Sep 02 04:22:06 2019

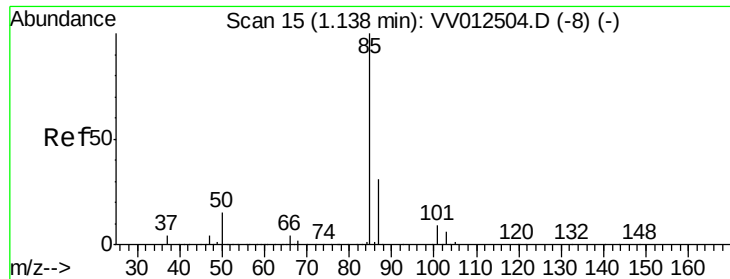
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVLM090119WMA.M

Quant Title : VOC Analysis

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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 45.370 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

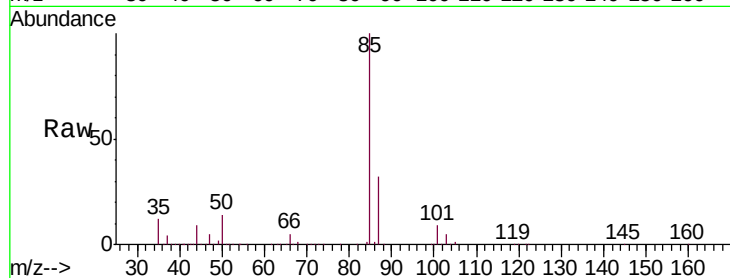
VICV61

Tgt Ion: 85 Resp: 136108

Ion Ratio Lower Upper

85 100

87 32.0 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV012507.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV012507.D (-1) (-)

1.14

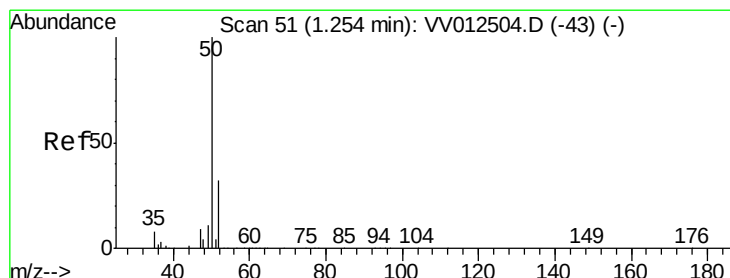
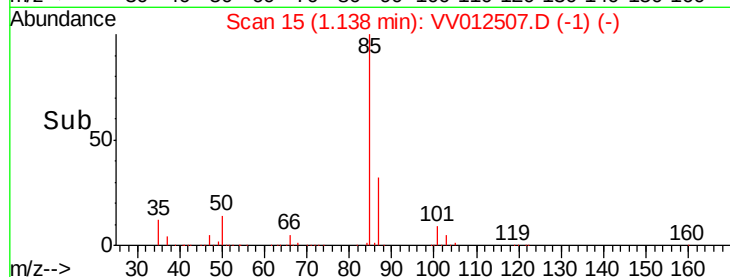
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 45.932 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012507.D

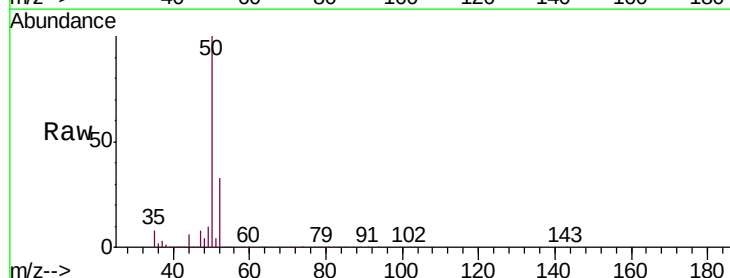
Acq: 01 Sep 2019 13:48

Tgt Ion: 50 Resp: 175462

Ion Ratio Lower Upper

50 100

52 32.6 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VV012507.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VV012507.D (-1) (-)

1.25

200000

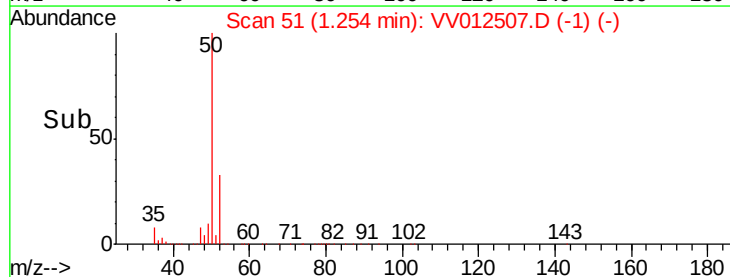
150000

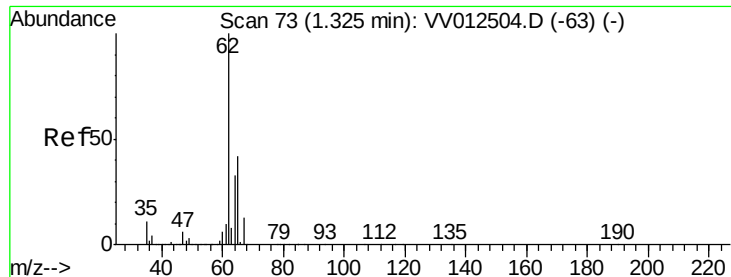
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 46.439 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

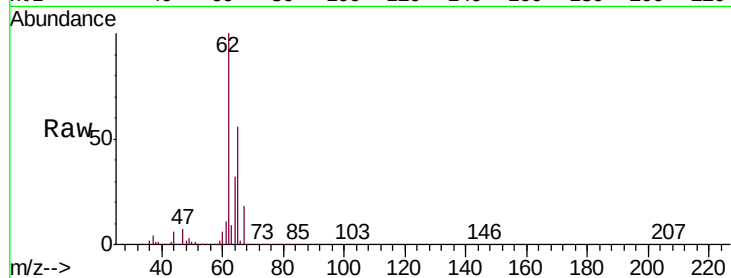
VICV61

Tgt Ion: 62 Resp: 185974

Ion Ratio Lower Upper

62 100

64 32.4 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV012507.D (-63) (-)

Ion 64.00 (63.70 to 64.70): VV012507.D (-63) (-)

1.32

200000

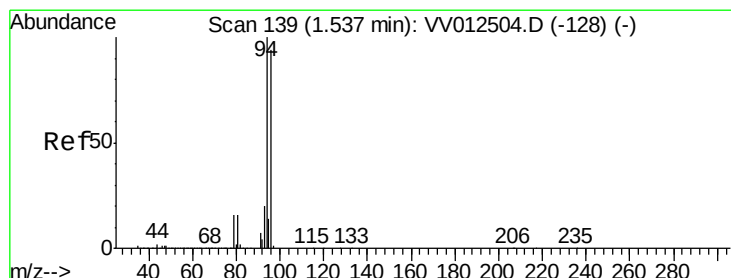
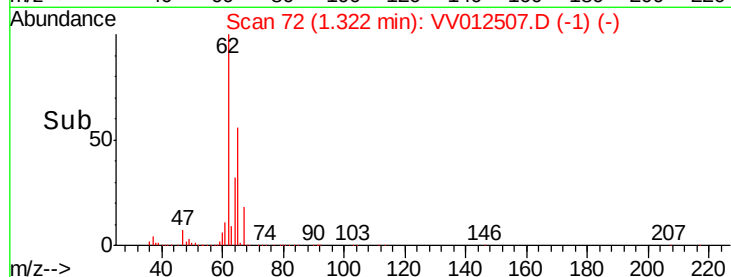
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 46.864 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV012507.D

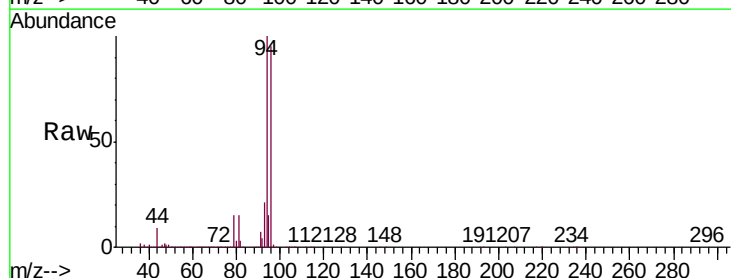
Acq: 01 Sep 2019 13:48

Tgt Ion: 94 Resp: 155228

Ion Ratio Lower Upper

94 100

96 94.8 65.9 122.5



Abundance Ion 94.00 (93.70 to 94.70): VV012507.D (-128) (-)

Ion 96.00 (95.70 to 96.70): VV012507.D (-128) (-)

1.53

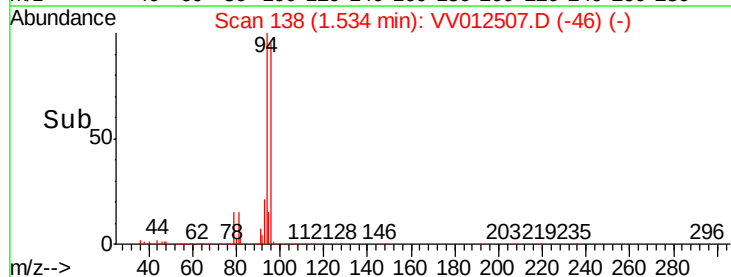
150000

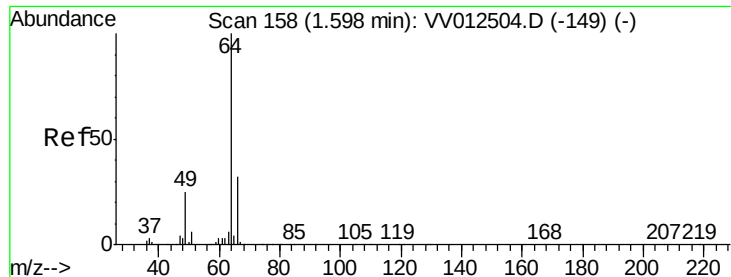
100000

50000

0

Time--> 1.50 1.55 1.60





#8

Chloroethane

Concen: 44.317 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

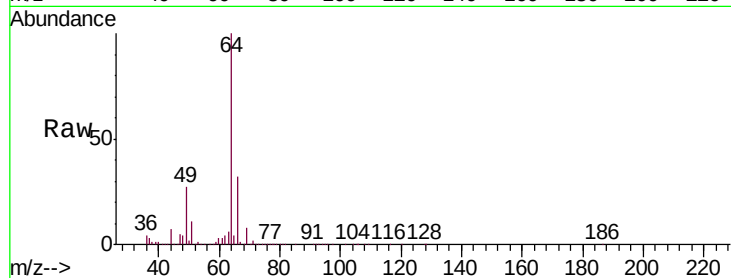
VICV61

Tgt Ion: 64 Resp: 130884

Ion Ratio Lower Upper

64 100

66 32.0 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VV012507.D (-149) (-)

Ion 66.00 (65.70 to 66.70): VV012507.D (-149) (-)

1.60

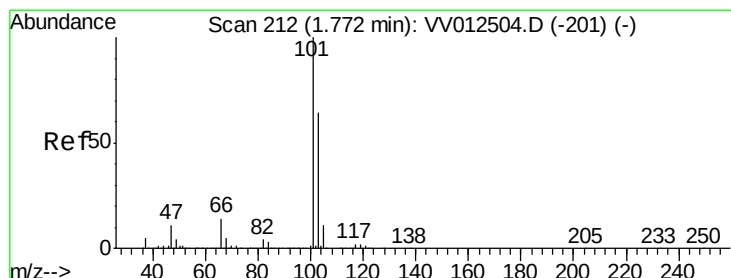
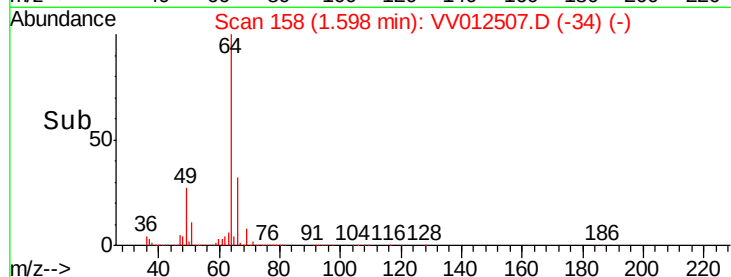
100000

50000

0

1.55 1.60 1.65

Time-->



#9

Trichlorofluoromethane

Concen: 45.674 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.00 min

Lab File: VV012507.D

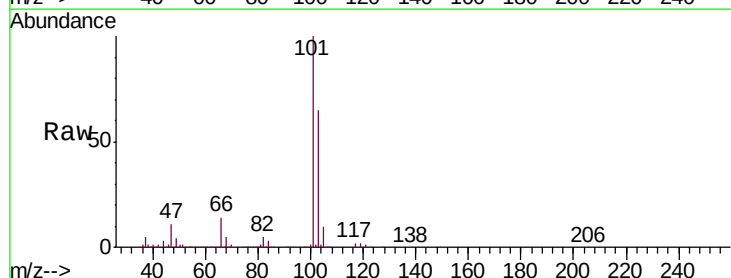
Acq: 01 Sep 2019 13:48

Tgt Ion: 101 Resp: 272061

Ion Ratio Lower Upper

101 100

103 64.5 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): VV012507.D (-201) (-)

Ion 103.00 (102.70 to 103.70): VV012507.D (-201) (-)

1.77

250000

200000

150000

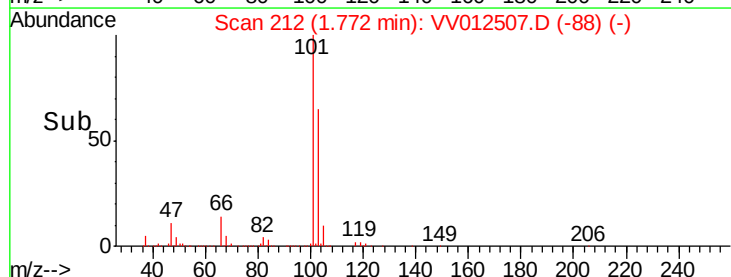
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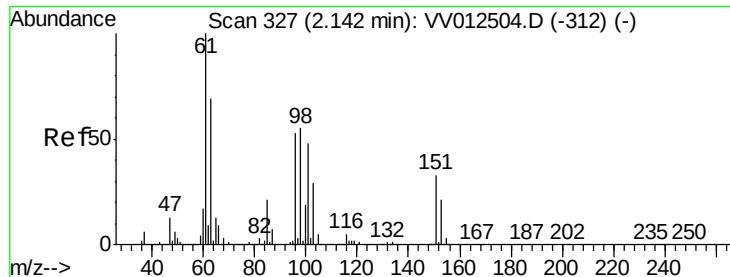
50000

0

1.70 1.75 1.80 1.85

Time-->





#10

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

Concen: 44.753 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

VICV61

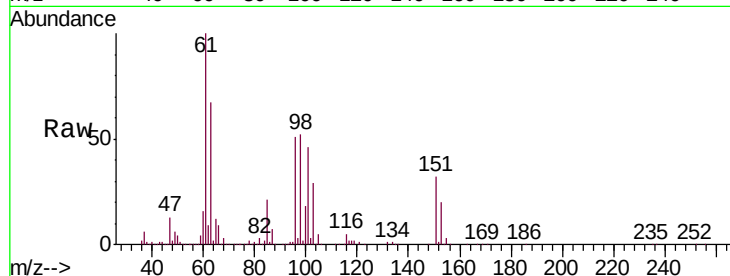
Tgt Ion: 101 Resp: 155837

Ion Ratio Lower Upper

101 100

85 45.3 36.2 54.2

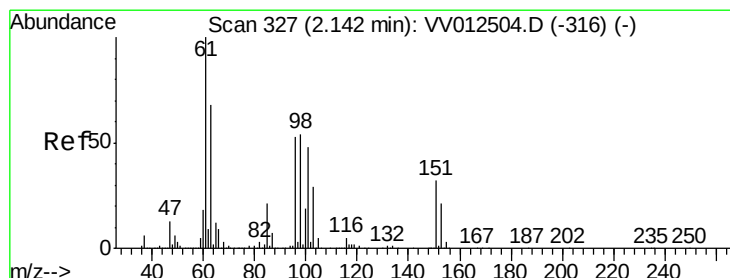
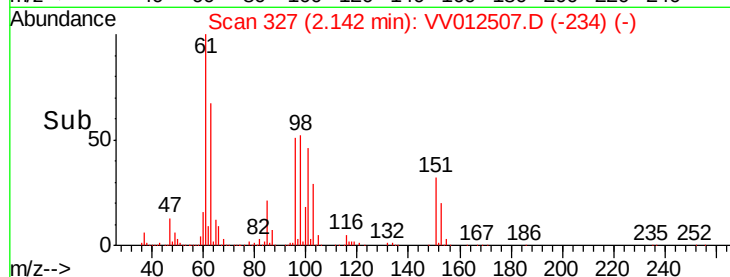
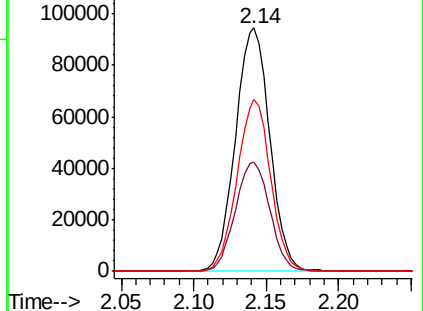
151 68.9 54.8 82.2



Abundance Ion 101.00 (100.70 to 101.70): VV012507.D (-234) (-)

Ion 85.00 (84.70 to 85.70): VV012507.D (-234) (-)

Ion 151.00 (150.70 to 151.70): VV012507.D (-234) (-)



