

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043020\
 Data File : VV015849.D
 Acq On : 30 Apr 2020 21:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 01 01:49:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 01 01:42:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	128376	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125768	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63810	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	37406	5.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.60%
7) Chloroethane-d5	1.58	69	33061	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.12	63	78829	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.40%
20) 2-Butanone-d5	3.94	46	104080	48.32	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	4.38	84	78170	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	42460	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	145788	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.10	67	43894	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.34	98	137763	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.64	79	16552	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.11	63	75844	41.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32562	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	48557	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	58268	5.299	ug/L 99
3) Chloromethane	1.25	50	55314	5.815	ug/L 99
5) Vinyl chloride	1.32	62	55838	5.496	ug/L 99
6) Bromomethane	1.53	94	29020	6.653	ug/L 95
8) Chloroethane	1.60	64	36174	5.421	ug/L 98
9) Trichlorofluoromethane	1.77	101	83315	5.843	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45202	5.604	ug/L 97
12) 1,1-Dichloroethene	2.13	96	41705	5.582	ug/L 96
13) Acetone	2.23	43	85274	57.008	ug/L 98
14) Carbon disulfide	2.31	76	113789	5.387	ug/L 99
15) Methyl Acetate	2.46	43	20842	5.859	ug/L 97
16) Methylene chloride	2.52	84	50356	5.459	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	118856	5.667	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	46995	5.617	ug/L 98
19) 1,1-Dichloroethane	3.22	63	97951	5.963	ug/L 99
21) 2-Butanone	4.02	43	135437	58.701	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	50938	5.507	ug/L 97

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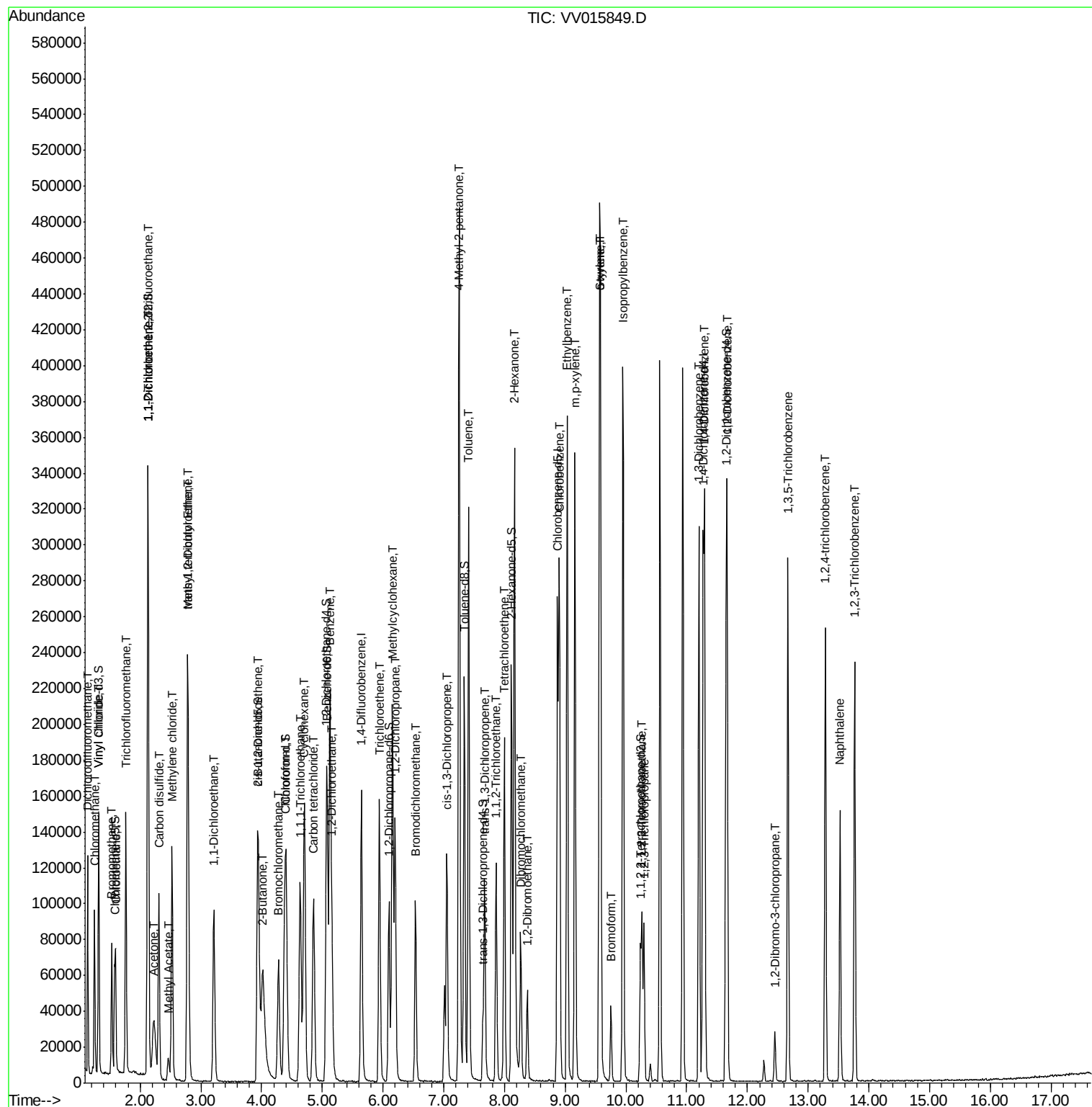
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21790	5.767	ug/L	97
25) Chloroform	4.41	83	102046	5.851	ug/L	97
27) 1,2-Dichloroethane	5.16	62	65526	5.719	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	88116	5.525	ug/L	99
30) Cyclohexane	4.70	56	79922	5.245	ug/L	99
31) Carbon tetrachloride	4.86	117	74266	5.623	ug/L	100
33) Benzene	5.13	78	202856	5.645	ug/L	100
34) Trichloroethene	5.94	95	53228	5.364	ug/L	99
35) Methylcyclohexane	6.15	83	79791	5.239	ug/L	99
37) 1,2-Dichloropropane	6.20	63	52087	5.703	ug/L	100
38) Bromodichloromethane	6.53	83	65534	5.651	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	68893	5.411	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	336532	56.773	ug/L	99
42) Toluene	7.41	91	218556	5.693	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	58756	5.492	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	35085	5.636	ug/L	99
47) Tetrachloroethene	8.00	164	38875	5.441	ug/L	98
48) 2-Hexanone	8.16	43	241144	57.046	ug/L	99
49) Dibromochloromethane	8.27	129	37781	5.864	ug/L	97
50) 1,2-Dibromoethane	8.38	107	31861	5.534	ug/L	96
51) Chlorobenzene	8.90	112	140549	5.588	ug/L	97
52) Ethylbenzene	9.03	91	247202	5.564	ug/L	100
53) m,p-xylene	9.16	106	89766	5.516	ug/L	99
54) o-xylene	9.57	106	87987	5.587	ug/L	96
55) Styrene	9.58	104	152658	5.713	ug/L	99
56) Isopropylbenzene	9.95	105	244810	5.541	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	41385	5.693	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	32986	5.657	ug/L	99
61) Bromoform	9.75	173	17223	6.539	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	110949	5.494	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	111343	5.467	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	103725	5.679	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6726	5.652	ug/L #	88
67) 1,3,5-Trichlorobenzene	12.67	180	77626	5.201	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	69453	5.056	ug/L	100
69) Naphthalene	13.53	128	111406	4.532	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	61362	5.062	ug/L	98

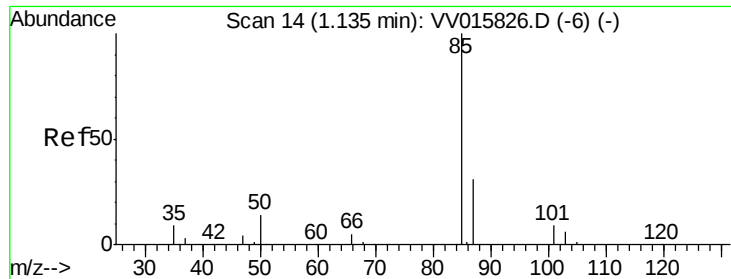
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.299 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

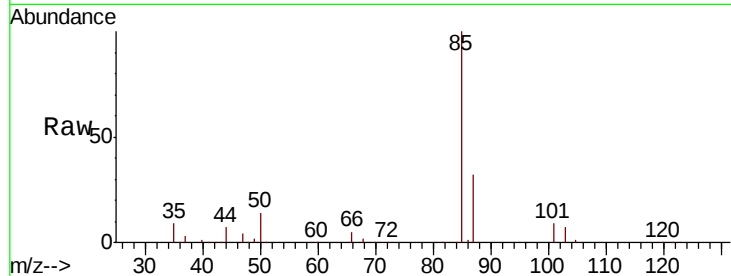
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 58268

Ion Ratio Lower Upper

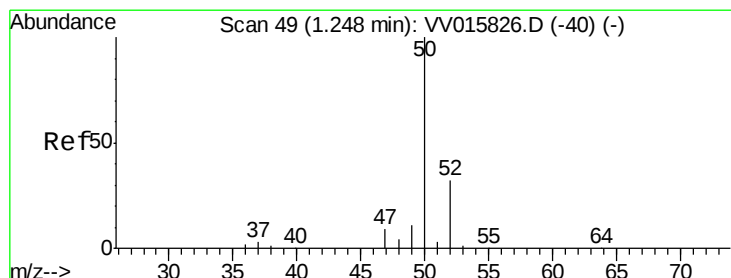
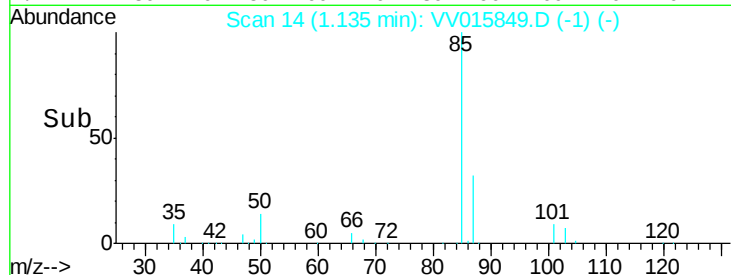
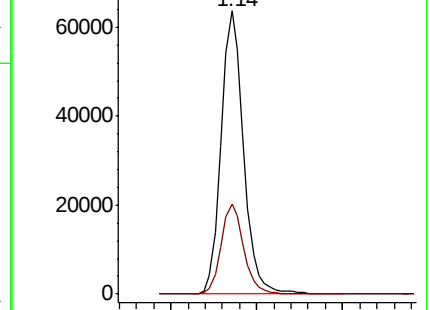
85 100

87 32.3 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VV015826.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015826.D (-6) (-)



#3

Chloromethane

Concen: 5.815 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV015849.D

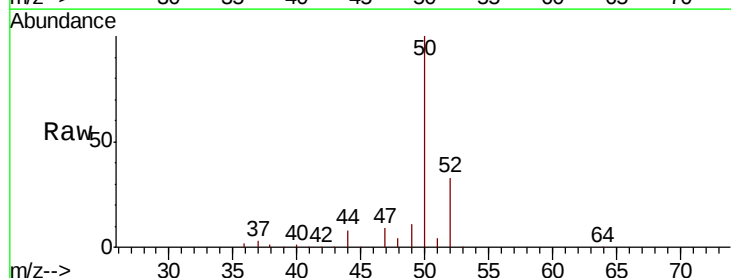
Acq: 30 Apr 2020 21:15

Tgt Ion: 50 Resp: 55314

Ion Ratio Lower Upper

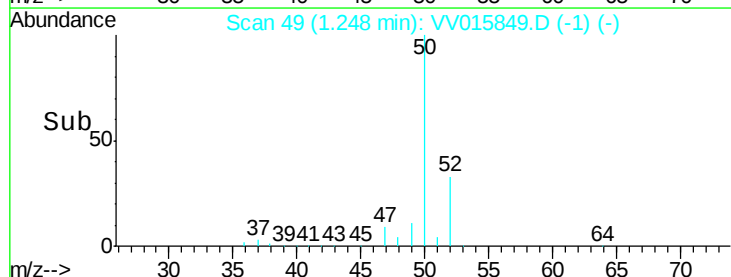
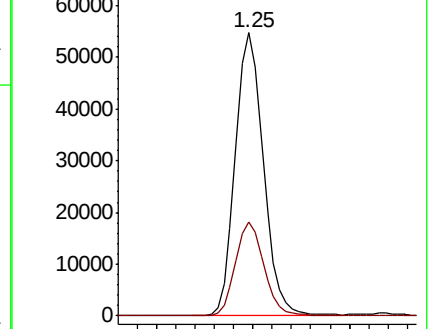
50 100

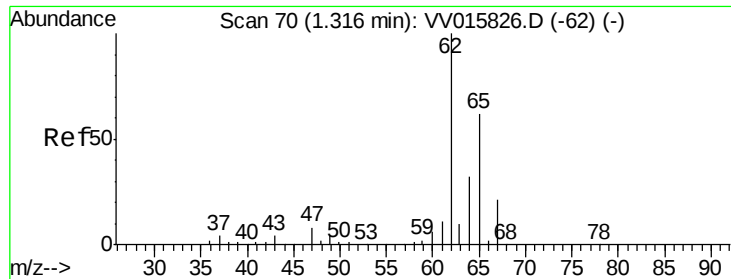
52 33.3 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV015826.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV015826.D (-40) (-)





#5

Vinyl chloride

Concen: 5.496 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

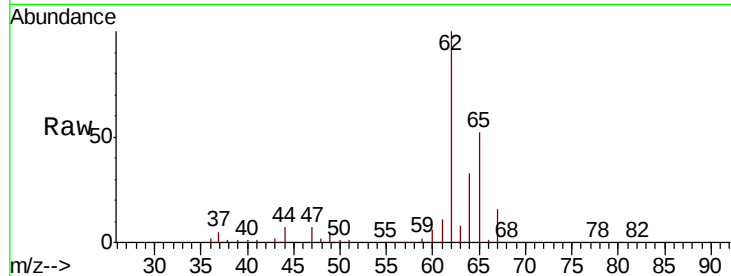
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 55838

Ion Ratio Lower Upper

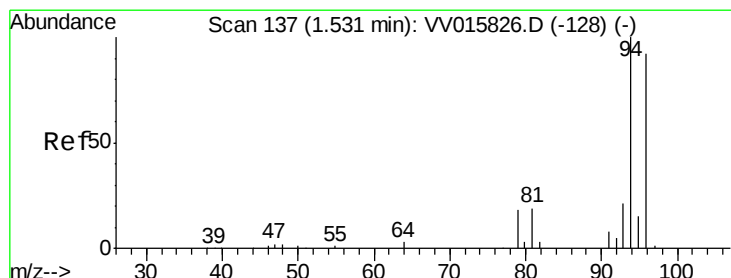
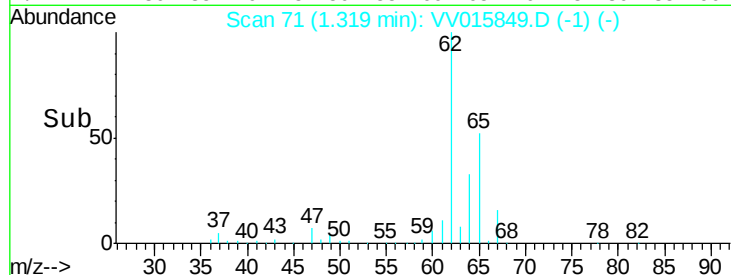
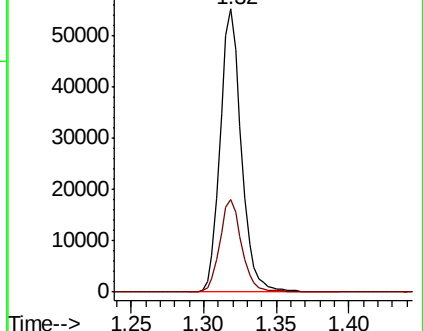
62 100

64 32.9 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 6.653 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV015849.D

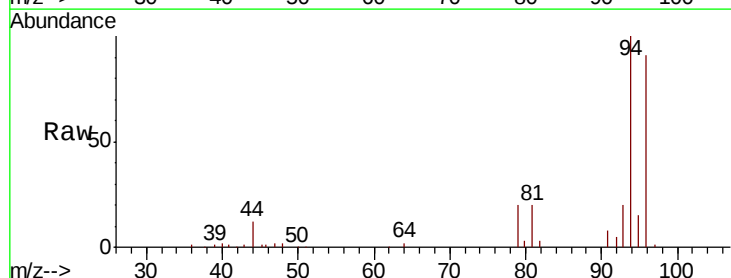
Acq: 30 Apr 2020 21:15

Tgt Ion: 94 Resp: 29020

Ion Ratio Lower Upper

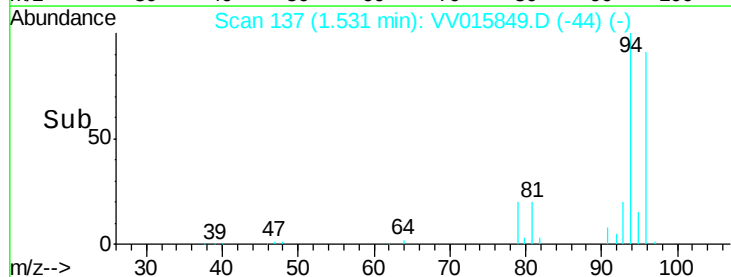
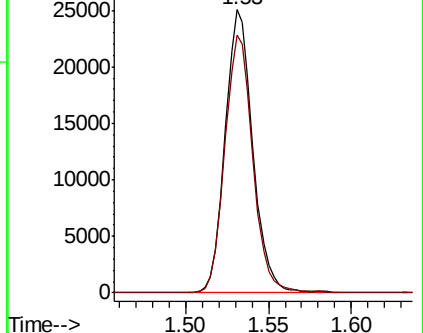
94 100

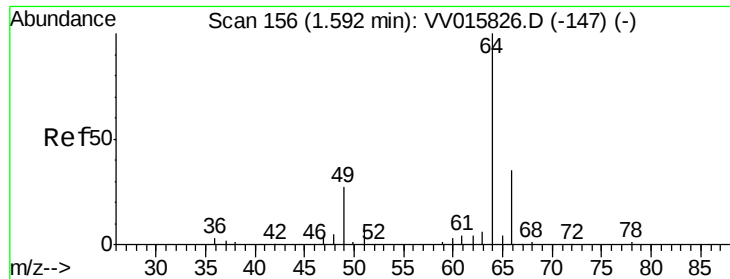
96 91.0 67.3 125.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 5.421 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

