

Data File : VV014425.D
Acq On : 29 Jan 2020 15:32
Operator : SY/MD
Sample : VSTD00131
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Quant Time: Jan 30 00:53:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 30 00:51:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	237654	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	216194	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	101720	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13755	0.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	9917	0.81	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19320	0.82	ug/L	0.00
20) 2-Butanone-d5	3.97	46	15698	4.18	ug/L	0.02
24) Chloroform-d	4.39	84	27554	0.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	11990	0.77	ug/L	0.00
32) Benzene-d6	5.09	84	57442	0.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	17729	0.90	ug/L	0.00
41) Toluene-d8	7.35	98	52575	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	6985	0.81	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	24391	6.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	11858	0.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	16765	0.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17894	0.992 ug/L	98
3) Chloromethane	1.25	50	14956	0.877 ug/L	99
5) Vinyl chloride	1.32	62	14805	0.921 ug/L	99
6) Bromomethane	1.54	94	4269	0.503 ug/L	90
8) Chloroethane	1.60	64	7824	0.873 ug/L	98
9) Trichlorofluoromethane	1.77	101	19169	0.986 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10255	0.982 ug/L	98
12) 1,1-Dichloroethene	2.14	96	9396	0.915 ug/L	85
13) Acetone	2.21	43	13515	5.154 ug/L	67
14) Carbon disulfide	2.32	76	47079	0.994 ug/L	98
15) Methyl Acetate	2.47	43	3806	0.635 ug/L #	77
16) Methylene chloride	2.53	84	18903	1.088 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	32484	0.852 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	15891	0.993 ug/L	97
19) 1,1-Dichloroethane	3.23	63	28546	0.919 ug/L	97
21) 2-Butanone	4.04	43	22479	5.701 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	16998	0.968 ug/L	100
23) Bromochloromethane	4.29	128	6351	0.958 ug/L	98
25) Chloroform	4.42	83	28758	0.958 ug/L	98
27) 1,2-Dichloroethane	5.18	62	14610	0.832 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	23881	0.929 ug/L	97
30) Cyclohexane	4.72	56	27718	0.976 ug/L	97
31) Carbon tetrachloride	4.87	117	19984	0.912 ug/L	96
33) Benzene	5.14	78	63100	0.943 ug/L	100
34) Trichloroethene	5.96	95	17191	0.998 ug/L	99
35) Methylcyclohexane	6.17	83	29029	1.031 ug/L	97
37) 1,2-Dichloropropane	6.22	63	16025	0.956 ug/L #	96
38) Bromodichloromethane	6.55	83	18610	0.867 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	23116	0.862 ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	83434	8.084 ug/L	98

Data File : VV014425.D
Acq On : 29 Jan 2020 15:32
Operator : SY/MD
Sample : VSTD00131
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Quant Time: Jan 30 00:53:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 30 00:51:26 2020
Response via : Initial Calibration

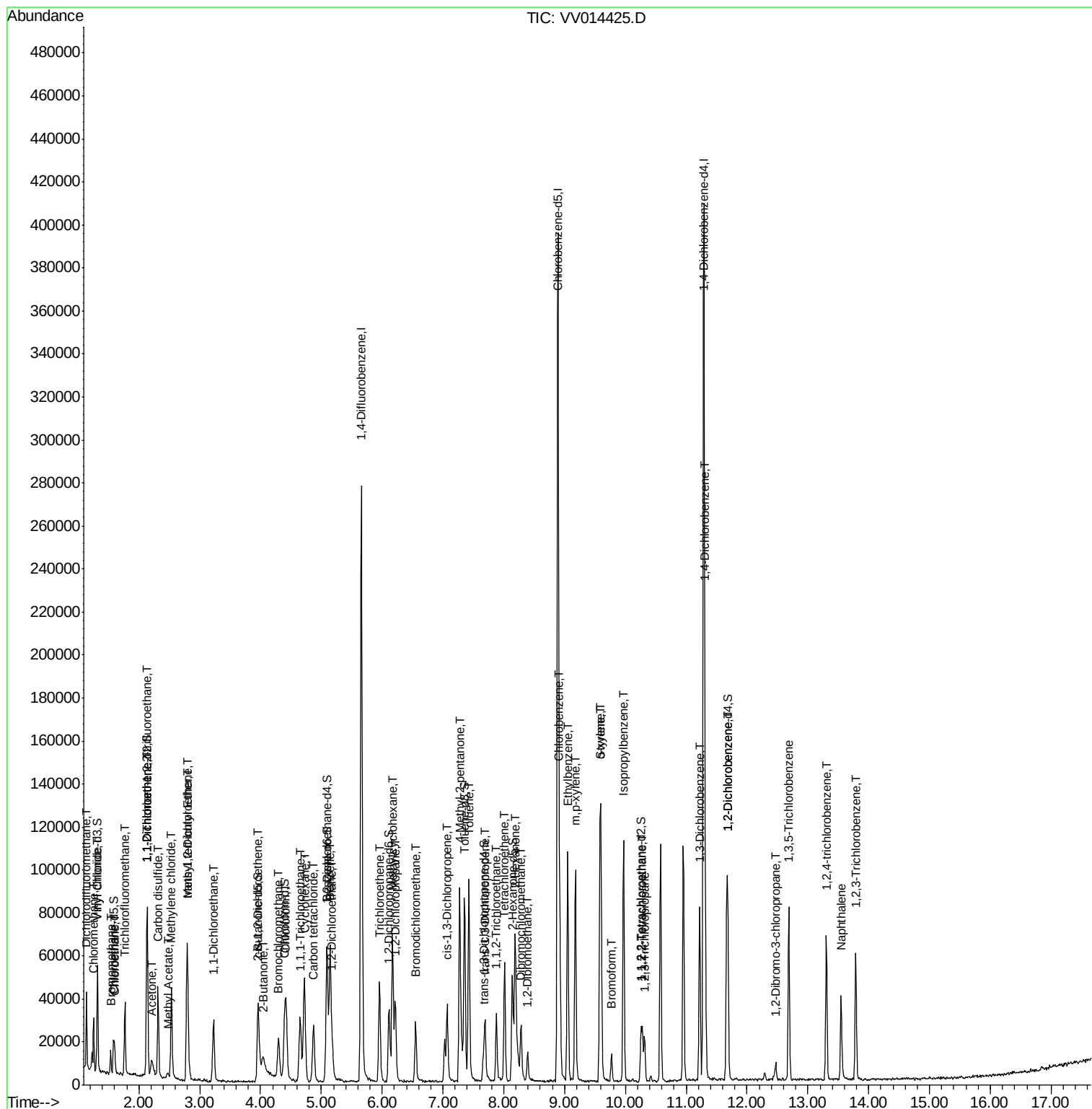
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	68354	0.968	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	17522	0.858	ug/L	100
45) 1,1,2-Trichloroethane	7.87	97	9988	0.927	ug/L	99
47) Tetrachloroethene	8.01	164	11631	0.982	ug/L	95
48) 2-Hexanone	8.19	43	59395	8.330	ug/L	97
49) Dibromochloromethane	8.28	129	12121	0.901	ug/L	98
50) 1,2-Dibromoethane	8.39	107	9268	0.897	ug/L #	98
51) Chlorobenzene	8.92	112	41738	0.960	ug/L	97
52) Ethylbenzene	9.05	91	76451	0.970	ug/L	100
53) m,p-xylene	9.18	106	27703	0.947	ug/L	96
54) o-xylene	9.58	106	27175	0.946	ug/L	97
55) Styrene	9.60	104	44260	0.915	ug/L	100
56) Isopropylbenzene	9.97	105	71035	0.951	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	11262	0.858	ug/L #	92
59) 1,2,3-Trichloropropane	10.32	75	8972	0.907	ug/L	96
61) Bromoform	9.77	173	5431	0.805	ug/L	93
62) 1,3-Dichlorobenzene	11.22	146	31051	0.969	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	30935	0.972	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	28172	0.973	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	2361	0.920	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	22888	0.983	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	19200	0.944	ug/L	100
69) Naphthalene	13.55	128	31994	0.796	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	17018	0.956	ug/L	97

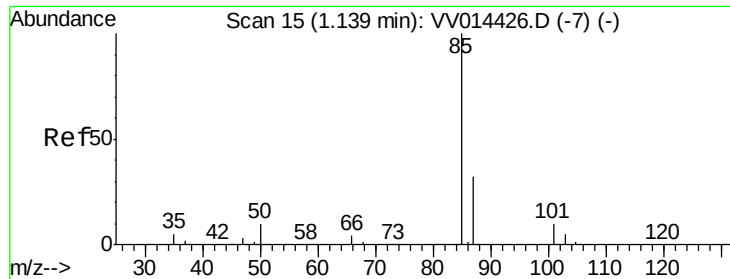
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV014425.D
Acq On : 29 Jan 2020 15:32
Operator : SY/MD
Sample : VSTD00131
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Quant Time: Jan 30 00:53:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 30 00:51:26 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.992 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

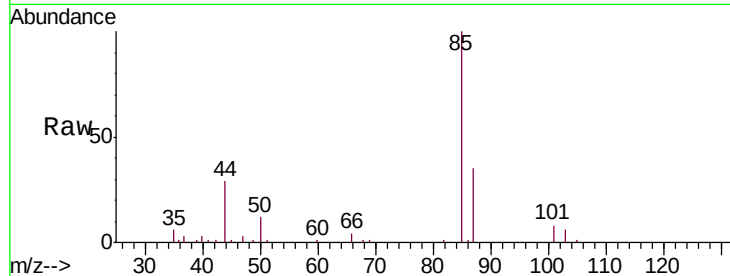
VSTD00131

Tgt Ion: 85 Resp: 17894

Ion Ratio Lower Upper

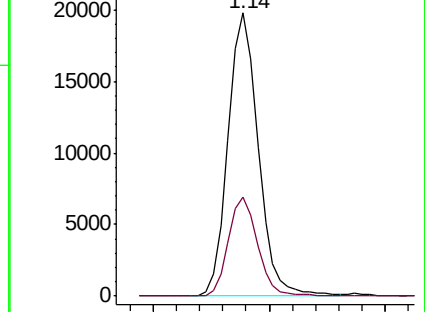
85 100

87 33.7 26.2 39.2

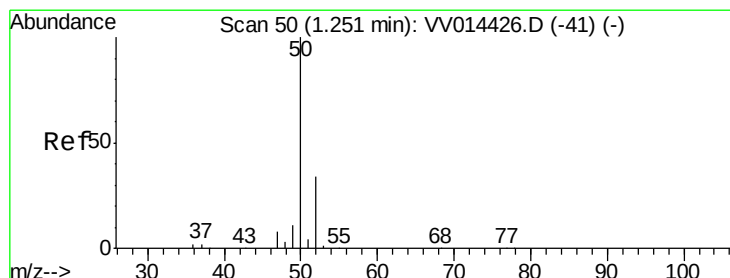
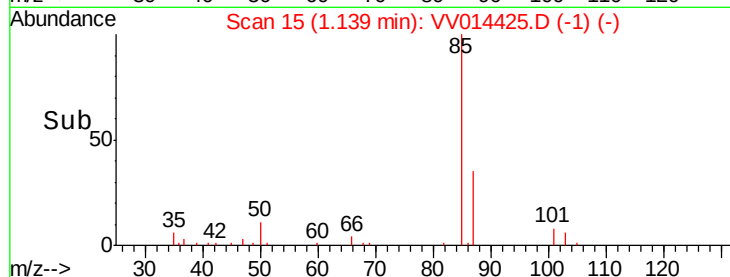


Abundance Ion 85.00 (84.70 to 85.70): VV014426.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV014426.D (-7) (-)



Time-->



#3

Chloromethane

Concen: 0.877 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014425.D

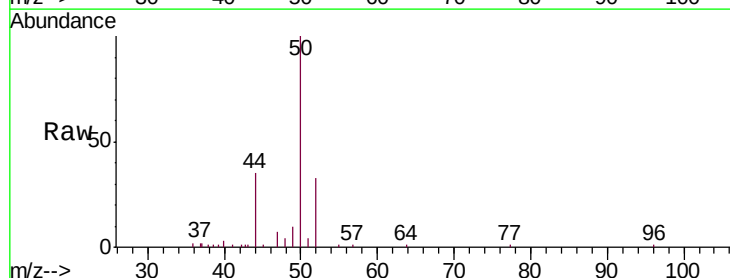
Acq: 29 Jan 2020 15:32

Tgt Ion: 50 Resp: 14956

Ion Ratio Lower Upper

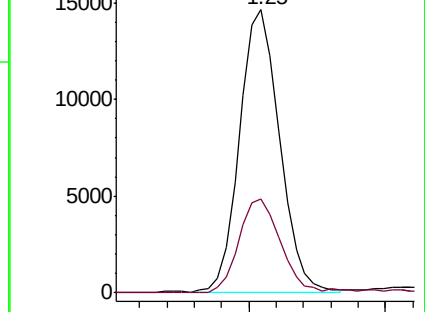
50 100

52 33.2 23.4 43.6

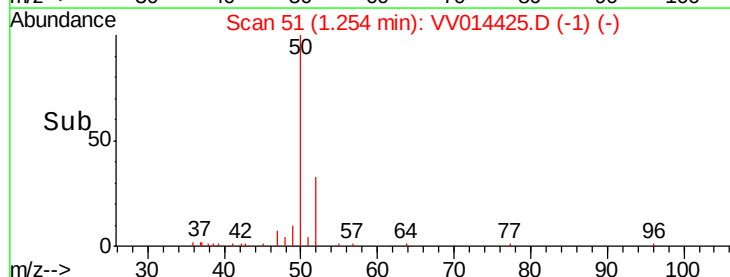


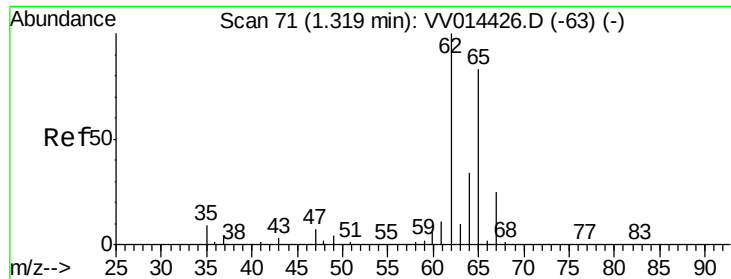
Abundance Ion 50.05 (49.75 to 50.75): VV014426.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV014426.D (-41) (-)



Time-->





#5

Vinyl chloride

Concen: 0.921 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

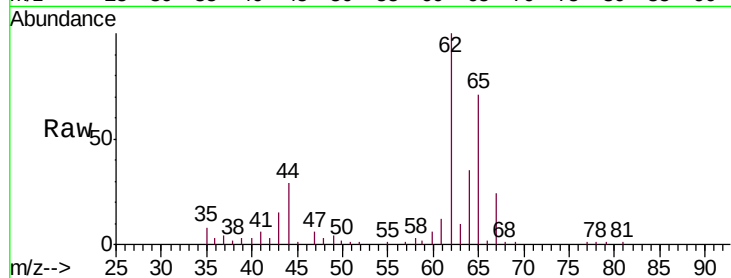
VSTD00131

Tgt Ion: 62 Resp: 14805

Ion Ratio Lower Upper

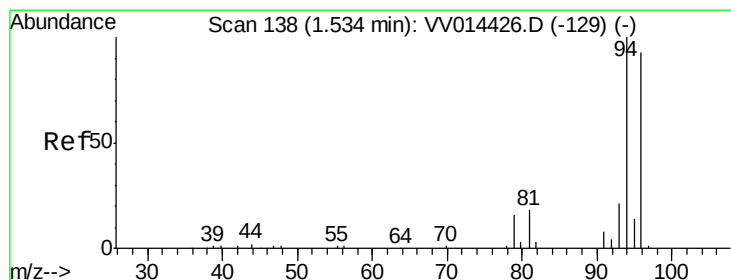
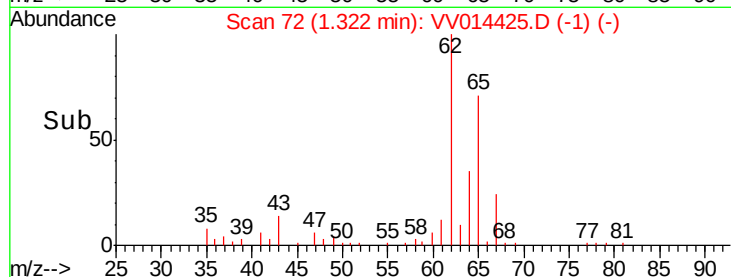
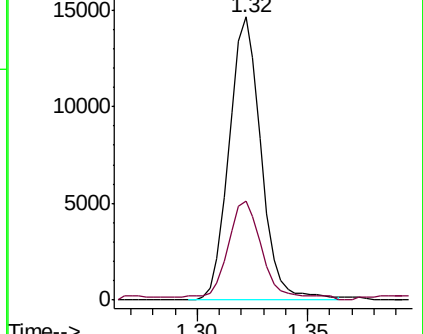
62 100

64 34.8 24.0 44.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 0.503 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV014425.D