#12

1,1-Dichloroethene

Concen: 44.154 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

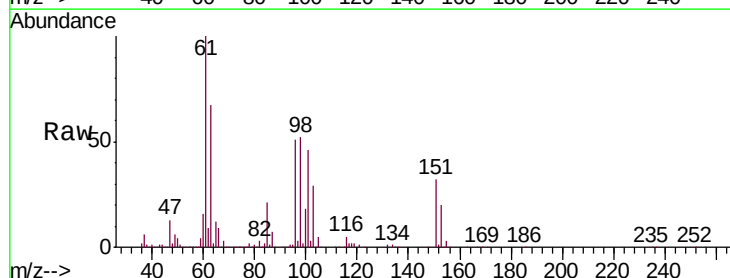
Tgt Ion: 96 Resp: 146683

Ion Ratio Lower Upper

96 100

61 194.9 132.4 246.0

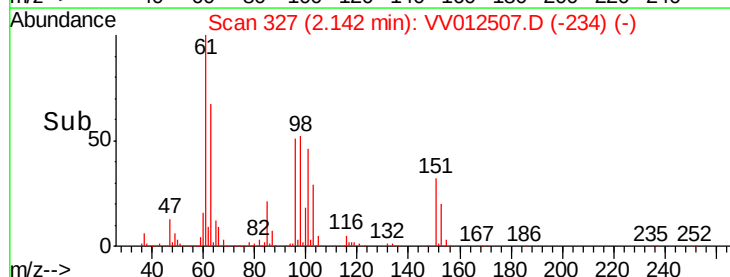
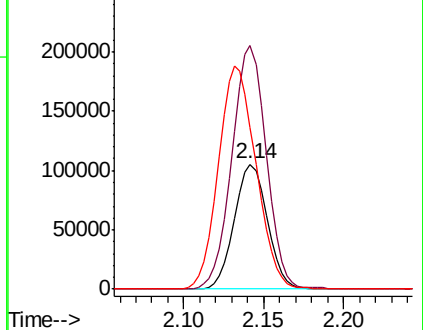
63 129.7 92.0 170.9

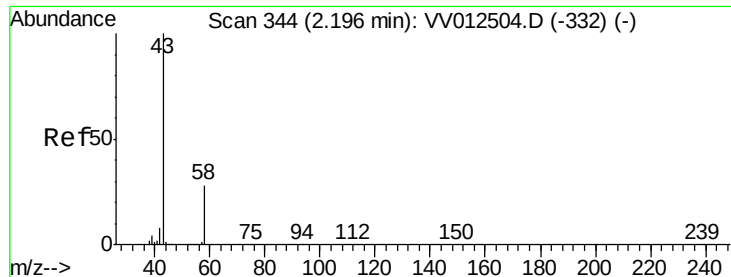


Abundance Ion 96.00 (95.70 to 96.70): VV012507.D (-234) (-)

Ion 61.00 (60.70 to 61.70): VV012507.D (-234) (-)

Ion 63.00 (62.70 to 63.70): VV012507.D (-234) (-)





#13

Acetone

Concen: 75.080 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

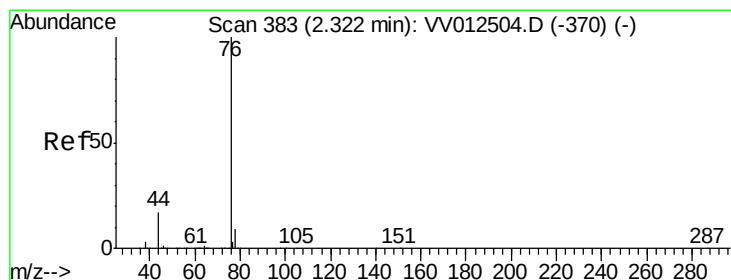
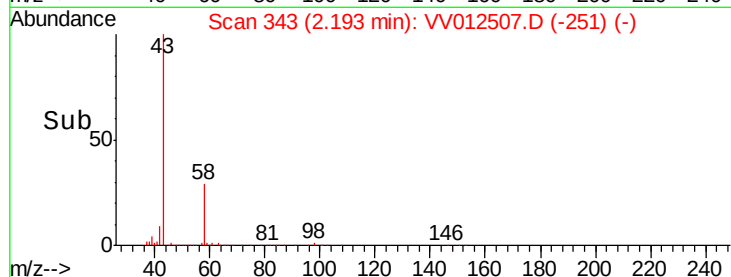
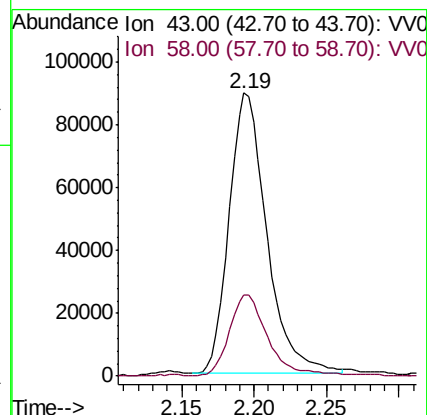
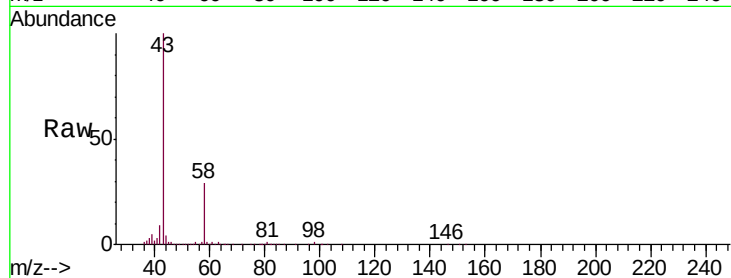
VICV61

Tgt Ion: 43 Resp: 160614

Ion Ratio Lower Upper

43 100

58 29.6 0.0 57.6



#14

Carbon disulfide

Concen: 47.583 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV012507.D

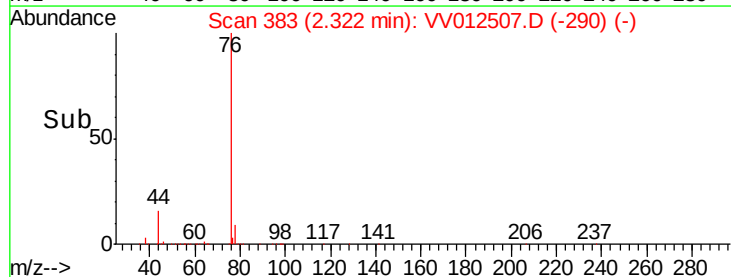
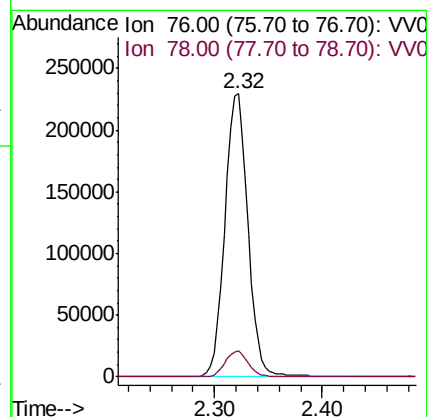
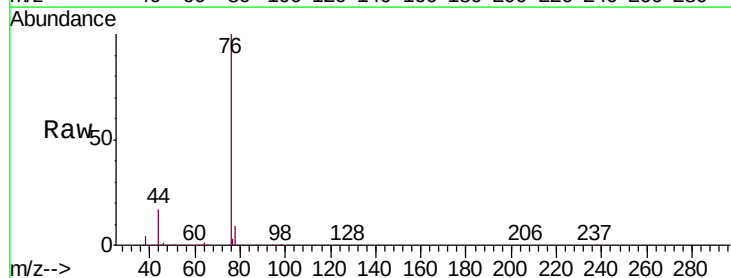
Acq: 01 Sep 2019 13:48

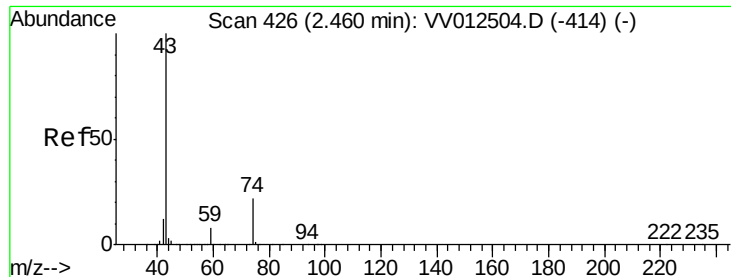
Tgt Ion: 76 Resp: 341448

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

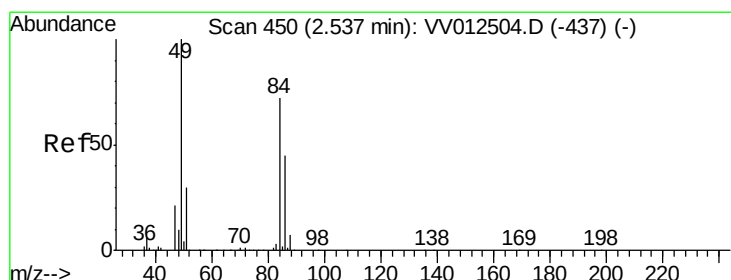
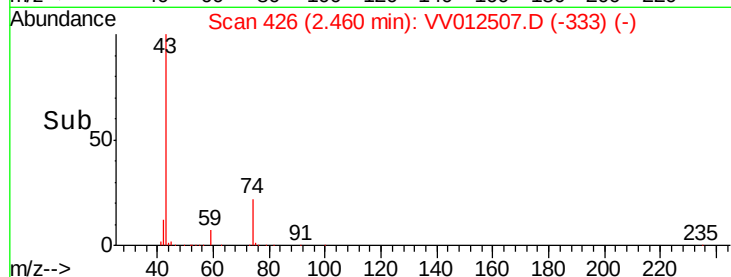
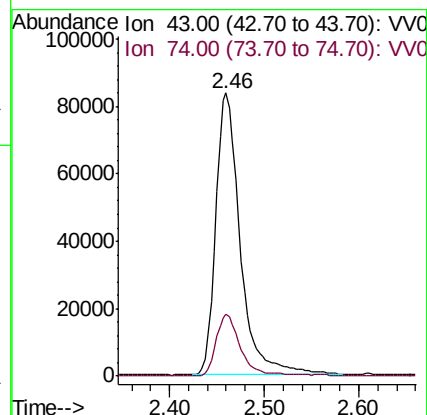
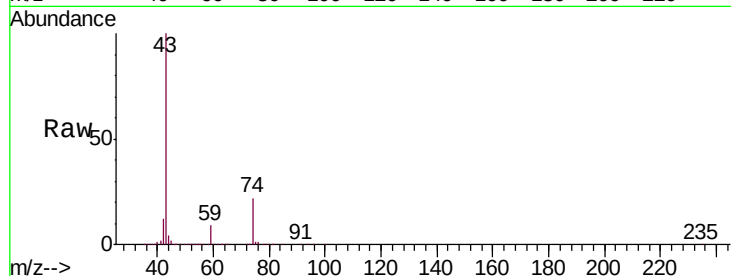




#15
Methyl Acetate
Concen: 47.250 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV012507.D
Acq: 01 Sep 2019 13:48

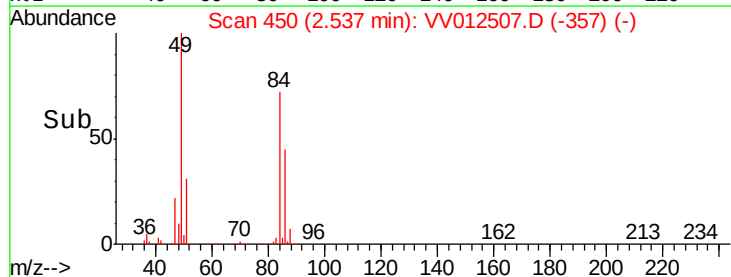
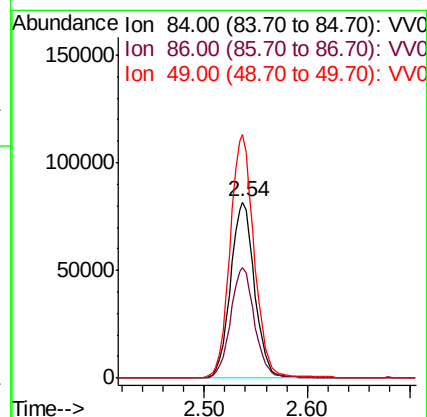
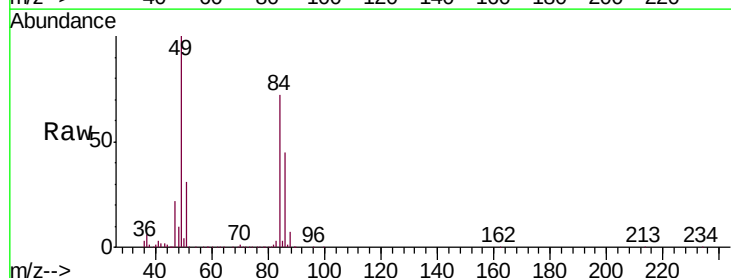
Instrument :
MSVOA_V
ClientSampleId :
VICV61

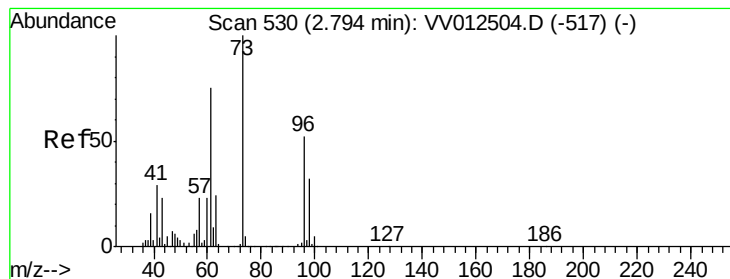
Tgt Ion: 43 Resp: 150871
Ion Ratio Lower Upper
43 100
74 22.2 18.0 27.0



#16
Methylene chloride
Concen: 45.856 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012507.D
Acq: 01 Sep 2019 13:48

Tgt Ion: 84 Resp: 133139
Ion Ratio Lower Upper
84 100
86 62.8 43.5 80.7
49 138.2 97.3 180.7





#17

trans-1,2-Dichloroethene

Concen: 46.518 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

VICV61

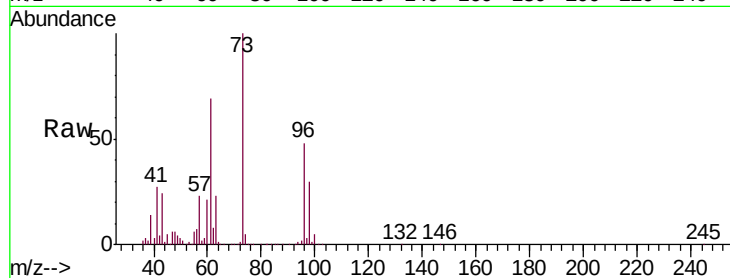
Tgt Ion: 96 Resp: 120218

Ion Ratio Lower Upper

96 100

61 144.6 101.4 188.2

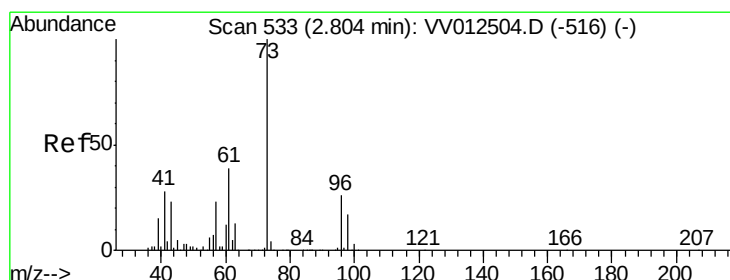
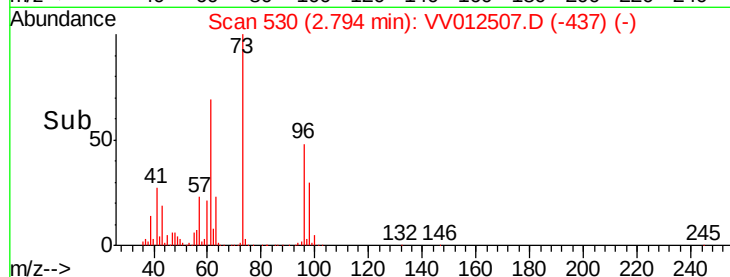
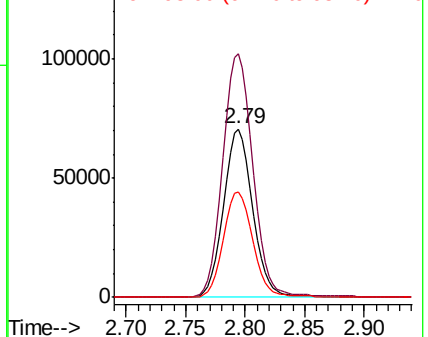
98 62.9 43.3 80.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 48.754 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

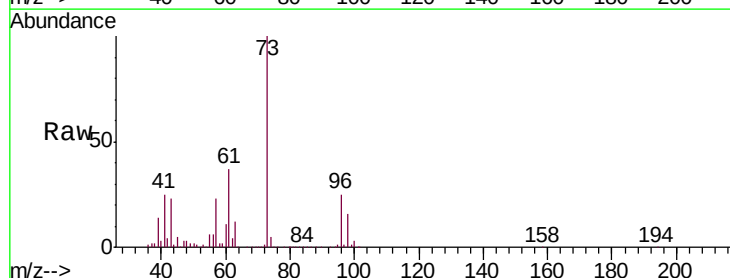
Tgt Ion: 73 Resp: 385706

Ion Ratio Lower Upper

73 100

43 22.4 18.1 27.1

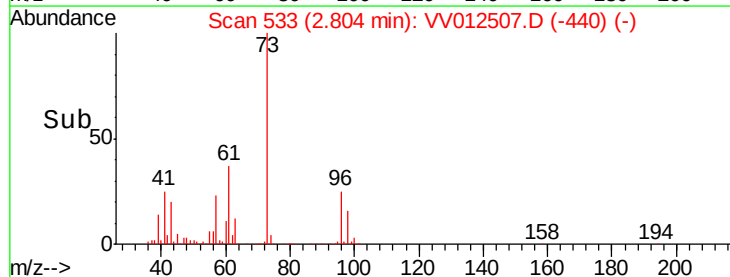
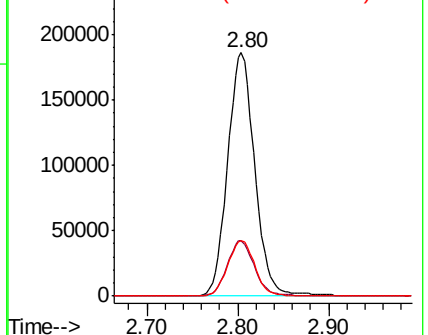
57 22.6 18.5 27.7