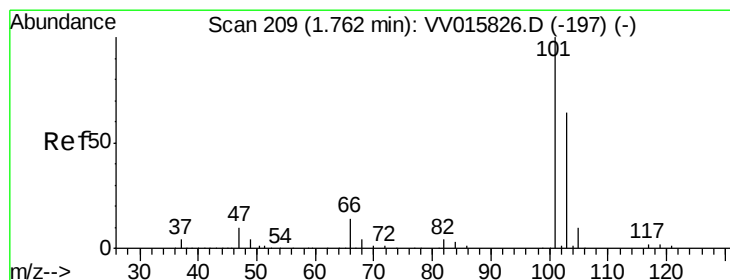
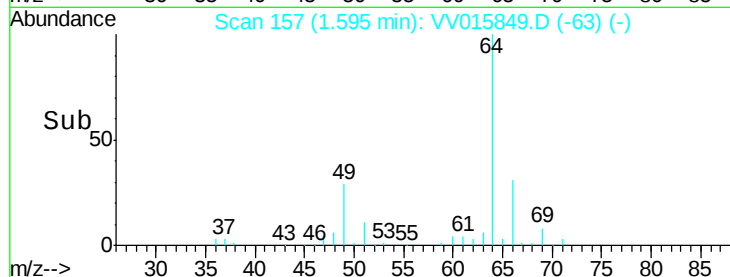
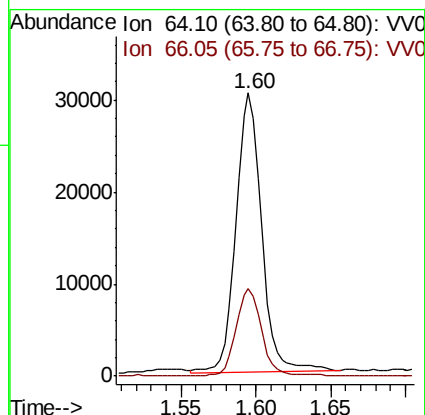
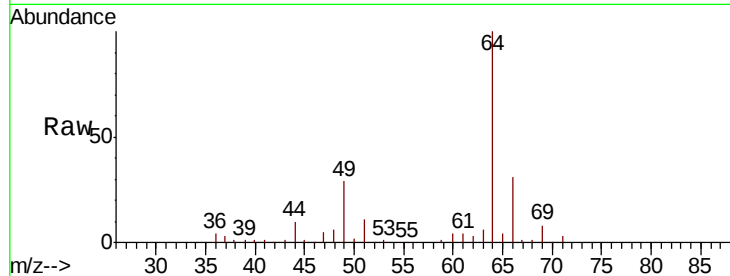
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 36174

Ion Ratio Lower Upper

64 100

66 31.0 22.3 41.5



#9

Trichlorofluoromethane

Concen: 5.843 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV015849.D

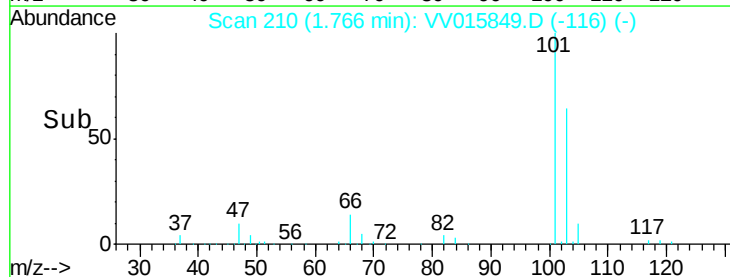
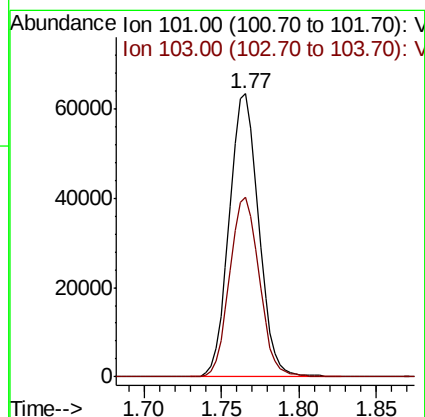
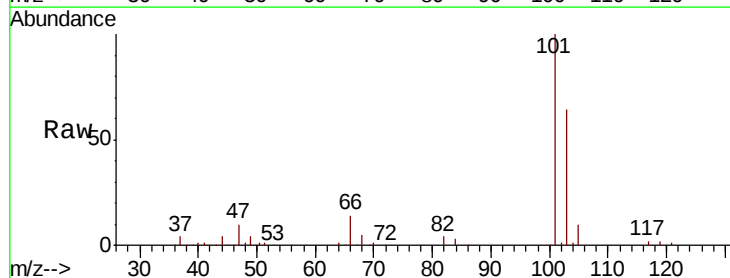
Acq: 30 Apr 2020 21:15

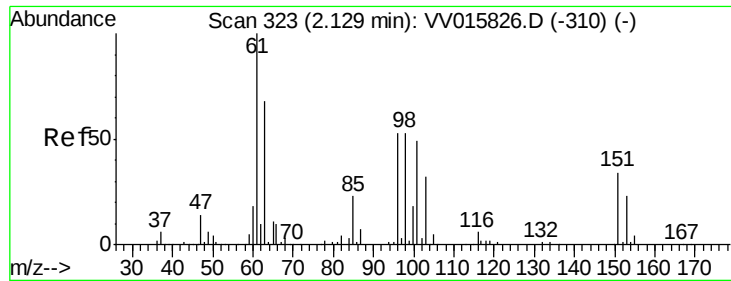
Tgt Ion:101 Resp: 83315

Ion Ratio Lower Upper

101 100

103 64.2 52.3 78.5





#10

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

Concen: 5.604 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

Instrument :

MSVOA_V

ClientSampleId :

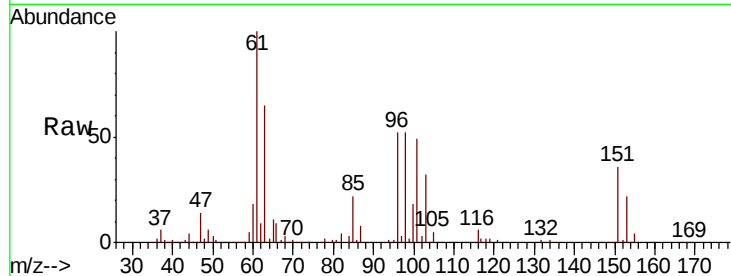
Tot Ion:101 Resp: 45202

Ion Ratio Lower Upper

101 100

85 46.0 36.1 54.1

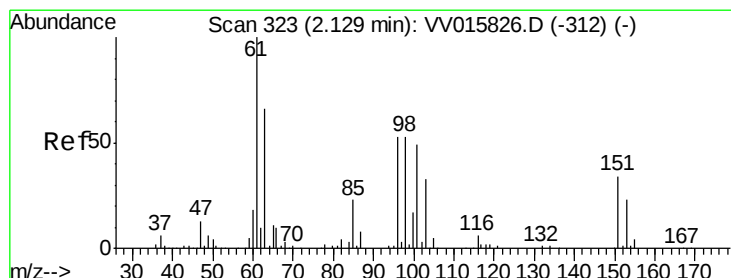
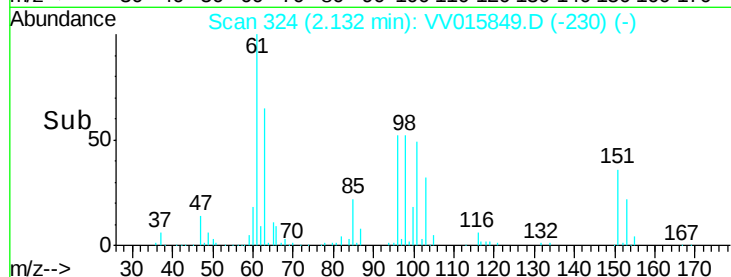
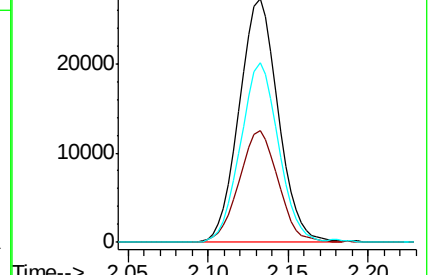
151 72.0 55.2 82.8



Abundance Ion 101.00 (100.70 to 101.70): VV015826.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV015826.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV015826.D (-310) (-)



#12

1,1-Dichloroethene

Concen: 5.582 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

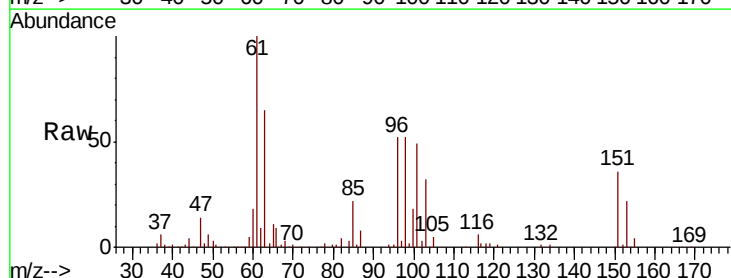
Tgt Ion: 96 Resp: 41705

Ion Ratio Lower Upper

96 100

61 192.2 130.1 241.7

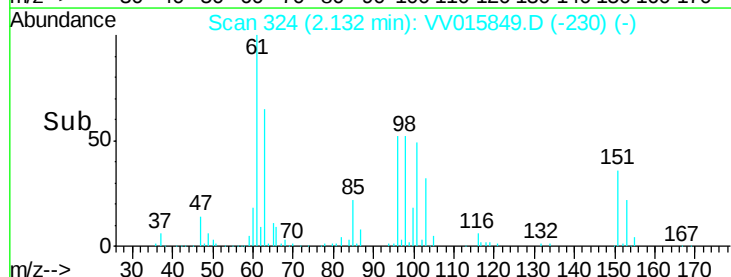
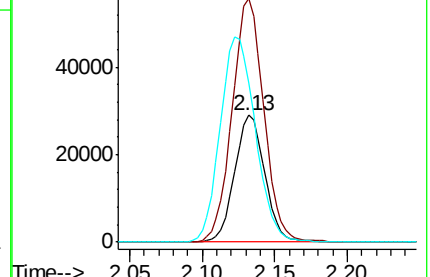
63 125.9 91.4 169.8

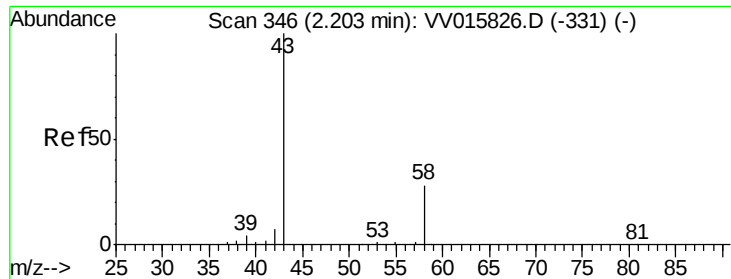


Abundance Ion 96.00 (95.70 to 96.70): VV015826.D (-312) (-)

Ion 61.05 (60.75 to 61.75): VV015826.D (-312) (-)

Ion 63.00 (62.70 to 63.70): VV015826.D (-312) (-)

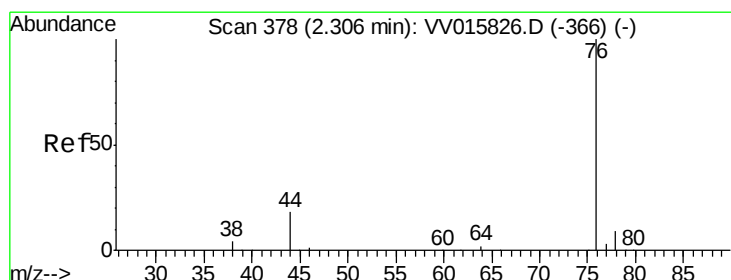
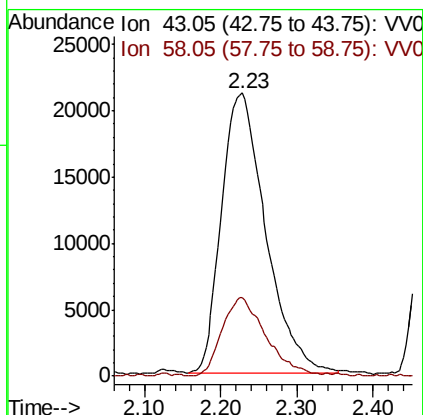
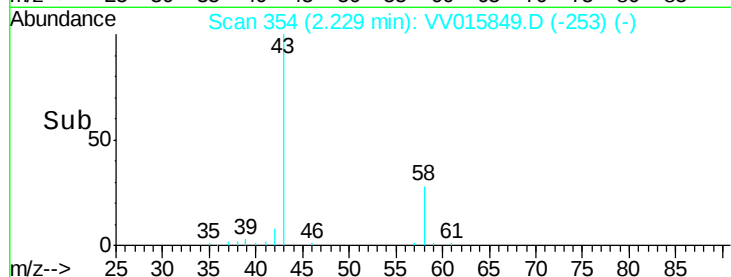
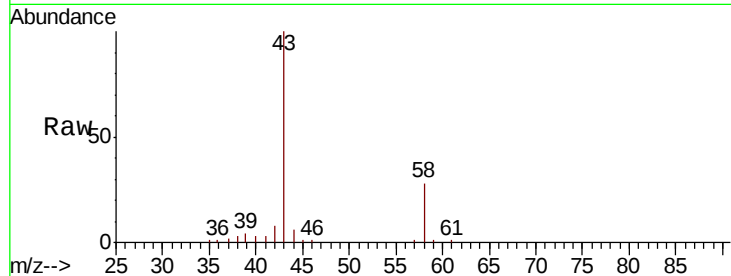




#13
Acetone
Concen: 57.008 ug/L
RT: 2.23 min Scan# 354
Delta R.T. 0.03 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

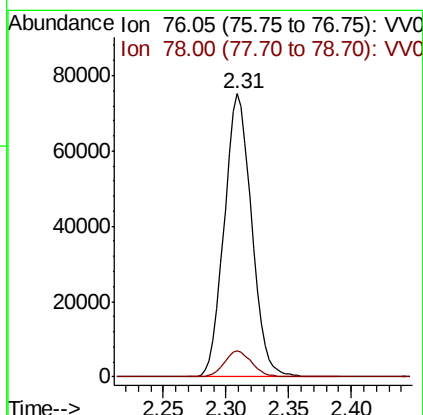
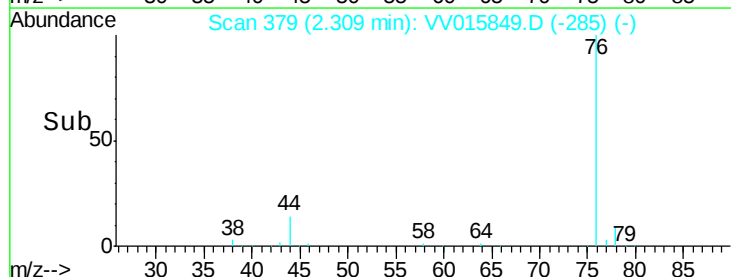
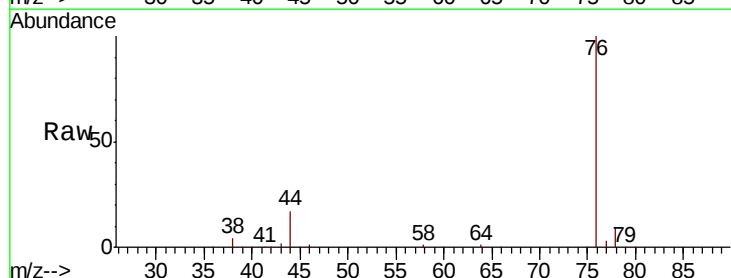
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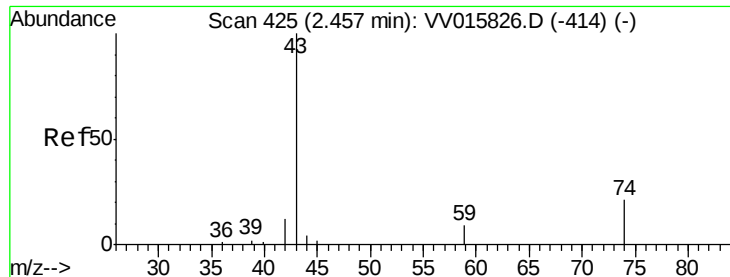
Tot Ion: 43 Resp: 85274
Ion Ratio Lower Upper
43 100
58 27.9 0.0 57.6



#14
Carbon disulfide
Concen: 5.387 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Tgt Ion: 76 Resp: 113789
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0





#15

Methyl Acetate

Concen: 5.859 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

Instrument :

MSVOA_V

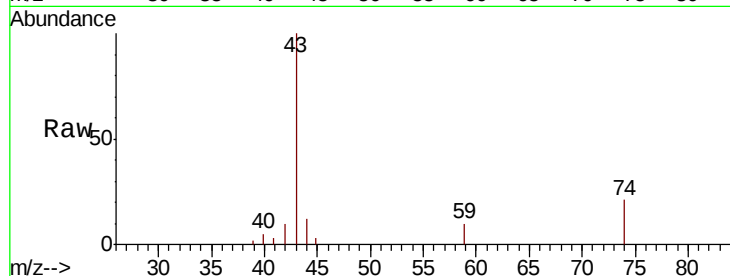
ClientSampleId :

Tot Ion: 43 Resp: 20842

Ion Ratio Lower Upper

43 100

74 21.7 16.3 24.5



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.46

8000

6000

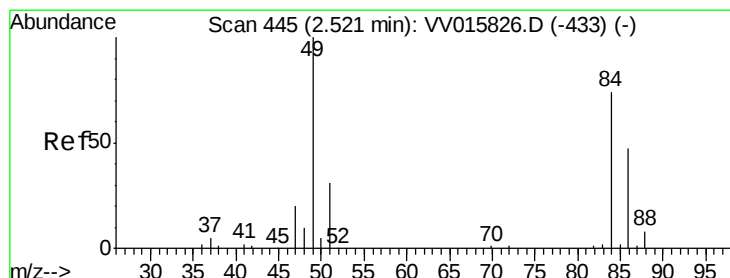
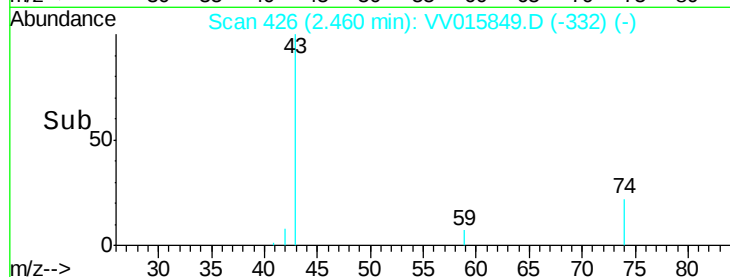
4000

