

Data File : VV015935.D
Acq On : 07 May 2020 11:19
Operator : SY/MD
Sample : VSTD01034
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

Quant Time: May 08 04:41:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 04:37:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	153066	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	150123	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	86722	9.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	80722	9.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	181994	9.71	ug/L	0.00
20) 2-Butanone-d5	3.95	46	269100	110.53	ug/L	0.00
24) Chloroform-d	4.38	84	191832	10.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	110302	10.38	ug/L	0.00
32) Benzene-d6	5.07	84	379106	10.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	114832	10.06	ug/L	0.00
41) Toluene-d8	7.34	98	366547	10.51	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	49175	11.05	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	222077	112.50	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	81605	9.95	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	130201	10.21	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	123253	10.111 ug/L	98
3) Chloromethane	1.25	50	121422	9.971 ug/L	100
5) Vinyl chloride	1.32	62	116040	9.978 ug/L	98
6) Bromomethane	1.53	94	67497	10.415 ug/L	99
8) Chloroethane	1.59	64	71340	9.980 ug/L	93
9) Trichlorofluoromethane	1.76	101	161191	10.241 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	89903	10.063 ug/L	99
12) 1,1-Dichloroethene	2.13	96	85802	9.953 ug/L	88
13) Acetone	2.25	43	162904	108.359 ug/L	93
14) Carbon disulfide	2.31	76	294762	10.545 ug/L	99
15) Methyl Acetate	2.46	43	40533	11.563 ug/L	95
16) Methylene chloride	2.52	84	96440	8.055 ug/L	97
17) Methyl tert-butyl Ether	2.79	73	231294	10.254 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	98006	10.200 ug/L	97
19) 1,1-Dichloroethane	3.21	63	187426	10.220 ug/L	99
21) 2-Butanone	4.03	43	268971	108.363 ug/L	96
22) cis-1,2-Dichloroethene	3.94	96	102540	10.231 ug/L	100
23) Bromochloromethane	4.28	128	43587	10.351 ug/L	98
25) Chloroform	4.40	83	205205	10.244 ug/L	96
27) 1,2-Dichloroethane	5.16	62	127723	10.411 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	175340	10.300 ug/L	99
30) Cyclohexane	4.70	56	176454	10.157 ug/L	98
31) Carbon tetrachloride	4.85	117	150600	10.293 ug/L	99
33) Benzene	5.13	78	403687	10.344 ug/L	100
34) Trichloroethene	5.94	95	110091	10.317 ug/L	97
35) Methylcyclohexane	6.15	83	175545	10.131 ug/L	98
37) 1,2-Dichloropropane	6.20	63	102573	10.581 ug/L	100
38) Bromodichloromethane	6.53	83	128944	10.472 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	151261	10.980 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	665985	107.593 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	434074	10.422	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	423456	10.983	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	427780	10.958	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	130921	11.243	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	67685	10.381	ug/L	97
49) Tetrachloroethene	8.00	164	80171	10.137	ug/L	99
50) 2-Hexanone	8.16	43	482130	110.761	ug/L	99
51) Dibromochloromethane	8.27	129	79963	11.144	ug/L	99
52) 1,2-Dibromoethane	8.37	107	64063	10.271	ug/L	97
53) Chlorobenzene	8.90	112	271655	10.235	ug/L	99
54) Ethylbenzene	9.03	91	499534	10.578	ug/L	98
55) m,p-xylene	9.16	106	188174	10.622	ug/L	99
56) o-xylene	9.57	106	180189	10.748	ug/L	97
57) Styrene	9.58	104	311234	11.037	ug/L	100
58) Isopropylbenzene	9.95	105	491168	10.605	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	74838	10.032	ug/L	96
62) Bromoform	9.75	173	39360	11.868	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	219790	10.158	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	219572	10.285	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	201564	10.314	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	13349	9.899	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	165150	10.327	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	141836	10.542	ug/L	99
70) Naphthalene	13.53	128	249668	11.144	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	126112	10.470	ug/L	99

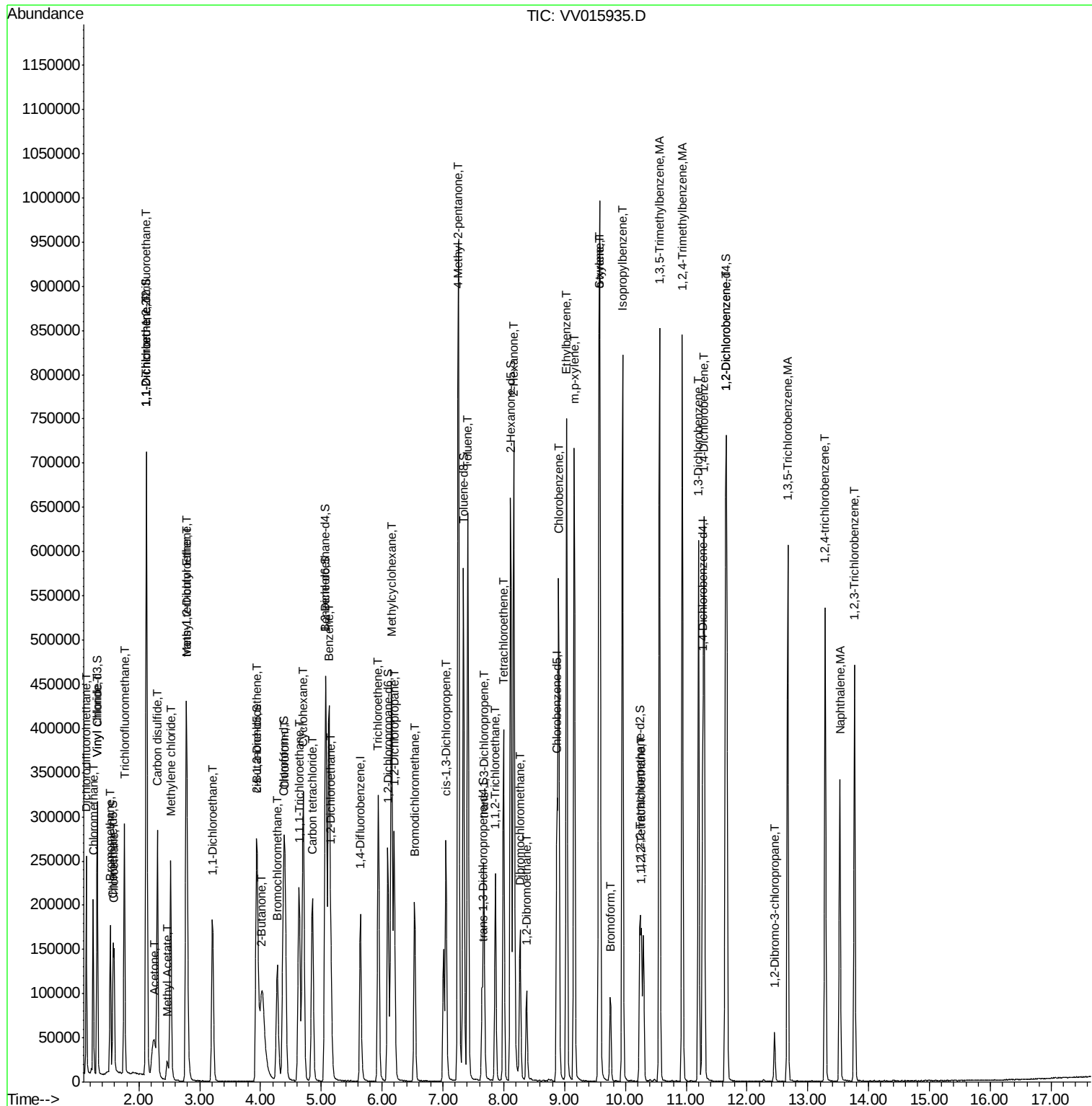
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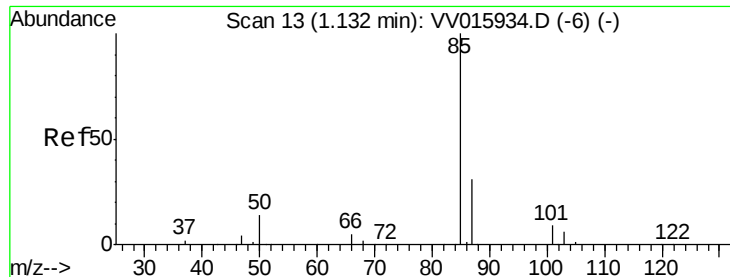
Data File : VV015935.D

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#2

Dichlorodifluoromethane

Concen: 10.111 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

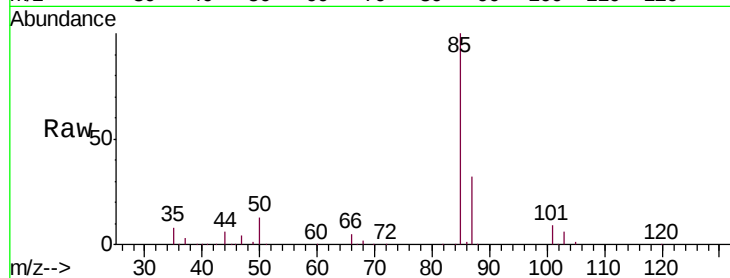
VSTD01034

Tgt Ion: 85 Resp: 123253

Ion Ratio Lower Upper

85 100

87 31.7 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV015934.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015934.D (-6) (-)

1.14

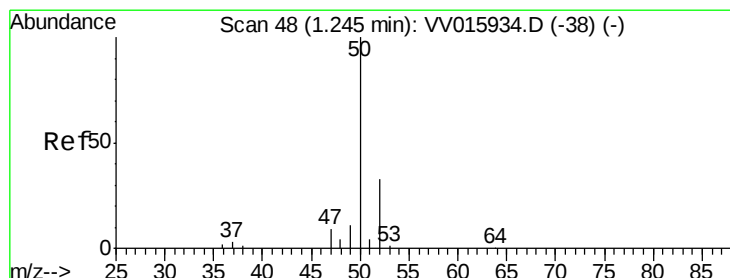
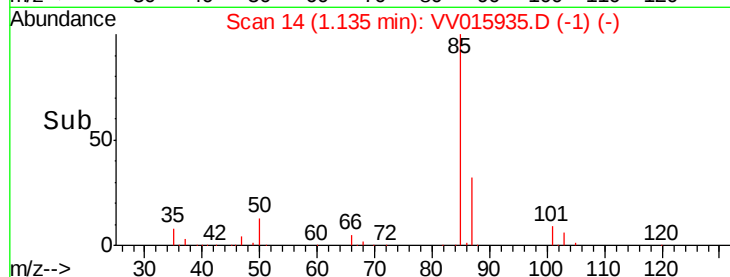
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 9.971 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015935.D

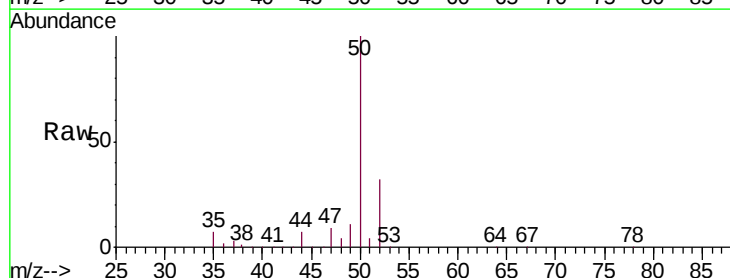
Acq: 07 May 2020 11:19

Tgt Ion: 50 Resp: 121422

Ion Ratio Lower Upper

50 100

52 32.4 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV015934.D (-38) (-)

Ion 52.05 (51.75 to 52.75): VV015934.D (-38) (-)

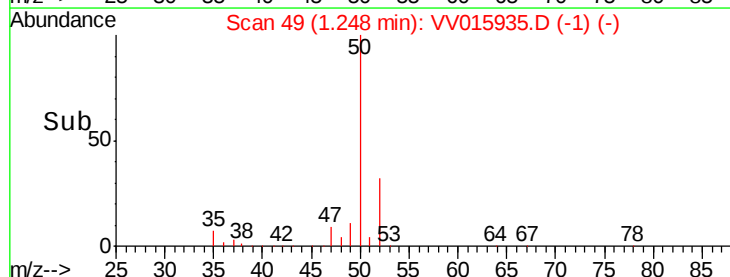
1.25

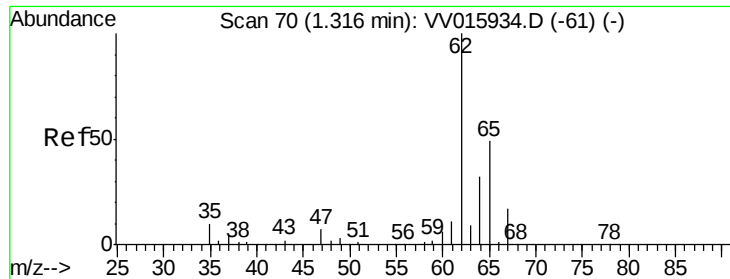
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 9.978 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

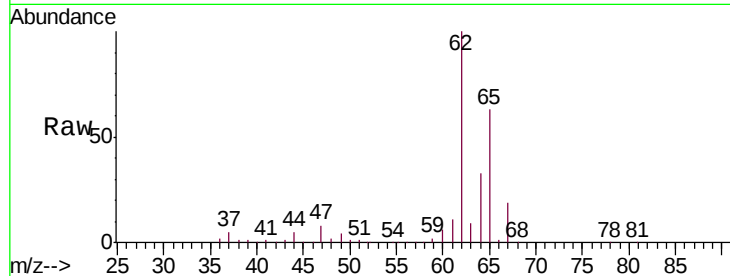
VSTD01034

Tgt Ion: 62 Resp: 116040

Ion Ratio Lower Upper

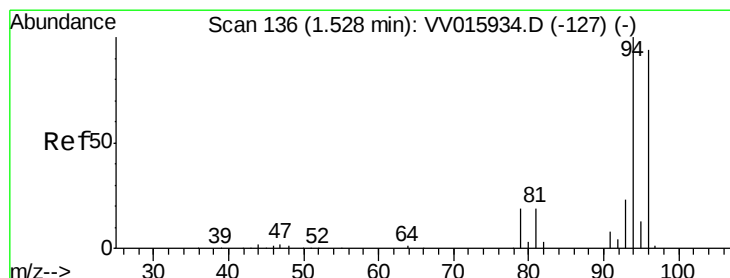
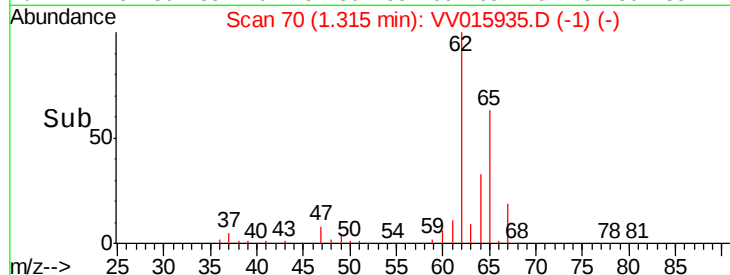
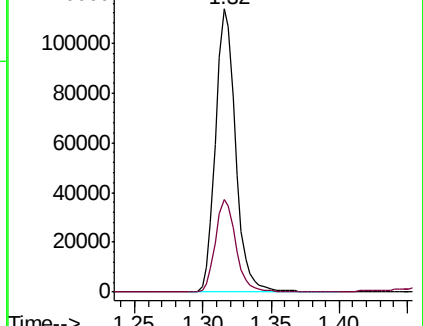
62 100

64 32.9 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV015934.D (-61) (-)

Ion 64.10 (63.80 to 64.80): VV015934.D (-61) (-)



#6

Bromomethane

Concen: 10.415 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV015935.D

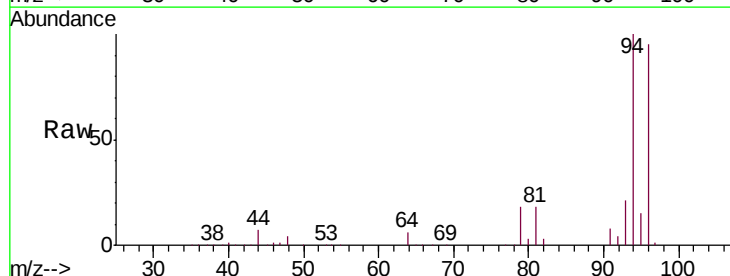
Acq: 07 May 2020 11:19

Tgt Ion: 94 Resp: 67497

Ion Ratio Lower Upper

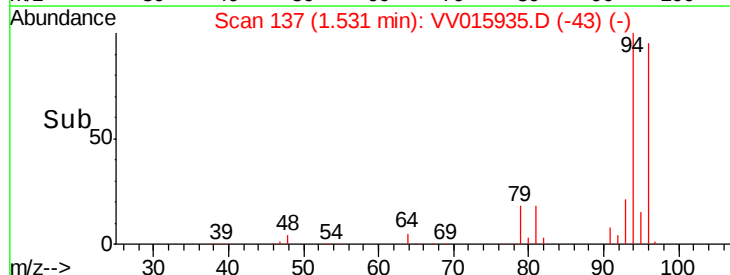
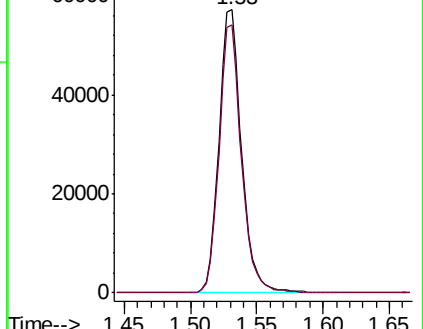
94 100

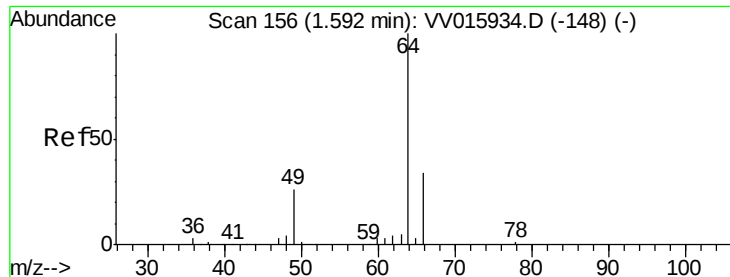
96 94.6 65.4 121.4



Abundance Ion 94.00 (93.70 to 94.70): VV015934.D (-127) (-)

Ion 96.00 (95.70 to 96.70): VV015934.D (-127) (-)