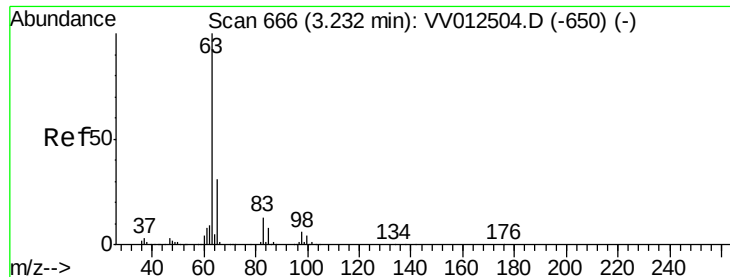


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

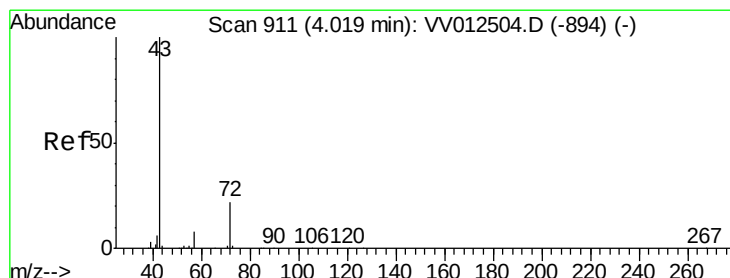
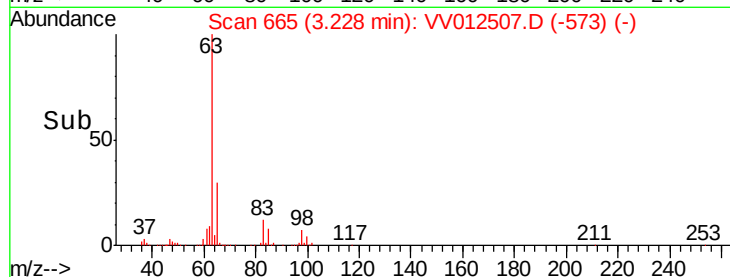
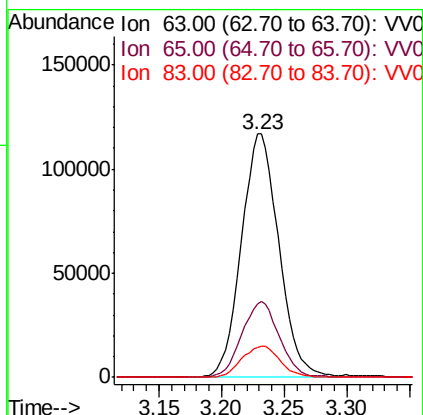
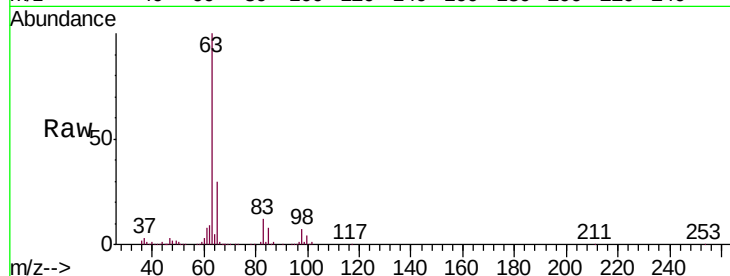




#19
 1,1-Dichloroethane
 Concen: 46.629 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

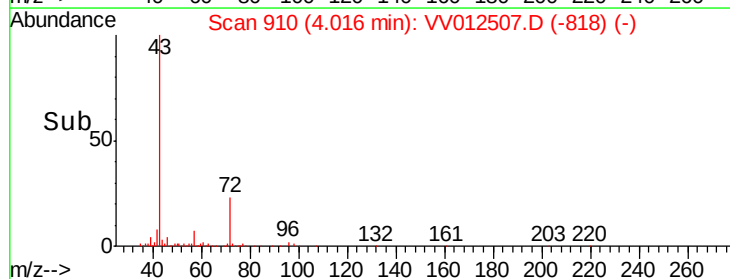
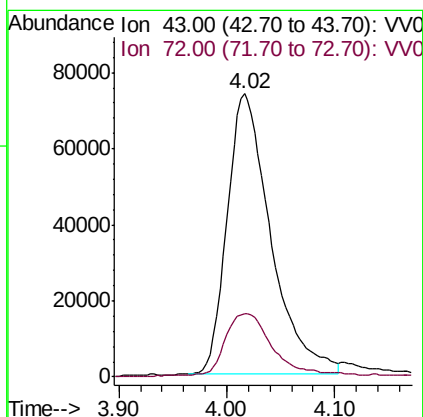
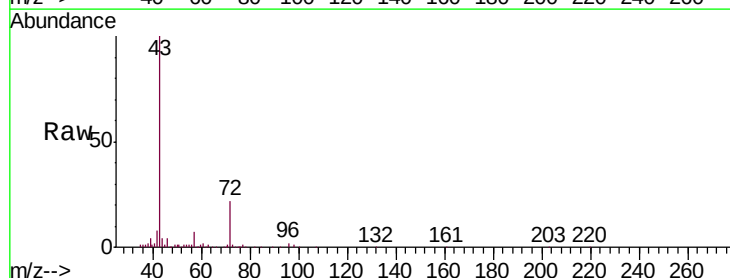
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

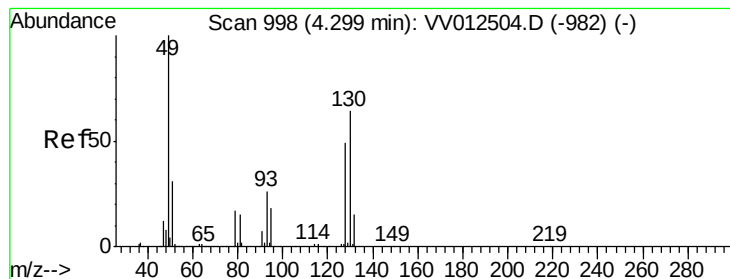
Tgt Ion:	63	Resp:	243096
Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.8	40.6
83	12.4	9.3	17.3



#22
 2-Butanone
 Concen: 87.141 ug/L
 RT: 4.02 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Tgt Ion:	43	Resp:	208099
Ion	Ratio	Lower	Upper
43	100		
72	22.6	10.9	32.7





#23

Bromochloromethane

Concen: 45.577 ug/L

RT: 4.30 min Scan# 997

Delta R.T. -0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

VICV61

Tgt Ion:128 Resp: 64472

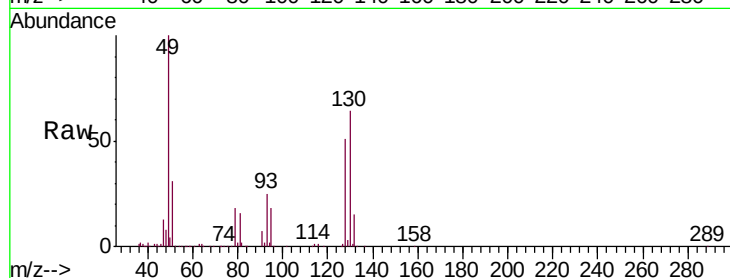
Ion Ratio Lower Upper

128 100

49 196.6 144.1 267.5

130 126.0 91.6 170.2

51 60.0 51.1 76.7

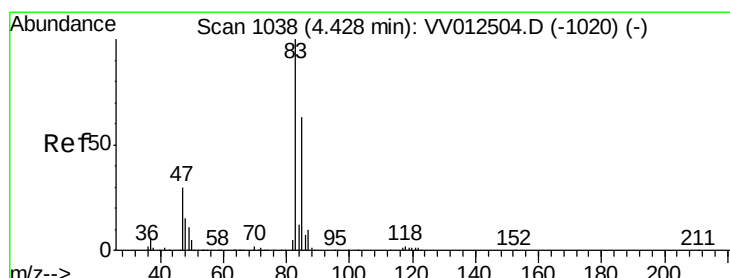
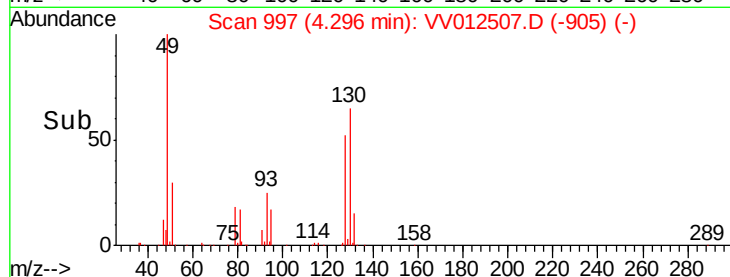
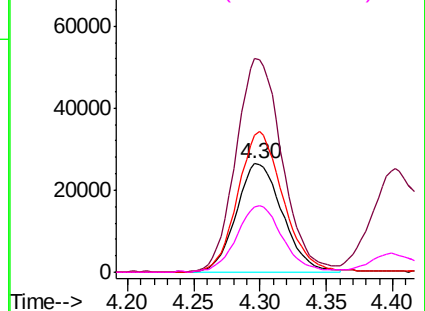


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV0



#25

Chloroform

Concen: 45.705 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012507.D

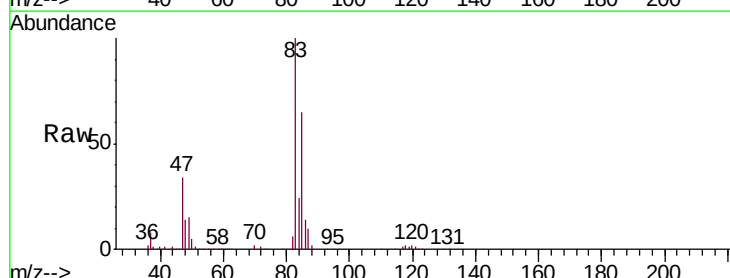
Acq: 01 Sep 2019 13:48

Tgt Ion: 83 Resp: 244825

Ion Ratio Lower Upper

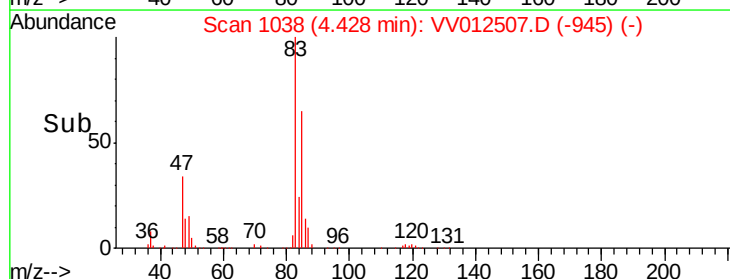
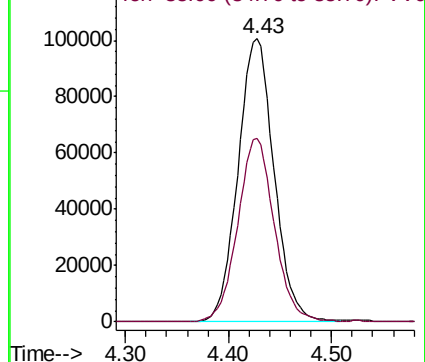
83 100

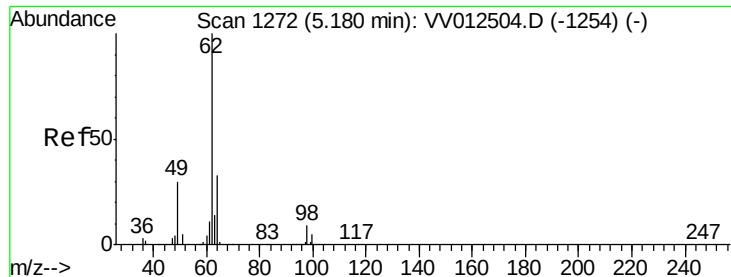
85 64.7 44.4 82.4



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

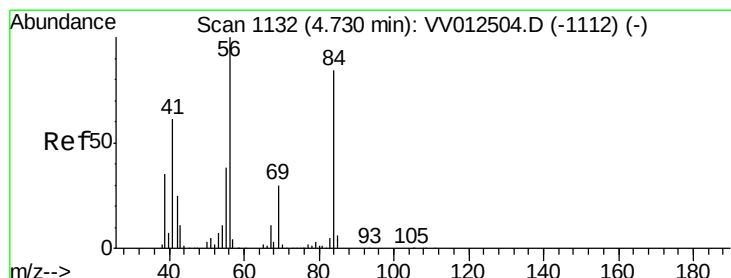
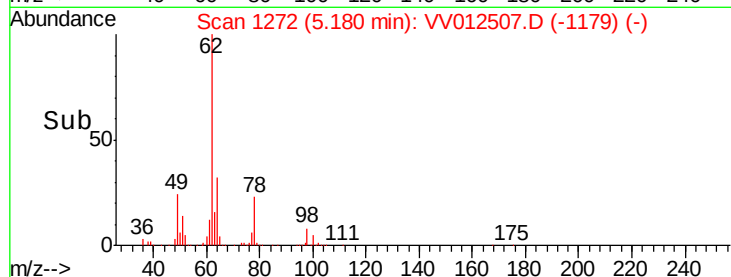
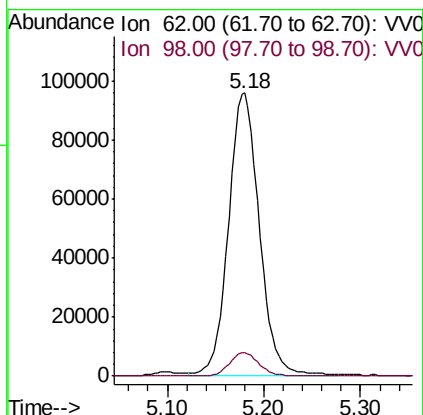
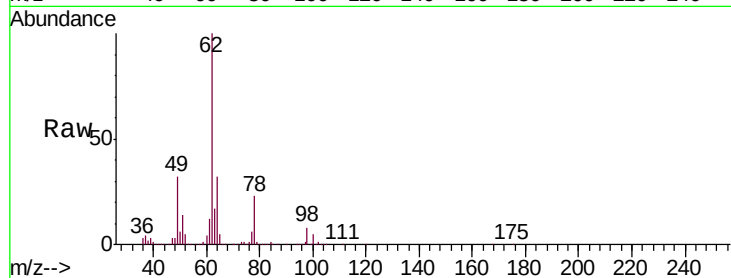




#27
 1,2-Dichloroethane
 Concen: 47.353 ug/L
 RT: 5.18 min Scan# 1272
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

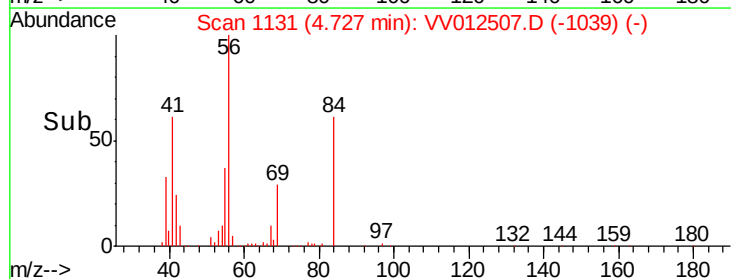
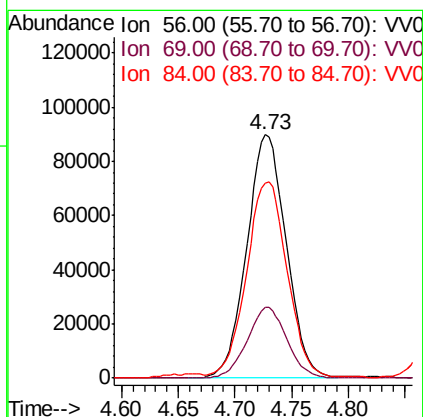
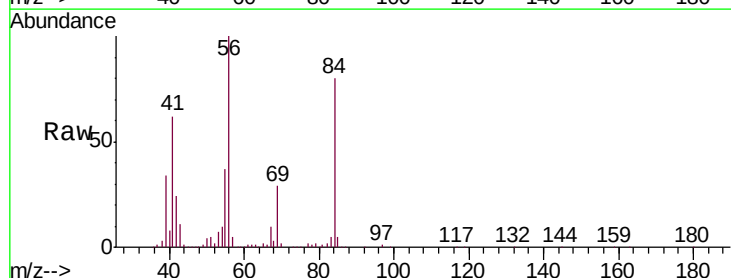
Instrument :
 MSVOA_V
 ClientSampled :
 VICV61

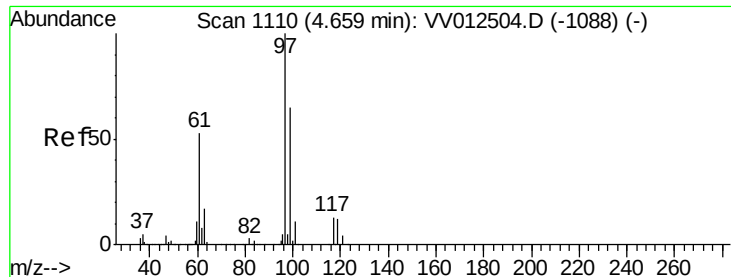
Tgt Ion: 62 Resp: 212149
 Ion Ratio Lower Upper
 62 100
 98 8.5 7.3 10.9