2000

0

Time-->

2.40 2.50



#16

Methylene chloride

Concen: 5.459 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

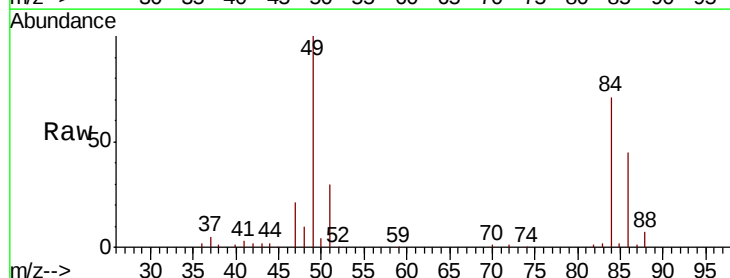
Tgt Ion: 84 Resp: 50356

Ion Ratio Lower Upper

84 100

86 63.0 45.1 83.7

49 139.9 94.4 175.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

50000

40000

30000

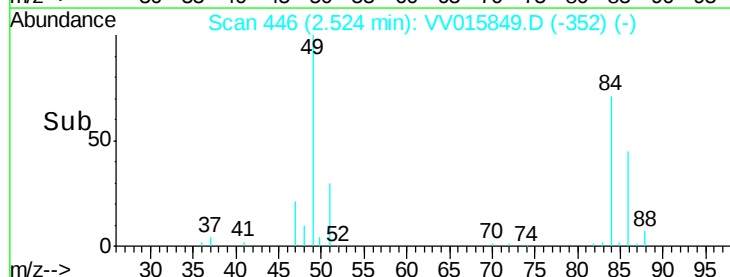
20000

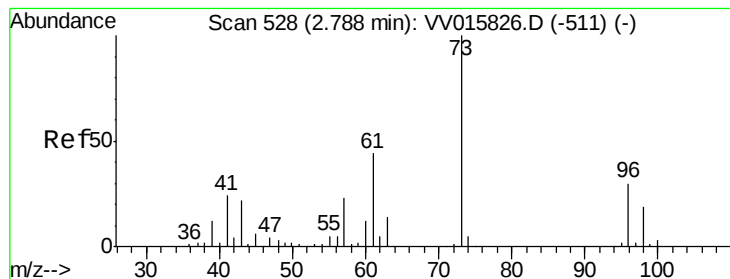
10000

0

Time-->

2.45 2.50 2.55 2.60



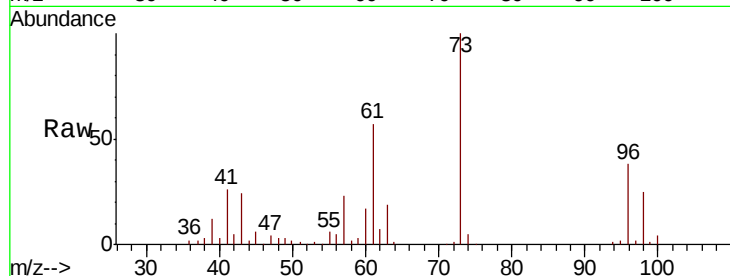


#17

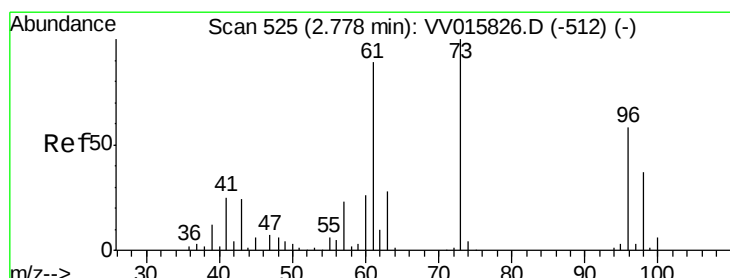
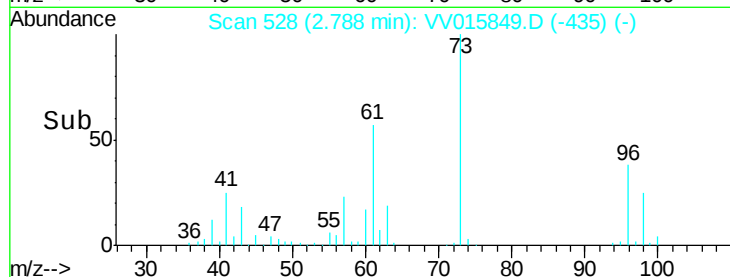
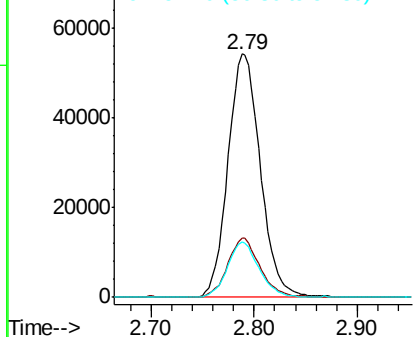
Methvl tert-butvl Ether
 Concen: 5.667 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 73 Resp: 118856
 Ion Ratio Lower Upper
 73 100
 43 23.5 20.1 30.1
 57 22.3 17.8 26.8



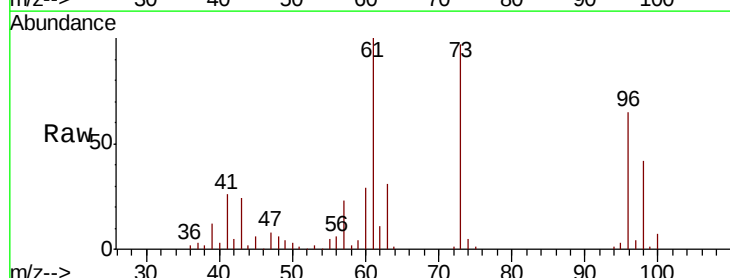
Abundance Ion 73.10 (72.80 to 73.80): VV0
 Ion 43.05 (42.75 to 43.75): VV0
 Ion 57.10 (56.80 to 57.80): VV0



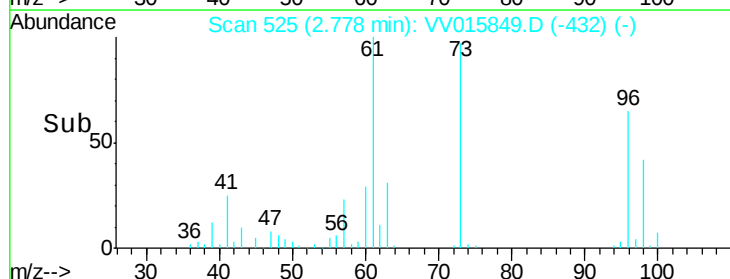
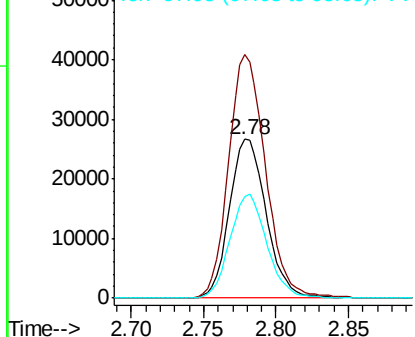
#18

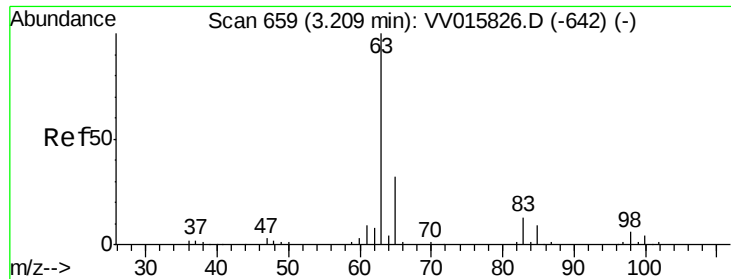
trans-1,2-Dichloroethene
 Concen: 5.617 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion: 96 Resp: 46995
 Ion Ratio Lower Upper
 96 100
 61 153.4 105.5 195.9
 98 64.0 44.2 82.0



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

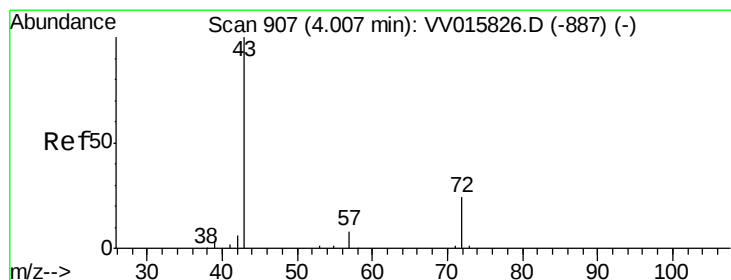
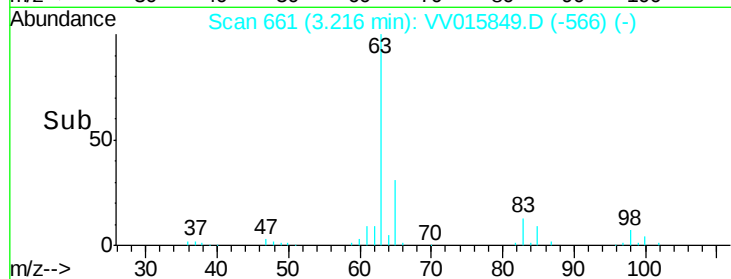
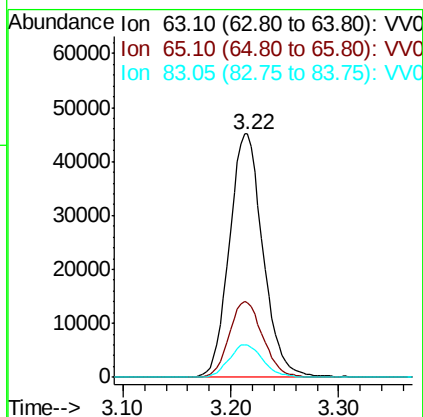
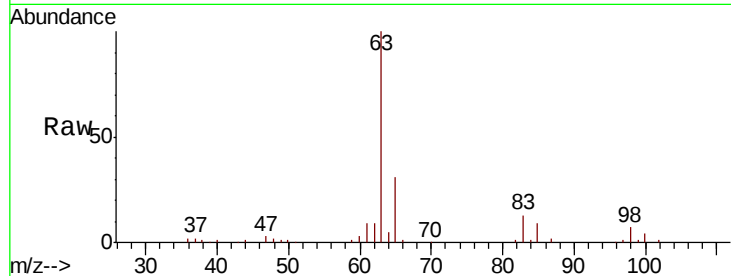




#19
 1,1-Dichloroethane
 Concen: 5.963 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

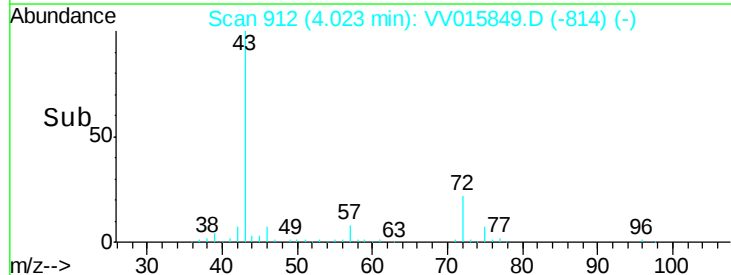
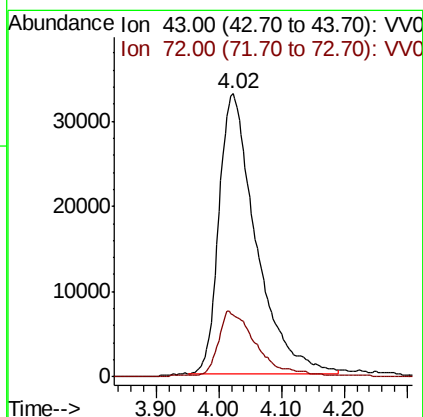
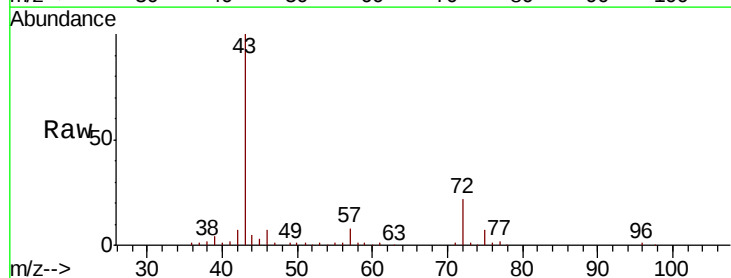
Instrument :
 MSVOA_V
 ClientSampled :

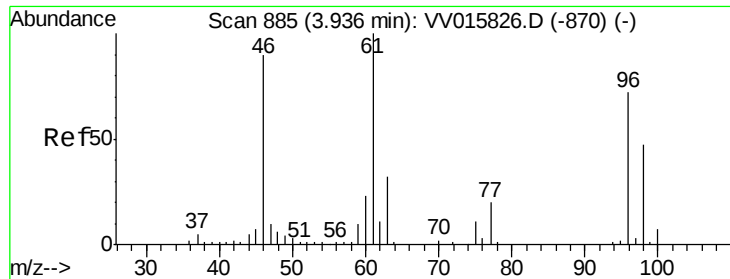
Tot Ion: 63 Resp: 97951
 Ion Ratio Lower Upper
 63 100
 65 30.7 22.3 41.3
 83 13.4 9.3 17.3



#21
 2-Butanone
 Concen: 58.701 ug/L
 RT: 4.02 min Scan# 912
 Delta R.T. 0.02 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion: 43 Resp: 135437
 Ion Ratio Lower Upper
 43 100
 72 22.9 12.3 36.9



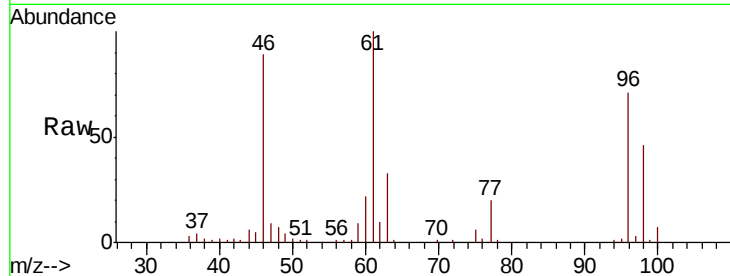


#22

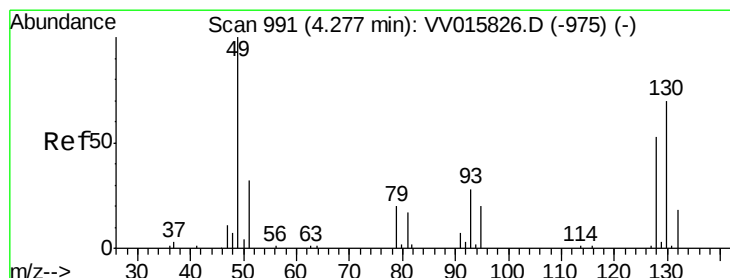
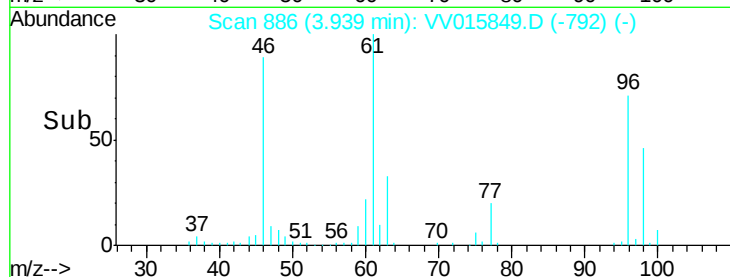
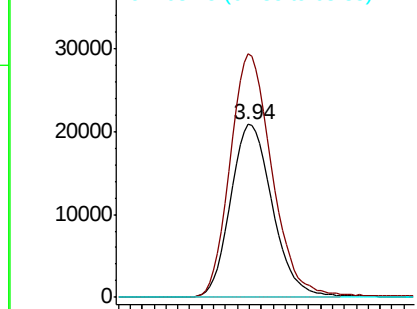
cis-1,2-Dichloroethene
Concen: 5.507 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 50938
Ion Ratio Lower Upper
96 100
61 140.9 96.4 179.0
68 0.0 0.0 0.0



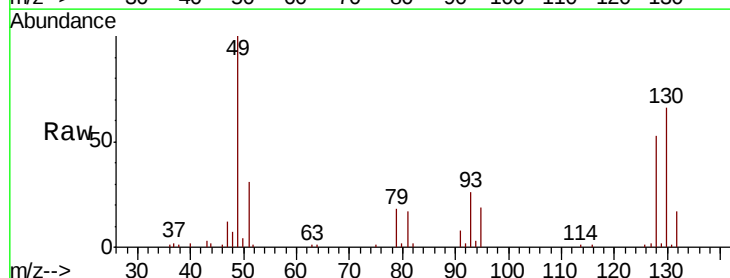
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



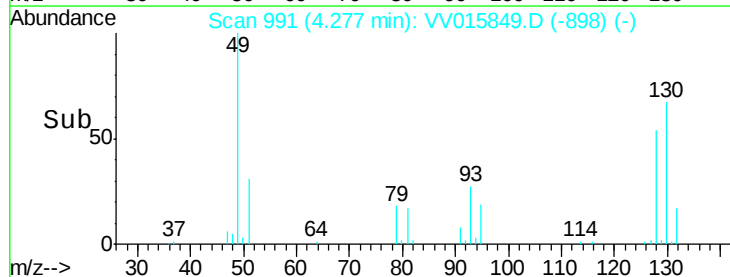
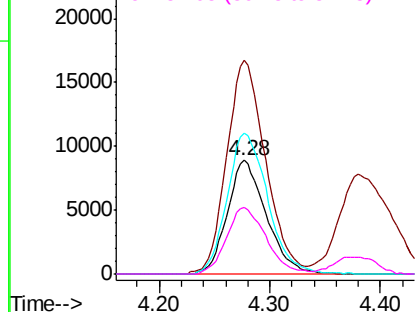
#23

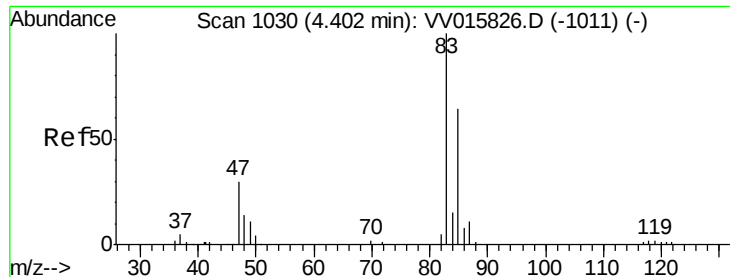
Bromochloromethane
Concen: 5.767 ug/L
RT: 4.28 min Scan# 991
Delta R.T. -0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Tgt Ion: 128 Resp: 21790
Ion Ratio Lower Upper
128 100
49 188.1 130.8 242.8
130 123.7 91.1 169.3
51 58.5 45.2 67.8



