

Data File : VV012587.D
Acq On : 05 Sep 2019 18:18
Operator : SY/MD
Sample : VSTDICV005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV36

Quant Time: Sep 06 03:52:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 03:49:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177218	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	86585	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75198	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	70573	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	184589	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	3.96	46	152562	47.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.40%
24) Chloroform-d	4.40	84	121300	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.08	65	61267	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.09	84	212104	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	68114	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	199018	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.66	79	24566	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.14	63	95502	49.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.52%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48234	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	66224	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	95165	5.113	ug/L 99
3) Chloromethane	1.25	50	124300	4.925	ug/L 100
5) Vinyl chloride	1.32	62	133668	5.148	ug/L 98
6) Bromomethane	1.53	94	77650	4.920	ug/L 96
8) Chloroethane	1.60	64	87512	5.072	ug/L 99
9) Trichlorofluoromethane	1.77	101	204295	5.167	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	113490	5.139	ug/L 97
12) 1,1-Dichloroethene	2.14	96	106001	5.022	ug/L 97
13) Acetone	2.23	43	201069	51.276	ug/L 98
14) Carbon disulfide	2.32	76	340299	5.058	ug/L 100
15) Methyl Acetate	2.47	43	51900	5.028	ug/L 99
16) Methylene chloride	2.53	84	116992	4.784	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	176999	5.185	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	85318	5.055	ug/L 99
19) 1,1-Dichloroethane	3.23	63	166330	5.160	ug/L 98
21) 2-Butanone	4.05	43	218516	52.861	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	85695	5.166	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36237	5.092	ug/L	94
25) Chloroform	4.42	83	168697	4.834	ug/L	100
27) 1,2-Dichloroethane	5.18	62	106634	5.121	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	136426	5.272	ug/L	99
30) Cyclohexane	4.72	56	147615	5.491	ug/L	98
31) Carbon tetrachloride	4.87	117	120797	5.254	ug/L	97
33) Benzene	5.14	78	353704	5.383	ug/L	100
34) Trichloroethene	5.96	95	94384	5.314	ug/L	100
35) Methylcyclohexane	6.17	83	144582	5.452	ug/L	99
37) 1,2-Dichloropropane	6.22	63	87871	5.254	ug/L	98
38) Bromodichloromethane	6.55	83	113106	5.193	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	115709	5.277	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	556723	55.879	ug/L	99
42) Toluene	7.43	91	382992	5.527	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	92777	5.510	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	58472	5.165	ug/L	98
47) Tetrachloroethene	8.02	164	68841	5.317	ug/L	97
48) 2-Hexanone	8.19	43	405401	57.672	ug/L	100
49) Dibromochloromethane	8.29	129	66753	5.199	ug/L	97
50) 1,2-Dibromoethane	8.40	107	50804	5.121	ug/L	94
51) Chlorobenzene	8.92	112	226705	5.296	ug/L	95
52) Ethylbenzene	9.05	91	405434	5.523	ug/L	100
53) m,p-xylene	9.18	106	151289	5.662	ug/L	98
54) o-xylene	9.59	106	143991	5.681	ug/L	99
55) Styrene	9.60	104	248167	5.879	ug/L	98
56) Isopropylbenzene	9.97	105	389518	5.763	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	60612	5.117	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	51385	5.158	ug/L	99
61) Bromoform	9.77	173	32766	4.919	ug/L	94
62) 1,3-Dichlorobenzene	11.22	146	168789	5.120	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	169155	5.116	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	156613	5.090	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	9269	4.485	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	114314	5.175	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	84446	5.221	ug/L	99
69) Naphthalene	13.55	128	114490	4.915	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	79842	5.286	ug/L	98

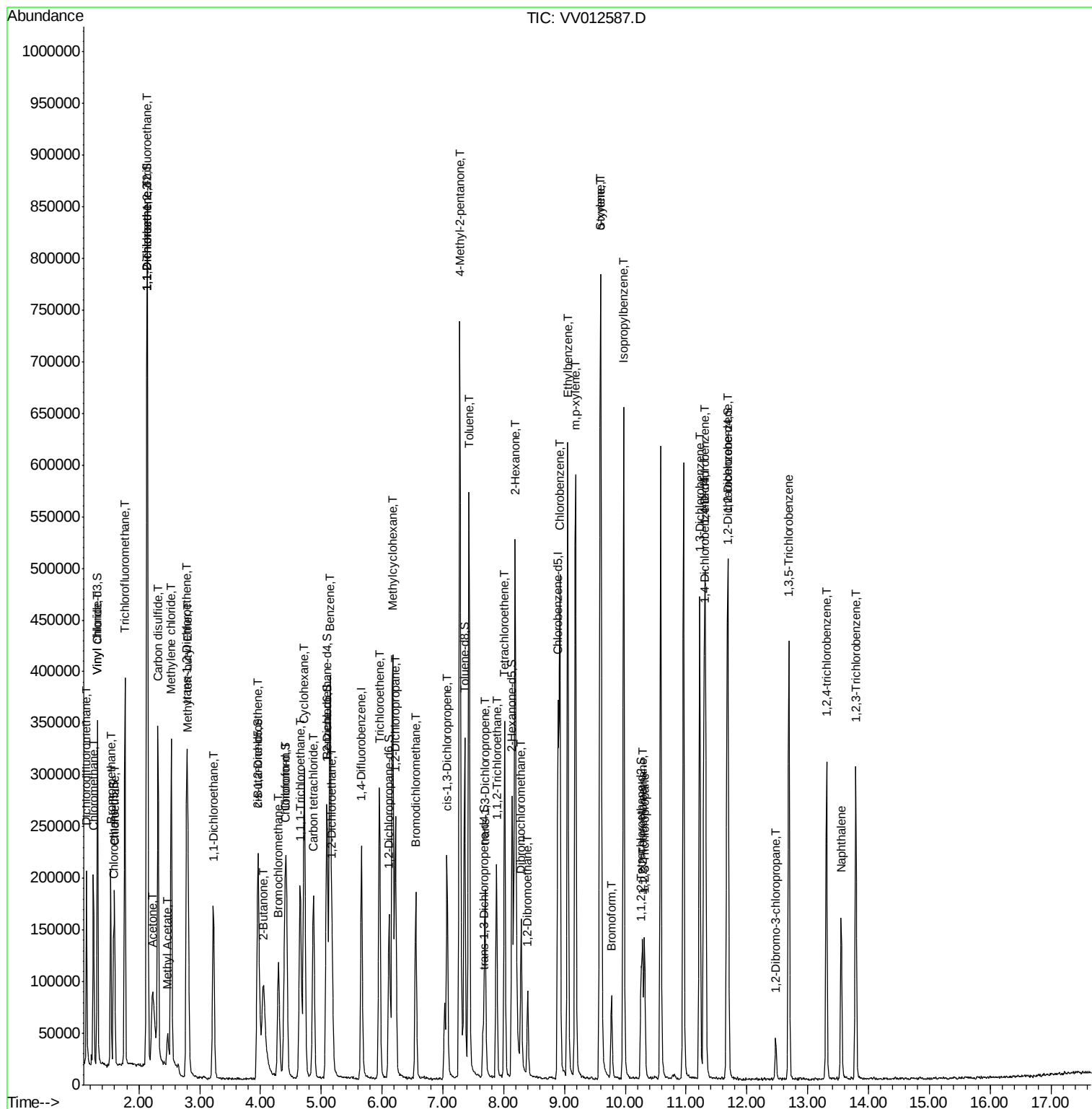
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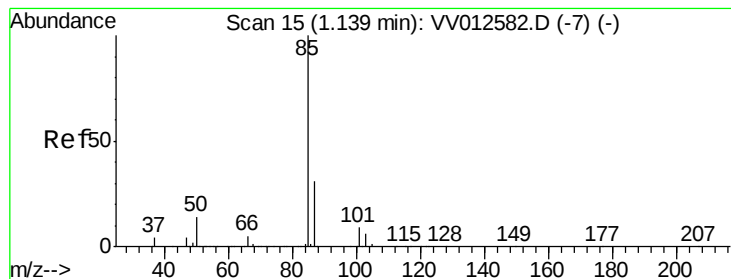
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#2

Dichlorodifluoromethane

Concen: 5.113 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

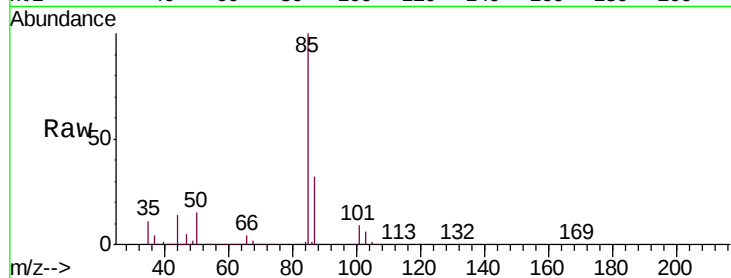
VICV36

Tgt Ion: 85 Resp: 95165

Ion Ratio Lower Upper

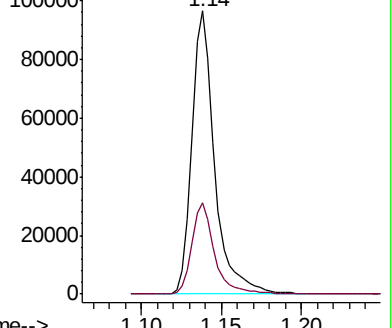
85 100

87 32.2 25.2 37.8

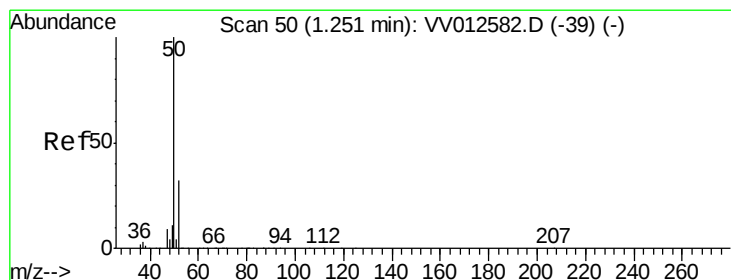
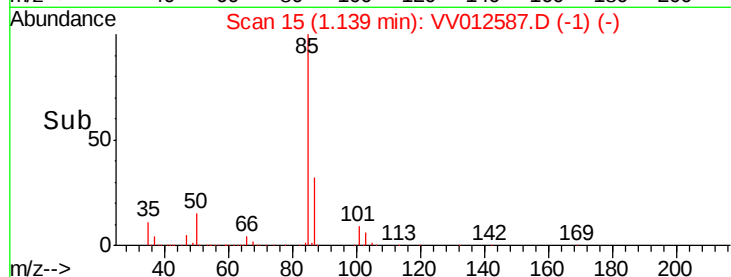


Abundance Ion 85.00 (84.70 to 85.70): VV012582.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV012587.D (-1) (-)



Time-->



#3

Chloromethane

Concen: 4.925 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV012587.D

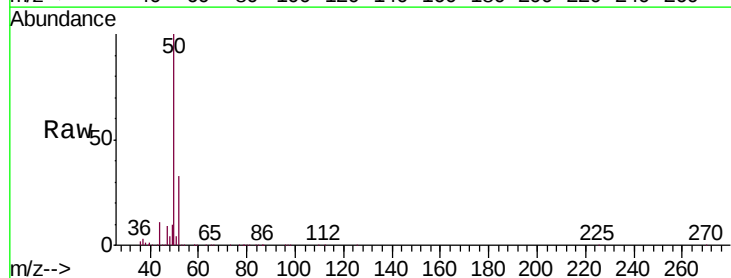
Acq: 05 Sep 2019 18:18

Tgt Ion: 50 Resp: 124300

Ion Ratio Lower Upper

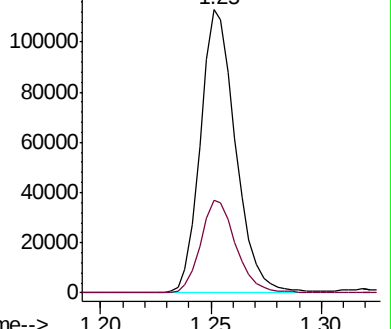
50 100

52 32.7 22.8 42.4

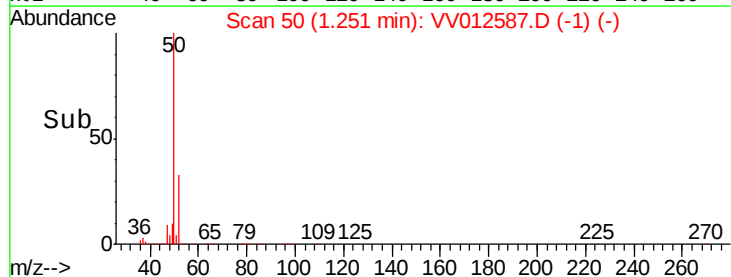


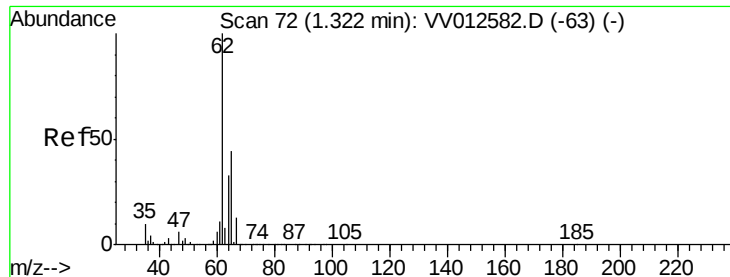
Abundance Ion 50.05 (49.75 to 50.75): VV012582.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV012587.D (-1) (-)



Time-->





#5

Vinyl chloride

Concen: 5.148 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV012587.D

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ClientSampleId :

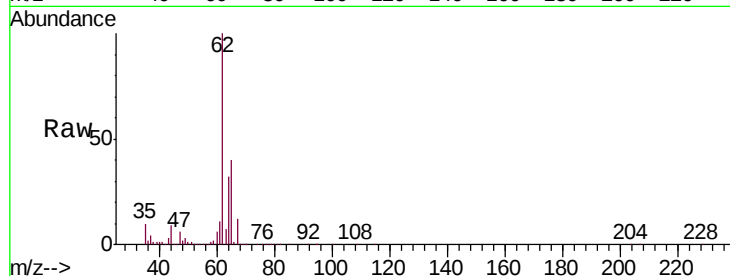
VICV36

Tgt Ion: 62 Resp: 133668

Ion Ratio Lower Upper

62 100

64 31.6 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VV012587.D (-63) (-)

Ion 64.10 (63.80 to 64.80): VV012587.D (-63) (-)

1.32

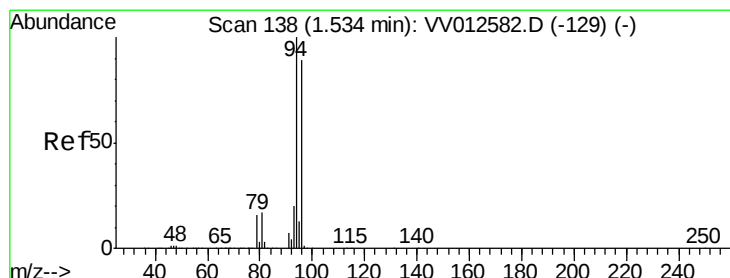
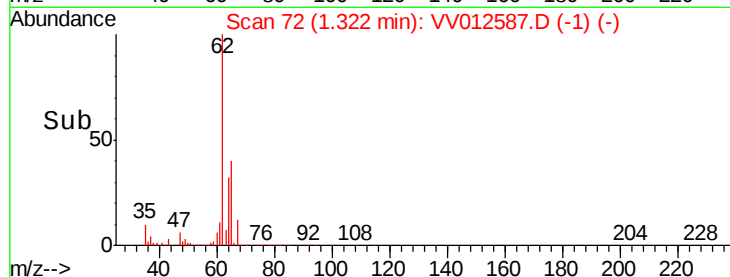
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 4.920 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV012587.D

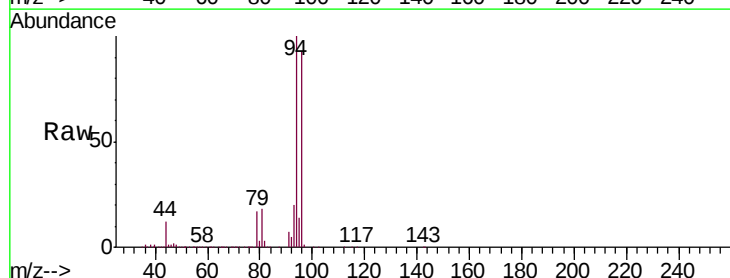
Acq: 05 Sep 2019 18:18

Tgt Ion: 94 Resp: 77650

Ion Ratio Lower Upper

94 100

96 93.0 62.6 116.3



Abundance Ion 94.00 (93.70 to 94.70): VV012587.D (-129) (-)

Ion 96.00 (95.70 to 96.70): VV012587.D (-129) (-)

1.53

80000

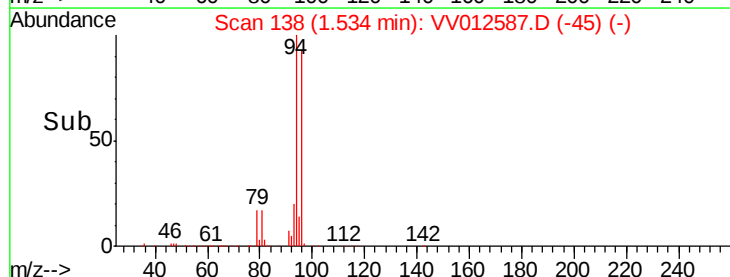
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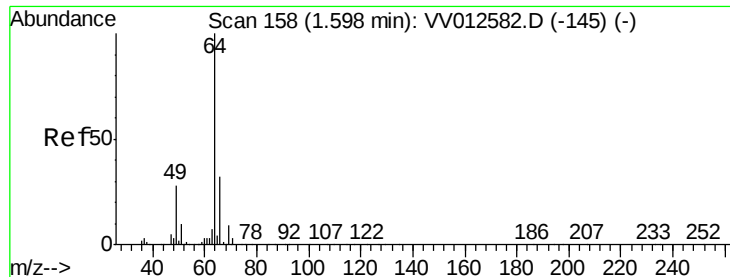
40000