#29
 Cyclohexane
 Concen: 51.122 ug/L
 RT: 4.73 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Tgt Ion: 56 Resp: 217753
 Ion Ratio Lower Upper
 56 100
 69 29.2 23.5 35.3
 84 81.8 66.2 99.4

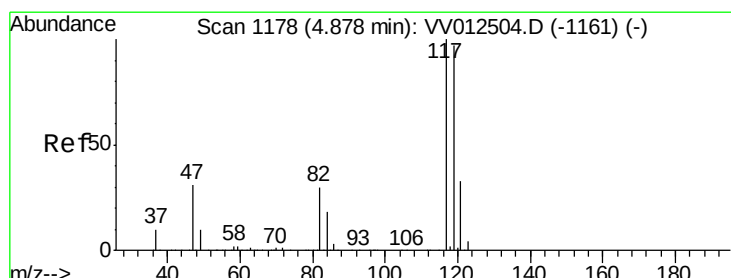
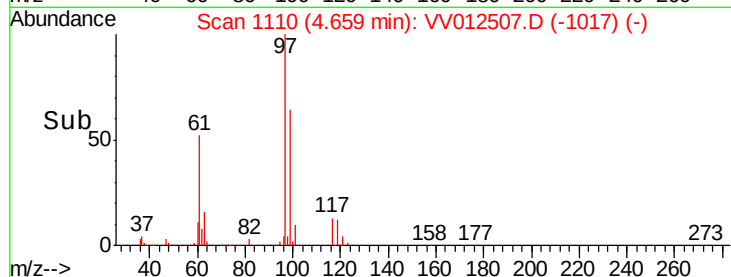
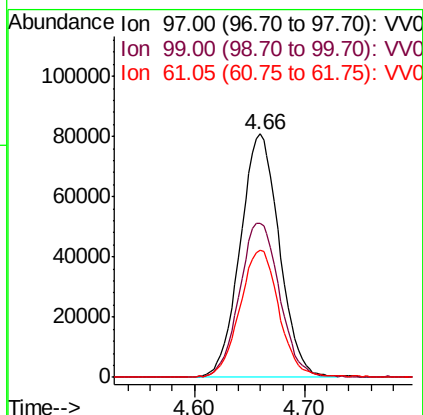
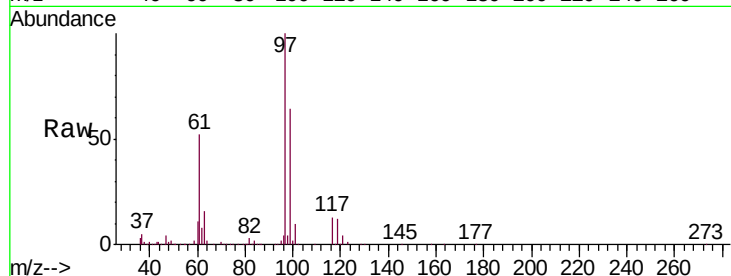




#30
 1,1,1-Trichloroethane
 Concen: 48.098 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

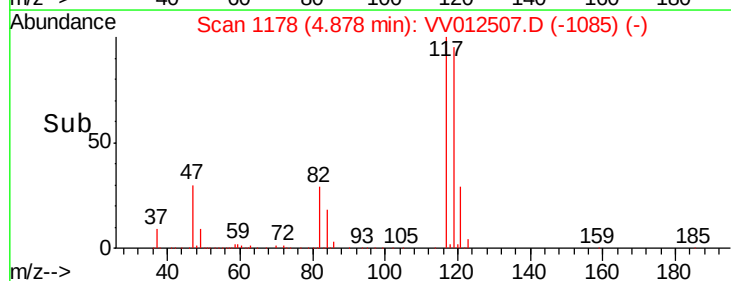
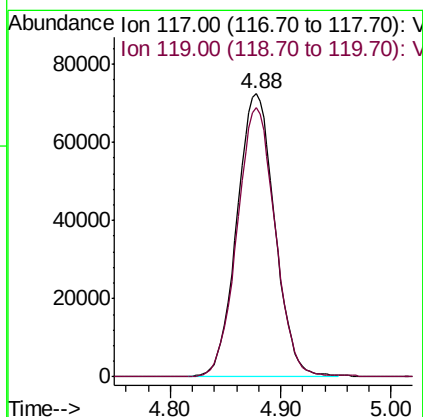
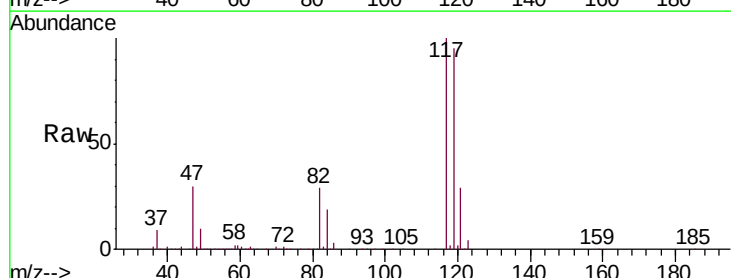
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

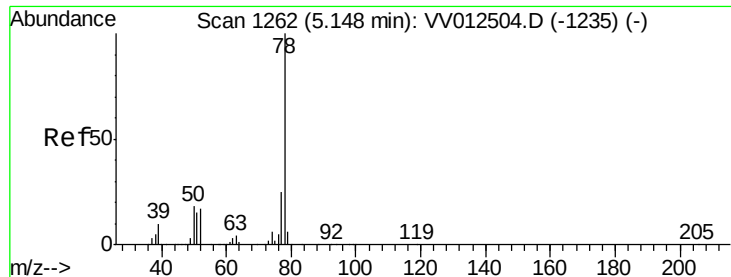
Tgt Ion: 97 Resp: 198814
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.6 76.0
 61 52.4 41.7 62.5



#31
 Carbon tetrachloride
 Concen: 48.262 ug/L
 RT: 4.88 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Tgt Ion: 117 Resp: 172668
 Ion Ratio Lower Upper
 117 100
 119 95.2 77.5 116.3





#33

Benzene

Concen: 48.273 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

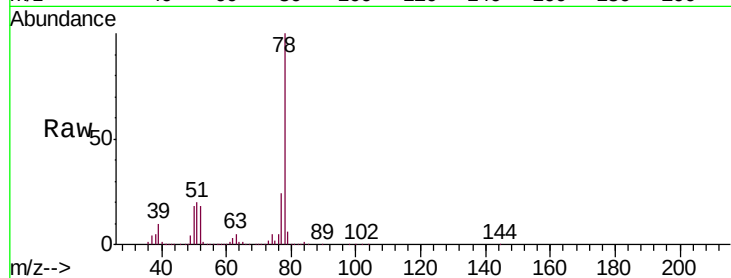
Instrument :

MSVOA_V

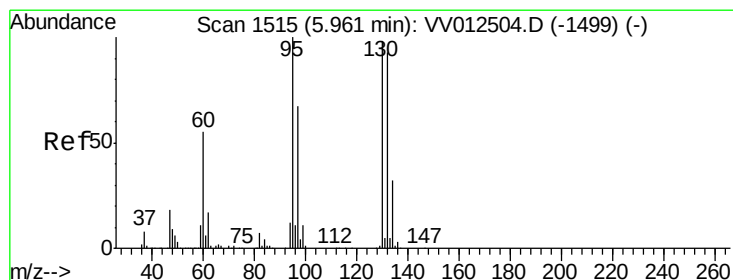
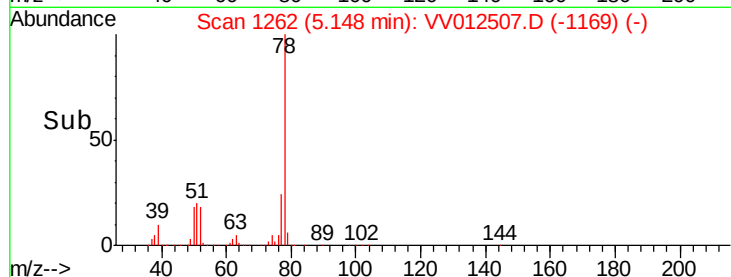
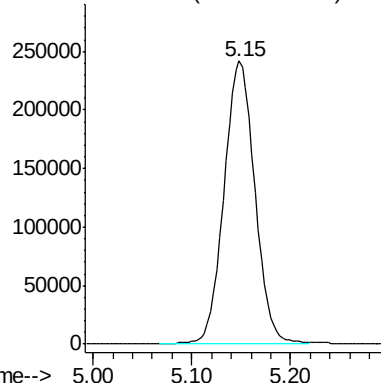
ClientSampleId :

VICV61

Tgt Ion: 78 Resp: 521450



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 47.595 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Tgt Ion: 95 Resp: 138831

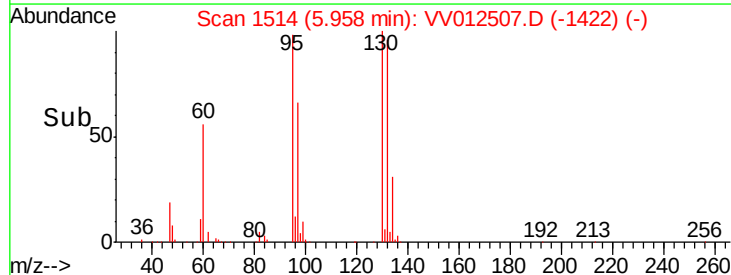
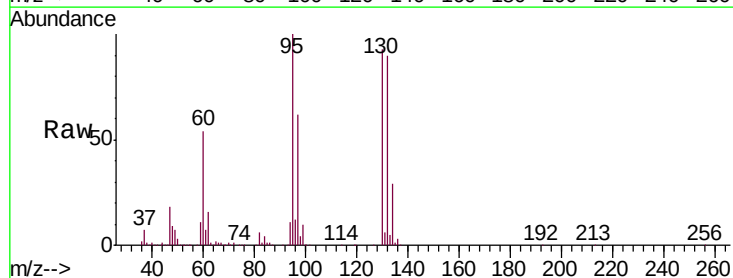
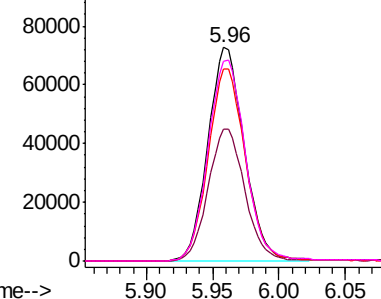
Ion	Ratio	Lower	Upper
95	100		
97	61.9	46.8	86.8
132	89.8	64.9	120.5
130	93.5	68.8	127.8

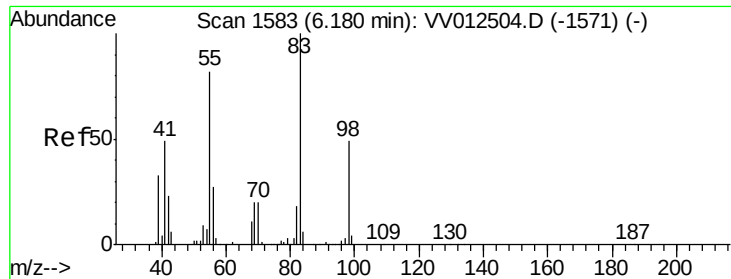
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0

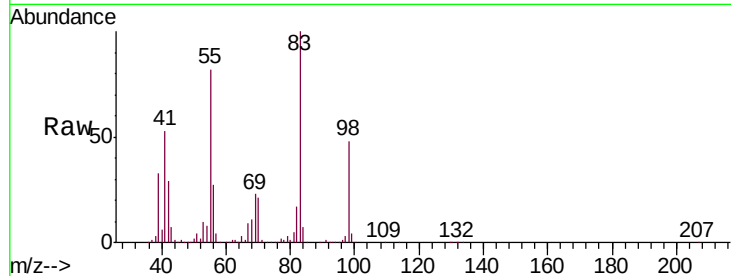




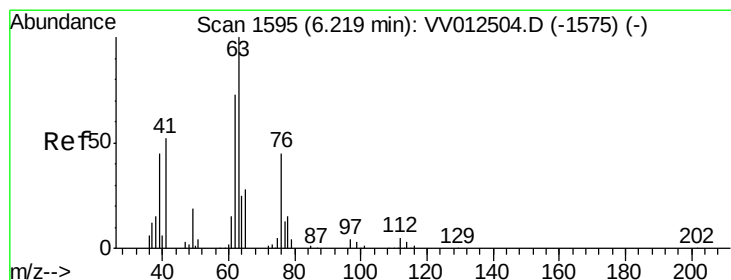
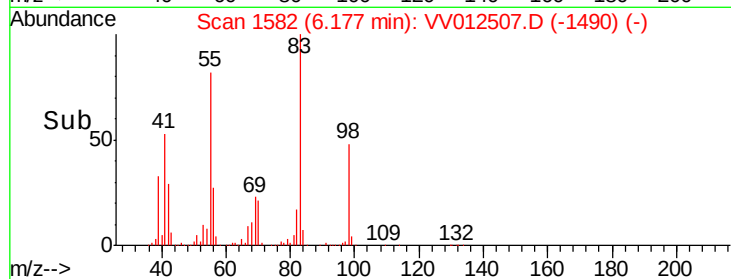
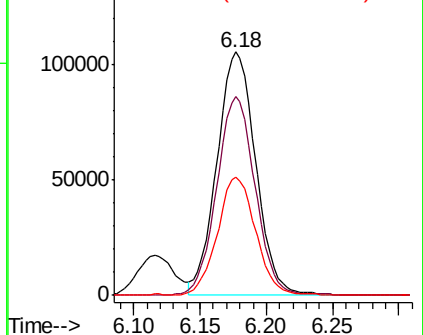
#35
Methylcyclohexane
Concen: 50.508 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VV012507.D
Acq: 01 Sep 2019 13:48

Instrument :
MSVOA_V
ClientSampled :
VICV61

Tgt Ion: 83 Resp: 215090
Ion Ratio Lower Upper
83 100
55 80.2 65.1 97.7
98 48.1 38.5 57.7

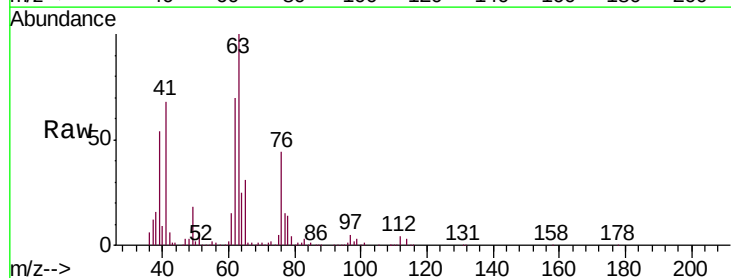


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

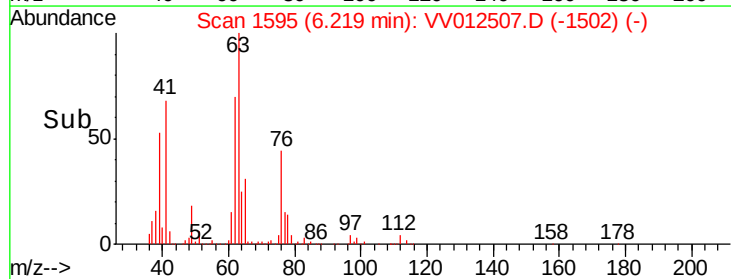
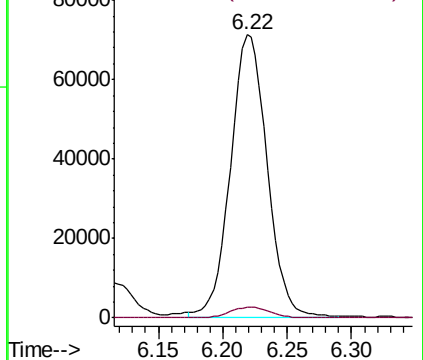


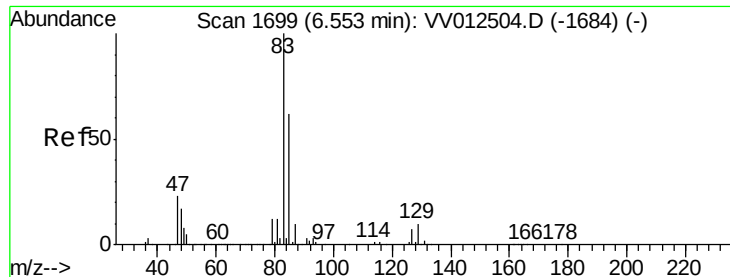
#37
1,2-Dichloropropane
Concen: 47.340 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VV012507.D
Acq: 01 Sep 2019 13:48

