

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015427.D
 Acq On : 09 Apr 2020 18:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 04:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	121318	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	117171	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30683	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	28614	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	64857	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	3.96	46	103385	58.49	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.98%
24) Chloroform-d	4.38	84	68947	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	38469	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.08	84	129744	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.10	67	41078	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	123594	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.64	79	17786	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.12	63	88302	52.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32049	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	46594	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	59309	4.939 ug/L	99
3) Chloromethane	1.25	50	56542	4.945 ug/L	100
5) Vinyl chloride	1.32	62	54804	4.977 ug/L	100
6) Bromomethane	1.53	94	31857	5.235 ug/L	97
8) Chloroethane	1.59	64	32103	5.027 ug/L	99
9) Trichlorofluoromethane	1.76	101	69847	4.958 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	38950	4.895 ug/L	98
12) 1,1-Dichloroethene	2.13	96	37378	4.908 ug/L	98
13) Acetone	2.25	43	68583	54.923 ug/L	99
14) Carbon disulfide	2.31	76	129020	4.860 ug/L	100
15) Methyl Acetate	2.47	43	17627	4.771 ug/L	96
16) Methylene chloride	2.52	84	43291	4.852 ug/L	94
17) Methyl tert-butyl Ether	2.79	73	102944	5.058 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	43531	5.072 ug/L	97
19) 1,1-Dichloroethane	3.21	63	80988	5.006 ug/L	99
21) 2-Butanone	4.03	43	111931	55.469 ug/L #	69
22) cis-1,2-Dichloroethene	3.94	96	45554	5.113 ug/L	95

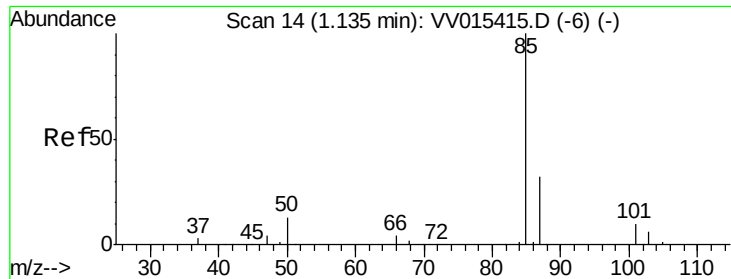
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015427.D
 Acq On : 09 Apr 2020 18:16
 Operator : SY/MD
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Instrument :
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 ClientSampleId :

Quant Time: Apr 10 05:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 04:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	19178	5.173	ug/L	95
25) Chloroform	4.41	83	82912	5.008	ug/L	99
27) 1,2-Dichloroethane	5.16	62	55530	5.188	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	75099	4.940	ug/L	99
30) Cyclohexane	4.70	56	78358	4.855	ug/L	99
31) Carbon tetrachloride	4.86	117	64160	4.849	ug/L	100
33) Benzene	5.13	78	174230	4.968	ug/L	100
34) Trichloroethene	5.94	95	47821	5.066	ug/L	99
35) Methylcyclohexane	6.15	83	77038	4.844	ug/L	99
37) 1,2-Dichloropropane	6.20	63	43164	4.963	ug/L	100
38) Bromodichloromethane	6.53	83	56415	4.864	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	65687	4.921	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	284246	49.768	ug/L	99
42) Toluene	7.41	91	188336	4.947	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	55240	4.894	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	29252	5.003	ug/L	97
47) Tetrachloroethene	8.00	164	34007	4.863	ug/L	99
48) 2-Hexanone	8.17	43	207746	52.059	ug/L	99
49) Dibromochloromethane	8.27	129	33523	4.786	ug/L	98
50) 1,2-Dibromoethane	8.38	107	27557	4.918	ug/L	97
51) Chlorobenzene	8.90	112	118584	4.886	ug/L	99
52) Ethylbenzene	9.03	91	217641	4.966	ug/L	99
53) m,p-xylene	9.16	106	81592	4.929	ug/L	98
54) o-xylene	9.57	106	79290	4.949	ug/L	100
55) Styrene	9.58	104	134403	4.991	ug/L	99
56) Isopropylbenzene	9.95	105	213964	4.871	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	35869	5.040	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	26589	4.944	ug/L	99
61) Bromoform	9.76	173	16257	4.738	ug/L	99
62) 1,3-Dichlorobenzene	11.21	146	93684	4.967	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	94458	4.922	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	85502	4.973	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6632	5.040	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	66890	4.908	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	59552	4.851	ug/L	99
69) Naphthalene	13.53	128	112593	4.868	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	53565	4.940	ug/L	99

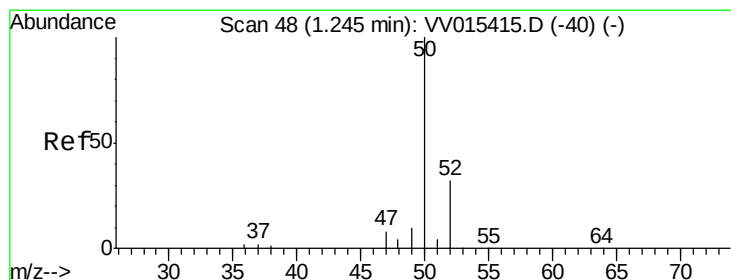
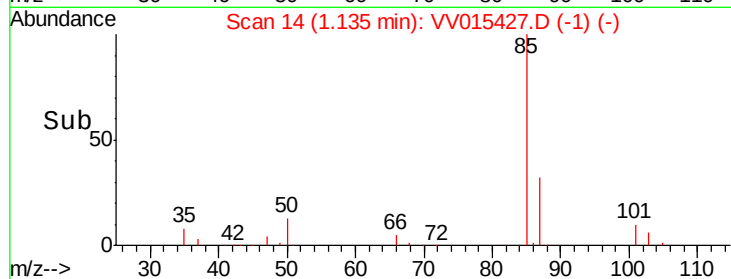
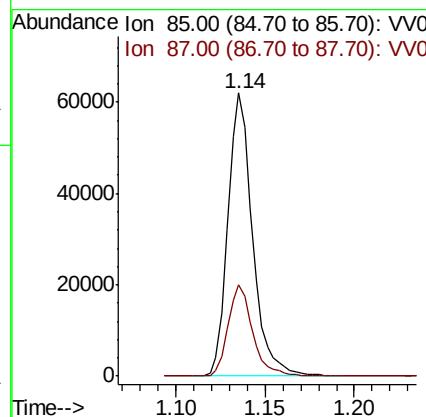
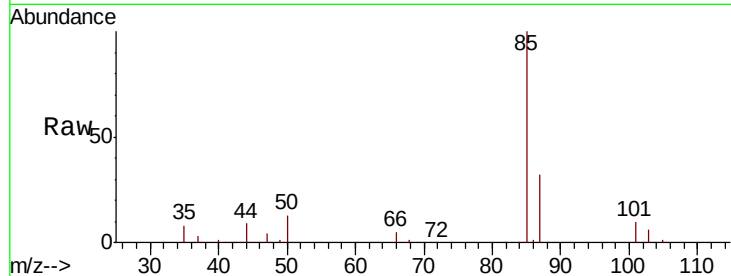
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.939 ug/L
 RT: 1.14 min Scan# 14
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

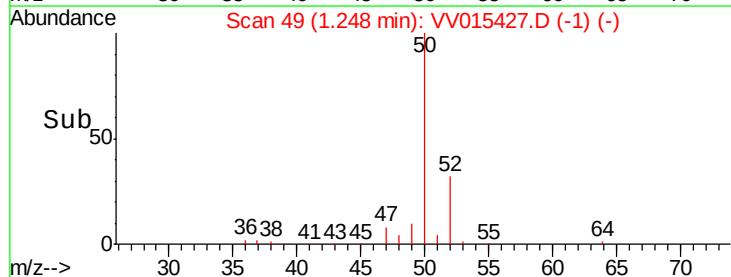
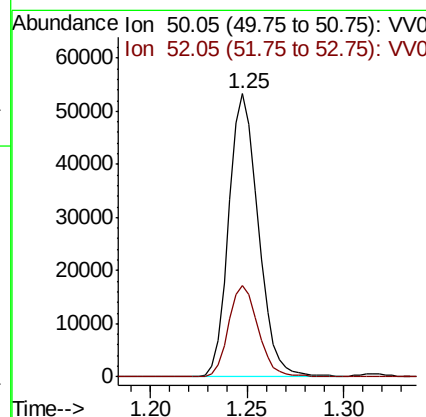
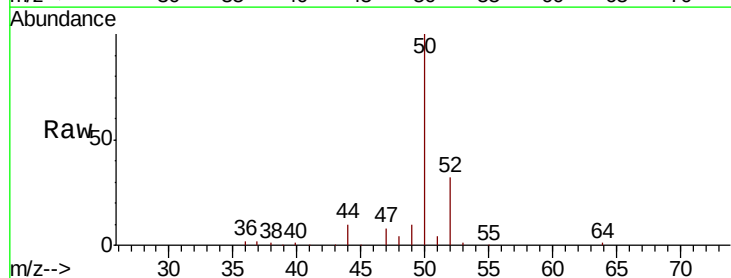
Instrument :
 MSVOA_V
 ClientSampleId :

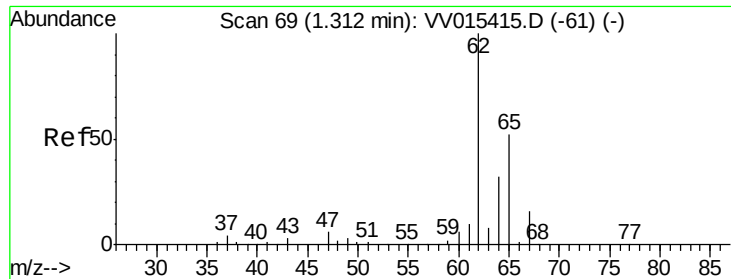
Tot Ion: 85 Resp: 59309
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.3 37.9



#3
 Chloromethane
 Concen: 4.945 ug/L
 RT: 1.25 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 50 Resp: 56542
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.7 42.1





#5

Vinyl chloride

Concen: 4.977 ug/L

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

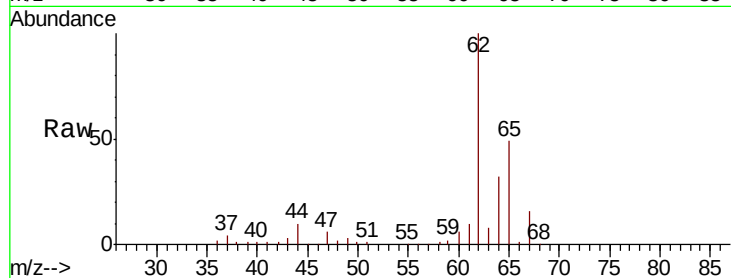
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 54804

Ion Ratio Lower Upper

62 100

64 32.4 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV015415.D (-61) (-)

Ion 64.10 (63.80 to 64.80): VV015415.D (-61) (-)

1.32

50000

40000

30000

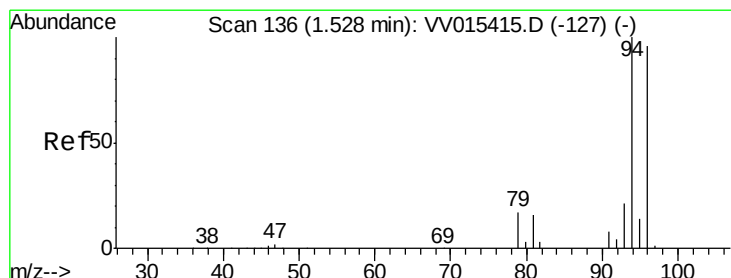
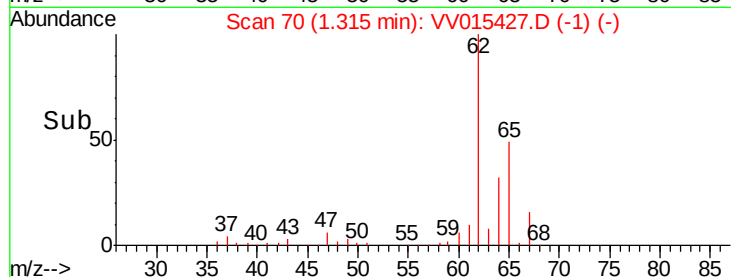
20000

10000

0

Time-->

1.25 1.30 1.35 1.40



#6

Bromomethane

Concen: 5.235 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV015427.D

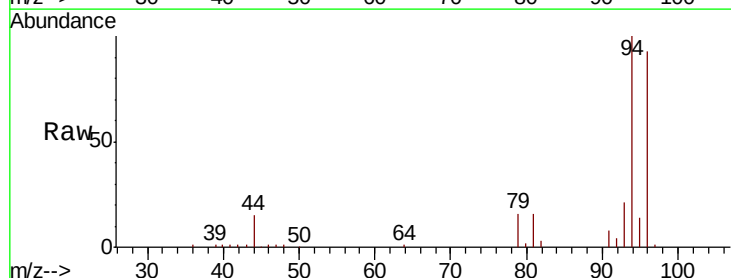
Acq: 09 Apr 2020 18:16

Tgt Ion: 94 Resp: 31857

Ion Ratio Lower Upper

94 100

96 92.6 67.2 124.8



Abundance Ion 94.00 (93.70 to 94.70): VV015415.D (-127) (-)

Ion 96.00 (95.70 to 96.70): VV015415.D (-127) (-)

1.53

30000

25000

20000

15000

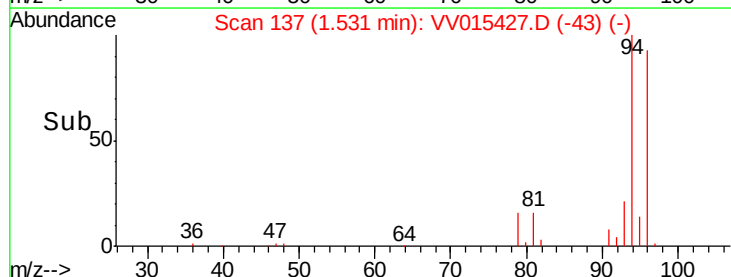
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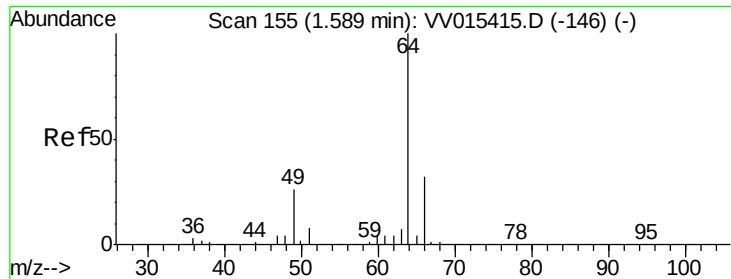
5000

0

Time-->

1.50 1.55 1.60





#8

Chloroethane

Concen: 5.027 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

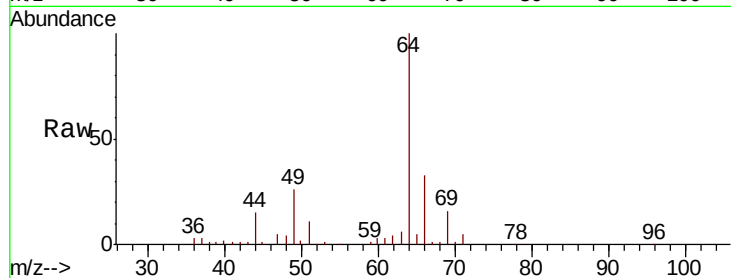
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 32103

Ion Ratio Lower Upper

64 100

66 32.6 22.3 41.5



Abundance Ion 64.10 (63.80 to 64.80): VV015415.D (-146) (-)

Ion 66.05 (65.75 to 66.75): VV015415.D (-146) (-)

1.59

30000

25000

20000

15000

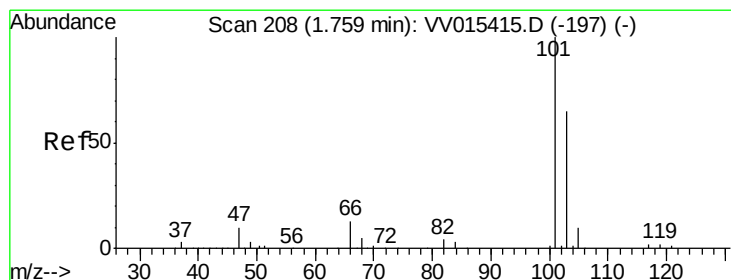
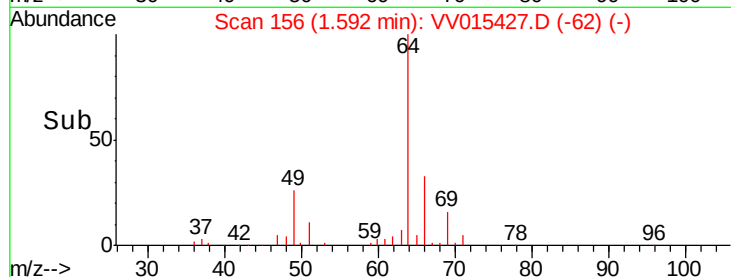
10000

5000

0

1.55 1.60 1.65

Time-->



#9

Trichlorofluoromethane

Concen: 4.958 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015427.D

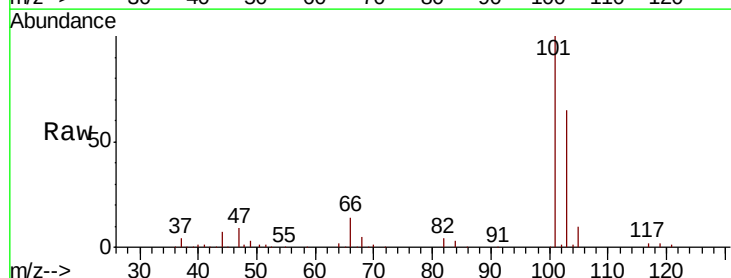
Acq: 09 Apr 2020 18:16

Tgt Ion:101 Resp: 69847

Ion Ratio Lower Upper

101 100

103 64.8 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): VV015415.D (-197) (-)

Ion 103.00 (102.70 to 103.70): VV015415.D (-197) (-)