#8

Chloroethane

Concen: 9.980 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

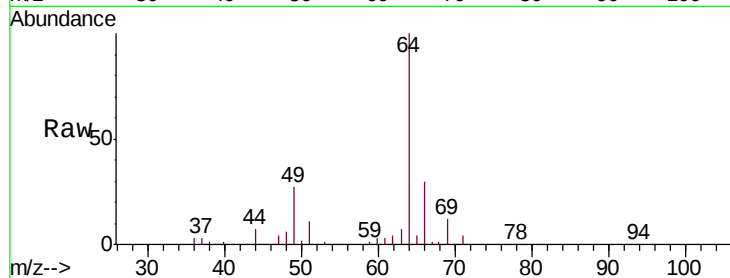
VSTD01034

Tgt Ion: 64 Resp: 71340

Ion Ratio Lower Upper

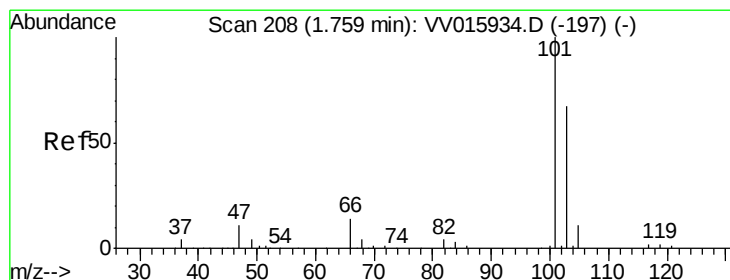
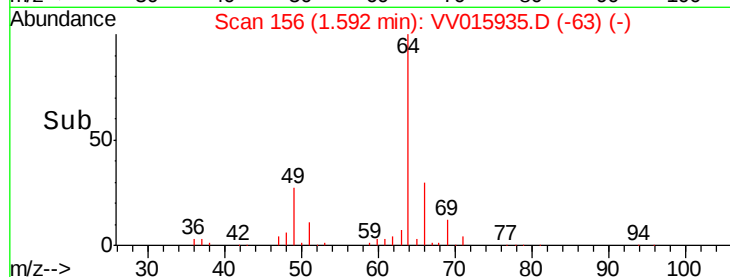
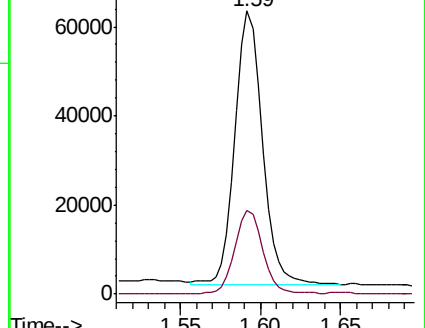
64 100

66 29.7 23.6 43.8



Abundance Ion 64.10 (63.80 to 64.80): VV015934.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV015934.D (-148) (-)



#9

Trichlorofluoromethane

Concen: 10.241 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015935.D

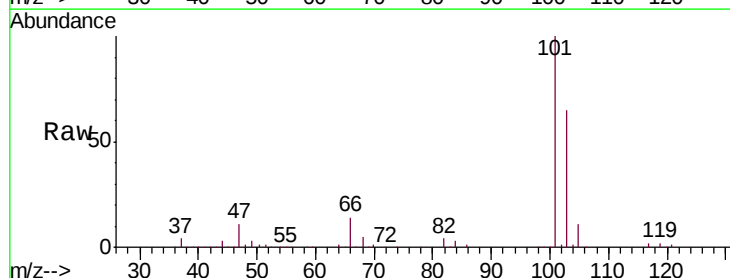
Acq: 07 May 2020 11:19

Tgt Ion: 101 Resp: 161191

Ion Ratio Lower Upper

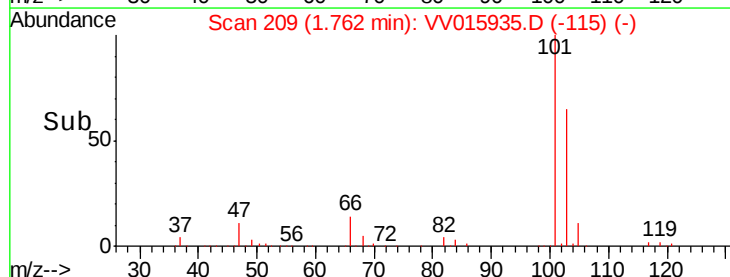
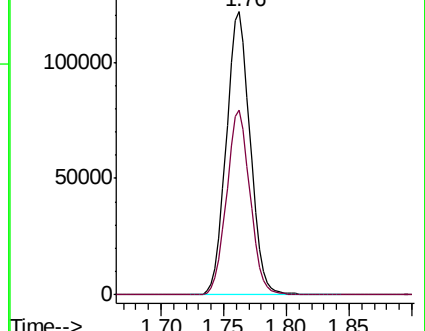
101 100

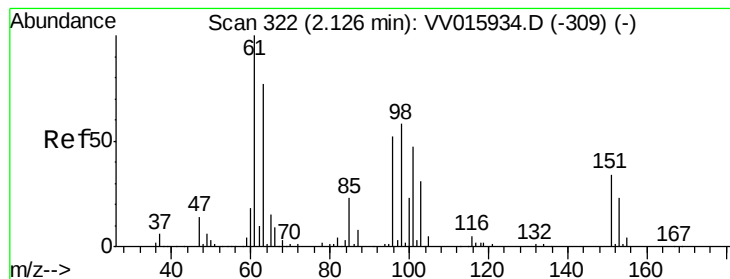
103 64.2 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV015934.D (-197) (-)

Ion 103.00 (102.70 to 103.70): VV015934.D (-197) (-)





#10

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

Concen: 10.063 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD01034

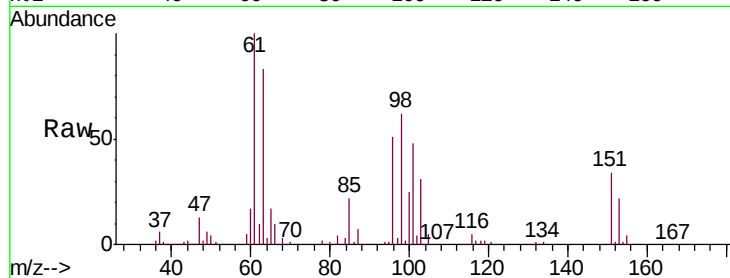
Tgt Ion: 101 Resp: 89903

Ion Ratio Lower Upper

101 100

85 46.0 35.7 53.5

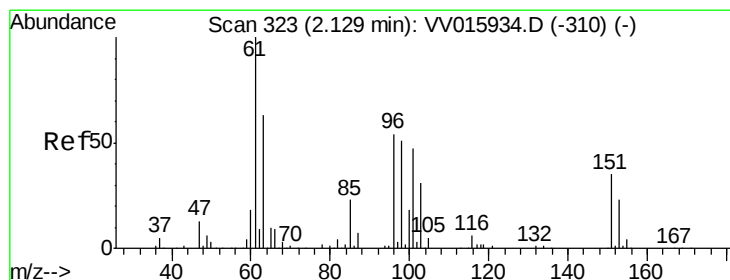
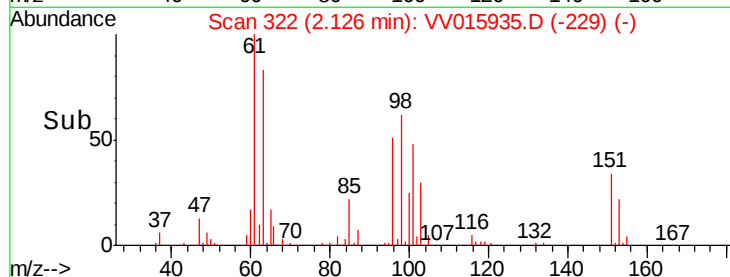
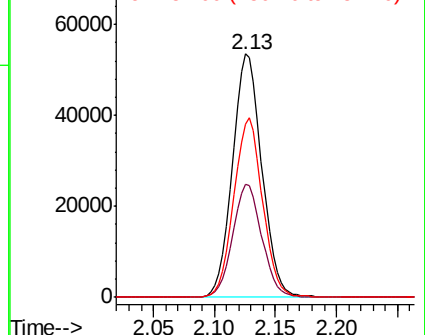
151 72.0 58.0 87.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 9.953 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

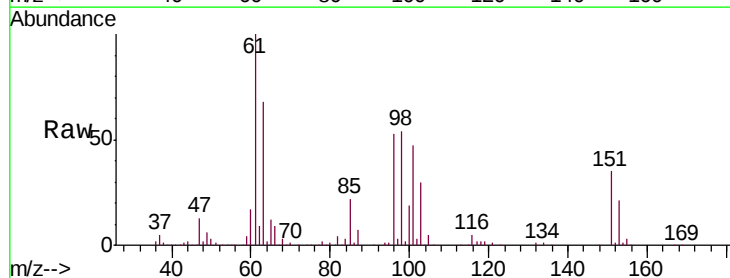
Tgt Ion: 96 Resp: 85802

Ion Ratio Lower Upper

96 100

61 189.9 139.9 259.7

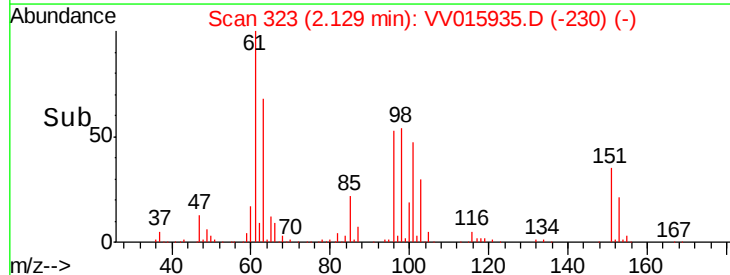
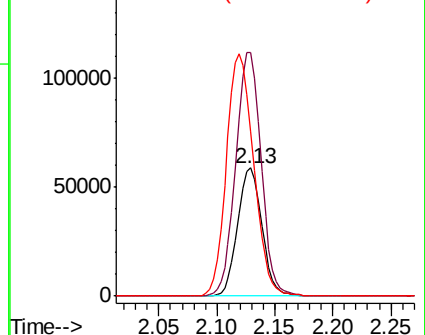
63 128.4 106.4 197.6

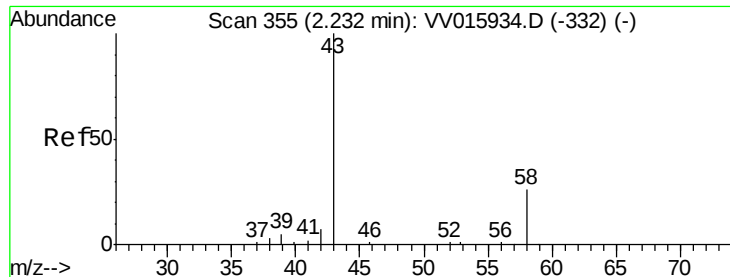


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 108.359 ug/L

RT: 2.25 min Scan# 360

Delta R.T. 0.02 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

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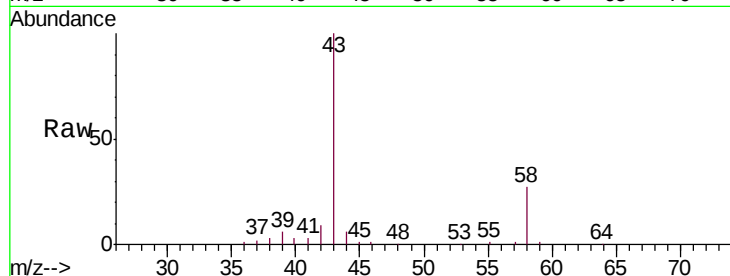
VSTD01034

Tgt Ion: 43 Resp: 162904

Ion Ratio Lower Upper

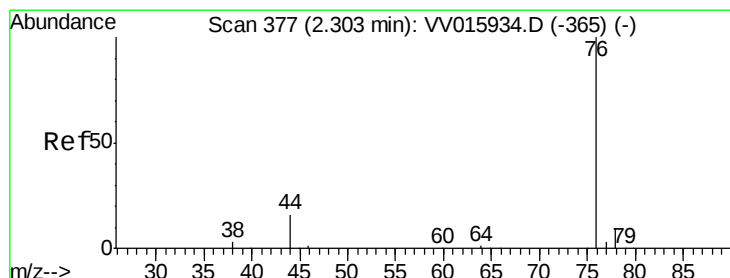
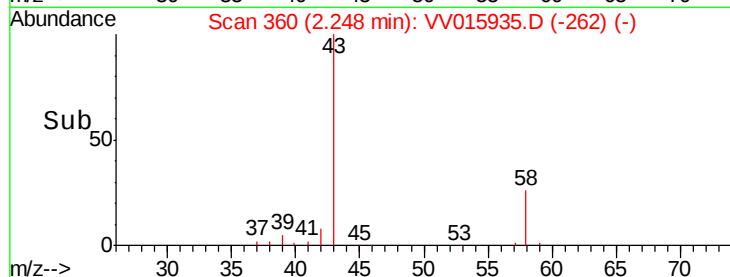
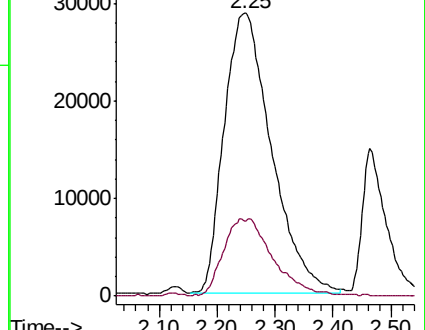
43 100

58 12.3 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV015934.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015934.D (-332) (-)



#14

Carbon disulfide

Concen: 10.545 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV015935.D

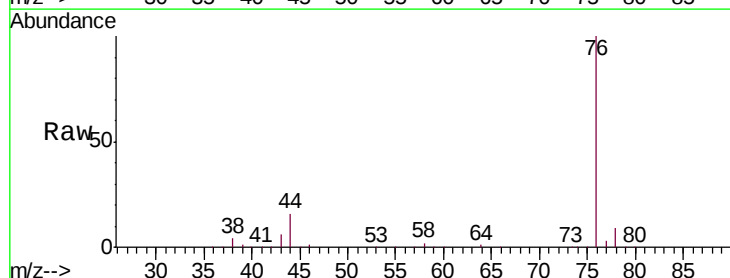
Acq: 07 May 2020 11:19

Tgt Ion: 76 Resp: 294762

Ion Ratio Lower Upper

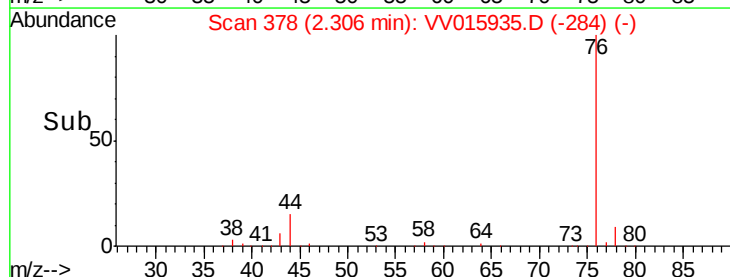
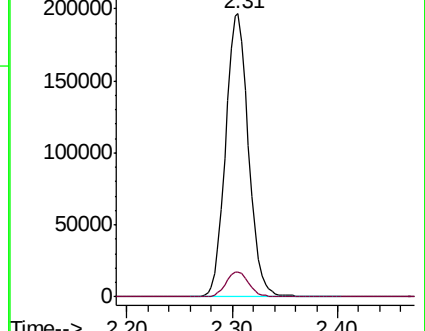
76 100

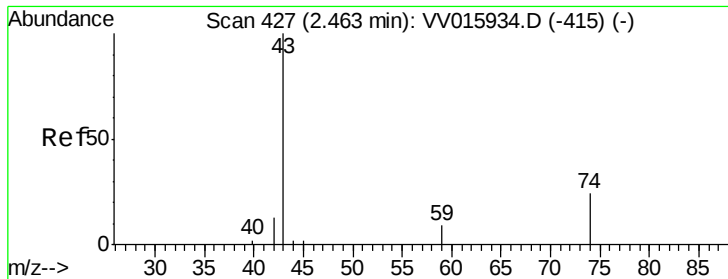
78 9.0 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV015934.D (-365) (-)

Ion 78.00 (77.70 to 78.70): VV015934.D (-365) (-)

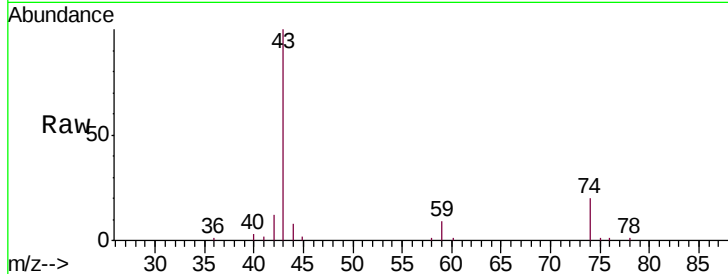




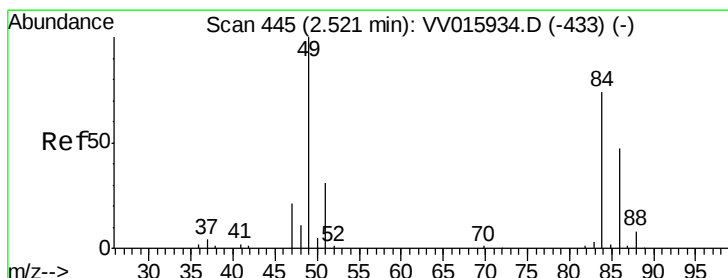
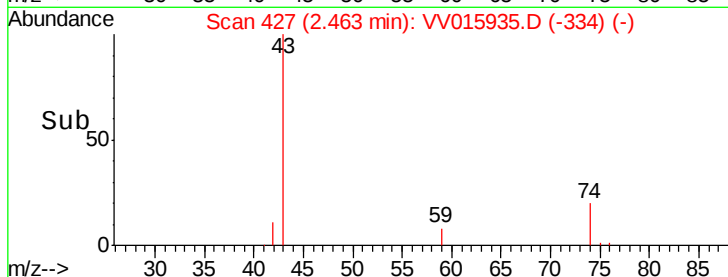
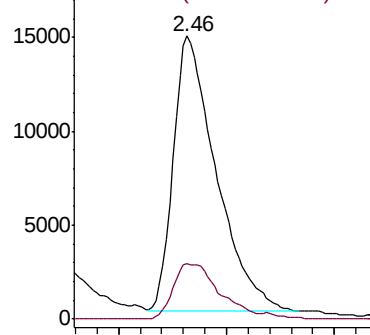
#15
Methyl Acetate
Concen: 11.563 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

Tgt Ion: 43 Resp: 40533
Ion Ratio Lower Upper
43 100
74 21.7 19.2 28.8

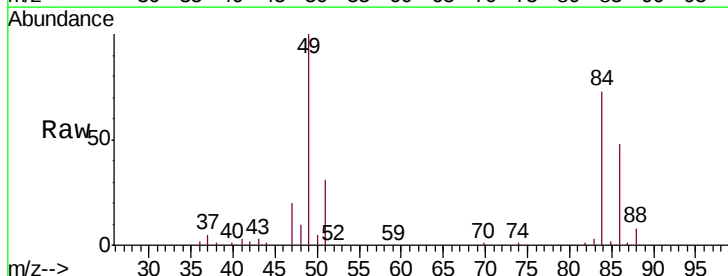


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0

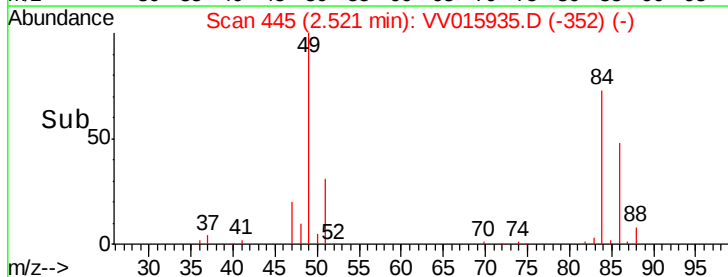
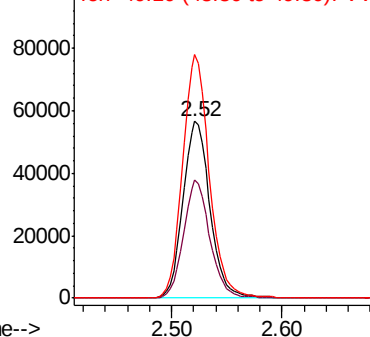