Tgt Ion: 63 Resp: 139939
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

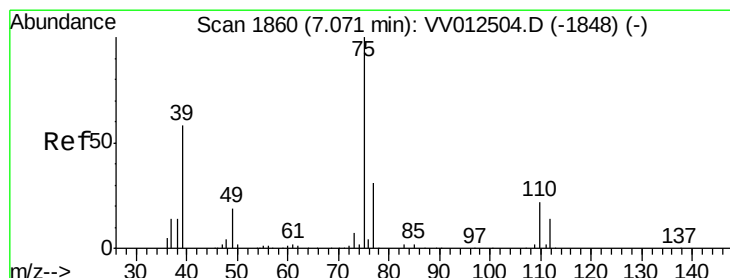
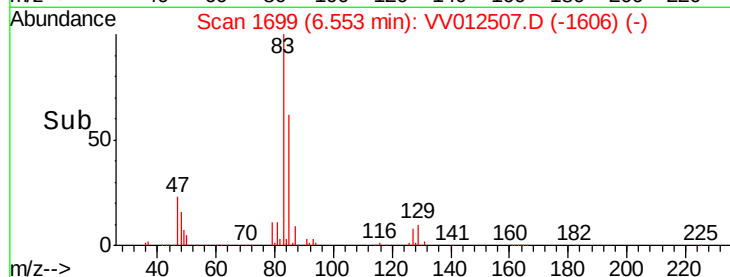
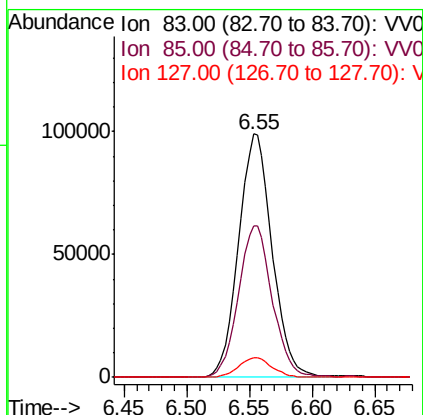
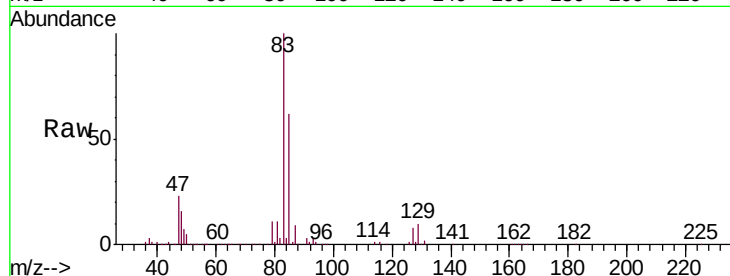




#38
 Bromodichloromethane
 Concen: 47.697 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

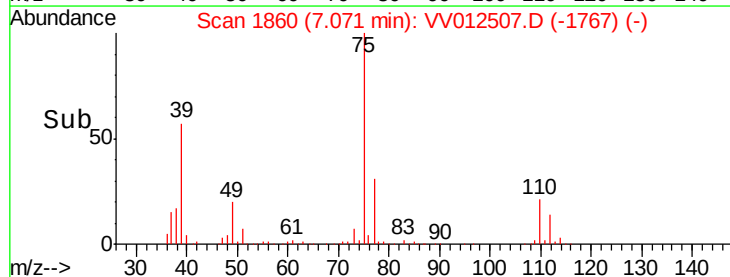
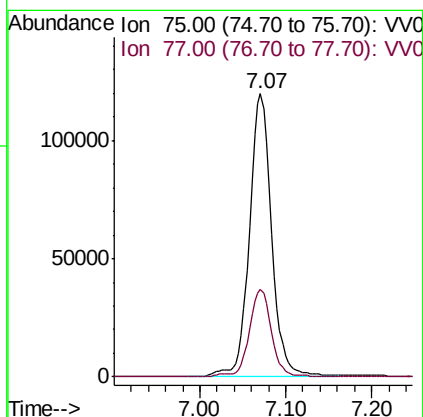
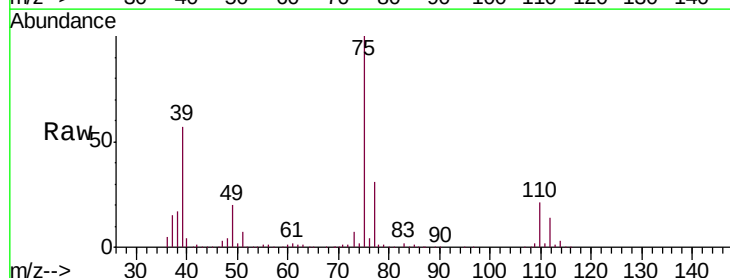
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

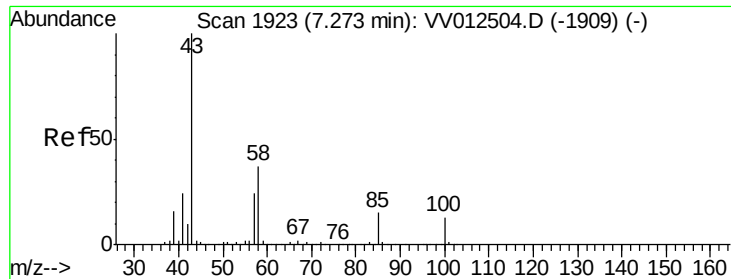
Tgt Ion: 83 Resp: 184547
 Ion Ratio Lower Upper
 83 100
 85 62.4 43.1 80.1
 127 8.1 5.6 8.4



#39
 cis-1,3-Dichloropropene
 Concen: 52.069 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Tgt Ion: 75 Resp: 216179
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.8 40.6

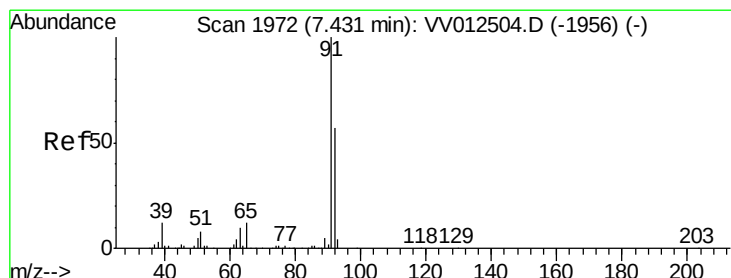
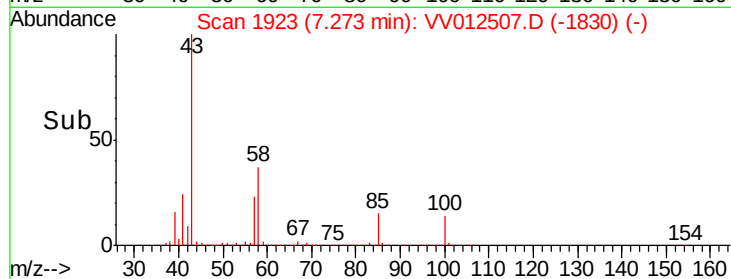
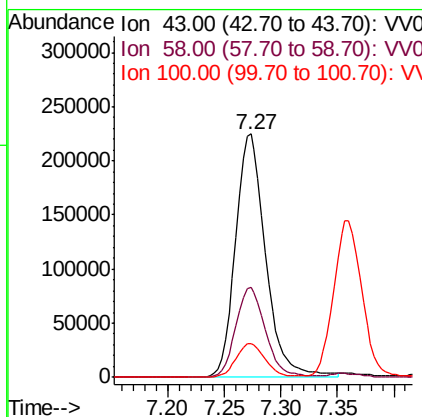
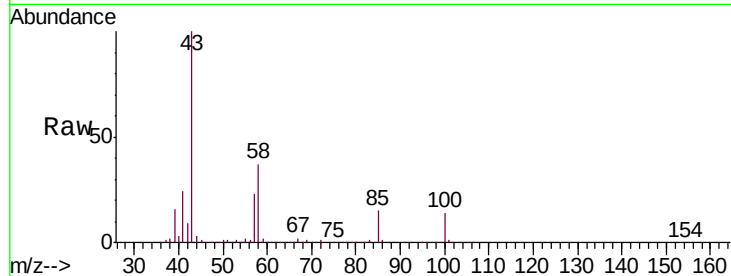




#40
 4-Methyl-2-pentanone
 Concen: 102.815 ug/L
 RT: 7.27 min Scan# 1923
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

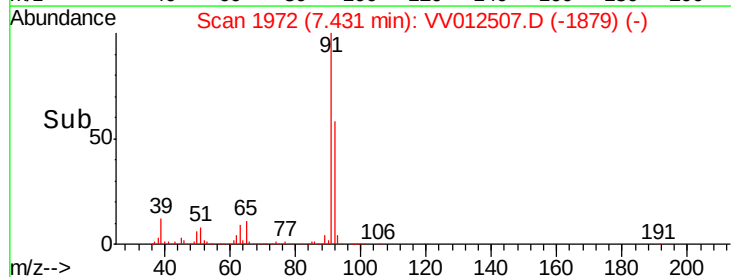
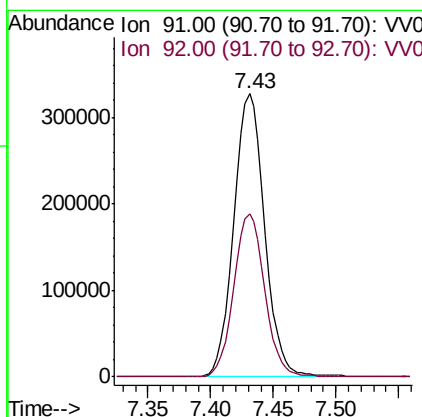
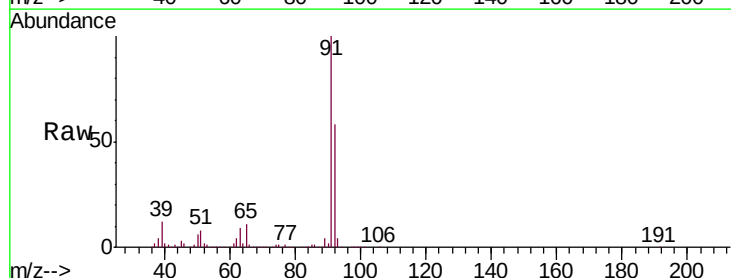
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

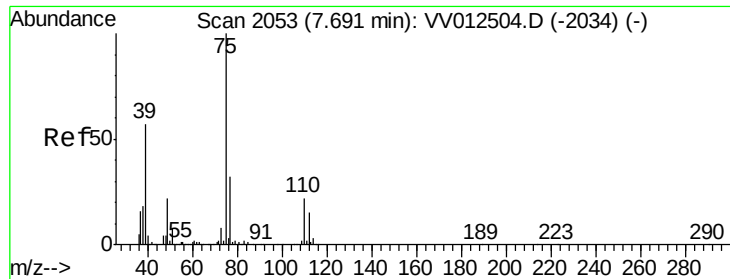
Tgt Ion: 43 Resp: 416603
 Ion Ratio Lower Upper
 43 100
 58 36.7 29.8 44.6
 100 13.5 10.6 16.0



#42
 Toluene
 Concen: 49.545 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Tgt Ion: 91 Resp: 559141
 Ion Ratio Lower Upper
 91 100
 92 57.7 39.8 73.8





#44

trans-1,3-Dichloropropene

Concen: 51.660 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

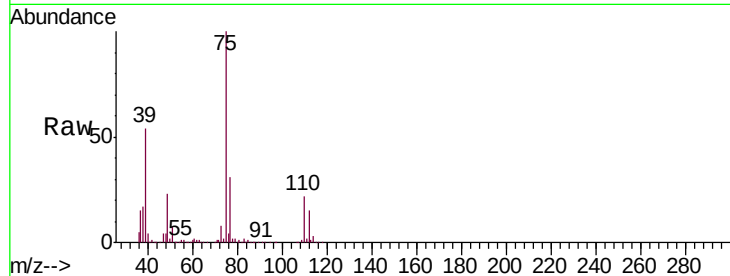
VICV61

Tgt Ion: 75 Resp: 191457

Ion Ratio Lower Upper

75 100

77 31.2 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.69

120000

100000

80000

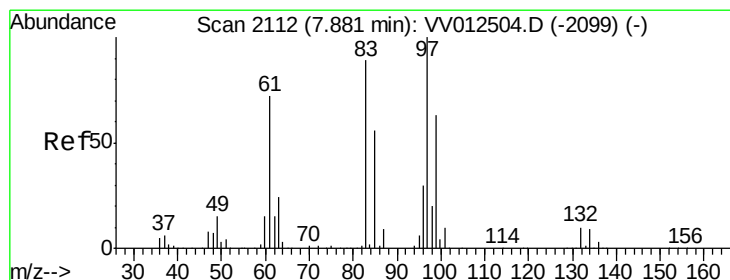
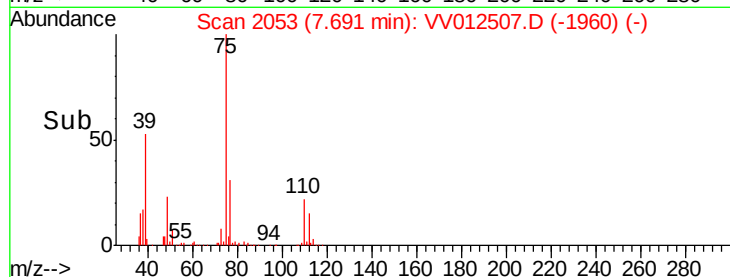
60000

40000

20000

0

Time-->



#45

1,1,2-Trichloroethane

Concen: 47.140 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Tgt Ion: 97 Resp: 126617

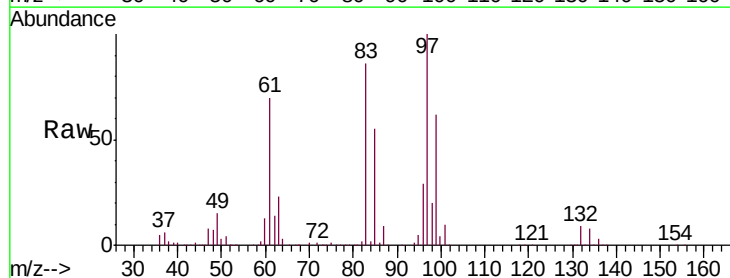
Ion Ratio Lower Upper

97 100

99 61.8 44.0 81.6

83 85.6 62.3 115.7

85 55.5 39.1 72.5



Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

7.88

120000

100000

80000

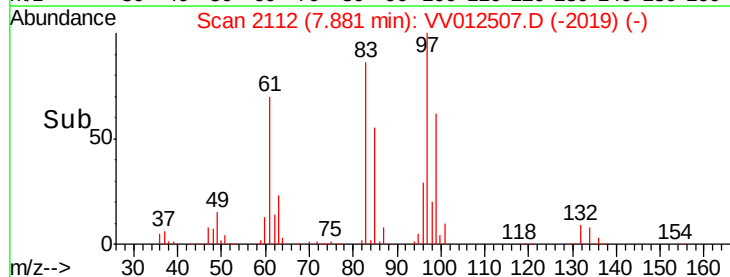
60000

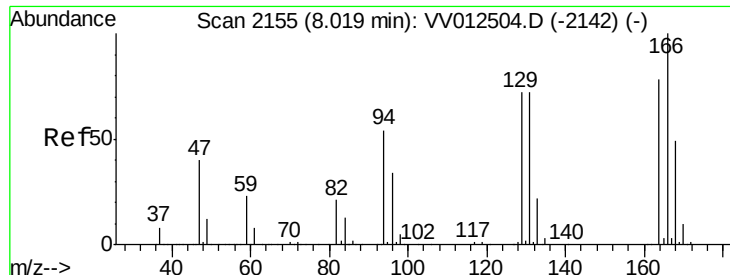
40000

20000

0

Time-->

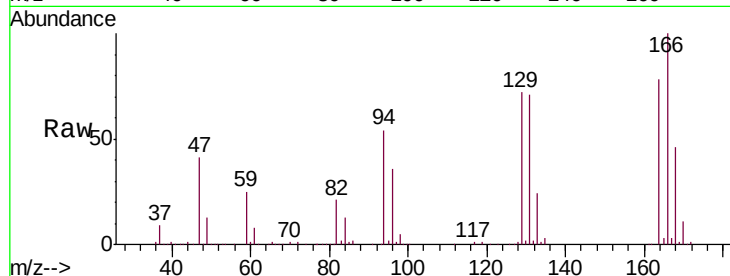




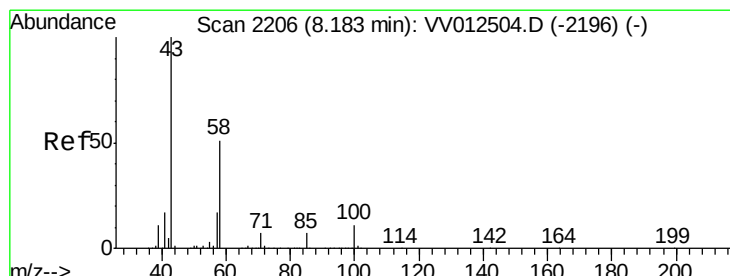
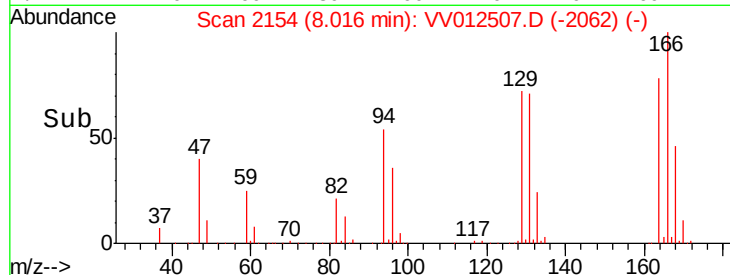
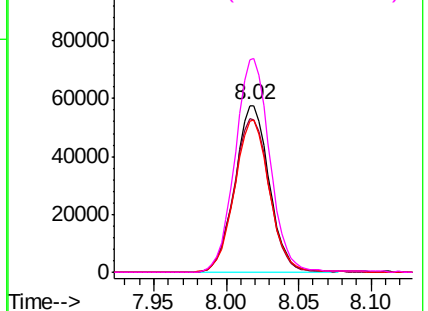
#46
Tetrachloroethene
Concen: 47.727 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012507.D
Acq: 01 Sep 2019 13:48

Instrument :
MSVOA_V
ClientSampleId :
VICV61

Tgt Ion:164 Resp: 94863
Ion Ratio Lower Upper
164 100
129 92.0 64.8 120.4
131 91.0 64.3 119.5
166 127.4 89.7 166.7