20000

0

Time-->





#8

Chloroethane

Concen: 5.072 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

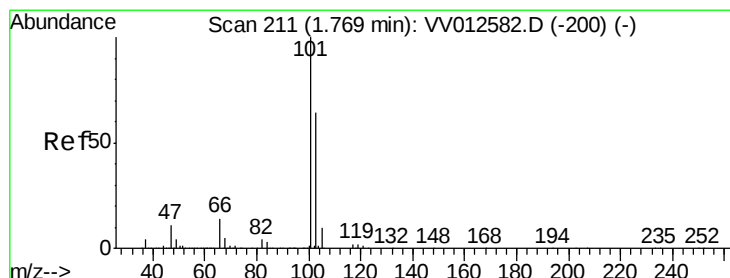
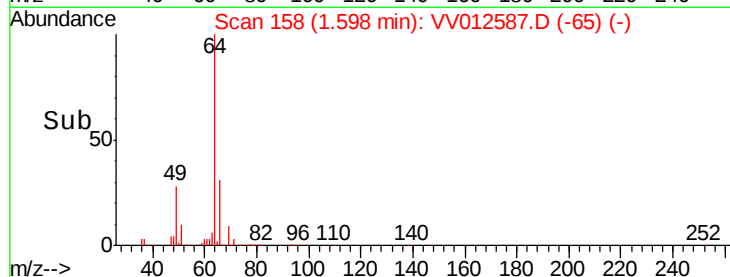
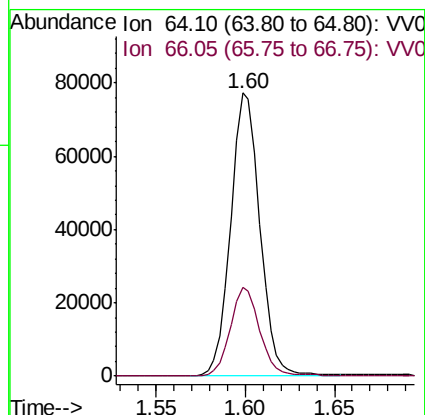
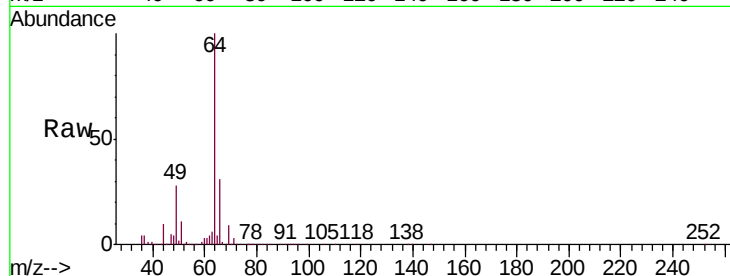
VICV36

Tgt Ion: 64 Resp: 87512

Ion Ratio Lower Upper

64 100

66 31.2 22.2 41.2



#9

Trichlorofluoromethane

Concen: 5.167 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV012587.D

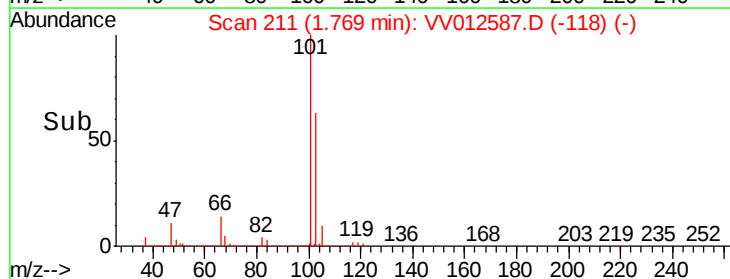
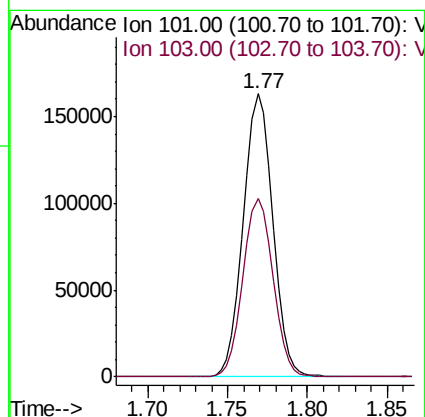
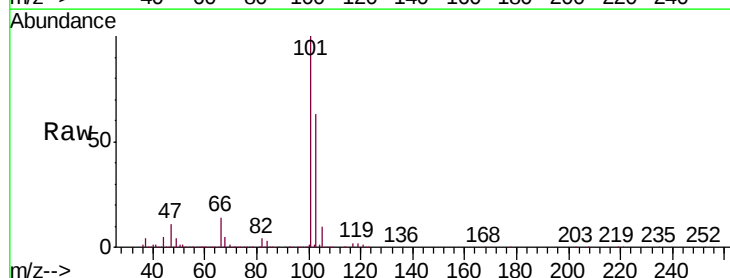
Acq: 05 Sep 2019 18:18

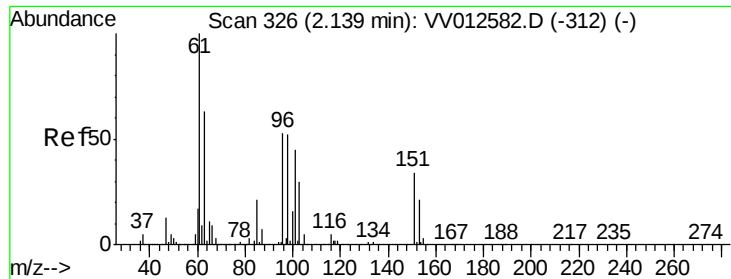
Tgt Ion: 101 Resp: 204295

Ion Ratio Lower Upper

101 100

103 64.5 51.8 77.6





#10

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

Concen: 5.139 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampled :

VICV36

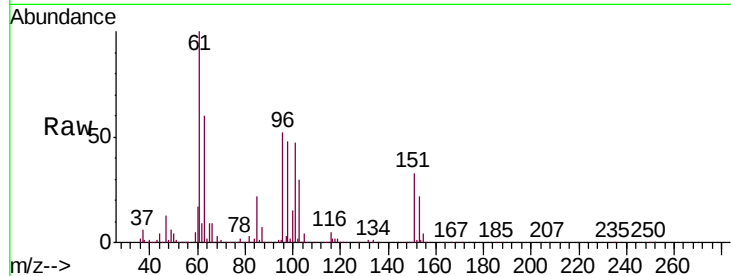
Tgt Ion: 101 Resp: 113490

Ion Ratio Lower Upper

101 100

85 45.8 37.4 56.0

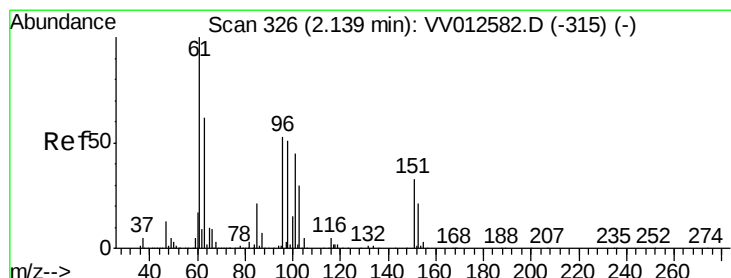
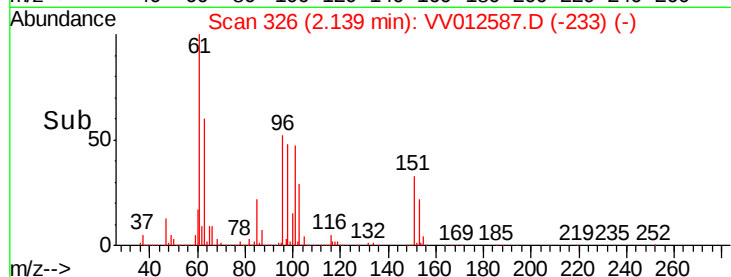
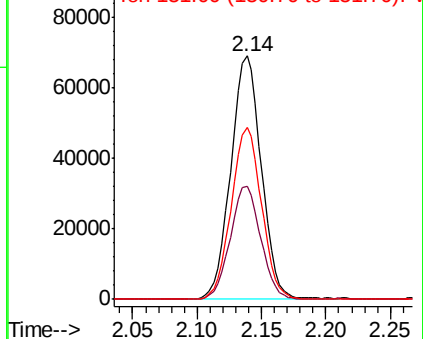
151 69.9 58.2 87.4



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: 5.022 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

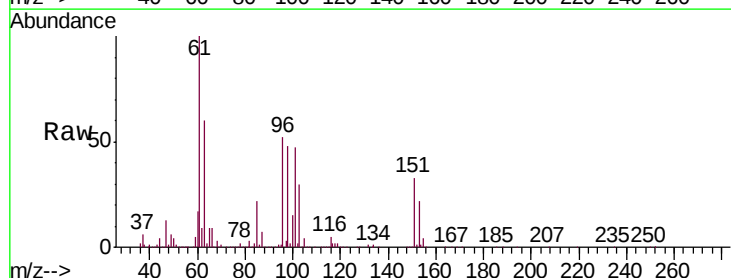
Tgt Ion: 96 Resp: 106001

Ion Ratio Lower Upper

96 100

61 194.1 132.7 246.5

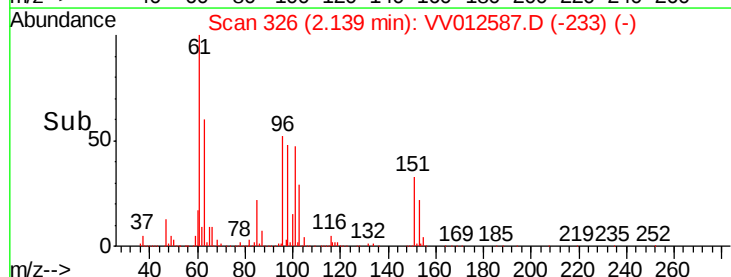
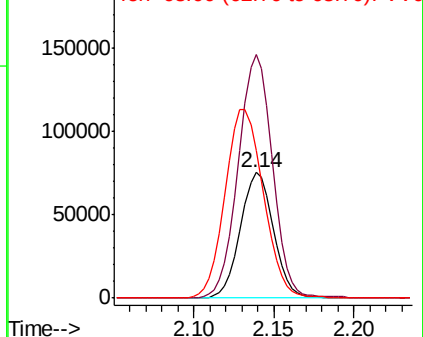
63 117.4 84.1 156.1

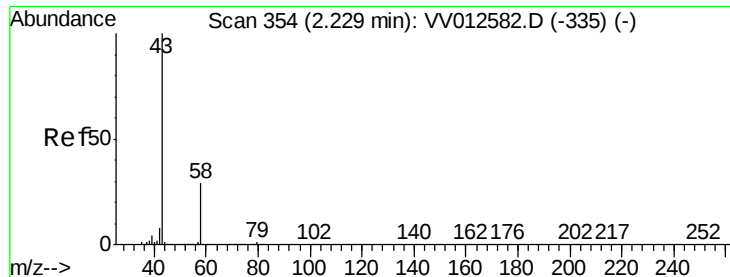


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 51.276 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.00 min

Lab File: VV012587.D

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ClientSampleId :

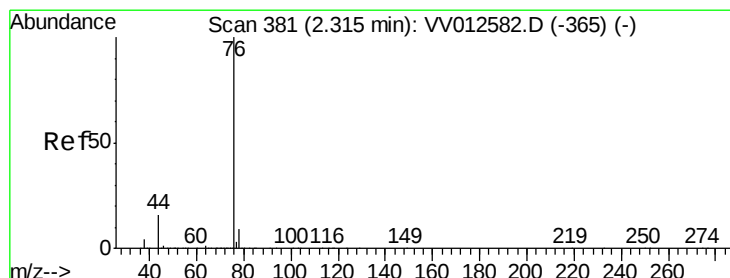
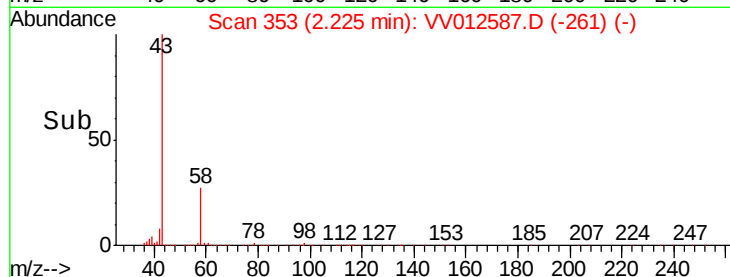
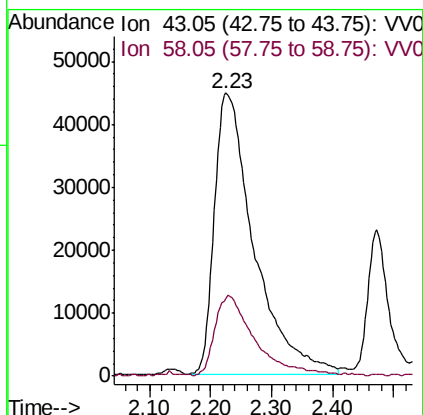
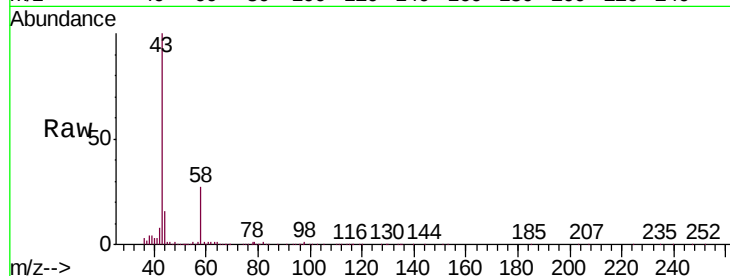
VICV36

Tgt Ion: 43 Resp: 201069

Ion Ratio Lower Upper

43 100

58 27.6 0.0 57.0



#14

Carbon disulfide

Concen: 5.058 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012587.D

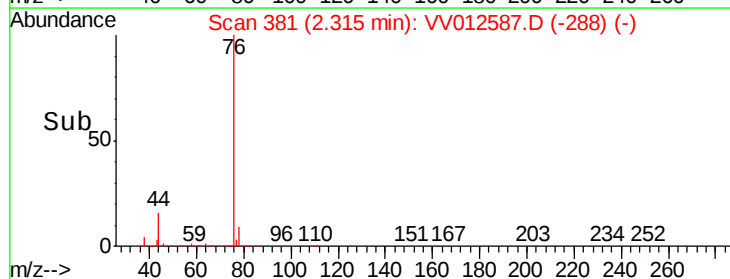
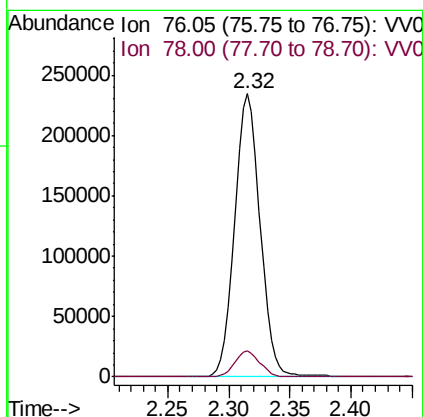
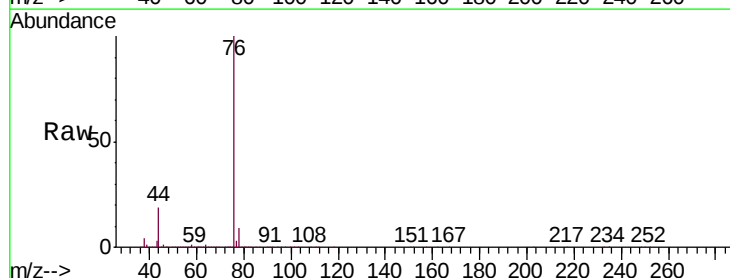
Acq: 05 Sep 2019 18:18

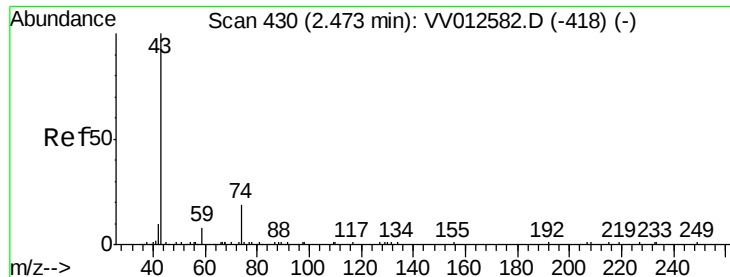
Tgt Ion: 76 Resp: 340299

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 5.028 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampled :

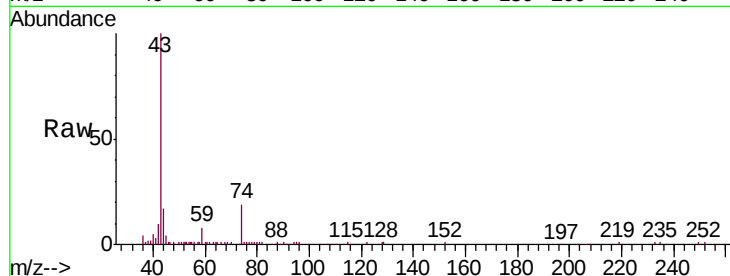
VICV36

Tgt Ion: 43 Resp: 51900

Ion Ratio Lower Upper

43 100

74 18.9 14.9 22.3



Abundance Ion 43.05 (42.75 to 43.75): VV012582.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VV012582.D (-418) (-)

2.47

25000

20000

15000

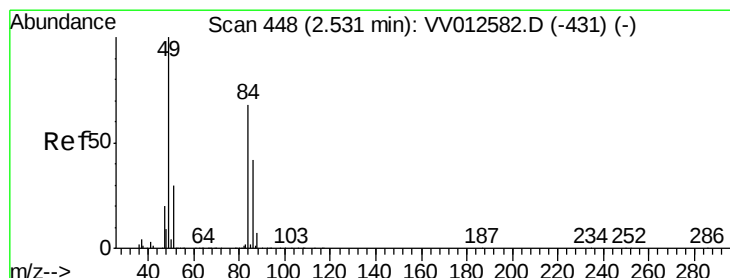
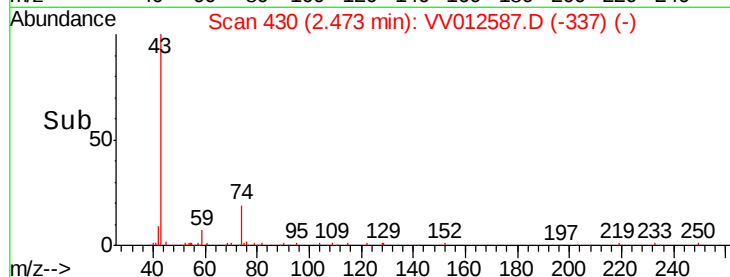
10000

5000

0

Time-->

2.40 2.50 2.60



#16

Methylene chloride

Concen: 4.784 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

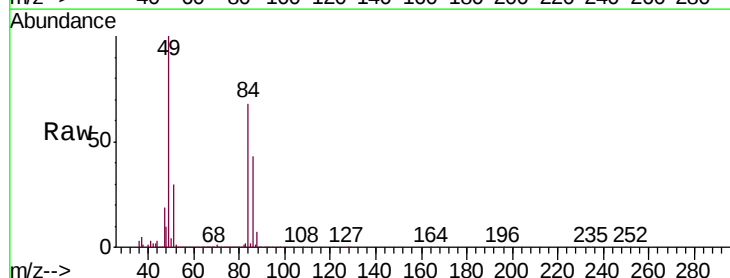
Tgt Ion: 84 Resp: 116992

Ion Ratio Lower Upper

84 100

86 64.0 43.6 81.0

49 147.9 103.0 191.2



Abundance Ion 84.05 (83.75 to 84.75): VV012582.D (-431) (-)