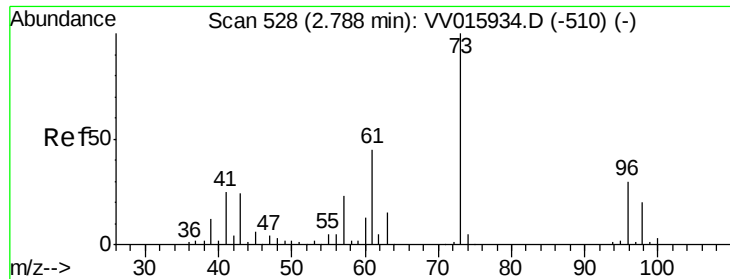
#16
Methylene chloride
Concen: 8.055 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Tgt Ion: 84 Resp: 96440
Ion Ratio Lower Upper
84 100
86 66.5 45.6 84.8
49 137.7 93.6 173.8



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

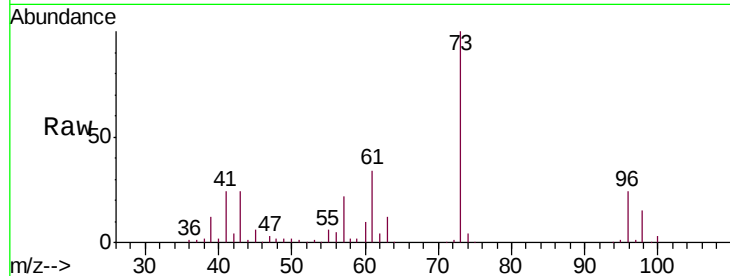




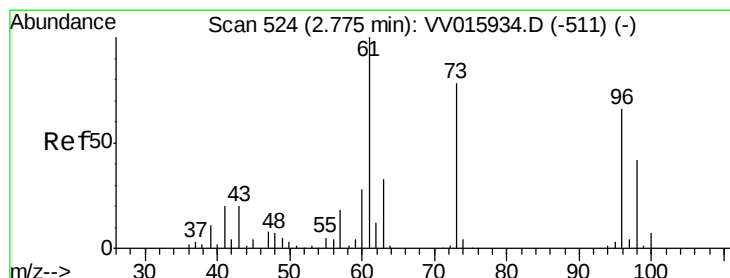
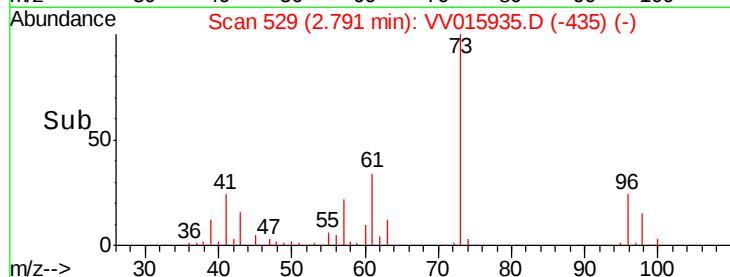
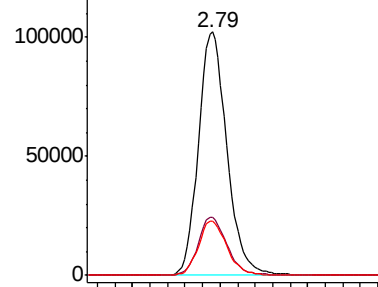
#17
Methyl tert-butyl Ether
Concen: 10.254 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

Tgt Ion: 73 Resp: 231294
Ion Ratio Lower Upper
73 100
43 23.7 18.8 28.2
57 22.4 17.8 26.6

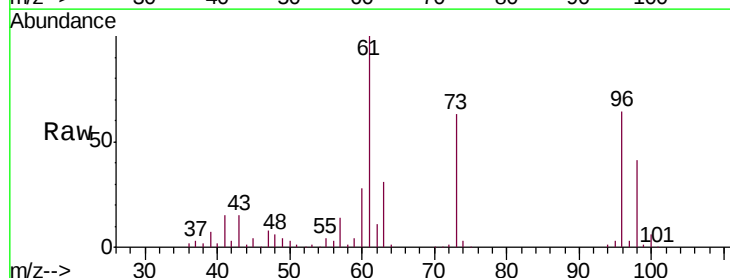


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

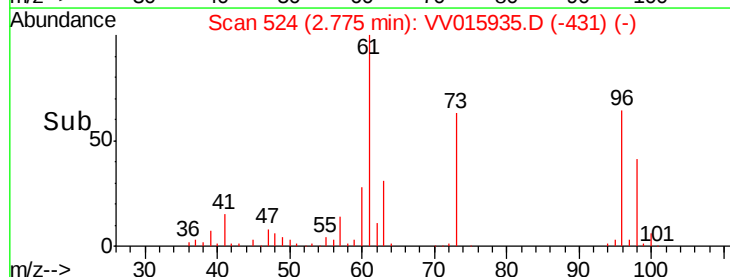
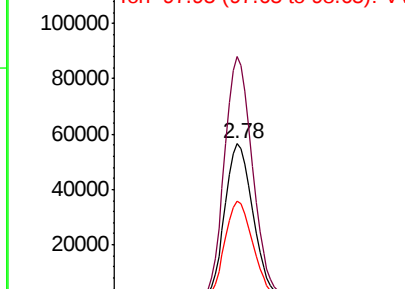


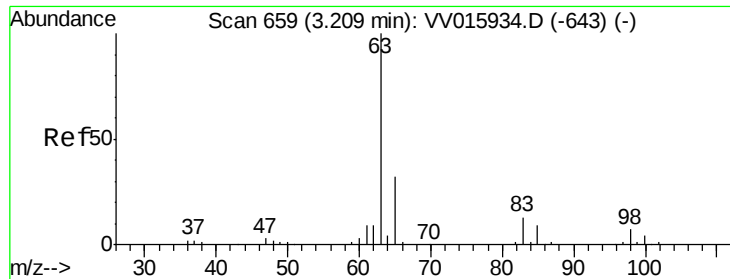
#18
trans-1,2-Dichloroethene
Concen: 10.200 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Tgt Ion: 96 Resp: 98006
Ion Ratio Lower Upper
96 100
61 156.1 105.3 195.5
98 63.3 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

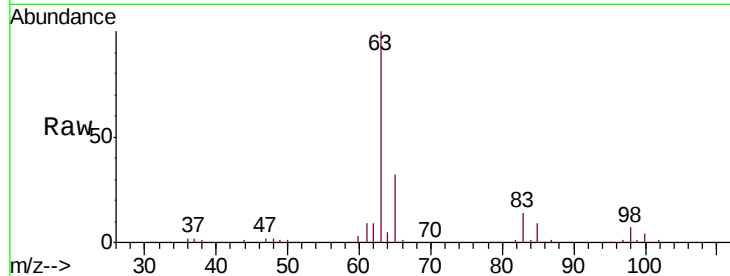




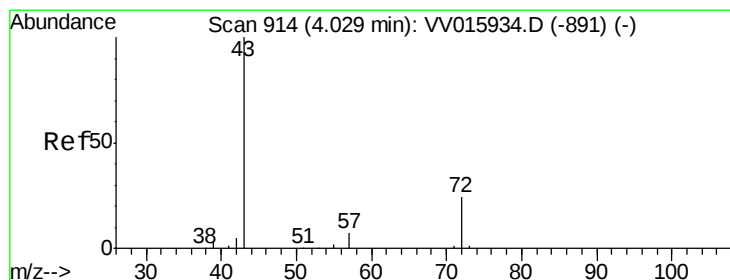
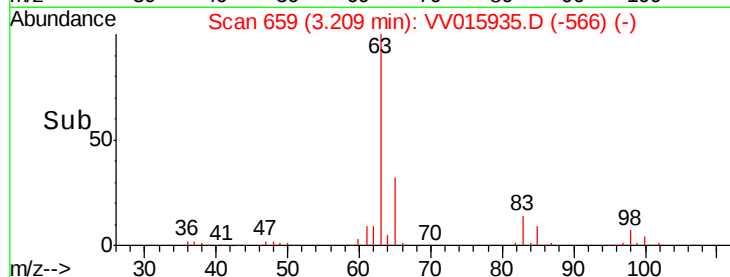
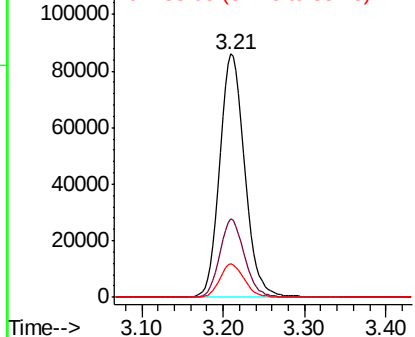
#19
 1,1-Dichloroethane
 Concen: 10.220 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Tgt Ion: 63 Resp: 187426
 Ion Ratio Lower Upper
 63 100
 65 32.1 22.0 41.0
 83 13.7 9.8 18.2

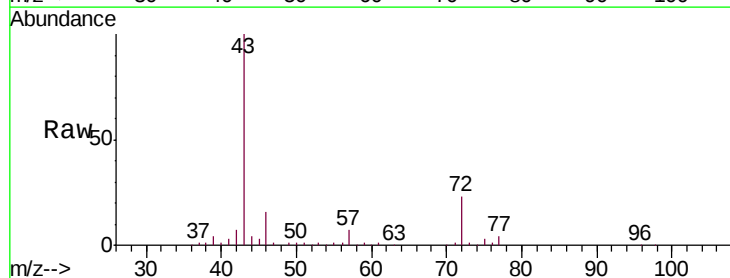


Abundance Ion 63.10 (62.80 to 63.80): VV0
 Ion 65.10 (64.80 to 65.80): VV0
 Ion 83.05 (82.75 to 83.75): VV0

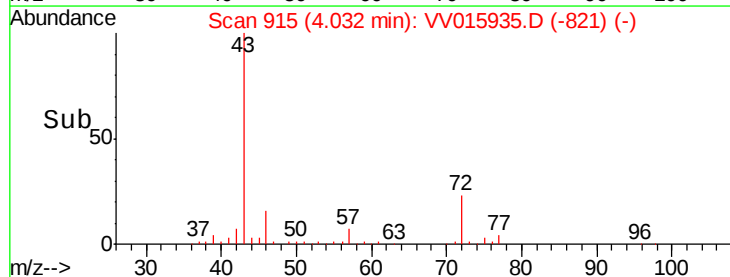
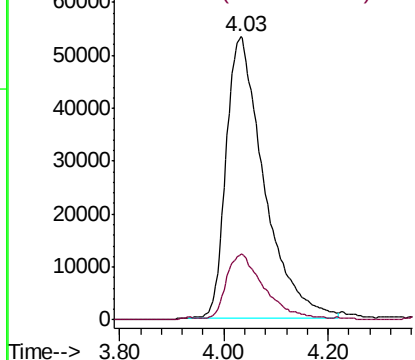


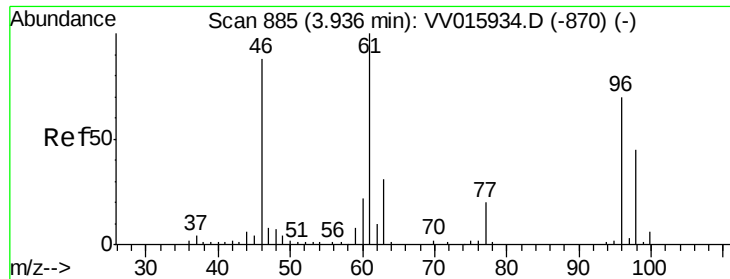
#21
 2-Butanone
 Concen: 108.363 ug/L
 RT: 4.03 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Tgt Ion: 43 Resp: 268971
 Ion Ratio Lower Upper
 43 100
 72 22.9 10.5 31.5



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 72.00 (71.70 to 72.70): VV0



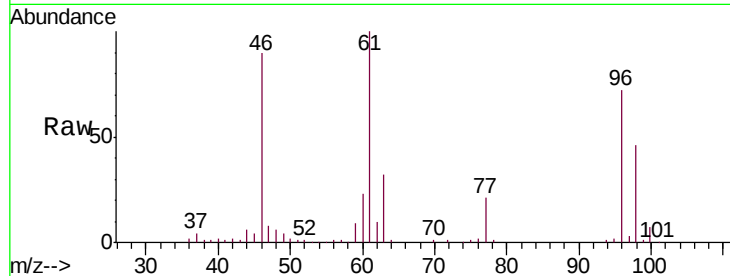


#22

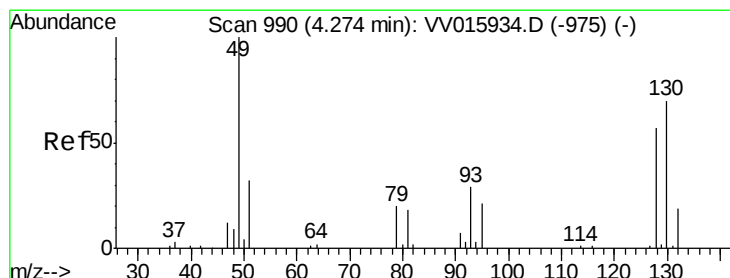
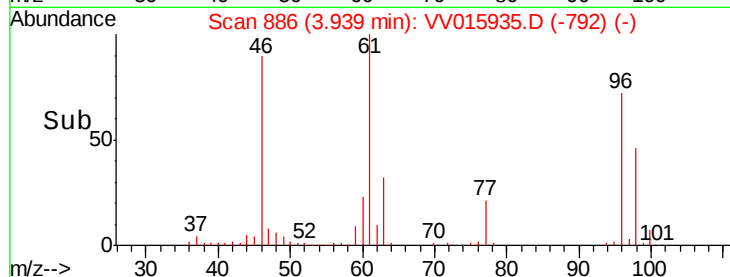
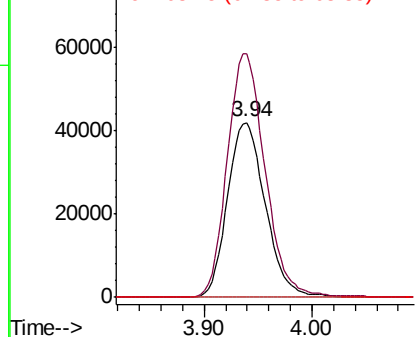
cis-1,2-Dichloroethene
Concen: 10.231 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

Tgt Ion: 96 Resp: 102540
Ion Ratio Lower Upper
96 100
61 139.4 97.2 180.6
68 0.0 0.0 0.0



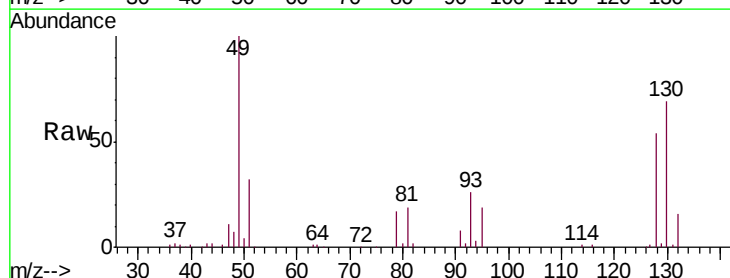
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



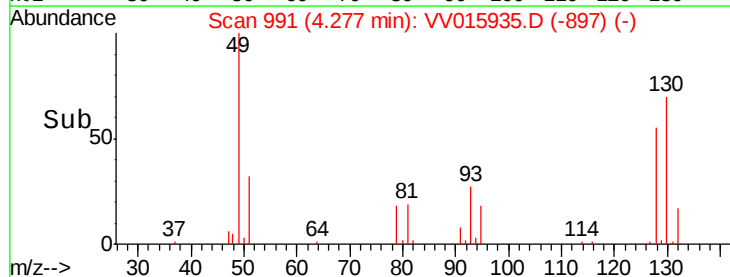
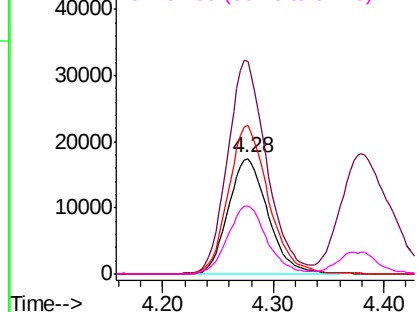
#23

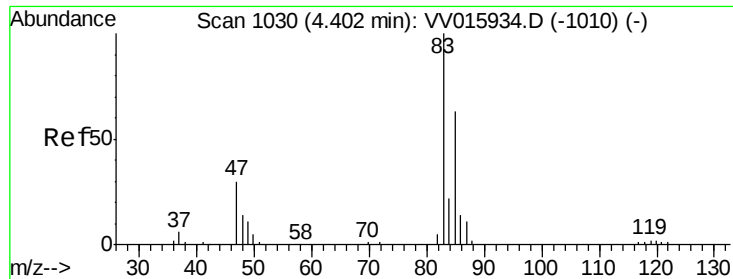
Bromochloromethane
Concen: 10.351 ug/L
RT: 4.28 min Scan# 991
Delta R.T. 0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Tgt Ion: 128 Resp: 43587
Ion Ratio Lower Upper
128 100
49 184.3 131.3 243.8
130 128.0 91.8 170.4
51 59.1 48.8 73.2



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

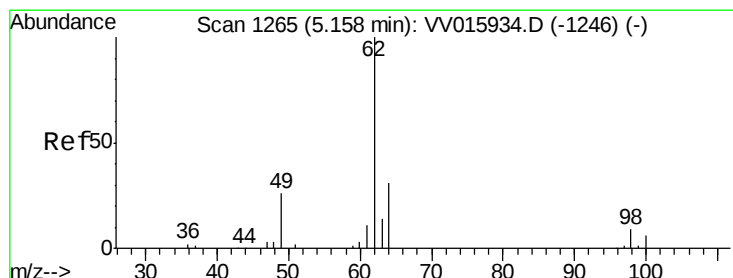
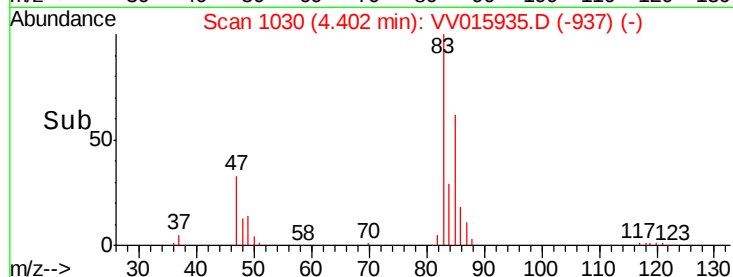
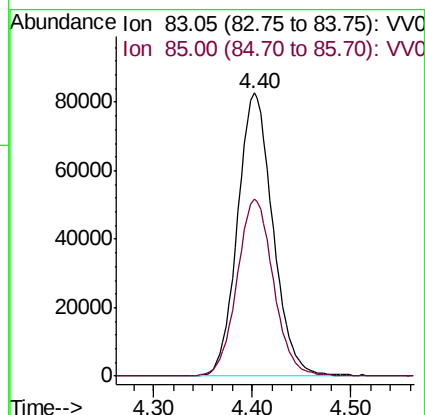
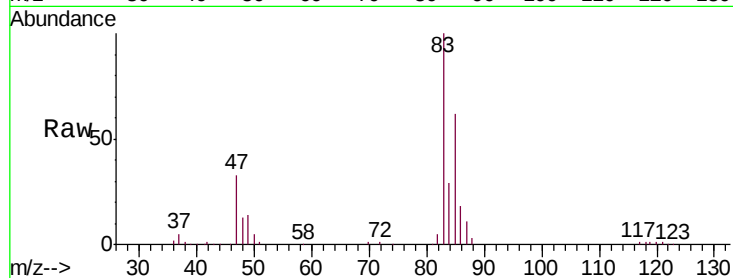