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

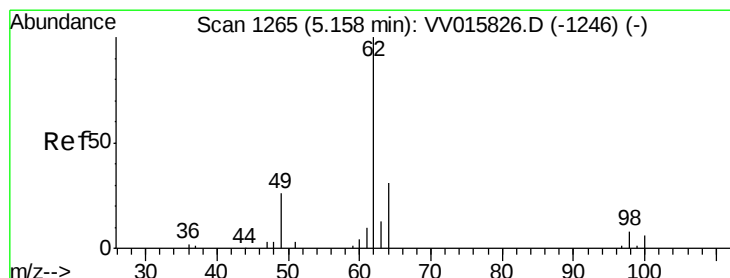
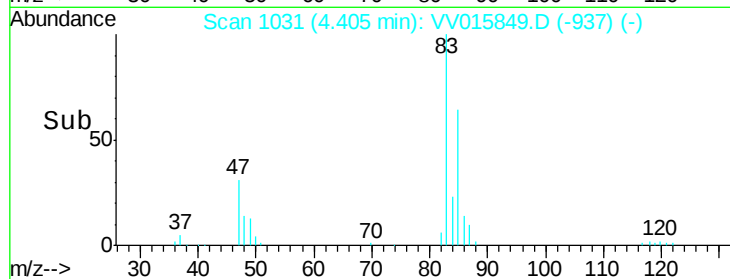
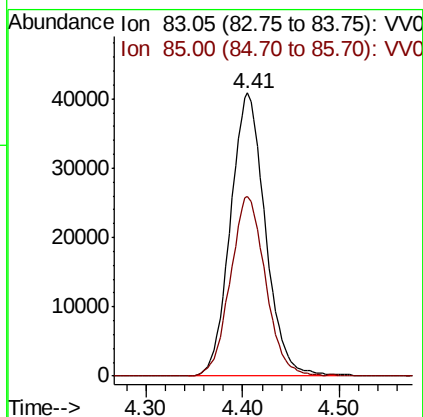
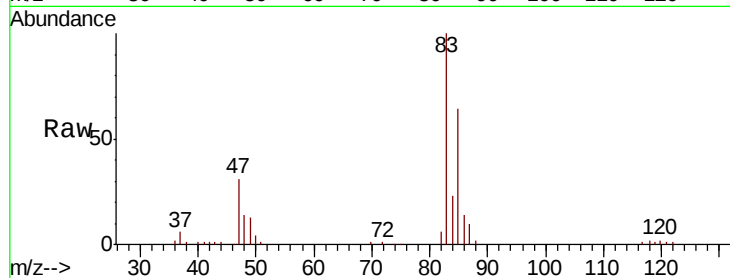




#25
Chloroform
Concen: 5.851 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

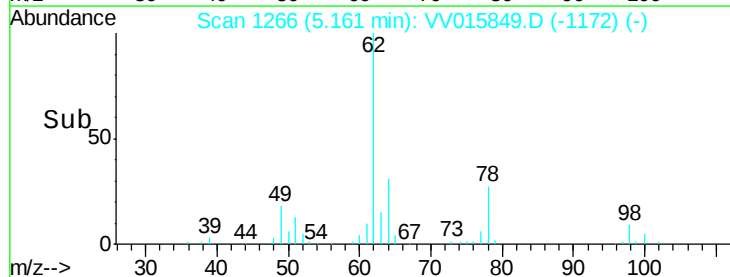
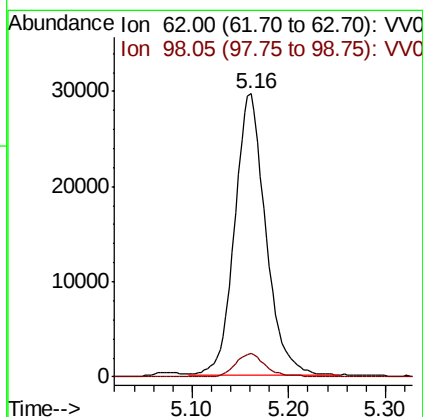
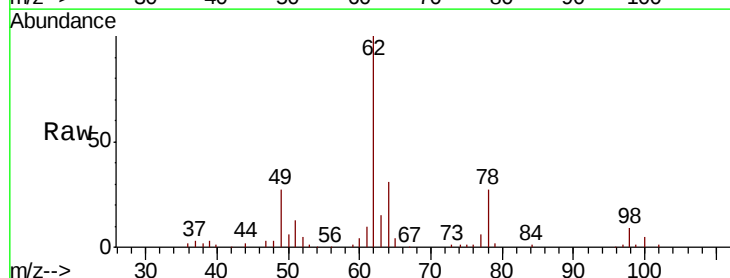
Instrument :
MSVOA_V
ClientSampled :

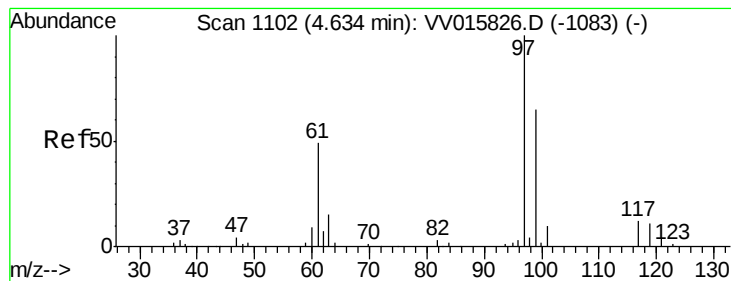
Tot Ion: 83 Resp: 102046
Ion Ratio Lower Upper
83 100
85 63.7 46.1 85.5



#27
1,2-Dichloroethane
Concen: 5.719 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Tgt Ion: 62 Resp: 65526
Ion Ratio Lower Upper
62 100
98 8.5 6.3 9.5





#29

1,1,1-Trichloroethane

Concen: 5.525 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

Instrument :

MSVOA_V

ClientSampleId :

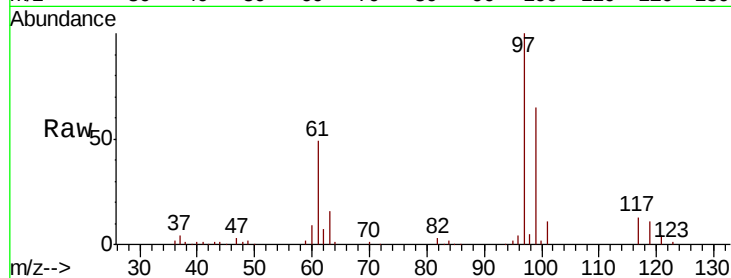
Tot Ion: 97 Resp: 88116

Ion Ratio Lower Upper

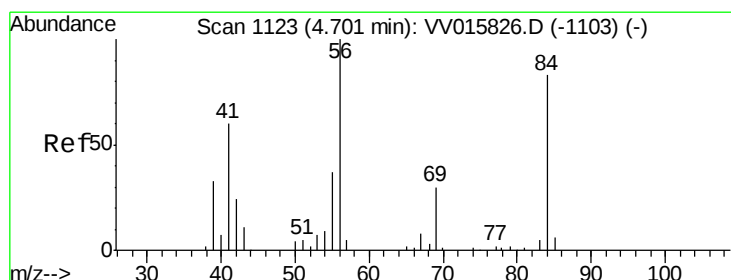
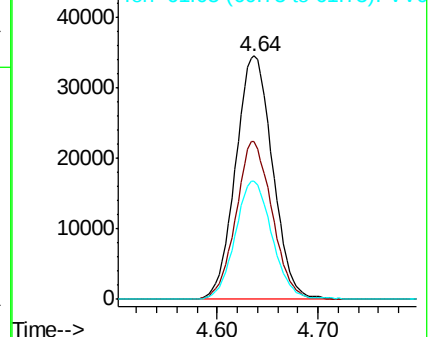
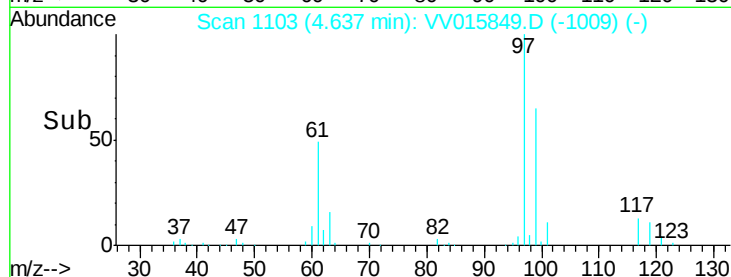
97 100

99 63.3 51.6 77.4

61 48.1 38.6 57.8



Abundance Ion 96.95 (96.65 to 97.65): VV015849.D (-1009) (-)



#30

Cyclohexane

Concen: 5.245 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

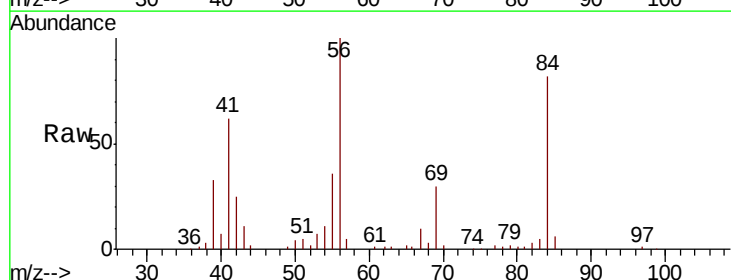
Tgt Ion: 56 Resp: 79922

Ion Ratio Lower Upper

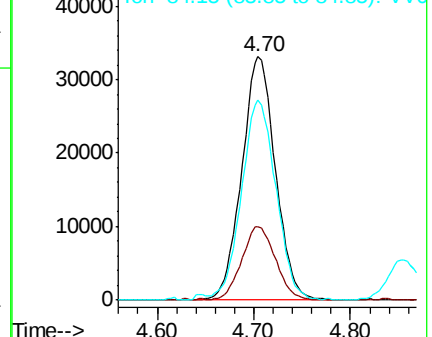
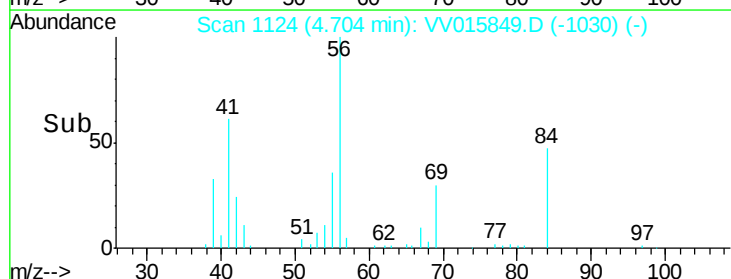
56 100

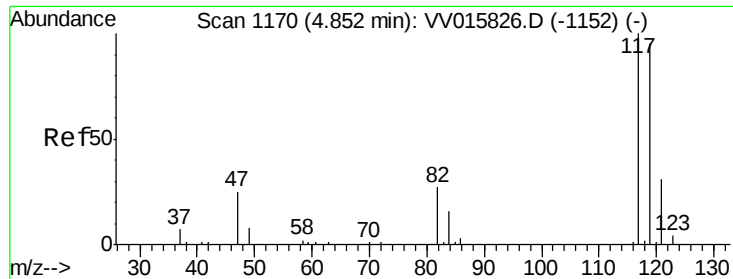
69 30.3 23.9 35.9

84 83.2 66.9 100.3



Abundance Ion 56.10 (55.80 to 56.80): VV015849.D (-1030) (-)

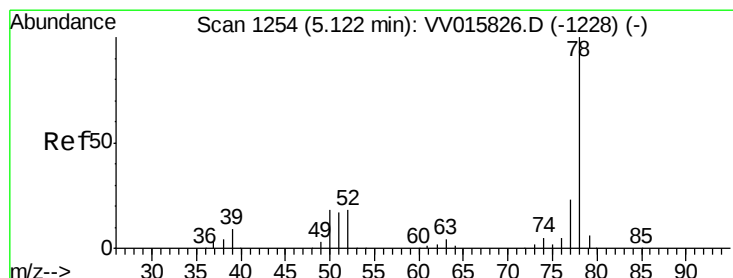
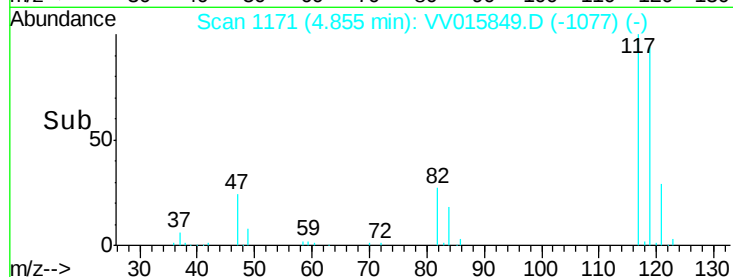
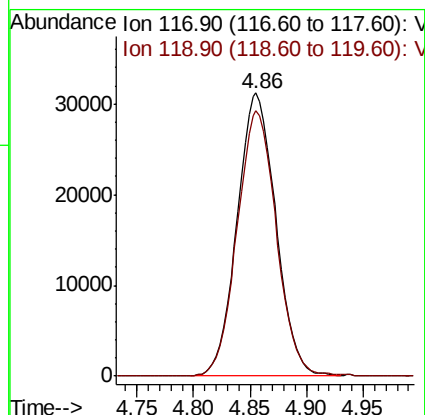
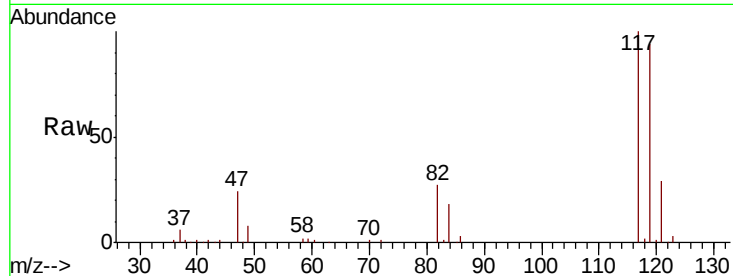




#31
Carbon tetrachloride
Concen: 5.623 ug/L
RT: 4.86 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

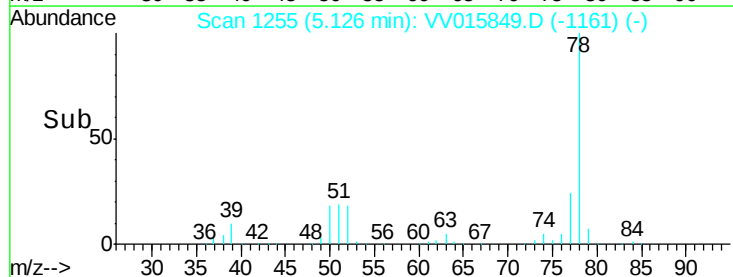
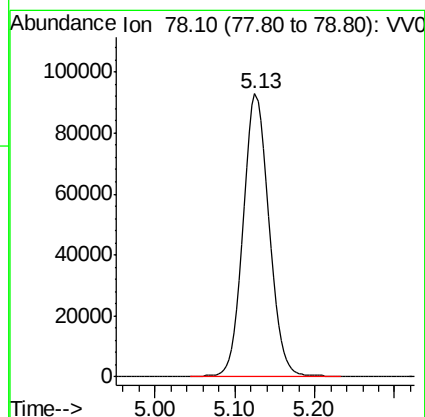
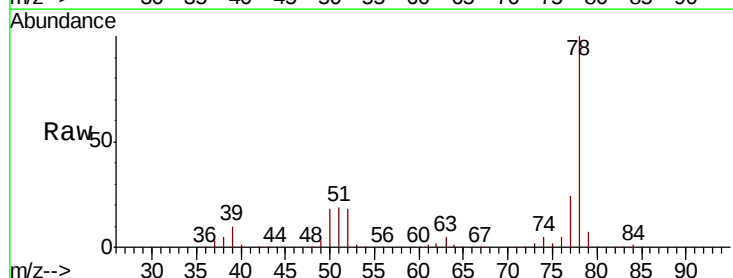
Instrument :
MSVOA_V
ClientSampleId :

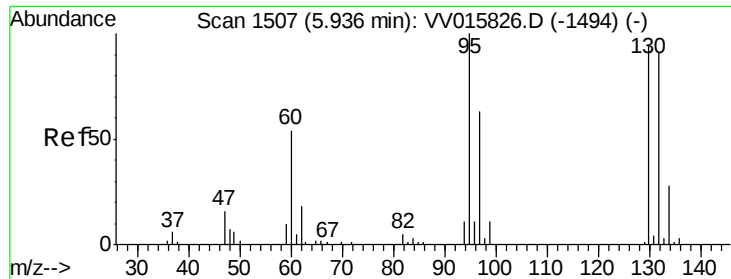
Tot Ion:117 Resp: 74266
Ion Ratio Lower Upper
117 100
119 95.0 75.6 113.4



#33
Benzene
Concen: 5.645 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Tgt Ion: 78 Resp: 202856

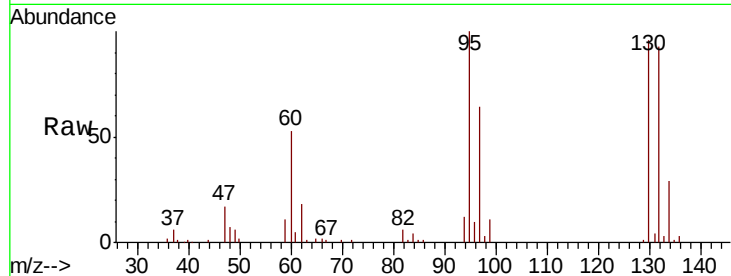




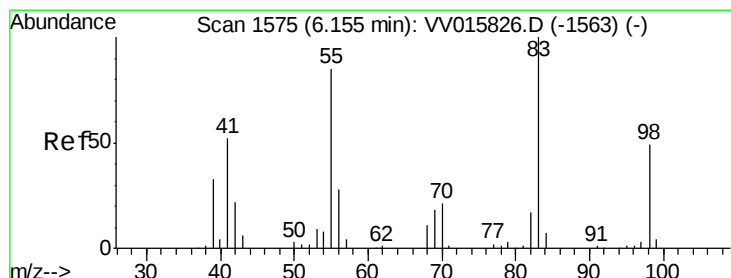
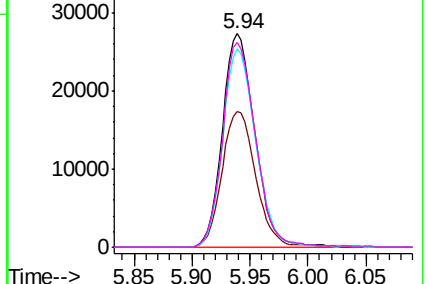
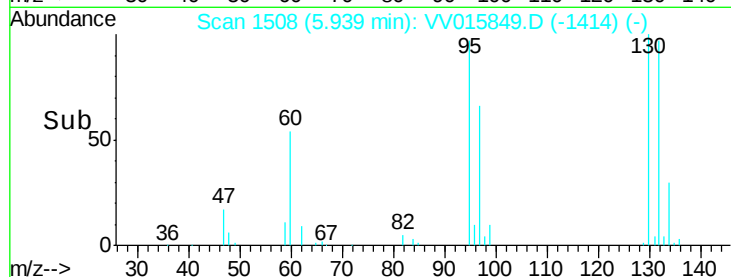
#34
 Trichloroethene
 Concen: 5.364 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 53228
 Ion Ratio Lower Upper
 95 100
 97 63.6 44.7 82.9
 132 92.8 65.2 121.0
 130 96.1 65.0 120.6