1.76

60000

50000

40000

30000

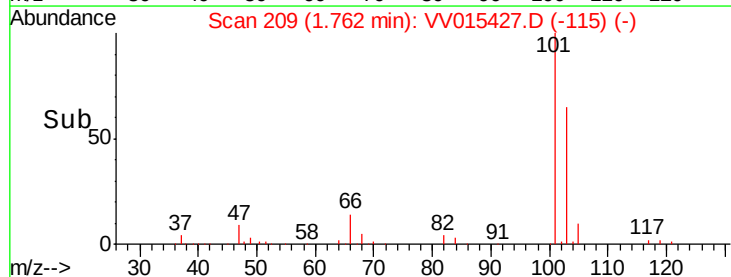
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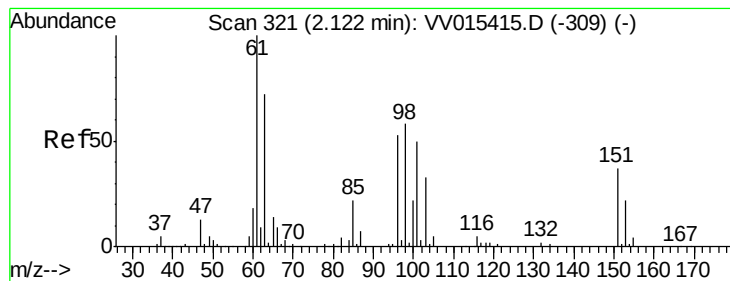
10000

0

1.70 1.75 1.80 1.85

Time-->





#10

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

Concen: 4.895 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

Instrument :

MSVOA_V

ClientSampleId :

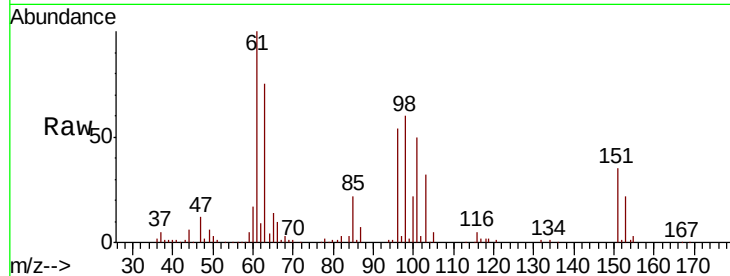
Tot Ion:101 Resp: 38950

Ion Ratio Lower Upper

101 100

85 44.1 36.3 54.5

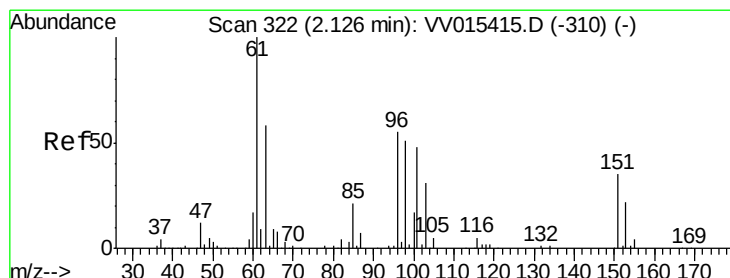
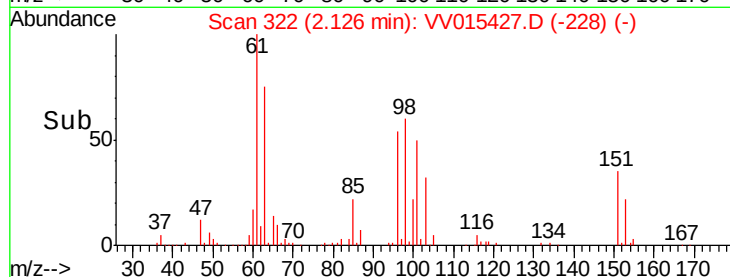
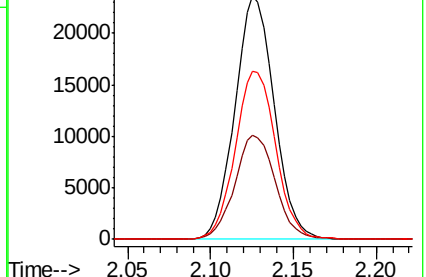
151 71.1 58.2 87.4



Abundance Ion 101.00 (100.70 to 101.70): VV015427.D (-228) (-)

Ion 85.00 (84.70 to 85.70): VV015427.D (-228) (-)

Ion 151.00 (150.70 to 151.70): VV015427.D (-228) (-)



#12

1,1-Dichloroethene

Concen: 4.908 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

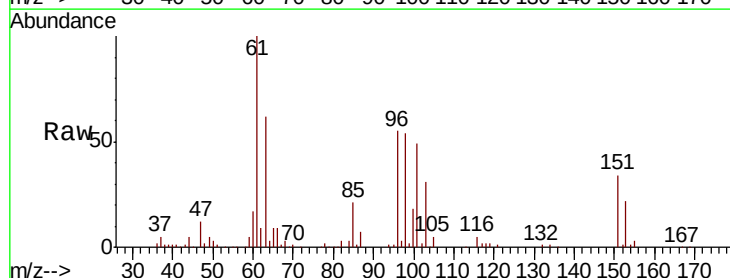
Tgt Ion: 96 Resp: 37378

Ion Ratio Lower Upper

96 100

61 181.6 127.7 237.1

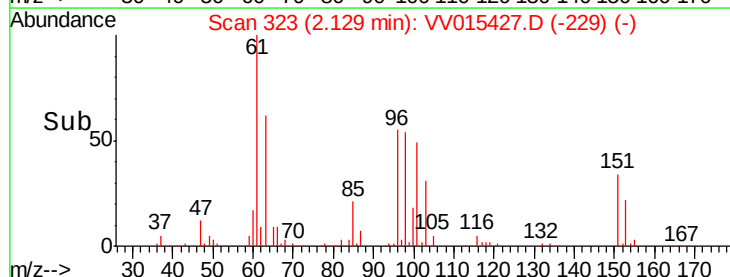
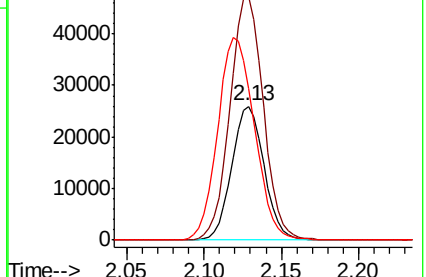
63 112.6 75.1 139.5

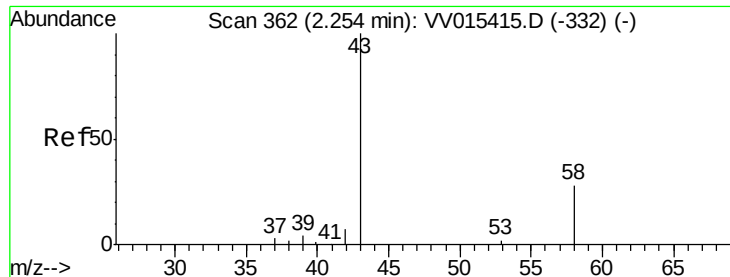


Abundance Ion 96.00 (95.70 to 96.70): VV015427.D (-229) (-)

Ion 61.05 (60.75 to 61.75): VV015427.D (-229) (-)

Ion 63.00 (62.70 to 63.70): VV015427.D (-229) (-)





#13

Acetone

Concen: 54.923 ug/L

RT: 2.25 min Scan# 360

Delta R.T. -0.01 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

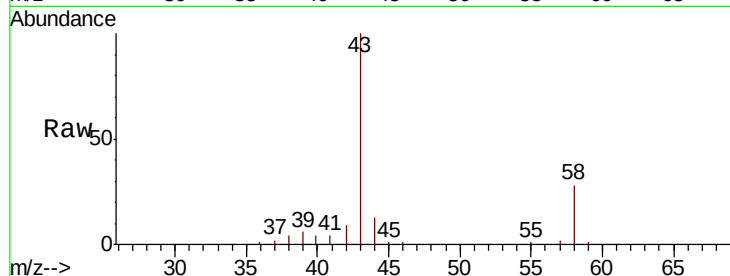
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 68583

Ion Ratio Lower Upper

43 100

58 11.5 0.0 22.2



Abundance Ion 43.05 (42.75 to 43.75): VV015415.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015415.D (-332) (-)

12000

10000

8000

6000

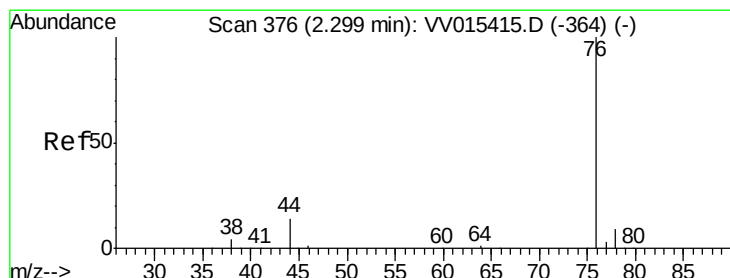
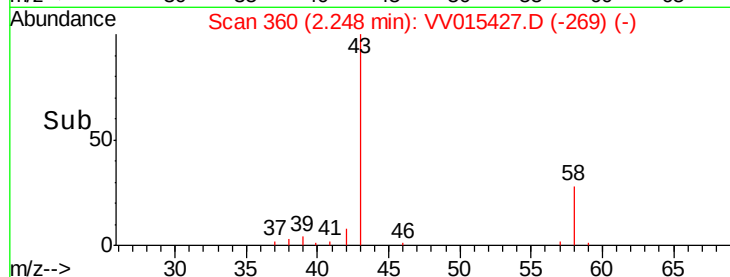
4000

2000

0

2.10 2.20 2.30 2.40 2.50

Time-->



#14

Carbon disulfide

Concen: 4.860 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: VV015427.D

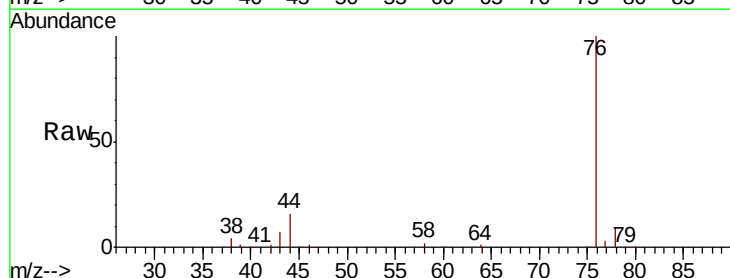
Acq: 09 Apr 2020 18:16

Tgt Ion: 76 Resp: 129020

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV015415.D (-364) (-)

Ion 78.00 (77.70 to 78.70): VV015415.D (-364) (-)

100000

80000

60000

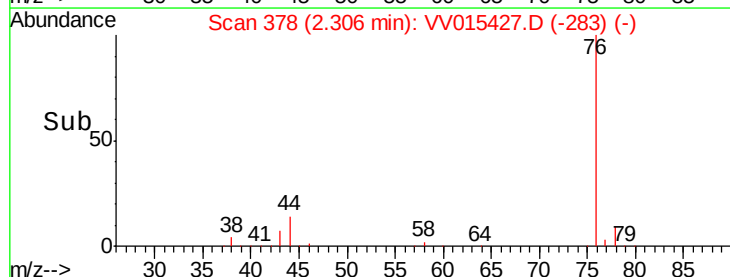
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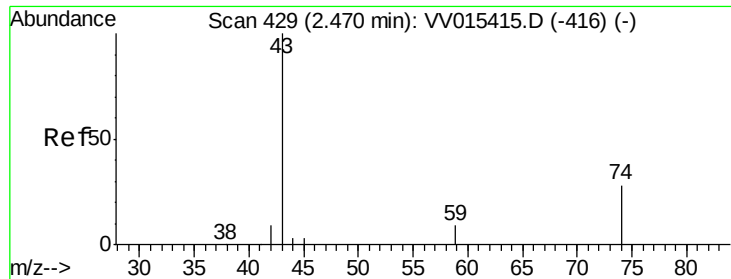
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0

2.25 2.30 2.35 2.40

Time-->

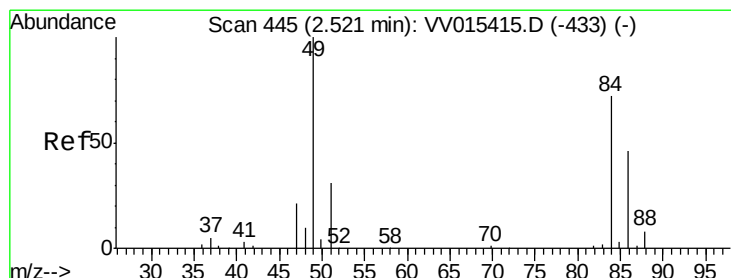
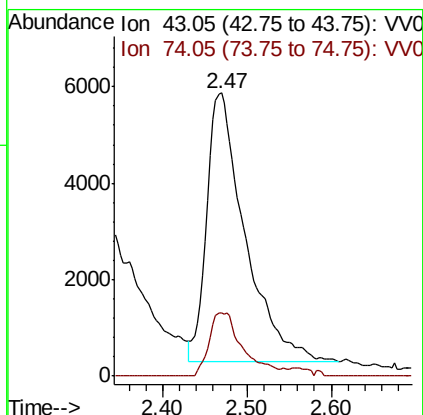
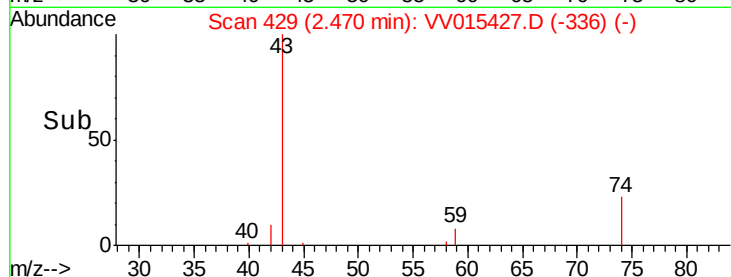
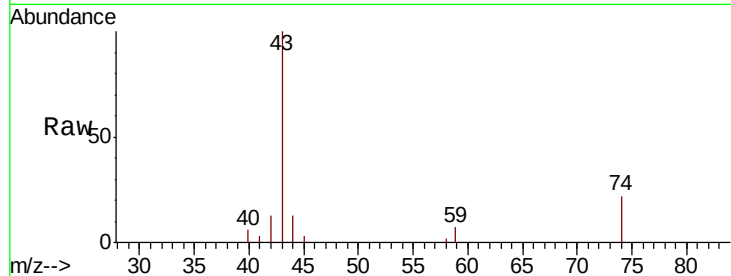




#15
Methyl Acetate
Concen: 4.771 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

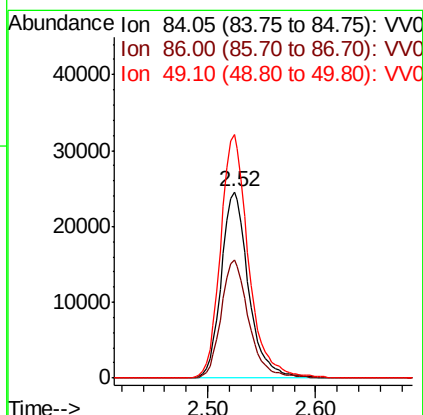
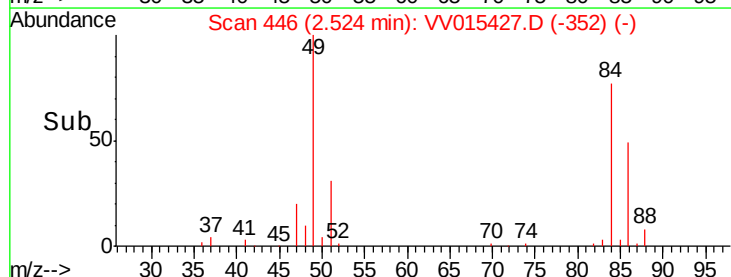
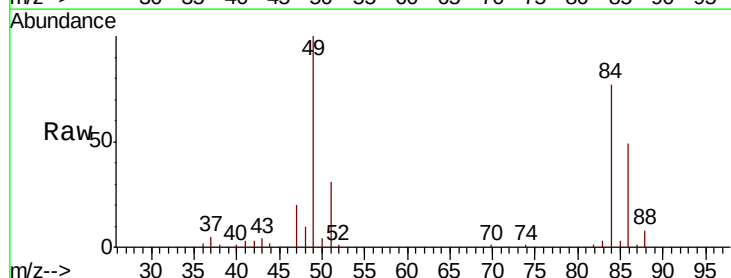
Instrument :
MSVOA_V
ClientSampleId :

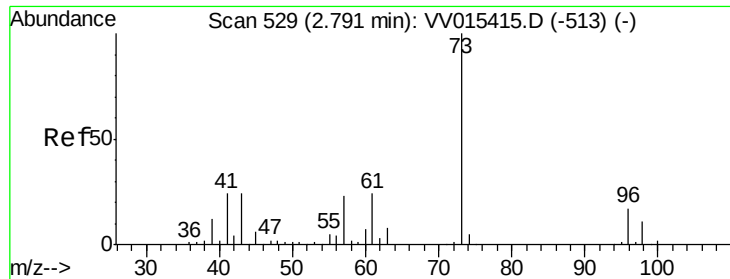
Tot Ion: 43 Resp: 17627
Ion Ratio Lower Upper
43 100
74 21.2 15.4 23.2



#16
Methylene chloride
Concen: 4.852 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Tgt Ion: 84 Resp: 43291
Ion Ratio Lower Upper
84 100
86 63.4 45.1 83.7
49 130.5 97.9 181.7

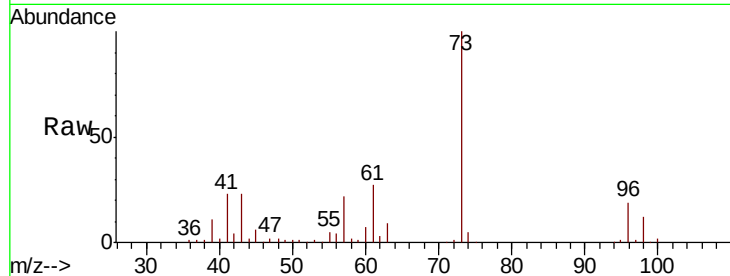




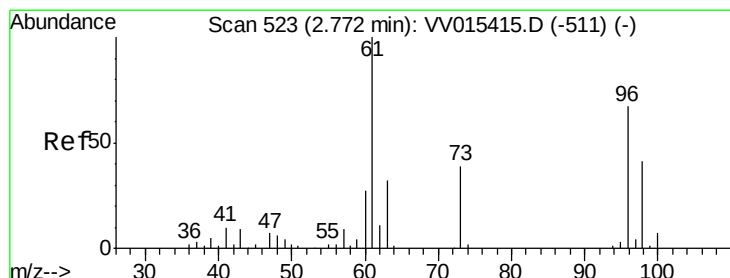
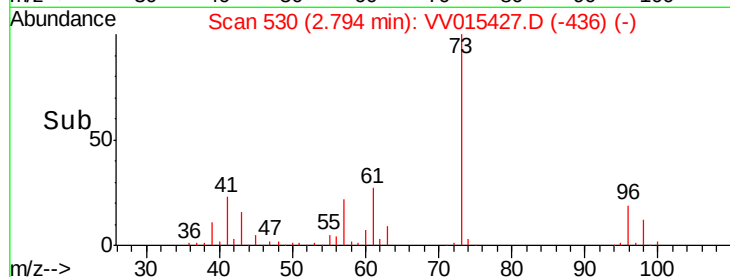
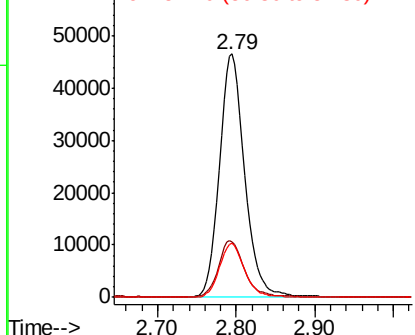
#17
Methyl tert-butyl Ether
Concen: 5.058 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 102944
Ion Ratio Lower Upper
73 100
43 23.9 18.3 27.5
57 22.2 18.4 27.6