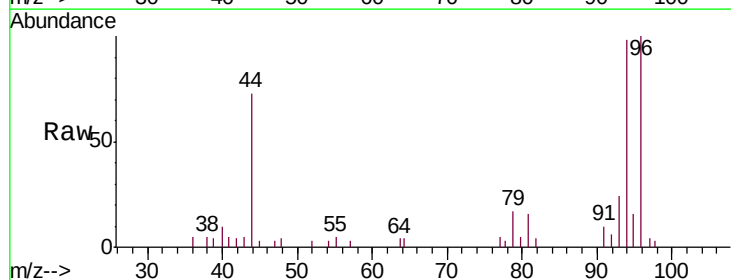
Acq: 29 Jan 2020 15:32

Tgt Ion: 94 Resp: 4269

Ion Ratio Lower Upper

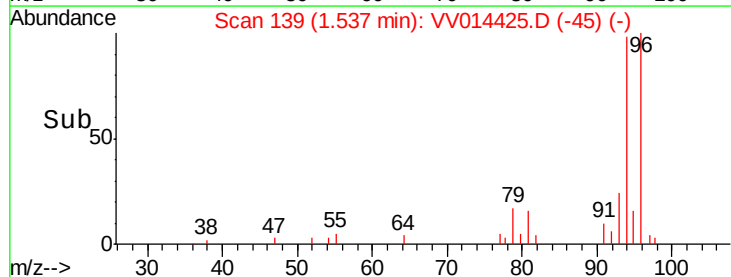
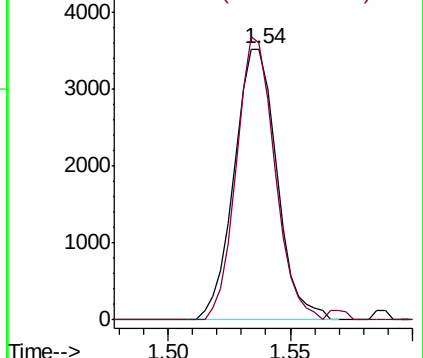
94 100

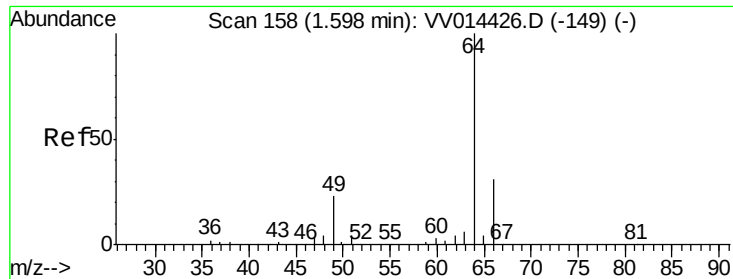
96 102.5 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.873 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

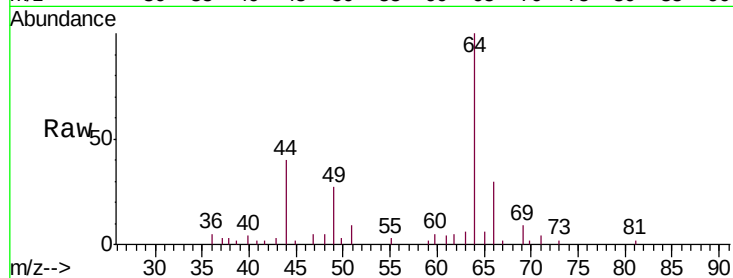
VSTD00131

Tgt Ion: 64 Resp: 7824

Ion Ratio Lower Upper

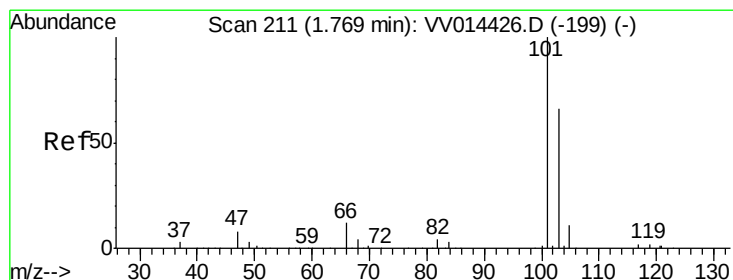
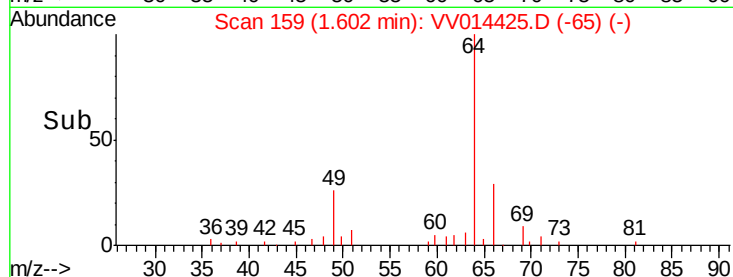
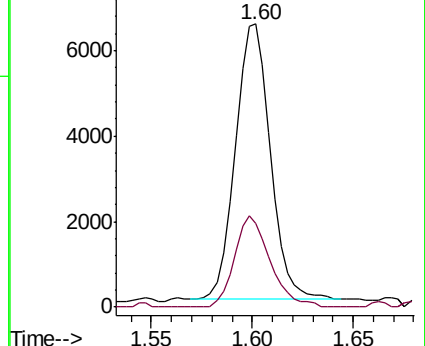
64 100

66 29.8 21.7 40.3



Abundance Ion 64.10 (63.80 to 64.80): VV014425.D (-158) (-)

Ion 66.05 (65.75 to 66.75): VV014425.D (-158) (-)



#9

Trichlorofluoromethane

Concen: 0.986 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV014425.D

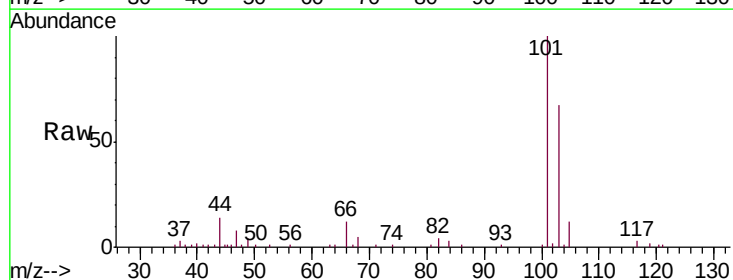
Acq: 29 Jan 2020 15:32

Tgt Ion: 101 Resp: 19169

Ion Ratio Lower Upper

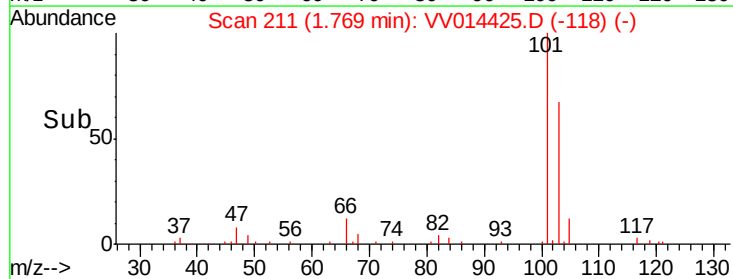
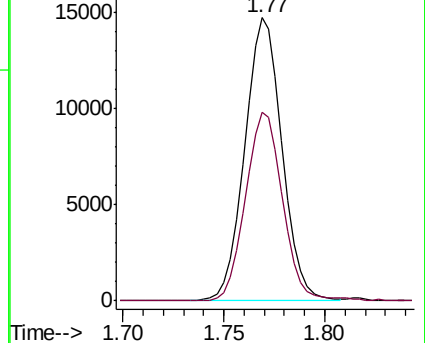
101 100

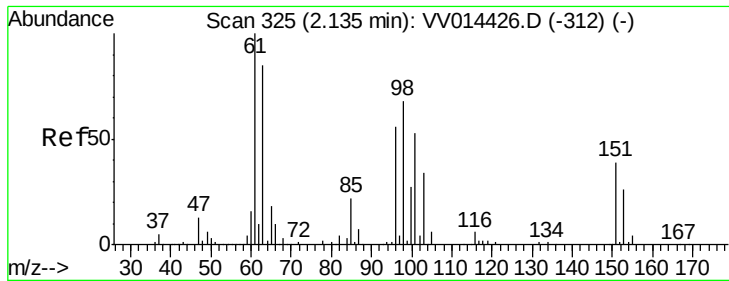
103 66.5 52.5 78.7



Abundance Ion 101.00 (100.70 to 101.70): VV014425.D (-210) (-)

Ion 103.00 (102.70 to 103.70): VV014425.D (-210) (-)





#10

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

Concen: 0.982 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD00131

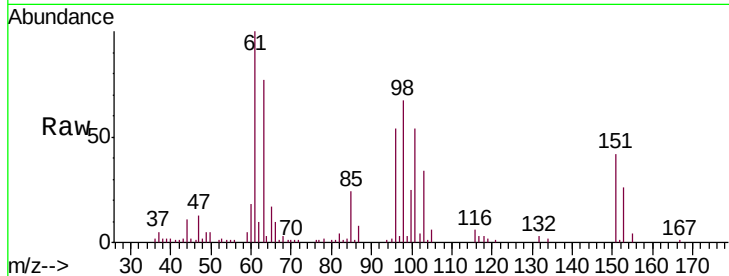
Tgt Ion:101 Resp: 10255

Ion Ratio Lower Upper

101 100

85 43.7 33.2 49.8

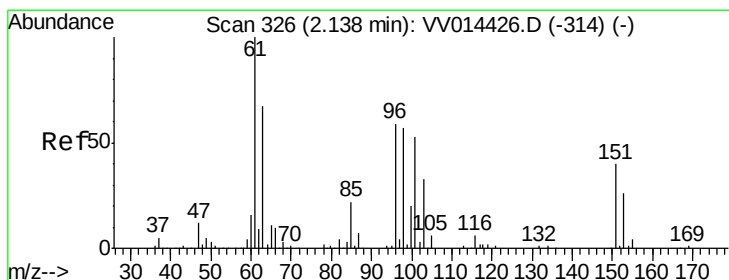
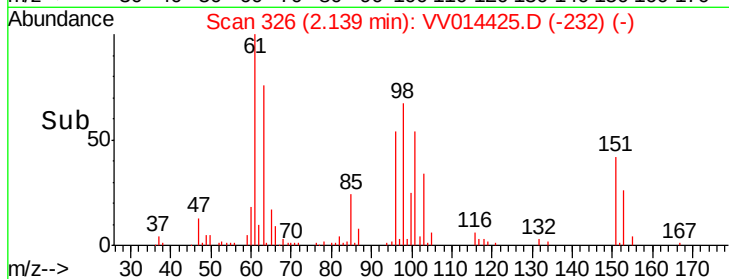
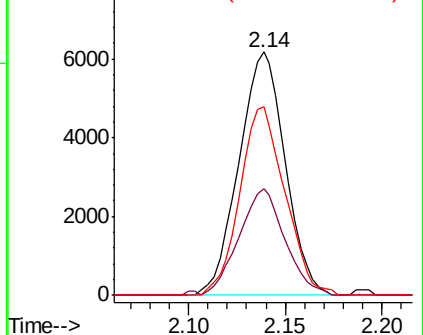
151 75.7 59.6 89.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.915 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

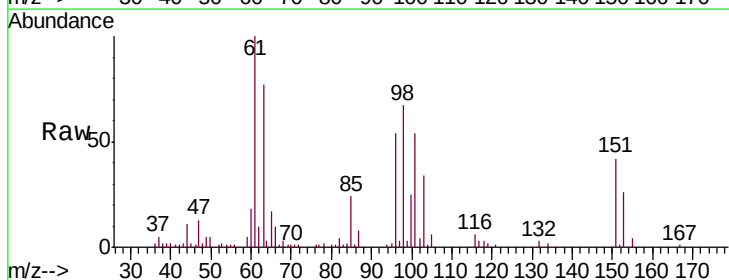
Tgt Ion: 96 Resp: 9396

Ion Ratio Lower Upper

96 100

61 185.1 120.0 223.0

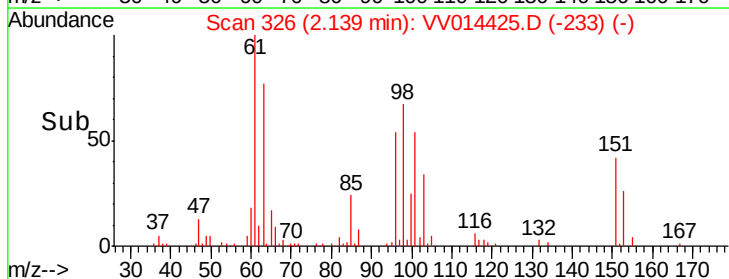
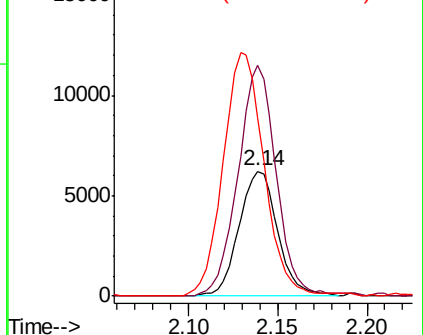
63 143.0 82.4 153.0

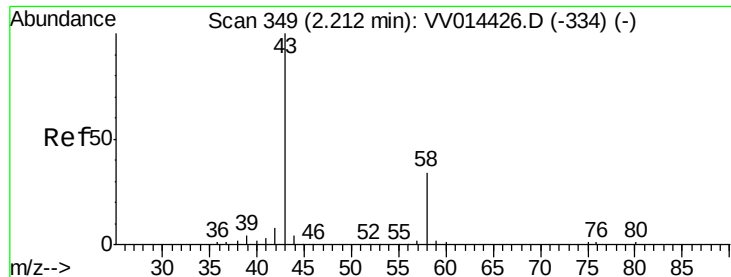


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 5.154 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampled :

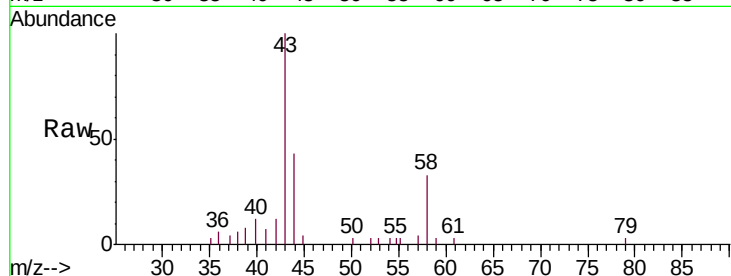
VSTD00131

Tgt Ion: 43 Resp: 13515

Ion Ratio Lower Upper

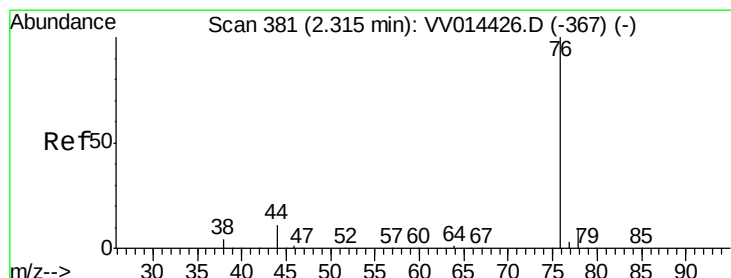
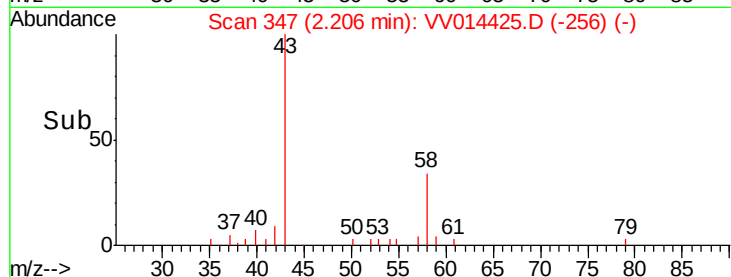
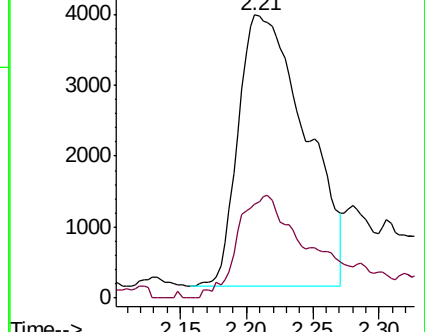
43 100

58 39.4 0.0 47.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.994 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV014425.D

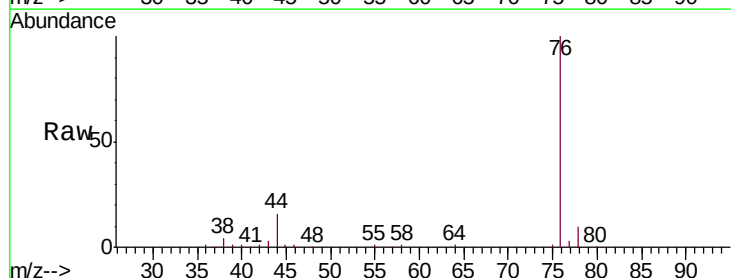
Acq: 29 Jan 2020 15:32

Tgt Ion: 76 Resp: 47079

Ion Ratio Lower Upper

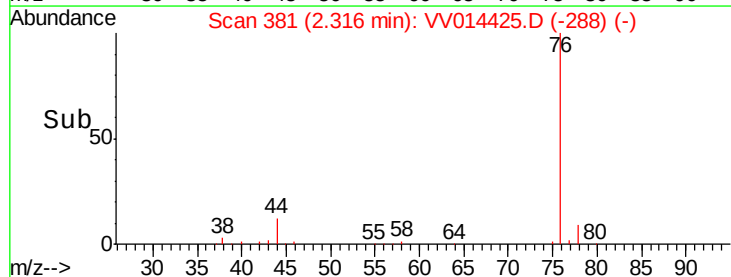
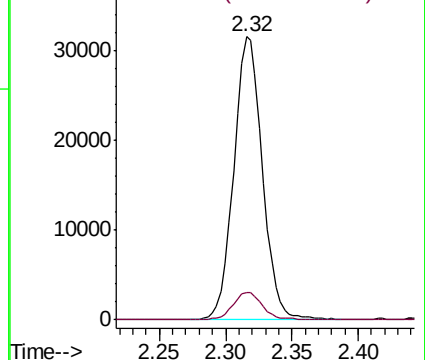
76 100