Ion 86.00 (85.70 to 86.70): VV012582.D (-431) (-)

Ion 49.10 (48.80 to 49.80): VV012582.D (-431) (-)

2.53

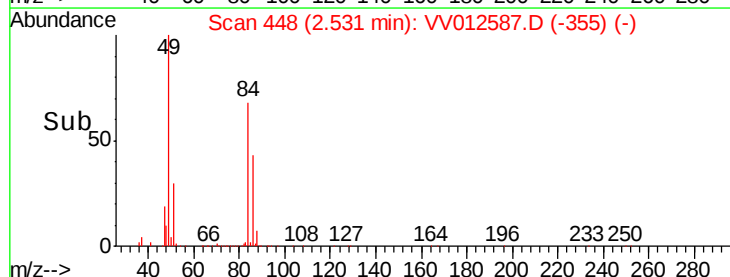
100000

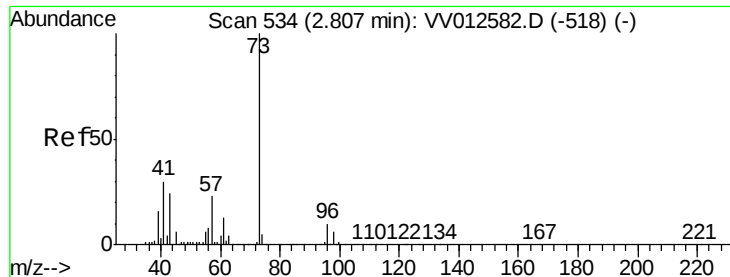
50000

0

Time-->

2.45 2.50 2.55 2.60 2.65





#17

Methyl tert-butyl Ether

Concen: 5.185 ug/L

RT: 2.81 min Scan# 534

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampled :

VICV36

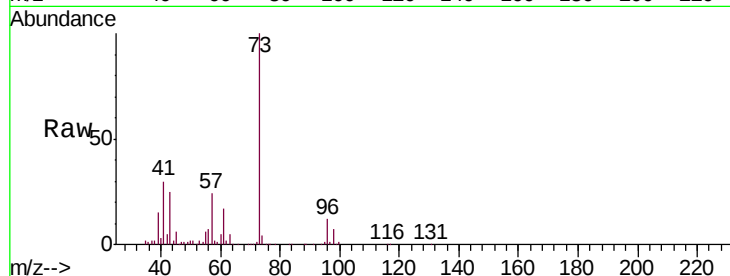
Tgt Ion: 73 Resp: 176999

Ion Ratio Lower Upper

73 100

43 23.7 18.9 28.3

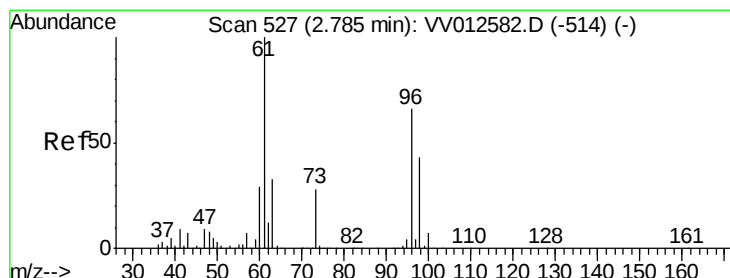
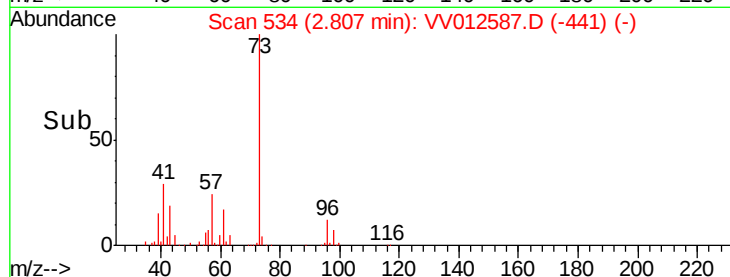
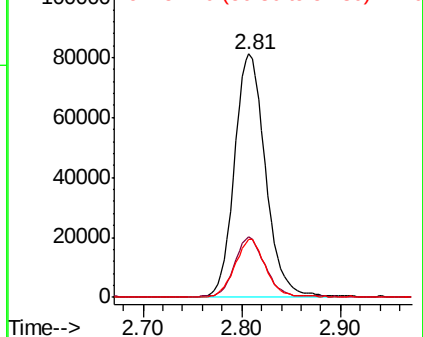
57 23.2 18.9 28.3



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: 5.055 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

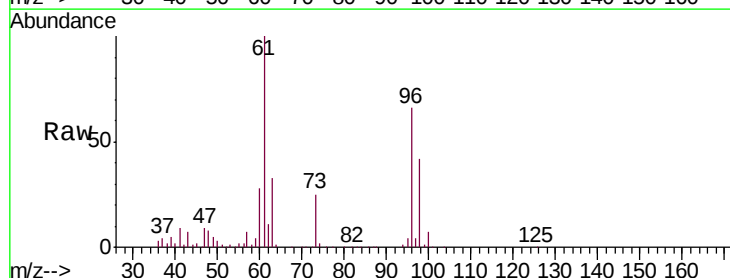
Tgt Ion: 96 Resp: 85318

Ion Ratio Lower Upper

96 100

61 152.7 105.6 196.0

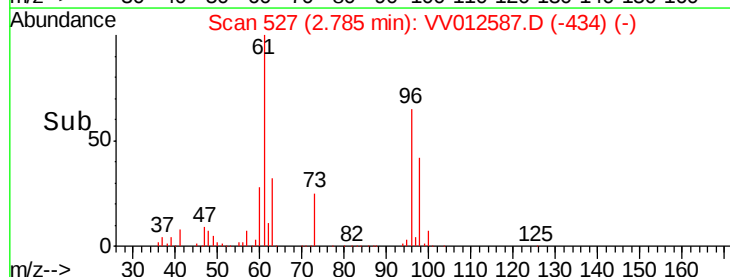
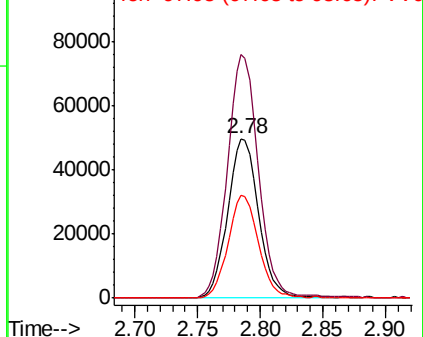
98 64.2 45.2 84.0

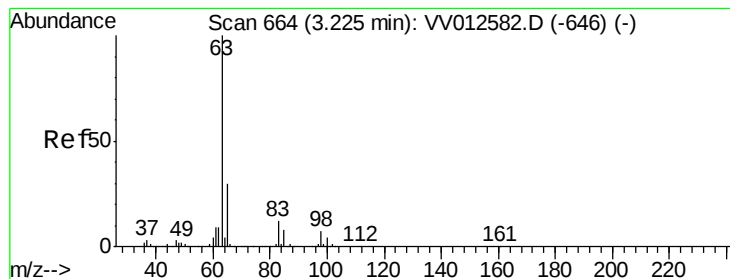


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 5.160 ug/L

RT: 3.23 min Scan# 664

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

VICV36

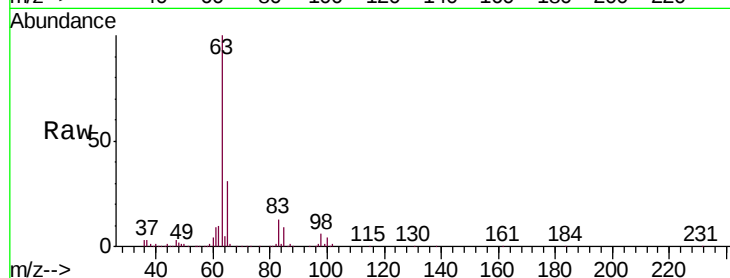
Tgt Ion: 63 Resp: 166330

Ion Ratio Lower Upper

63 100

65 31.3 20.9 38.9

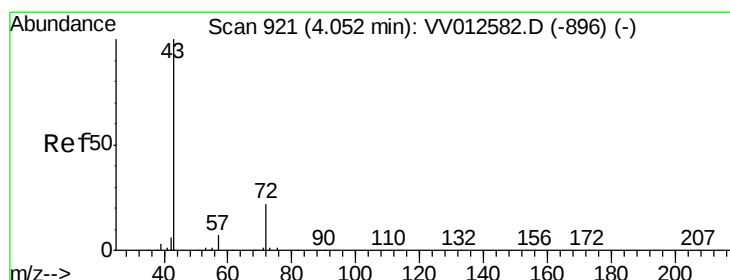
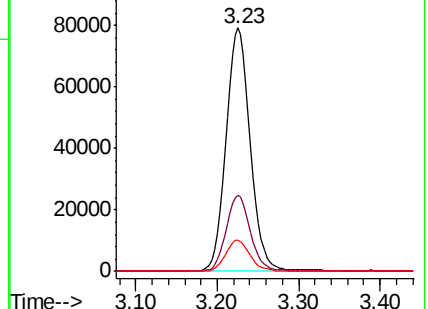
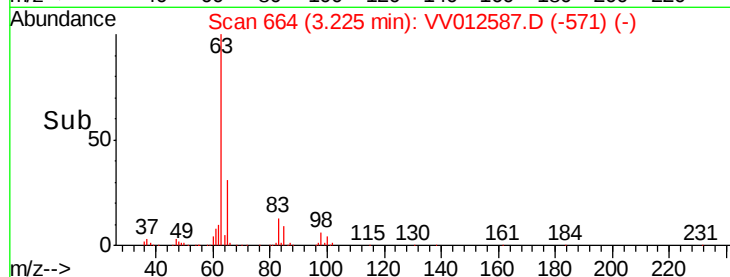
83 12.9 8.8 16.3



Abundance Ion 63.10 (62.80 to 63.80): VV012587.D (-571) (-)

Ion 65.10 (64.80 to 65.80): VV012587.D (-571) (-)

Ion 83.05 (82.75 to 83.75): VV012587.D (-571) (-)



#21

2-Butanone

Concen: 52.861 ug/L

RT: 4.05 min Scan# 920

Delta R.T. -0.00 min

Lab File: VV012587.D

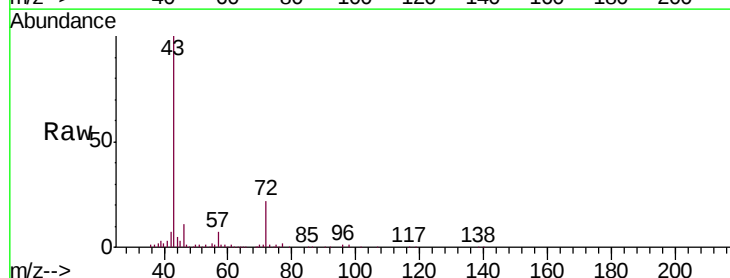
Acq: 05 Sep 2019 18:18

Tgt Ion: 43 Resp: 218516

Ion Ratio Lower Upper

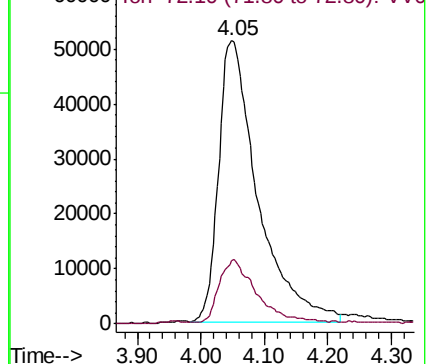
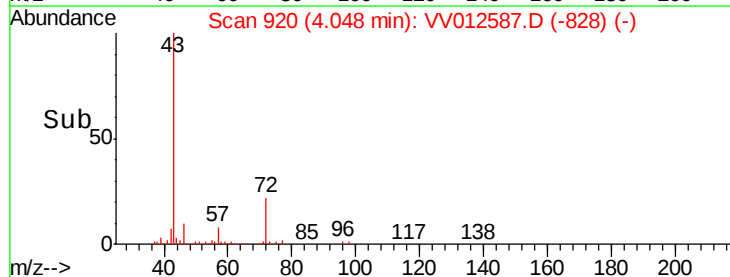
43 100

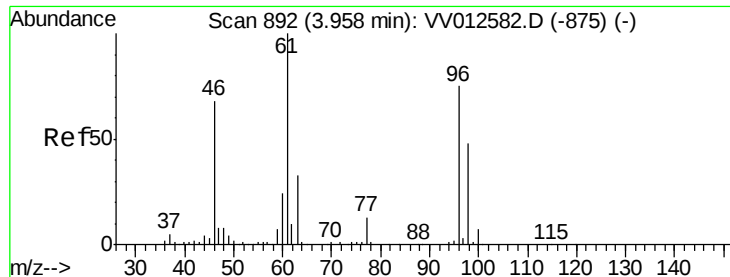
72 21.7 10.5 31.6



Abundance Ion 43.05 (42.75 to 43.75): VV012587.D (-828) (-)

Ion 72.10 (71.80 to 72.80): VV012587.D (-828) (-)



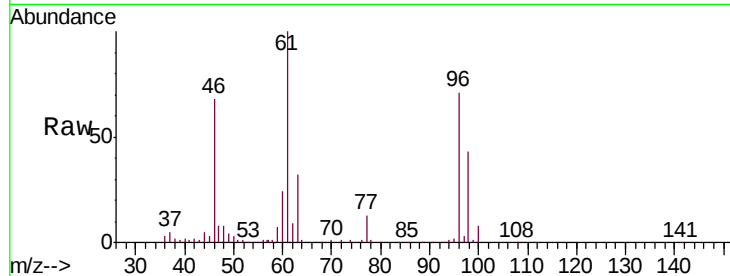


#22

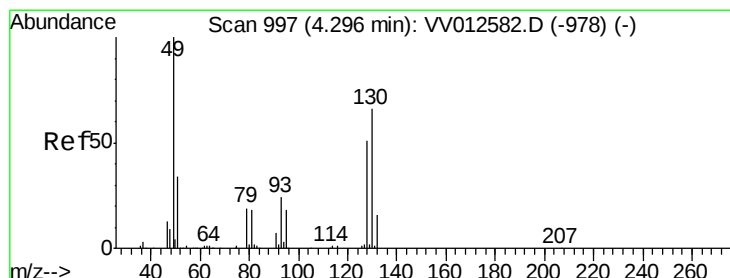
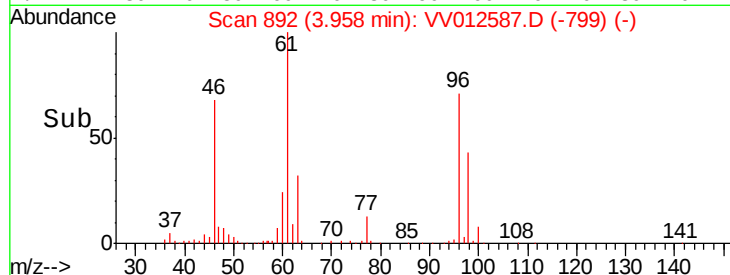
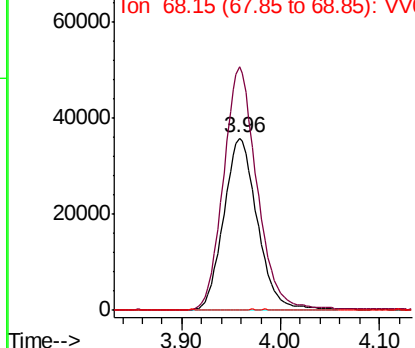
cis-1,2-Dichloroethene
 Concen: 5.166 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Tgt Ion: 96 Resp: 85695
 Ion Ratio Lower Upper
 96 100
 61 141.1 93.9 174.5
 68 0.0 0.0 0.0



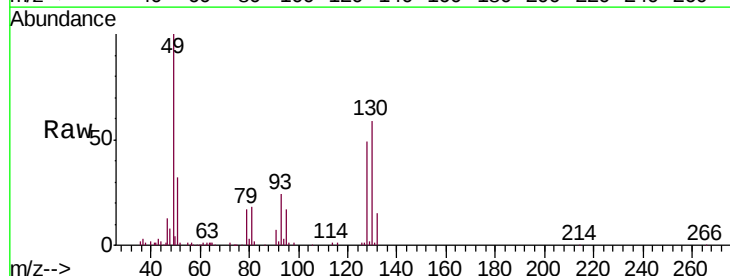
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



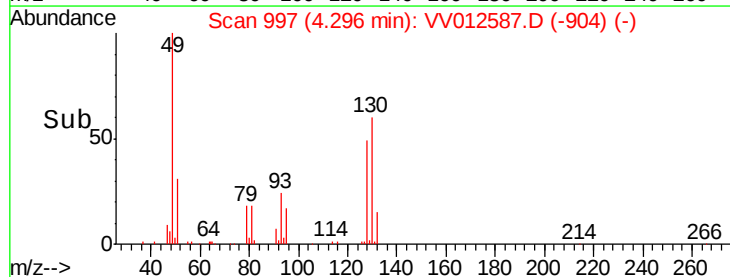
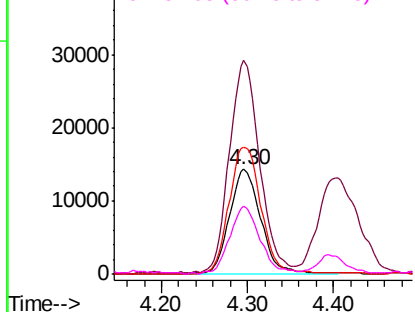
#23

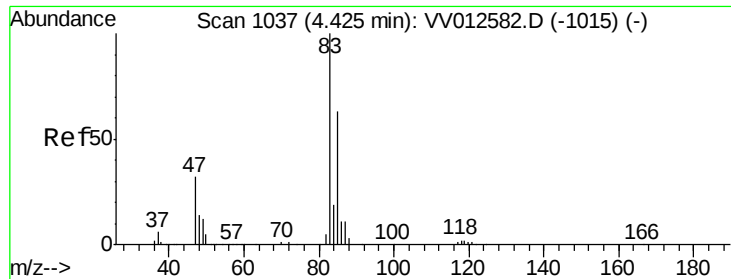
Bromochloromethane
 Concen: 5.092 ug/L
 RT: 4.30 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Tgt Ion: 128 Resp: 36237
 Ion Ratio Lower Upper
 128 100
 49 204.7 137.1 254.7
 130 121.3 90.9 168.9
 51 65.0 54.4 81.6