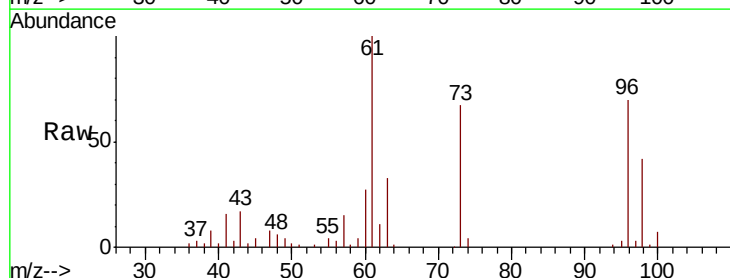


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

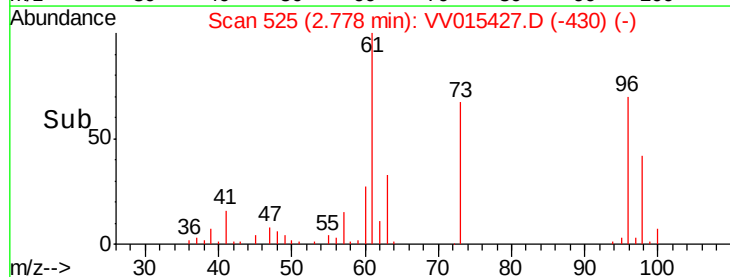
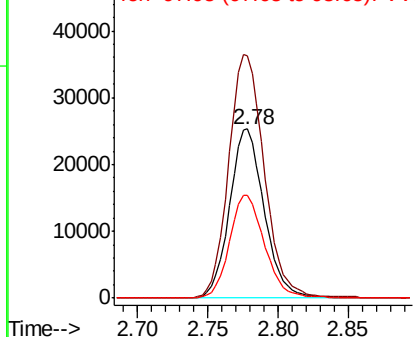


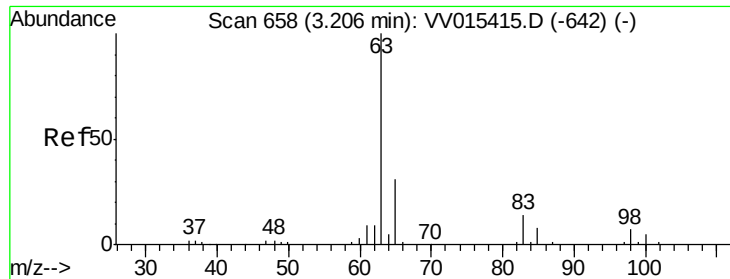
#18
trans-1,2-Dichloroethene
Concen: 5.072 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.01 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Tgt Ion: 96 Resp: 43531
Ion Ratio Lower Upper
96 100
61 143.4 104.4 194.0
98 60.5 42.8 79.4



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

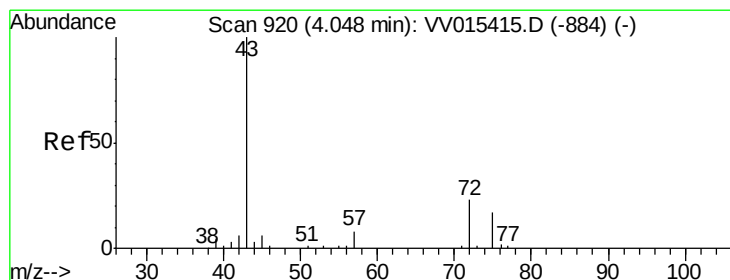
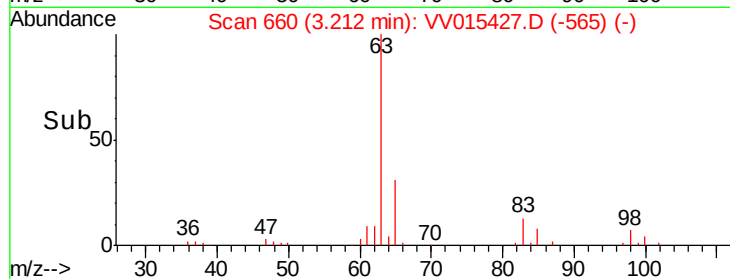
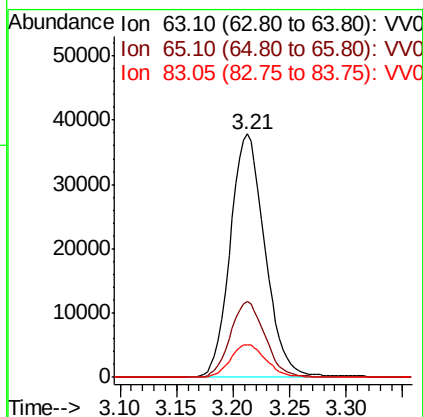
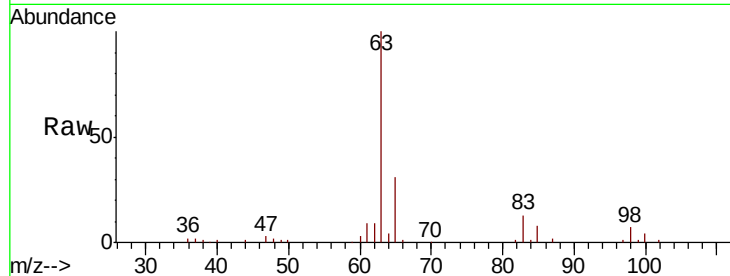




#19
 1,1-Dichloroethane
 Concen: 5.006 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

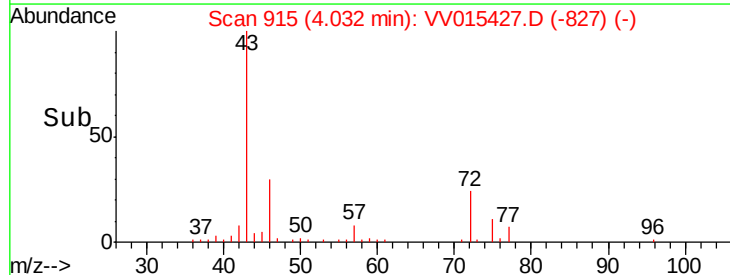
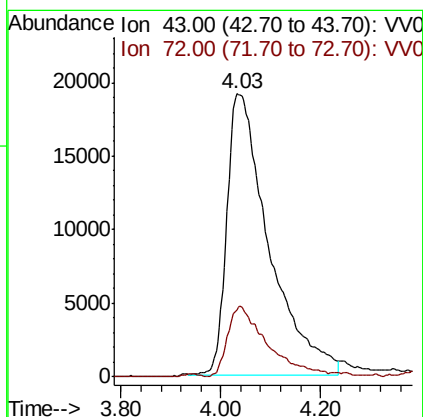
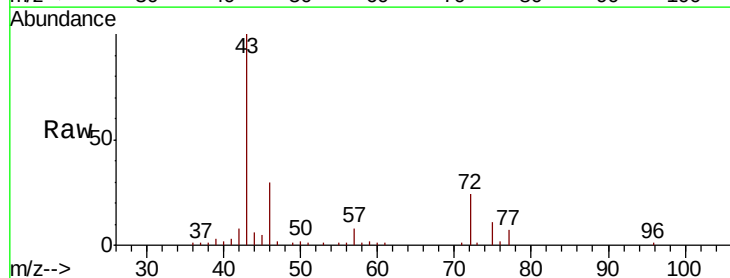
Instrument :
 MSVOA_V
 ClientSampleId :

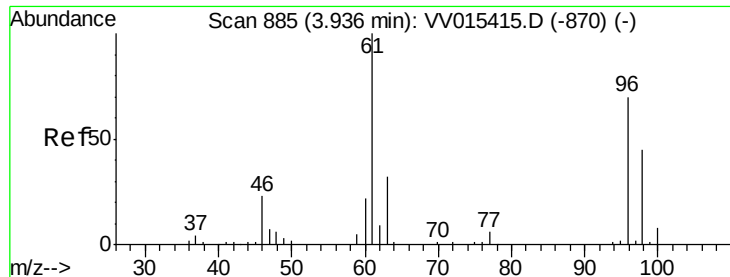
Tot Ion: 63 Resp: 80988
 Ion Ratio Lower Upper
 63 100
 65 31.2 21.3 39.6
 83 13.4 9.4 17.6



#21
 2-Butanone
 Concen: 55.469 ug/L
 RT: 4.03 min Scan# 915
 Delta R.T. -0.02 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 43 Resp: 111931
 Ion Ratio Lower Upper
 43 100
 72 24.0 5.9 17.8#



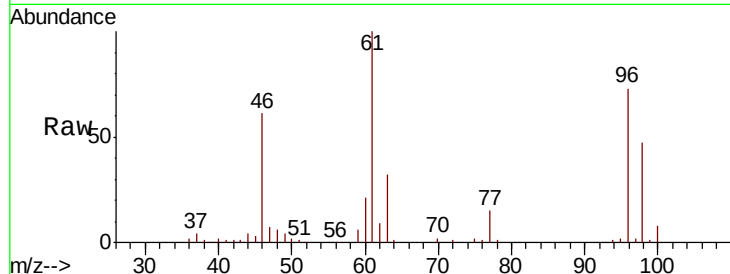


#22

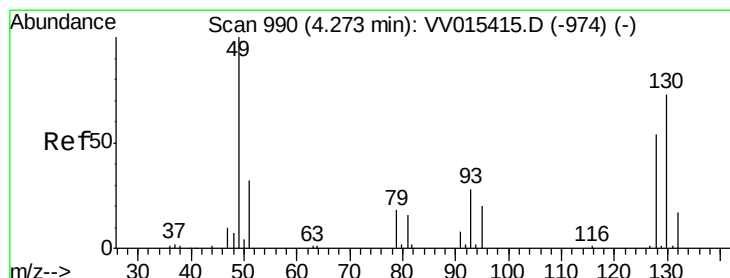
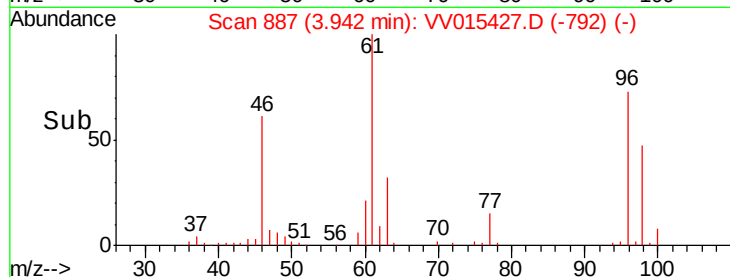
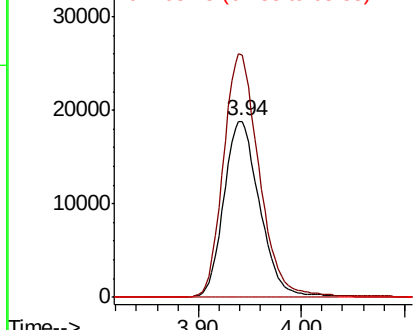
cis-1,2-Dichloroethene
Concen: 5.113 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 45554
Ion Ratio Lower Upper
96 100
61 137.1 100.0 185.8
68 0.0 0.0 0.0



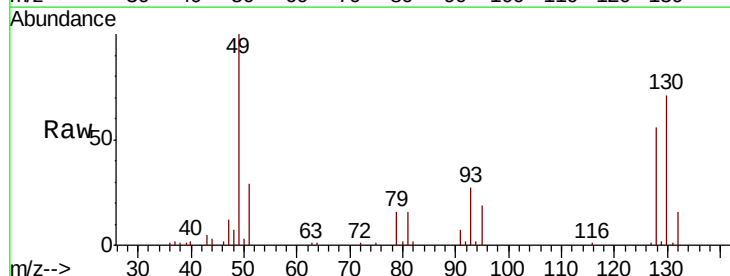
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



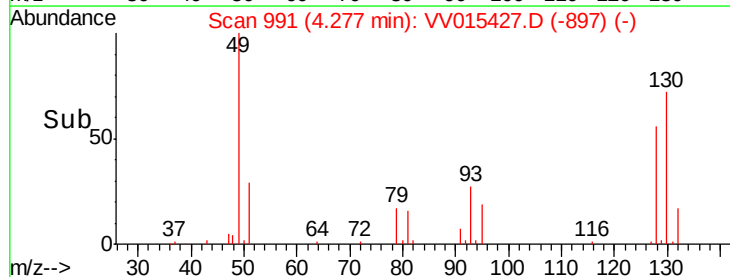
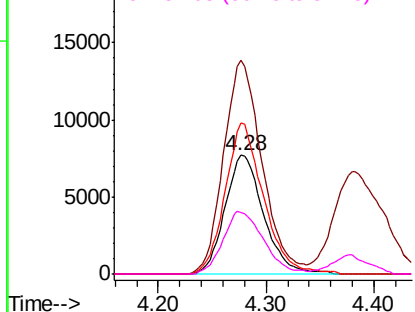
#23

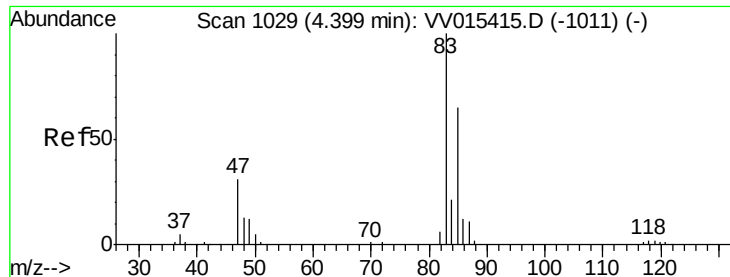
Bromochloromethane
Concen: 5.173 ug/L
RT: 4.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Tgt Ion: 128 Resp: 19178
Ion Ratio Lower Upper
128 100
49 180.1 128.8 239.2
130 127.3 93.5 173.7
51 52.2 47.8 71.6



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

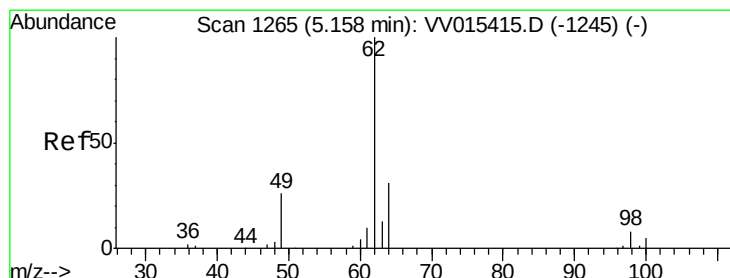
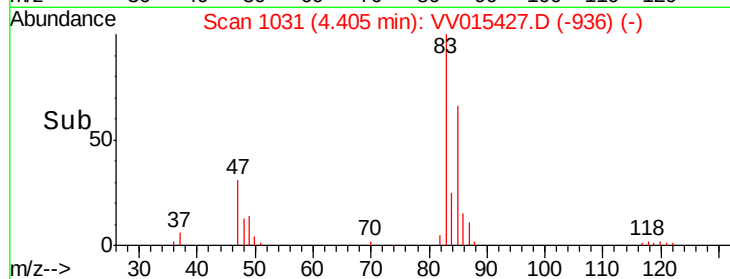
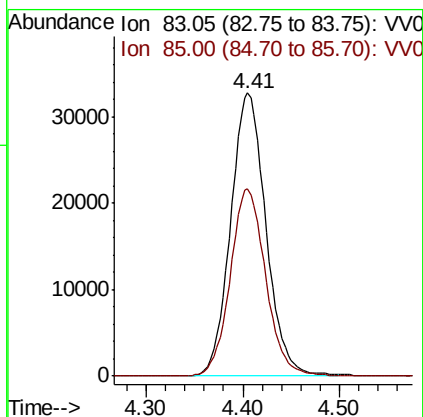
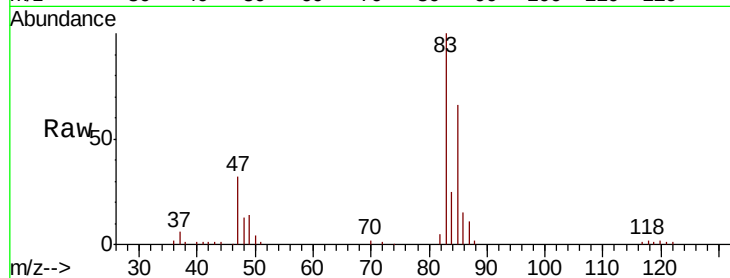




#25
Chloroform
Concen: 5.008 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

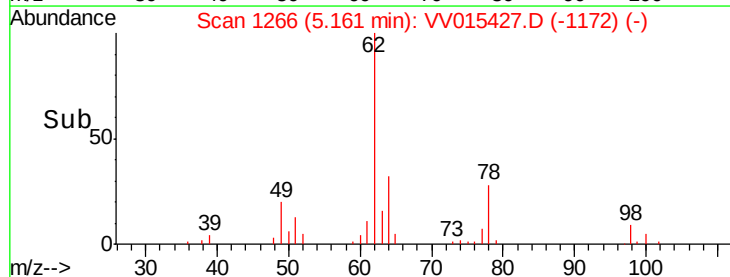
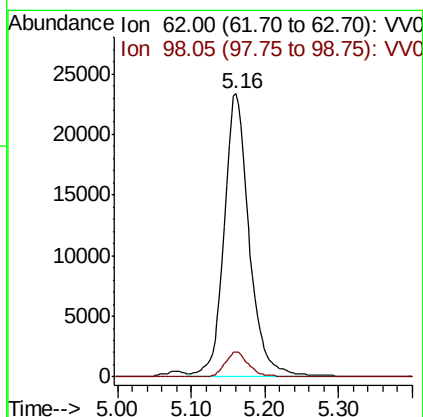
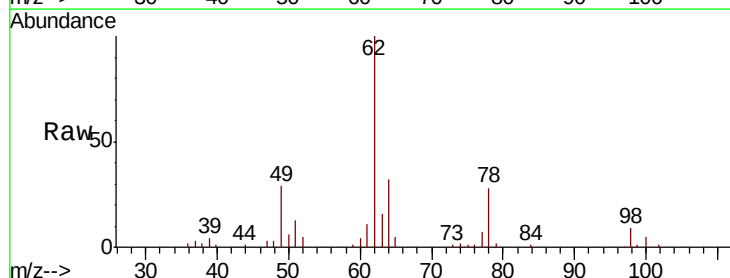
Instrument :
MSVOA_V
ClientSampleId :