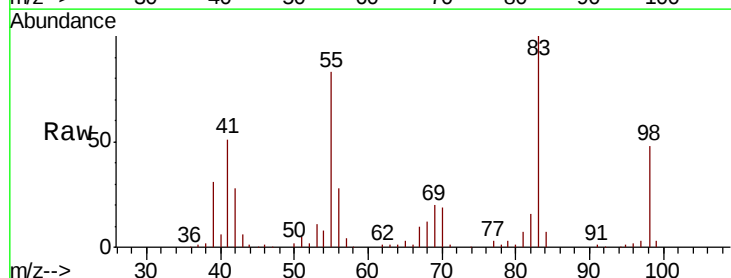


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

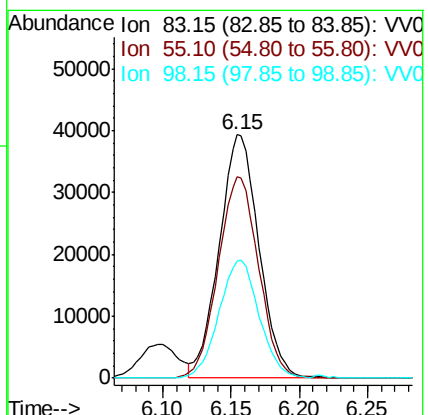
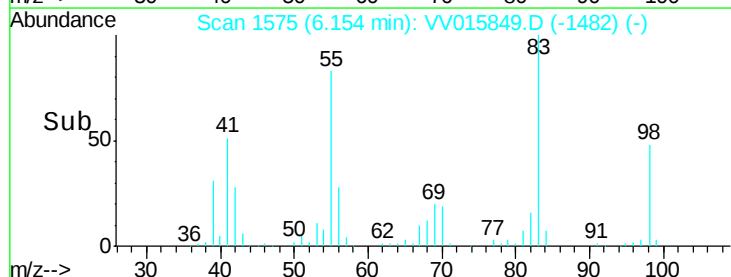


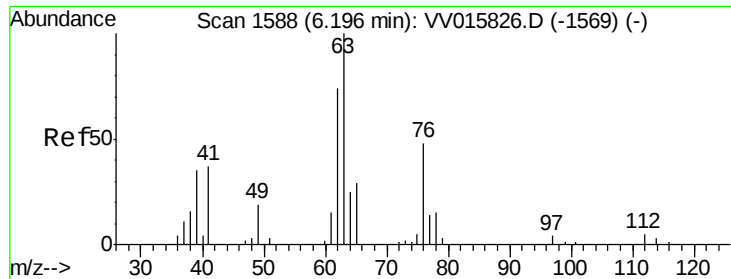
#35
 Methylcyclohexane
 Concen: 5.239 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion: 83 Resp: 79791
 Ion Ratio Lower Upper
 83 100
 55 84.2 66.6 99.8
 98 49.1 39.5 59.3



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

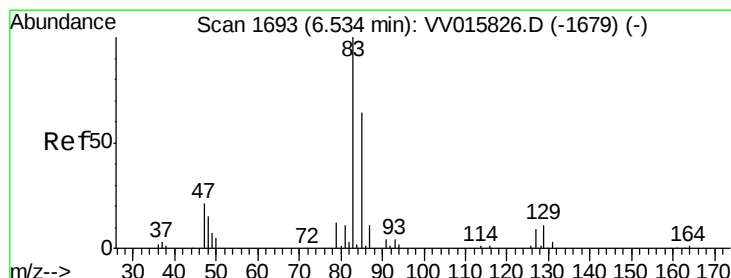
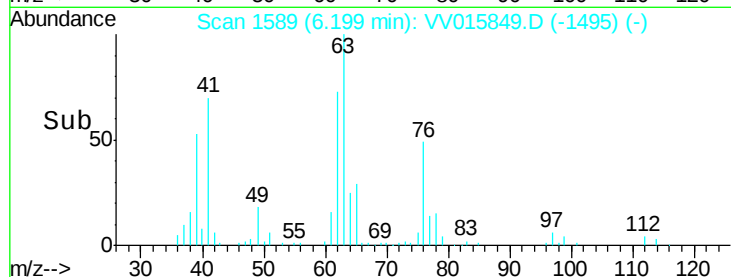
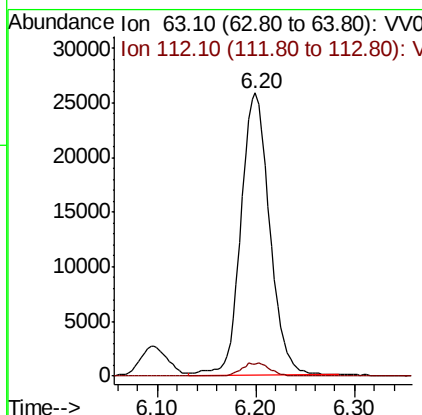
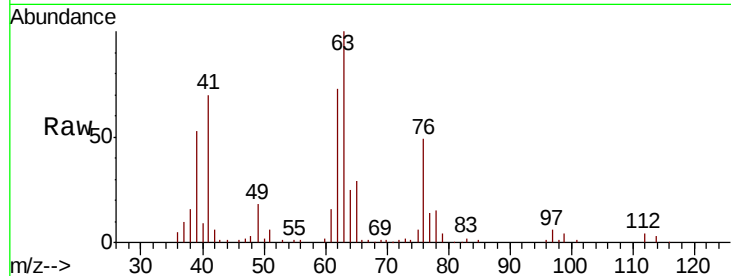




#37
 1,2-Dichloropropane
 Concen: 5.703 ug/L
 RT: 6.20 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

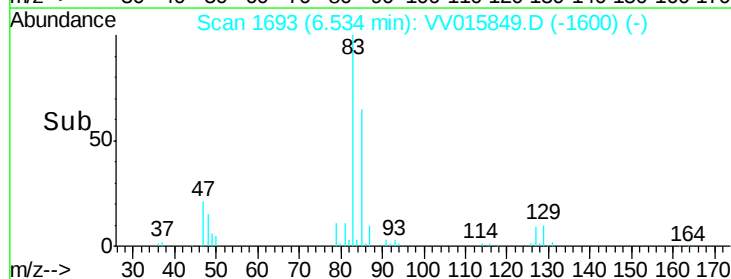
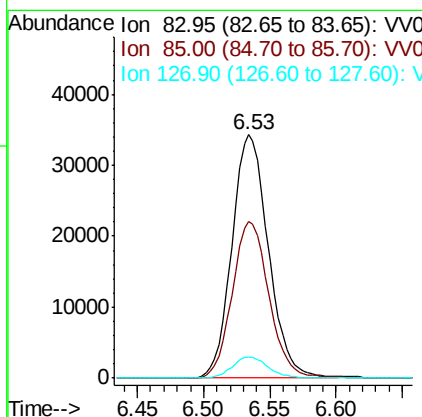
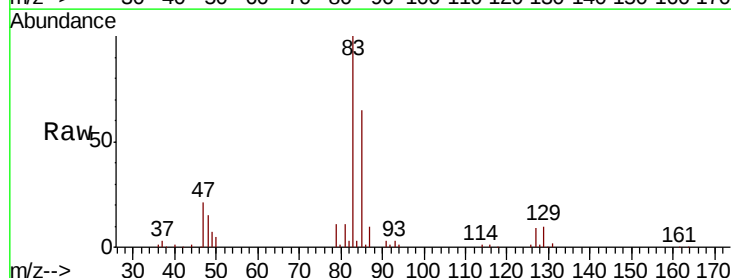
Instrument :
 MSVOA_V
 ClientSampleId :

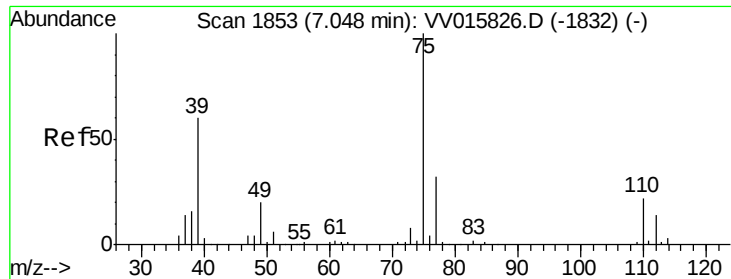
Tot Ion: 63 Resp: 52087
 Ion Ratio Lower Upper
 63 100
 112 4.5 3.6 5.4



#38
 Bromodichloromethane
 Concen: 5.651 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion: 83 Resp: 65534
 Ion Ratio Lower Upper
 83 100
 85 64.5 44.7 83.1
 127 8.6 5.8 8.6

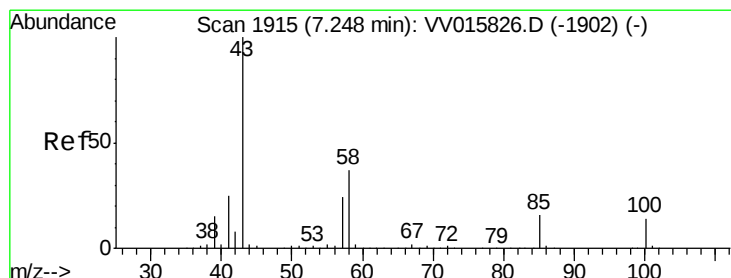
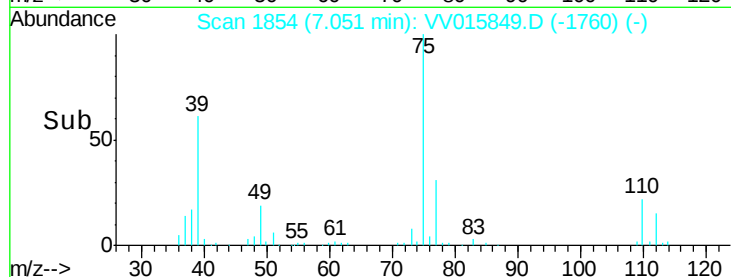
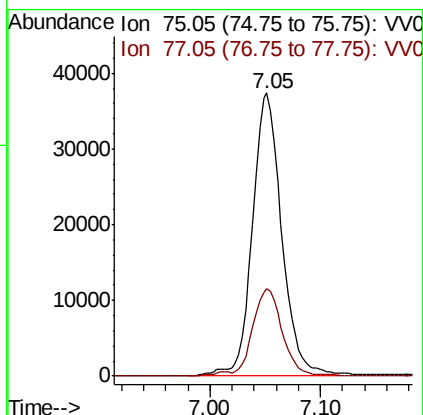
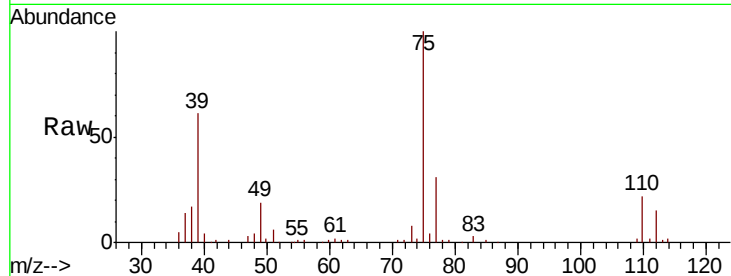




#39
 cis-1,3-Dichloropropene
 Concen: 5.411 ug/L
 RT: 7.05 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

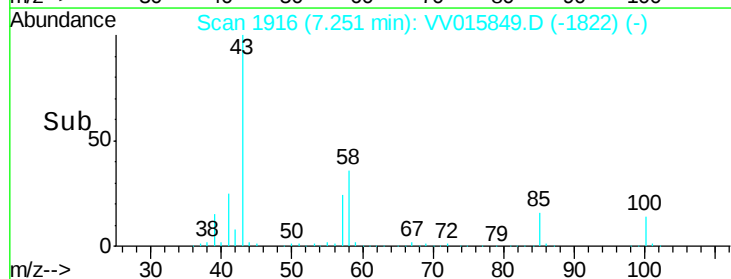
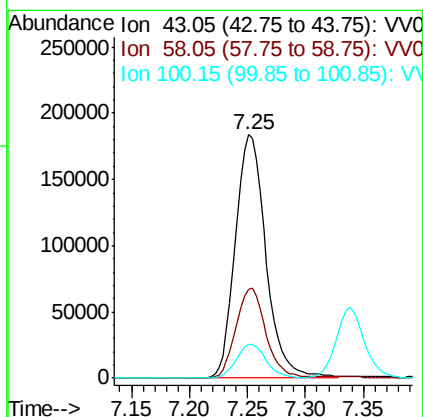
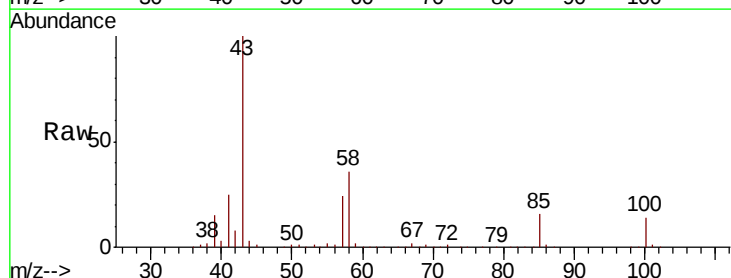
Instrument :
 MSVOA_V
 ClientSampleId :

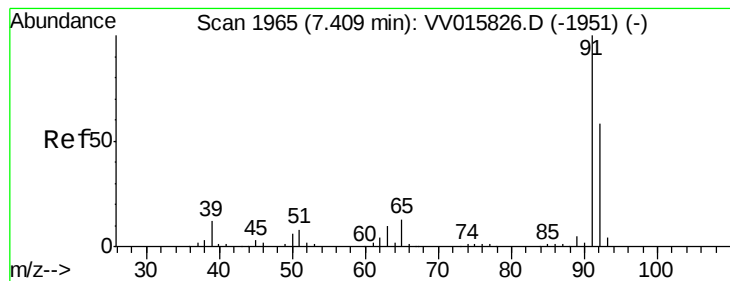
Tot Ion: 75 Resp: 68893
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 56.773 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion: 43 Resp: 336532
 Ion Ratio Lower Upper
 43 100
 58 36.3 29.2 43.8
 100 13.5 11.4 17.2





#42

Toluene

Concen: 5.693 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

Instrument :

MSVOA_V

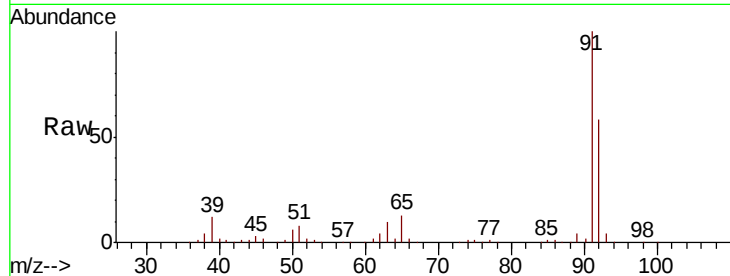
ClientSampled :

Tot Ion: 91 Resp: 218556

Ion Ratio Lower Upper

91 100

92 57.6 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

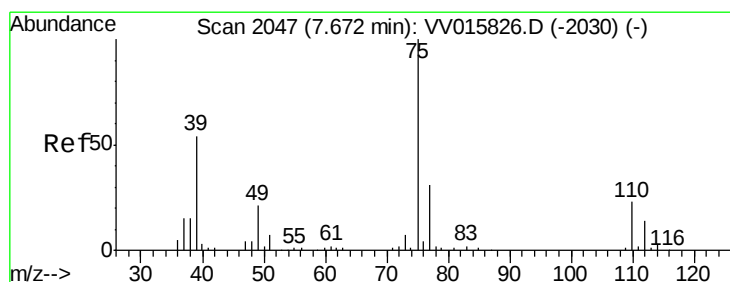
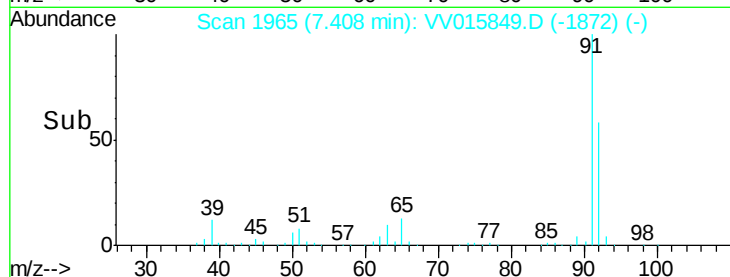
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.492 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.00 min

Lab File: VV015849.D

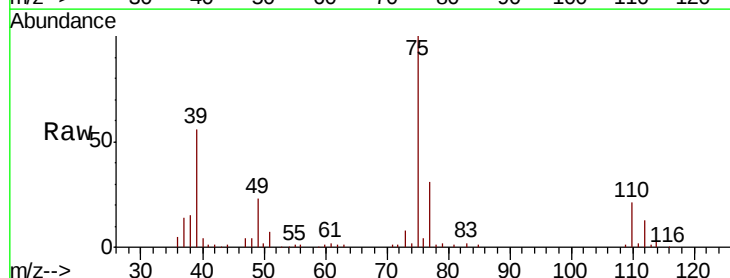
Acq: 30 Apr 2020 21:15

Tgt Ion: 75 Resp: 58756

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

40000

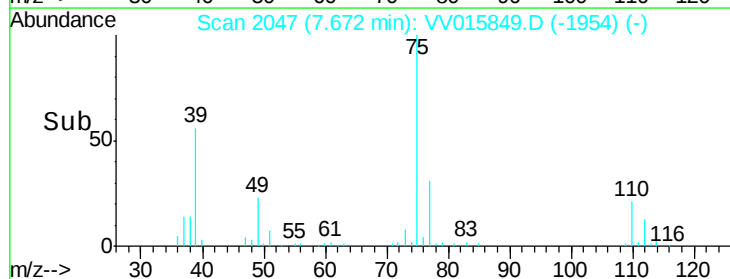
30000

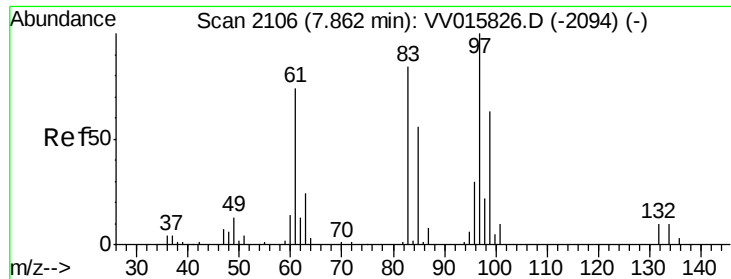
20000

10000

0

Time-->

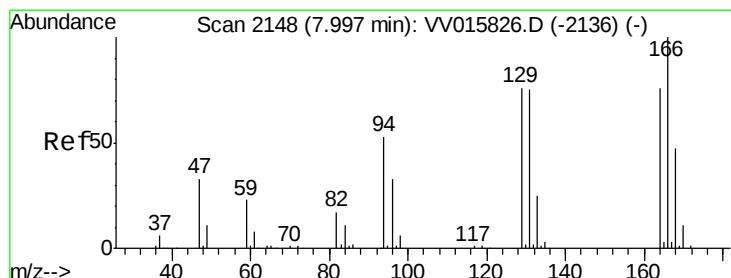
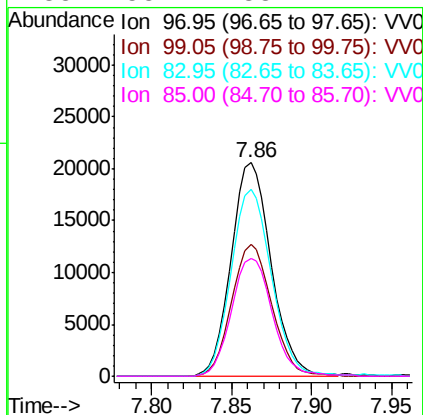
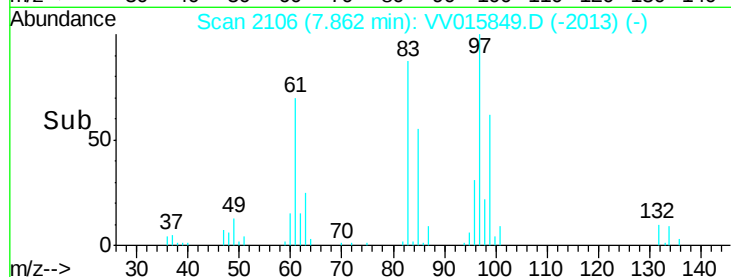
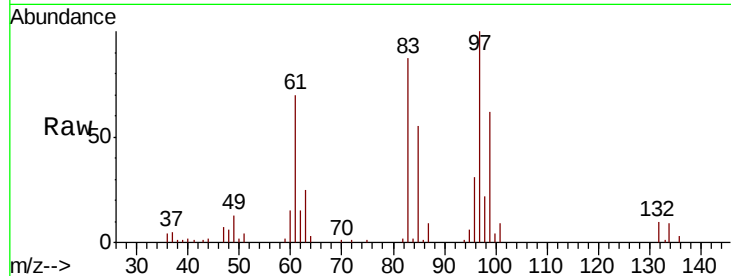