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: 4.834 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

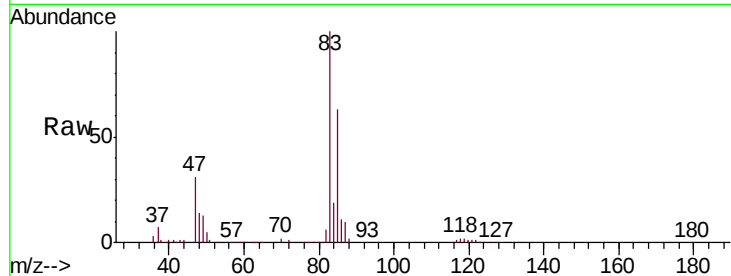
VICV36

Tgt Ion: 83 Resp: 168697

Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.42

60000

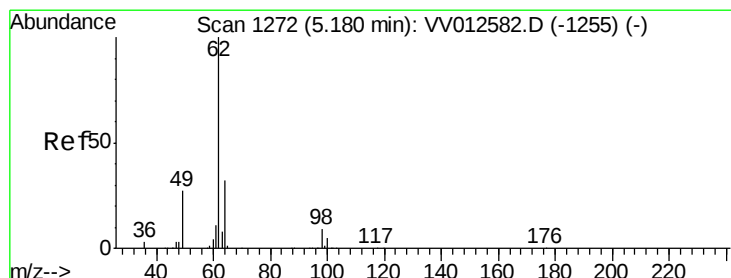
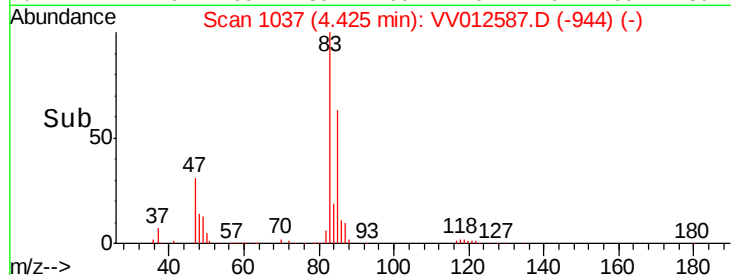
40000

20000

0

Time-->

4.30 4.40 4.50 4.60



#27

1,2-Dichloroethane

Concen: 5.121 ug/L

RT: 5.18 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VV012587.D

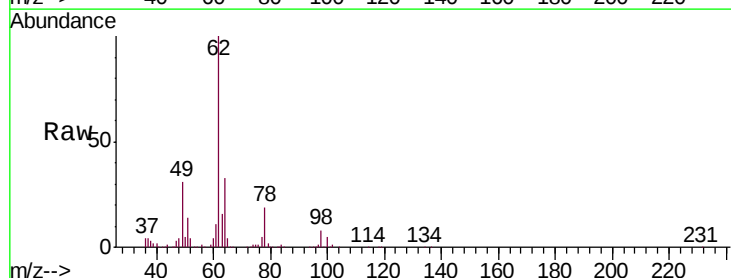
Acq: 05 Sep 2019 18:18

Tgt Ion: 62 Resp: 106634

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.18

50000

40000

30000

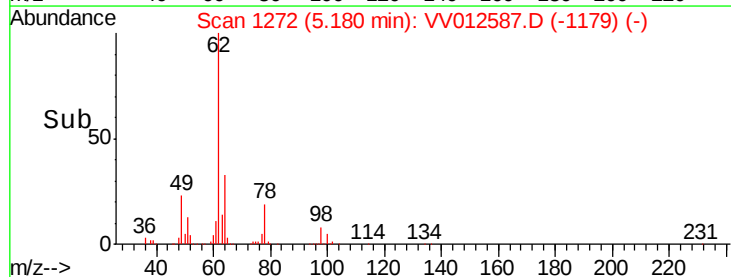
20000

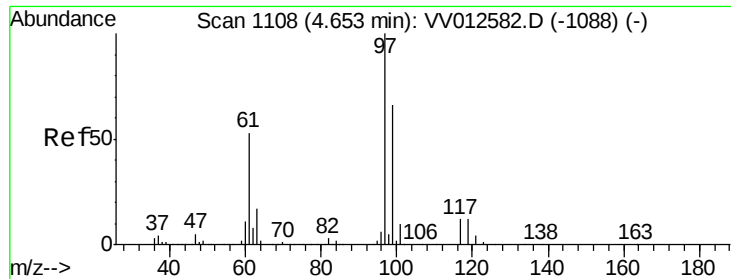
10000

0

Time-->

5.10 5.15 5.20 5.25

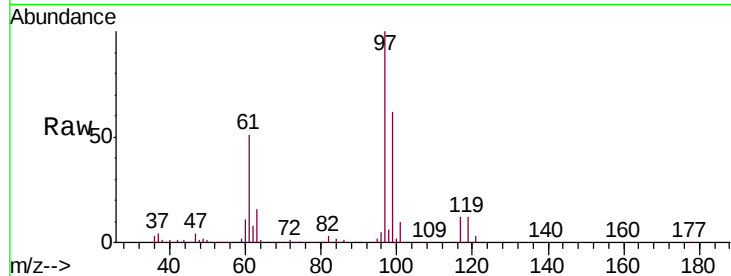




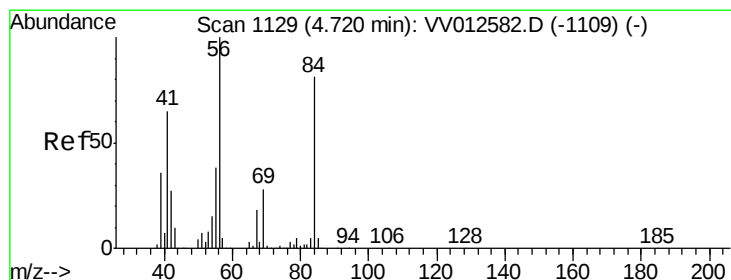
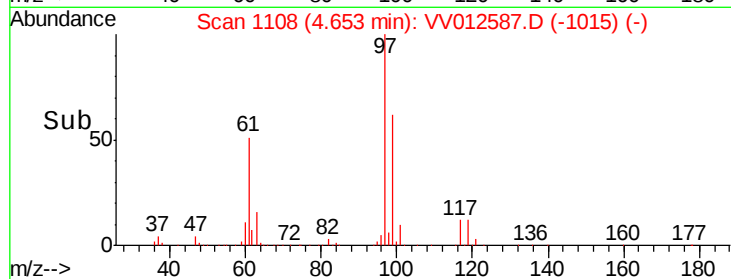
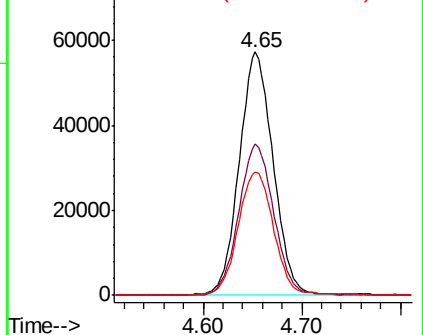
#29
 1,1,1-Trichloroethane
 Concen: 5.272 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Tgt Ion	Resp	Lower	Upper
97	136426		
99	64.2	51.8	77.6
61	53.4	43.4	65.0

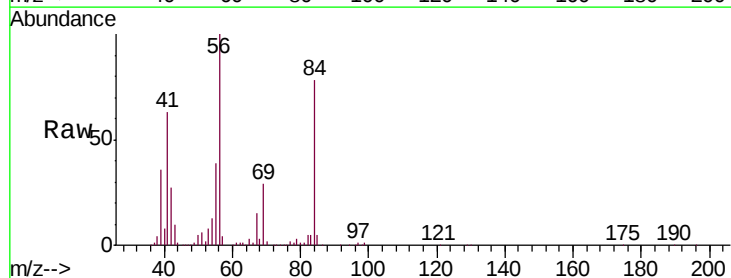


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

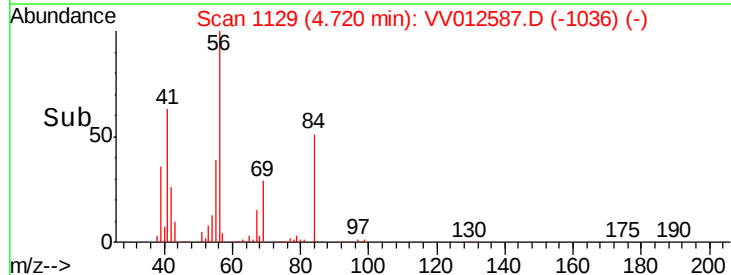
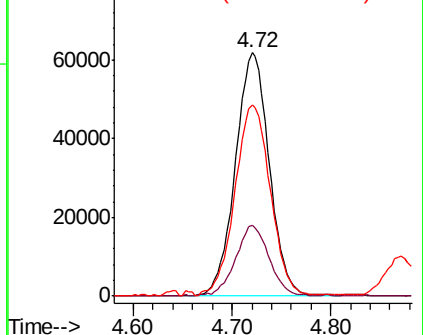


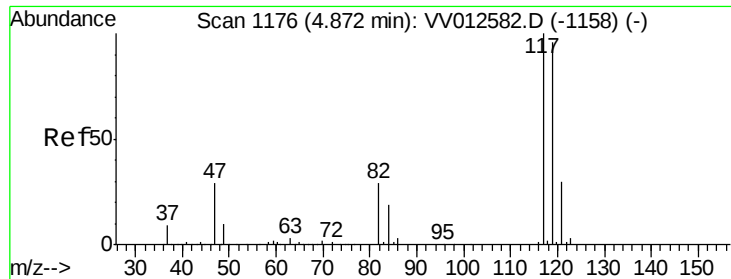
#30
 Cyclohexane
 Concen: 5.491 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Tgt Ion	Resp	Lower	Upper
56	147615		
69	28.9	23.4	35.0
84	82.3	68.0	102.0



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



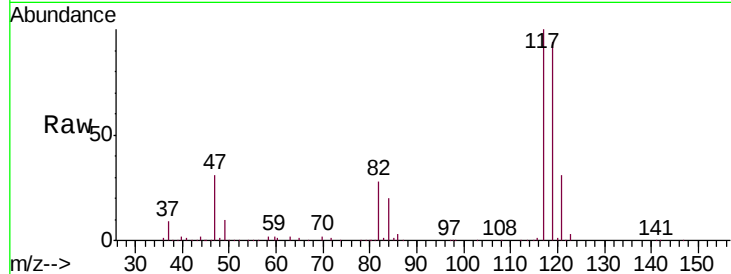


#31

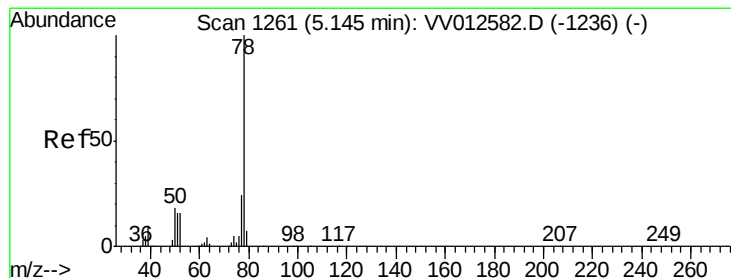
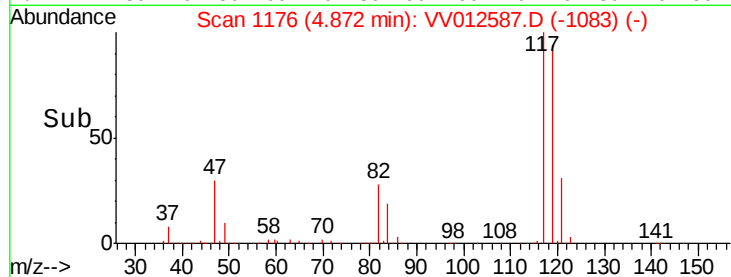
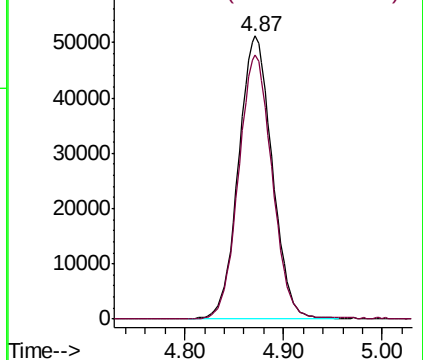
Carbon tetrachloride
 Concen: 5.254 ug/L
 RT: 4.87 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Tgt Ion:117 Resp: 120797
 Ion Ratio Lower Upper
 117 100
 119 92.8 76.9 115.3



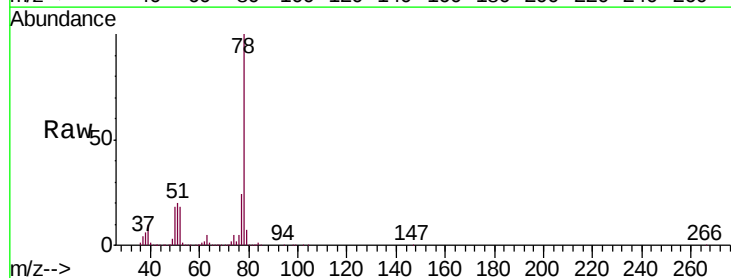
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V



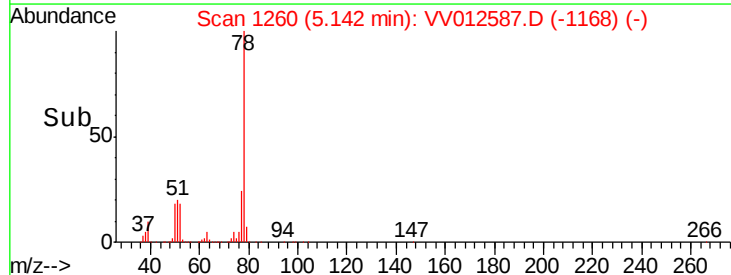
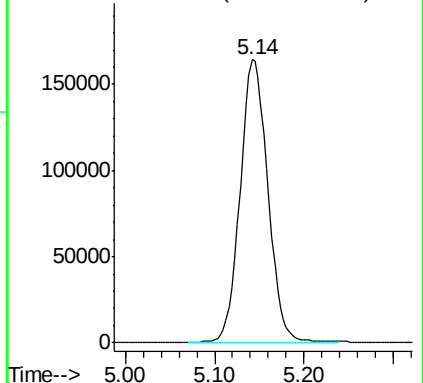
#33

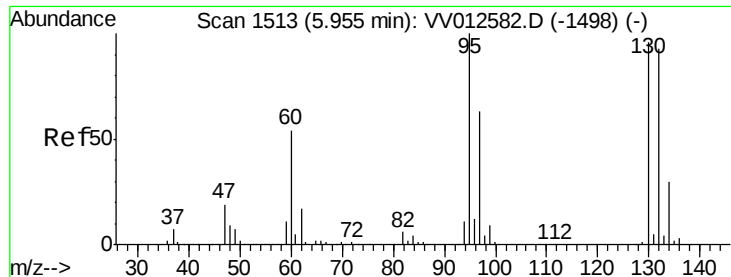
Benzene
 Concen: 5.383 ug/L
 RT: 5.14 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Tgt Ion: 78 Resp: 353704



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.314 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

VICV36

Tgt Ion: 95 Resp: 94384

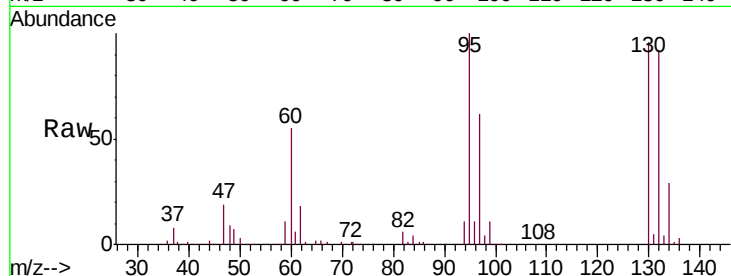
Ion Ratio Lower Upper

95 100

97 61.8 43.9 81.5

132 92.3 64.8 120.4

130 96.0 67.1 124.7

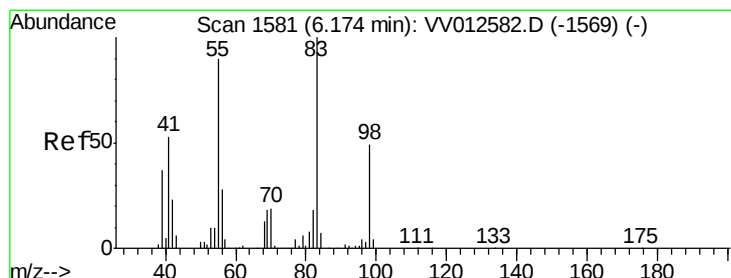
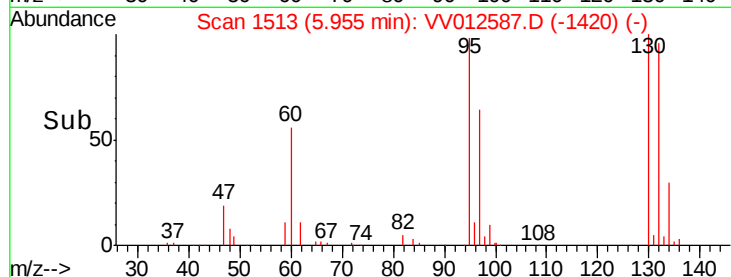
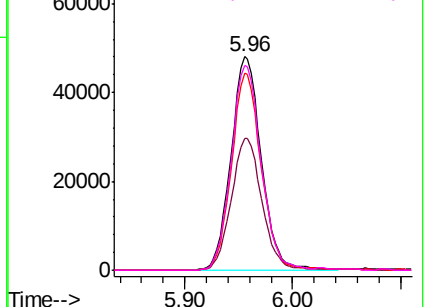


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 5.452 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

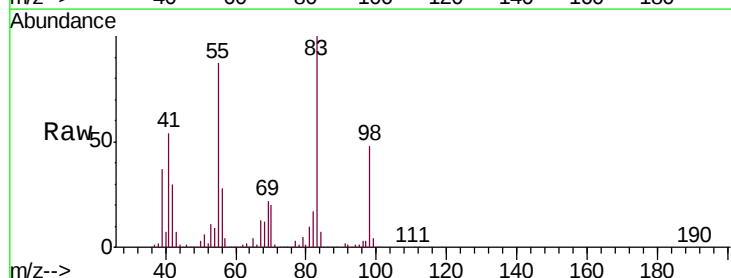
Tgt Ion: 83 Resp: 144582

Ion Ratio Lower Upper

83 100

55 87.2 69.0 103.6

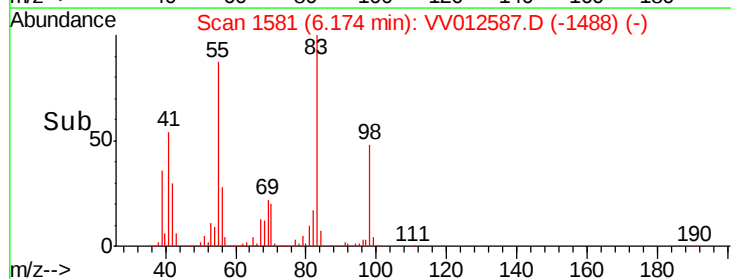
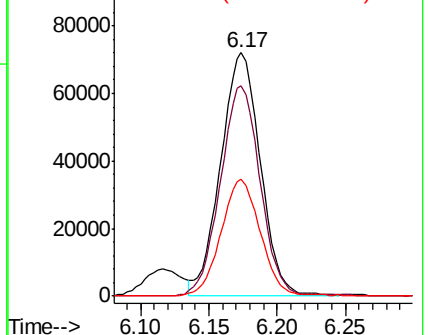
98 48.0 38.0 57.0