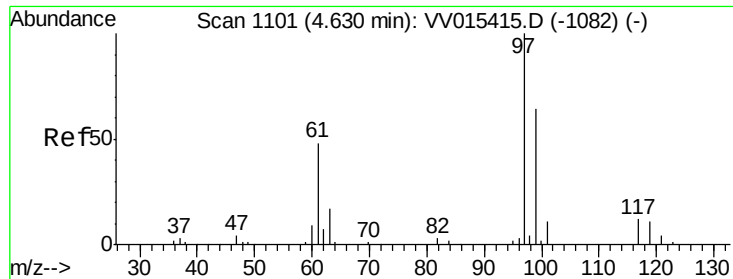
Tot Ion: 83 Resp: 82912
Ion Ratio Lower Upper
83 100
85 66.2 45.9 85.3



#27
1,2-Dichloroethane
Concen: 5.188 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Tgt Ion: 62 Resp: 55530
Ion Ratio Lower Upper
62 100
98 9.0 6.6 10.0

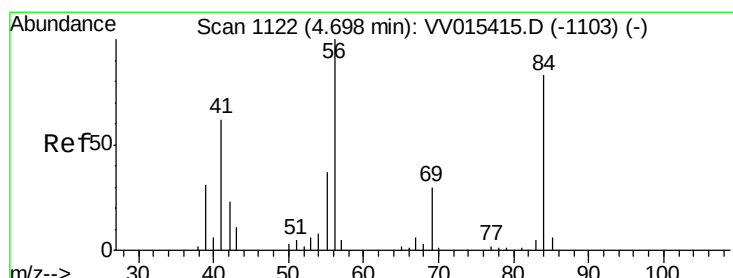
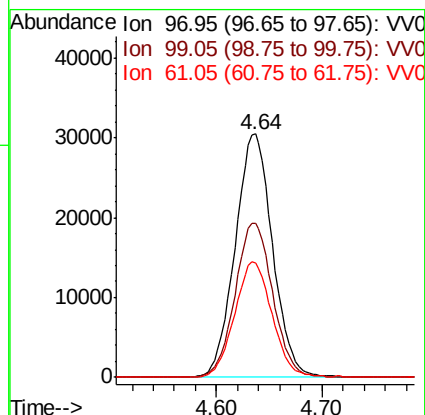
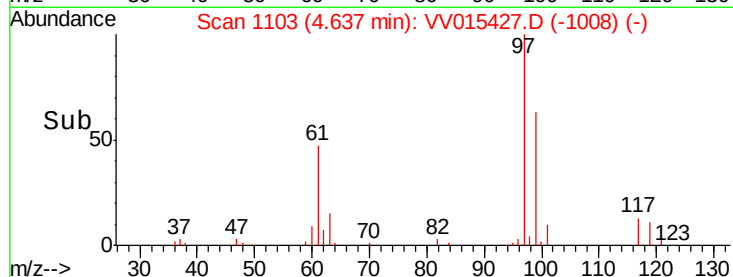
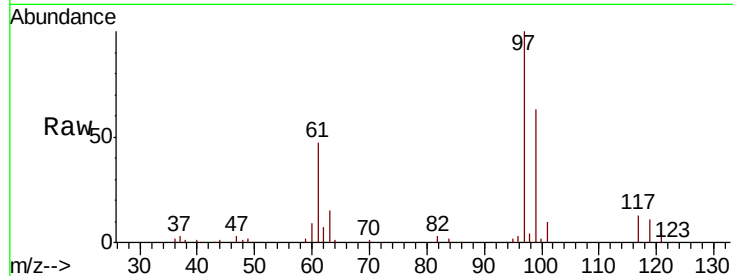




#29
 1,1,1-Trichloroethane
 Concen: 4.940 ug/L
 RT: 4.64 min Scan# 1103
 Delta R.T. 0.01 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

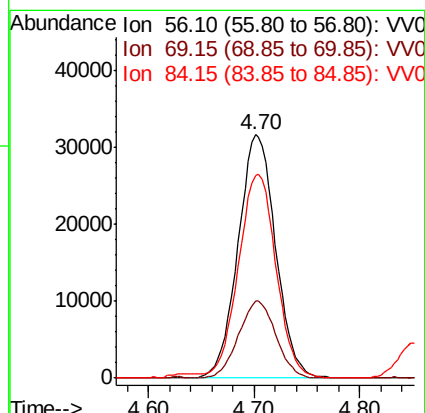
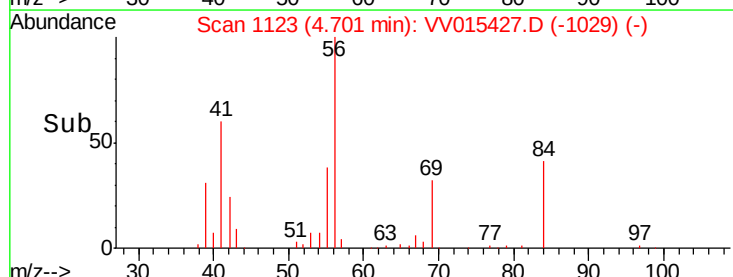
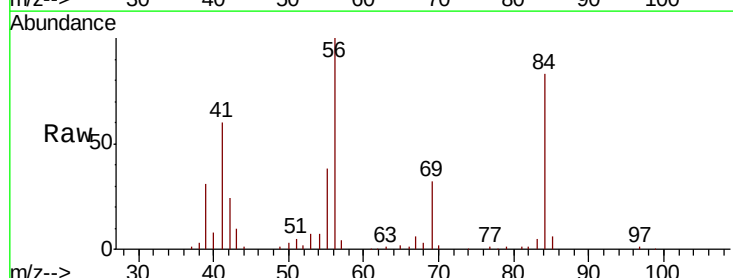
Instrument :
 MSVOA_V
 ClientSampleId :

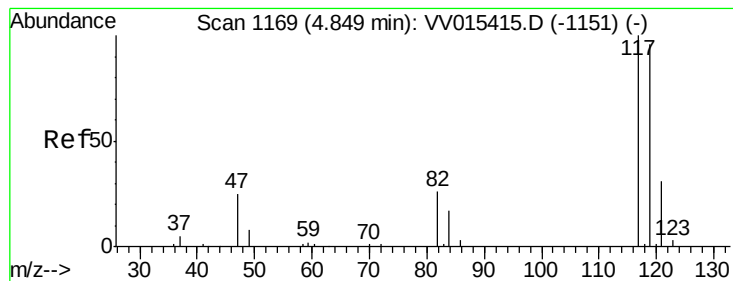
Tot Ion: 97 Resp: 75099
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.6 77.4
 61 47.5 39.0 58.6



#30
 Cyclohexane
 Concen: 4.855 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 56 Resp: 78358
 Ion Ratio Lower Upper
 56 100
 69 31.3 24.2 36.4
 84 84.3 68.4 102.6





#31

Carbon tetrachloride

Concen: 4.849 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.01 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

Instrument :

MSVOA_V

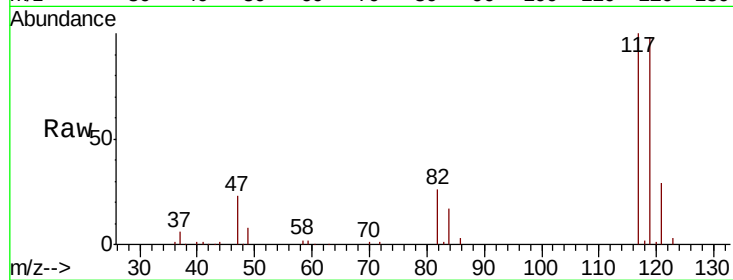
ClientSampleId :

Tot Ion:117 Resp: 64160

Ion Ratio Lower Upper

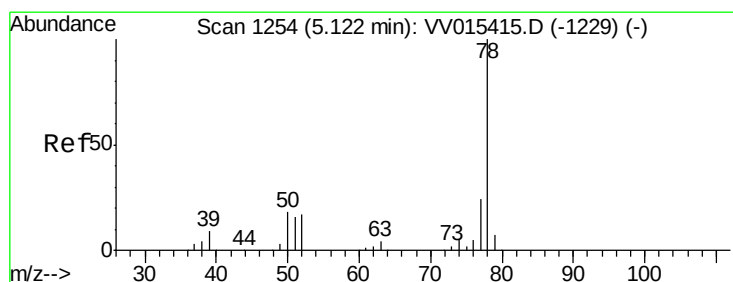
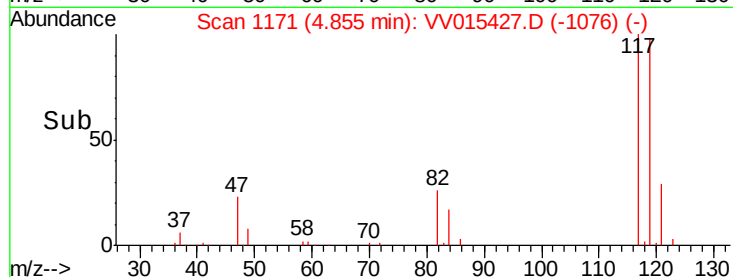
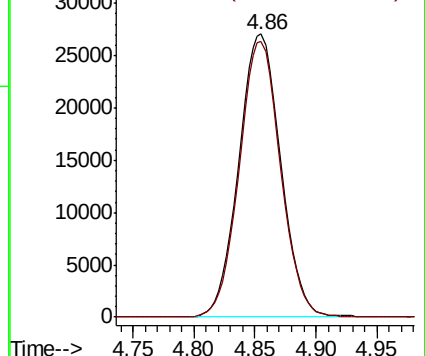
117 100

119 96.1 76.6 115.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.968 ug/L

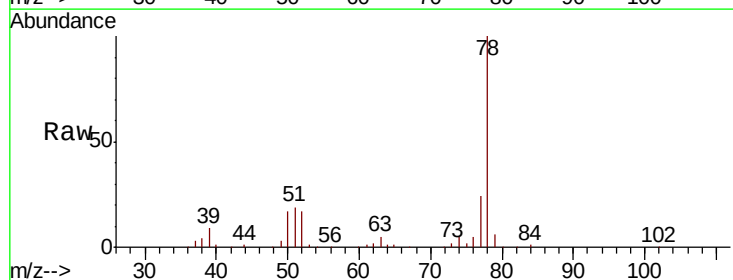
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

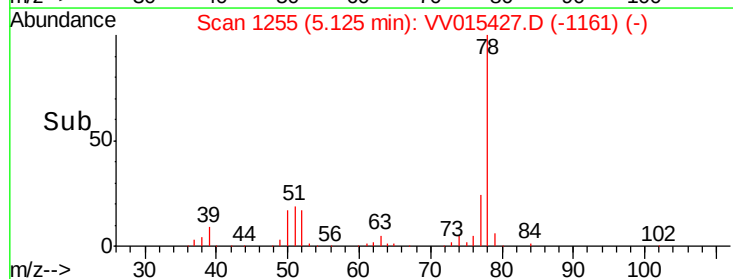
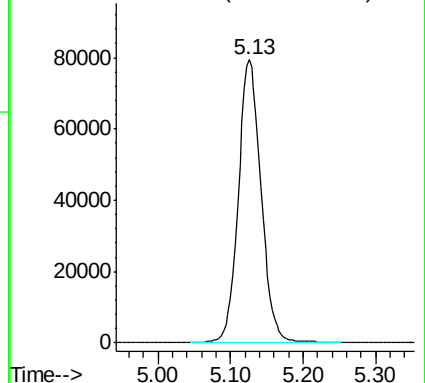
Lab File: VV015427.D

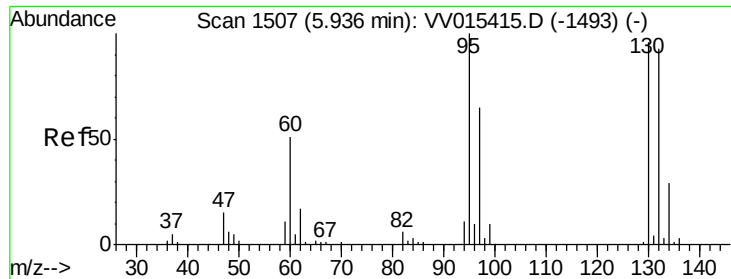
Acq: 09 Apr 2020 18:16

Tgt Ion: 78 Resp: 174230



Abundance Ion 78.10 (77.80 to 78.80): VV0

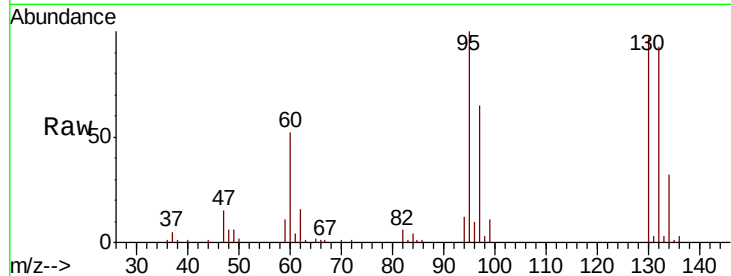




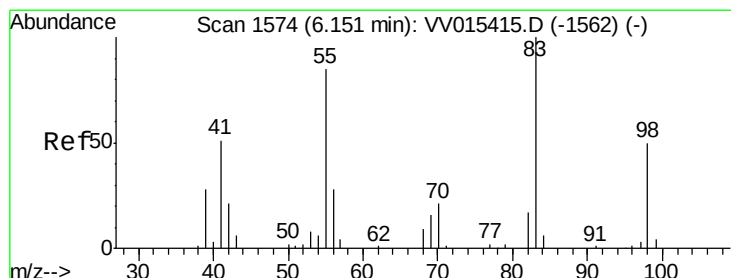
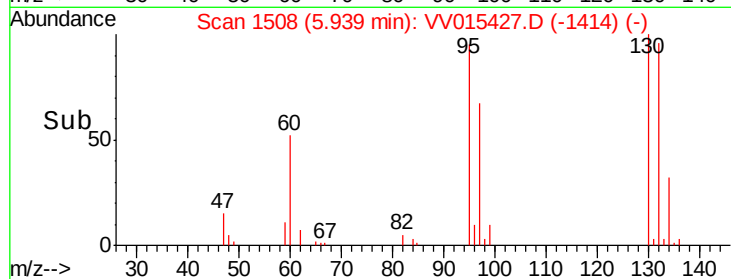
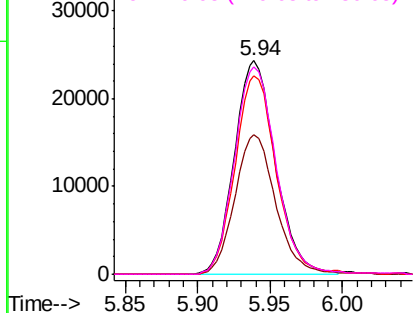
#34
 Trichloroethene
 Concen: 5.066 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 47821
 Ion Ratio Lower Upper
 95 100
 97 65.3 45.4 84.4
 132 93.2 64.8 120.4
 130 97.3 67.4 125.2

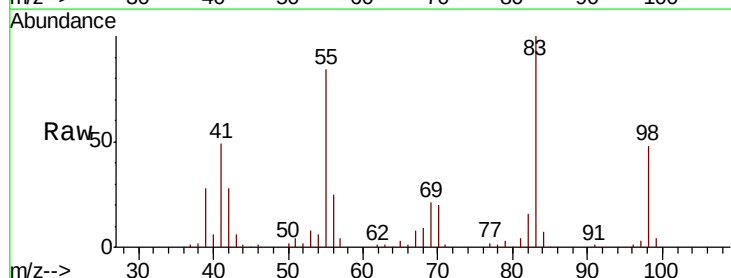


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

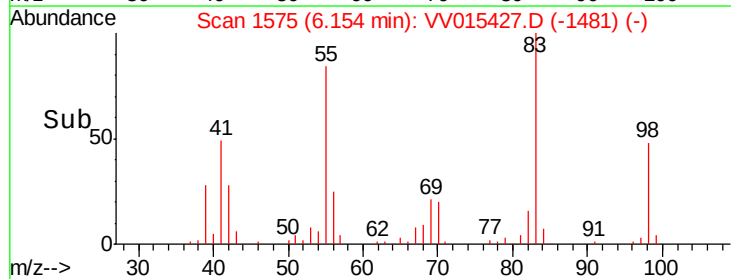
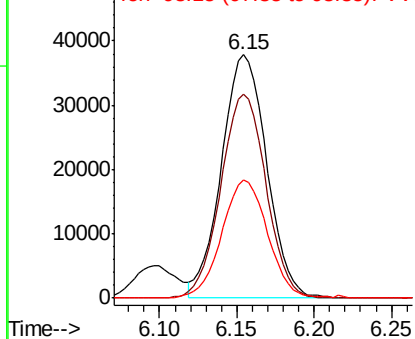


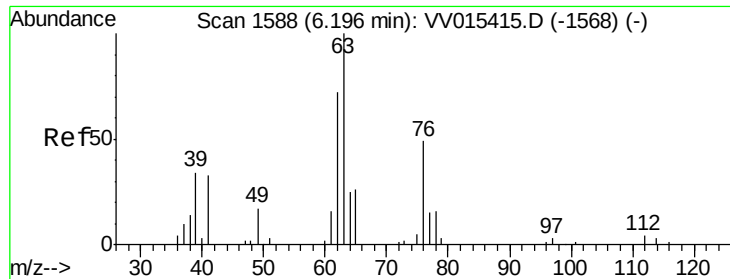
#35
 Methylcyclohexane
 Concen: 4.844 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 83 Resp: 77038
 Ion Ratio Lower Upper
 83 100
 55 83.6 66.6 99.8
 98 49.1 38.7 58.1