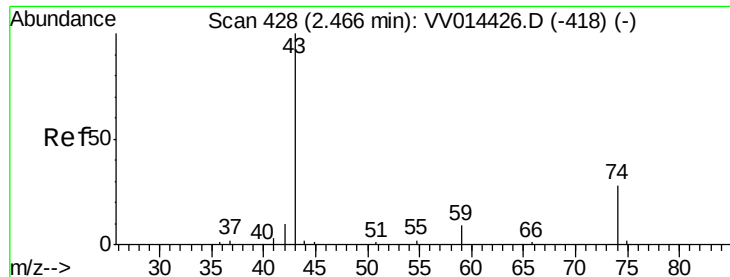
78 9.9 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

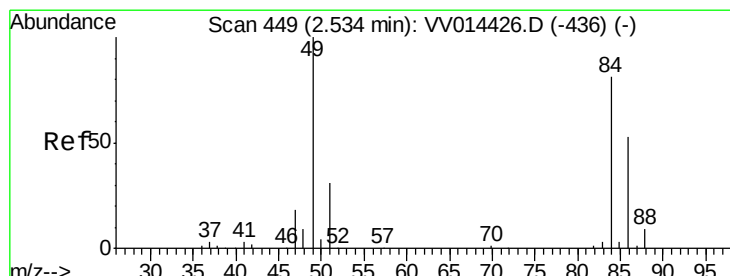
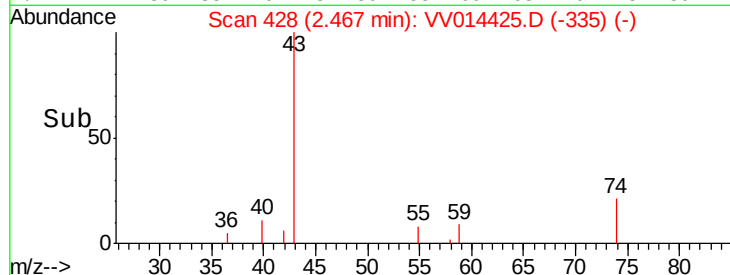
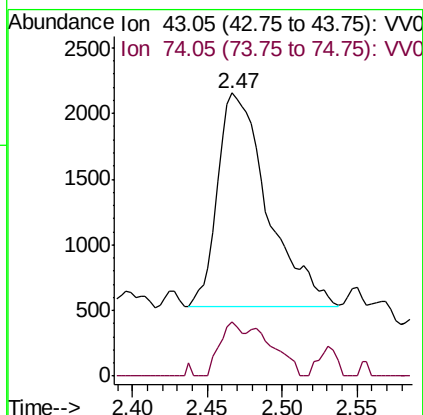
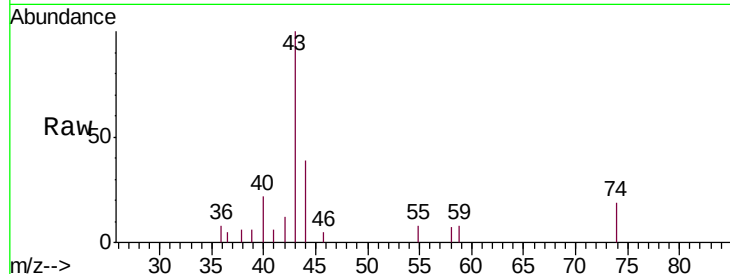




#15
Methyl Acetate
Concen: 0.635 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

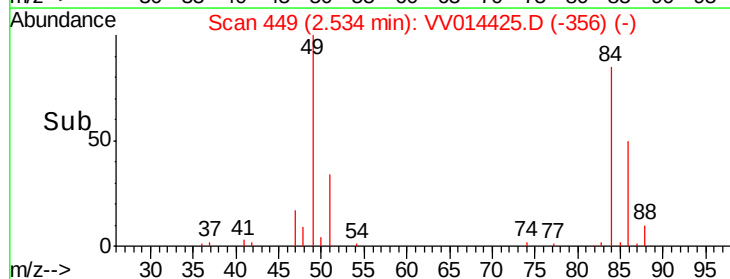
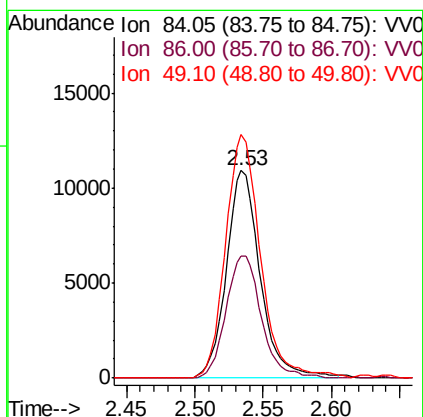
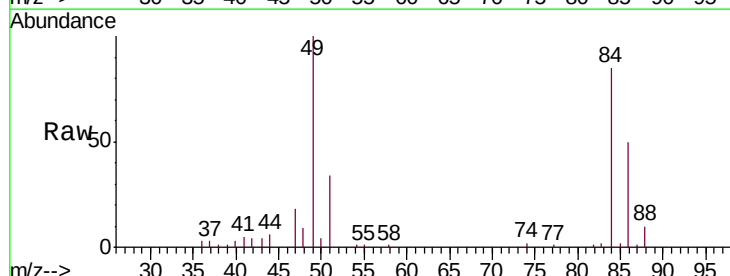
Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

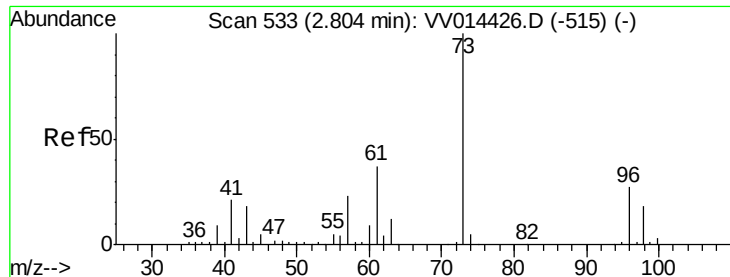
Tgt Ion: 43 Resp: 3806
Ion Ratio Lower Upper
43 100
74 12.5 18.8 28.2#



#16
Methylene chloride
Concen: 1.088 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Tgt Ion: 84 Resp: 18903
Ion Ratio Lower Upper
84 100
86 58.9 45.6 84.6
49 117.3 86.1 159.9

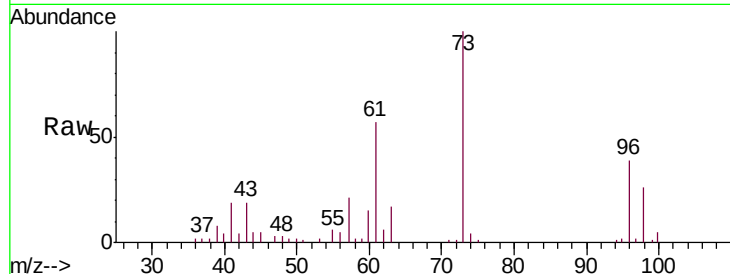




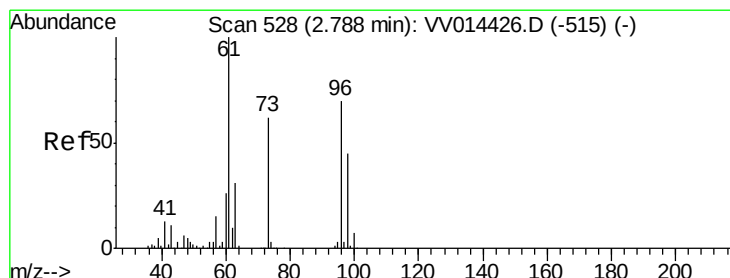
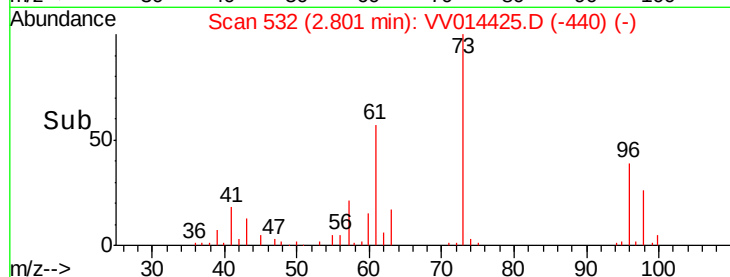
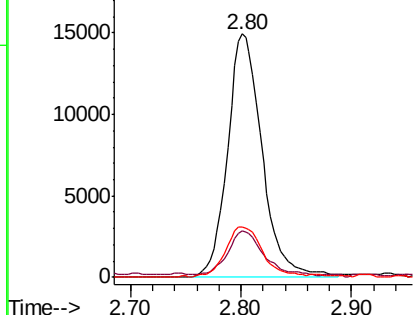
#17
Methyl tert-butyl Ether
Concen: 0.852 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Tgt Ion: 73 Resp: 32484
Ion Ratio Lower Upper
73 100
43 18.4 14.2 21.2
57 22.4 18.5 27.7

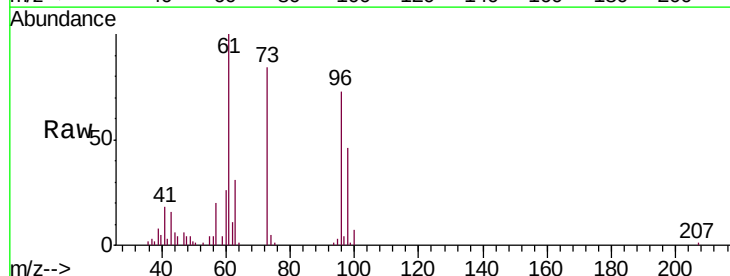


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

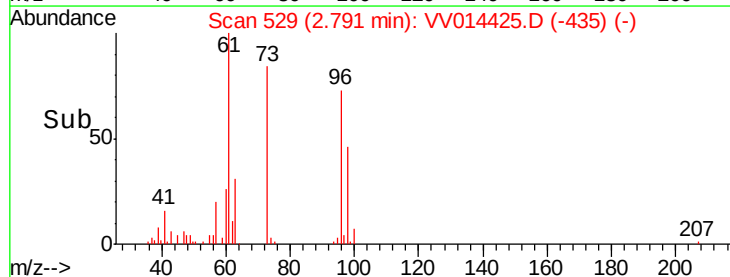
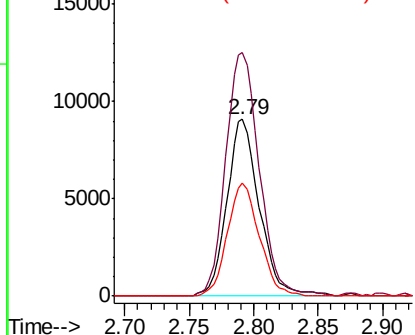


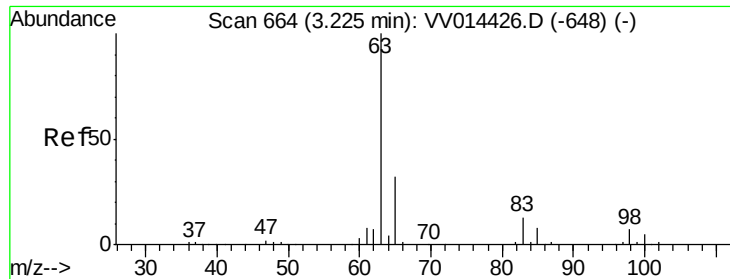
#18
trans-1,2-Dichloroethene
Concen: 0.993 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Tgt Ion: 96 Resp: 15891
Ion Ratio Lower Upper
96 100
61 137.9 99.9 185.5
98 63.7 45.4 84.4



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

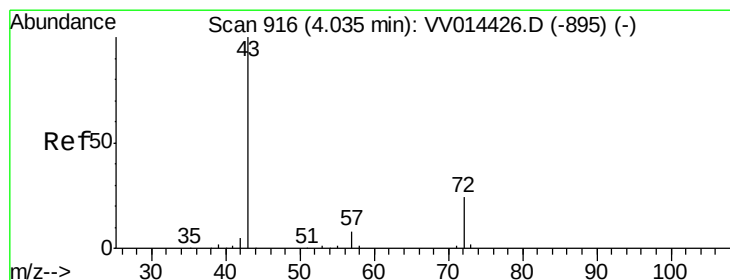
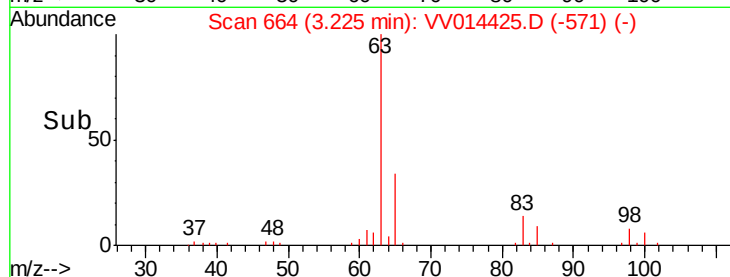
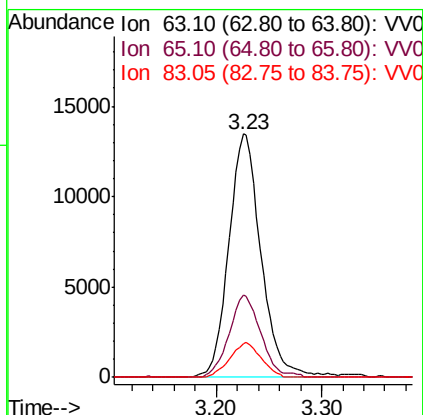
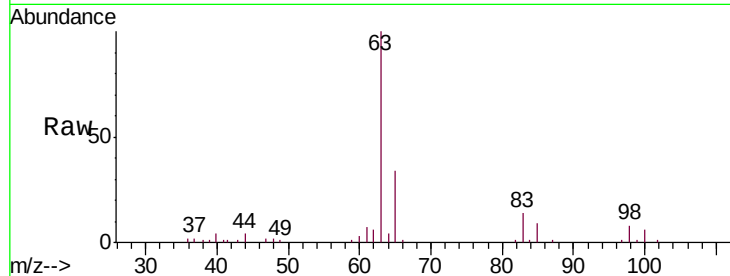




#19
 1,1-Dichloroethane
 Concen: 0.919 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

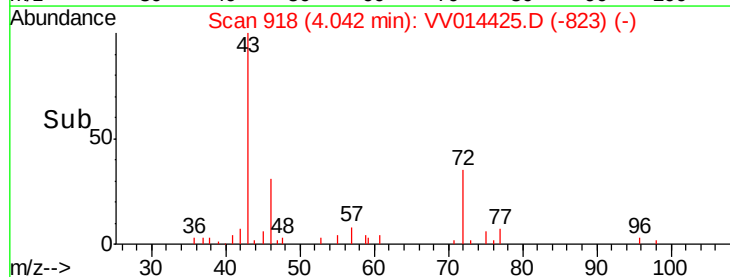
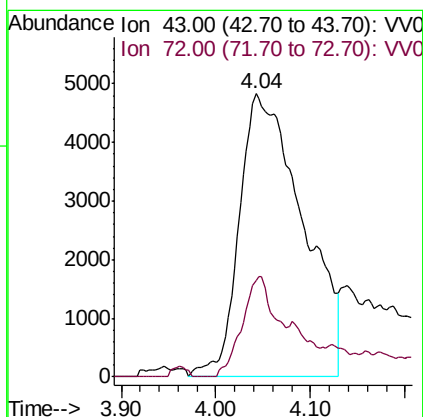
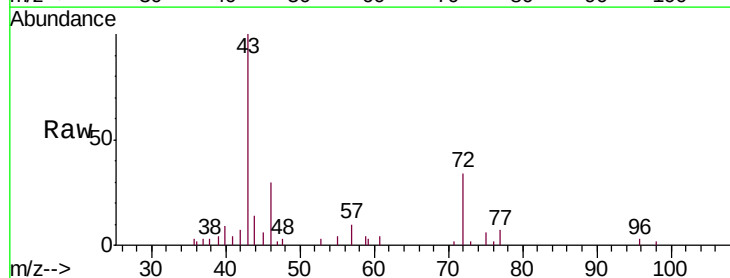
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

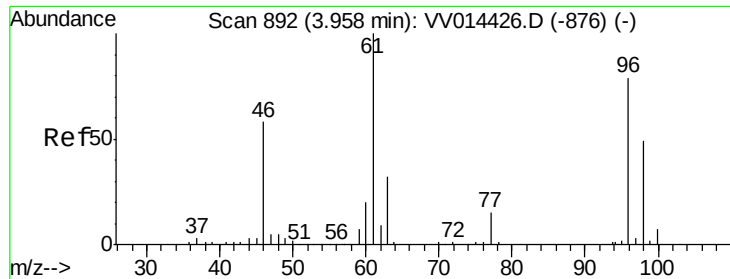
Tgt Ion: 63 Resp: 28546
 Ion Ratio Lower Upper
 63 100
 65 33.7 22.4 41.6
 83 14.0 9.2 17.2