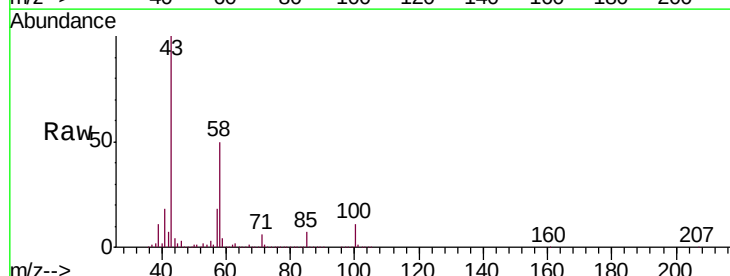


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

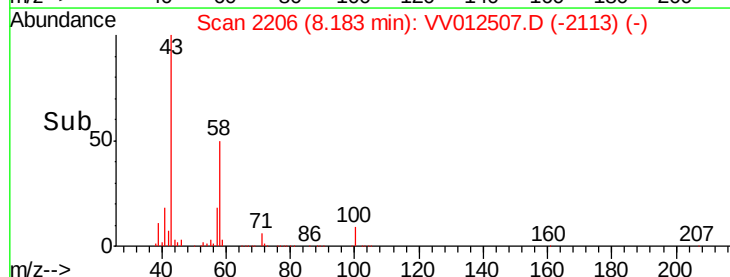
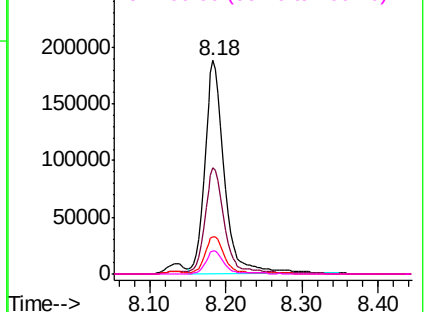


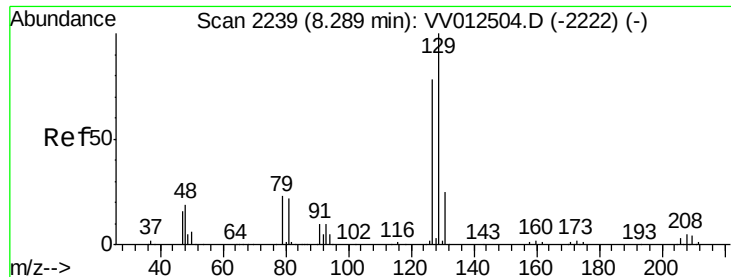
#48
2-Hexanone
Concen: 106.295 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV012507.D
Acq: 01 Sep 2019 13:48

Tgt Ion: 43 Resp: 335303
Ion Ratio Lower Upper
43 100
58 48.4 40.6 61.0
57 16.6 13.3 19.9
100 10.3 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 48.320 ug/L

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

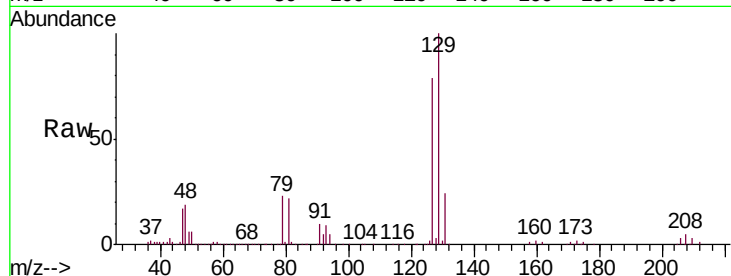
VICV61

Tgt Ion:129 Resp: 133111

Ion Ratio Lower Upper

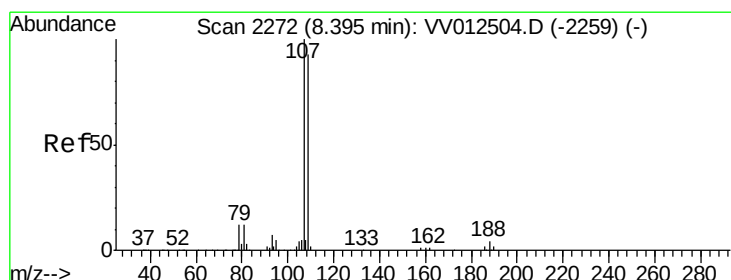
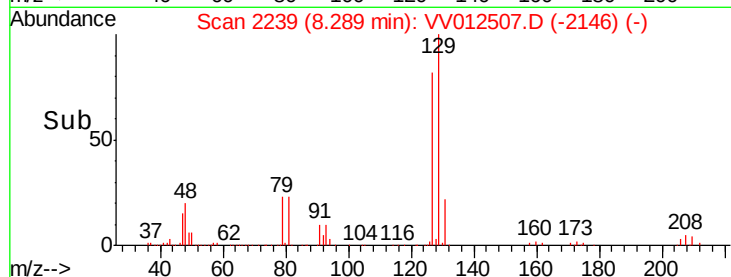
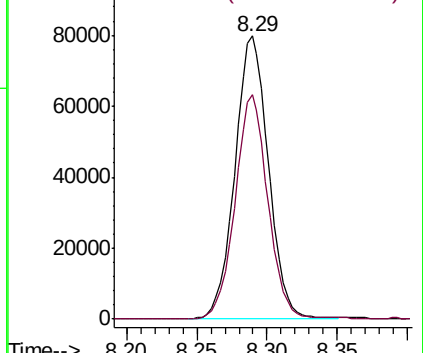
129 100

127 79.4 54.7 101.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 49.330 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

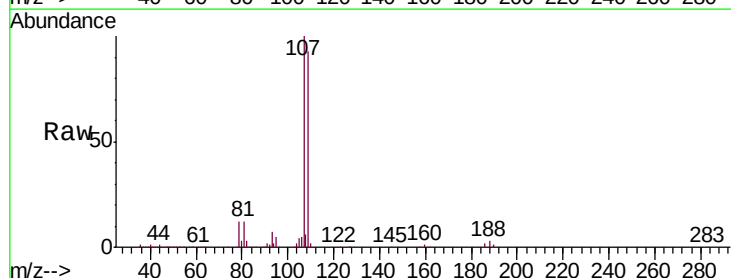
Tgt Ion:107 Resp: 132587

Ion Ratio Lower Upper

107 100

109 92.6 65.0 120.6

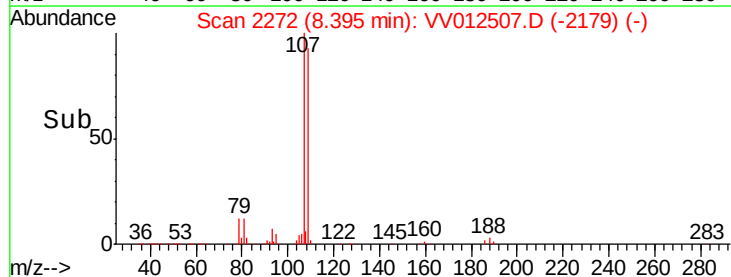
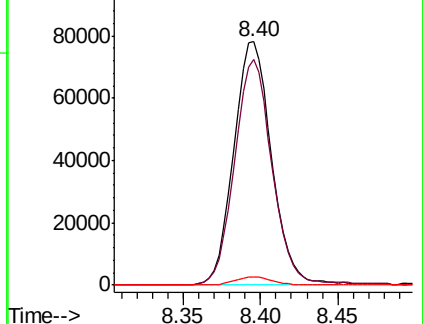
188 3.4 3.0 4.4

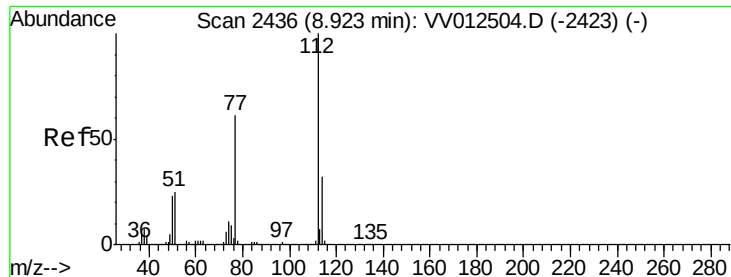


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#51

Chlorobenzene

Concen: 47.737 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

VICV61

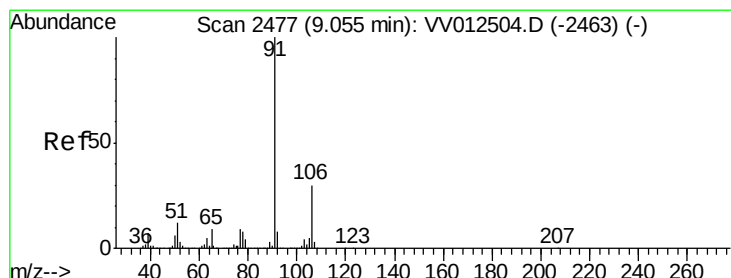
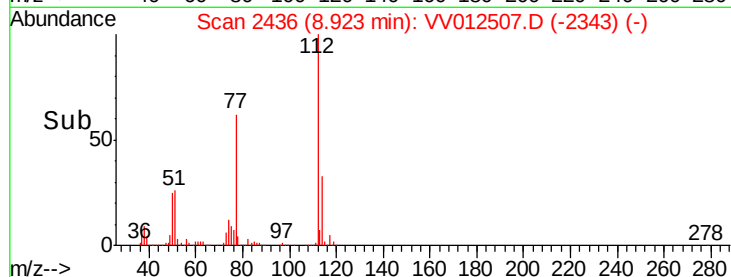
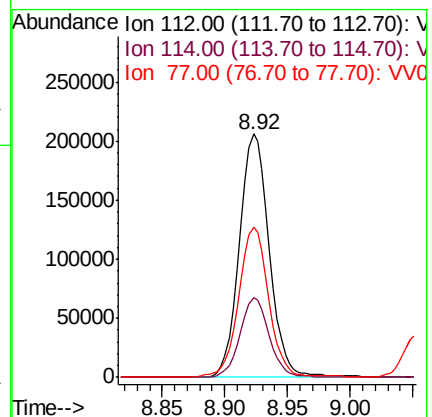
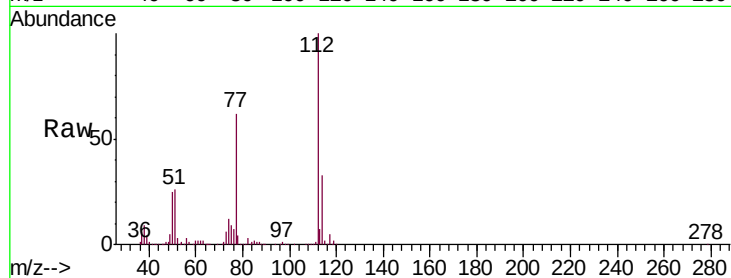
Tgt Ion: 112 Resp: 340807

Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

77 61.6 49.4 74.2



#52

Ethylbenzene

Concen: 50.154 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012507.D

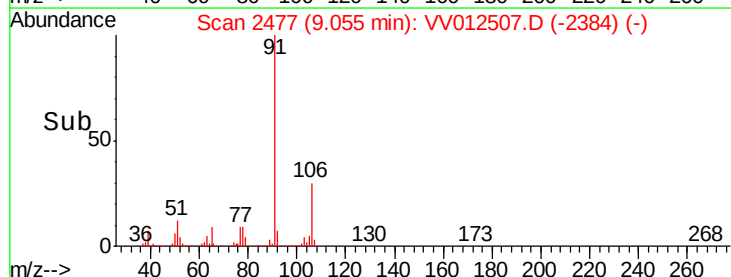
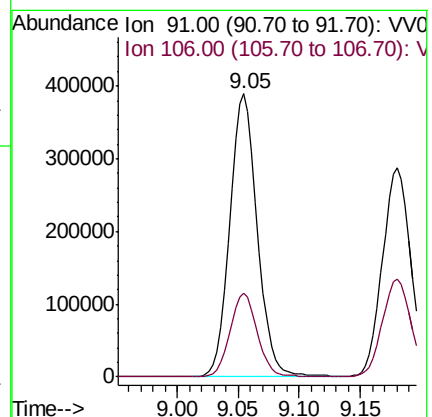
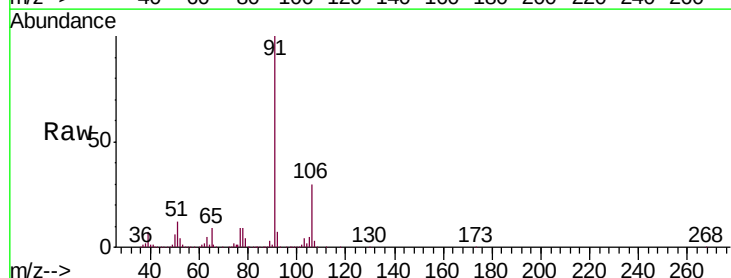
Acq: 01 Sep 2019 13:48

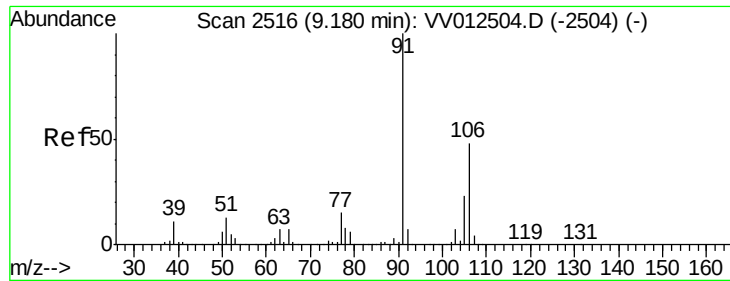
Tgt Ion: 91 Resp: 615914

Ion Ratio Lower Upper

91 100

106 29.7 21.1 39.3





#53

m,p-Xylene

Concen: 50.608 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampled :

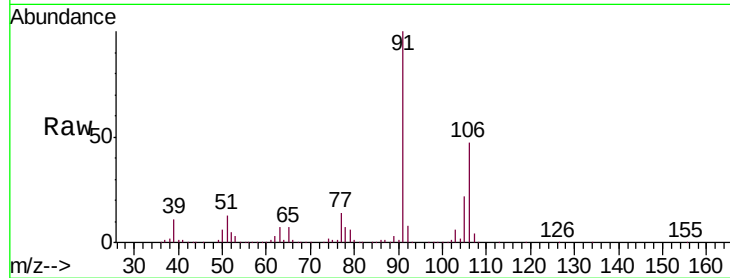
VICV61

Tgt Ion:106 Resp: 22232

Ion Ratio Lower Upper

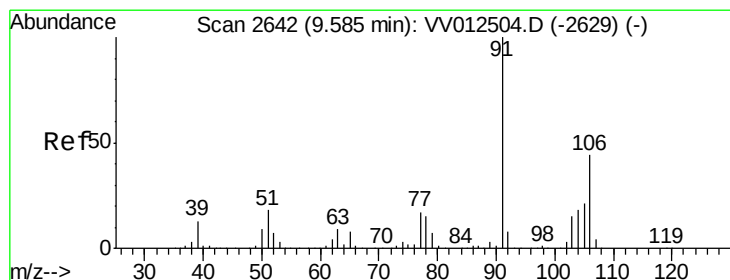
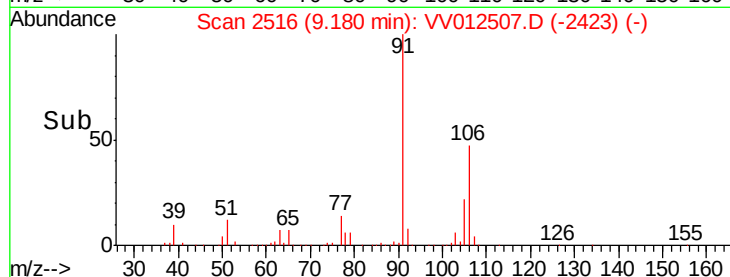
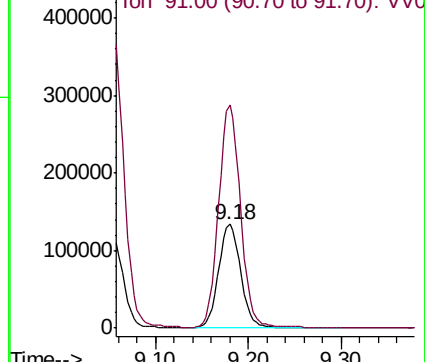
106 100

91 215.0 146.2 271.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 51.660 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV012507.D

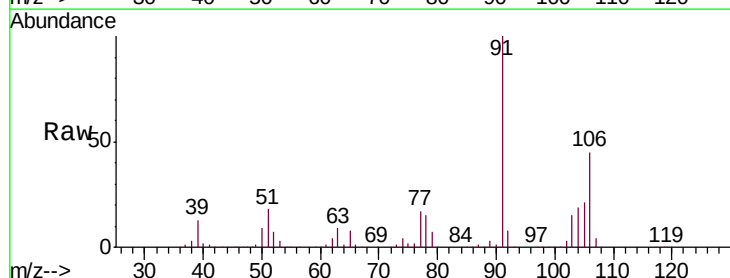
Acq: 01 Sep 2019 13:48

Tgt Ion:106 Resp: 221941

Ion Ratio Lower Upper

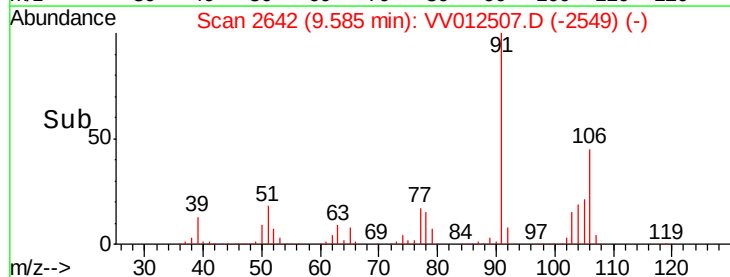
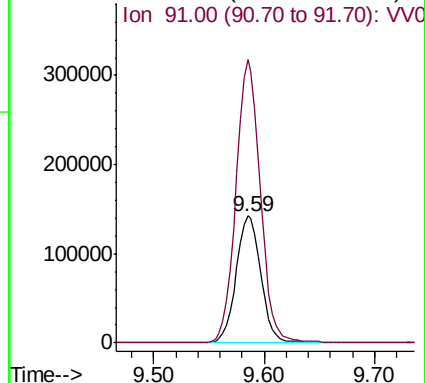
106 100