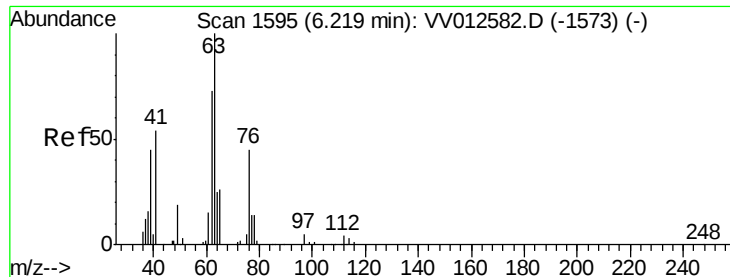


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

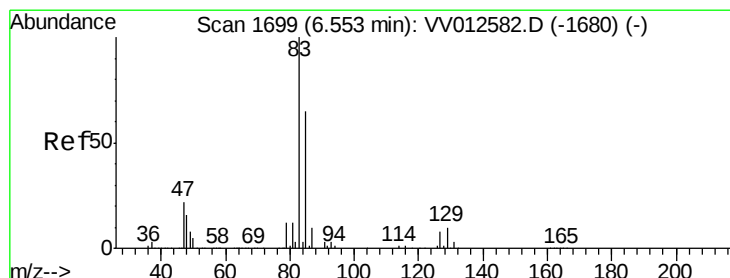
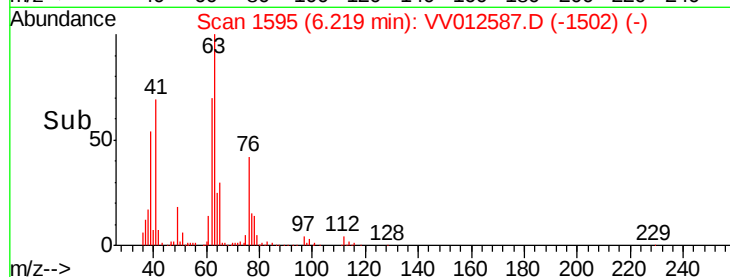
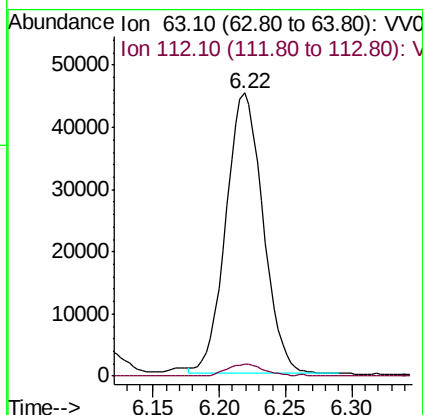
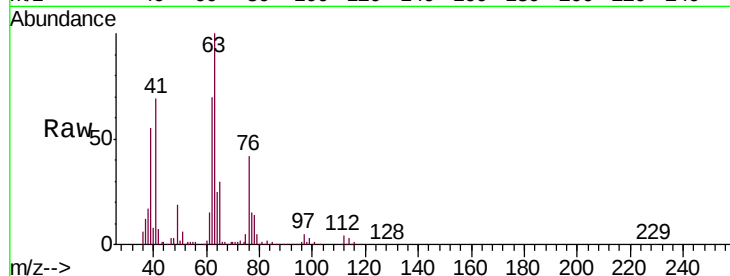




#37
 1,2-Dichloropropane
 Concen: 5.254 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

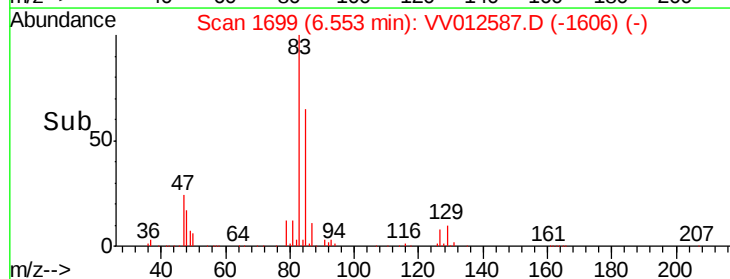
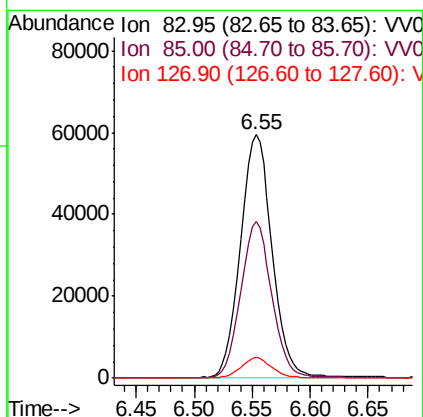
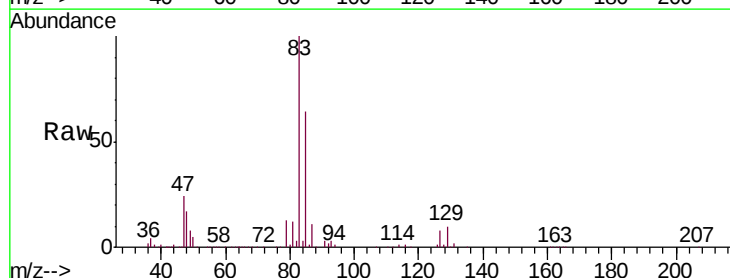
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

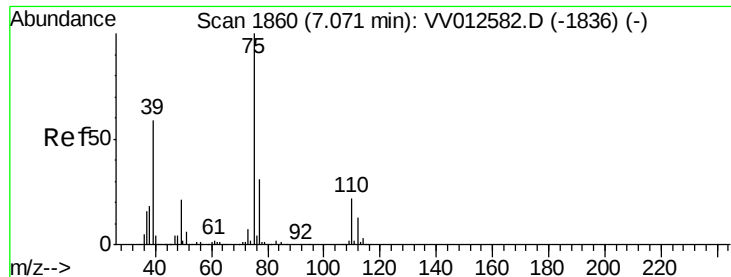
Tgt Ion: 63 Resp: 87871
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.9 5.9



#38
 Bromodichloromethane
 Concen: 5.193 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Tgt Ion: 83 Resp: 113106
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.6 84.8
 127 8.4 6.4 9.6

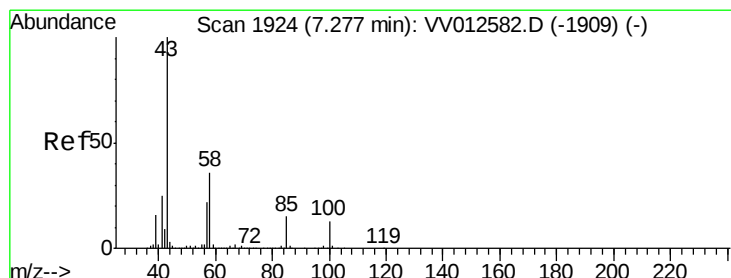
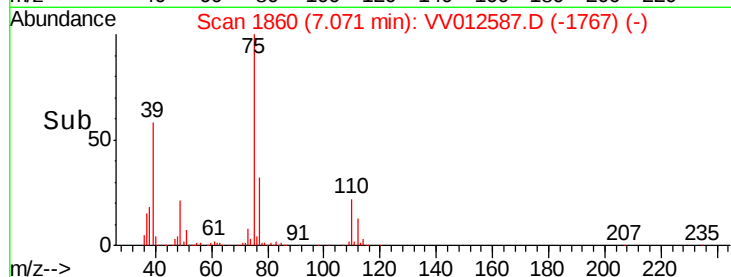
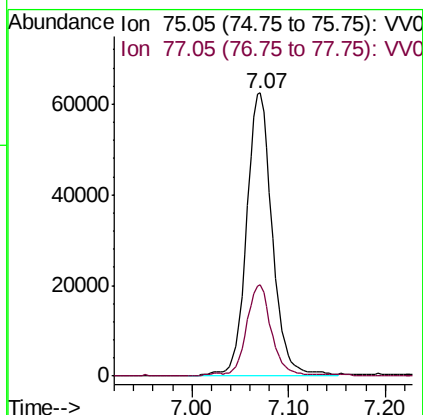
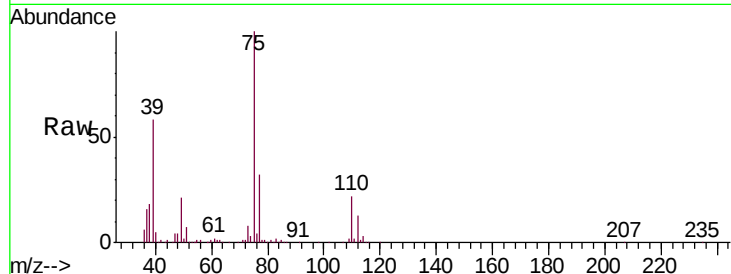




#39
 cis-1,3-Dichloropropene
 Concen: 5.277 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

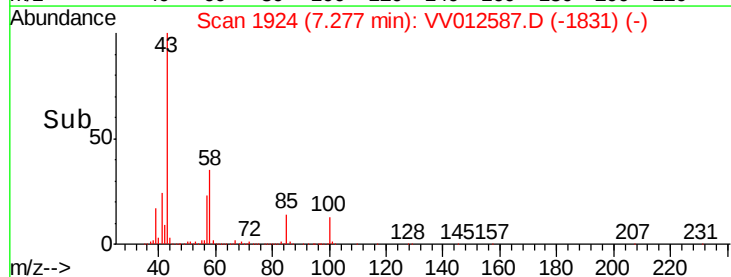
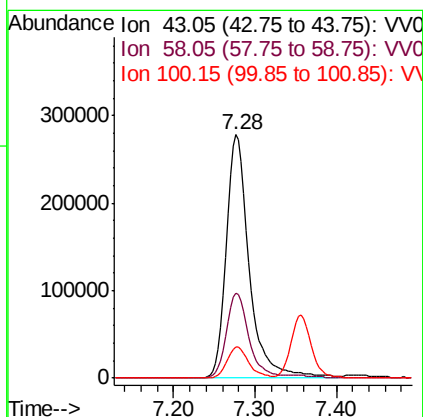
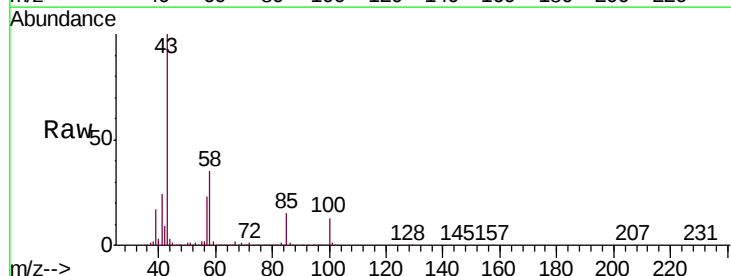
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

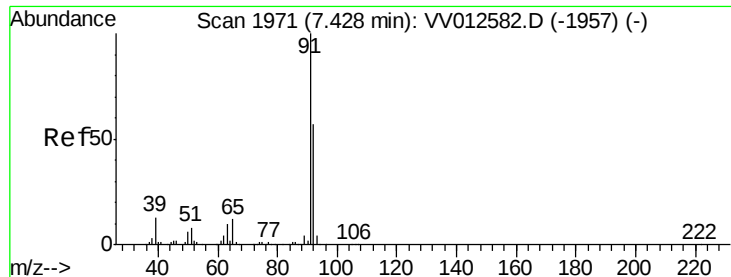
Tgt Ion: 75 Resp: 115709
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 55.879 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Tgt Ion: 43 Resp: 556723
 Ion Ratio Lower Upper
 43 100
 58 34.4 28.4 42.6
 100 12.2 9.8 14.6





#42

Toluene

Concen: 5.527 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

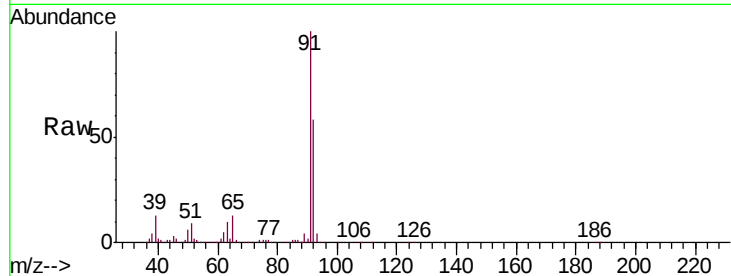
VICV36

Tgt Ion: 91 Resp: 382992

Ion Ratio Lower Upper

91 100

92 57.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VV012587.D (-1878) (-)

Ion 92.15 (91.85 to 92.85): VV012587.D (-1878) (-)

7.43

250000

200000

150000

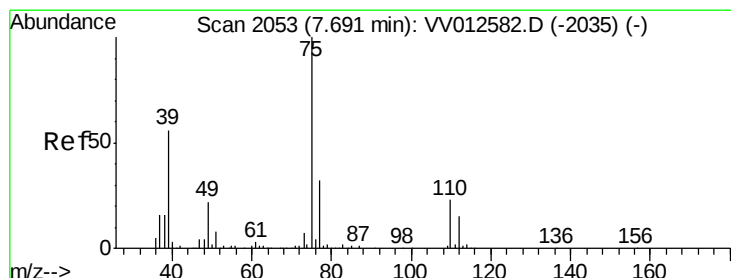
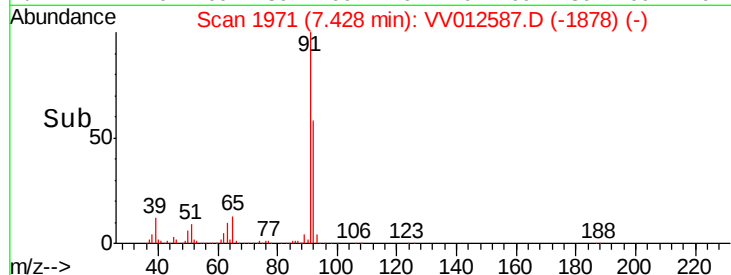
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.510 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV012587.D

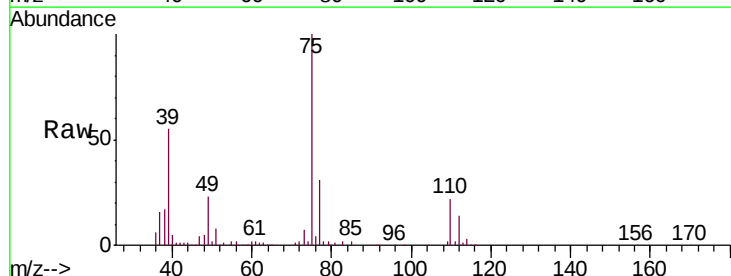
Acq: 05 Sep 2019 18:18

Tgt Ion: 75 Resp: 92777

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV012587.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV012587.D (-1960) (-)

7.69

60000

50000

40000

30000

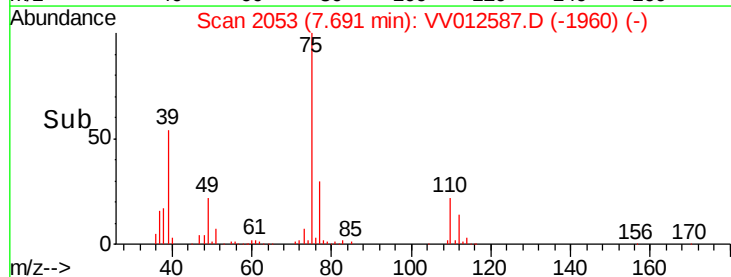
20000

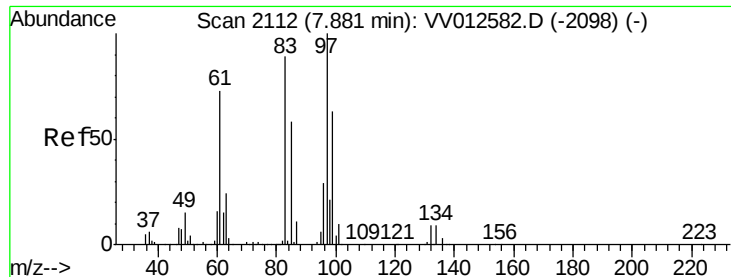
10000

0

7.60 7.70 7.80

Time-->

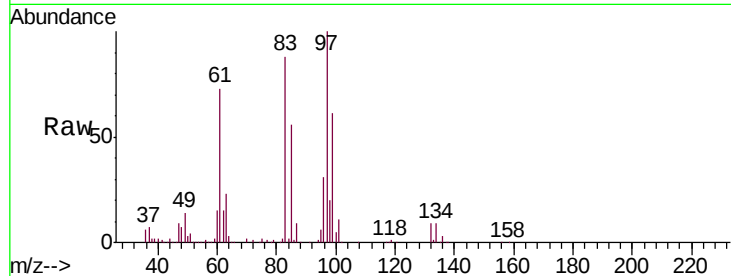




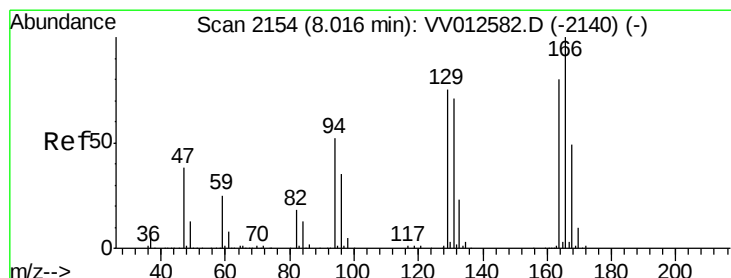
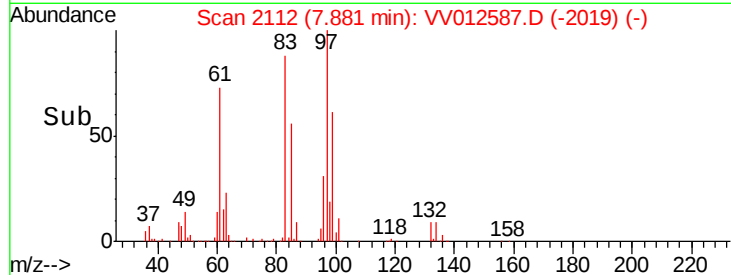
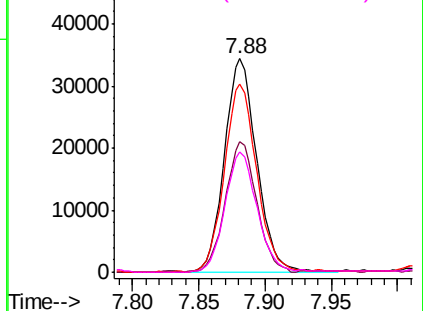
#45
 1,1,2-Trichloroethane
 Concen: 5.165 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Tgt Ion:	97	Resp:	58472
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.3	82.3
83	88.4	62.6	116.3
85	56.1	40.7	75.5