#21
 2-Butanone
 Concen: 5.701 ug/L
 RT: 4.04 min Scan# 918
 Delta R.T. 0.01 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Tgt Ion: 43 Resp: 22479
 Ion Ratio Lower Upper
 43 100
 72 18.7 9.2 27.6



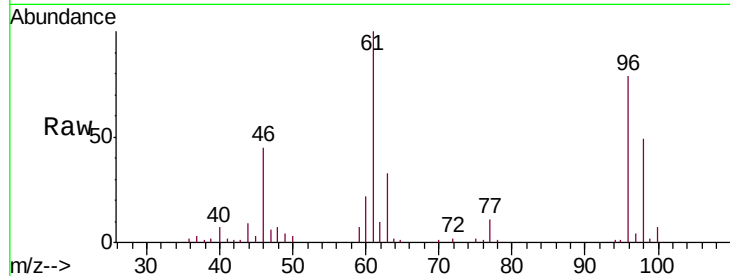


#22

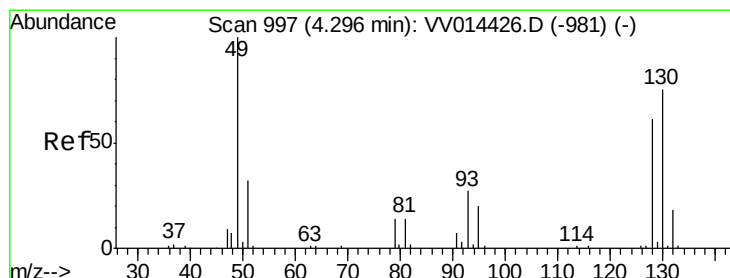
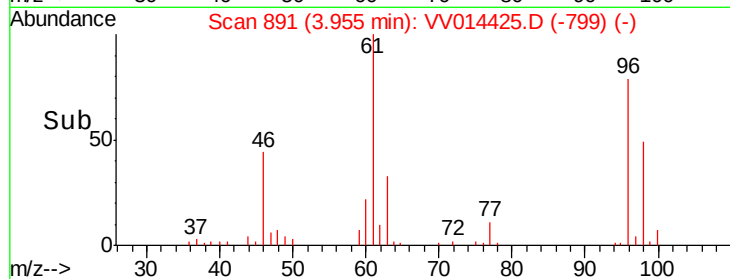
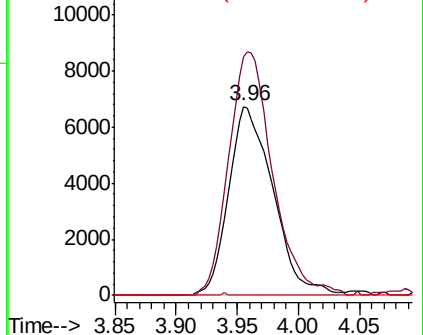
cis-1,2-Dichloroethene
 Concen: 0.968 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Tgt Ion: 96 Resp: 16998
 Ion Ratio Lower Upper
 96 100
 61 126.1 88.5 164.4
 68 0.0 0.0 0.0



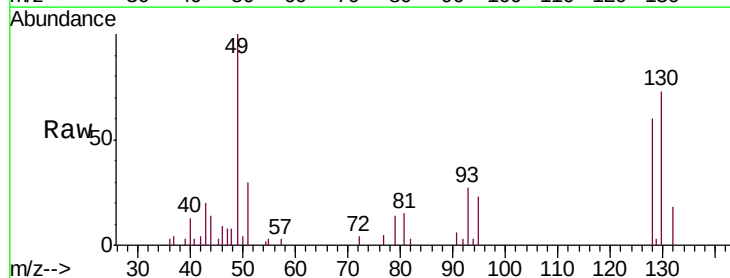
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



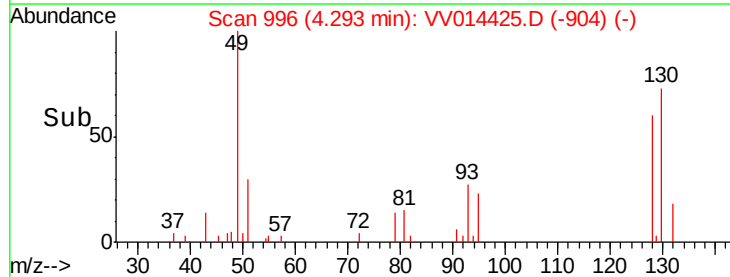
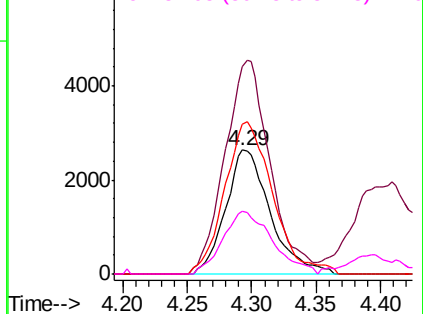
#23

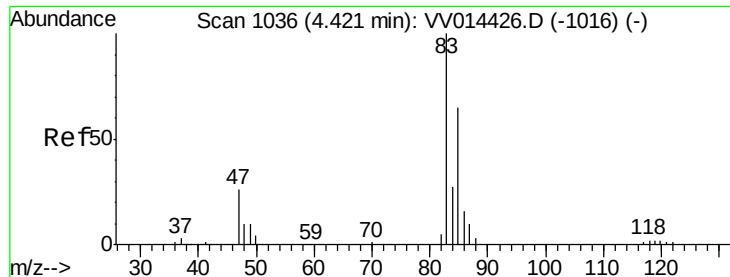
Bromochloromethane
 Concen: 0.958 ug/L
 RT: 4.29 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Tgt Ion: 128 Resp: 6351
 Ion Ratio Lower Upper
 128 100
 49 166.7 114.9 213.5
 130 121.1 85.7 159.1
 51 50.9 42.6 64.0



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

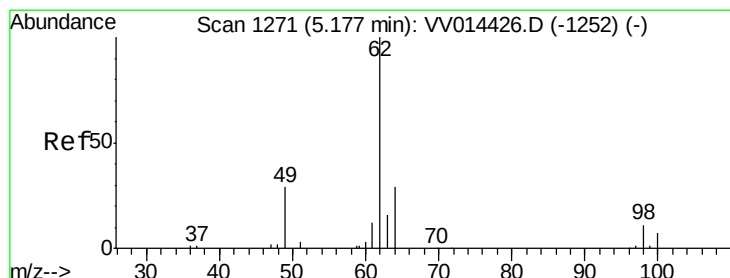
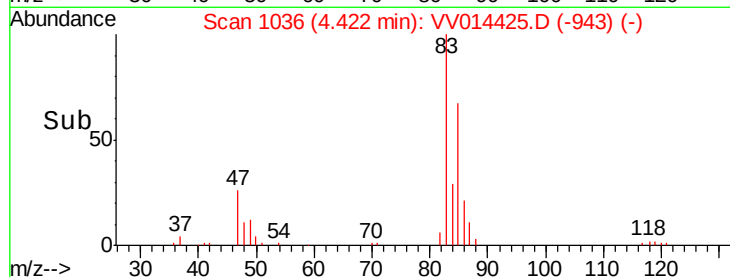
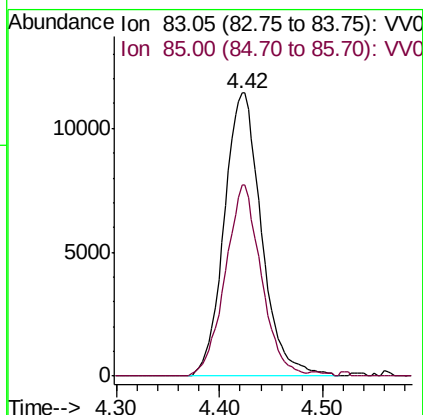
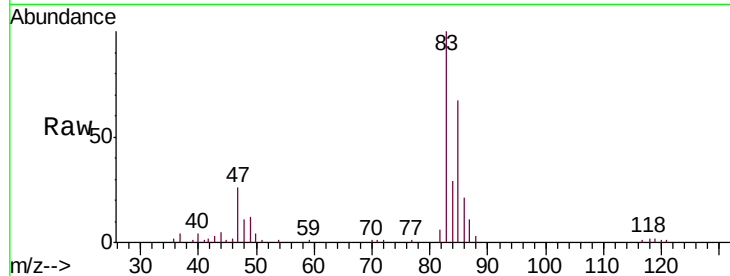




#25
Chloroform
Concen: 0.958 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

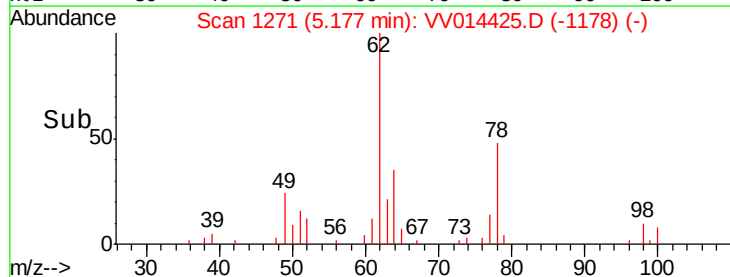
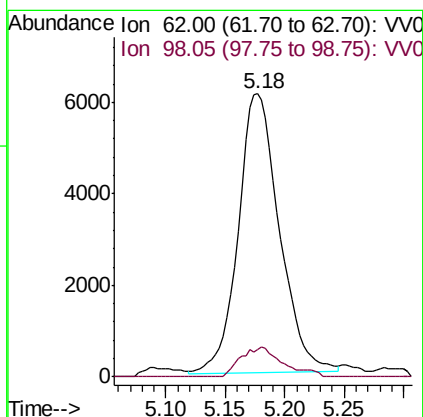
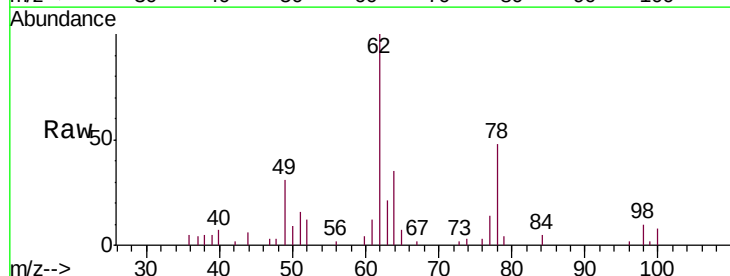
Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

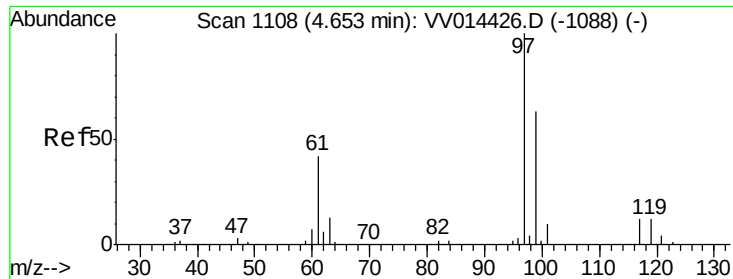
Tgt Ion: 83 Resp: 28758
Ion Ratio Lower Upper
83 100
85 67.4 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.832 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Tgt Ion: 62 Resp: 14610
Ion Ratio Lower Upper
62 100
98 9.8 8.5 12.7

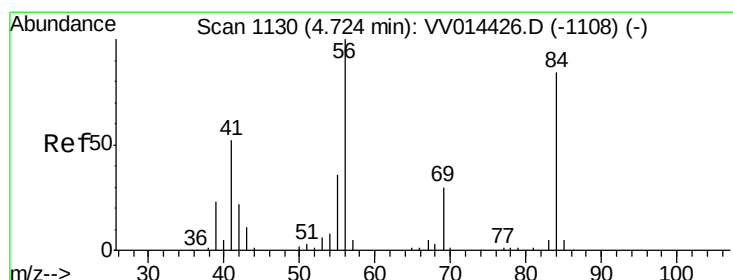
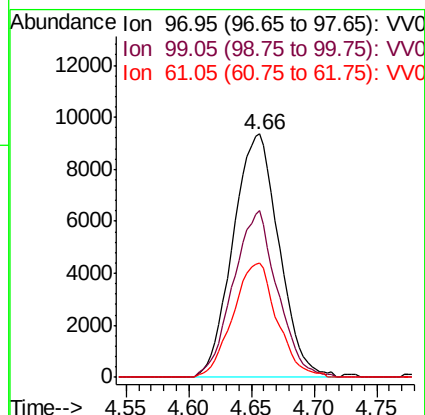
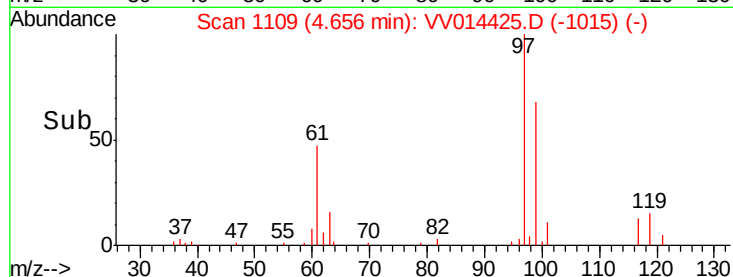
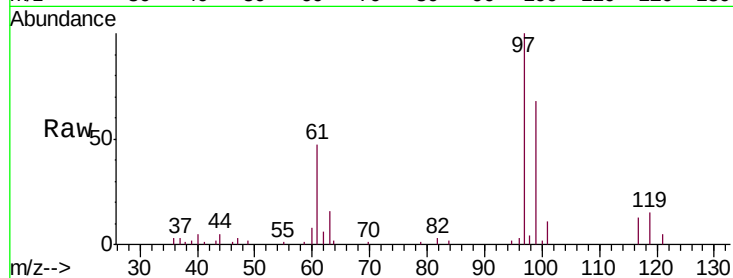




#29
 1,1,1-Trichloroethane
 Concen: 0.929 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

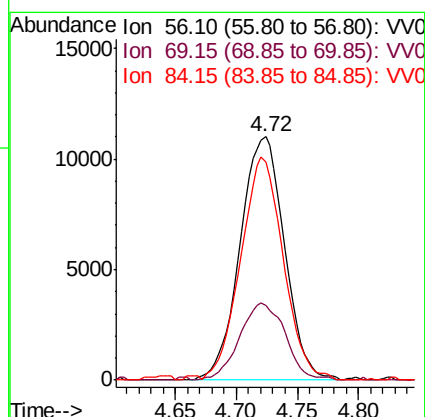
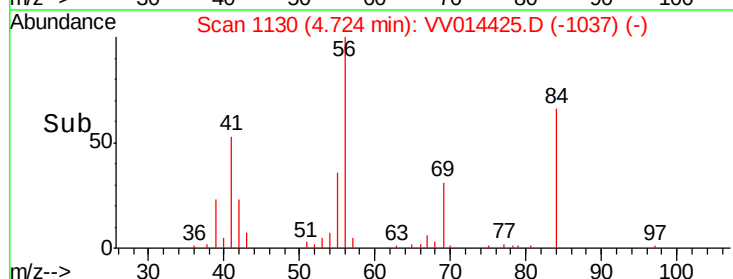
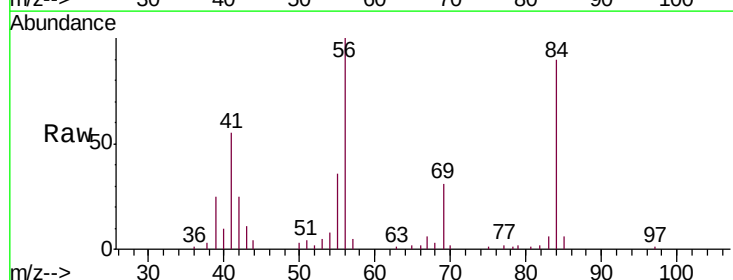
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

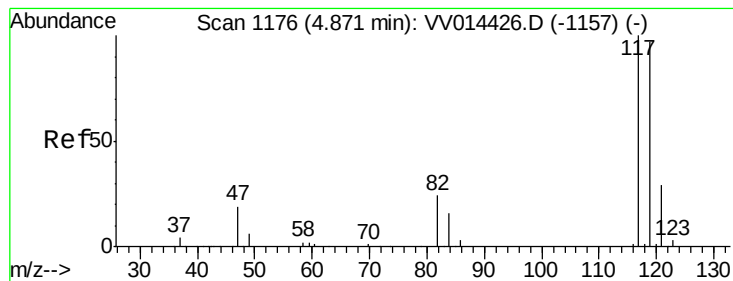
Tgt Ion: 97 Resp: 23881
 Ion Ratio Lower Upper
 97 100
 99 65.8 51.1 76.7
 61 45.0 34.2 51.2



#30
 Cyclohexane
 Concen: 0.976 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Tgt Ion: 56 Resp: 27718
 Ion Ratio Lower Upper
 56 100
 69 32.7 24.1 36.1
 84 88.1 68.8 103.2