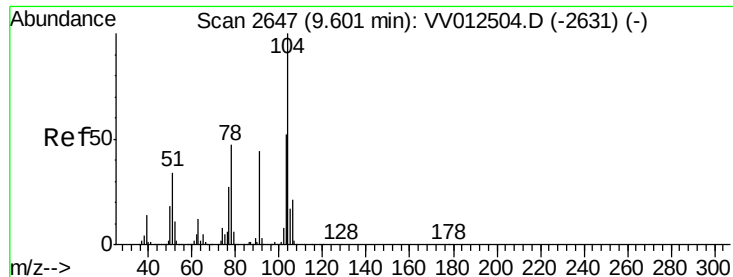
91 222.9 157.7 292.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#55

Styrene

Concen: 52.075 ug/L

RT: 9.60 min Scan# 2647

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

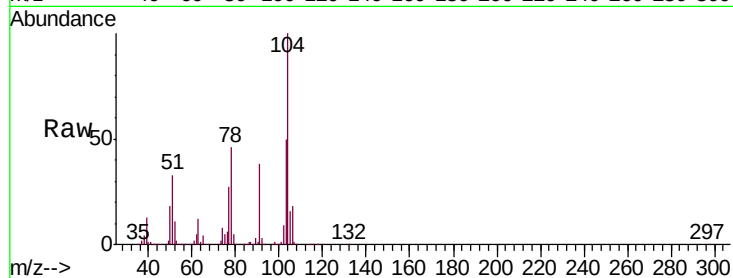
VICV61

Tgt Ion:104 Resp: 382958

Ion Ratio Lower Upper

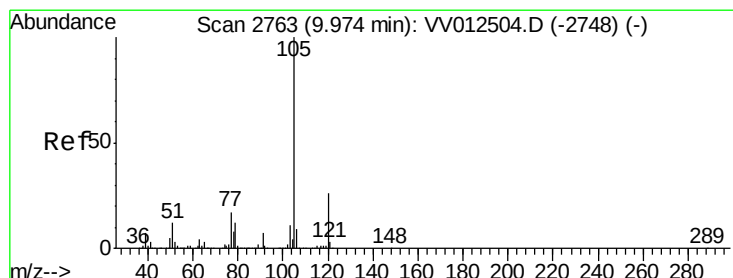
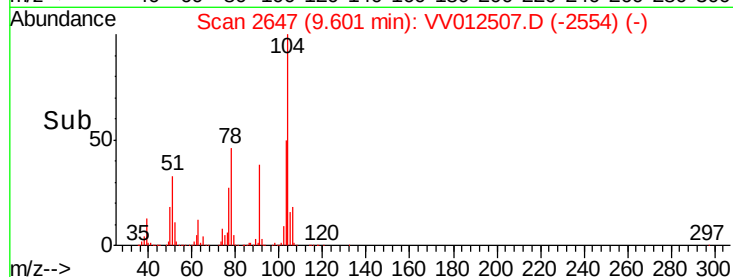
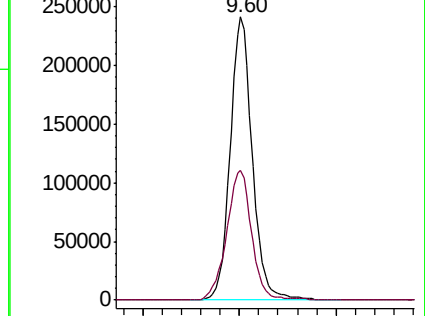
104 100

78 46.0 33.2 61.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



#56

Isopropylbenzene

Concen: 51.211 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

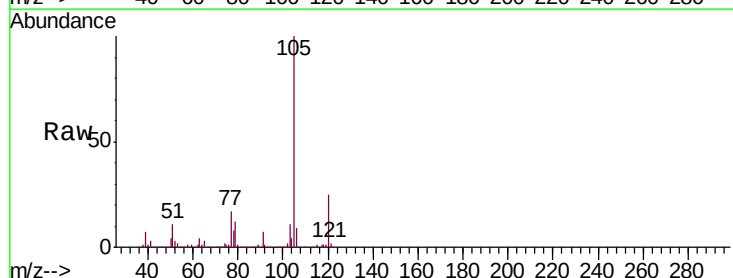
Tgt Ion:105 Resp: 586780

Ion Ratio Lower Upper

105 100

120 25.7 20.4 30.6

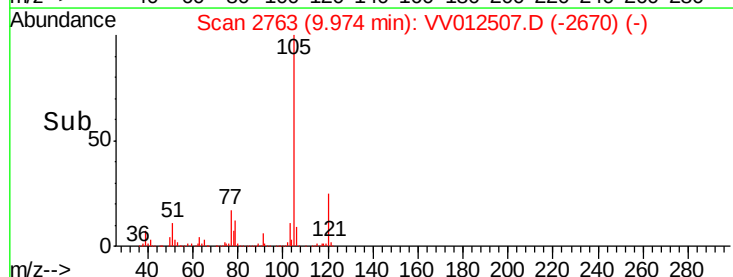
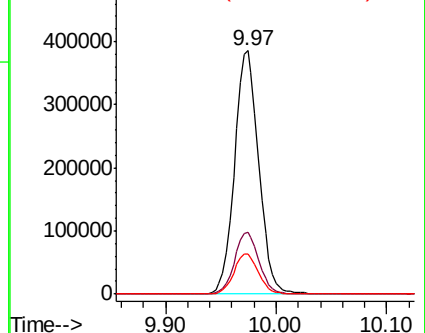
77 17.1 13.8 20.6

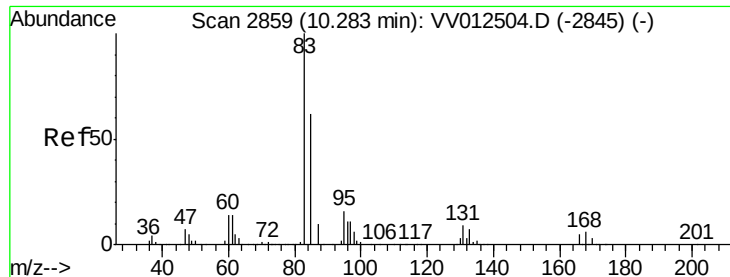


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 48.388 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampled :

VICV61

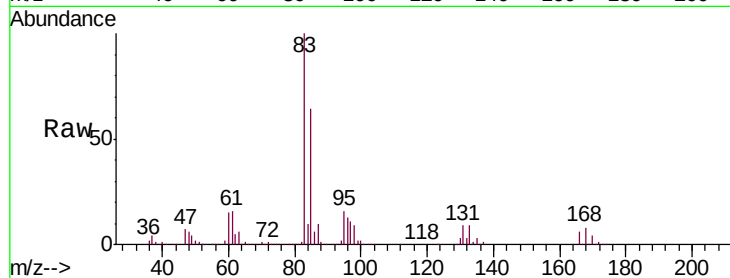
Tgt Ion: 83 Resp: 196000

Ion Ratio Lower Upper

83 100

85 64.1 43.4 80.6

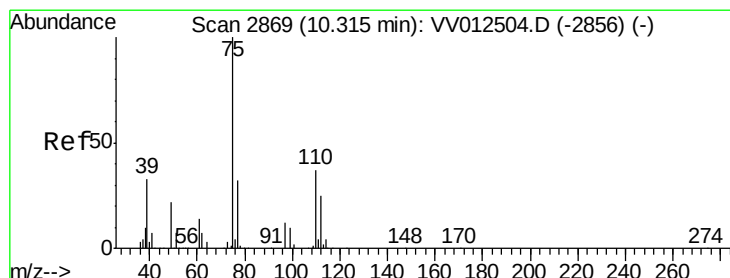
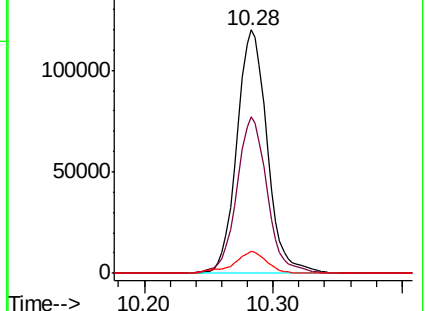
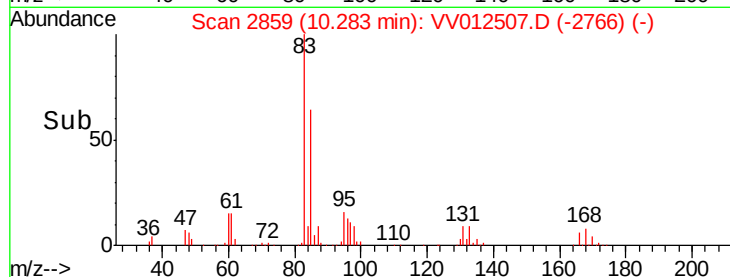
131 8.9 7.1 10.7



Abundance Ion 83.00 (82.70 to 83.70): VV012507.D (-2766) (-)

Ion 85.00 (84.70 to 85.70): VV012507.D (-2766) (-)

Ion 131.00 (130.70 to 131.70): VV012507.D (-2766) (-)



#59

1,2,3-Trichloropropane

Concen: 46.900 ug/L

RT: 10.31 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV012507.D

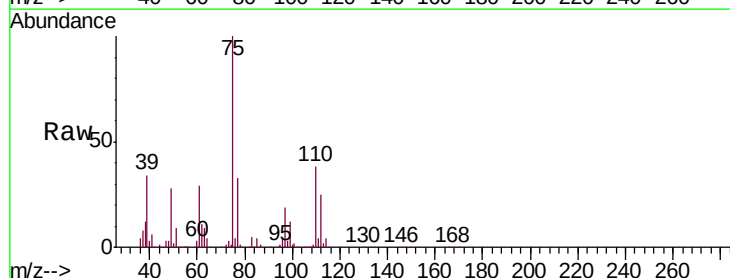
Acq: 01 Sep 2019 13:48

Tgt Ion: 75 Resp: 165053

Ion Ratio Lower Upper

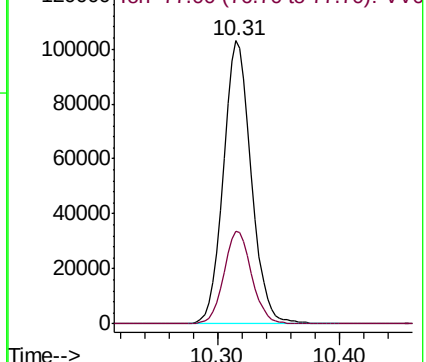
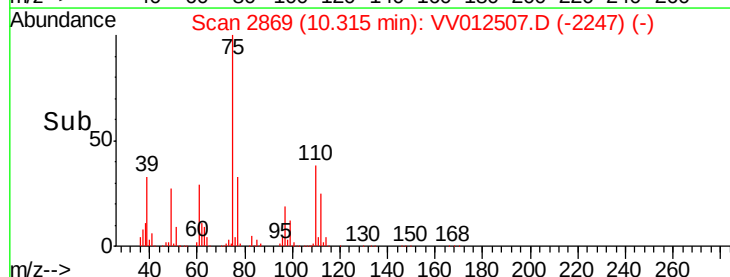
75 100

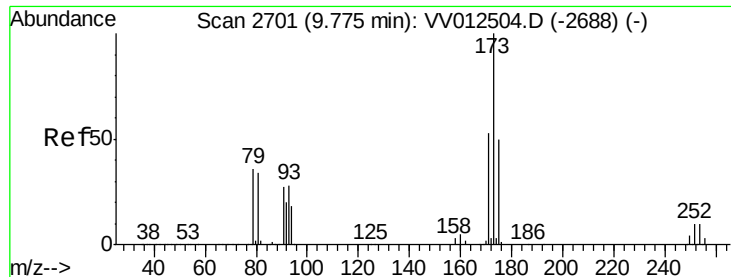
77 32.4 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VV012507.D (-2247) (-)

Ion 77.00 (76.70 to 77.70): VV012507.D (-2247) (-)





#61

Bromoform

Concen: 46.077 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

VICV61

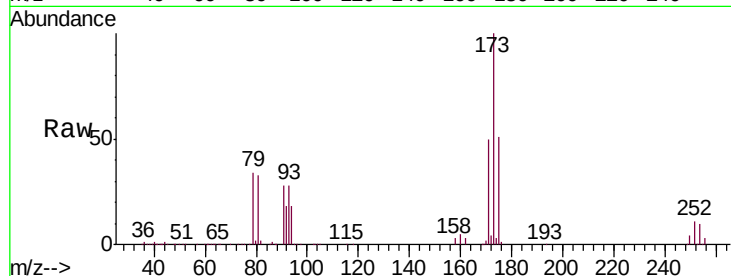
Tgt Ion:173 Resp: 85532

Ion Ratio Lower Upper

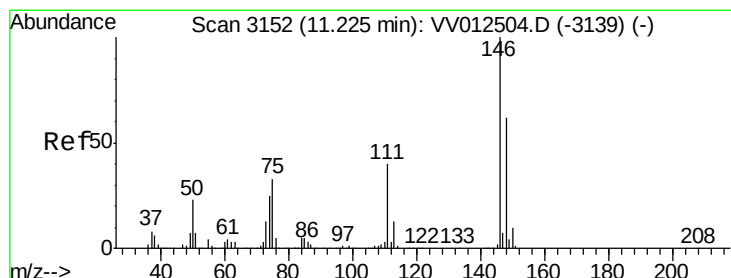
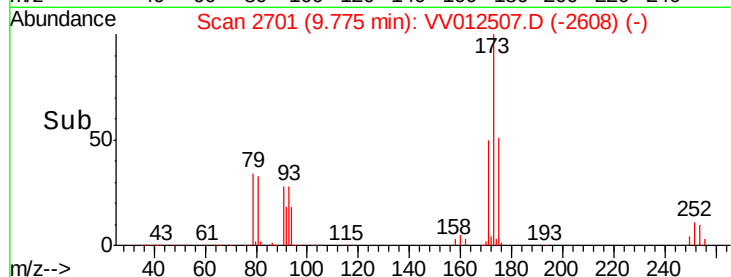
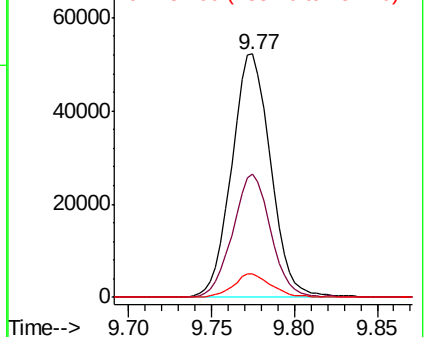
173 100

175 49.4 39.4 59.0

254 9.5 7.5 11.3



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#62

1,3-Dichlorobenzene

Concen: 49.583 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

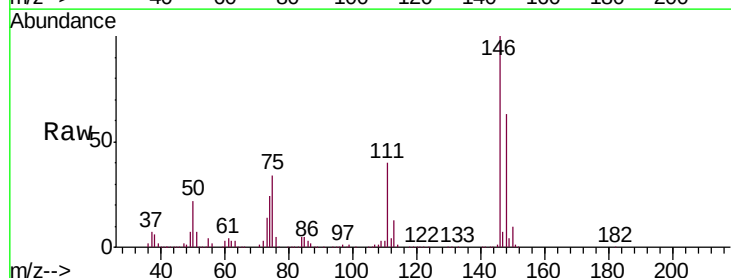
Tgt Ion:146 Resp: 257960

Ion Ratio Lower Upper

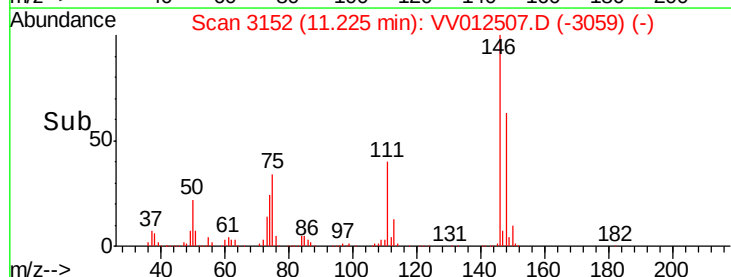
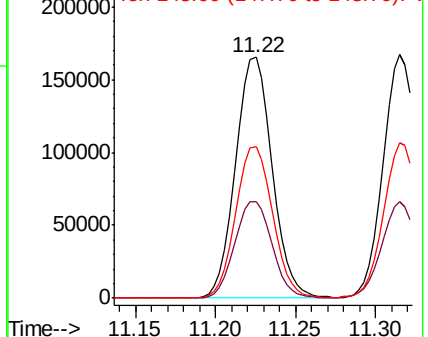
146 100