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

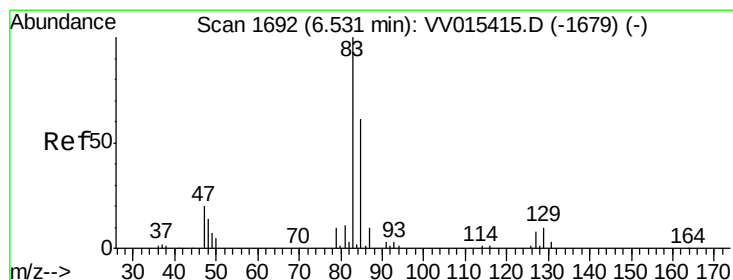
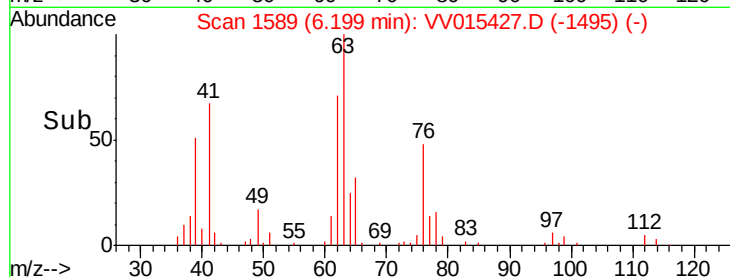
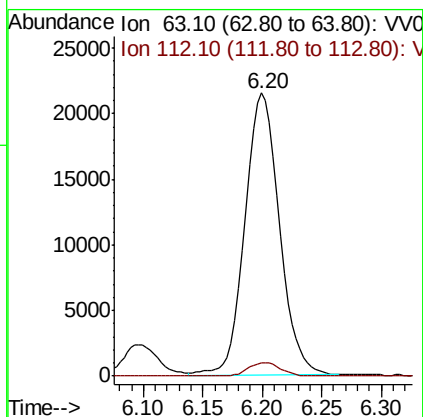
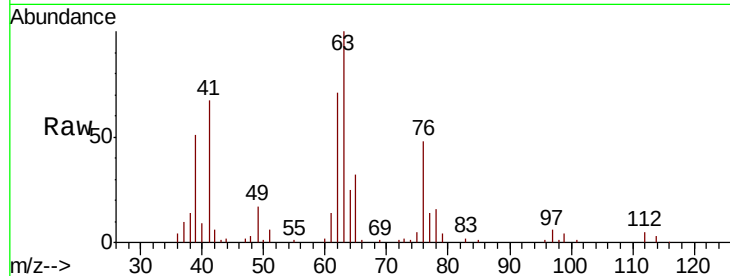




#37
 1,2-Dichloropropane
 Concen: 4.963 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

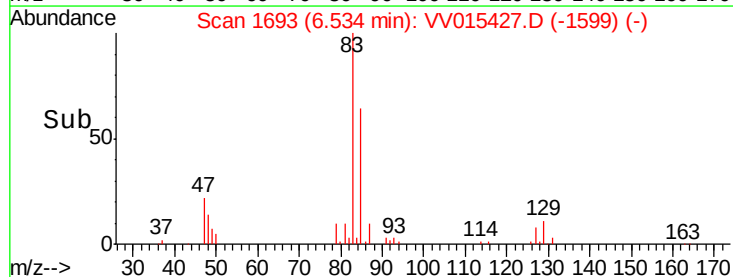
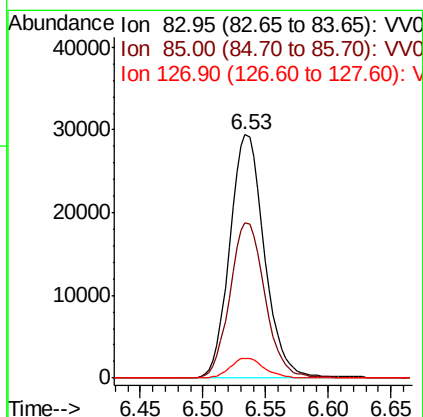
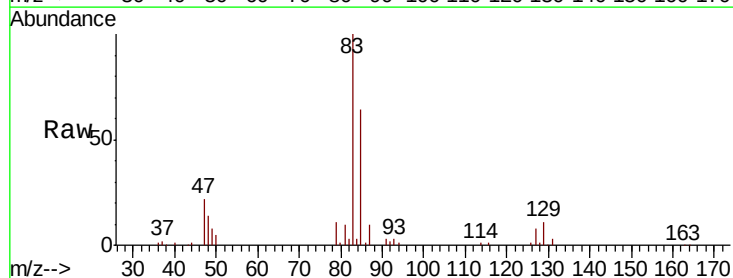
Instrument :
 MSVOA_V
 ClientSampled :

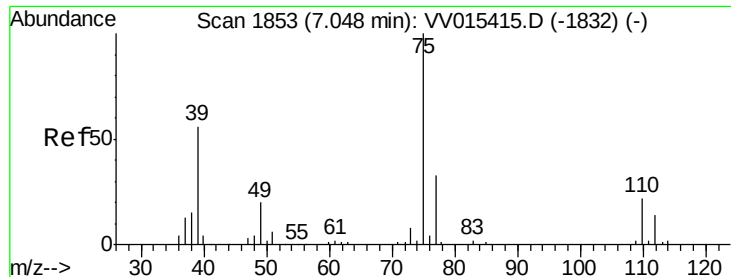
Tot Ion: 63 Resp: 43164
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.6 5.4



#38
 Bromodichloromethane
 Concen: 4.864 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 83 Resp: 56415
 Ion Ratio Lower Upper
 83 100
 85 63.8 42.6 79.2
 127 8.2 6.6 9.8

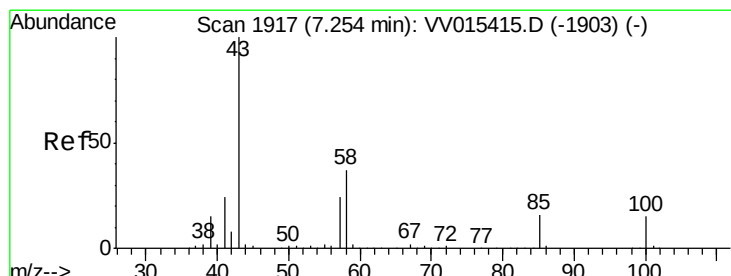
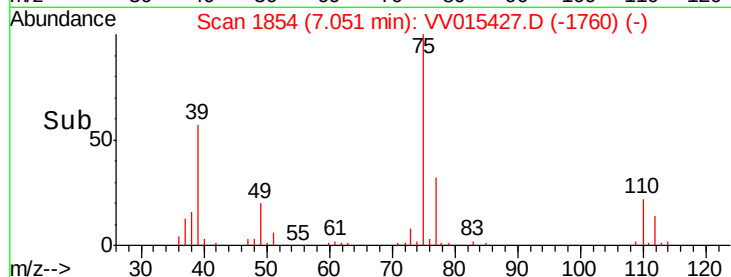
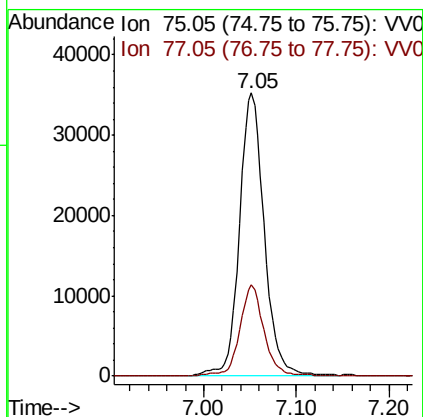
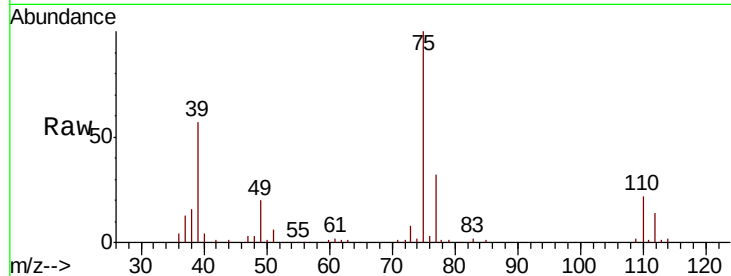




#39
 cis-1,3-Dichloropropene
 Concen: 4.921 ug/L
 RT: 7.05 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

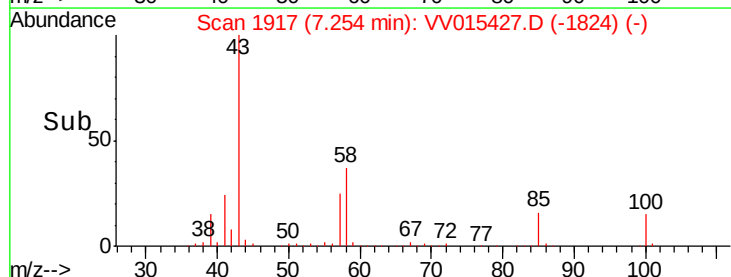
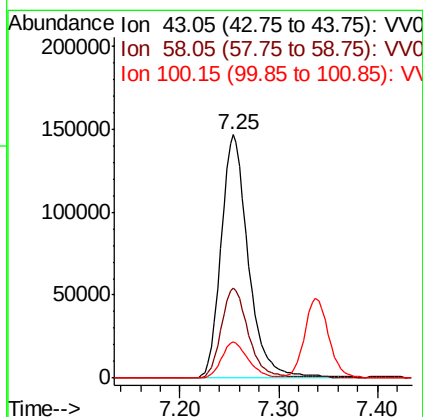
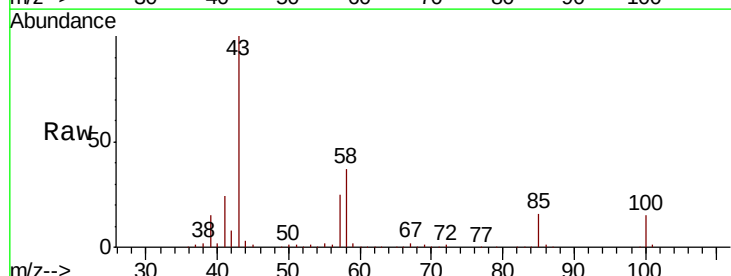
Instrument :
 MSVOA_V
 ClientSampled :

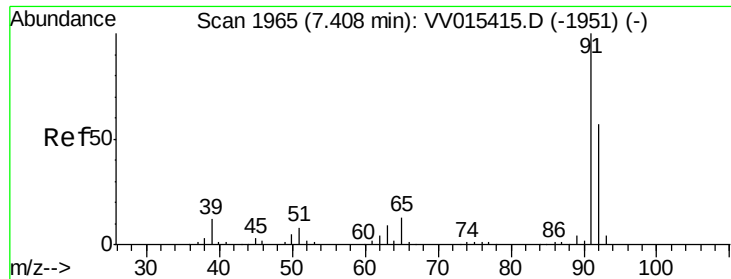
Tot Ion: 75 Resp: 65687
 Ion Ratio Lower Upper
 75 100
 77 32.2 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 49.768 ug/L
 RT: 7.25 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 43 Resp: 284246
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.0 43.6
 100 14.5 11.0 16.6





#42

Toluene

Concen: 4.947 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

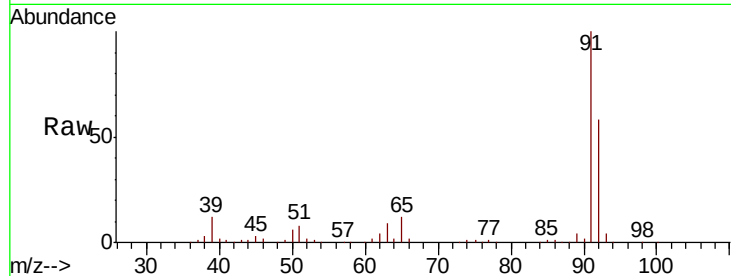
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 188336

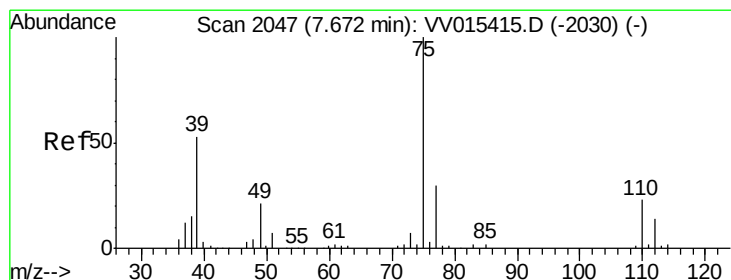
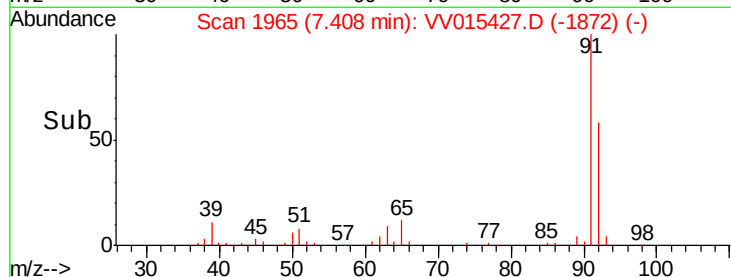
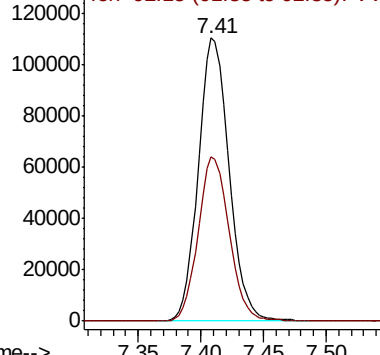
Ion Ratio Lower Upper

91 100

92 58.2 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 4.894 ug/L

RT: 7.68 min Scan# 2048

Delta R.T. 0.00 min

Lab File: VV015427.D

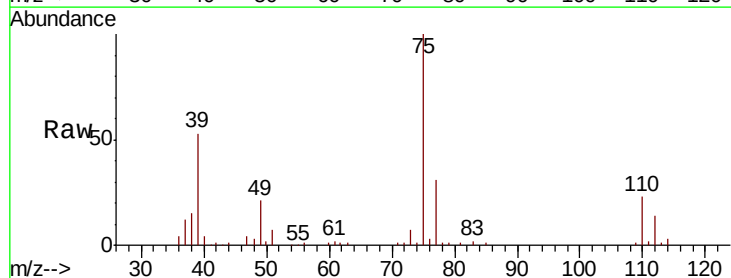
Acq: 09 Apr 2020 18:16

Tgt Ion: 75 Resp: 55240

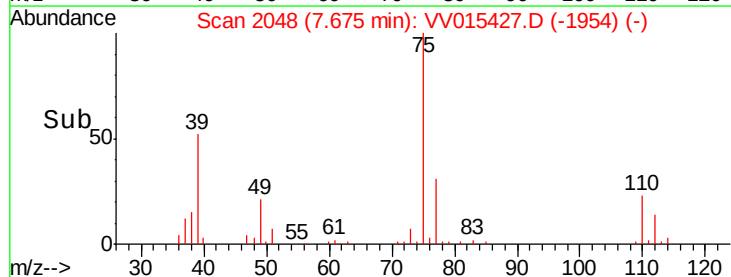
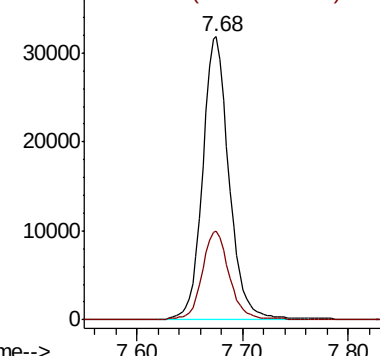
Ion Ratio Lower Upper

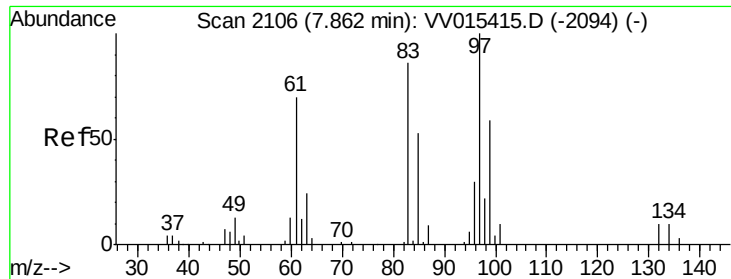
75 100

77 31.5 21.0 39.0



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

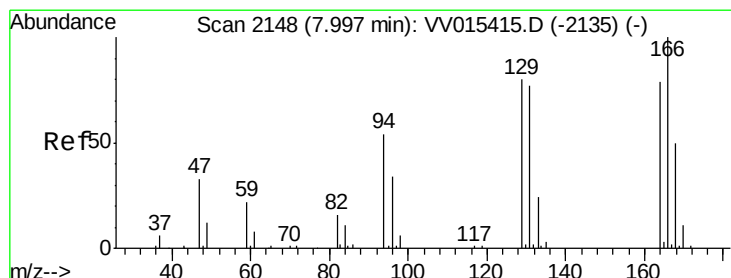
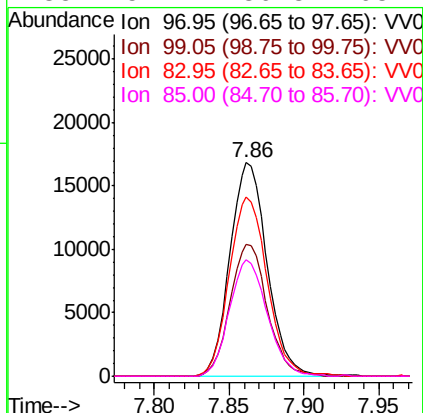
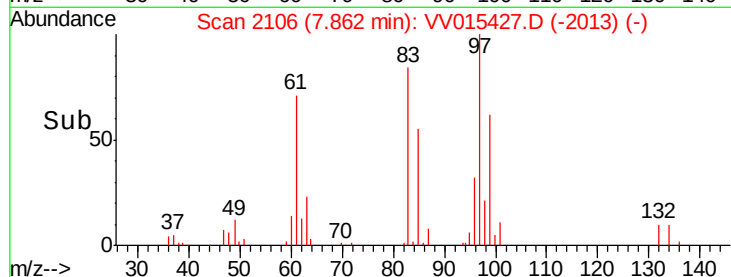
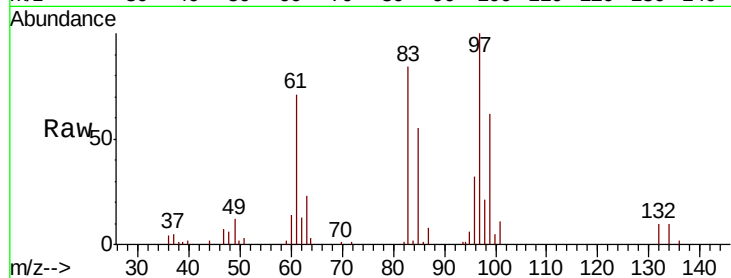