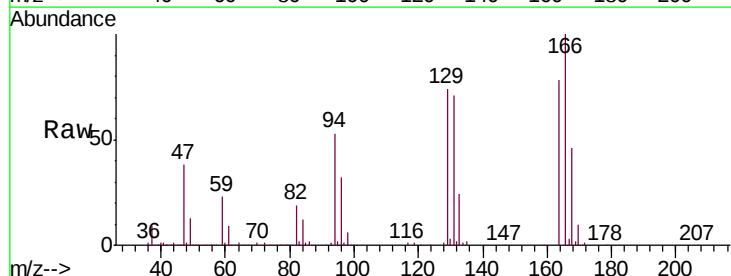


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

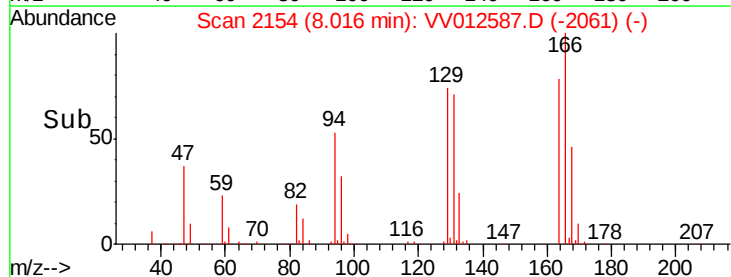
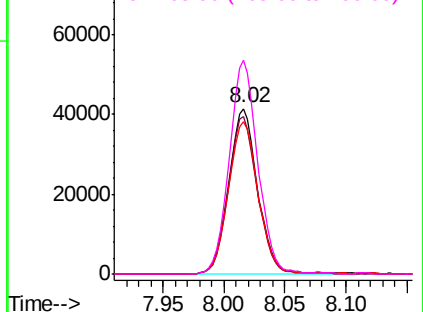


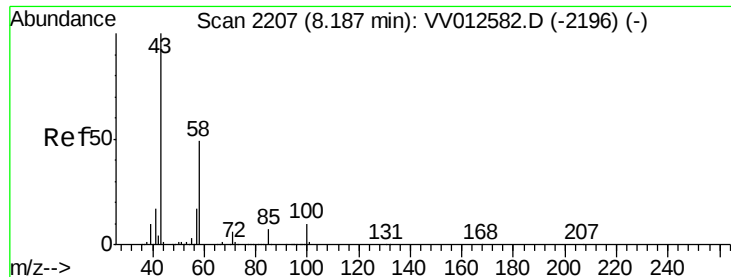
#47
 Tetrachloroethene
 Concen: 5.317 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Tgt Ion:	164	Resp:	68841
Ion	Ratio	Lower	Upper
164	100		
129	95.1	65.0	120.6
131	91.7	62.0	115.2
166	128.9	87.0	161.6



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

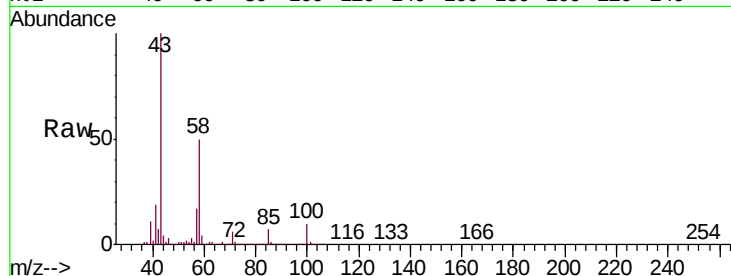




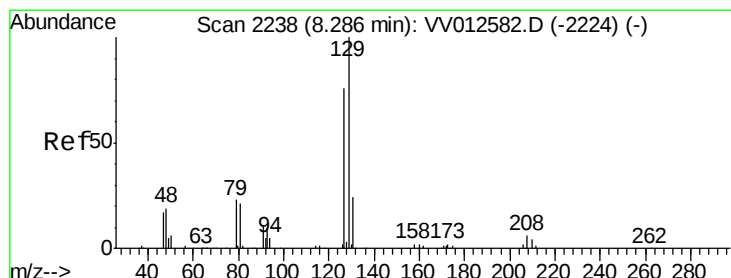
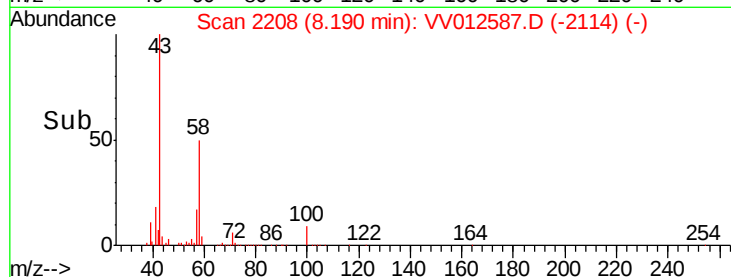
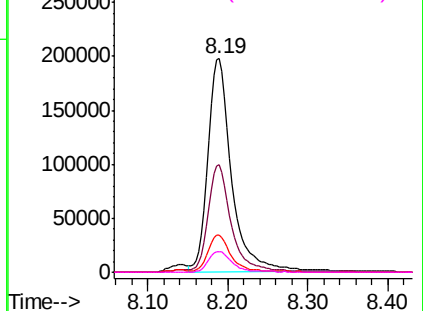
#48
2-Hexanone
Concen: 57.672 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012587.D
Acq: 05 Sep 2019 18:18

Instrument :
MSVOA_V
ClientSampleId :
VICV36

Tgt Ion:	43	Resp:	405401
Ion	Ratio	Lower	Upper
43	100		
58	49.0	39.3	58.9
57	16.4	12.9	19.3
100	9.7	8.0	12.0

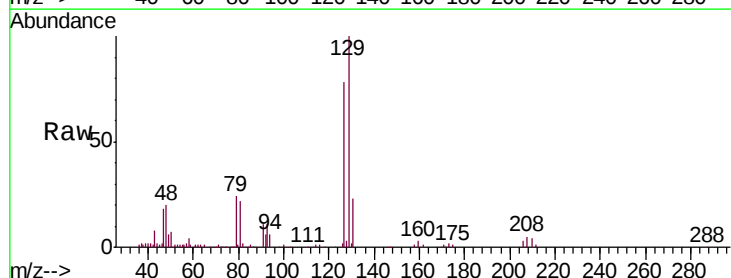


Abundance Ion 43.05 (42.75 to 43.75): VV012587.D (-2114) (-)
Ion 58.05 (57.75 to 58.75): VV012587.D (-2114) (-)
Ion 57.20 (56.90 to 57.90): VV012587.D (-2114) (-)
Ion 100.15 (99.85 to 100.85): VV012587.D (-2114) (-)

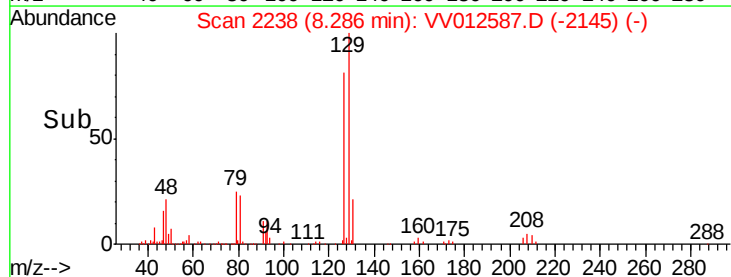
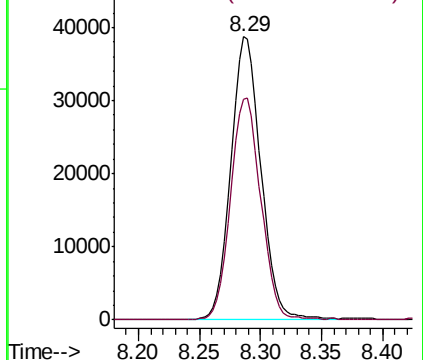


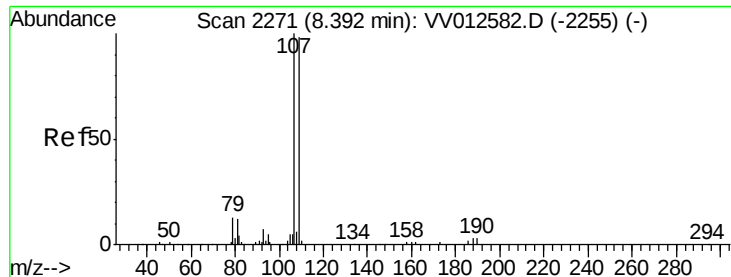
#49
Dibromochloromethane
Concen: 5.199 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV012587.D
Acq: 05 Sep 2019 18:18

Tgt Ion:	129	Resp:	66753
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.0	98.4



Abundance Ion 128.95 (128.65 to 129.65): VV012587.D (-2145) (-)
Ion 126.90 (126.60 to 127.60): VV012587.D (-2145) (-)





#50

1,2-Dibromoethane

Concen: 5.121 ug/L

RT: 8.40 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

VICV36

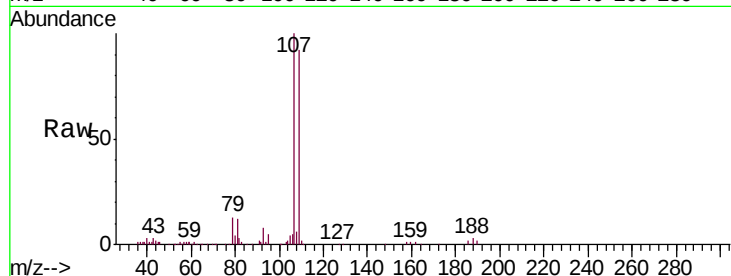
Tgt Ion:107 Resp: 50804

Ion Ratio Lower Upper

107 100

109 92.2 68.5 127.3

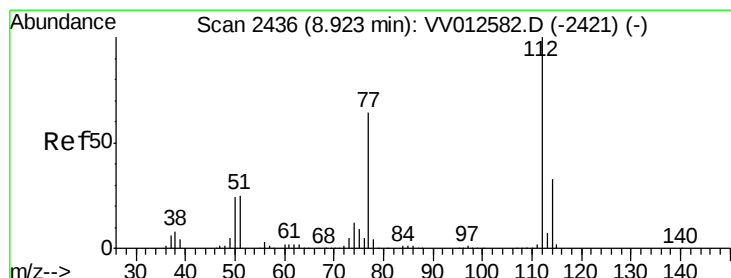
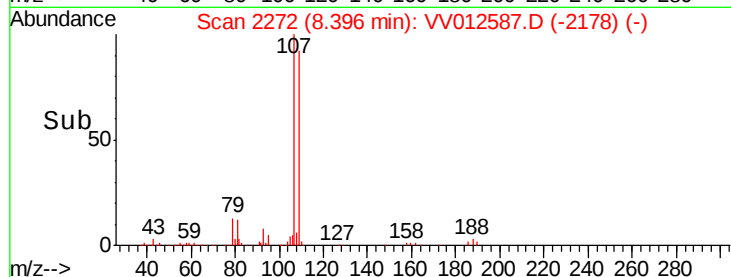
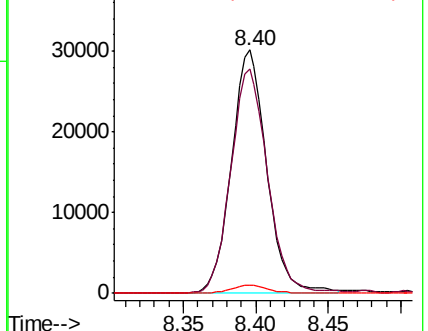
188 3.2 2.6 3.8



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51

Chlorobenzene

Concen: 5.296 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

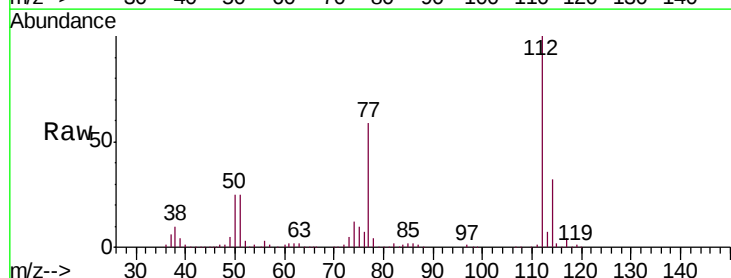
Tgt Ion:112 Resp: 226705

Ion Ratio Lower Upper

112 100

114 31.6 22.7 42.3

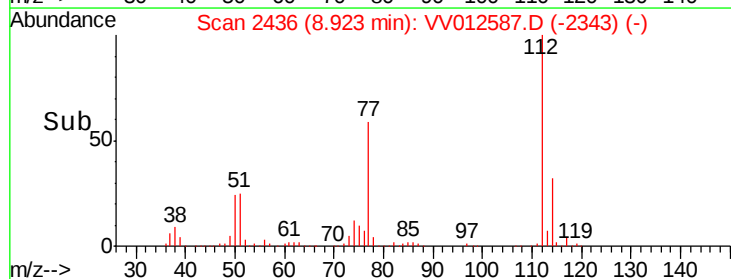
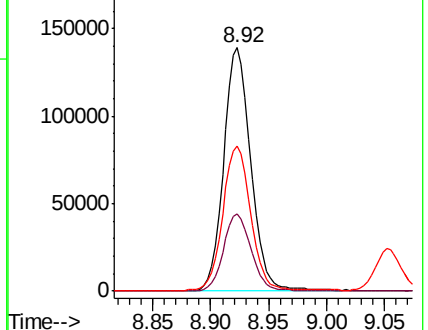
77 59.3 51.7 77.5

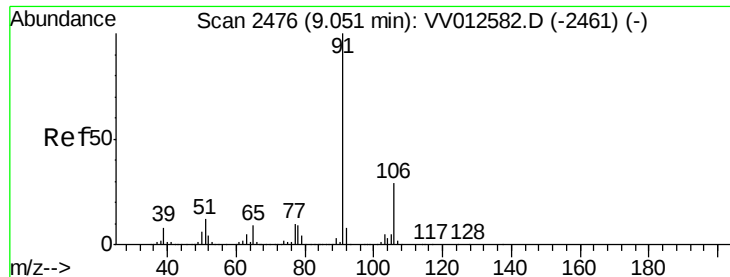


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

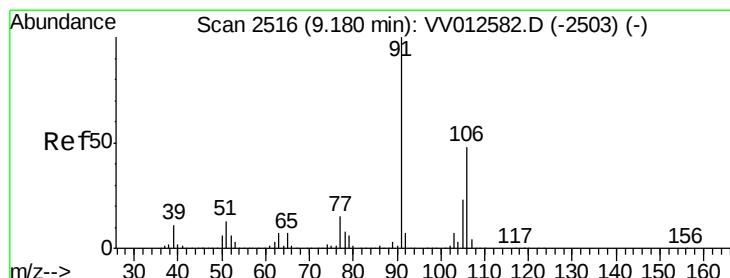
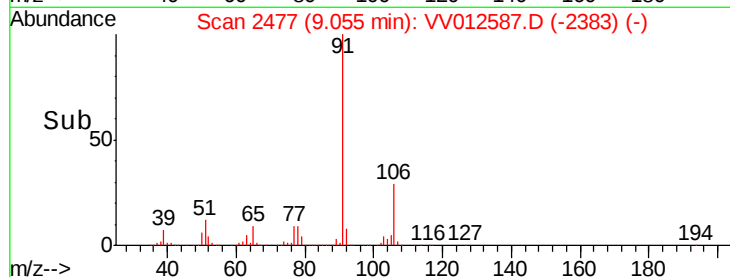
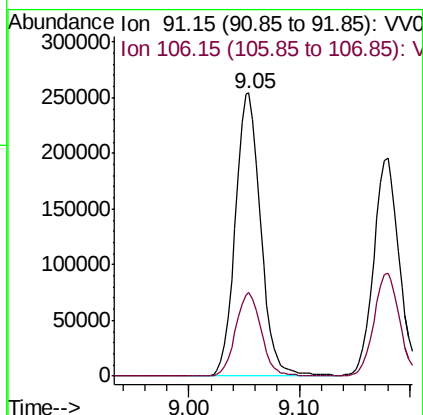
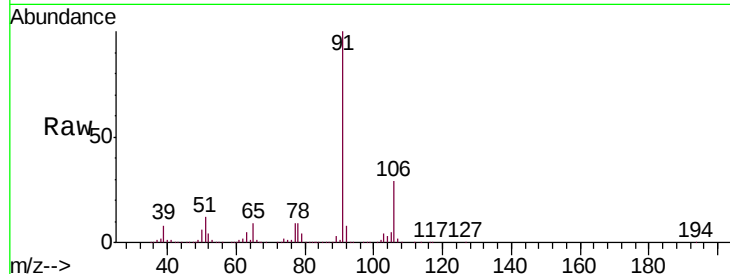




#52
Ethylbenzene
Concen: 5.523 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. 0.00 min
Lab File: VV012587.D
Acq: 05 Sep 2019 18:18

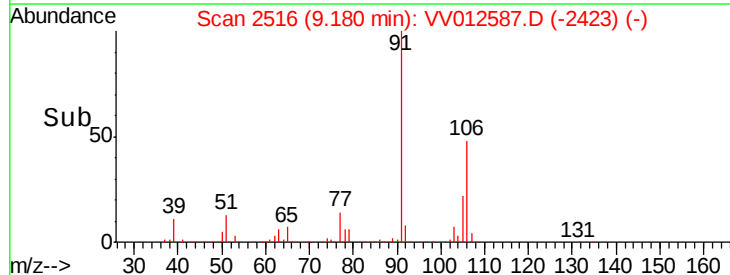
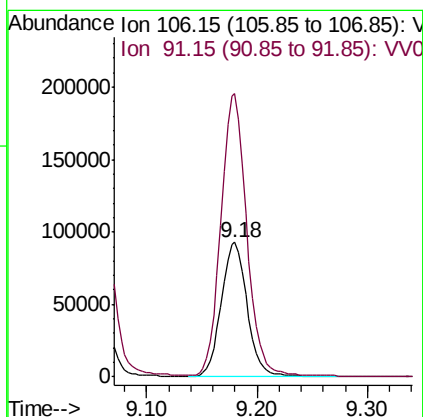
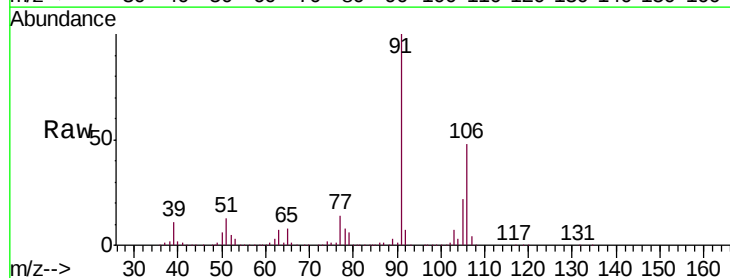
Instrument :
MSVOA_V
ClientSampleId :
VICV36