#25
Chloroform
Concen: 10.244 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

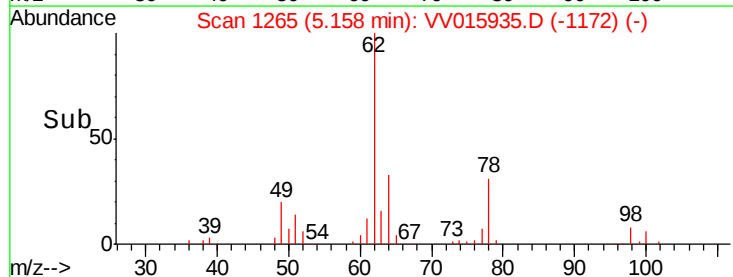
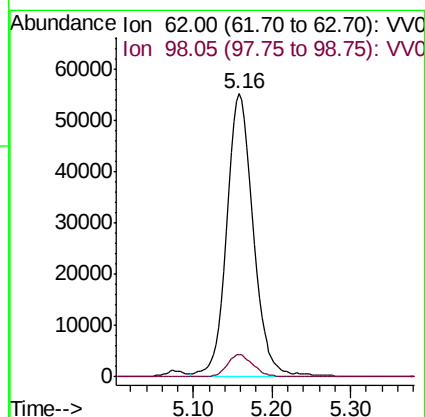
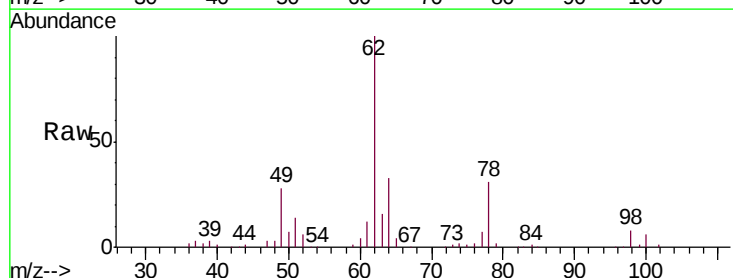
Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

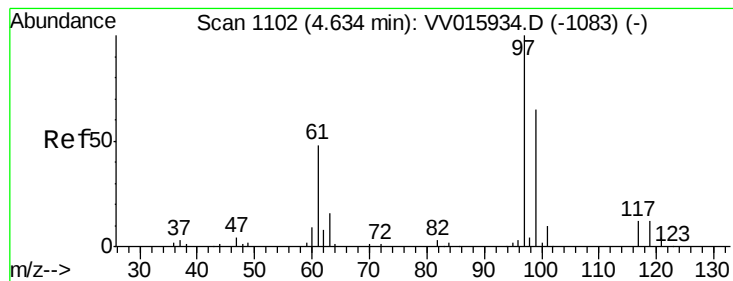
Tgt Ion: 83 Resp: 205205
Ion Ratio Lower Upper
83 100
85 62.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 10.411 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Tgt Ion: 62 Resp: 127723
Ion Ratio Lower Upper
62 100
98 8.1 6.7 10.1





#29

1,1,1-Trichloroethane

Concen: 10.300 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD01034

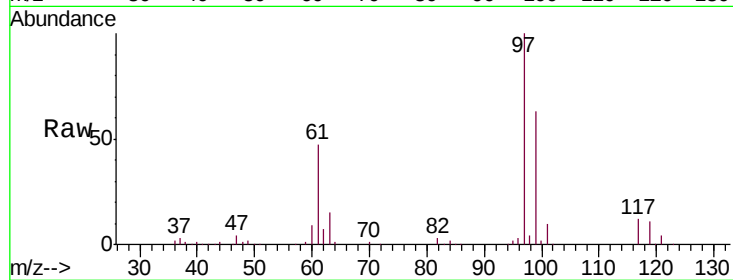
Tgt Ion: 97 Resp: 175340

Ion Ratio Lower Upper

97 100

99 63.1 50.7 76.1

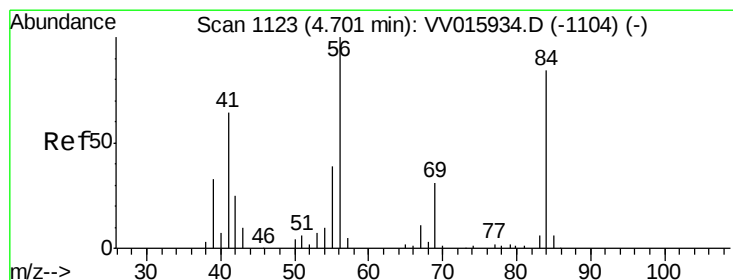
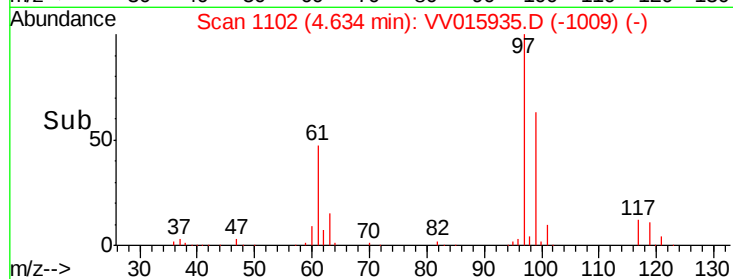
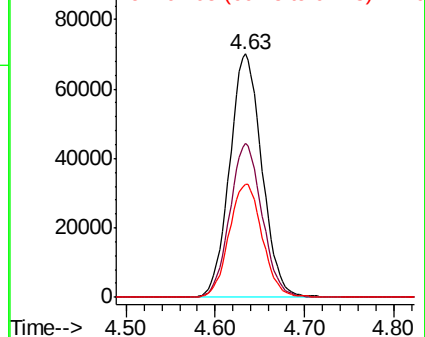
61 47.9 38.8 58.2



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 10.157 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

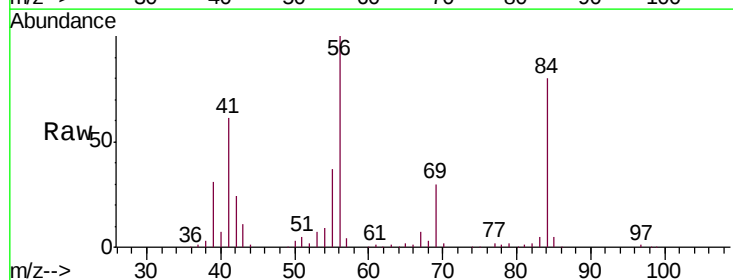
Tgt Ion: 56 Resp: 176454

Ion Ratio Lower Upper

56 100

69 29.8 24.2 36.2

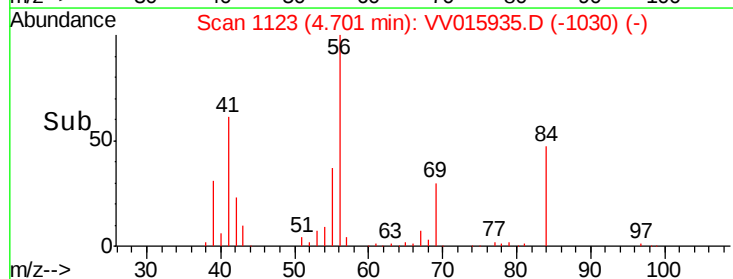
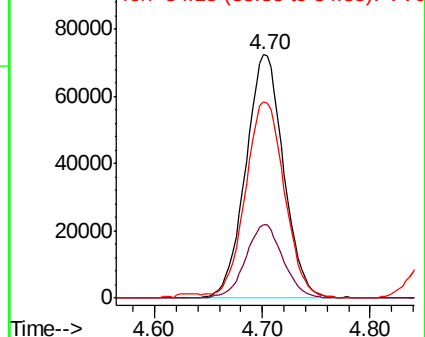
84 83.5 68.3 102.5

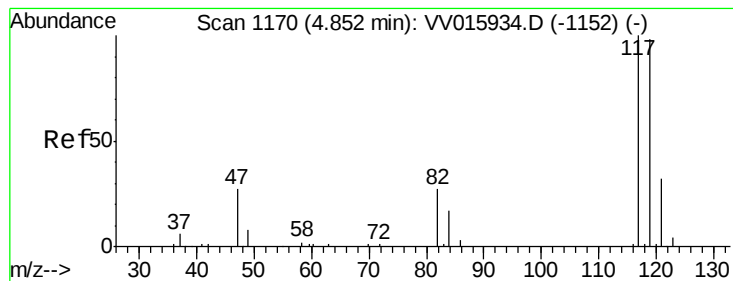


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 10.293 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

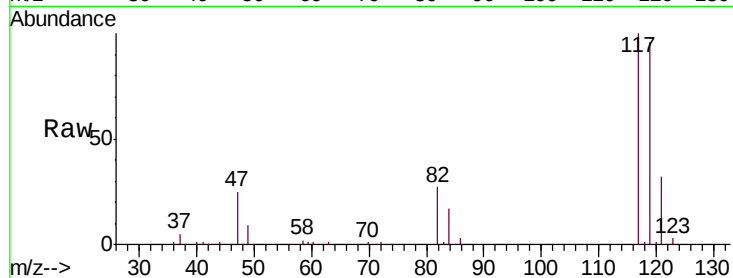
VSTD01034

Tgt Ion:117 Resp: 150600

Ion Ratio Lower Upper

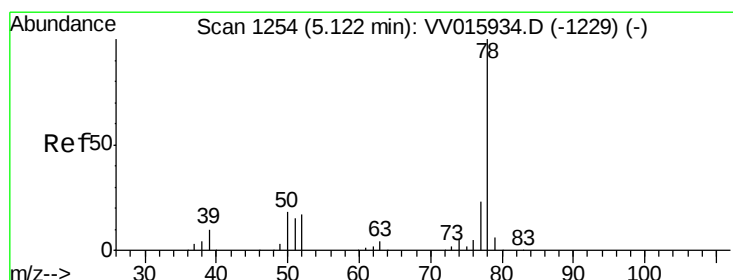
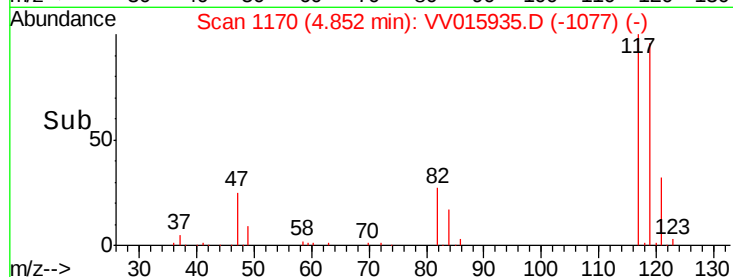
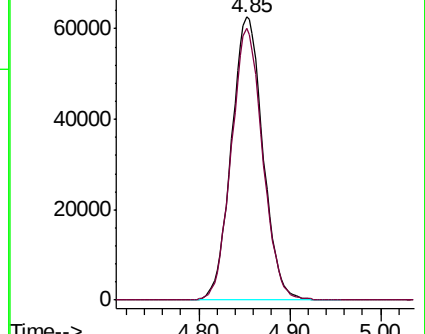
117 100

119 95.4 77.3 115.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 10.344 ug/L

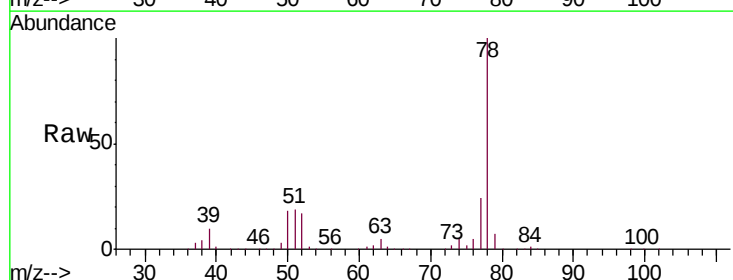
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

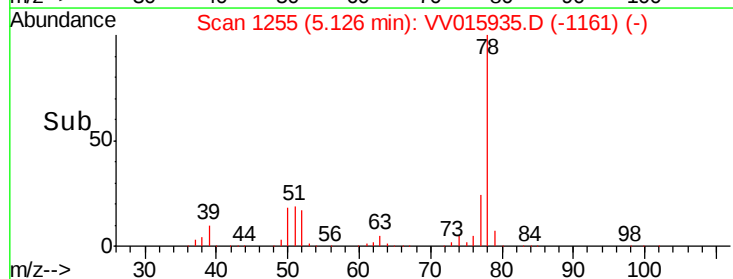
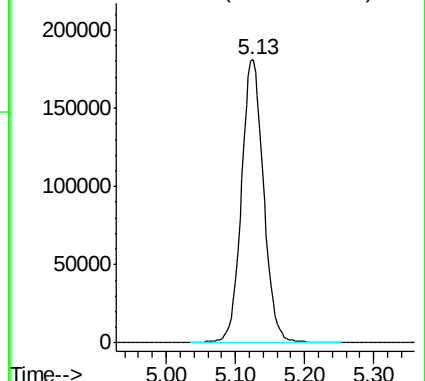
Lab File: VV015935.D

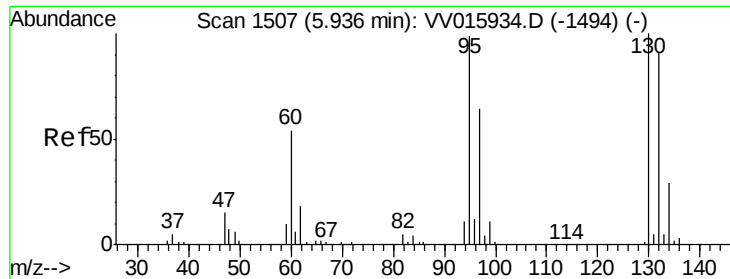
Acq: 07 May 2020 11:19

Tgt Ion: 78 Resp: 403687



Abundance Ion 78.10 (77.80 to 78.80): VV0

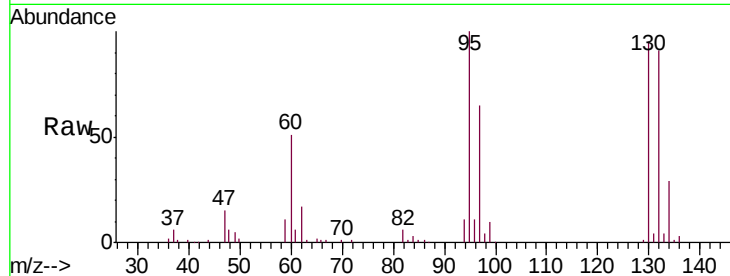




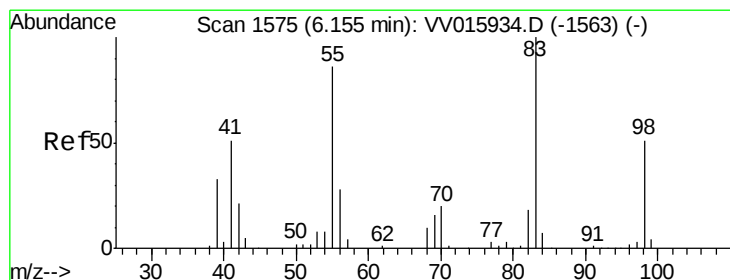
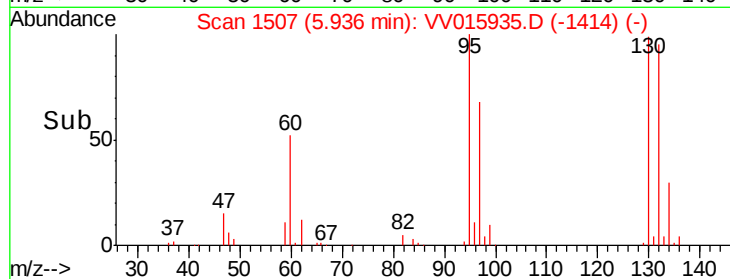
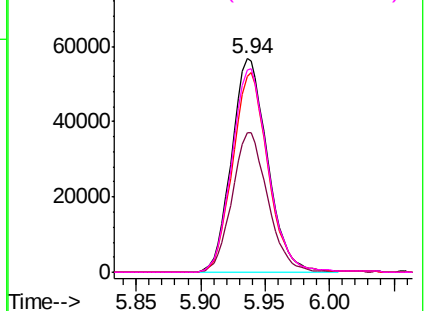
#34
 Trichloroethene
 Concen: 10.317 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Tgt Ion: 95 Resp: 110091
 Ion Ratio Lower Upper
 95 100
 97 65.1 43.3 80.5
 132 91.4 60.3 112.1
 130 94.7 66.0 122.6

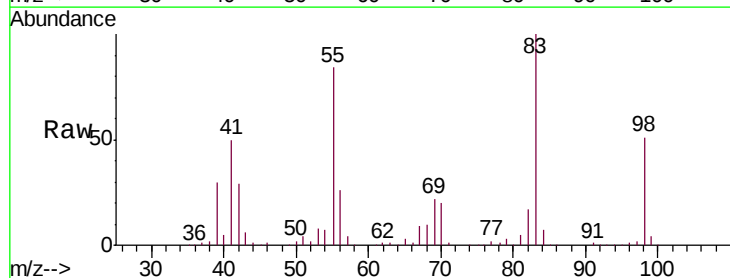


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

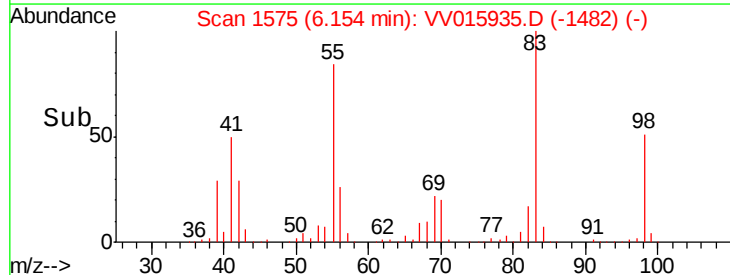
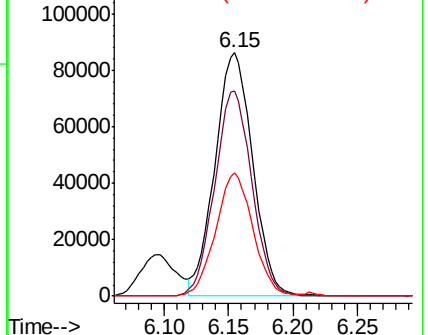