#31

Carbon tetrachloride

Concen: 0.912 ug/L

RT: 4.87 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

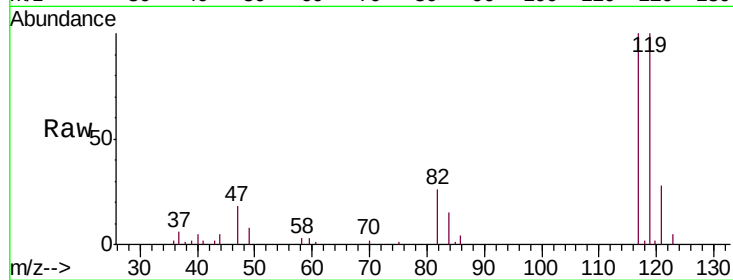
VSTD00131

Tgt Ion:117 Resp: 19984

Ion Ratio Lower Upper

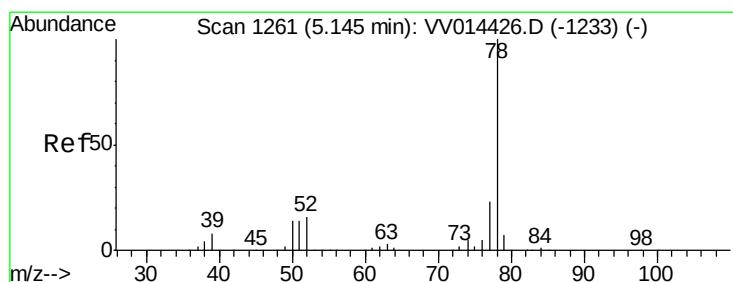
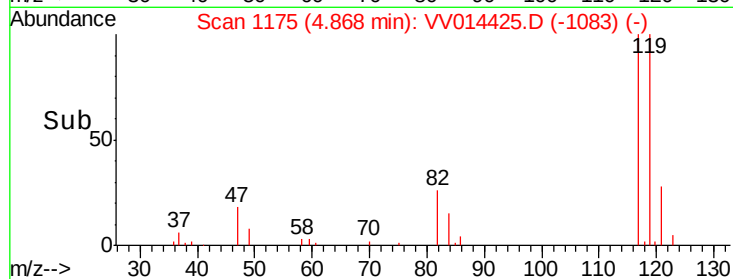
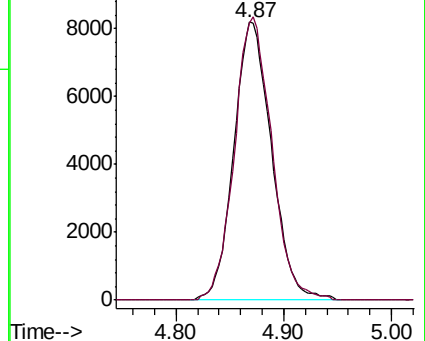
117 100

119 100.8 77.5 116.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.943 ug/L

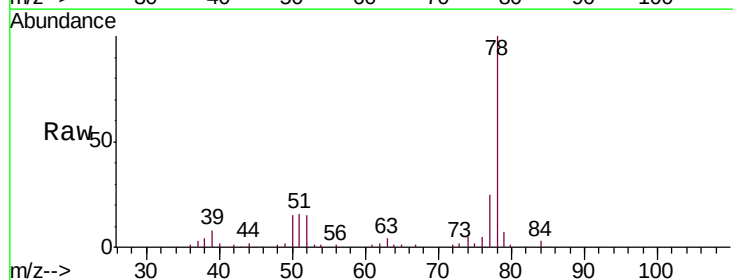
RT: 5.14 min Scan# 1260

Delta R.T. -0.00 min

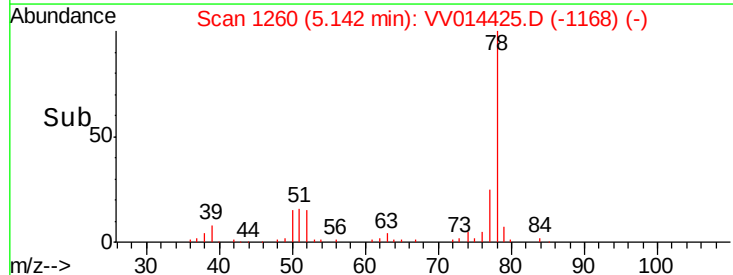
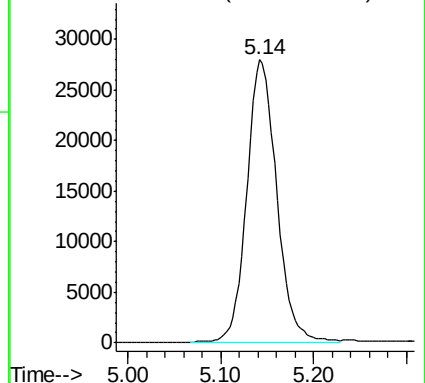
Lab File: VV014425.D

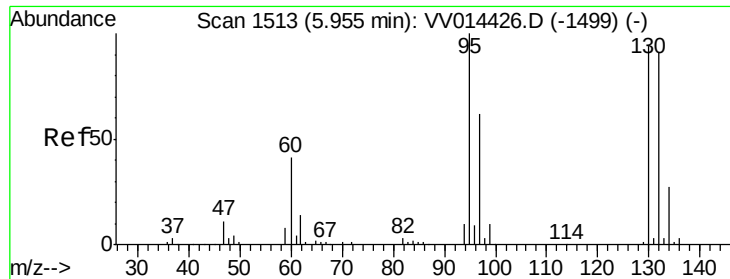
Acq: 29 Jan 2020 15:32

Tgt Ion: 78 Resp: 63100



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 0.998 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD00131

Tgt Ion: 95 Resp: 17191

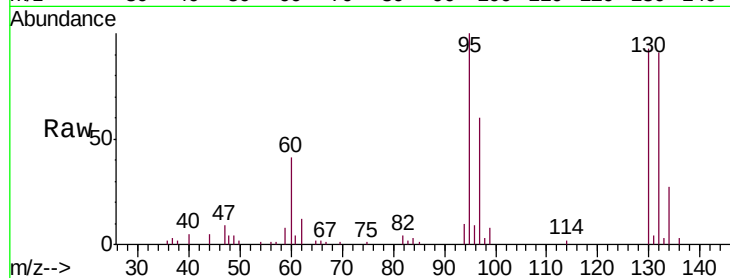
Ion Ratio Lower Upper

95 100

97 60.4 43.6 81.0

132 90.6 63.3 117.7

130 92.6 66.0 122.6

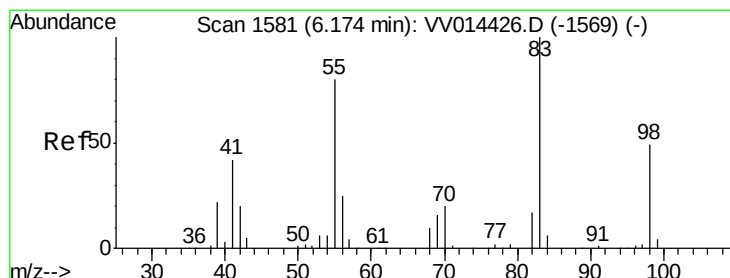
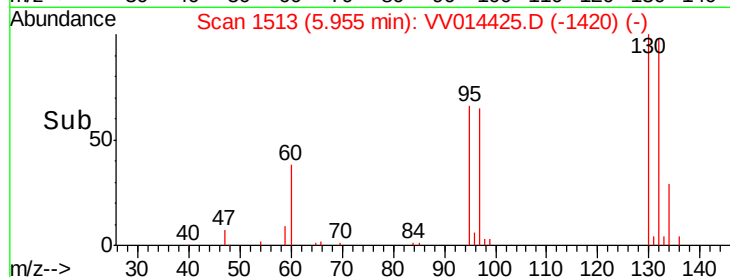
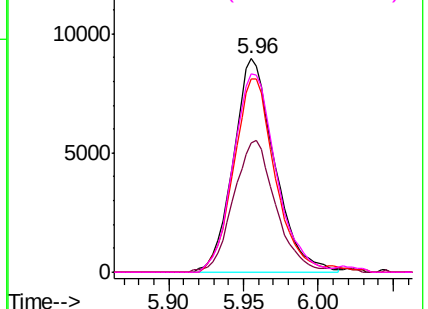


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 1.031 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

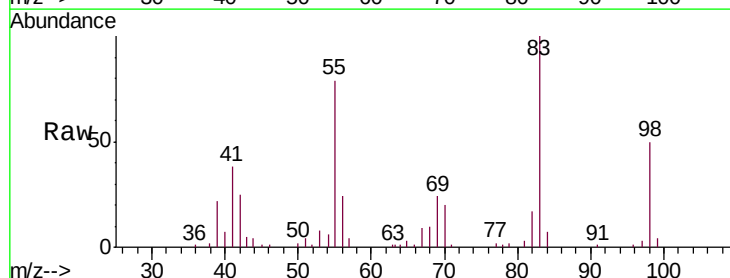
Tgt Ion: 83 Resp: 29029

Ion Ratio Lower Upper

83 100

55 78.5 61.3 91.9

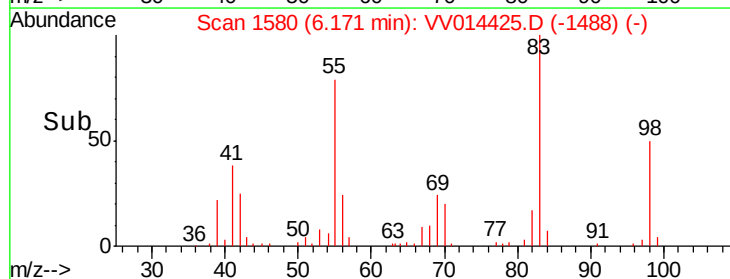
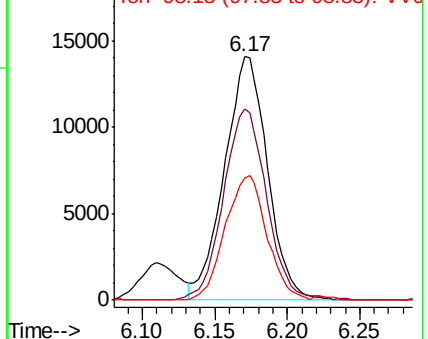
98 49.4 37.5 56.3

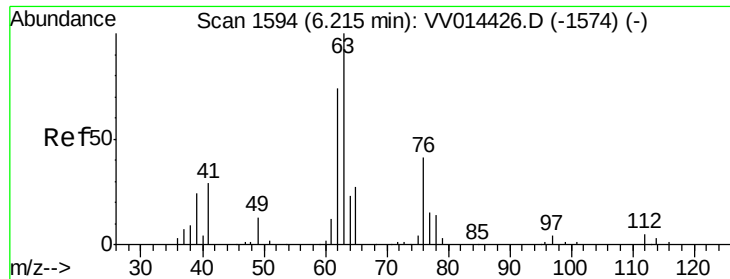


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

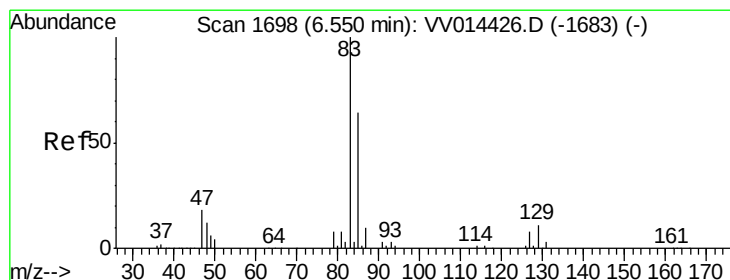
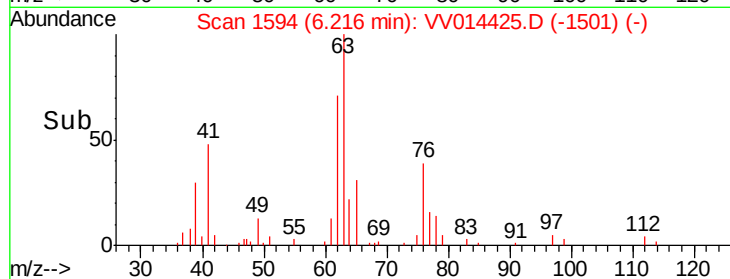
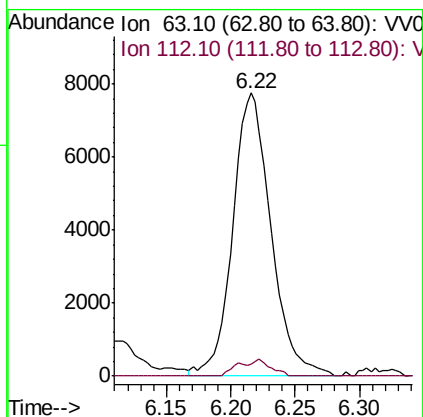
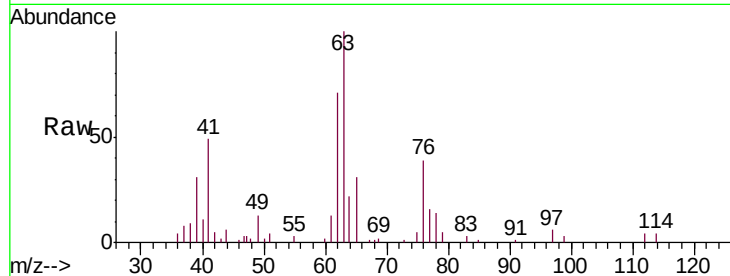




#37
 1,2-Dichloropropane
 Concen: 0.956 ug/L
 RT: 6.22 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

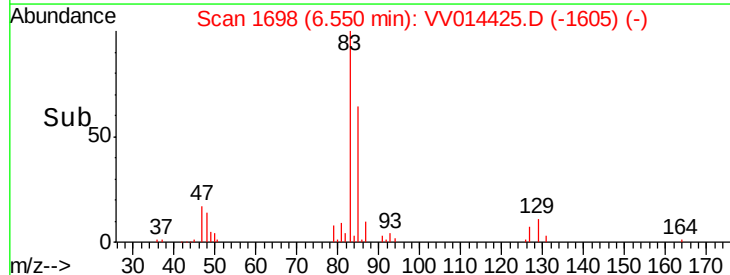
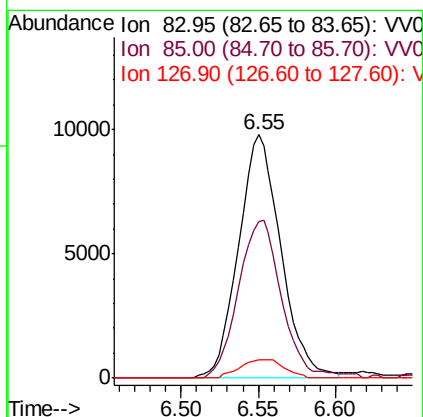
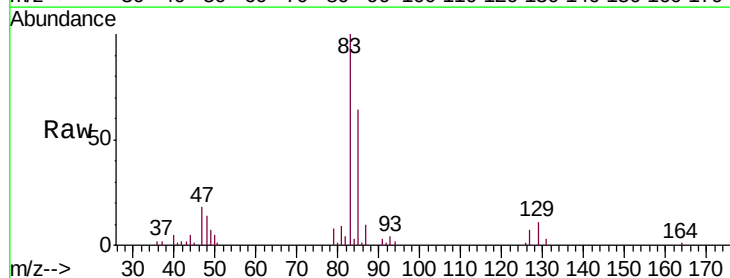
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

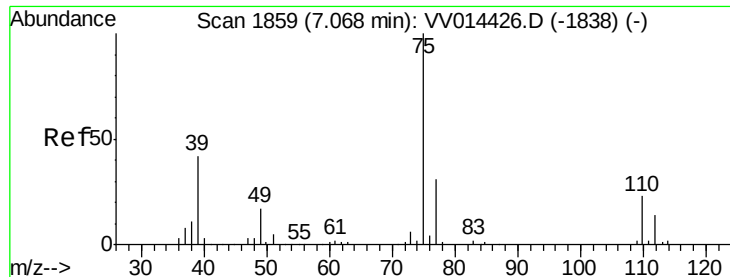
Tgt Ion: 63 Resp: 16025
 Ion Ratio Lower Upper
 63 100
 112 3.0 3.5 5.3#



#38
 Bromodichloromethane
 Concen: 0.867 ug/L
 RT: 6.55 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Tgt Ion: 83 Resp: 18610
 Ion Ratio Lower Upper
 83 100
 85 64.3 44.5 82.7
 127 7.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.862 ug/L

RT: 7.07 min Scan# 1859

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

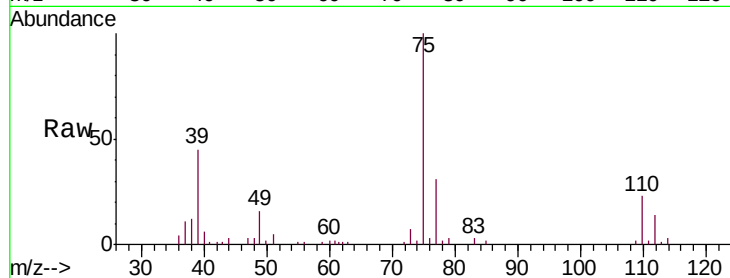
VSTD00131

Tgt Ion: 75 Resp: 23116

Ion Ratio Lower Upper

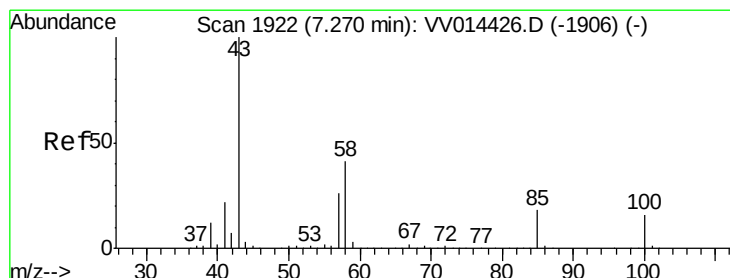
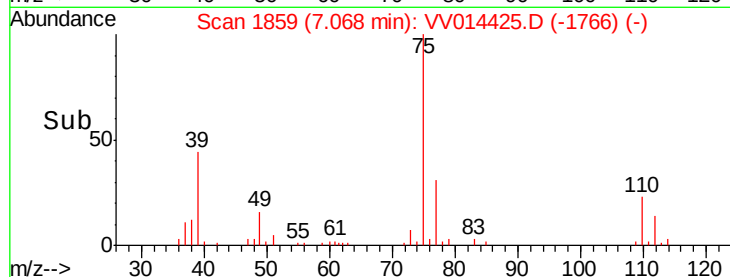
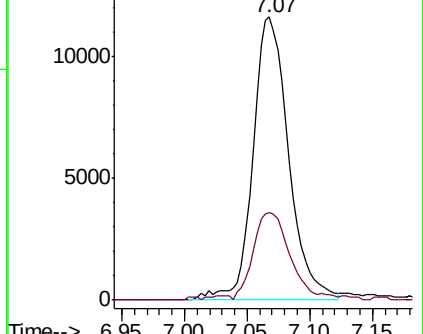
75 100