#45
 1,1,2-Trichloroethane
 Concen: 5.636 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

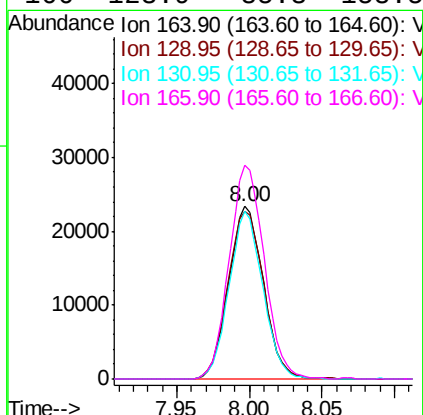
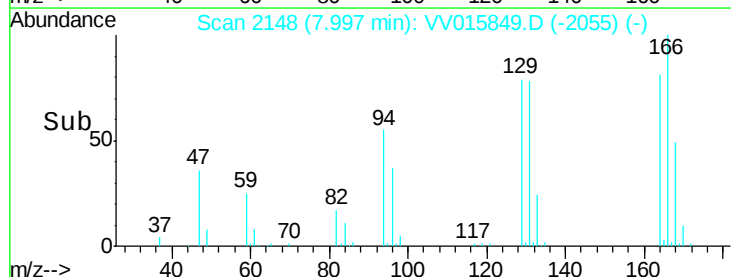
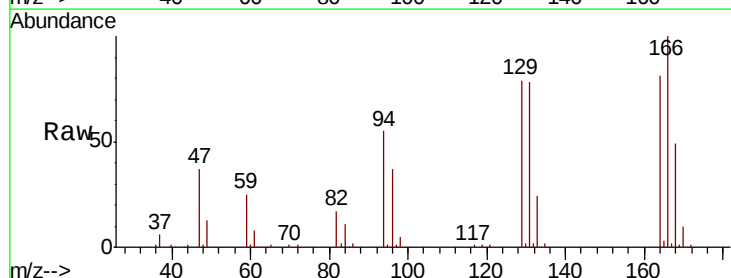
Instrument :
 MSVOA_V
 ClientSampleId :

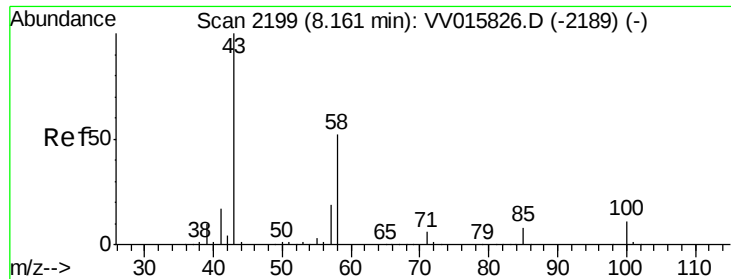
Tot Ion:	97	Resp:	35085
Ion	Ratio	Lower	Upper
97	100		
99	62.0	45.4	84.4
83	87.5	61.3	113.9
85	55.1	38.4	71.4



#47
 Tetrachloroethene
 Concen: 5.441 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion:	164	Resp:	38875
Ion	Ratio	Lower	Upper
164	100		
129	97.6	66.7	123.9
131	97.2	66.6	123.6
166	123.9	85.3	158.5

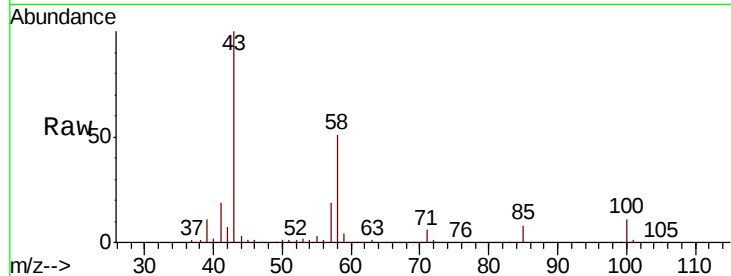




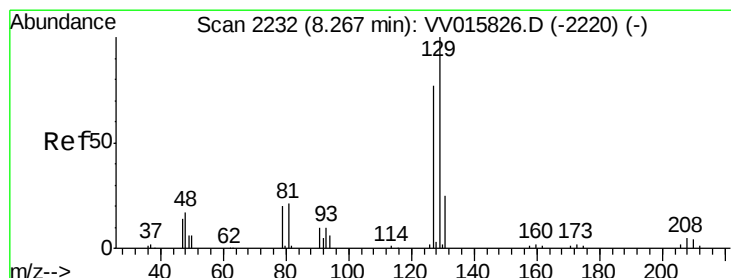
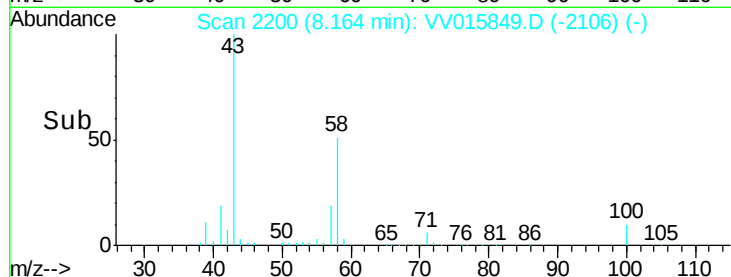
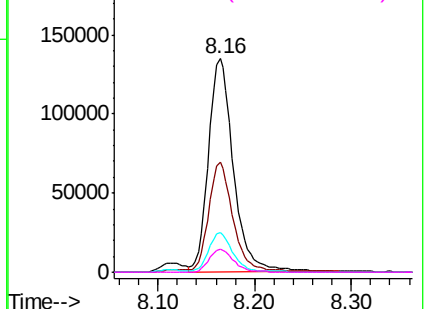
#48
2-Hexanone
Concen: 57.046 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 241144
Ion Ratio Lower Upper
43 100
58 50.6 41.1 61.7
57 18.5 15.0 22.4
100 10.9 9.0 13.4

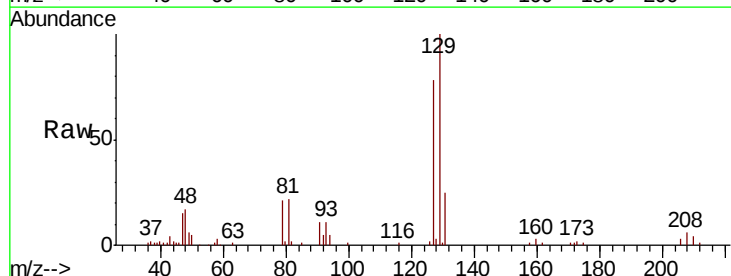


Abundance Ion 43.05 (42.75 to 43.75): VV015849.D (-2199) (-)
Ion 58.05 (57.75 to 58.75): VV015849.D (-2199) (-)
Ion 57.20 (56.90 to 57.90): VV015849.D (-2199) (-)
Ion 100.15 (99.85 to 100.85): VV015849.D (-2199) (-)

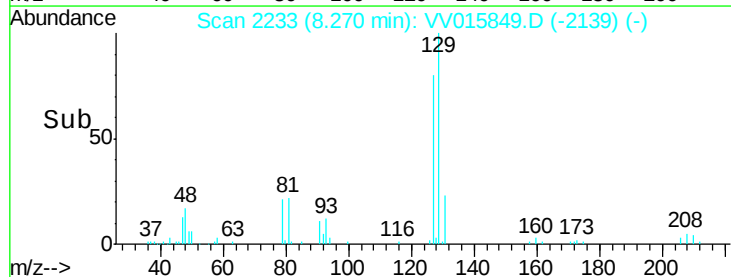
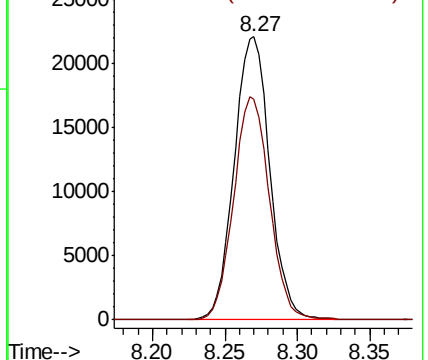


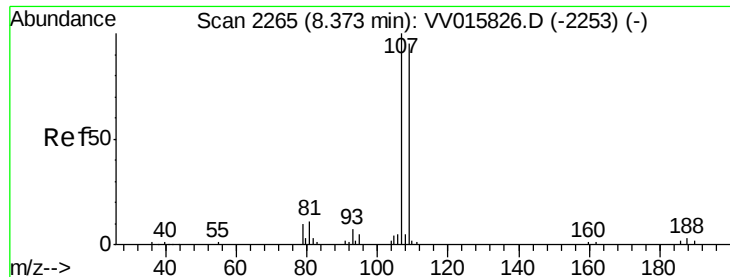
#49
Dibromochloromethane
Concen: 5.864 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Tgt Ion: 129 Resp: 37781
Ion Ratio Lower Upper
129 100
127 78.1 52.6 97.8



Abundance Ion 128.95 (128.65 to 129.65): VV015849.D (-2232) (-)
Ion 126.90 (126.60 to 127.60): VV015849.D (-2232) (-)

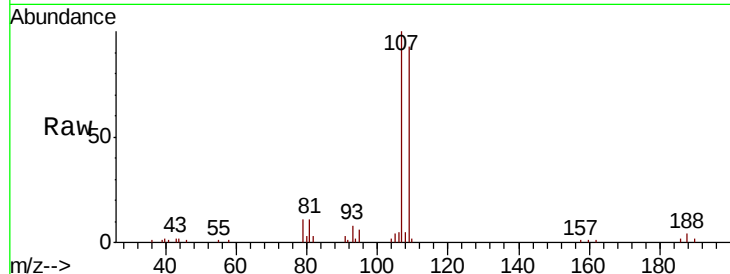




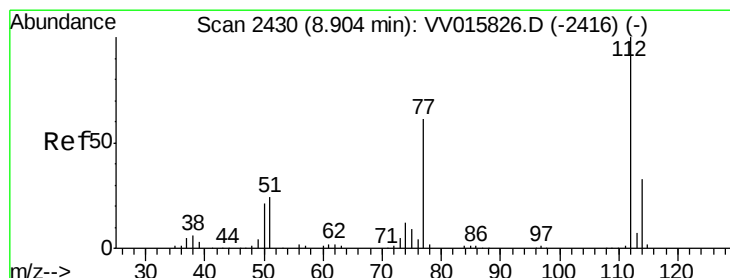
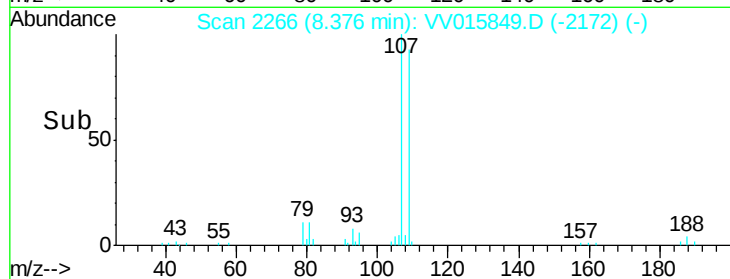
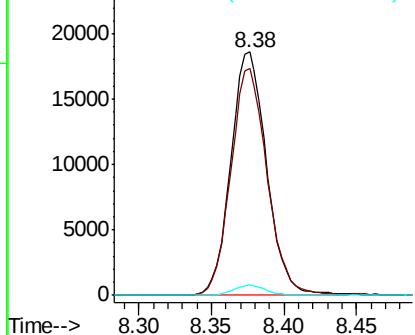
#50
1,2-Dibromoethane
Concen: 5.534 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:107 Resp: 31861
Ion Ratio Lower Upper
107 100
109 93.3 68.1 126.5
188 4.2 3.2 4.8

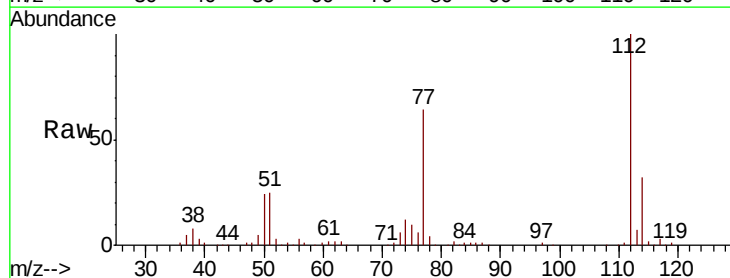


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

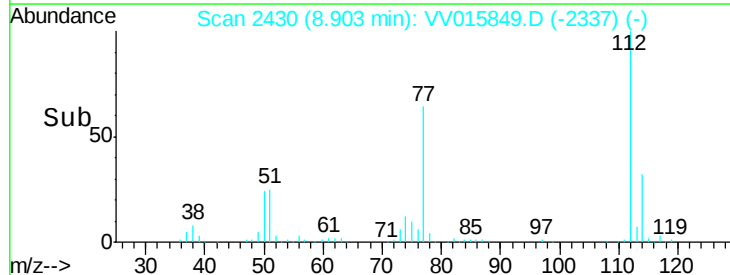
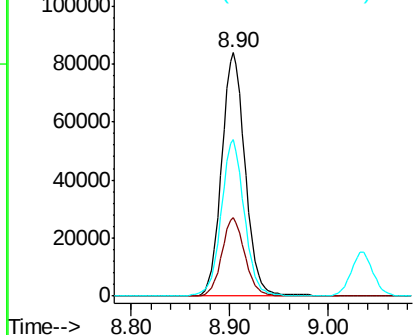


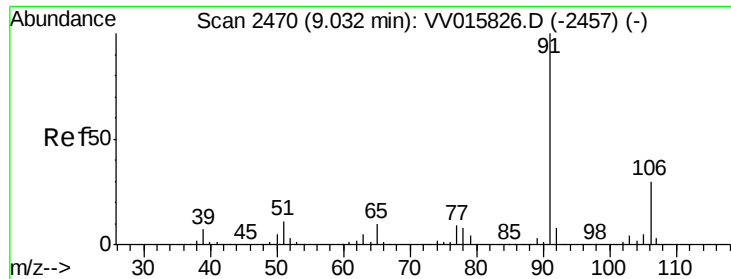
#51
Chlorobenzene
Concen: 5.588 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Tgt Ion:112 Resp: 140549
Ion Ratio Lower Upper
112 100
114 32.1 21.6 40.2
77 64.1 48.9 73.3



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: 5.564 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

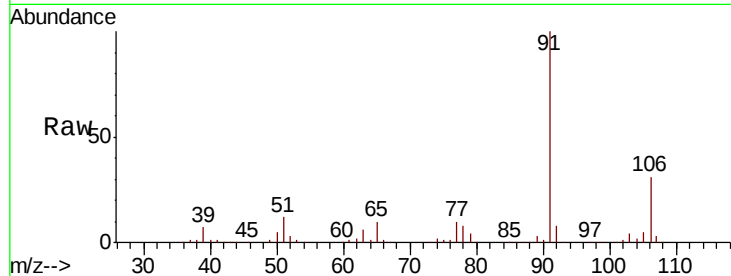
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 247202

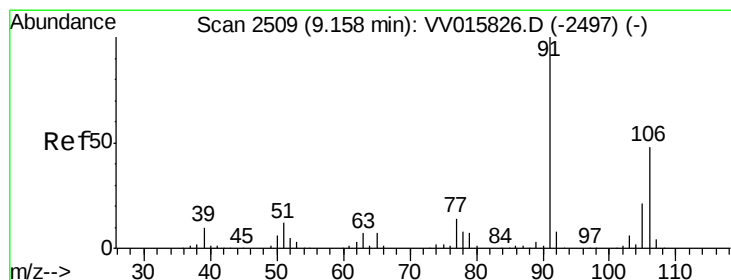
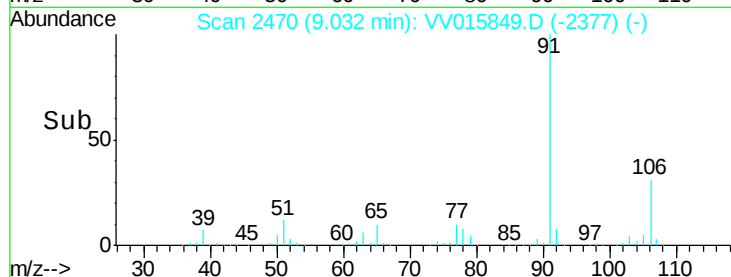
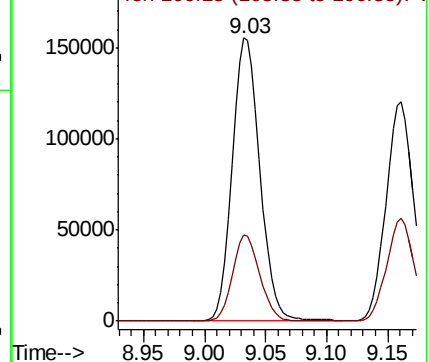
Ion Ratio Lower Upper

91 100

106 30.5 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015849.D (-2377) (-)