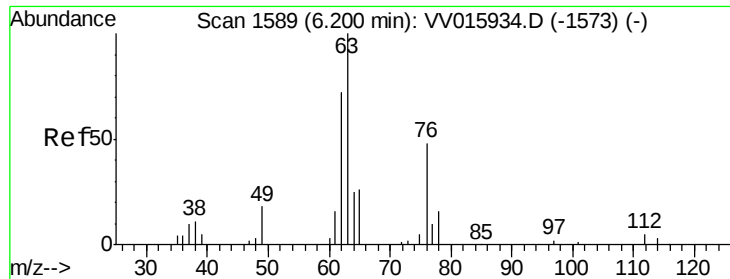
#35
 Methylcyclohexane
 Concen: 10.131 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Tgt Ion: 83 Resp: 175545
 Ion Ratio Lower Upper
 83 100
 55 83.1 66.2 99.2
 98 49.9 37.9 56.9



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

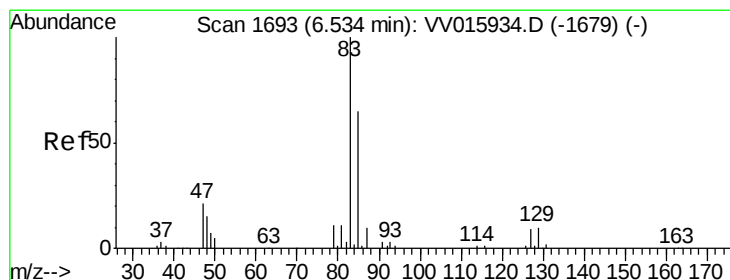
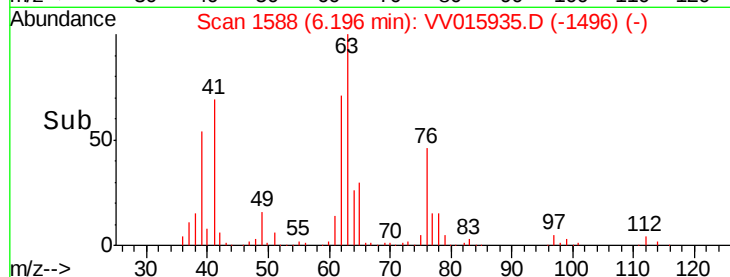
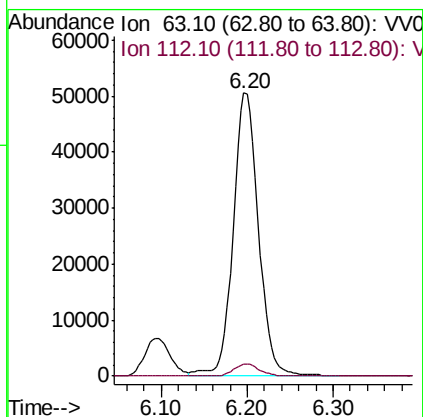
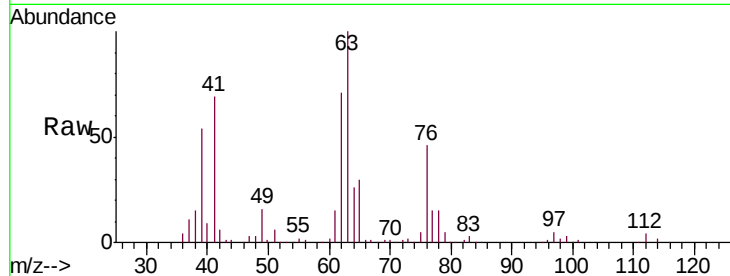




#37
 1,2-Dichloropropane
 Concen: 10.581 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

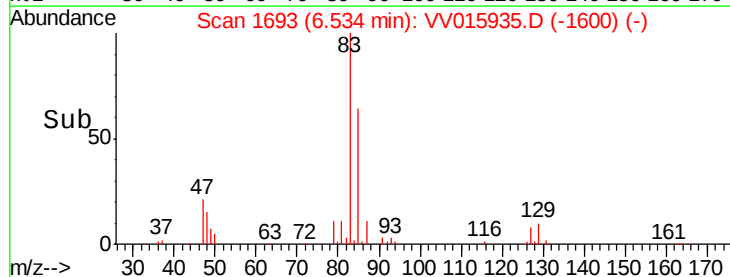
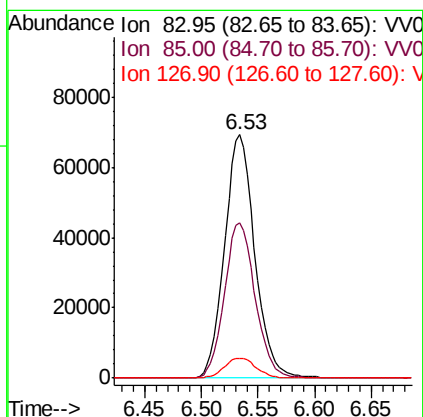
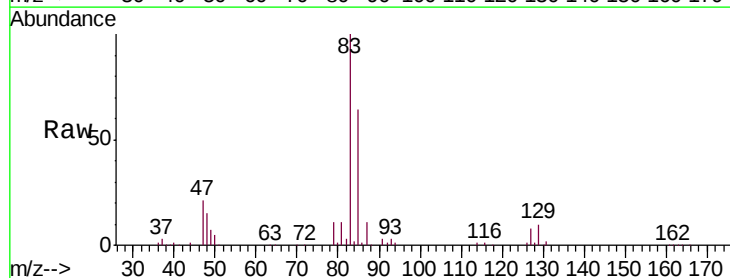
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

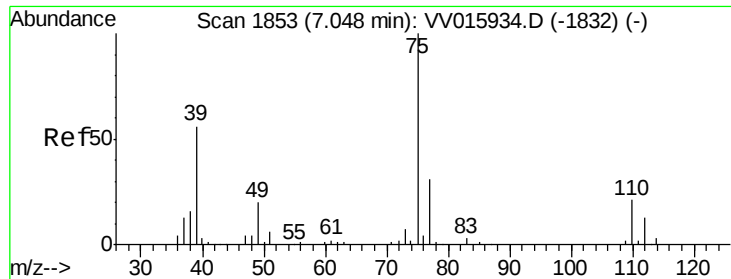
Tgt Ion: 63 Resp: 102573
 Ion Ratio Lower Upper
 63 100
 112 4.3 3.4 5.0



#38
 Bromodichloromethane
 Concen: 10.472 ug/L
 RT: 6.53 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Tgt Ion: 83 Resp: 128944
 Ion Ratio Lower Upper
 83 100
 85 63.9 45.5 84.5
 127 8.3 6.2 9.4

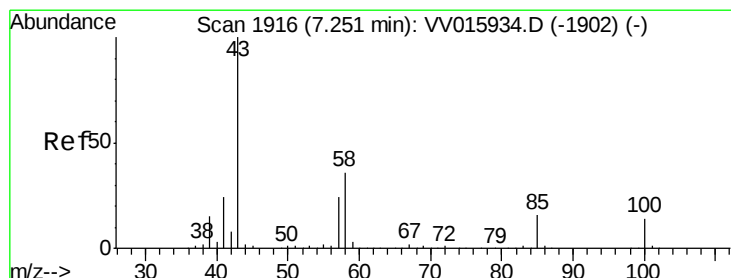
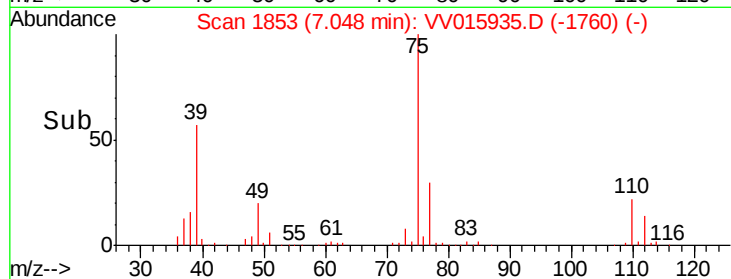
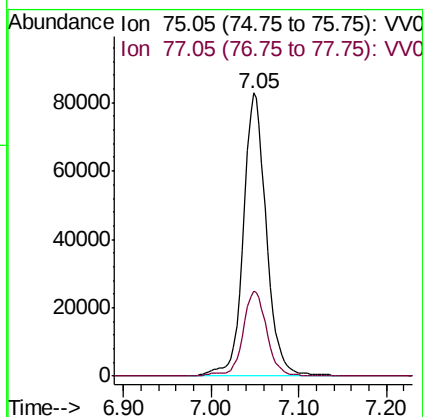
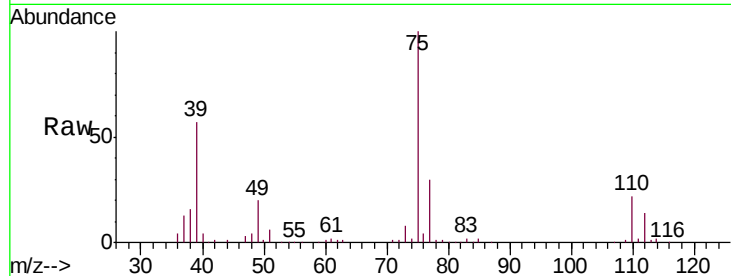




#39
 cis-1,3-Dichloropropene
 Concen: 10.980 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

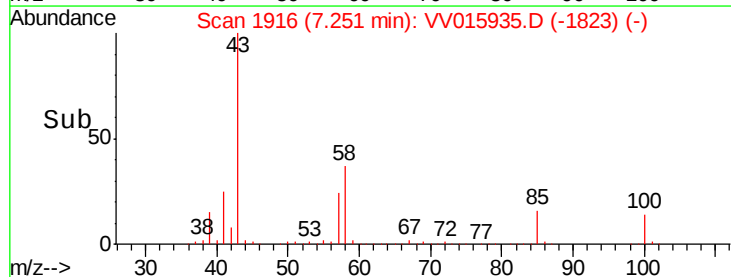
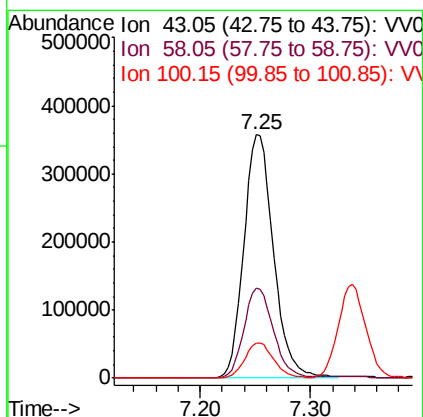
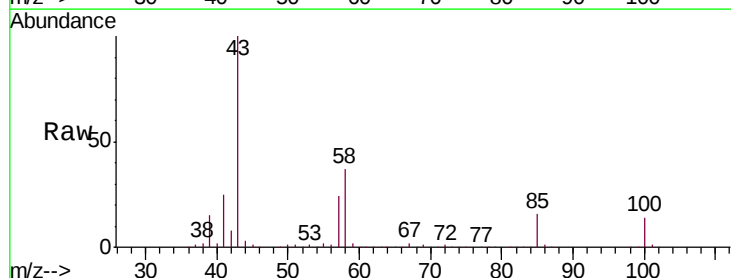
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

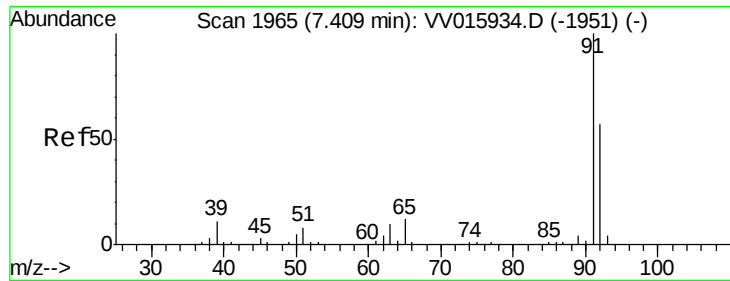
Tgt Ion: 75 Resp: 151261
 Ion Ratio Lower Upper
 75 100
 77 30.0 21.3 39.5



#40
 4-Methyl-2-pentanone
 Concen: 107.593 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Tgt Ion: 43 Resp: 665985
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.0 43.4
 100 14.2 10.9 16.3





#42

Toluene

Concen: 10.422 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

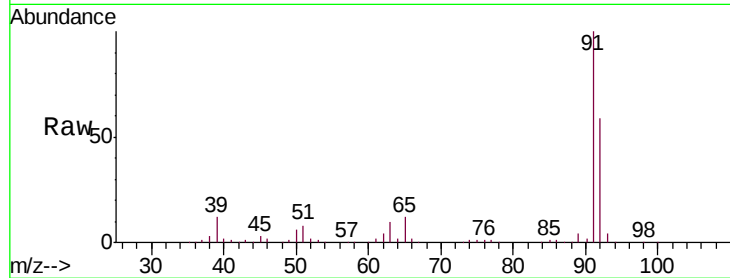
VSTD01034

Tgt Ion: 91 Resp: 434074

Ion Ratio Lower Upper

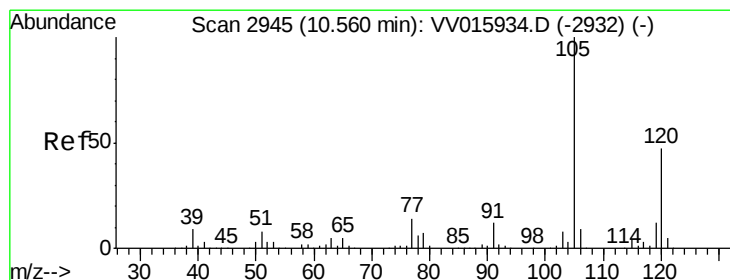
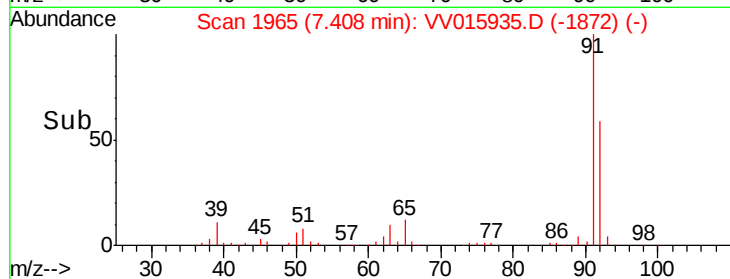
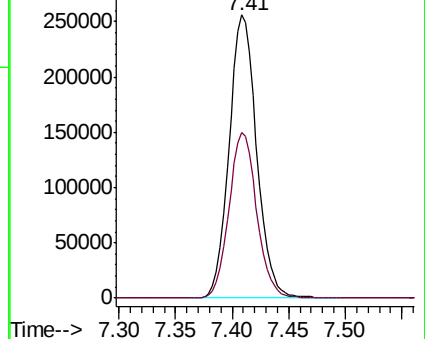
91 100

92 58.6 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV015934.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV015934.D (-1951) (-)



#43

1,3,5-Trimethylbenzene

Concen: 10.983 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. -0.00 min

Lab File: VV015935.D

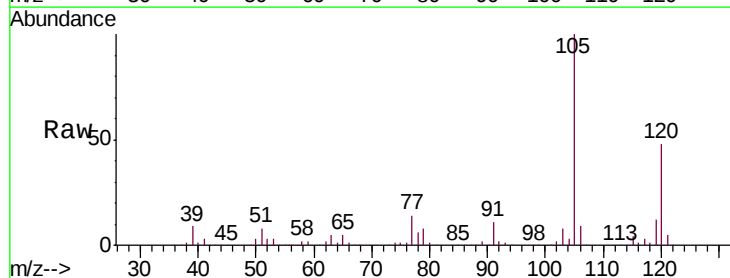
Acq: 07 May 2020 11:19

Tgt Ion: 105 Resp: 423456

Ion Ratio Lower Upper

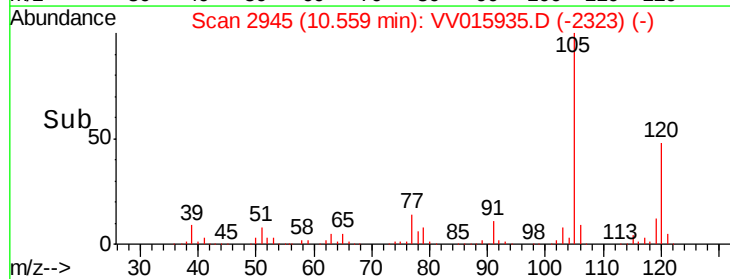
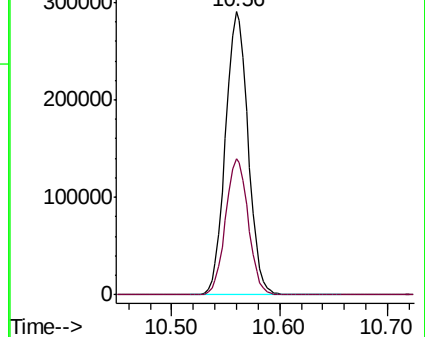
105 100

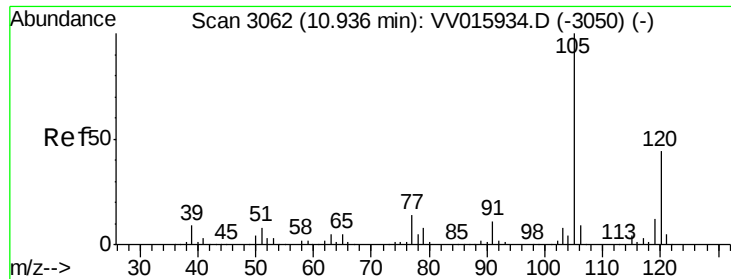
120 48.3 0.0 0.0#



Abundance Ion 105.00 (104.70 to 105.70): VV015934.D (-2932) (-)

Ion 120.00 (119.70 to 120.70): VV015934.D (-2932) (-)

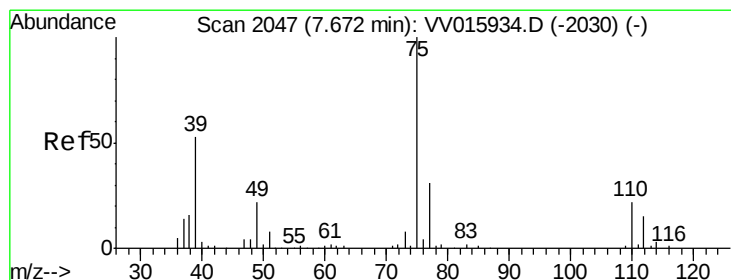
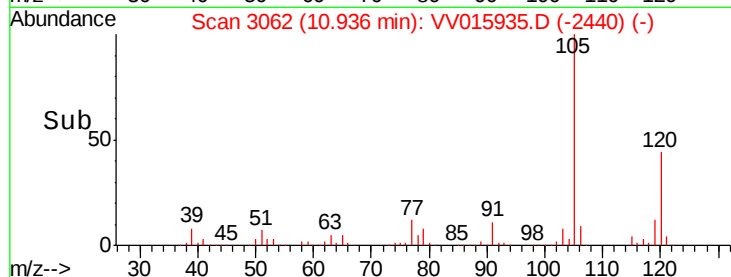
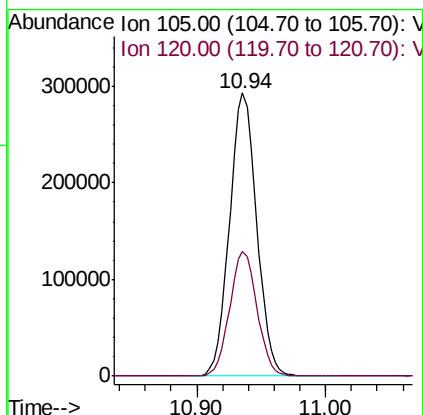
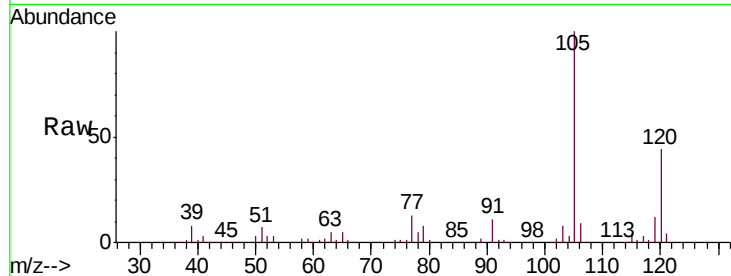