77 30.8 22.1 41.1



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#40

4-Methyl-2-pentanone

Concen: 8.084 ug/L

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

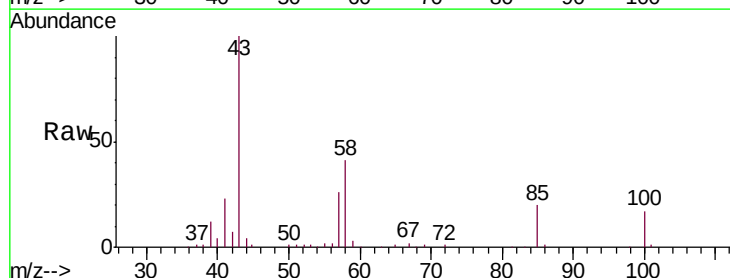
Tgt Ion: 43 Resp: 83434

Ion Ratio Lower Upper

43 100

58 42.4 33.1 49.7

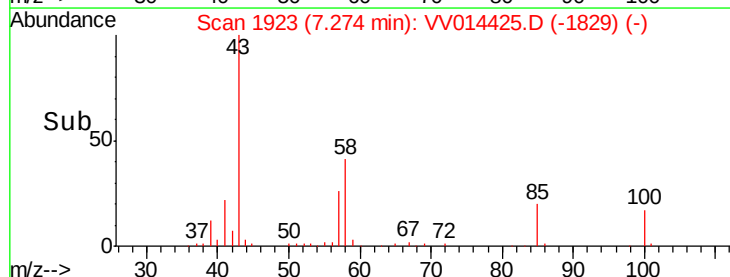
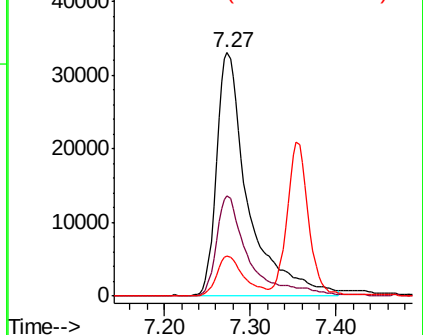
100 14.4 12.1 18.1

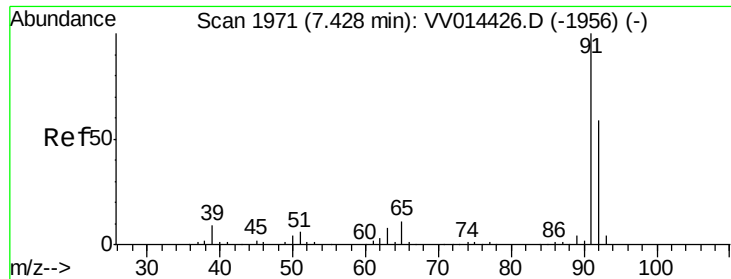


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 0.968 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

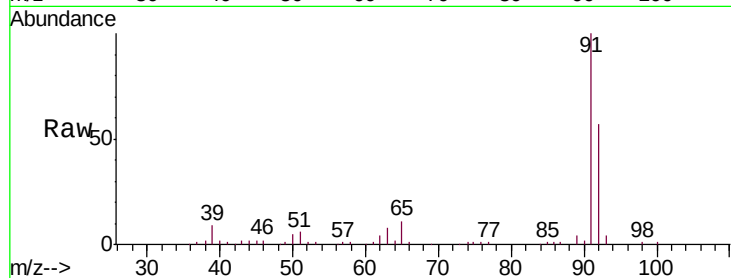
VSTD00131

Tgt Ion: 91 Resp: 68354

Ion Ratio Lower Upper

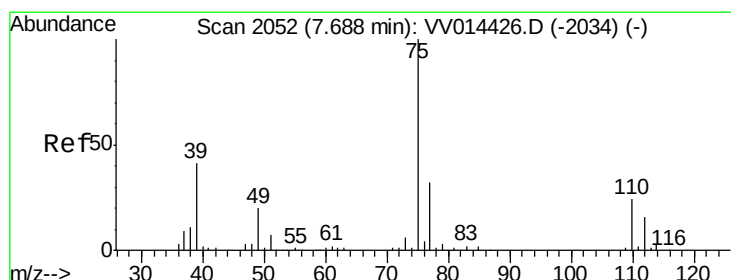
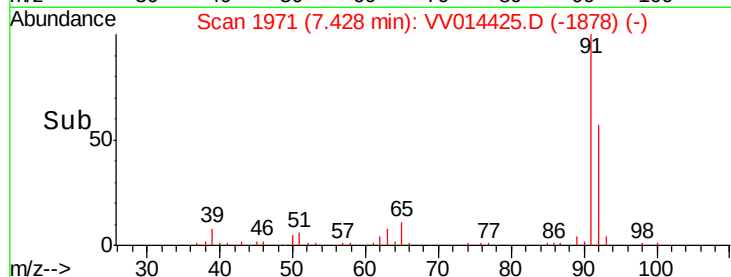
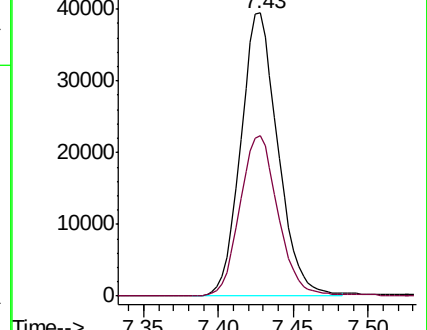
91 100

92 56.9 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.858 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV014425.D

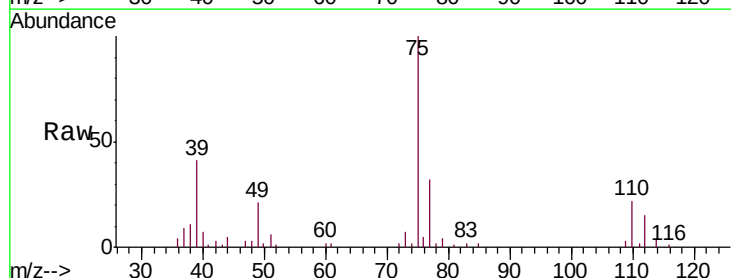
Acq: 29 Jan 2020 15:32

Tgt Ion: 75 Resp: 17522

Ion Ratio Lower Upper

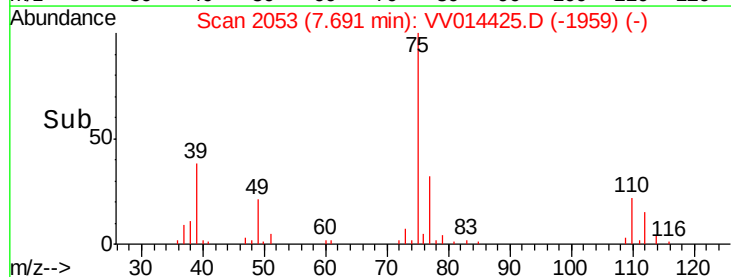
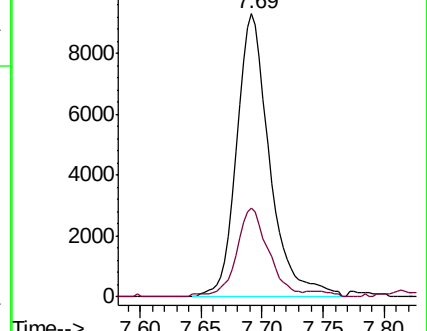
75 100

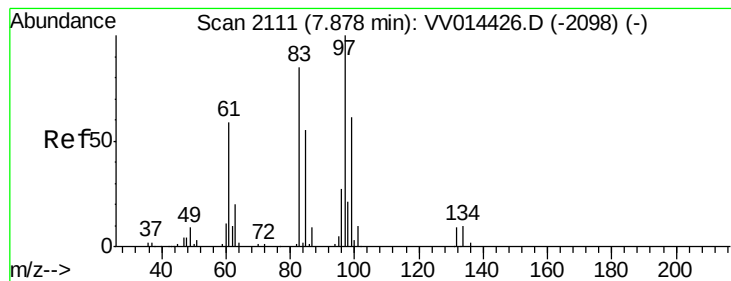
77 31.6 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#45

1,1,2-Trichloroethane

Concen: 0.927 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD00131

Tgt Ion: 97 Resp: 9988

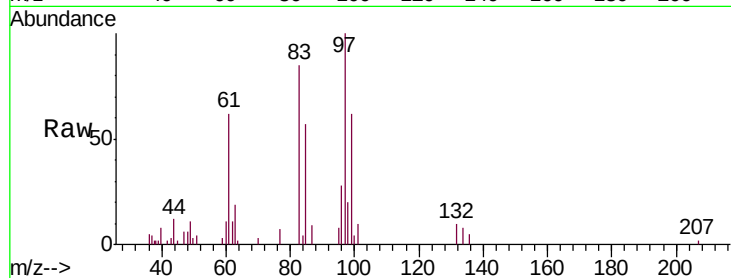
Ion Ratio Lower Upper

97 100

99 62.3 42.5 78.9

83 85.4 59.8 111.0

85 56.6 38.4 71.4



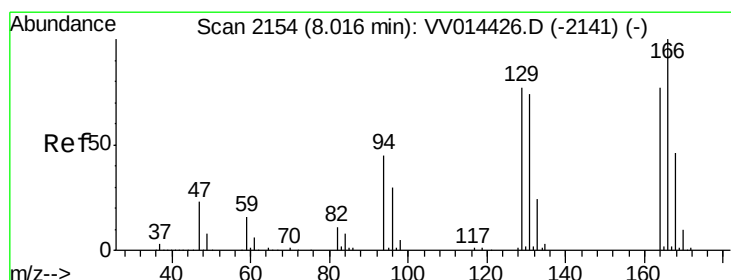
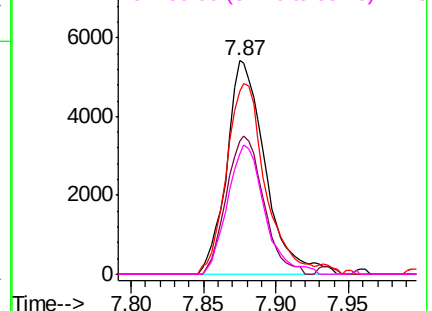
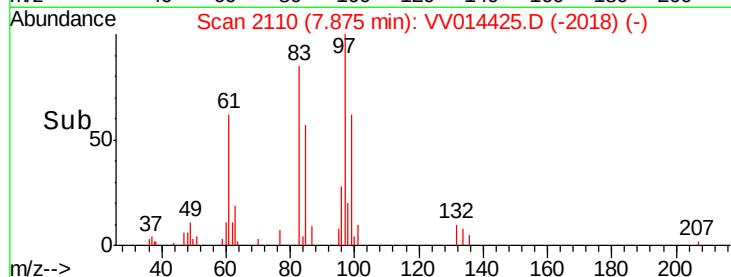
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 0.982 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Tgt Ion: 164 Resp: 11631

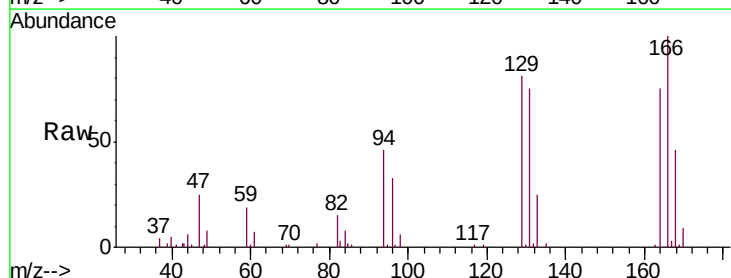
Ion Ratio Lower Upper

164 100

129 107.8 69.9 129.7

131 100.3 67.5 125.3

166 133.3 90.6 168.3



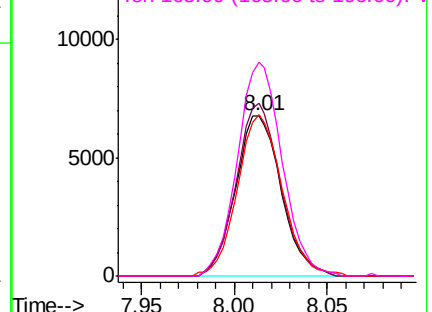
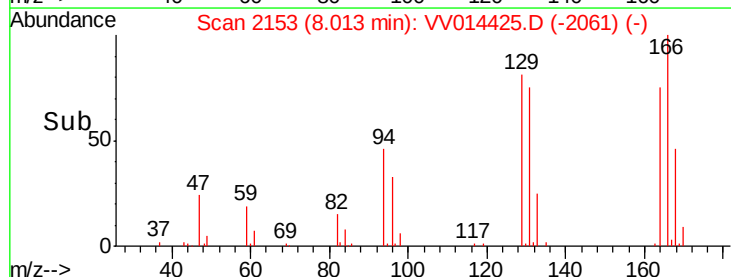
Abundance

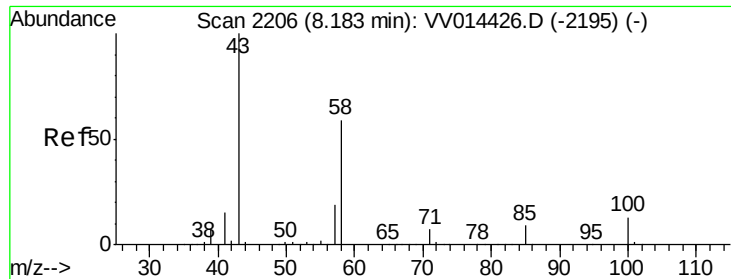
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

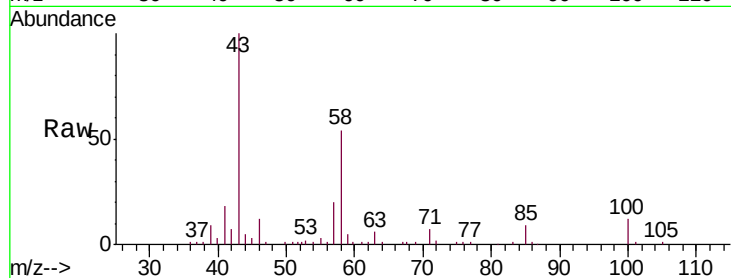




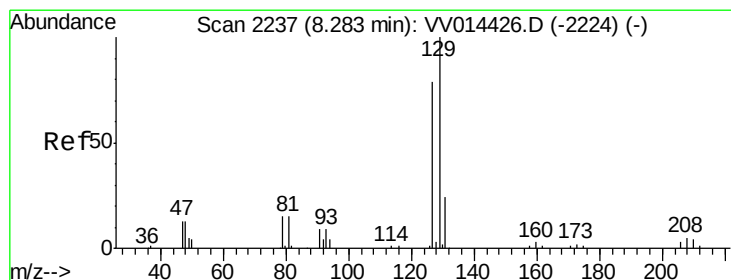
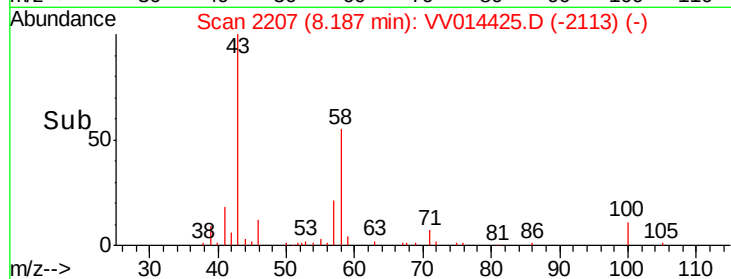
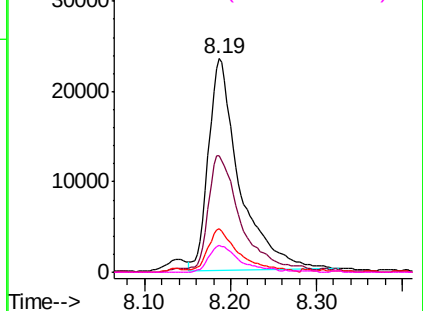
#48
2-Hexanone
Concen: 8.330 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Tgt Ion:	43	Resp:	59395
Ion	Ratio	Lower	Upper
43	100		
58	59.3	45.8	68.6
57	20.8	15.4	23.0
100	12.0	9.8	14.8