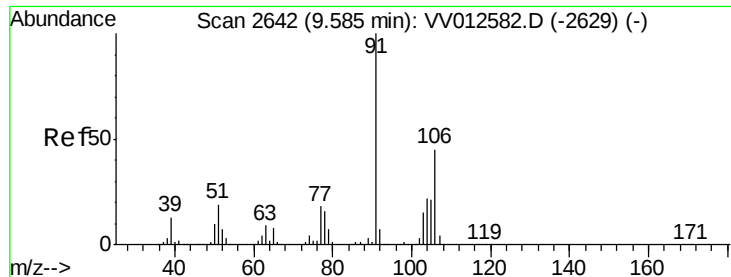
Tgt Ion: 91 Resp: 405434
Ion Ratio Lower Upper
91 100
106 29.4 20.6 38.2



#53
m,p-xylene
Concen: 5.662 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012587.D
Acq: 05 Sep 2019 18:18

Tgt Ion: 106 Resp: 151289
Ion Ratio Lower Upper
106 100
91 210.5 145.0 269.2

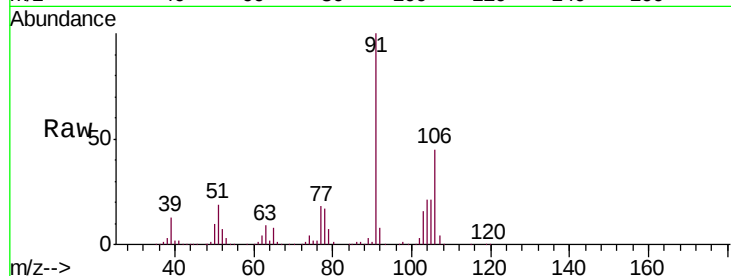




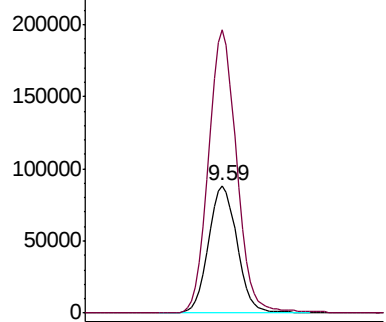
#54
o-xylene
Concen: 5.681 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012587.D
Acq: 05 Sep 2019 18:18

Instrument :
MSVOA_V
ClientSampled :
VICV36

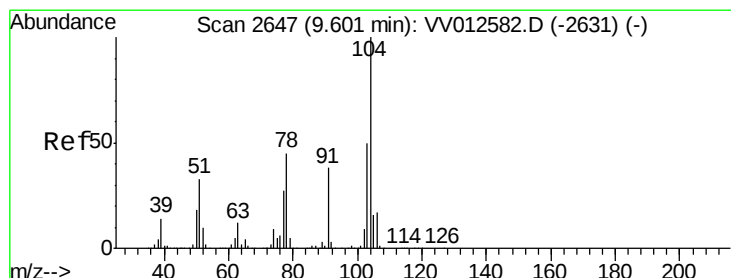
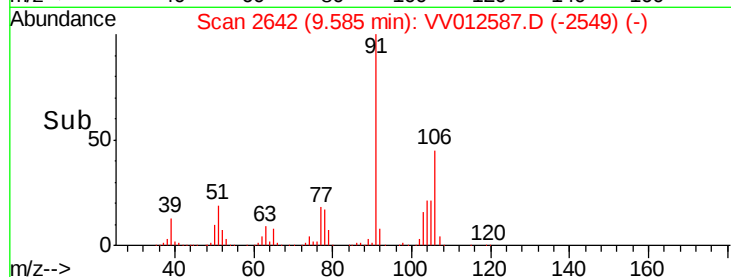
Tgt Ion:106 Resp: 143991
Ion Ratio Lower Upper
106 100
91 222.3 157.0 291.6



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

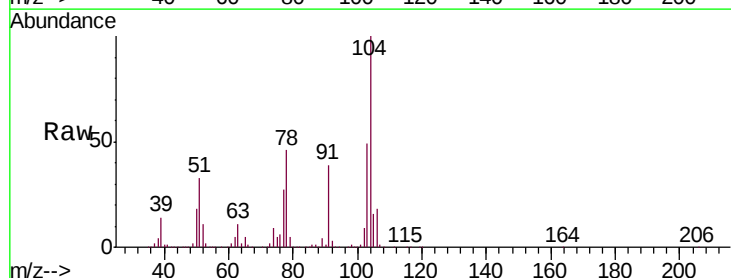


Time-->

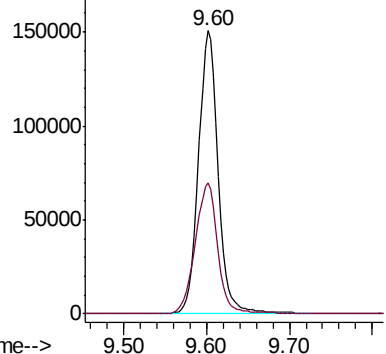


#55
Styrene
Concen: 5.879 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV012587.D
Acq: 05 Sep 2019 18:18

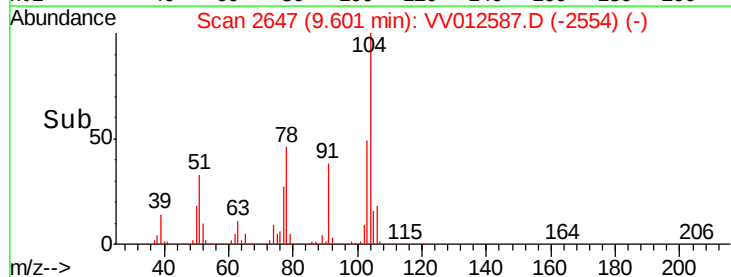
Tgt Ion:104 Resp: 248167
Ion Ratio Lower Upper
104 100
78 46.4 31.8 59.0

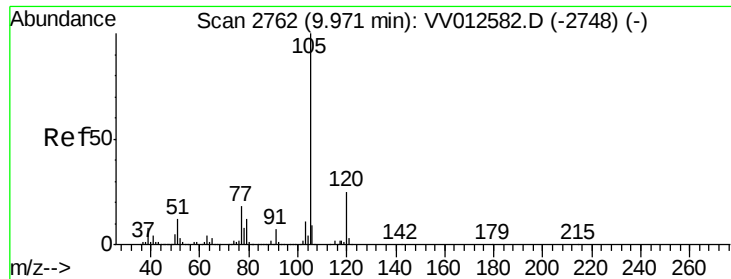


Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0



Time-->





#56

Isopropylbenzene

Concen: 5.763 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

VICV36

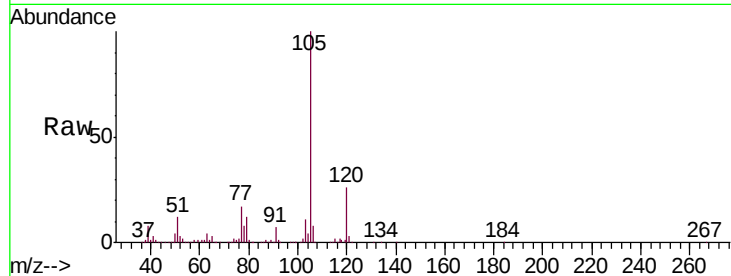
Tgt Ion: 105 Resp: 389518

Ion Ratio Lower Upper

105 100

120 26.0 20.6 30.8

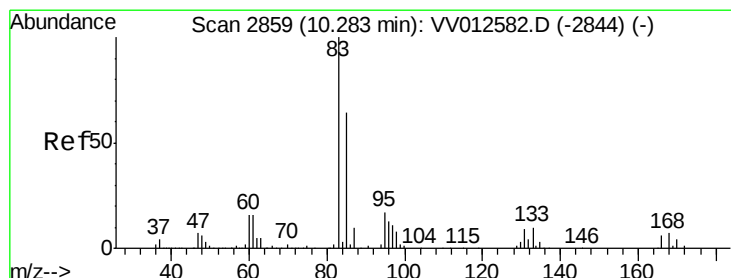
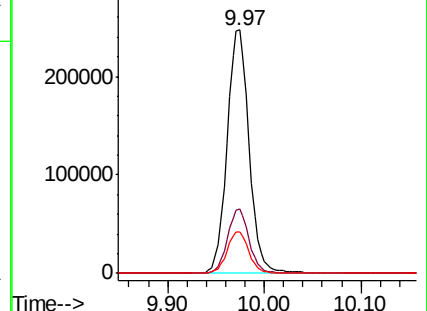
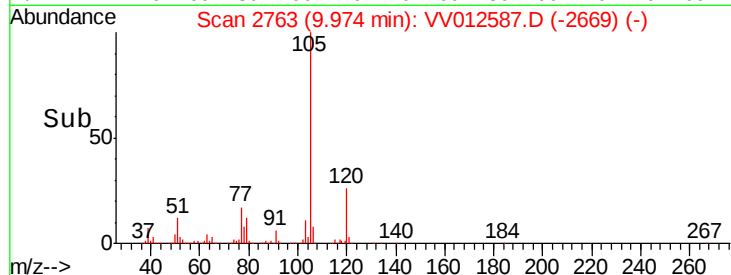
77 16.9 14.2 21.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.117 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

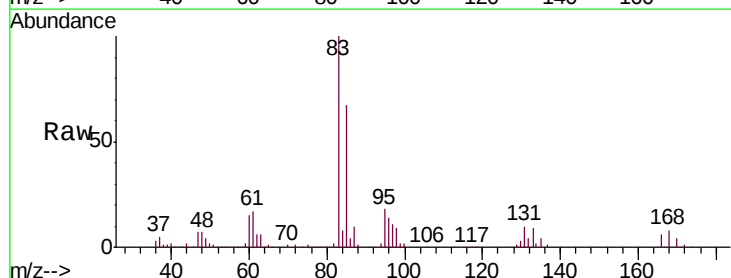
Tgt Ion: 83 Resp: 60612

Ion Ratio Lower Upper

83 100

85 67.2 44.7 82.9

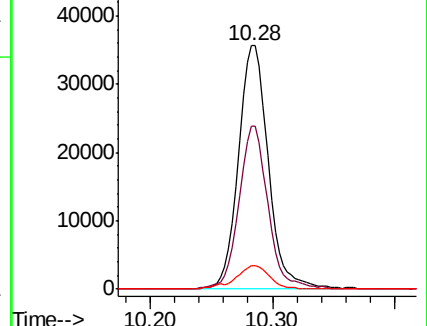
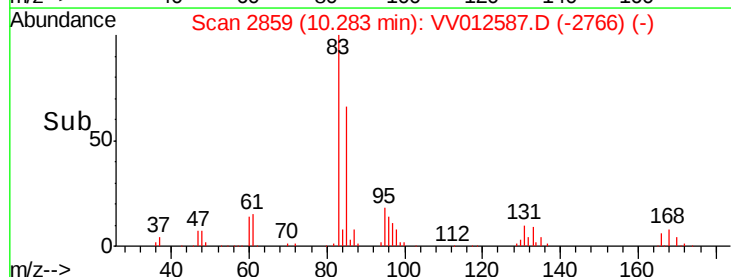
131 9.6 7.4 11.2

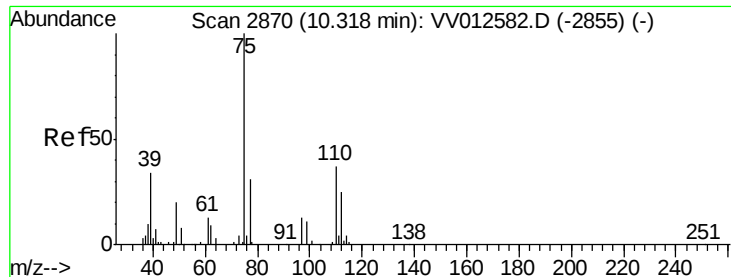


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.158 ug/L

RT: 10.32 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampled :

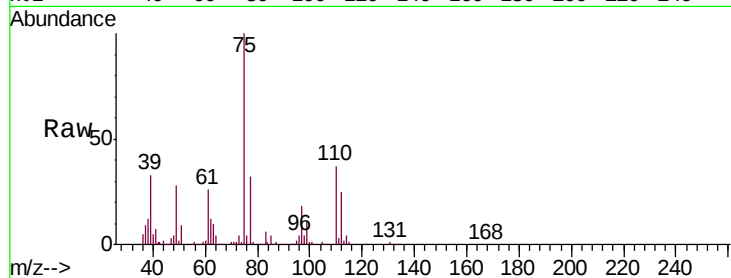
VICV36

Tgt Ion: 75 Resp: 51385

Ion Ratio Lower Upper

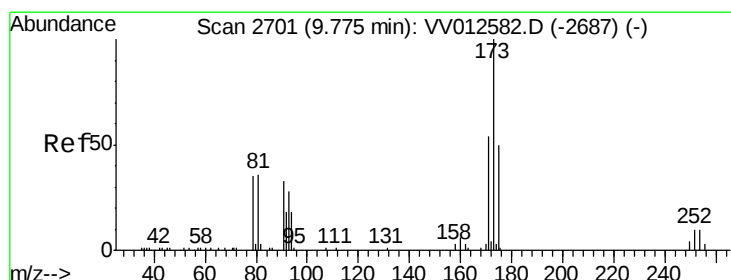
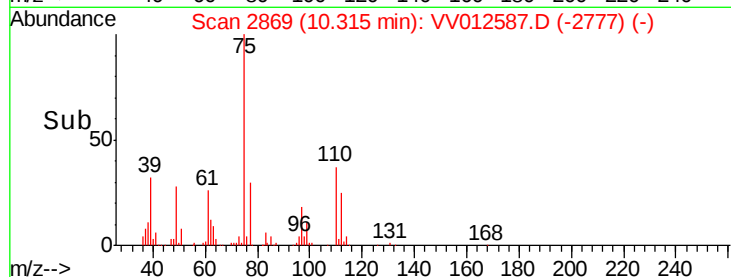
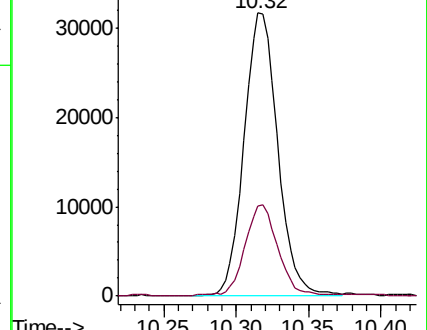
75 100

77 31.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VV012582.D (-2855) (-)

Ion 77.00 (76.70 to 77.70): VV012587.D (-2777) (-)



#61

Bromoform

Concen: 4.919 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

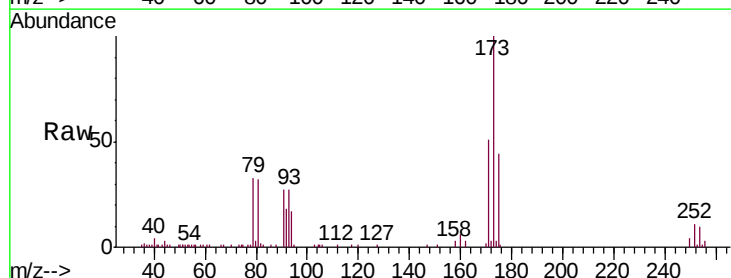
Tgt Ion: 173 Resp: 32766

Ion Ratio Lower Upper

173 100

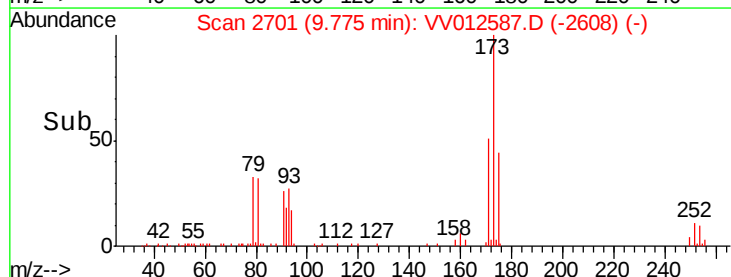
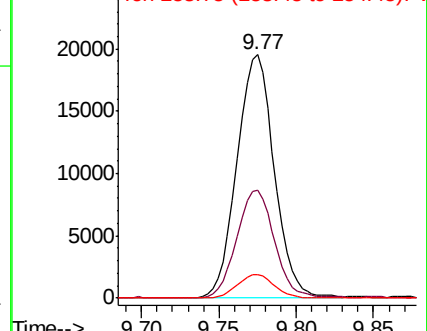
175 44.8 39.6 59.4

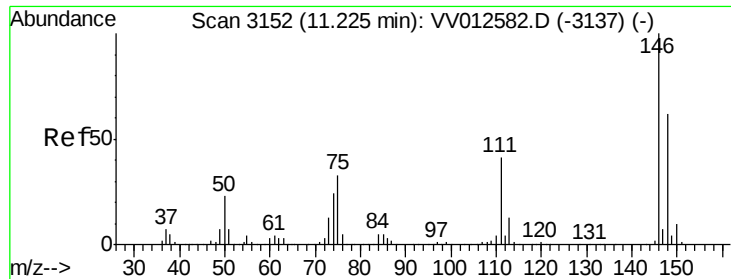
254 9.4 7.1 10.7



Abundance Ion 172.90 (172.60 to 173.60): VV012582.D (-2687) (-)

Ion 174.90 (174.60 to 175.60): VV012587.D (-2608) (-)





#62

1,3-Dichlorobenzene

Concen: 5.120 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. -0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