#45
 1,1,2-Trichloroethane
 Concen: 5.003 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

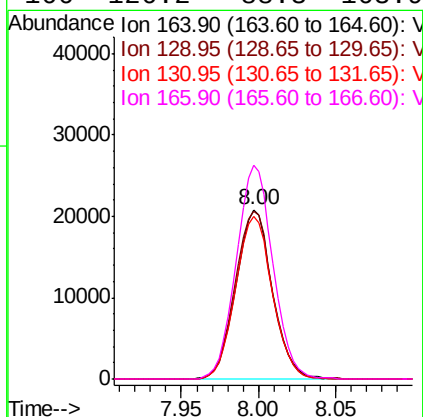
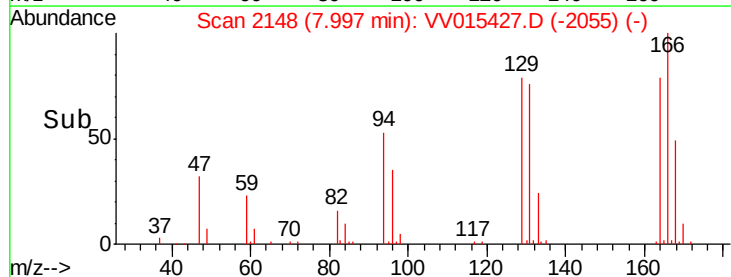
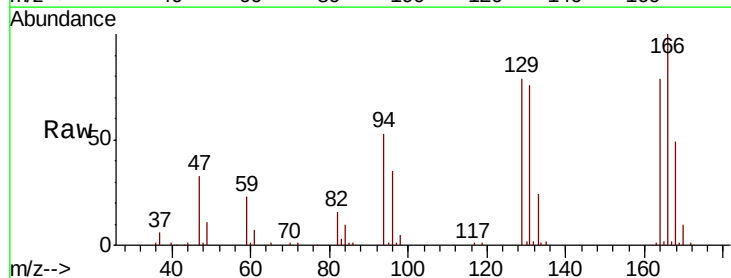
Instrument :
 MSVOA_V
 ClientSampled :

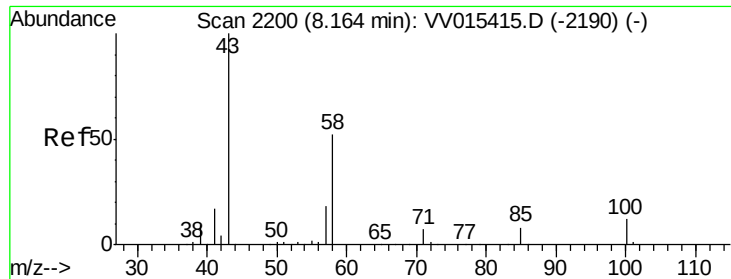
Tot Ion:	97	Resp:	29252
Ion	Ratio	Lower	Upper
97	100		
99	61.6	41.3	76.7
83	83.7	60.5	112.3
85	54.7	36.8	68.4



#47
 Tetrachloroethene
 Concen: 4.863 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion:	164	Resp:	34007
Ion	Ratio	Lower	Upper
164	100		
129	99.2	70.6	131.0
131	95.8	68.3	126.8
166	126.2	88.3	163.9

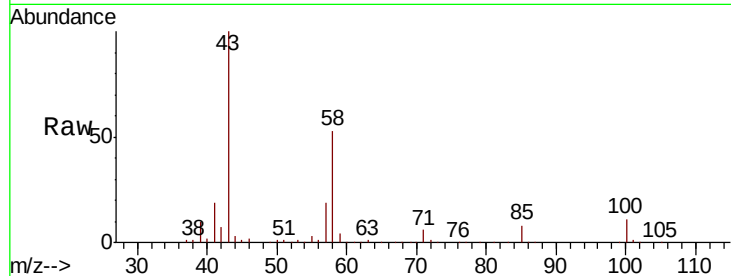




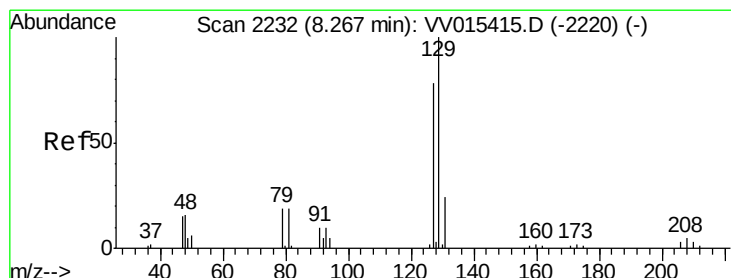
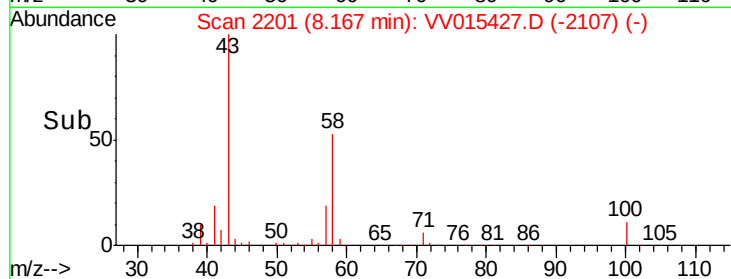
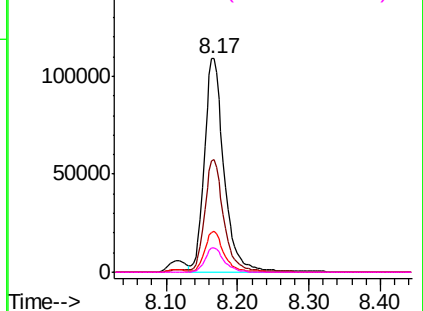
#48
2-Hexanone
Concen: 52.059 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 207746
Ion Ratio Lower Upper
43 100
58 50.7 41.4 62.0
57 18.3 15.0 22.4
100 10.9 9.4 14.2

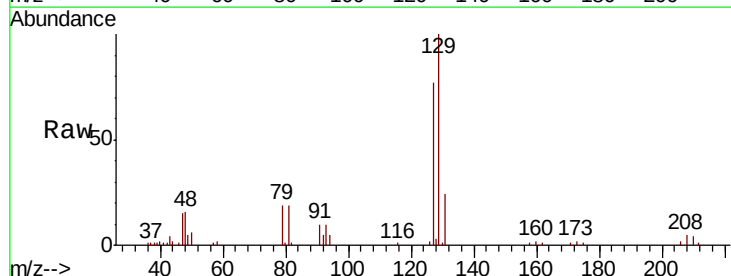


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

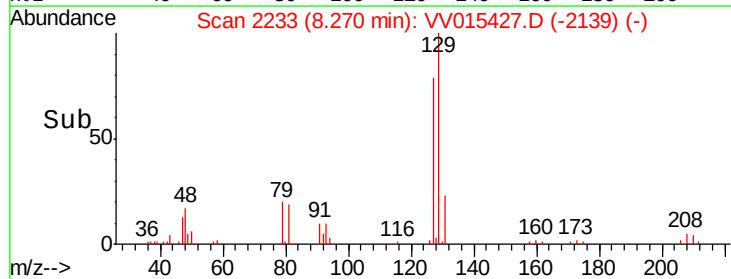
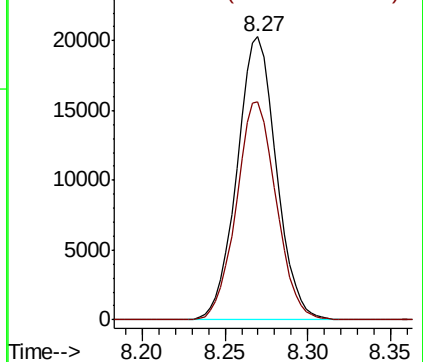


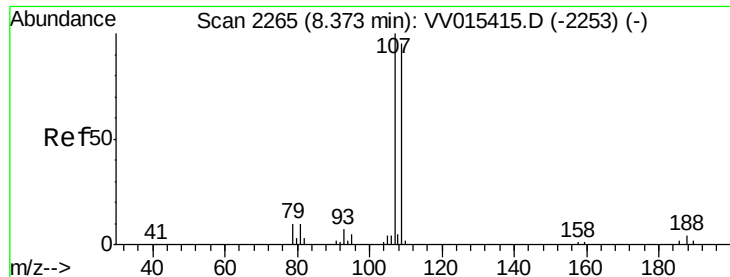
#49
Dibromochloromethane
Concen: 4.786 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV015427.D
Acq: 09 Apr 2020 18:16

Tgt Ion: 129 Resp: 33523
Ion Ratio Lower Upper
129 100
127 76.9 54.7 101.7



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

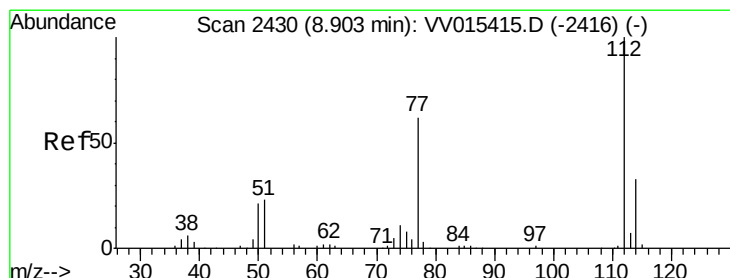
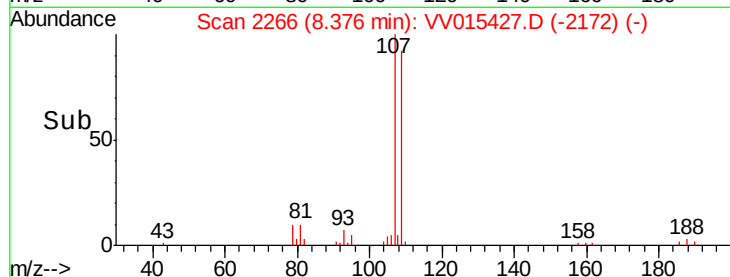
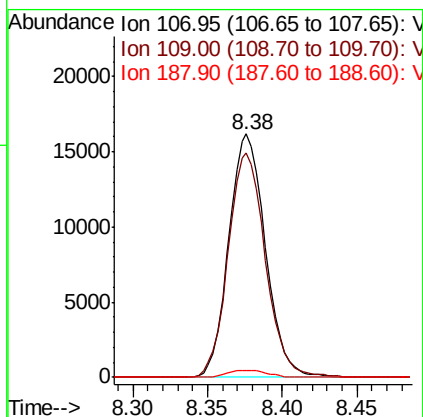
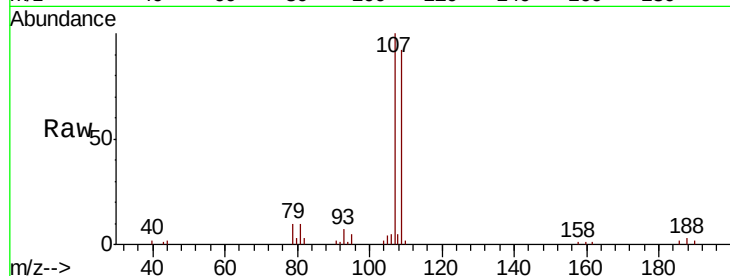




#50
 1,2-Dibromoethane
 Concen: 4.918 ug/L
 RT: 8.38 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

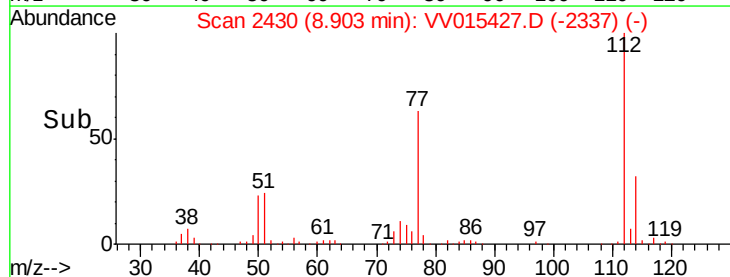
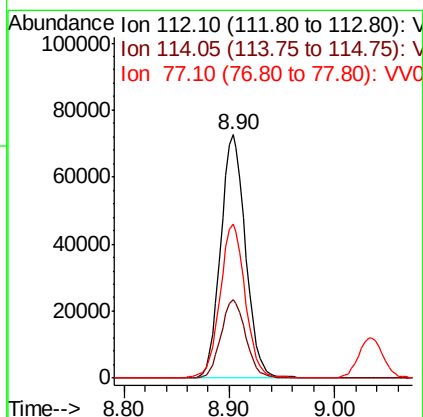
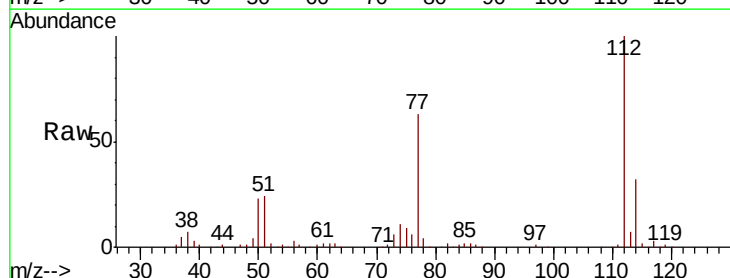
Instrument :
 MSVOA_V
 ClientSampleId :

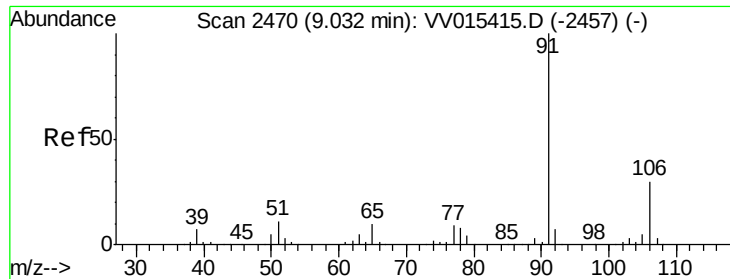
Tot Ion:107 Resp: 27557
 Ion Ratio Lower Upper
 107 100
 109 92.3 66.7 123.9
 188 3.0 2.9 4.3



#51
 Chlorobenzene
 Concen: 4.886 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion:112 Resp: 118584
 Ion Ratio Lower Upper
 112 100
 114 32.4 22.9 42.5
 77 63.3 49.8 74.8





#52

Ethylbenzene

Concen: 4.966 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

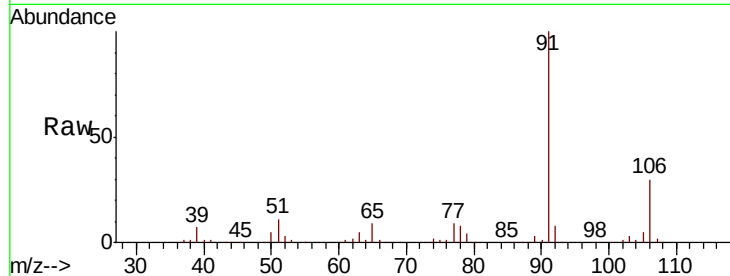
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 217641

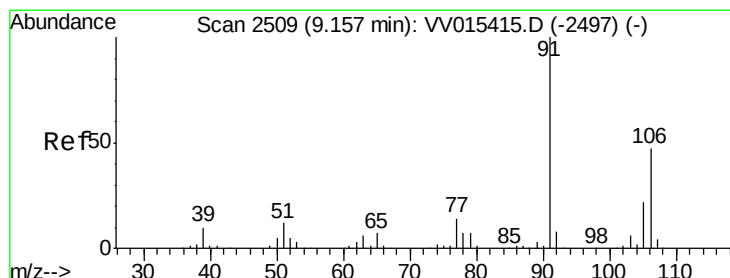
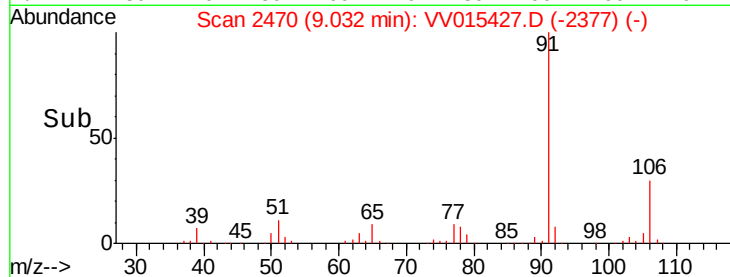
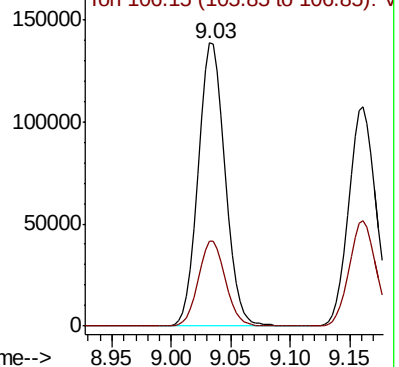
Ion Ratio Lower Upper

91 100

106 30.1 20.8 38.6



Abundance Ion 91.15 (90.85 to 91.85): VV015427.D (-2377) (-)



#53

m,p-xylene

Concen: 4.929 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015427.D

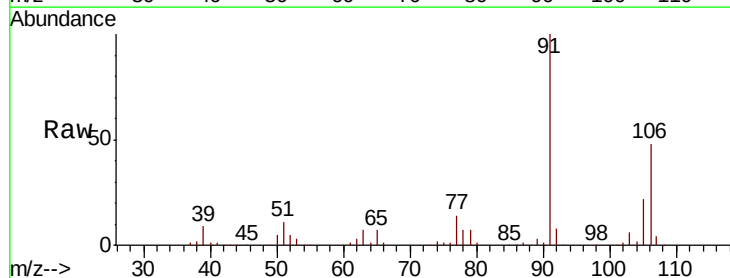
Acq: 09 Apr 2020 18:16

Tgt Ion: 106 Resp: 81592

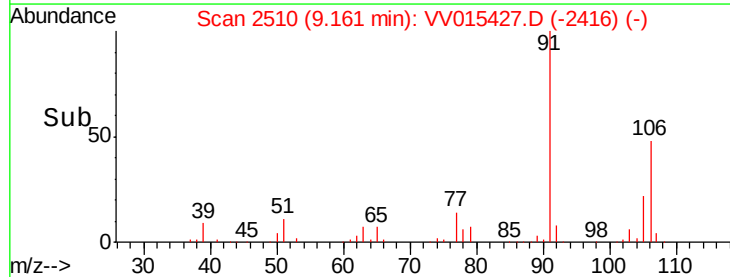
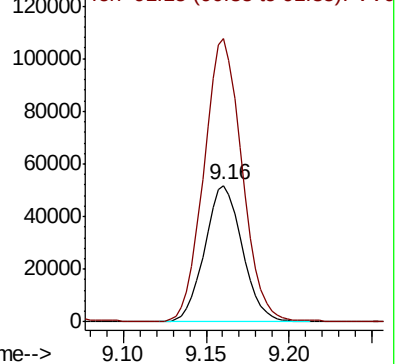
Ion Ratio Lower Upper