#44
1,2,4-Trimethylbenzene
Concen: 10.958 ug/L
RT: 10.94 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

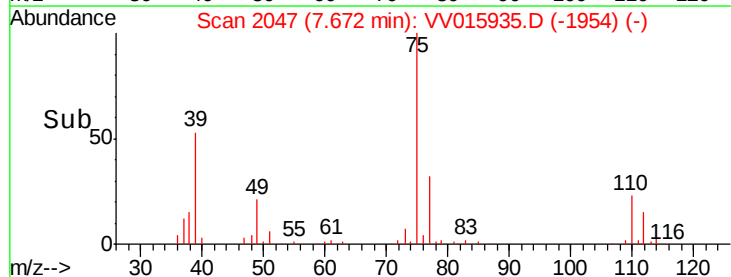
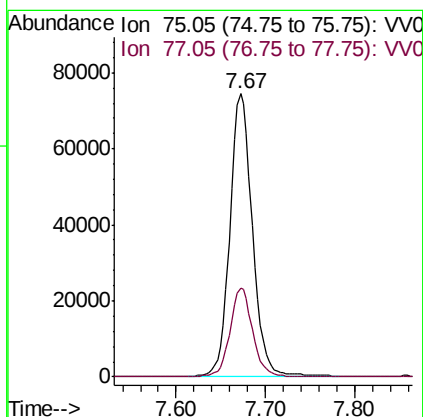
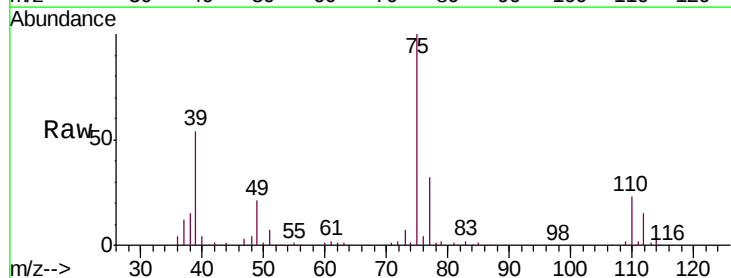
Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

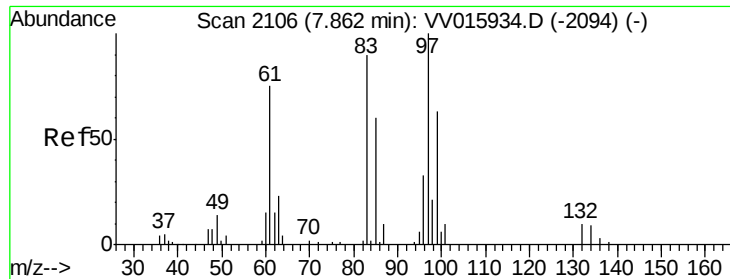
Tgt Ion: 105 Resp: 427780
Ion Ratio Lower Upper
105 100
120 44.5 0.0 0.0#



#46
trans-1,3-Dichloropropene
Concen: 11.243 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Tgt Ion: 75 Resp: 130921
Ion Ratio Lower Upper
75 100
77 31.6 21.3 39.6

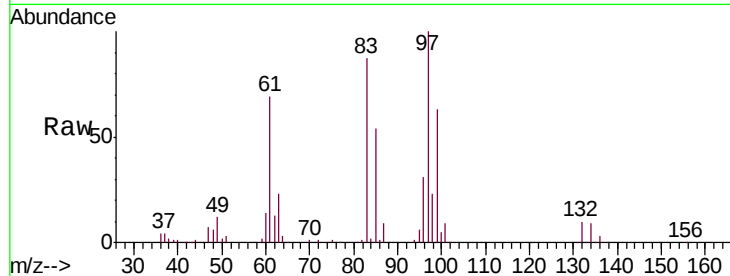




#47
 1,1,2-Trichloroethane
 Concen: 10.381 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Tgt Ion:	97	Resp:	67685
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.1	78.1
83	86.7	59.2	110.0
85	54.4	38.6	71.8



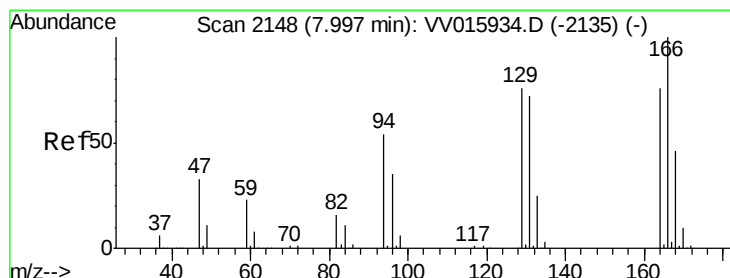
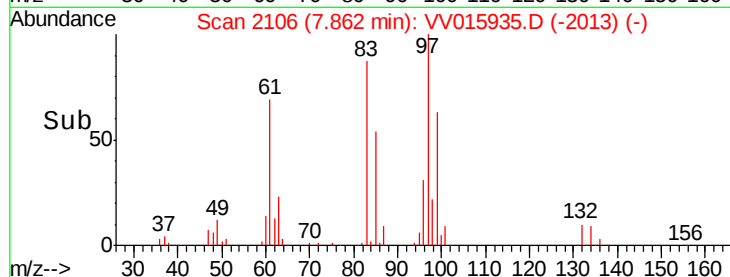
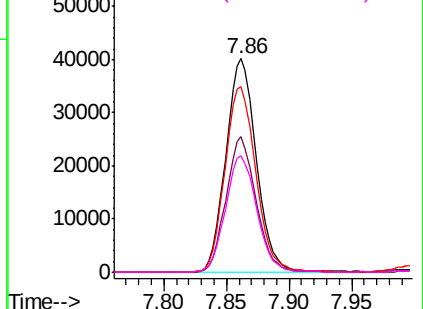
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

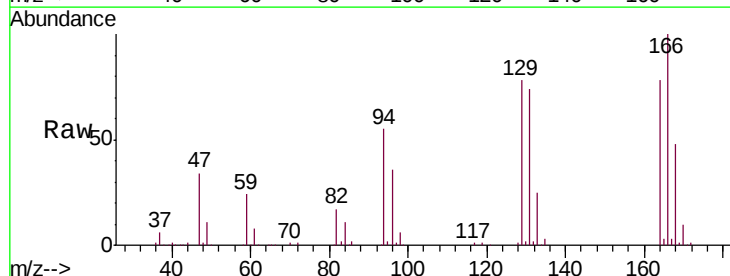
Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#49
 Tetrachloroethene
 Concen: 10.137 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Tgt Ion:	164	Resp:	80171
Ion	Ratio	Lower	Upper
164	100		
129	99.4	69.7	129.4
131	94.0	66.8	124.2
166	127.7	89.1	165.5



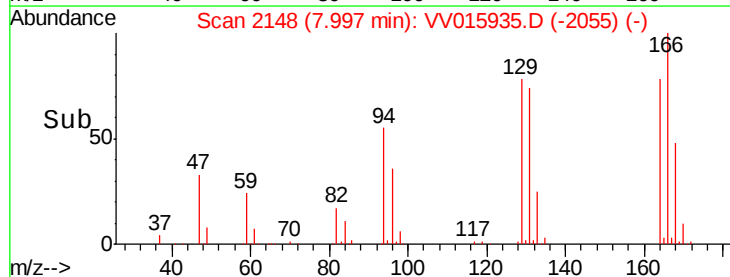
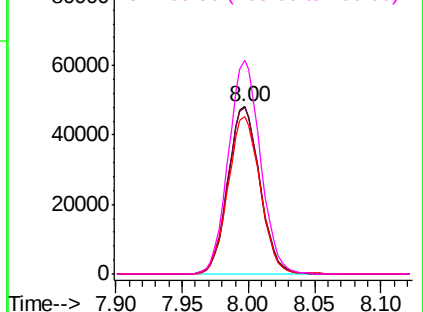
Abundance

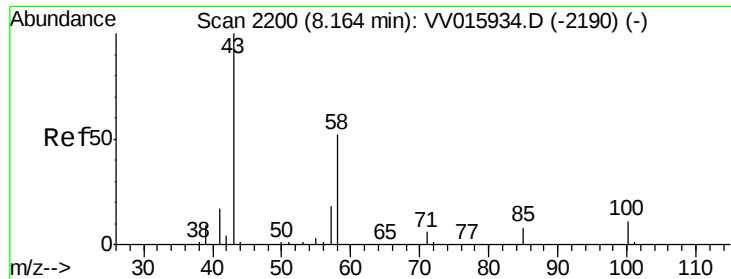
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

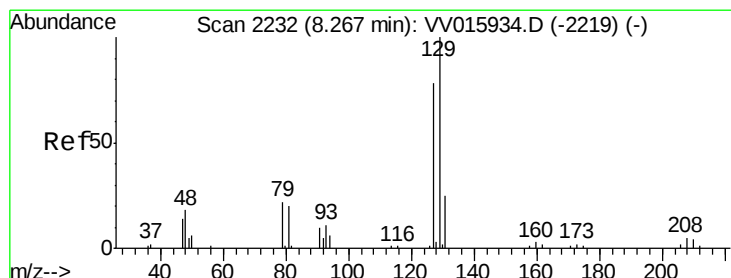
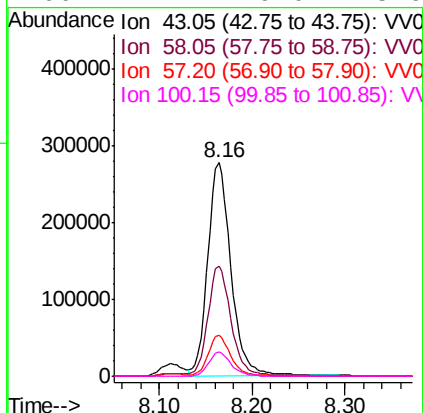
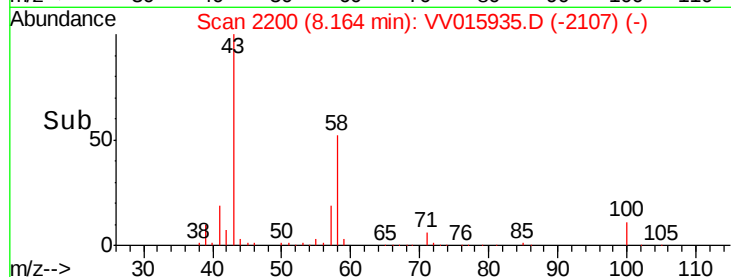
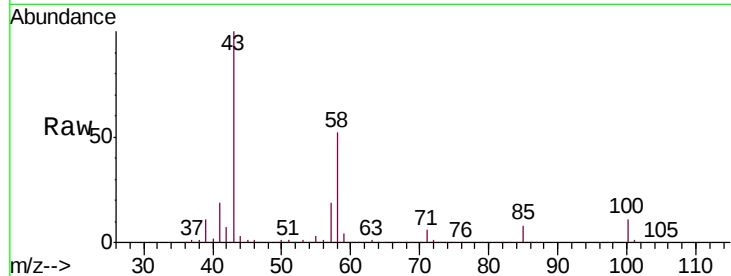




#50
2-Hexanone
Concen: 110.761 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

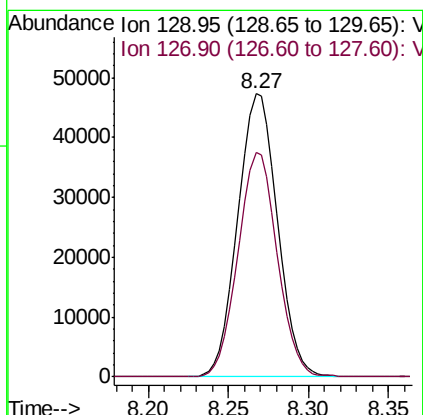
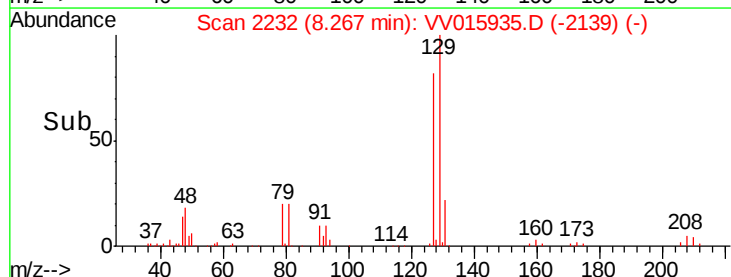
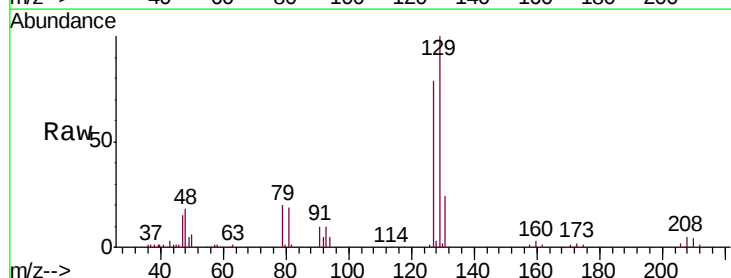
Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

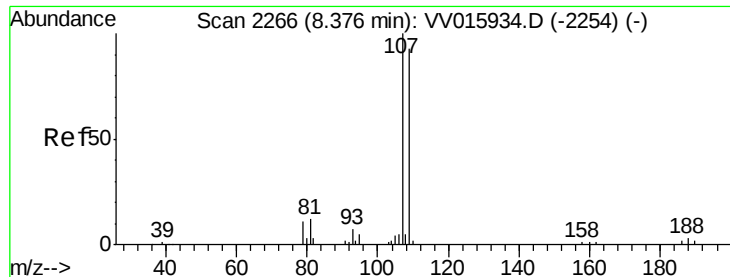
Tgt Ion: 43 Resp: 482130
Ion Ratio Lower Upper
43 100
58 51.7 40.8 61.2
57 18.6 14.7 22.1
100 11.2 9.0 13.6



#51
Dibromochloromethane
Concen: 11.144 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Tgt Ion: 129 Resp: 79963
Ion Ratio Lower Upper
129 100
127 79.2 56.0 104.0

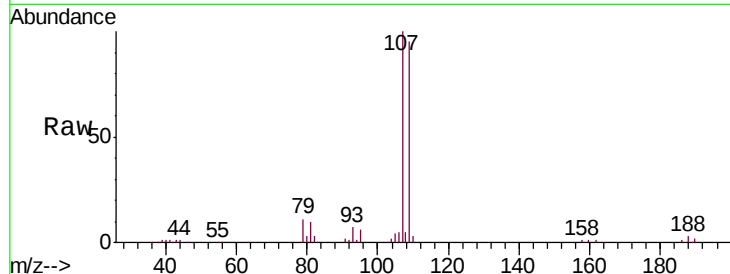




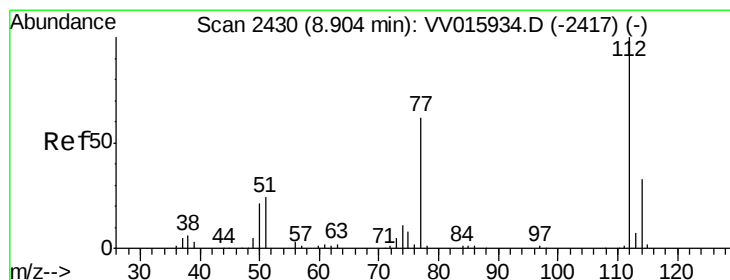
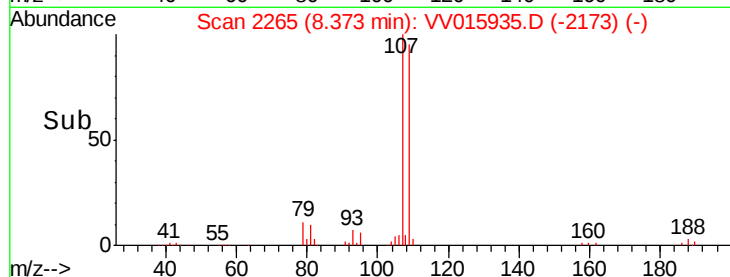
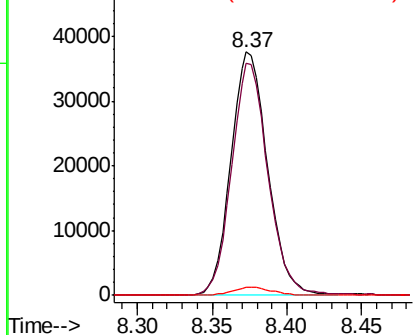
#52
 1,2-Dibromoethane
 Concen: 10.271 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Tgt Ion:107 Resp: 64063
 Ion Ratio Lower Upper
 107 100
 109 95.1 68.9 127.9
 188 3.4 2.7 4.1

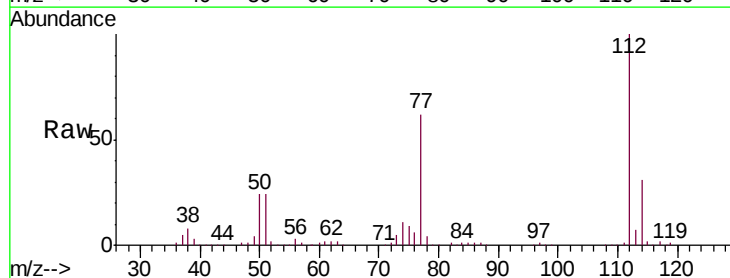


Abundance Ion 106.95 (106.65 to 107.65): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 187.90 (187.60 to 188.60): V

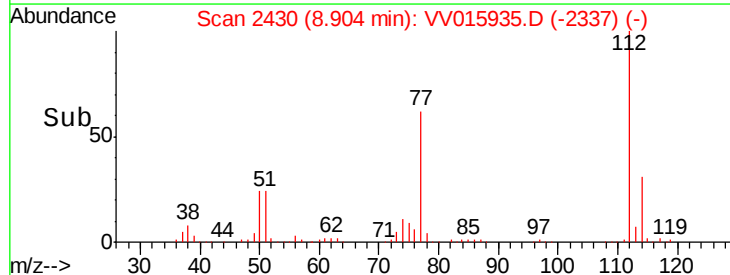
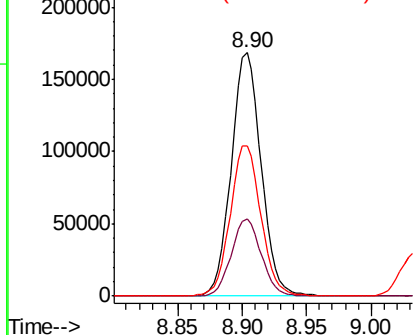