VICV36

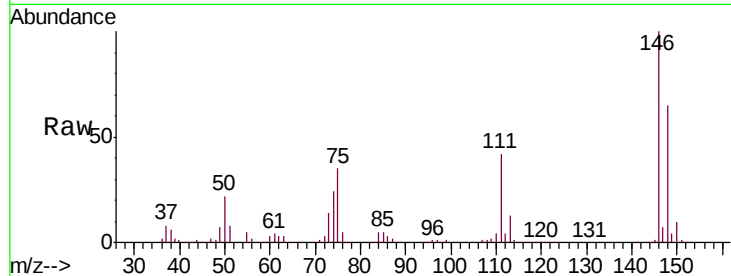
Tgt Ion:146 Resp: 168789

Ion Ratio Lower Upper

146 100

111 42.1 28.4 52.8

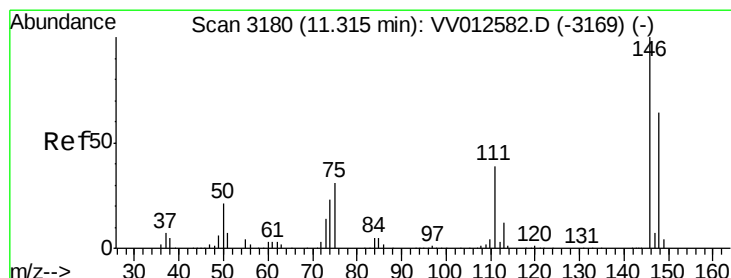
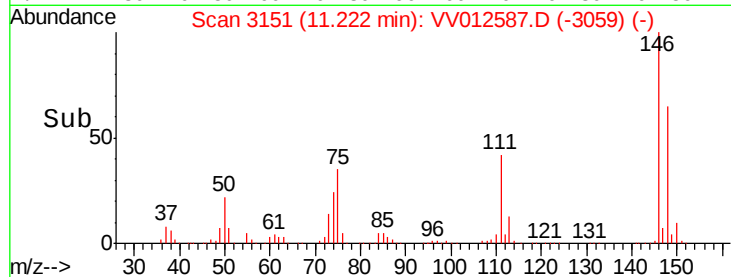
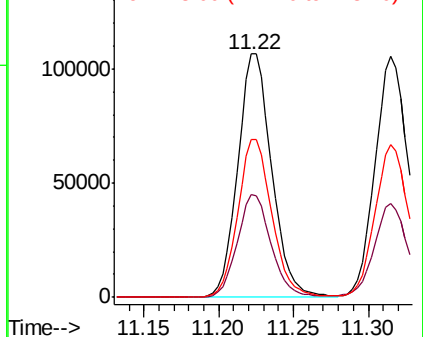
148 64.6 43.5 80.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.116 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

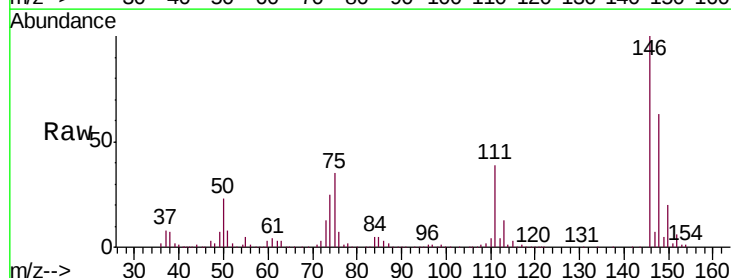
Tgt Ion:146 Resp: 169155

Ion Ratio Lower Upper

146 100

111 38.7 27.5 51.1

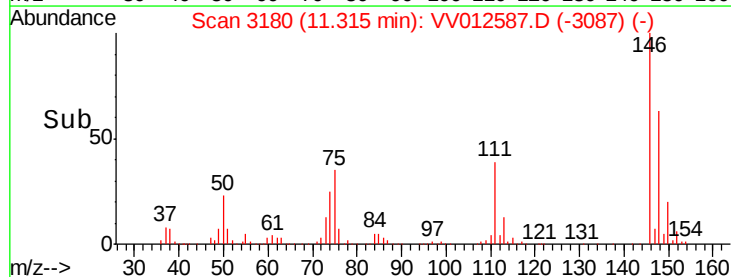
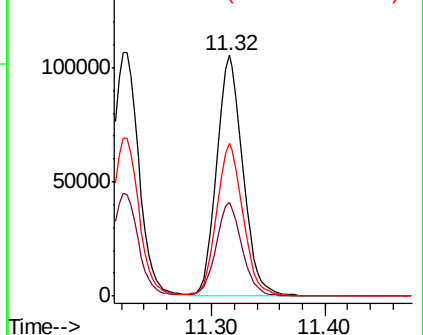
148 63.5 44.8 83.2

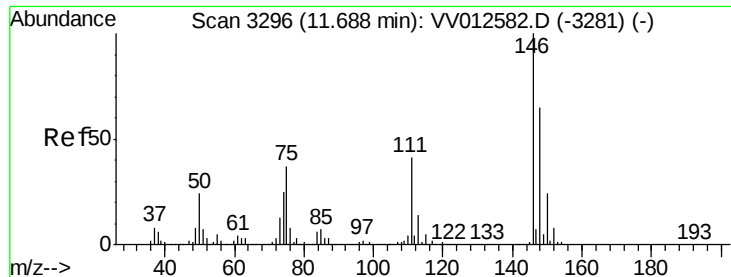


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.090 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

VICV36

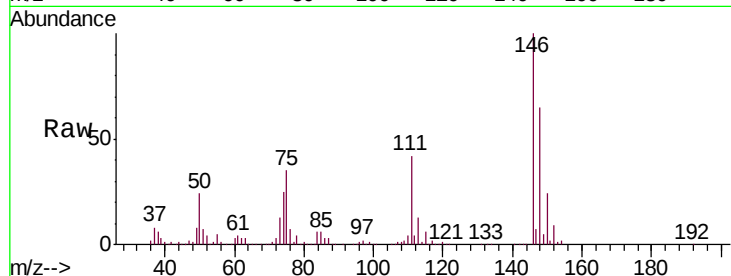
Tgt Ion:146 Resp: 156613

Ion Ratio Lower Upper

146 100

111 42.5 33.1 49.7

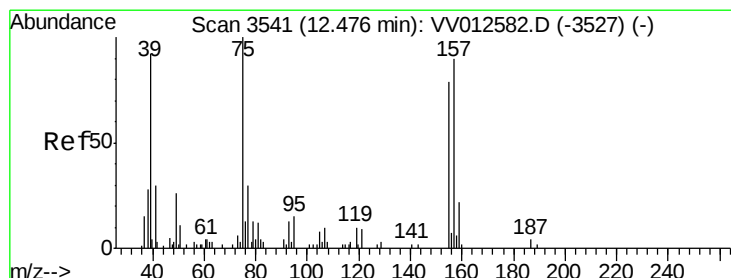
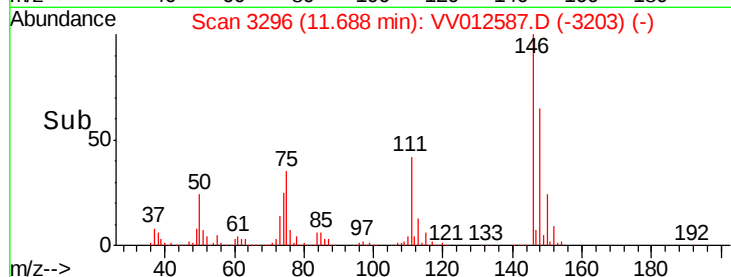
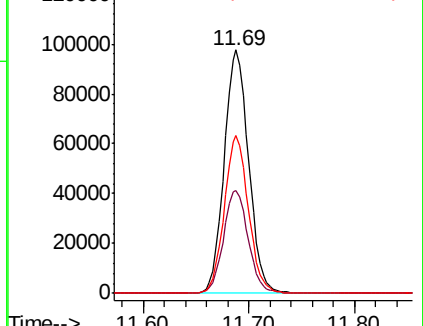
148 65.0 52.2 78.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.485 ug/L

RT: 12.47 min Scan# 3540

Delta R.T. -0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

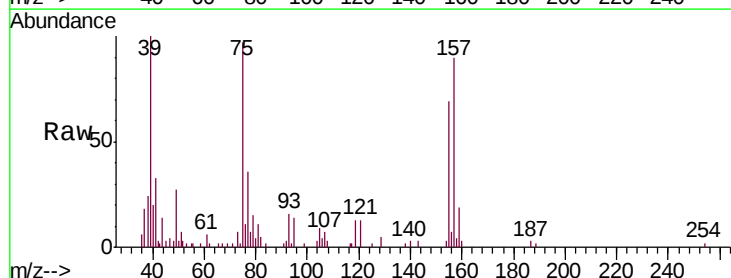
Tgt Ion: 75 Resp: 9269

Ion Ratio Lower Upper

75 100

155 70.6 63.0 94.6

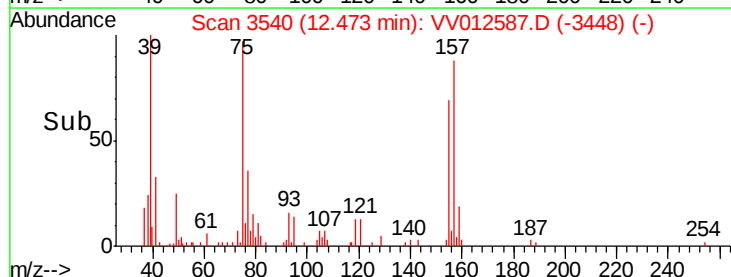
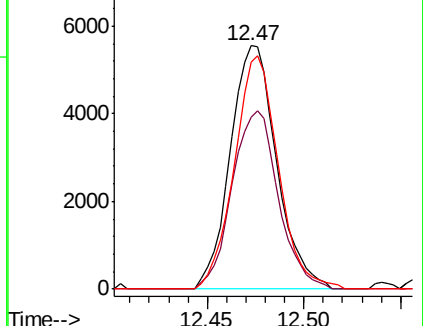
157 93.1 72.2 108.4

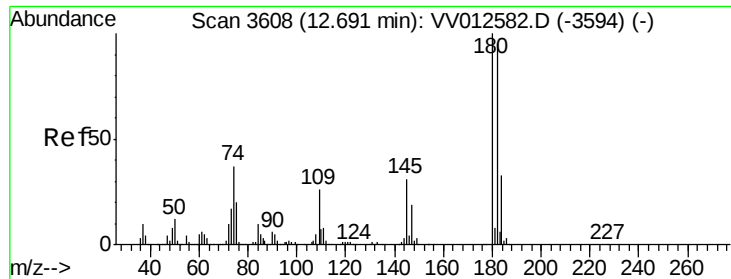


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

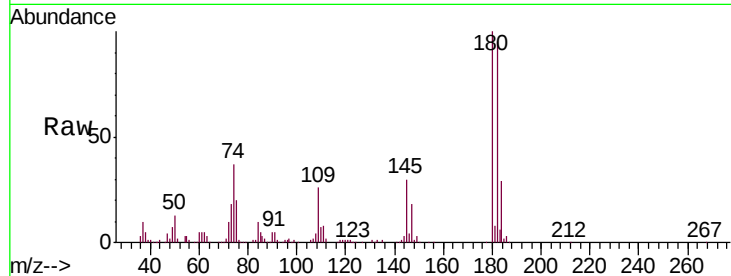




#67
 1,3,5-Trichlorobenzene
 Concen: 5.175 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
184	30.0	25.3	37.9
145	30.2	24.7	37.1



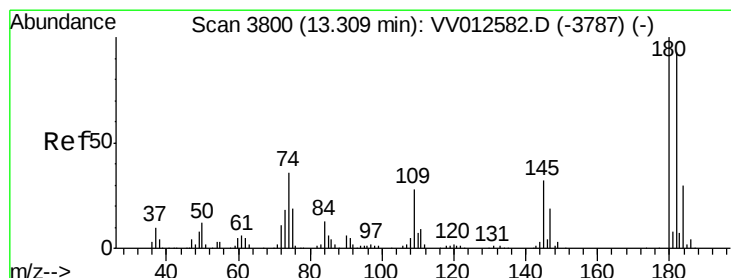
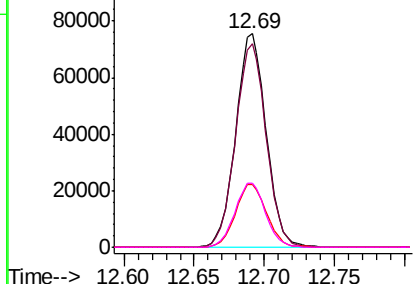
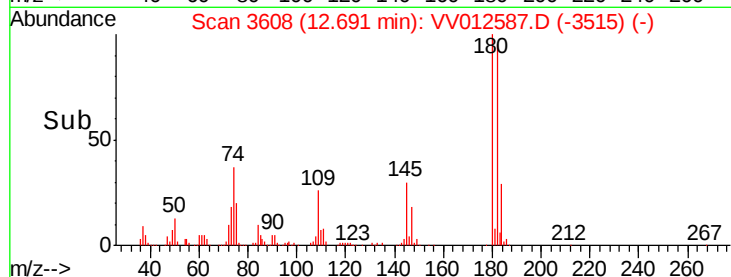
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

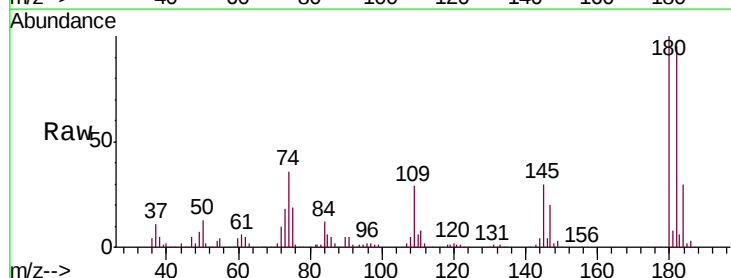
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 5.221 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV012587.D
 Acq: 05 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	74.7	112.1
145	30.4	24.9	37.3

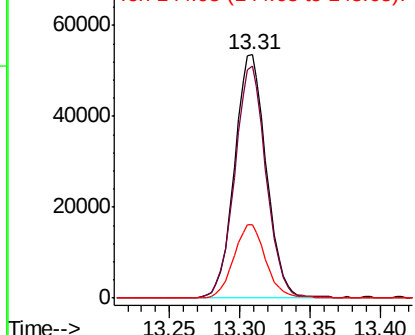
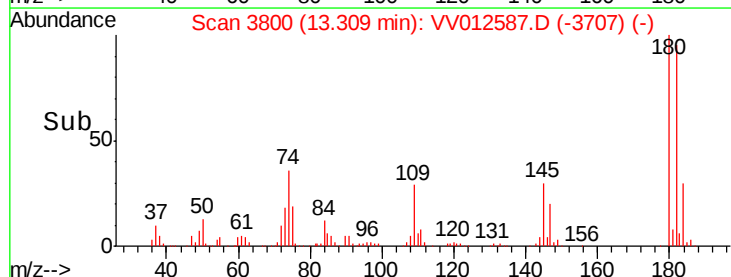


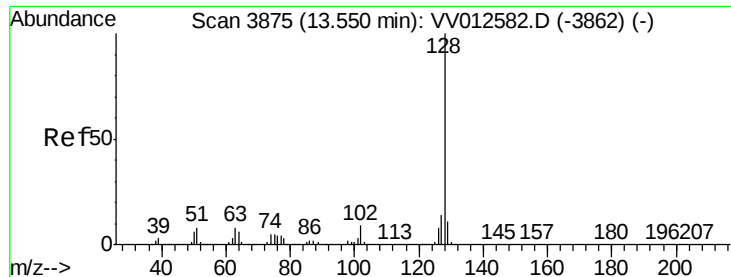
Abundance

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





#69

Naphthalene

Concen: 4.915 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

Instrument :

MSVOA_V

ClientSampleId :

VICV36

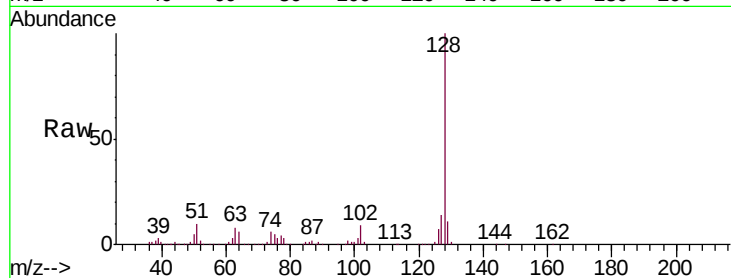
Tgt Ion:128 Resp: 114490

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

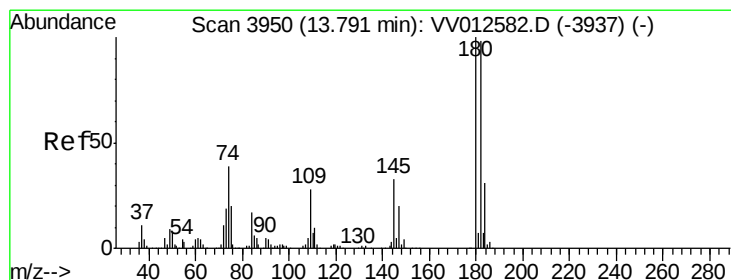
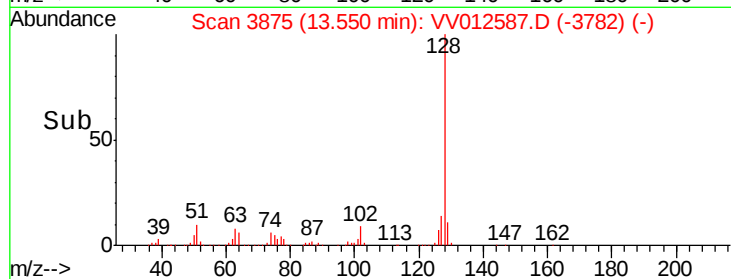
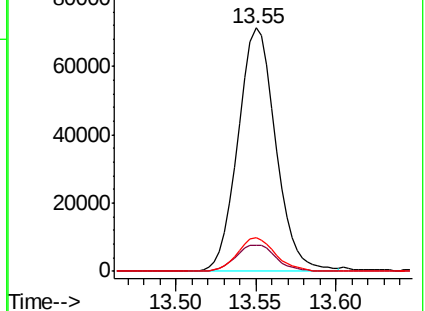
127 13.9 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.286 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. 0.00 min

Lab File: VV012587.D

Acq: 05 Sep 2019 18:18

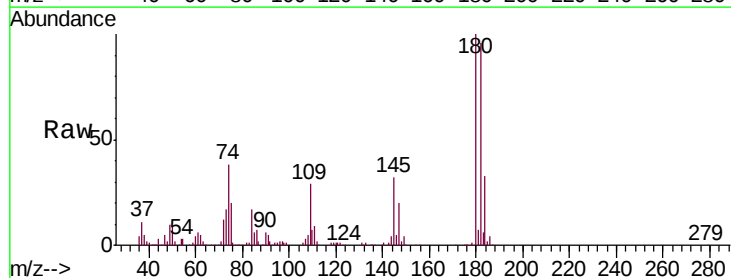
Tgt Ion:180 Resp: 79842

Ion Ratio Lower Upper

180 100

182 95.3 77.8 116.6

145 32.9 26.8 40.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