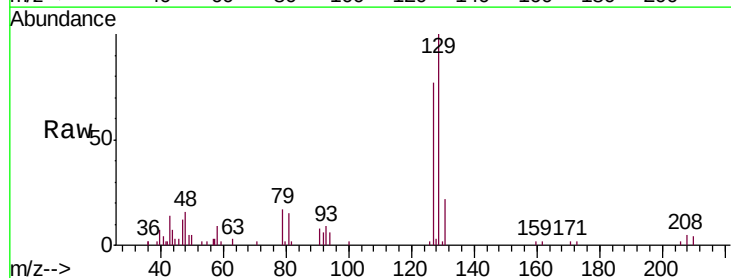


Abundance Ion 43.05 (42.75 to 43.75): VV014425.D (-2195) (-)
Ion 58.05 (57.75 to 58.75): VV014425.D (-2195) (-)
Ion 57.20 (56.90 to 57.90): VV014425.D (-2195) (-)
Ion 100.15 (99.85 to 100.85): VV014425.D (-2195) (-)

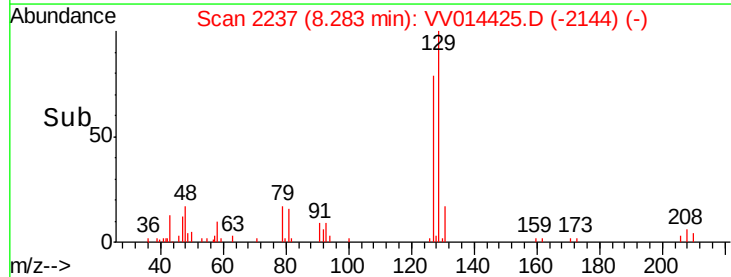
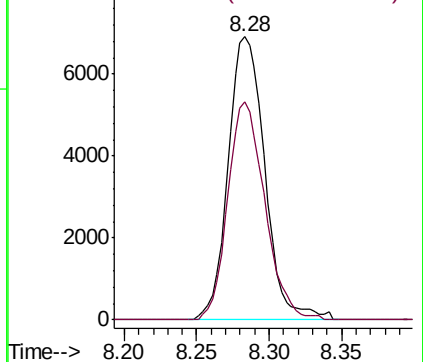


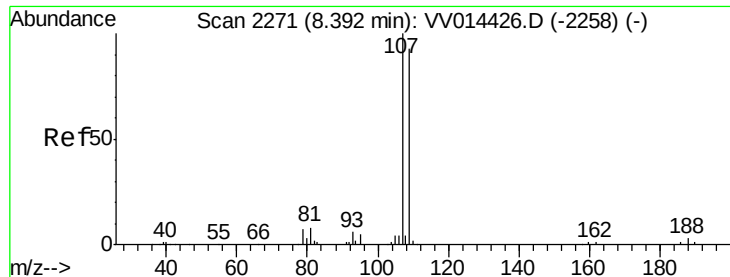
#49
Dibromochloromethane
Concen: 0.901 ug/L
RT: 8.28 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Tgt Ion:	129	Resp:	12121
Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.9	102.1



Abundance Ion 128.95 (128.65 to 129.65): VV014425.D (-2144) (-)
Ion 126.90 (126.60 to 127.60): VV014425.D (-2144) (-)

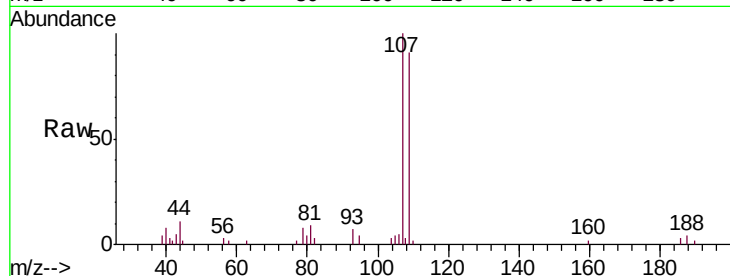




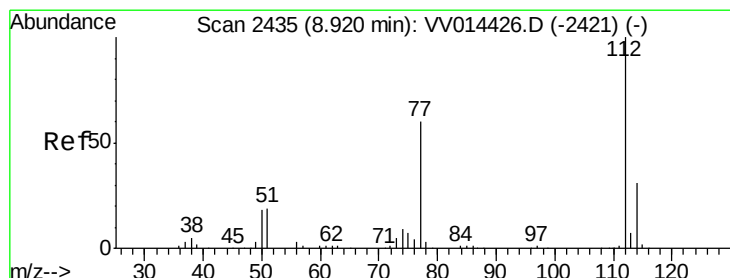
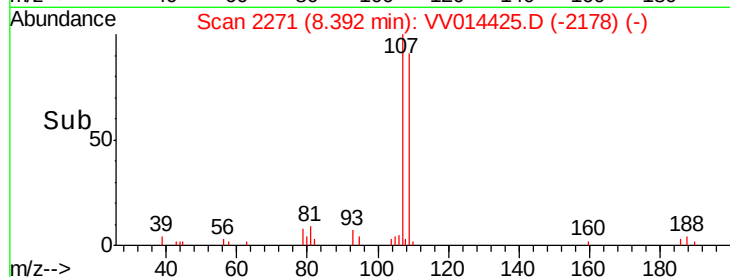
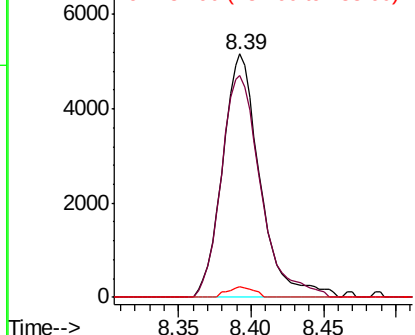
#50
1,2-Dibromoethane
Concen: 0.897 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Tgt Ion:107 Resp: 9268
Ion Ratio Lower Upper
107 100
109 91.1 65.0 120.6
188 4.2 2.7 4.1#

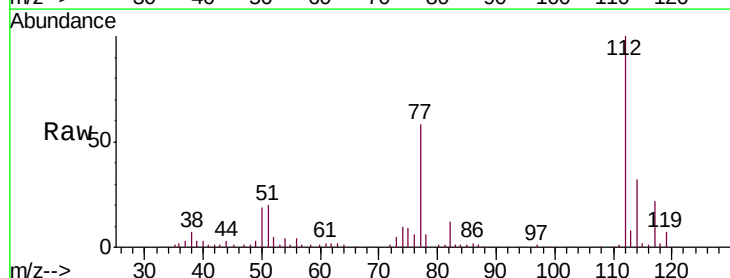


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

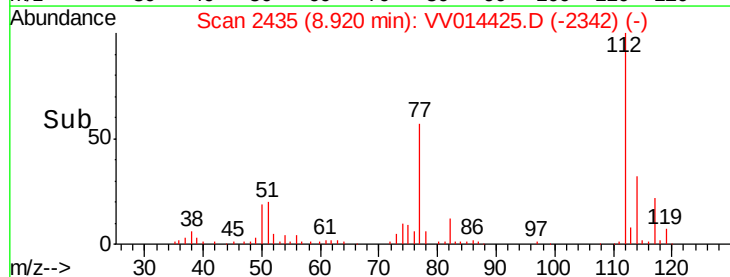
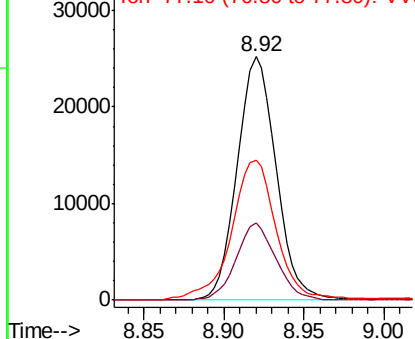


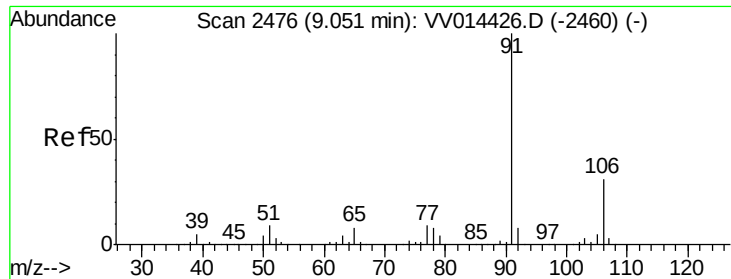
#51
Chlorobenzene
Concen: 0.960 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Tgt Ion:112 Resp: 41738
Ion Ratio Lower Upper
112 100
114 31.8 21.8 40.6
77 57.6 48.5 72.7



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): V

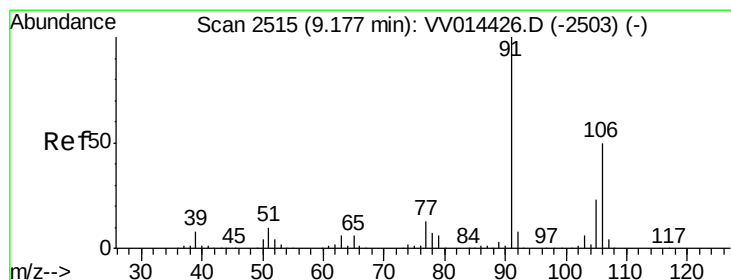
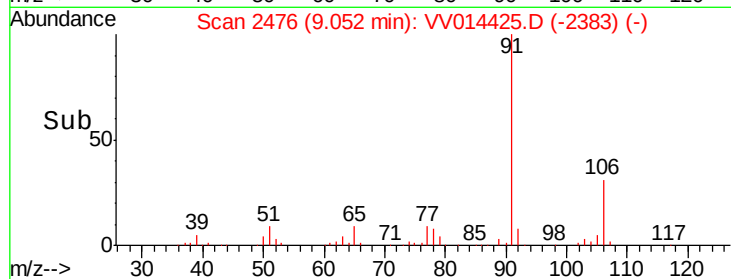
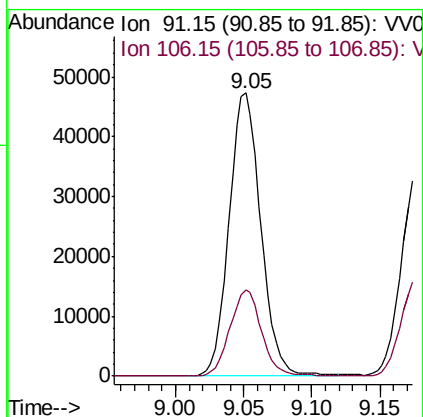
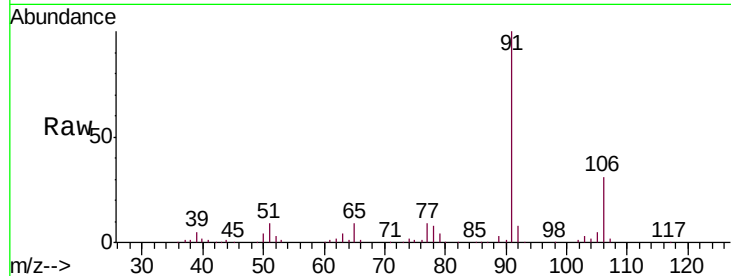




#52
Ethylbenzene
Concen: 0.970 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

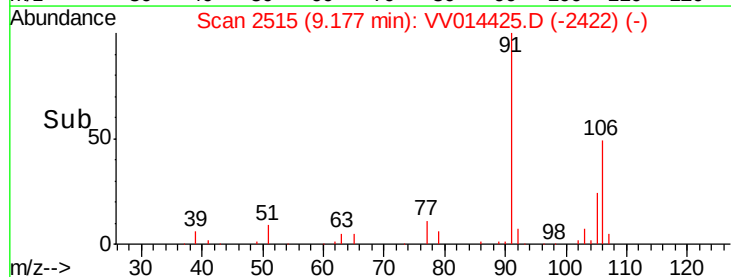
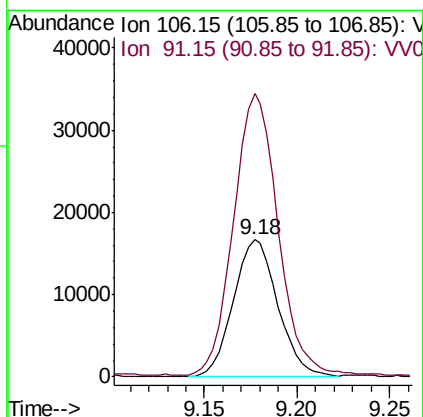
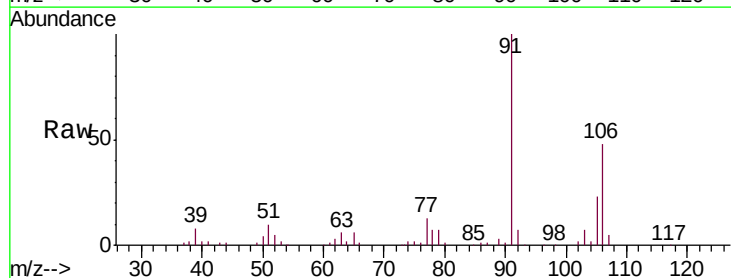
Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

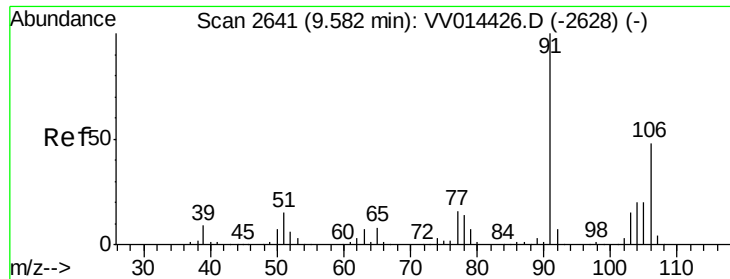
Tgt Ion: 91 Resp: 76451
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.6



#53
m,p-xylene
Concen: 0.947 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Tgt Ion: 106 Resp: 27703
Ion Ratio Lower Upper
106 100
91 206.3 139.9 259.9

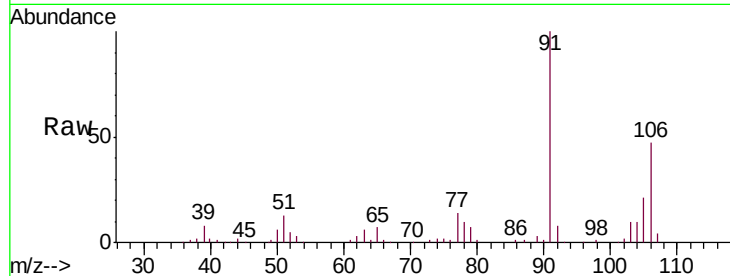




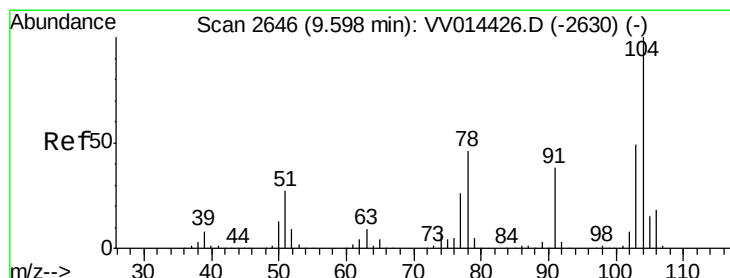
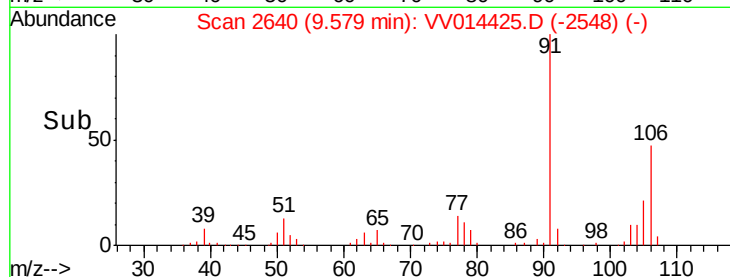
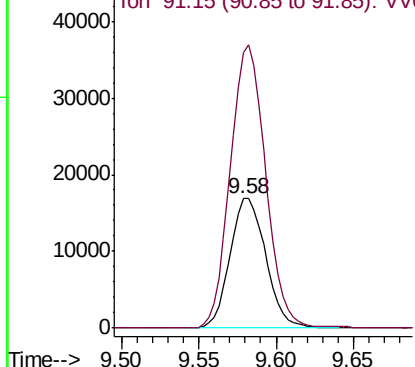
#54
o-xylene
Concen: 0.946 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Tgt Ion:106 Resp: 27175
Ion Ratio Lower Upper
106 100
91 212.7 145.9 271.1

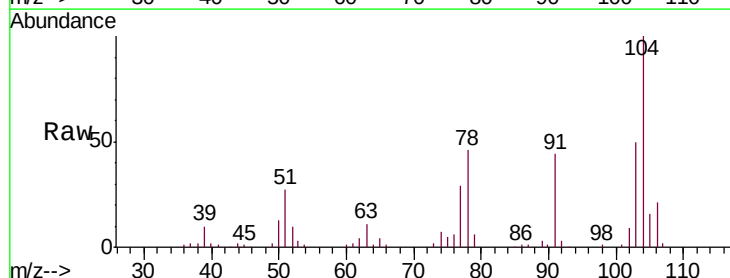


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

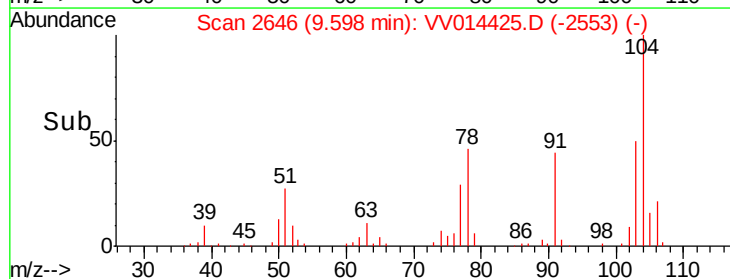
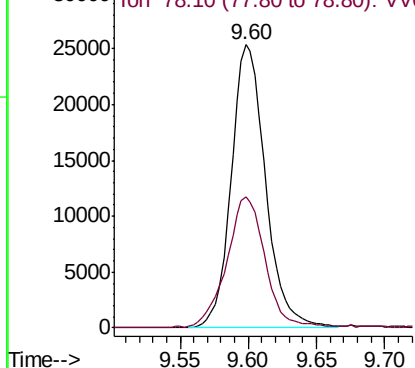