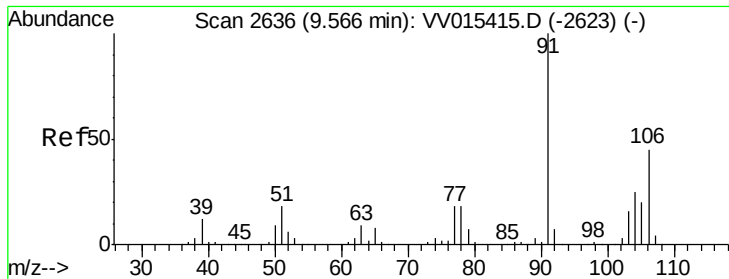
106 100

91 207.6 147.9 274.7



Abundance Ion 106.15 (105.85 to 106.85): VV015427.D (-2416) (-)





#54

o-xylene

Concen: 4.949 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

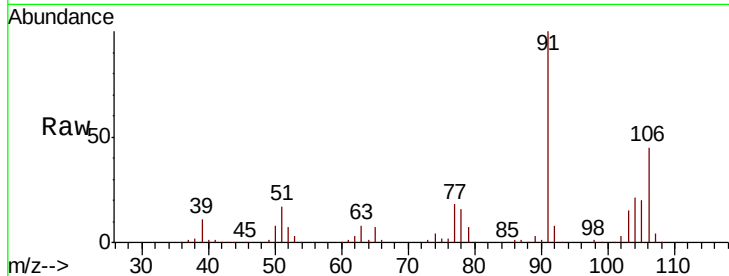
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 79290

Ion Ratio Lower Upper

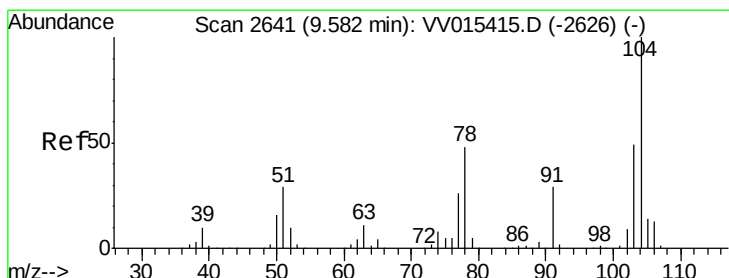
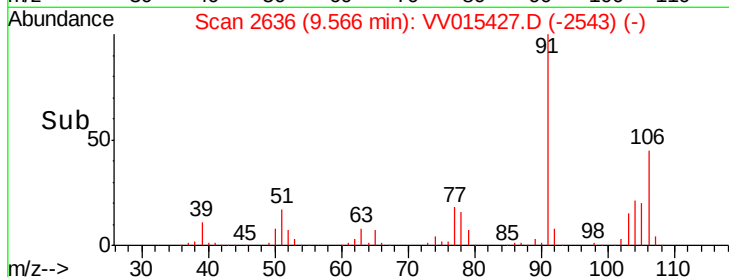
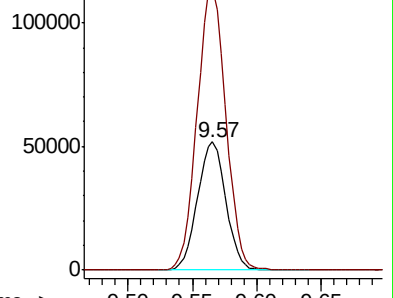
106 100

91 221.3 154.5 286.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 4.991 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV015427.D

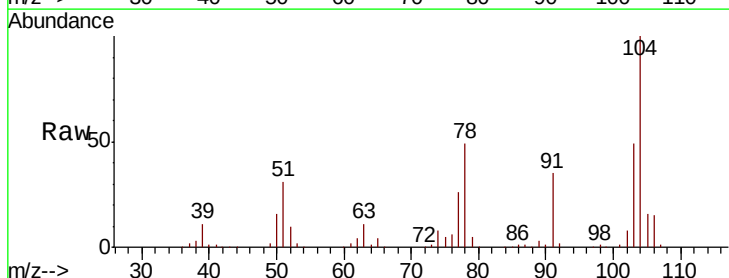
Acq: 09 Apr 2020 18:16

Tgt Ion:104 Resp: 134403

Ion Ratio Lower Upper

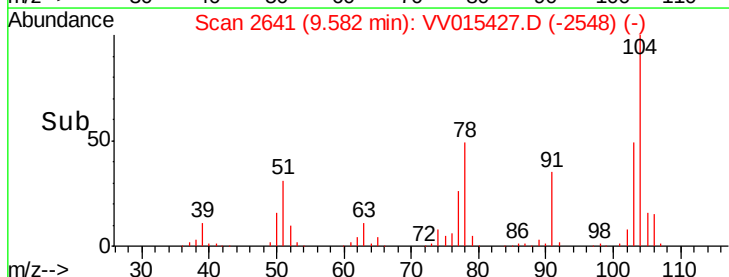
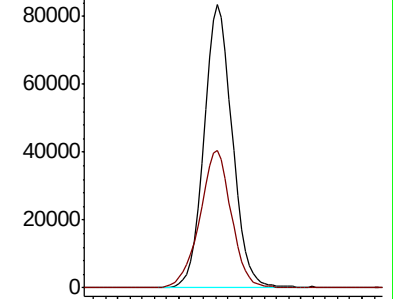
104 100

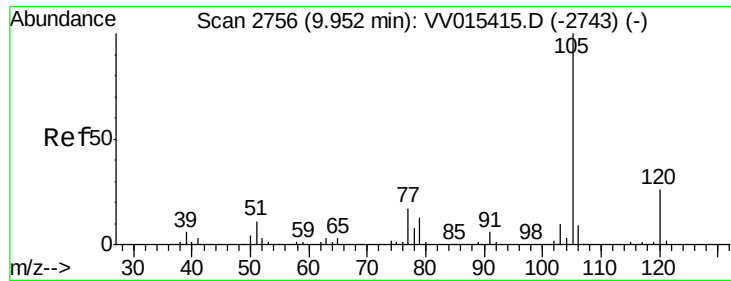
78 48.6 33.5 62.3



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 4.871 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

Instrument :
MSVOA_V
ClientSampleId :

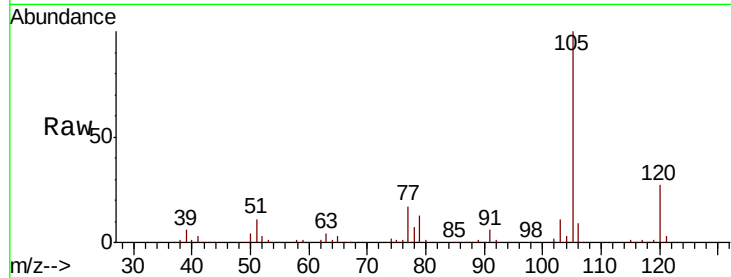
Tot Ion:105 Resp: 213964

Ion Ratio Lower Upper

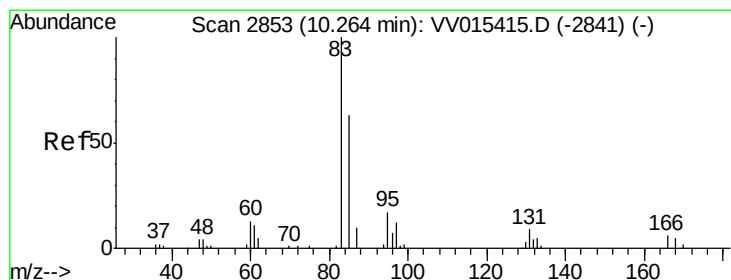
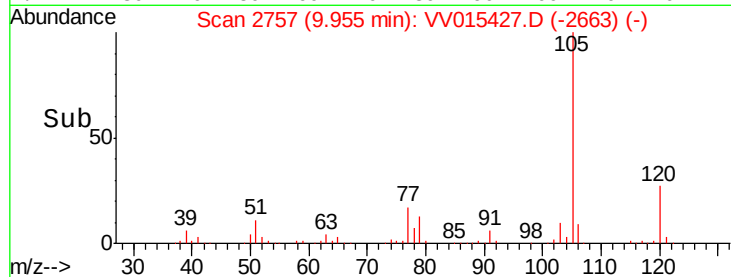
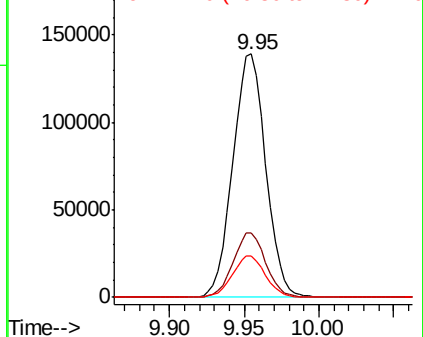
105 100

120 26.1 20.7 31.1

77 16.9 13.5 20.3



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: 5.040 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

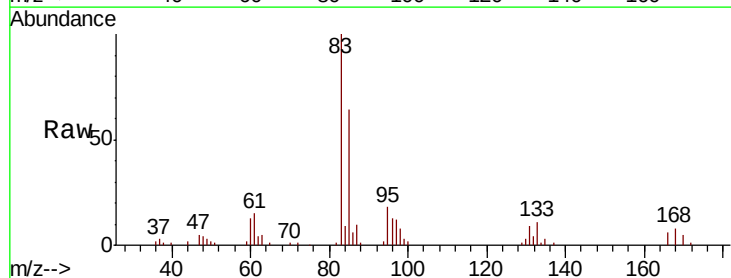
Tgt Ion: 83 Resp: 35869

Ion Ratio Lower Upper

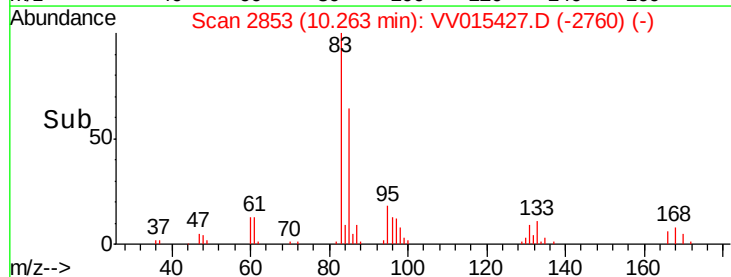
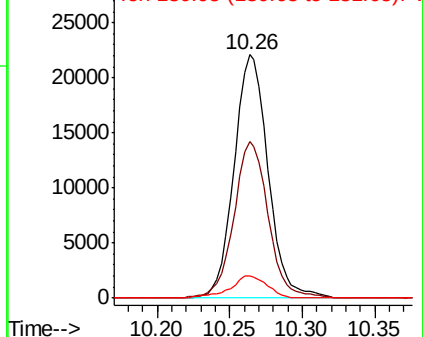
83 100

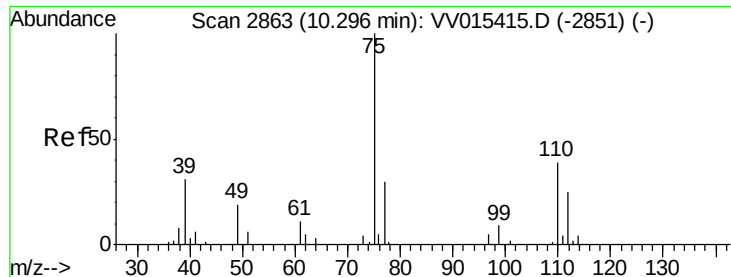
85 64.3 44.5 82.7

131 9.2 7.5 11.3



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

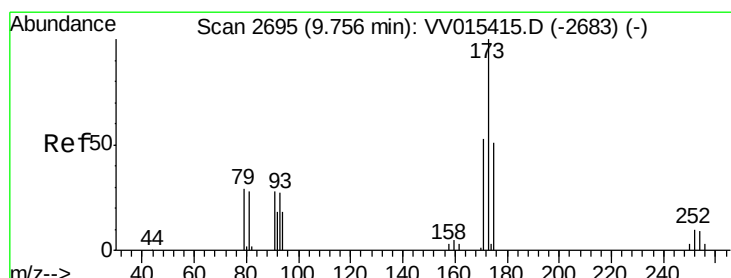
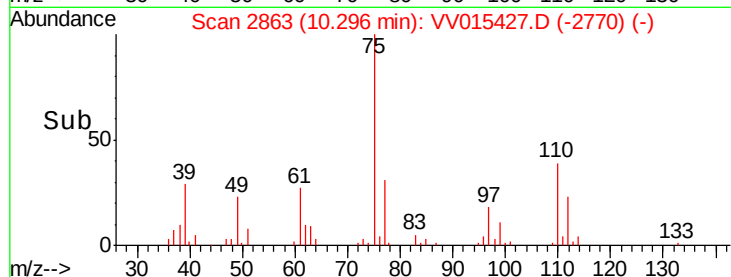
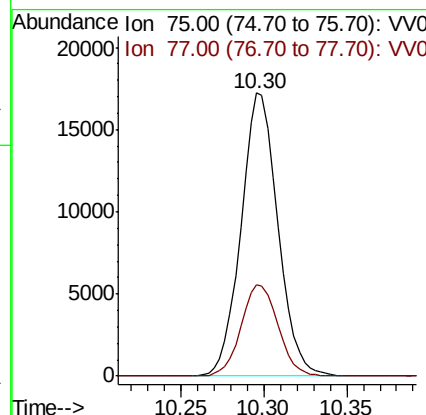
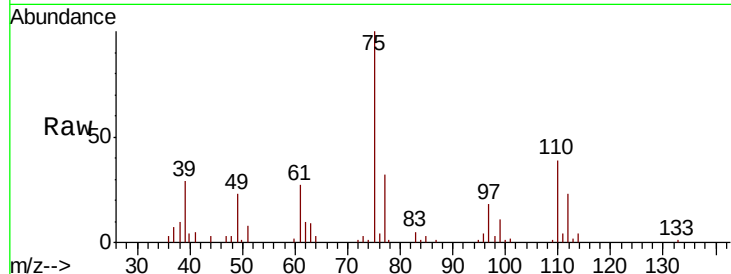




#59
 1,2,3-Trichloropropane
 Concen: 4.944 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

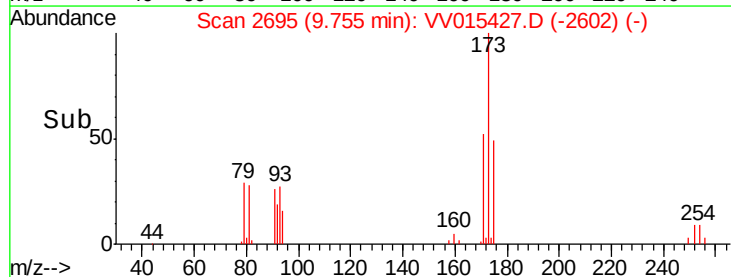
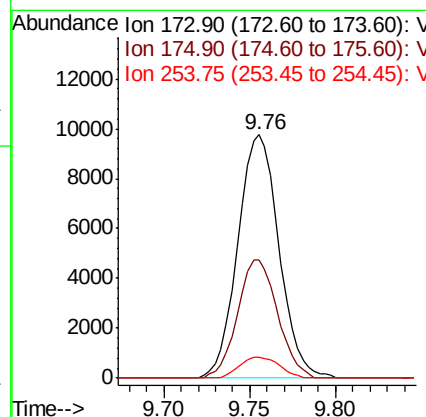
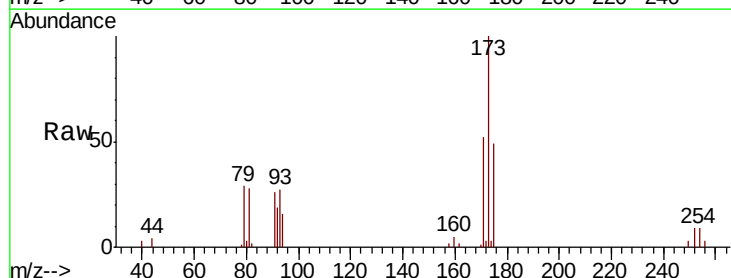
Instrument :
 MSVOA_V
 ClientSampleId :

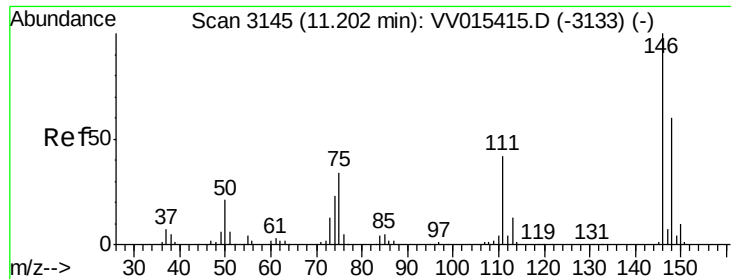
Tot Ion: 75 Resp: 26589
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0



#61
 Bromoform
 Concen: 4.738 ug/L
 RT: 9.76 min Scan# 2695
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 173 Resp: 16257
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.2 57.2
 254 8.4 6.6 10.0





#62

1,3-Dichlorobenzene

Concen: 4.967 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

Instrument :

MSVOA_V

ClientSampleId :