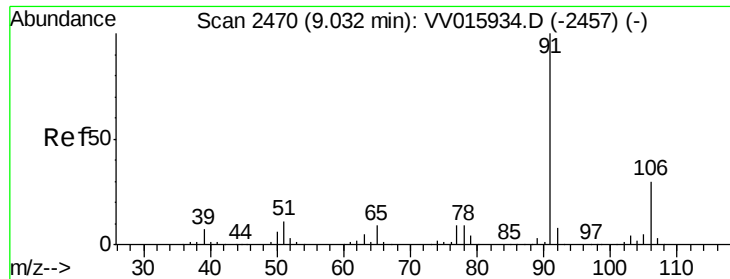
#53
 Chlorobenzene
 Concen: 10.235 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Tgt Ion:112 Resp: 271655
 Ion Ratio Lower Upper
 112 100
 114 31.5 21.6 40.0
 77 61.9 48.6 73.0



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





#54

Ethylbenzene

Concen: 10.578 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

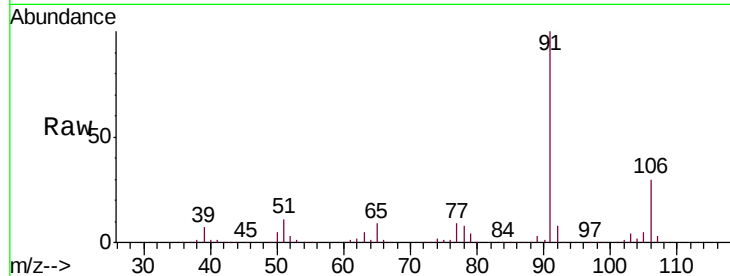
VSTD01034

Tgt Ion: 91 Resp: 499534

Ion Ratio Lower Upper

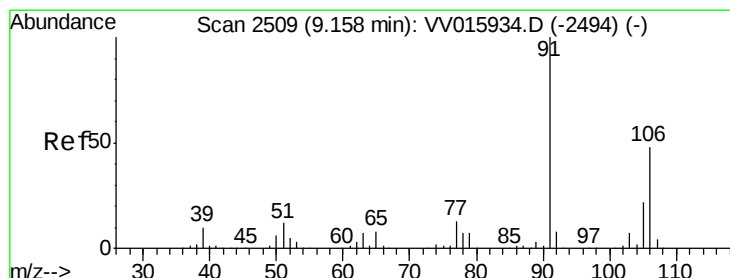
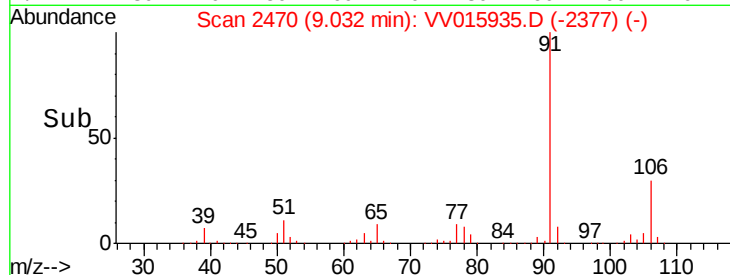
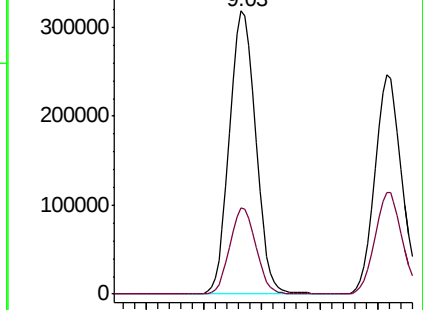
91 100

106 30.3 20.6 38.4



Abundance Ion 91.15 (90.85 to 91.85): VV015935.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV015935.D (-2457) (-)



#55

m,p-xylene

Concen: 10.622 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV015935.D

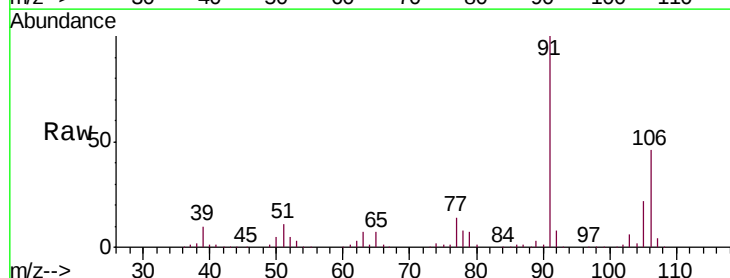
Acq: 07 May 2020 11:19

Tgt Ion: 106 Resp: 188174

Ion Ratio Lower Upper

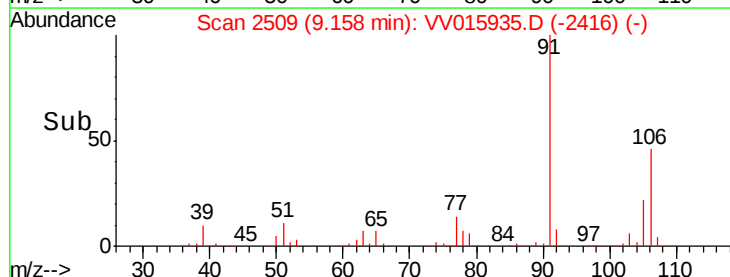
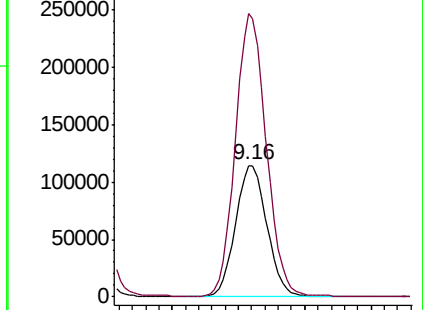
106 100

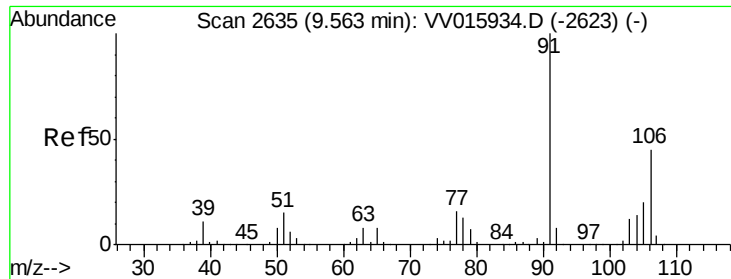
91 215.2 149.9 278.3



Abundance Ion 106.15 (105.85 to 106.85): VV015935.D (-2494) (-)

Ion 91.15 (90.85 to 91.85): VV015935.D (-2494) (-)

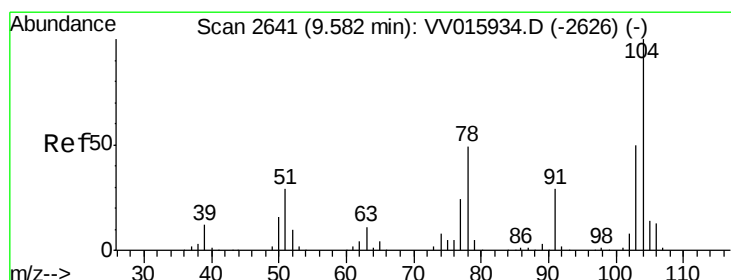
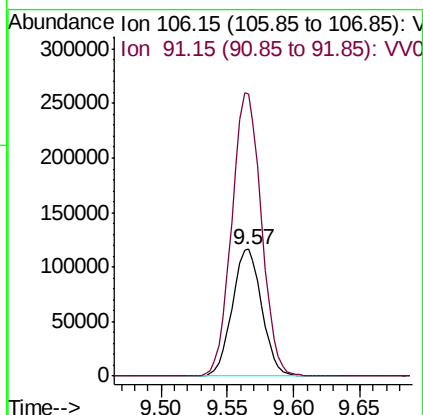
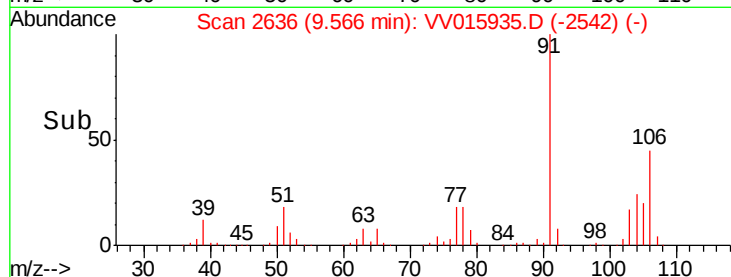
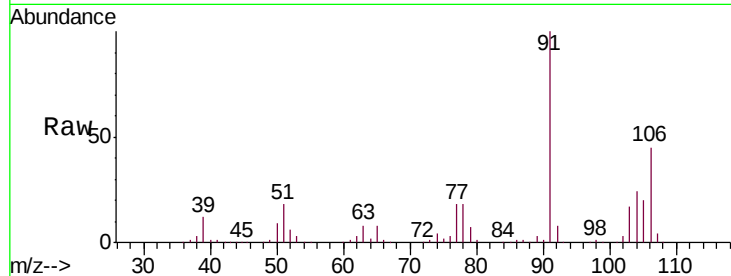




#56
o-xylene
Concen: 10.748 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

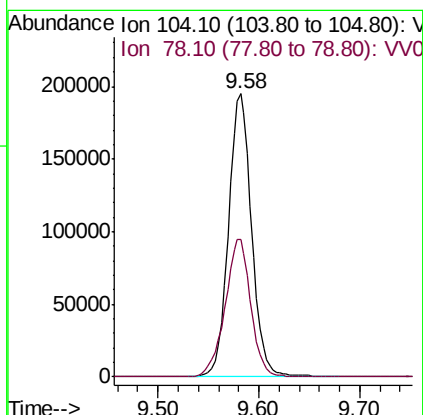
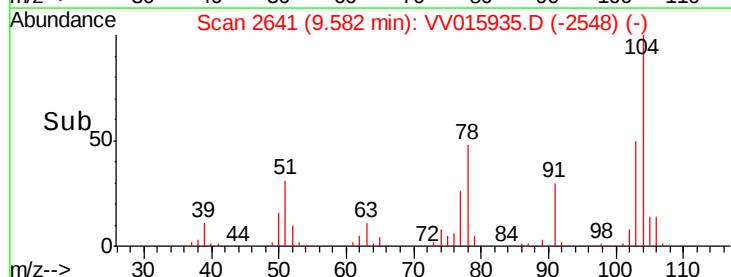
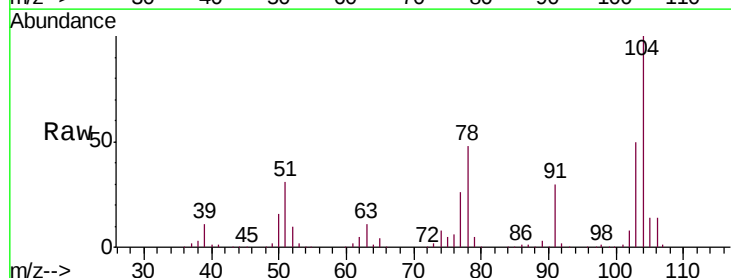
Instrument :
MSVOA_V
ClientSampleId :
VSTD01034

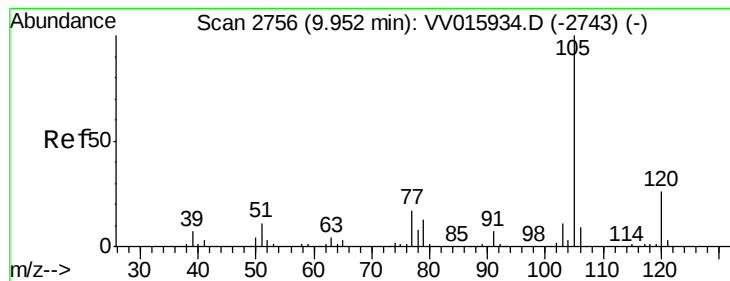
Tgt Ion:106 Resp: 180189
Ion Ratio Lower Upper
106 100
91 223.2 159.7 296.5



#57
Styrene
Concen: 11.037 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV015935.D
Acq: 07 May 2020 11:19

Tgt Ion:104 Resp: 311234
Ion Ratio Lower Upper
104 100
78 48.3 33.9 63.0





#58

Isopropylbenzene

Concen: 10.605 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD01034

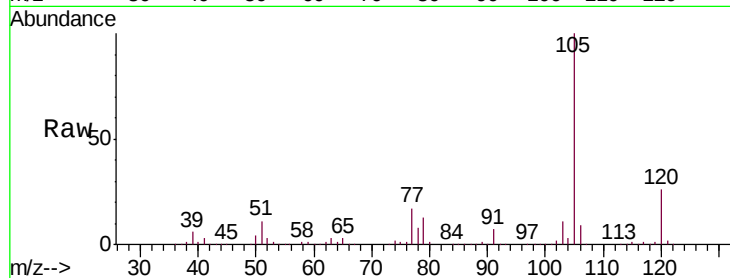
Tgt Ion: 105 Resp: 491168

Ion Ratio Lower Upper

105 100

120 25.7 20.8 31.2

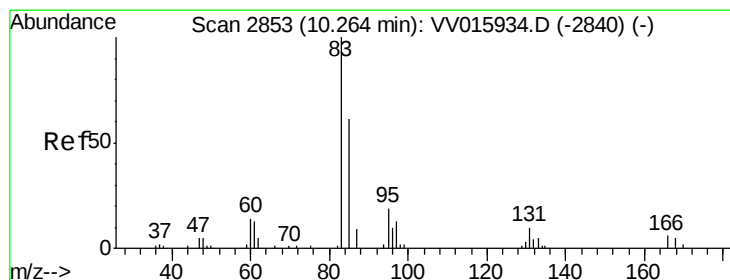
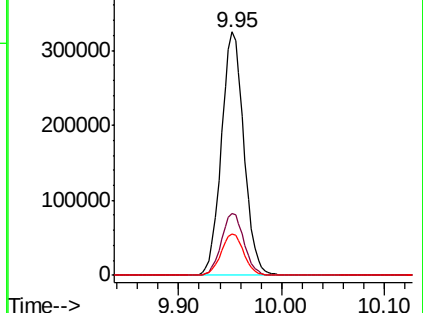
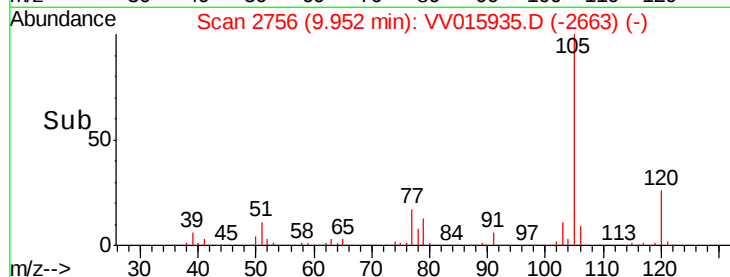
77 17.2 14.1 21.1



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



#60

1,1,2,2-Tetrachloroethane

Concen: 10.032 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

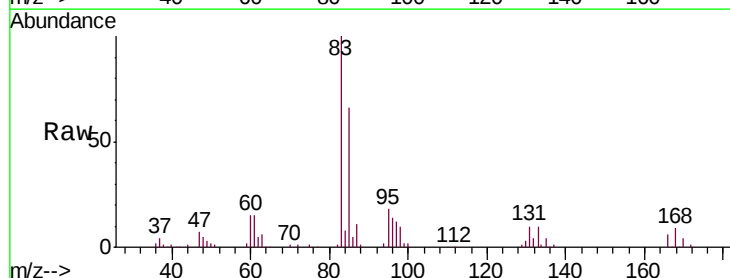
Tgt Ion: 83 Resp: 74838

Ion Ratio Lower Upper

83 100

85 66.3 44.0 81.6

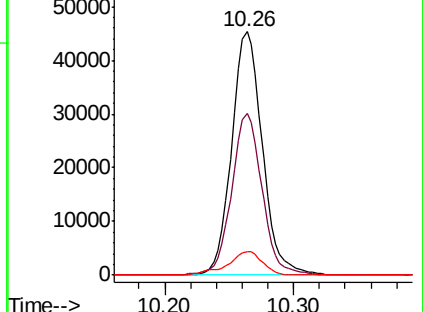
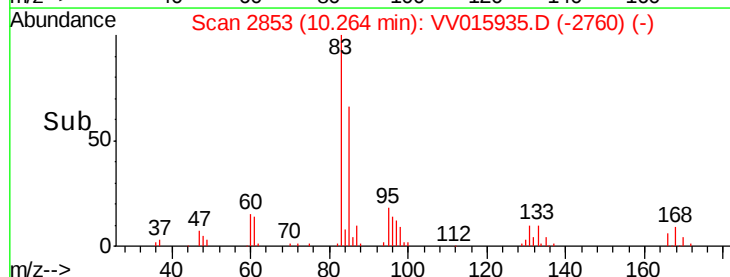
131 9.7 7.7 11.5

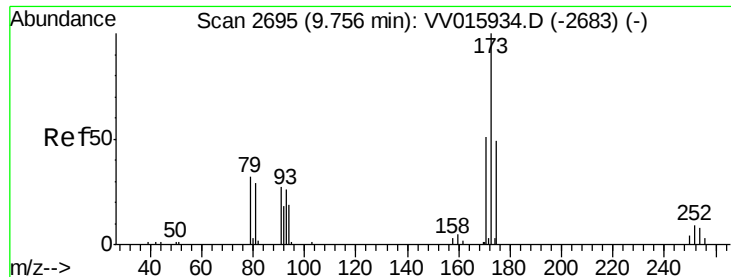


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 11.868 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD01034

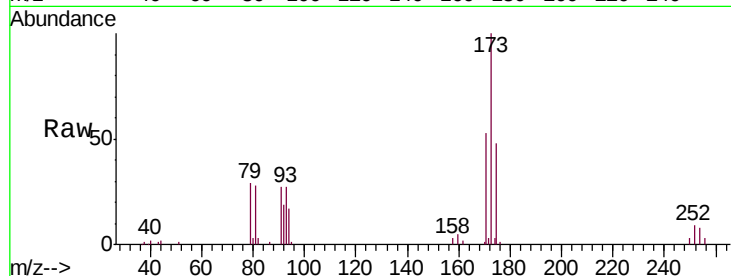
Tgt Ion:173 Resp: 39360

Ion Ratio Lower Upper

173 100

175 47.7 39.8 59.8

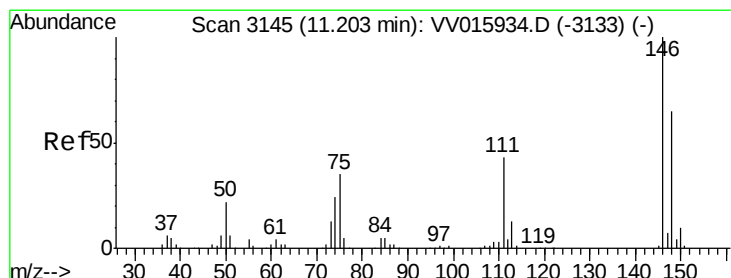
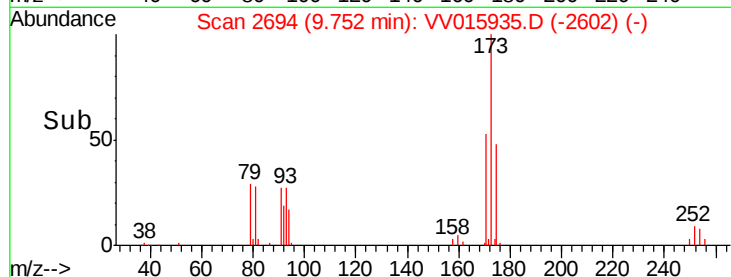
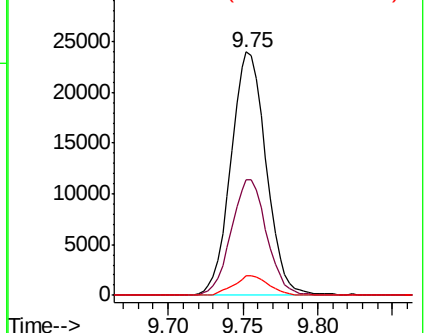
254 8.1 7.1 10.7