#53

m,p-xylene

Concen: 5.516 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV015849.D

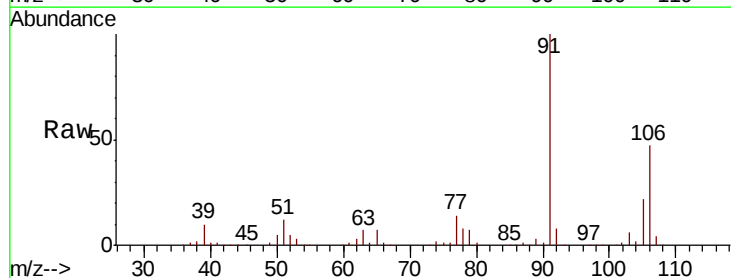
Acq: 30 Apr 2020 21:15

Tgt Ion: 106 Resp: 89766

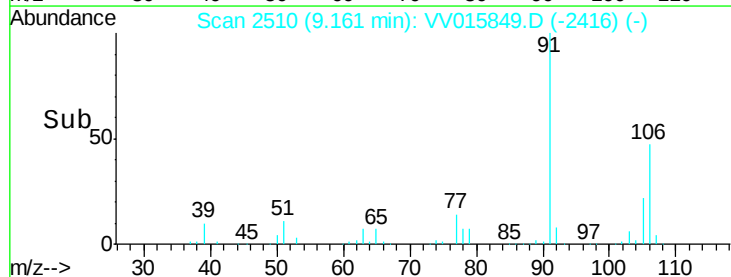
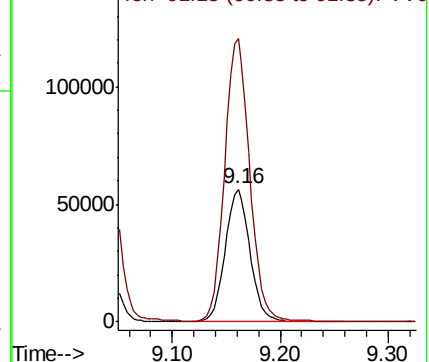
Ion Ratio Lower Upper

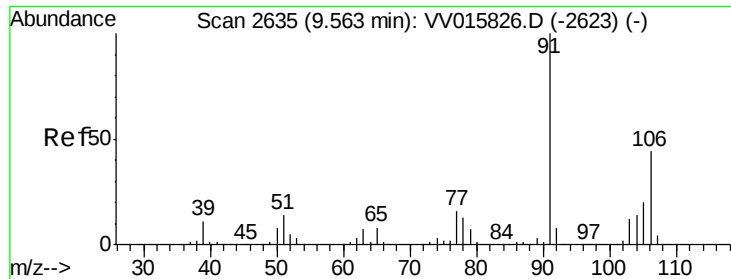
106 100

91 213.3 147.8 274.4



Abundance Ion 106.15 (105.85 to 106.85): VV015849.D (-2416) (-)

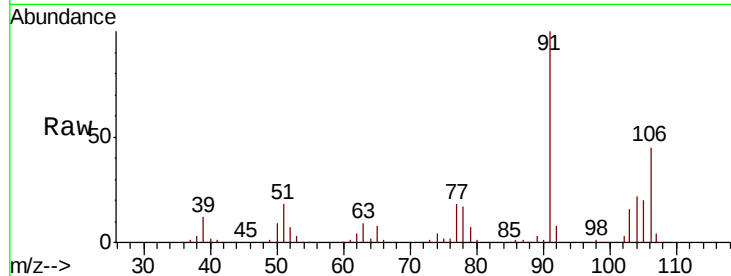




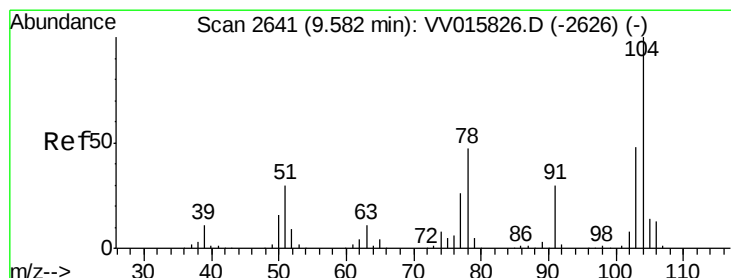
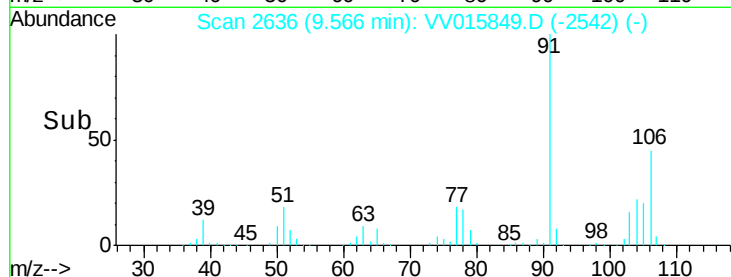
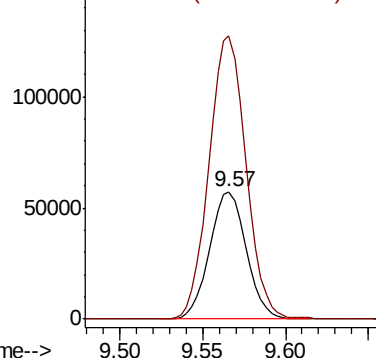
#54
o-xylene
Concen: 5.587 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 87987
Ion Ratio Lower Upper
106 100
91 222.3 159.8 296.8

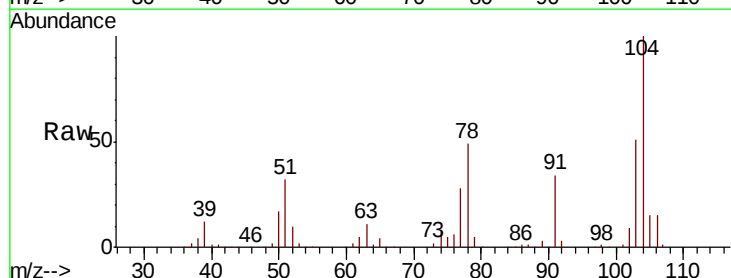


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

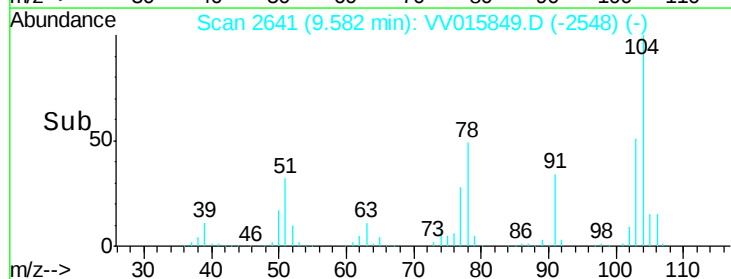
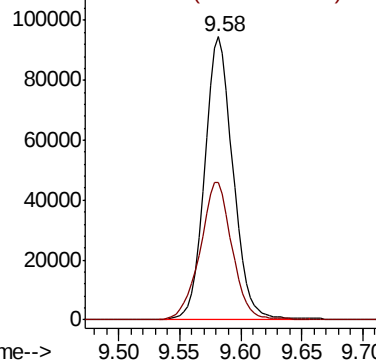


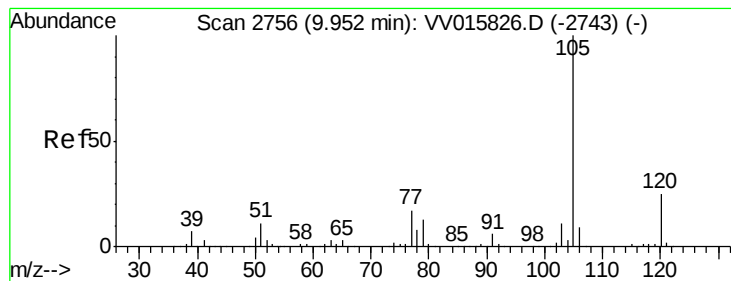
#55
Styrene
Concen: 5.713 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV015849.D
Acq: 30 Apr 2020 21:15

Tgt Ion:104 Resp: 152658
Ion Ratio Lower Upper
104 100
78 48.8 34.5 64.1



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





#56

Isopropylbenzene

Concen: 5.541 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

Instrument :

MSVOA_V

ClientSampled :

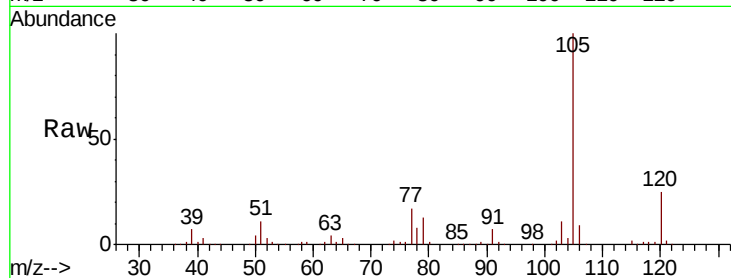
Tot Ion:105 Resp: 244810

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1

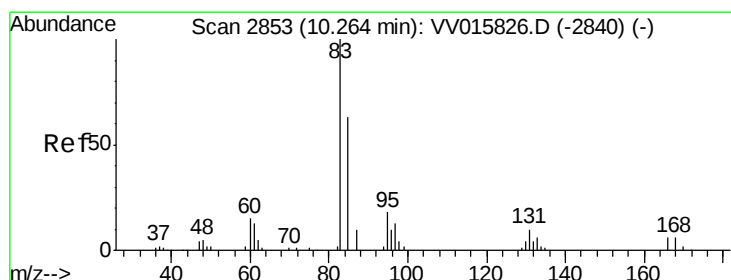
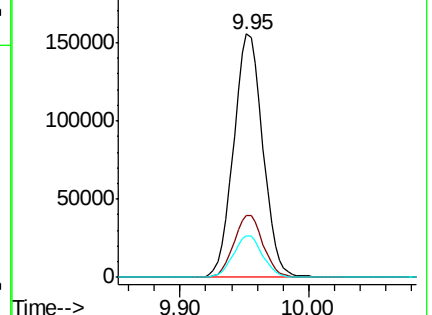
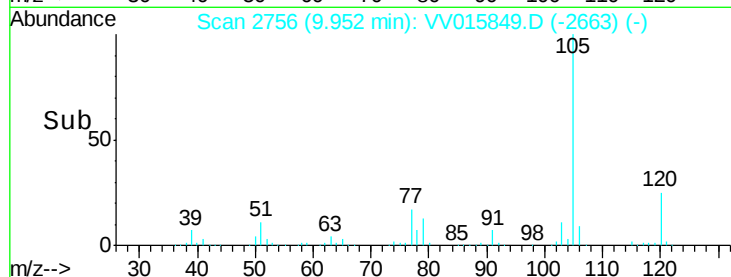
77 17.2 13.9 20.9



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: 5.693 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

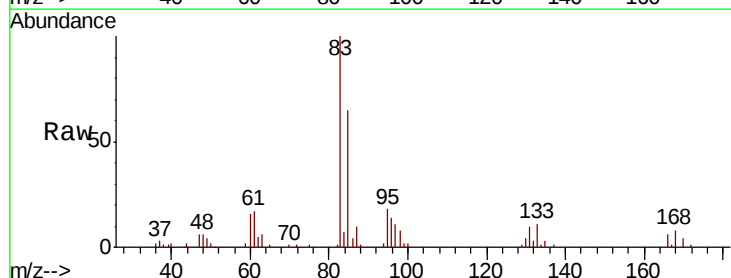
Tgt Ion: 83 Resp: 41385

Ion Ratio Lower Upper

83 100

85 64.5 46.3 85.9

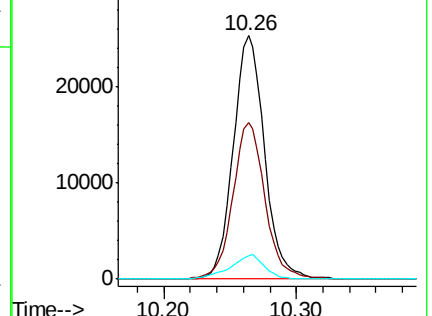
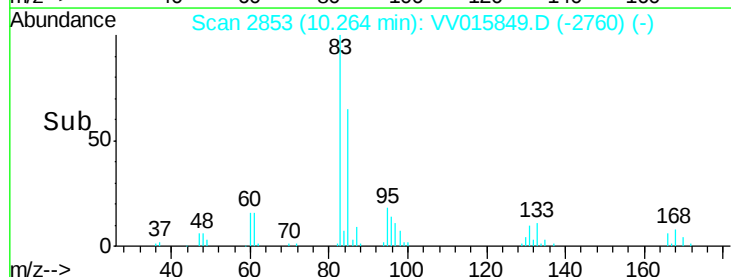
131 9.9 7.7 11.5

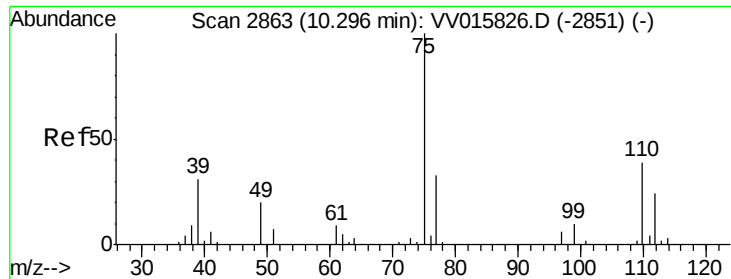


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

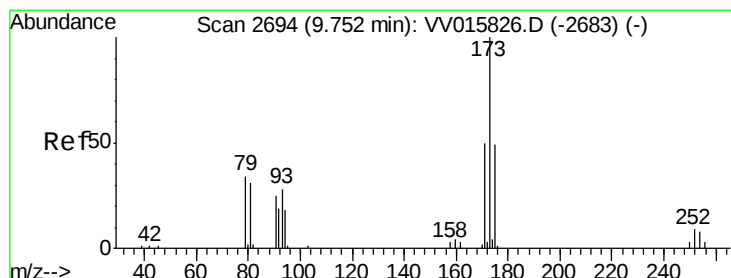
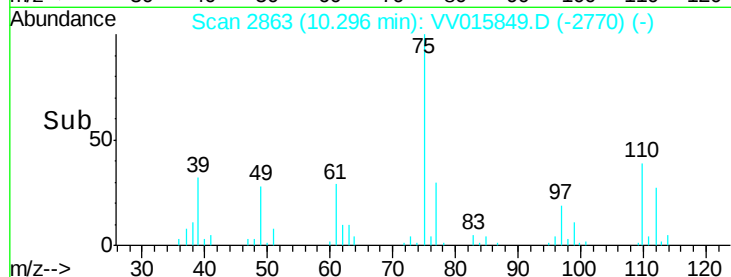
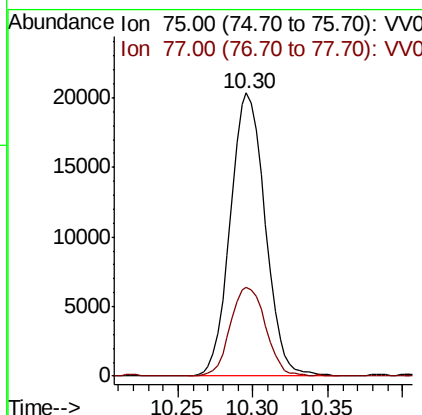
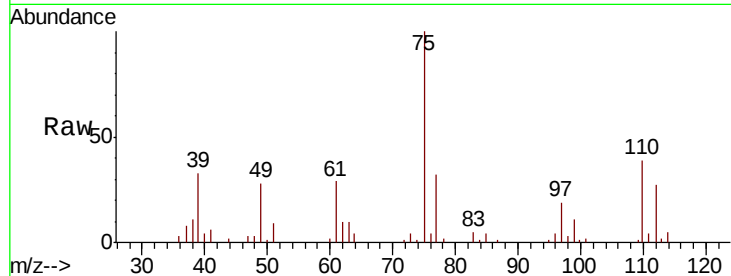




#59
 1,2,3-Trichloropropane
 Concen: 5.657 ug/L
 RT: 10.30 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

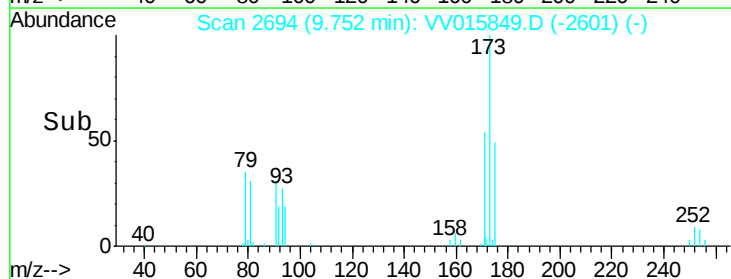
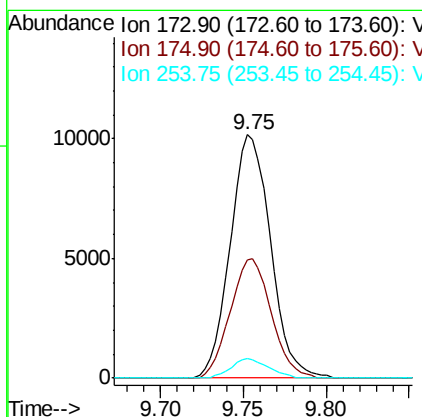
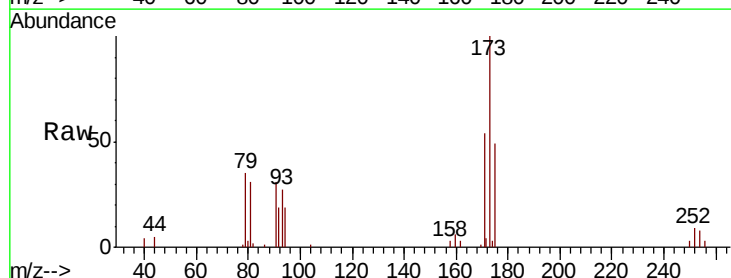
Instrument :
 MSVOA_V
 ClientSampleId :

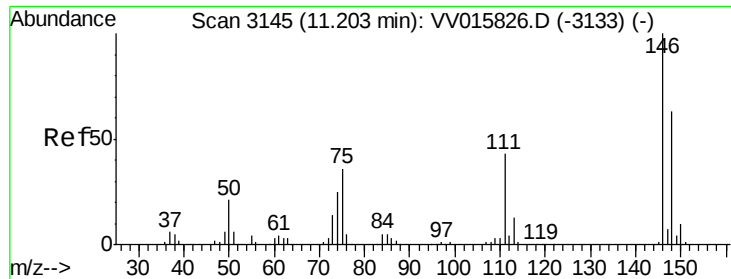
Tot Ion: 75 Resp: 32986
 Ion Ratio Lower Upper
 75 100
 77 31.9 26.0 39.0



#61
 Bromoform
 Concen: 6.539 ug/L
 RT: 9.75 min Scan# 2694
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion: 173 Resp: 17223
 Ion Ratio Lower Upper
 173 100
 175 49.5 39.8 59.8
 254 7.4 5.8 8.8