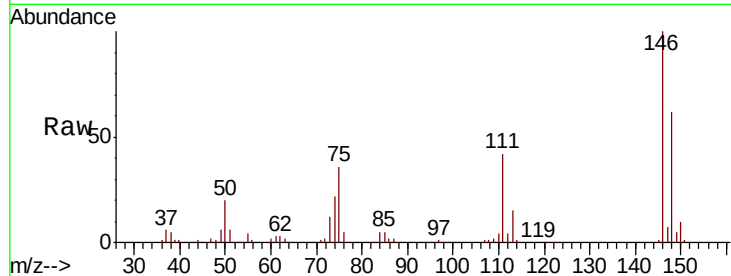
Tot Ion:146 Resp: 93684

Ion Ratio Lower Upper

146 100

111 42.1 29.3 54.5

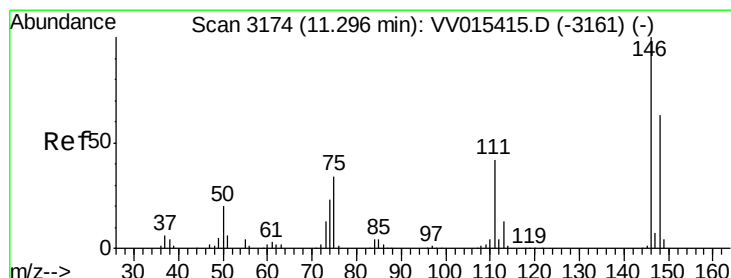
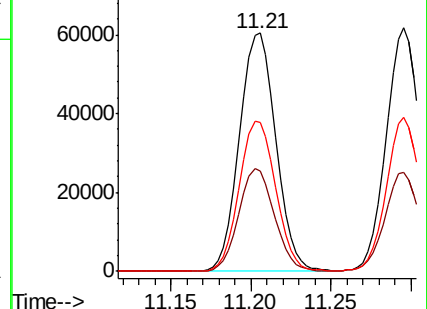
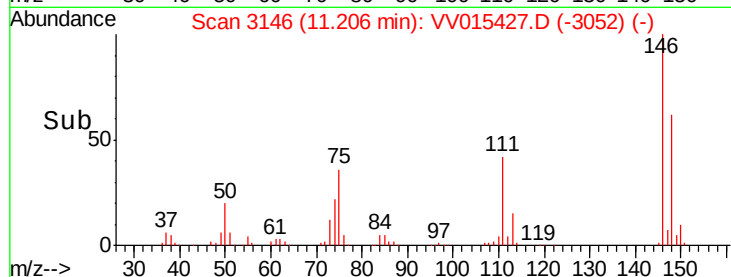
148 62.4 42.4 78.6



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: 4.922 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

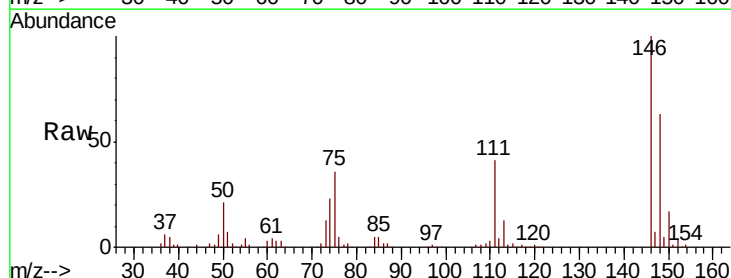
Tgt Ion:146 Resp: 94458

Ion Ratio Lower Upper

146 100

111 40.7 29.4 54.6

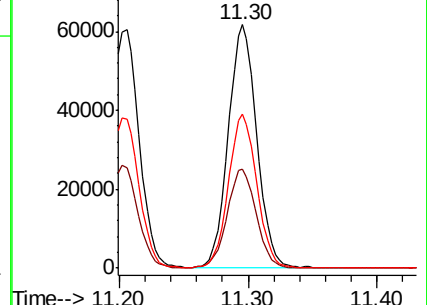
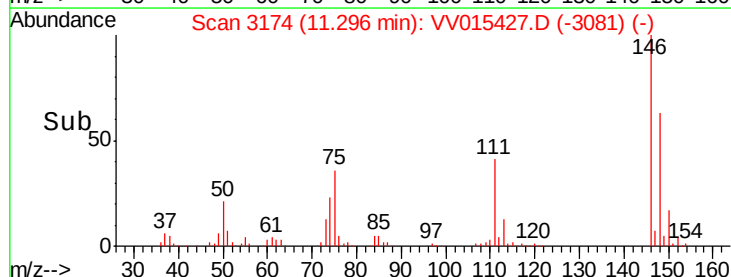
148 63.4 44.3 82.3

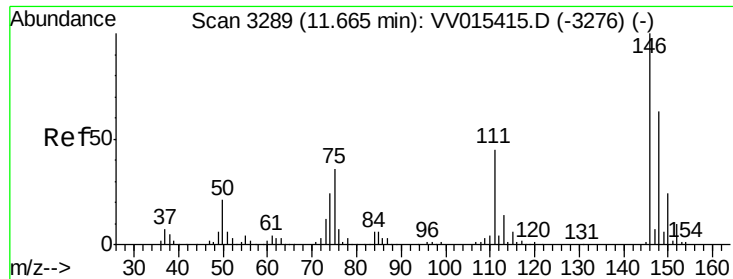


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

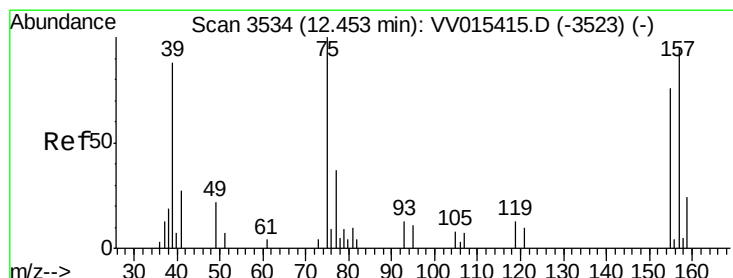
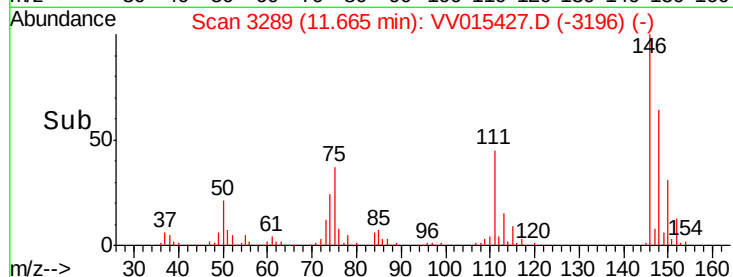
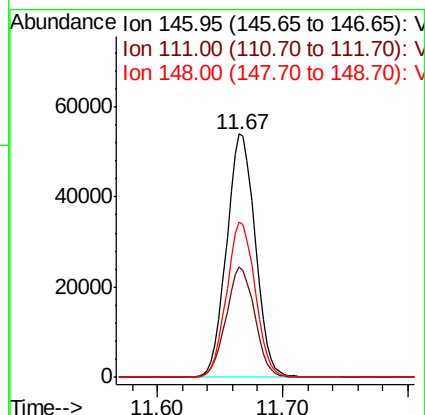
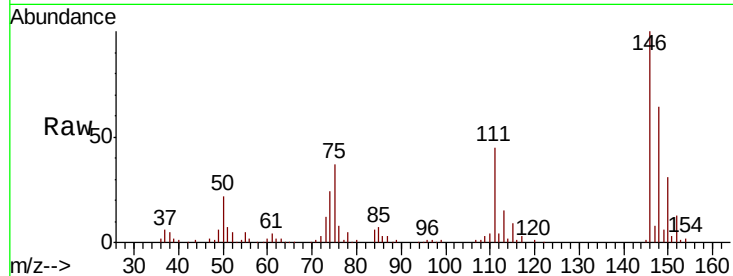




#65
 1,2-Dichlorobenzene
 Concen: 4.973 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

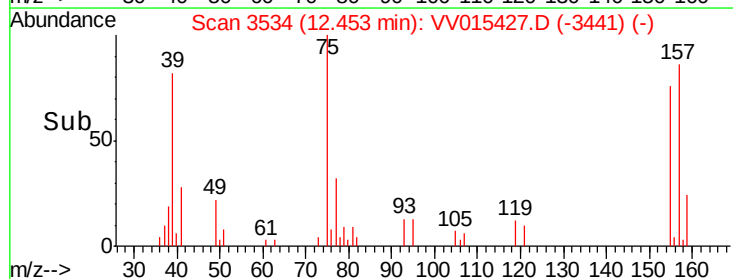
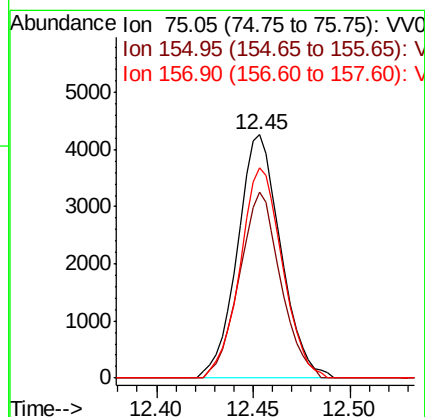
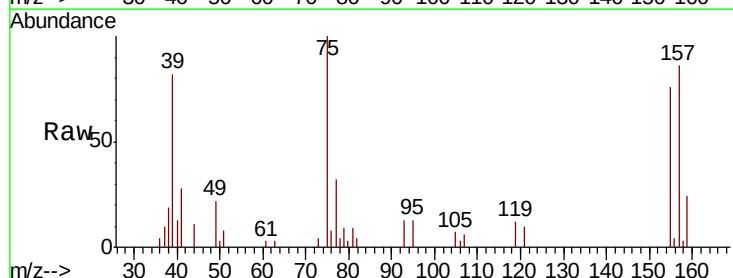
Instrument :
 MSVOA_V
 ClientSampleId :

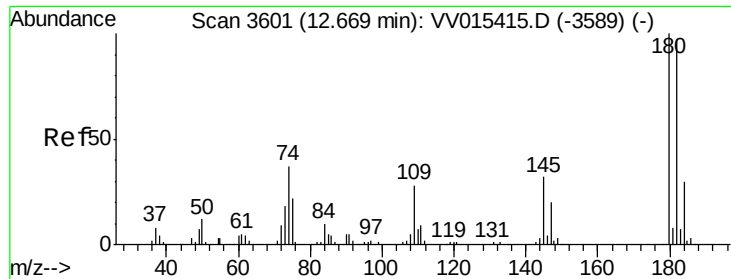
Tot Ion:146 Resp: 85502
 Ion Ratio Lower Upper
 146 100
 111 45.4 35.8 53.6
 148 63.8 50.2 75.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 5.040 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion: 75 Resp: 6632
 Ion Ratio Lower Upper
 75 100
 155 76.2 60.8 91.2
 157 86.3 75.7 113.5

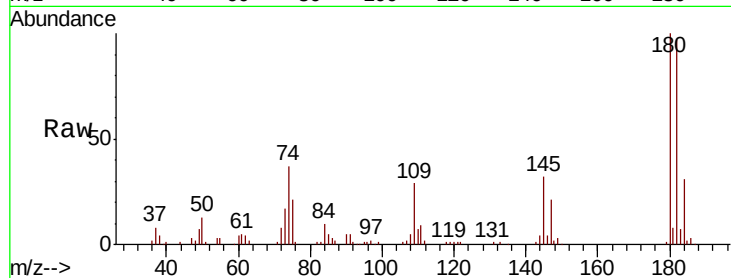




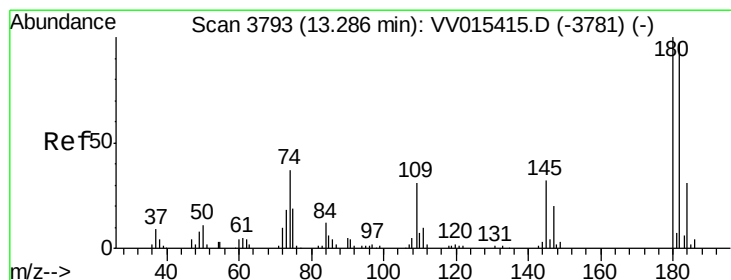
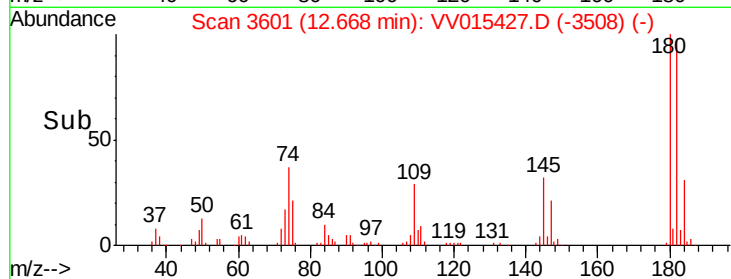
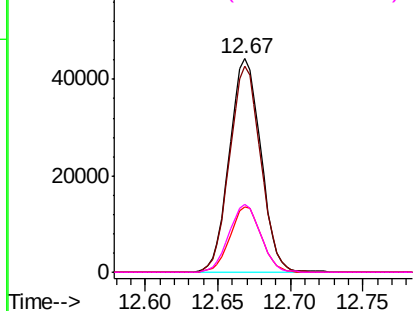
#67
 1,3,5-Trichlorobenzene
 Concen: 4.908 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 66890
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 184 30.3 24.0 36.0
 145 31.9 26.1 39.1

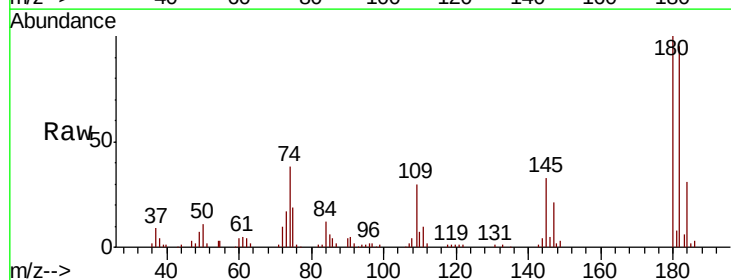


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

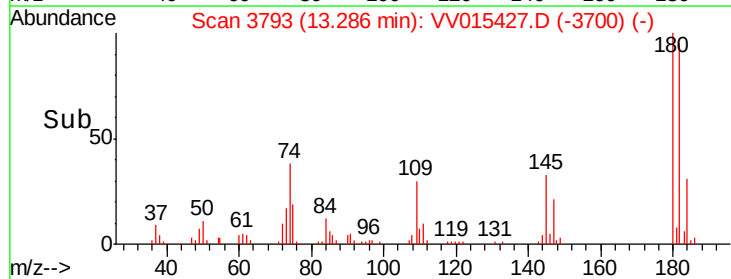
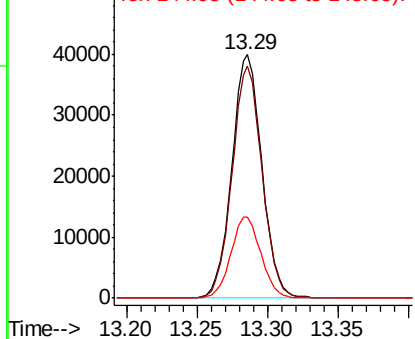


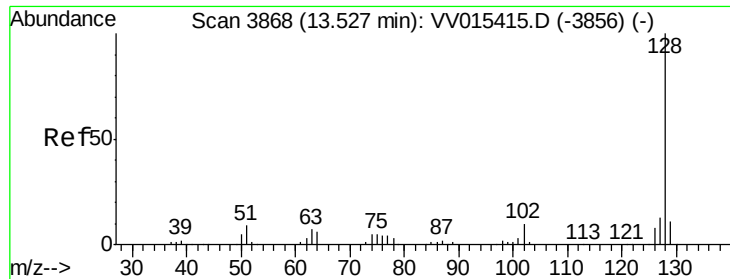
#68
 1,2,4-trichlorobenzene
 Concen: 4.851 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015427.D
 Acq: 09 Apr 2020 18:16

Tgt Ion:180 Resp: 59552
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.6 115.0
 145 33.2 25.9 38.9



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: 4.868 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

Instrument :

MSVOA_V

ClientSampleId :

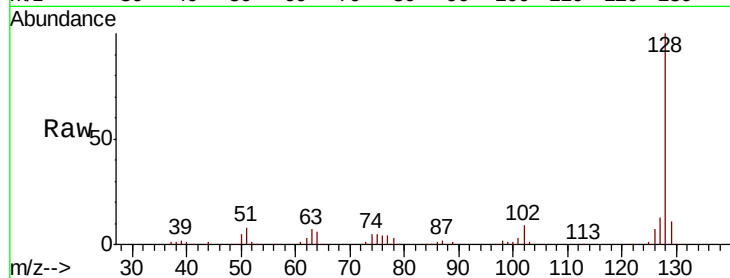
Tot Ion:128 Resp: 112593

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

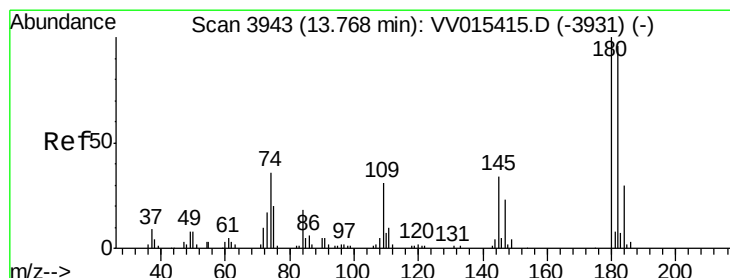
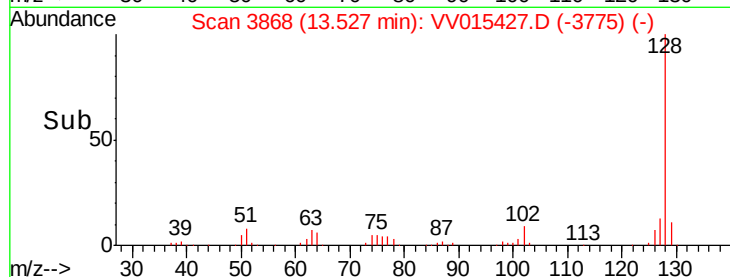
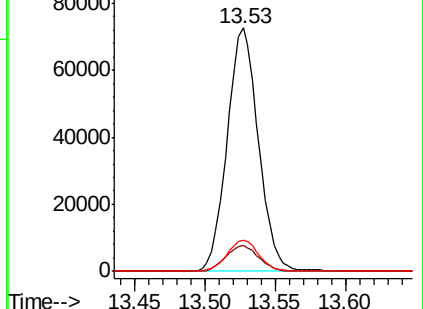
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 4.940 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV015427.D

Acq: 09 Apr 2020 18:16

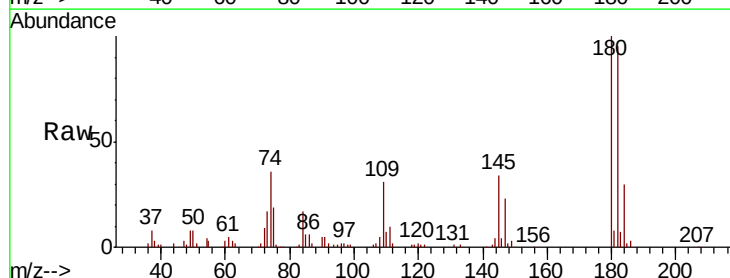
Tgt Ion:180 Resp: 53565

Ion Ratio Lower Upper

180 100

182 94.4 76.4 114.6

145 34.9 28.2 42.2



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