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 10.158 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

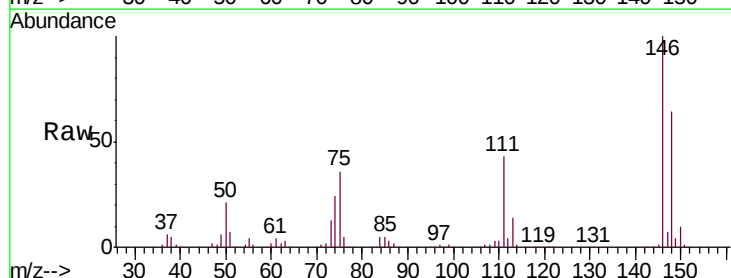
Tgt Ion:146 Resp: 219790

Ion Ratio Lower Upper

146 100

111 42.7 28.7 53.3

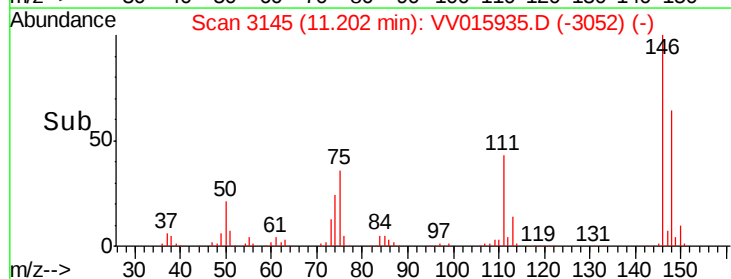
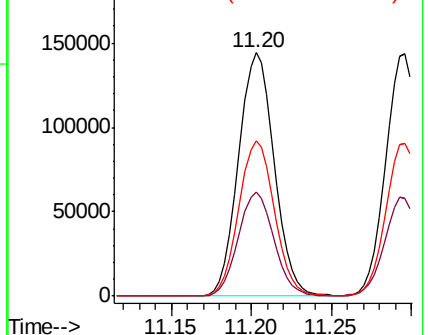
148 63.7 44.0 81.8

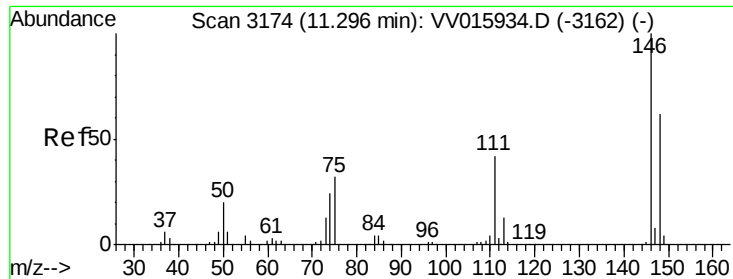


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 10.285 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD01034

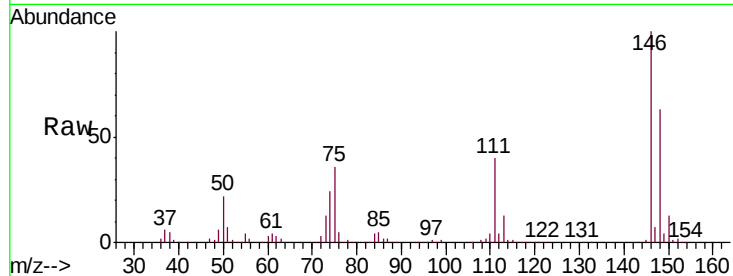
Tgt Ion:146 Resp: 219572

Ion Ratio Lower Upper

146 100

111 40.5 28.9 53.7

148 63.4 44.6 82.8

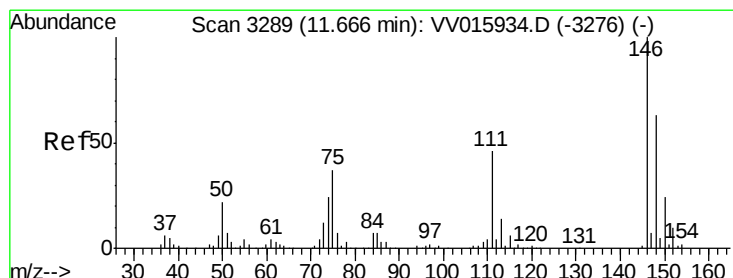
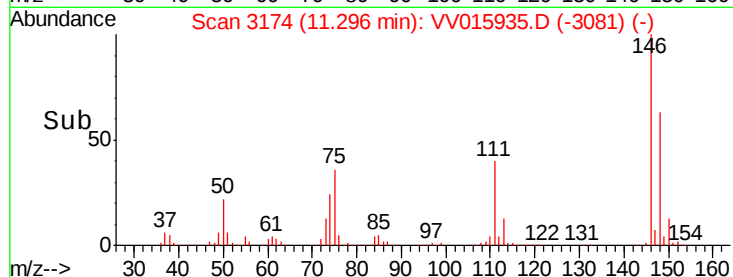
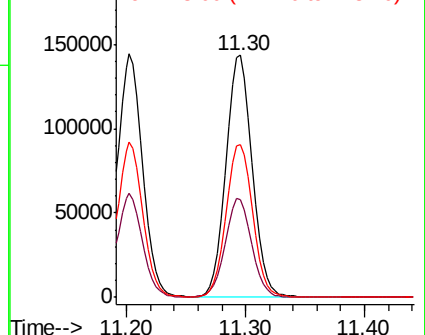


Abundance

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-Dichlorobenzene

Concen: 10.314 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

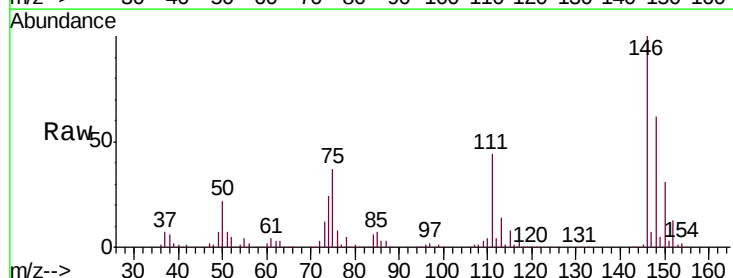
Tgt Ion:146 Resp: 201564

Ion Ratio Lower Upper

146 100

111 44.1 37.0 55.4

148 62.4 49.8 74.6

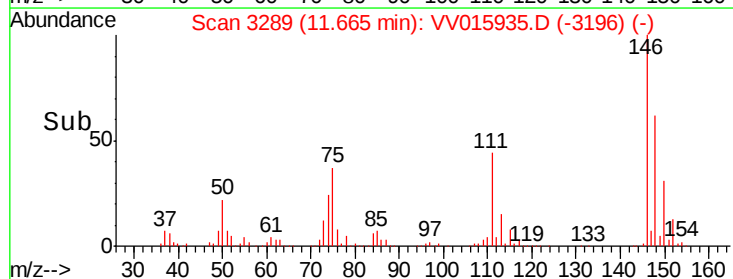
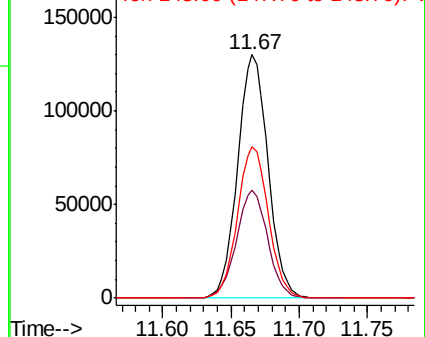


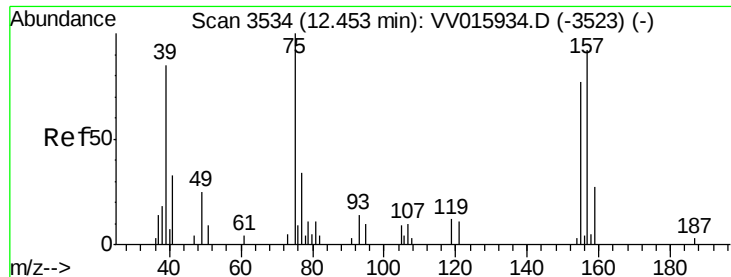
Abundance

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





#67

1,2-Dibromo-3-chloropropane

Concen: 9.899 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD01034

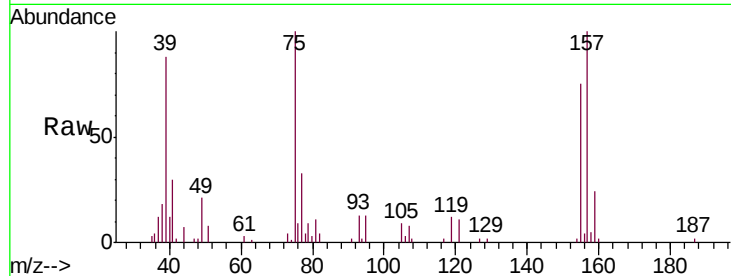
Tgt Ion: 75 Resp: 13349

Ion Ratio Lower Upper

75 100

155 75.7 58.2 87.4

157 100.5 79.4 119.2

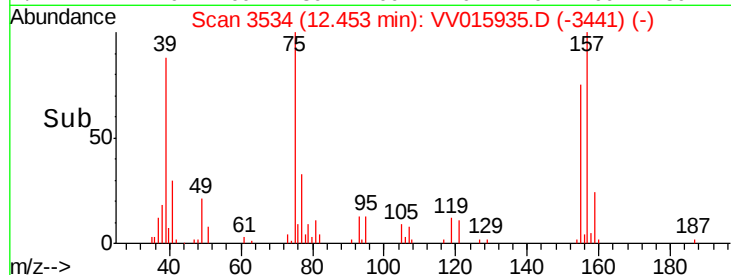


Abundance Ion 75.05 (74.75 to 75.75): VV015935.D (-3441) (-)

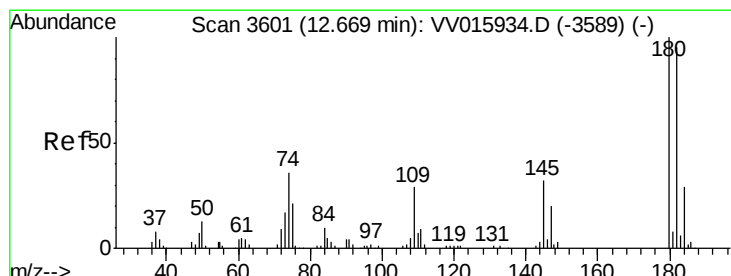
Ion 154.95 (154.65 to 155.65): VV015935.D (-3441) (-)

Ion 156.90 (156.60 to 157.60): VV015935.D (-3441) (-)

Time-->



Time-->



#68

1,3,5-Trichlorobenzene

Concen: 10.327 ug/L

RT: 12.67 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VV015935.D

Acq: 07 May 2020 11:19

Tgt Ion: 180 Resp: 165150

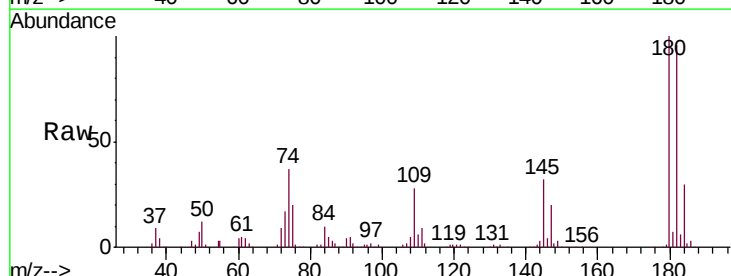
Ion Ratio Lower Upper

180 100

182 95.3 75.8 113.6

184 29.7 24.6 36.8

145 31.8 26.0 39.0



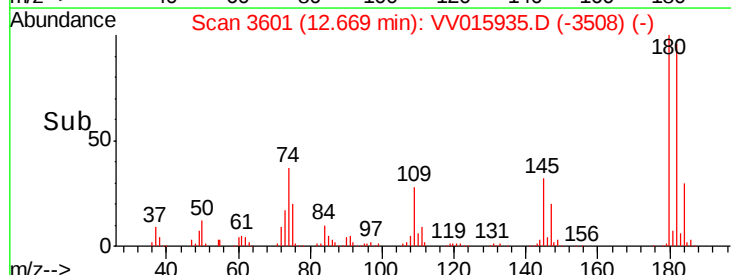
Abundance Ion 180.00 (179.70 to 180.70): VV015935.D (-3508) (-)

Ion 182.00 (181.70 to 182.70): VV015935.D (-3508) (-)

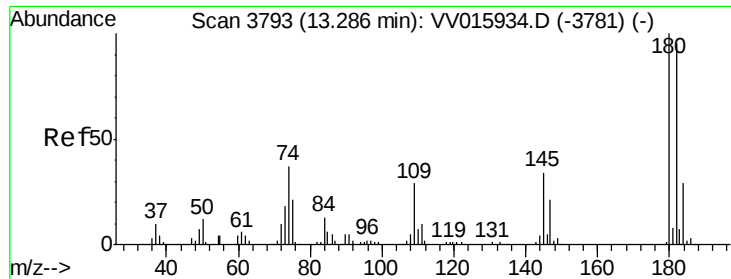
Ion 184.00 (183.70 to 184.70): VV015935.D (-3508) (-)

Ion 145.00 (144.70 to 145.70): VV015935.D (-3508) (-)

Time-->



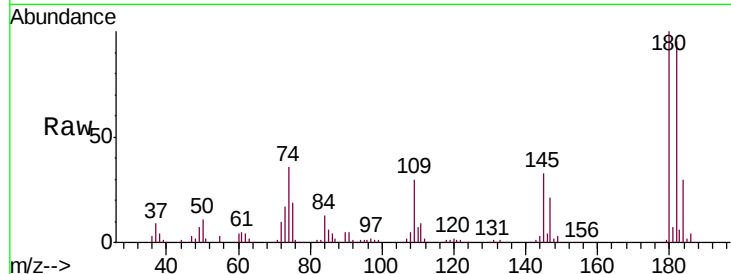
Time-->



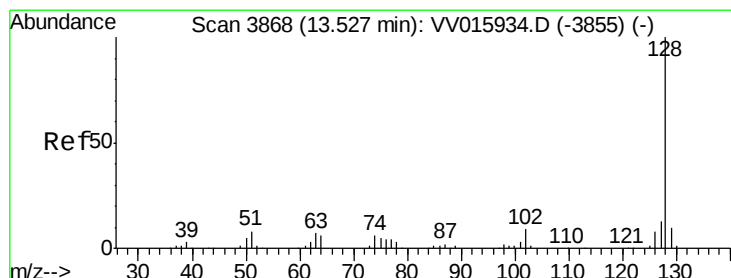
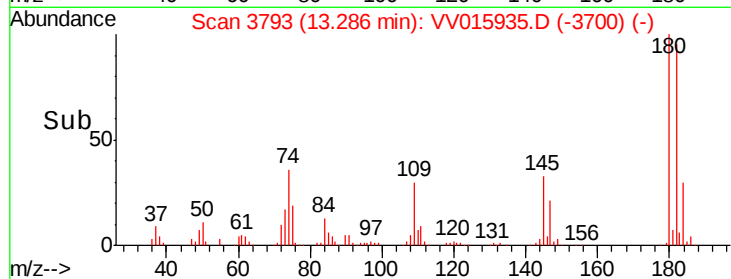
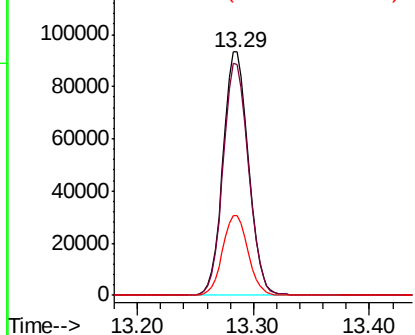
#69
 1,2,4-trichlorobenzene
 Concen: 10.542 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Tgt Ion	Resp	Lower	Upper
180	141836		
182	95.2	76.7	115.1
145	32.8	26.4	39.6

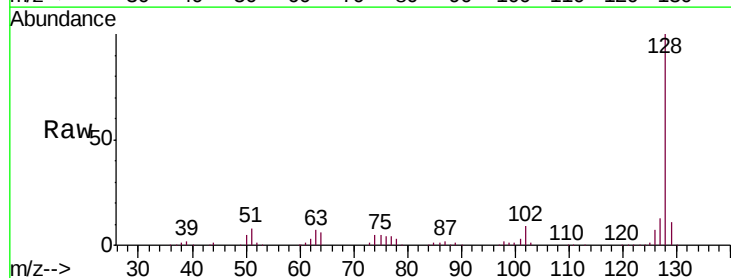


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

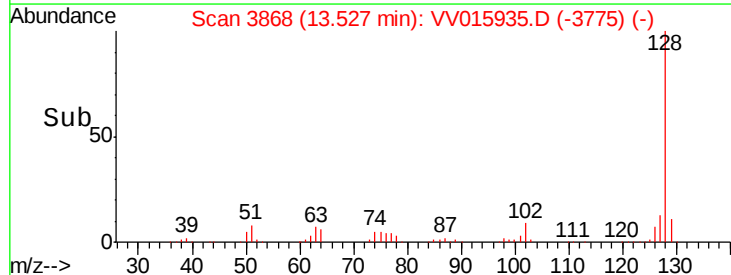
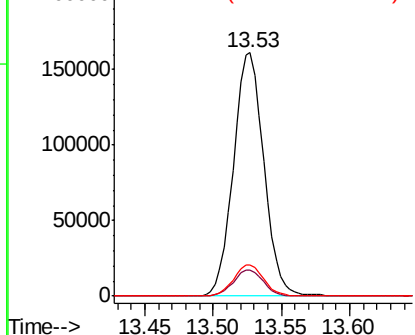


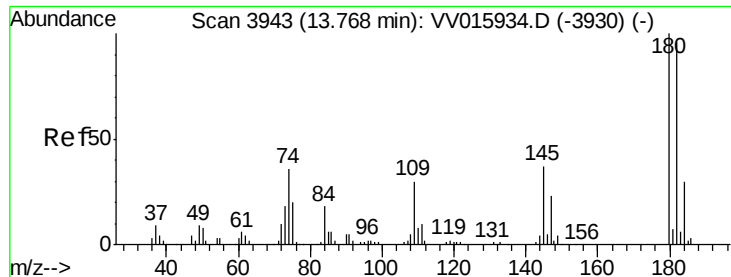
#70
 Naphthalene
 Concen: 11.144 ug/L
 RT: 13.53 min Scan# 3868
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Tgt Ion	Resp	Lower	Upper
128	249668		
129	10.7	8.5	12.7
127	12.8	10.2	15.2



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





#71
 1,2,3-Trichlorobenzene
 Concen: 10.470 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VV015935.D
 Acq: 07 May 2020 11:19

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Tgt Ion:	180	Resp:	126112
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.0	115.6
145	34.9	28.3	42.5