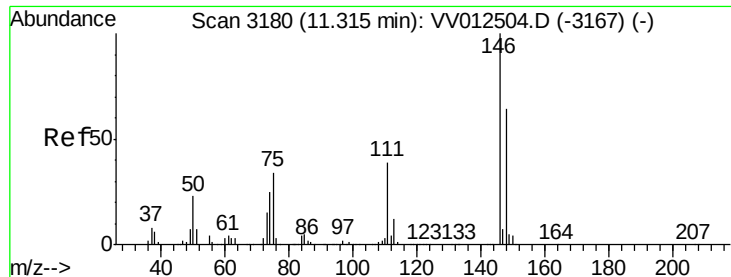
111 40.1 27.7 51.5

148 62.8 43.4 80.6



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

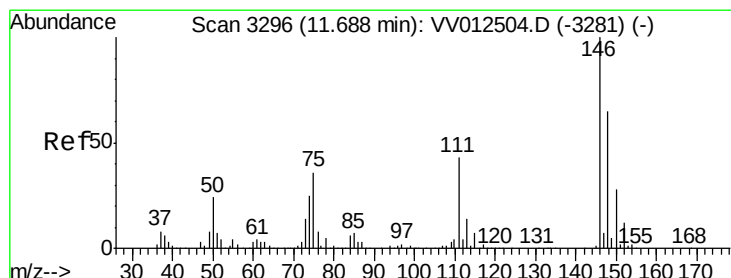
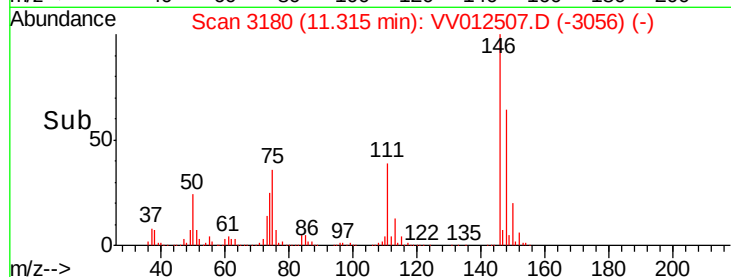
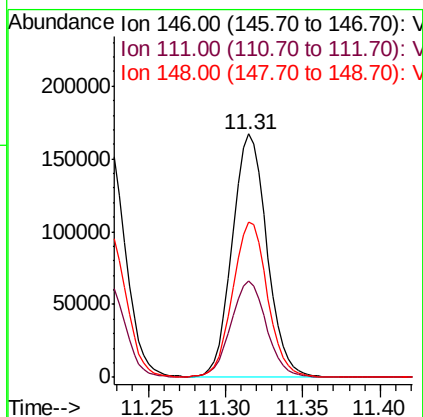
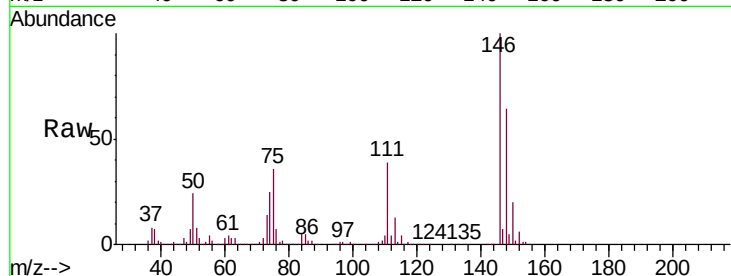




#63
 1,4-Dichlorobenzene
 Concen: 47.891 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

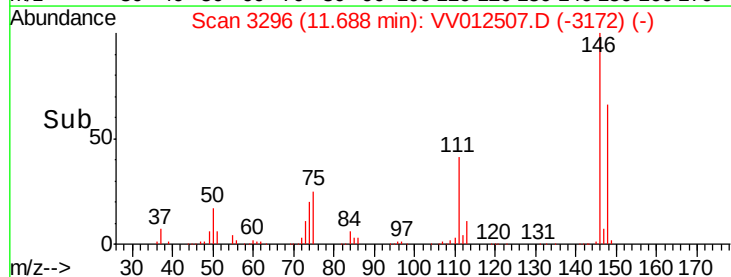
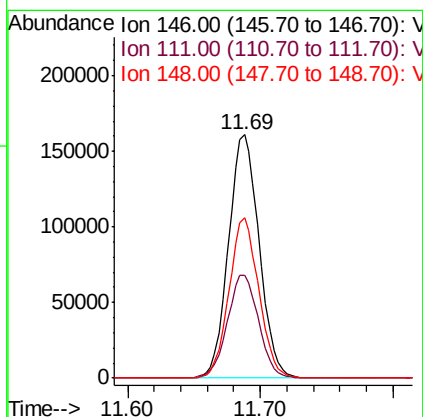
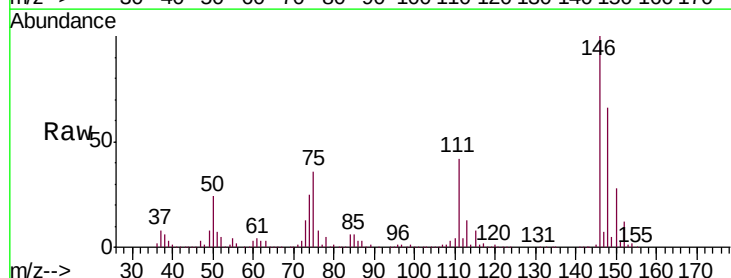
Instrument :
 MSVOA_V
 ClientSampled :
 VICV61

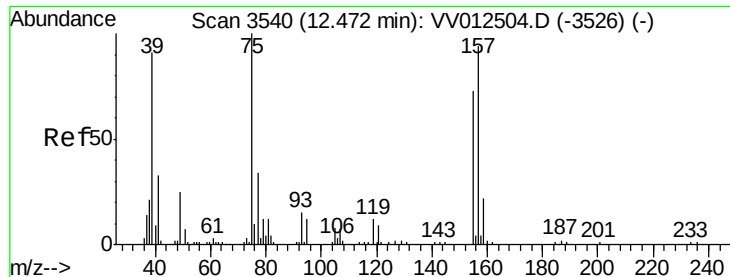
Tgt Ion:146 Resp: 259632
 Ion Ratio Lower Upper
 146 100
 111 39.4 27.6 51.4
 148 63.8 44.6 82.8



#65
 1,2-Dichlorobenzene
 Concen: 48.106 ug/L
 RT: 11.69 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Tgt Ion:146 Resp: 257369
 Ion Ratio Lower Upper
 146 100
 111 42.4 34.4 51.6
 148 65.9 51.6 77.4





#66

1,2-Dibromo-3-chloropropane

Concen: 44.840 ug/L

RT: 12.47 min Scan# 3540

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Instrument :

MSVOA_V

ClientSampleId :

VICV61

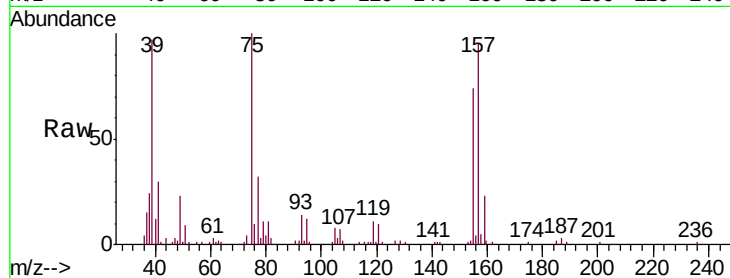
Tgt Ion: 75 Resp: 42317

Ion Ratio Lower Upper

75 100

155 74.1 58.2 87.2

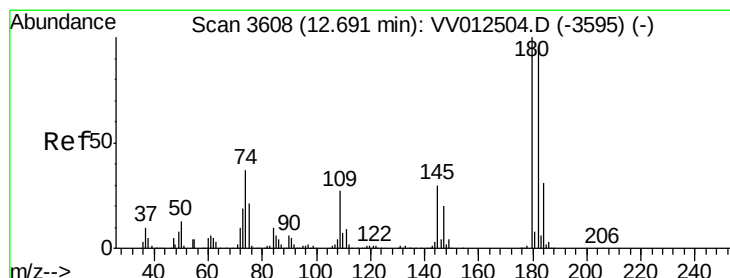
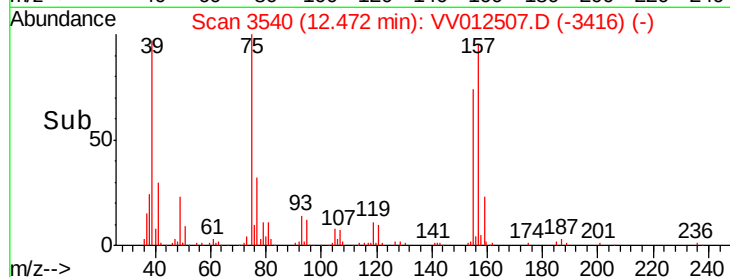
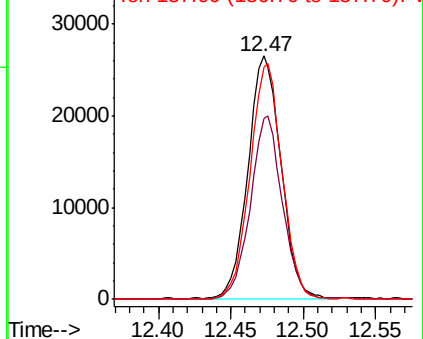
157 95.2 75.4 113.2



Abundance Ion 75.00 (74.70 to 75.70): VV012507.D (-3416) (-)

Ion 155.00 (154.70 to 155.70): VV012507.D (-3416) (-)

Ion 157.00 (156.70 to 157.70): VV012507.D (-3416) (-)



#67

1,3,5-Trichlorobenzene

Concen: 51.046 ug/L

RT: 12.69 min Scan# 3608

Delta R.T. 0.00 min

Lab File: VV012507.D

Acq: 01 Sep 2019 13:48

Tgt Ion: 180 Resp: 179082

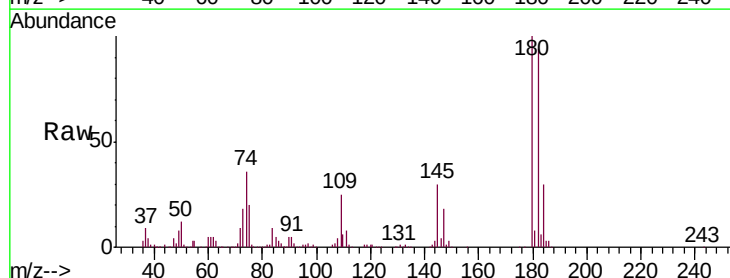
Ion Ratio Lower Upper

180 100

182 92.7 76.7 115.1

184 29.4 24.2 36.4

145 29.2 24.6 37.0

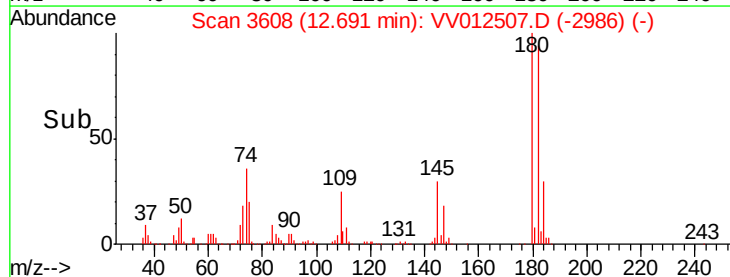
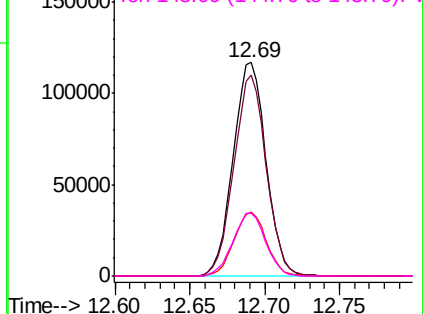


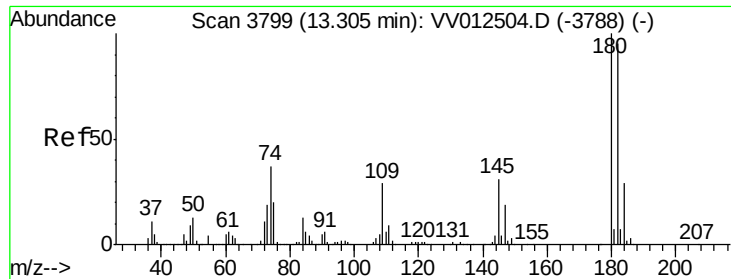
Abundance Ion 180.00 (179.70 to 180.70): VV012507.D (-2986) (-)

Ion 182.00 (181.70 to 182.70): VV012507.D (-2986) (-)

Ion 184.00 (183.70 to 184.70): VV012507.D (-2986) (-)

Ion 145.00 (144.70 to 145.70): VV012507.D (-2986) (-)

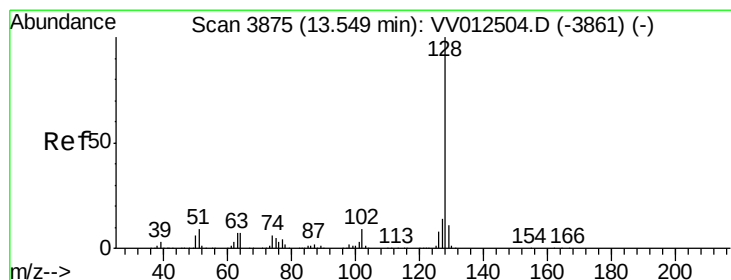
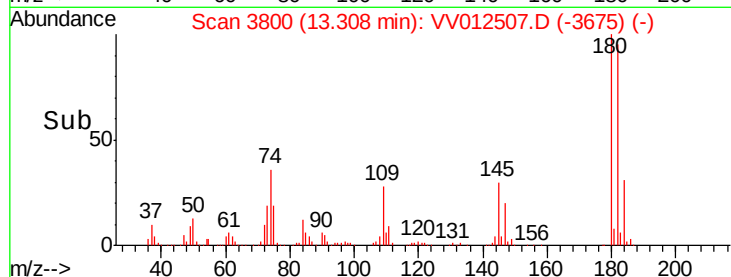
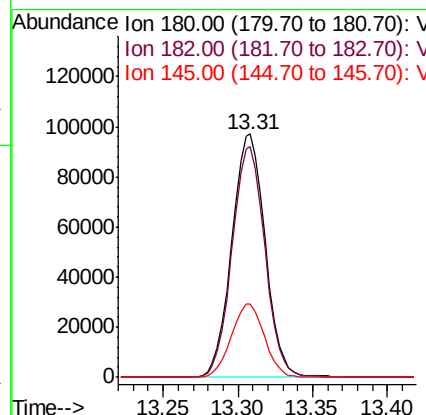
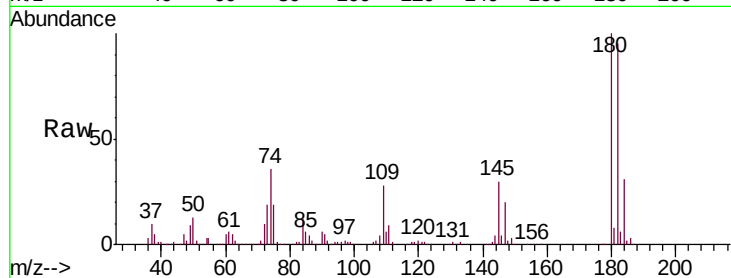




#68
 1,2,4-trichlorobenzene
 Concen: 54.864 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

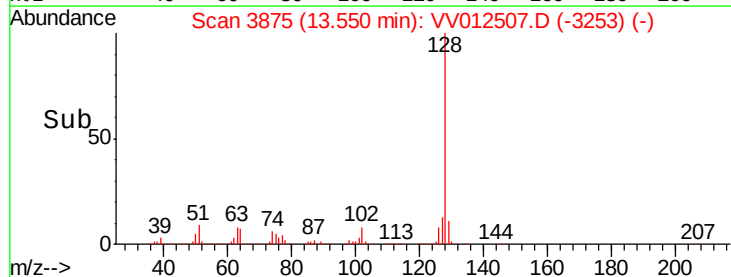
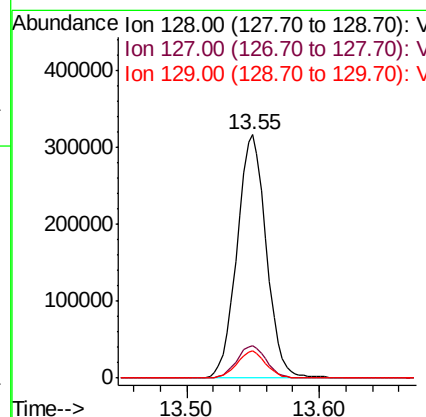
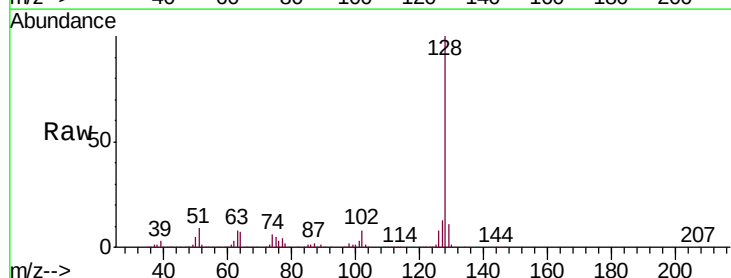
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

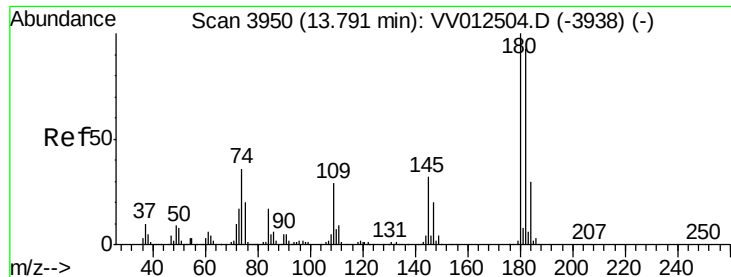
Tgt Ion:180 Resp: 150957
 Ion Ratio Lower Upper
 180 100
 182 93.1 77.9 116.9
 145 29.8 25.0 37.4



#69
 Naphthalene
 Concen: 60.696 ug/L
 RT: 13.55 min Scan# 3875
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Tgt Ion:128 Resp: 485737
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.9 16.3
 129 10.9 8.7 13.1





#70
 1,2,3-Trichlorobenzene
 Concen: 56.200 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV012507.D
 Acq: 01 Sep 2019 13:48

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV61

Tgt Ion	Resp	Lower	Upper
180	161117		
182	92.6	74.2	111.2
145	32.2	25.9	38.9