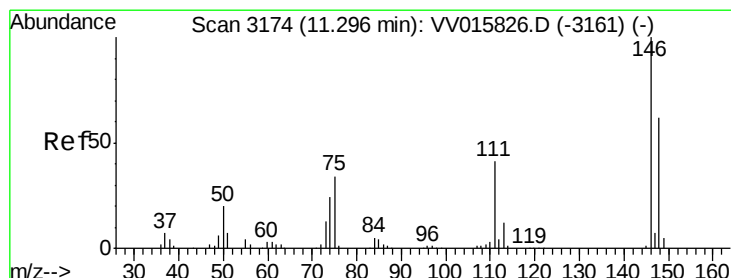
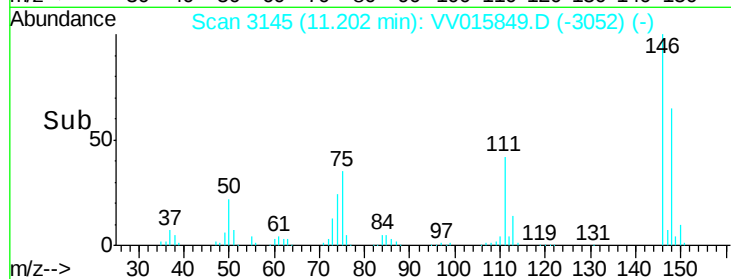
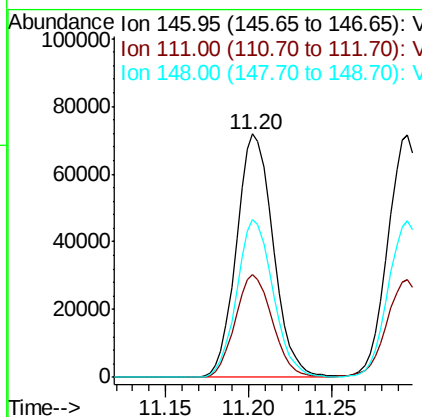
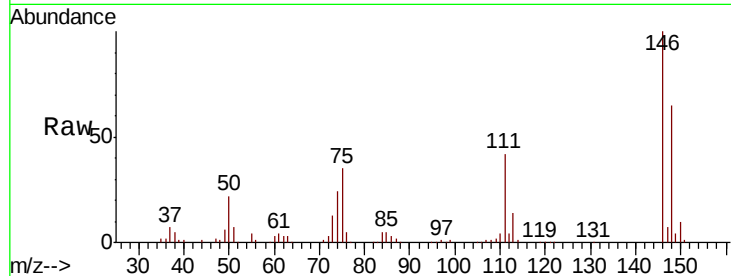




#62
 1,3-Dichlorobenzene
 Concen: 5.494 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

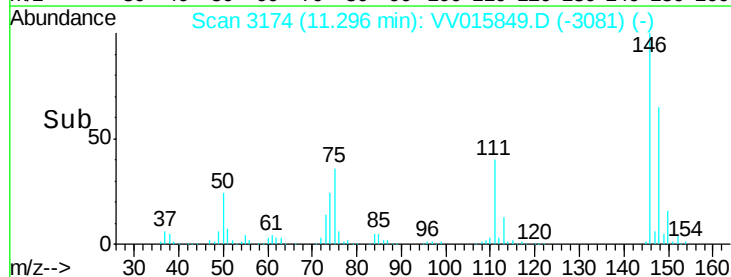
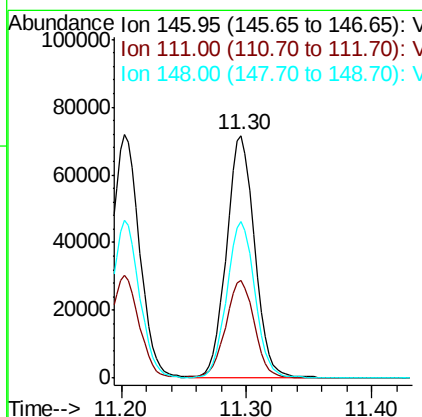
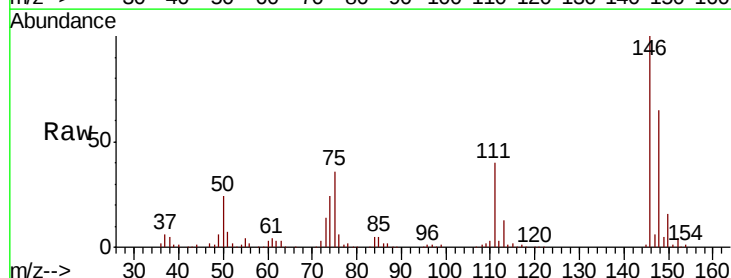
Instrument :
 MSVOA_V
 ClientSampled :

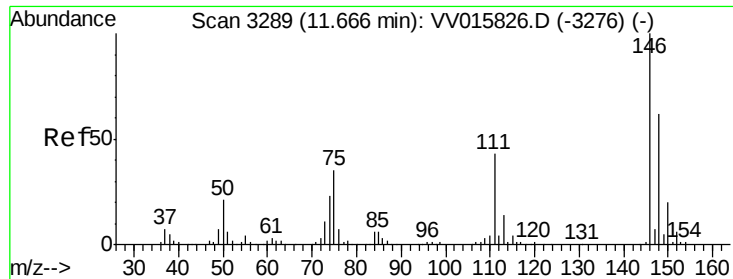
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	30.0	55.6
148	64.6	44.2	82.2



#63
 1,4-Dichlorobenzene
 Concen: 5.467 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	28.2	52.4
148	64.7	45.7	84.9





#65

1,2-Dichlorobenzene

Concen: 5.679 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

Instrument :

MSVOA_V

ClientSampled :

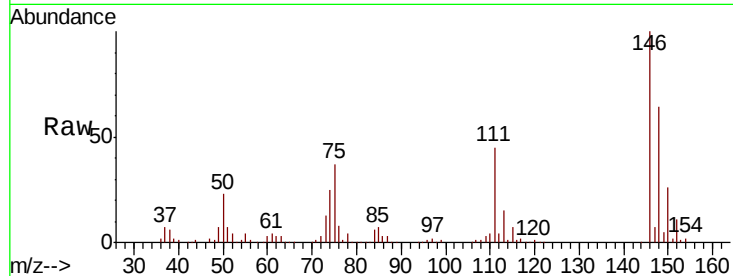
Tot Ion:146 Resp: 103725

Ion Ratio Lower Upper

146 100

111 44.9 34.7 52.1

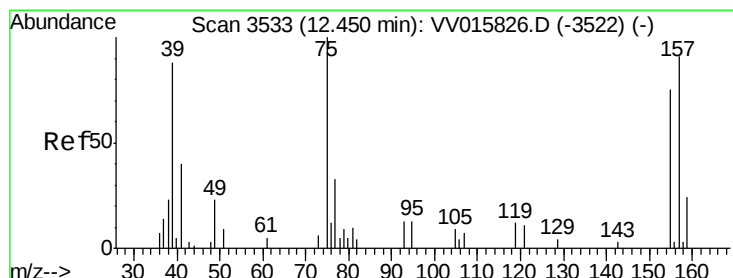
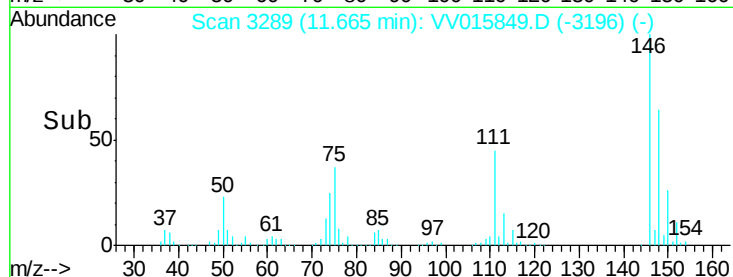
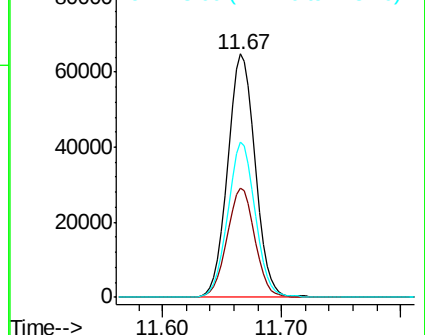
148 63.8 51.3 76.9



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: 5.652 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

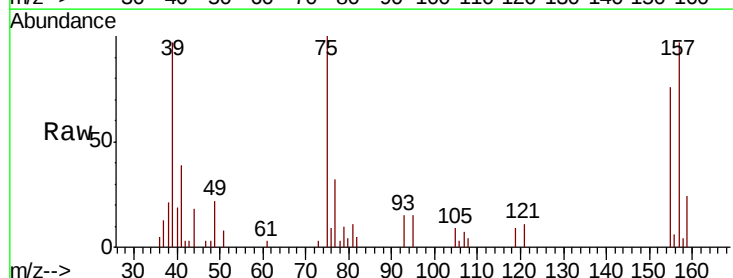
Tgt Ion: 75 Resp: 6726

Ion Ratio Lower Upper

75 100

155 76.5 51.0 76.4#

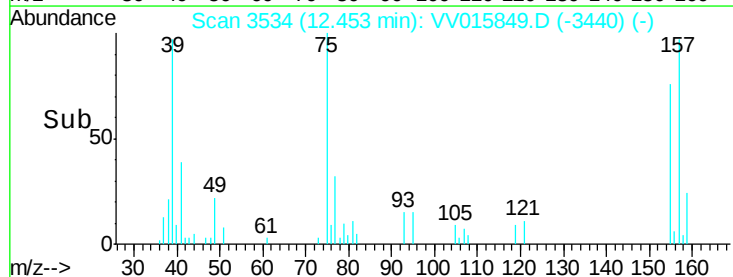
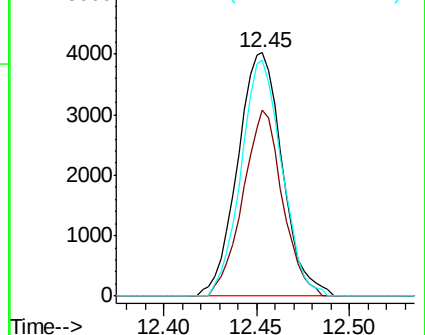
157 96.7 70.6 106.0

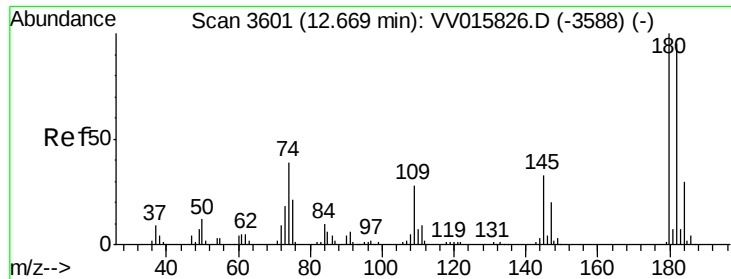


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

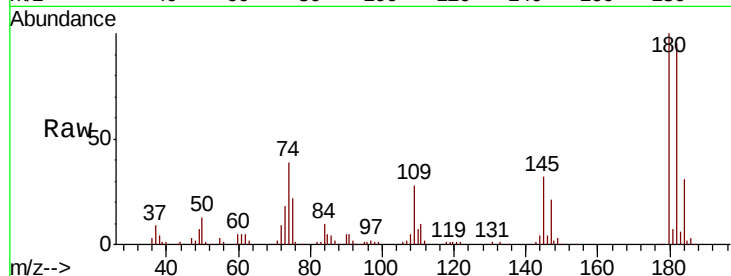




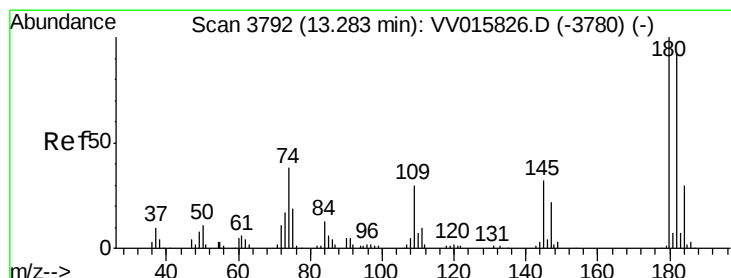
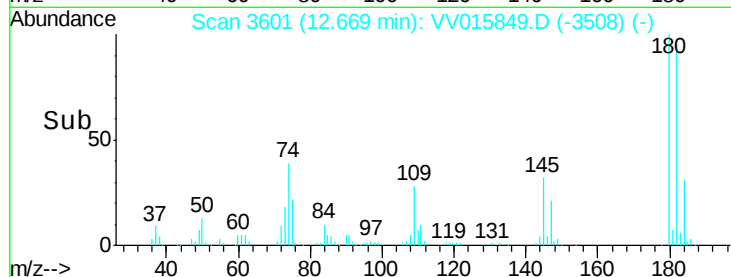
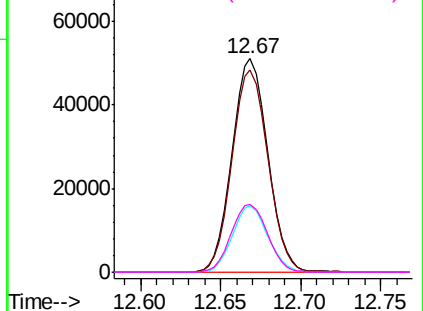
#67
 1,3,5-Trichlorobenzene
 Concen: 5.201 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 77626
 Ion Ratio Lower Upper
 180 100
 182 95.4 78.2 117.4
 184 30.8 25.0 37.4
 145 32.2 26.4 39.6

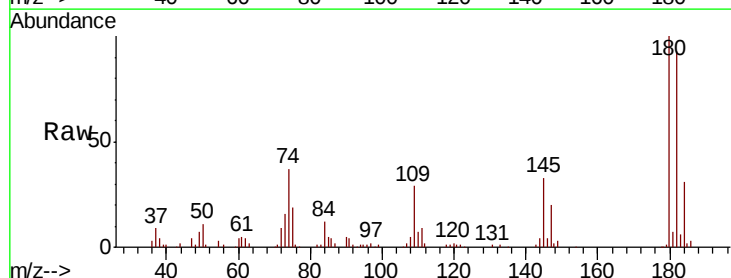


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

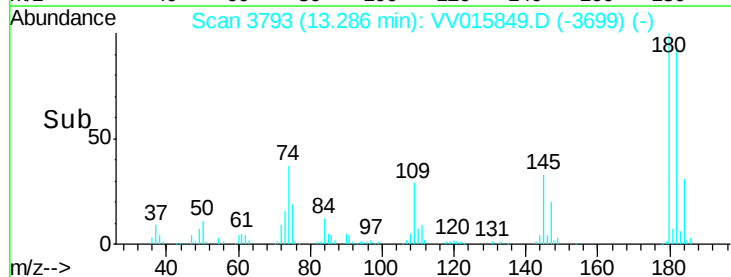
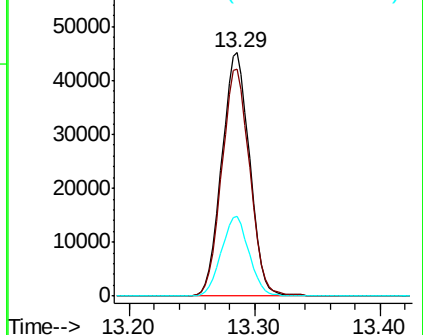


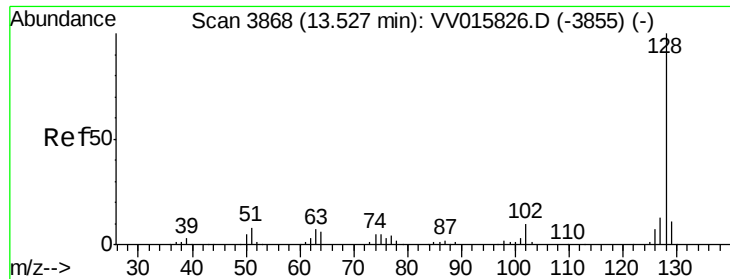
#68
 1,2,4-trichlorobenzene
 Concen: 5.056 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV015849.D
 Acq: 30 Apr 2020 21:15

Tgt Ion:180 Resp: 69453
 Ion Ratio Lower Upper
 180 100
 182 93.6 74.8 112.2
 145 32.6 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: 4.532 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

Instrument :

MSVOA_V

ClientSampleId :

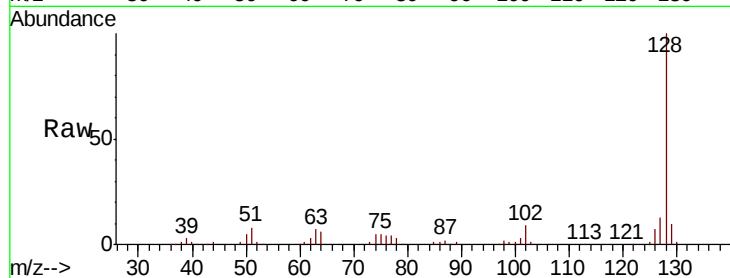
Tot Ion:128 Resp: 111406

Ion Ratio Lower Upper

128 100

129 10.2 8.4 12.6

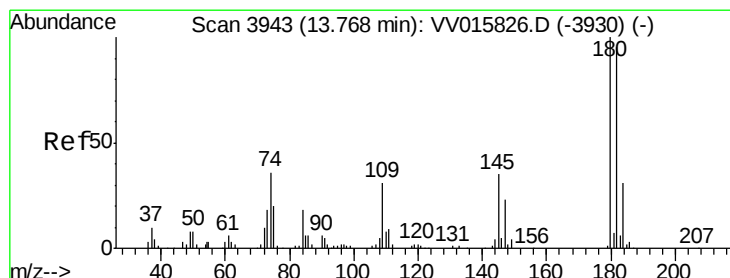
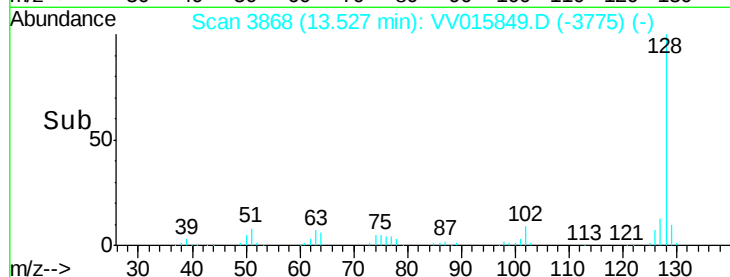
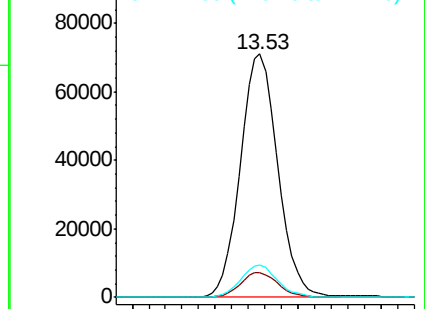
127 12.9 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 5.062 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV015849.D

Acq: 30 Apr 2020 21:15

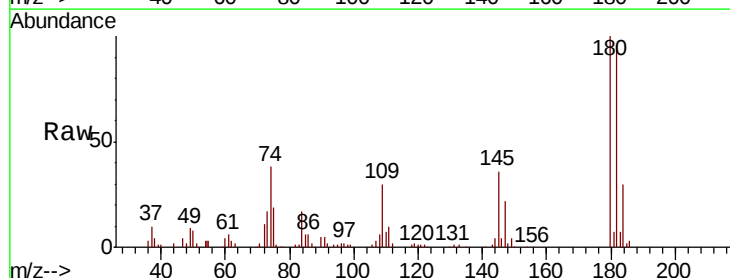
Tgt Ion:180 Resp: 61362

Ion Ratio Lower Upper

180 100

182 95.7 74.8 112.2

145 35.8 28.4 42.6



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