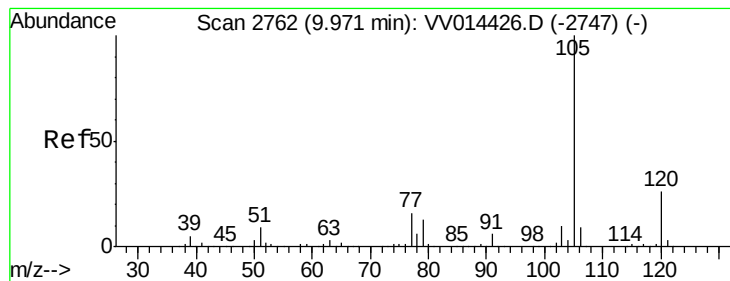
#55
Styrene
Concen: 0.915 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VV014425.D
Acq: 29 Jan 2020 15:32

Tgt Ion:104 Resp: 44260
Ion Ratio Lower Upper
104 100
78 46.2 32.3 60.1



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





#56

Isopropylbenzene

Concen: 0.951 ug/L

RT: 9.97 min Scan# 2761

Delta R.T. -0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampled :

VSTD00131

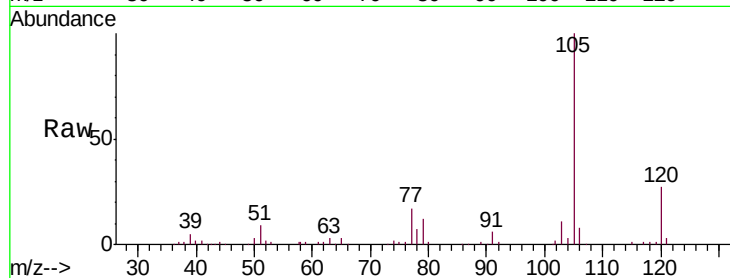
Tgt Ion: 105 Resp: 71035

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

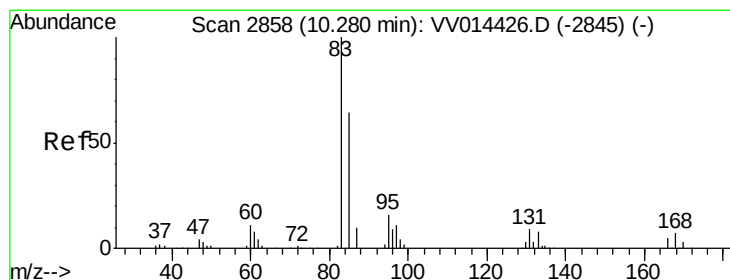
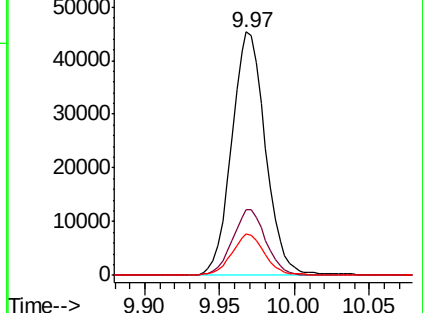
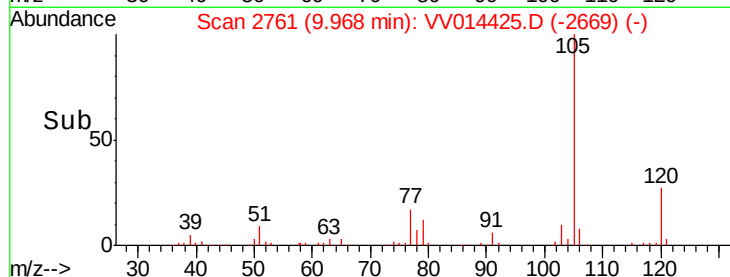
77 16.5 12.8 19.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.858 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

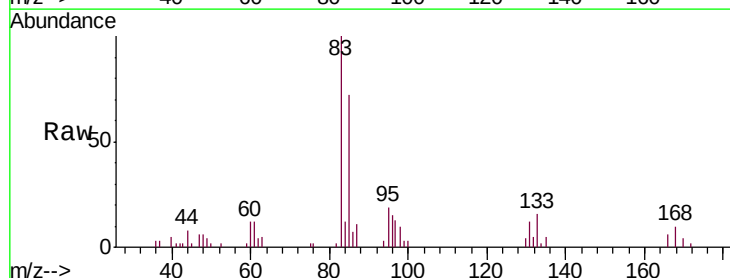
Tgt Ion: 83 Resp: 11262

Ion Ratio Lower Upper

83 100

85 71.6 45.3 84.1

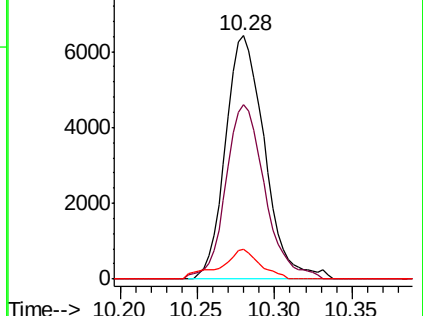
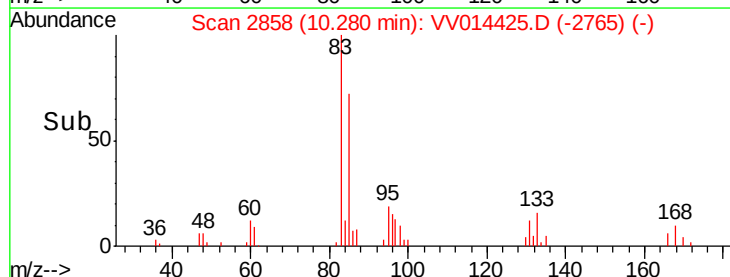
131 12.4 7.9 11.9#

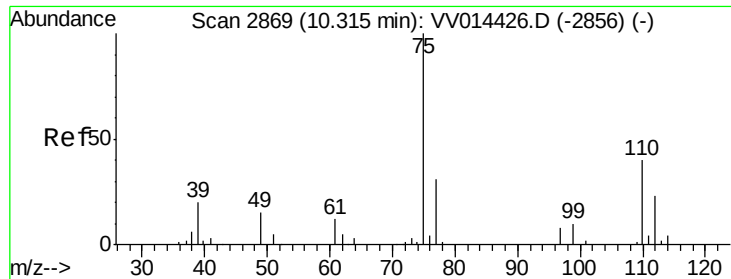


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 0.907 ug/L

RT: 10.32 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

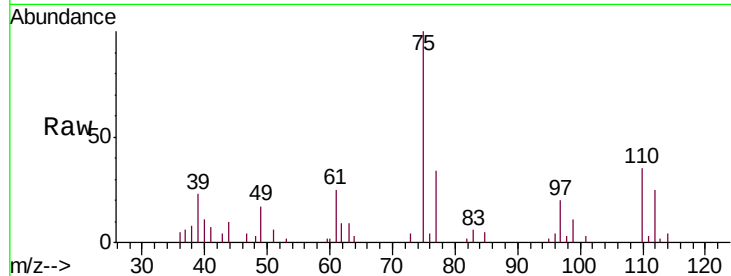
VSTD00131

Tgt Ion: 75 Resp: 8972

Ion Ratio Lower Upper

75 100

77 34.7 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VV014426.D (-2856) (-)

Ion 77.00 (76.70 to 77.70): VV014426.D (-2856) (-)

10.32

6000

5000

4000

3000

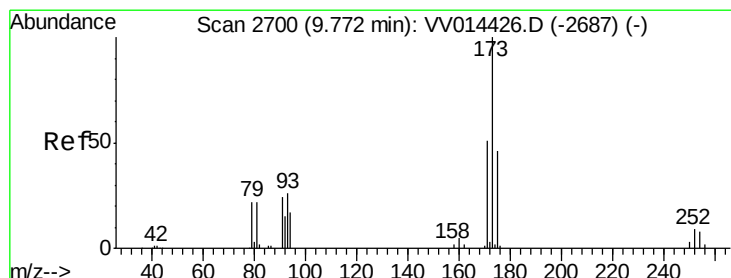
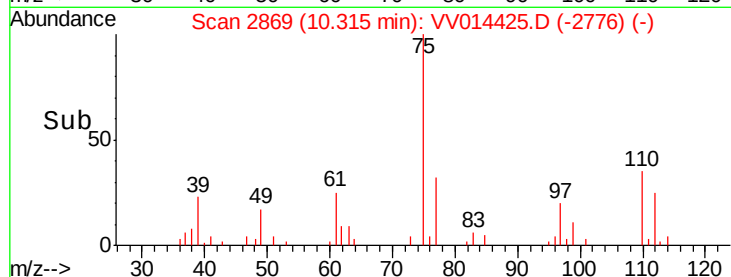
2000

1000

0

10.25 10.30 10.35

Time-->



#61

Bromoform

Concen: 0.805 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

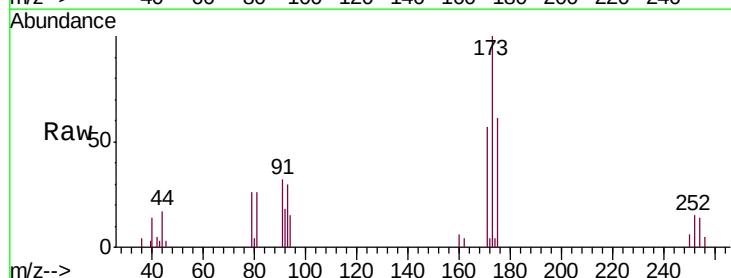
Tgt Ion: 173 Resp: 5431

Ion Ratio Lower Upper

173 100

175 53.9 38.9 58.3

254 9.4 7.0 10.4



Abundance Ion 172.90 (172.60 to 173.60): VV014426.D (-2687) (-)

Ion 174.90 (174.60 to 175.60): VV014426.D (-2687) (-)

Ion 253.75 (253.45 to 254.45): VV014426.D (-2687) (-)

9.77

4000

3000

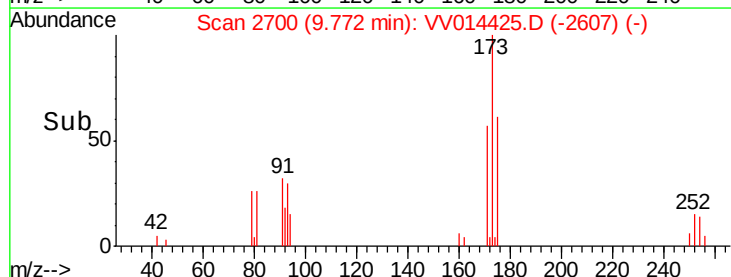
2000

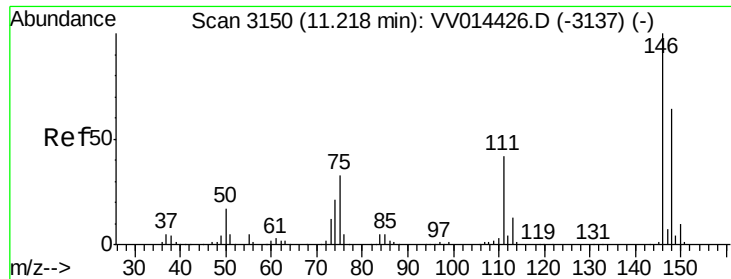
1000

0

9.70 9.75 9.80 9.85

Time-->

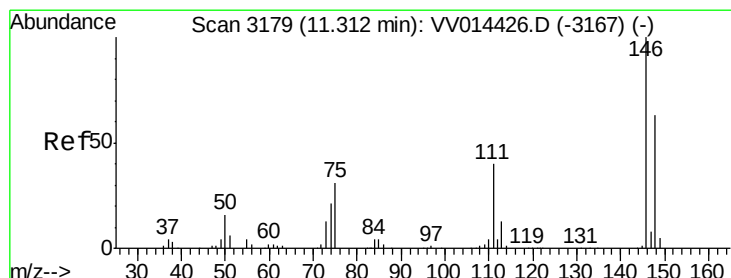
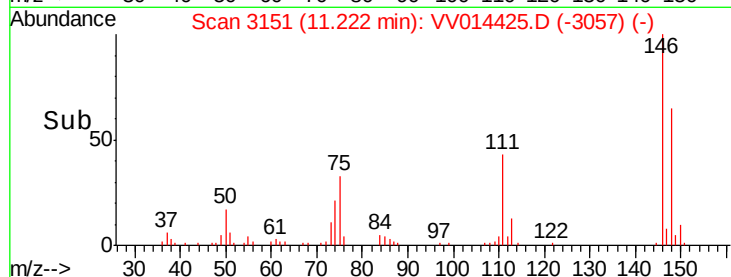
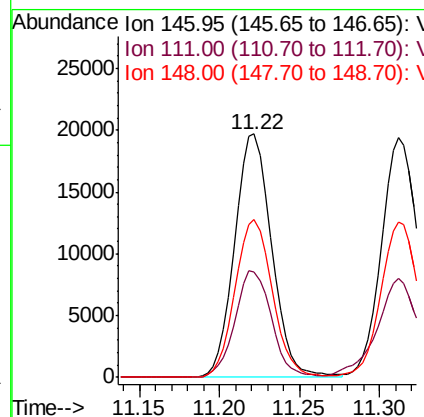
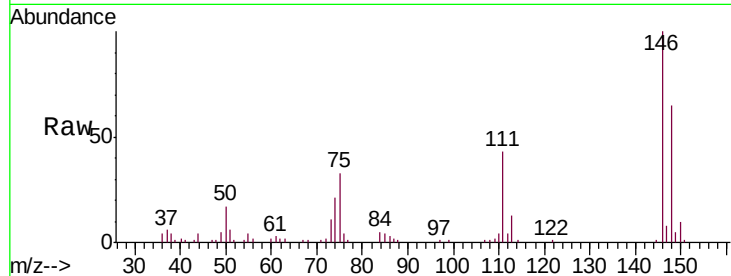




#62
 1,3-Dichlorobenzene
 Concen: 0.969 ug/L
 RT: 11.22 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

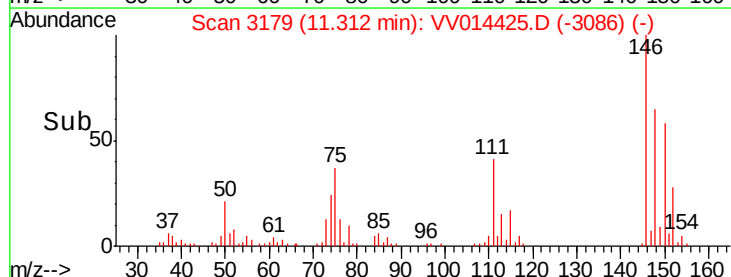
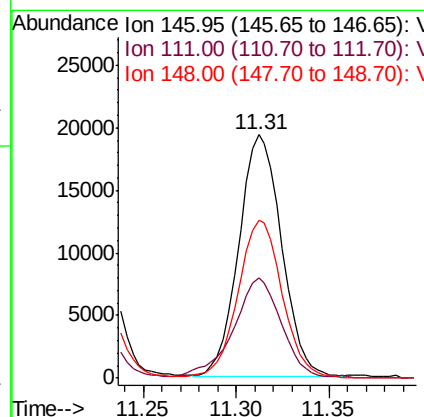
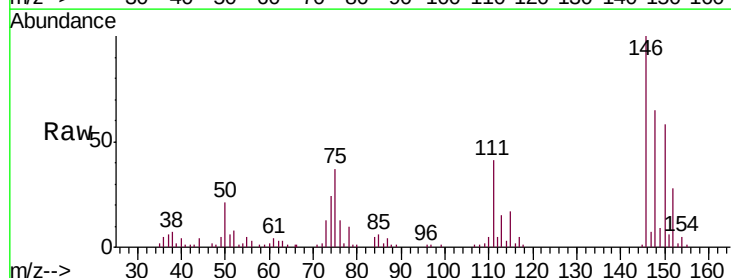
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

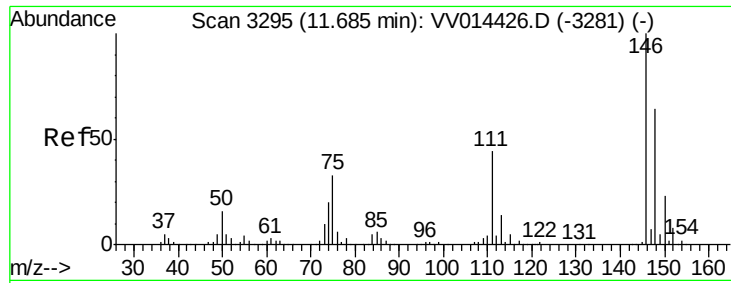
Tgt Ion:146 Resp: 31051
 Ion Ratio Lower Upper
 146 100
 111 43.4 29.5 54.7
 148 64.9 44.7 83.1



#63
 1,4-Dichlorobenzene
 Concen: 0.972 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Tgt Ion:146 Resp: 30935
 Ion Ratio Lower Upper
 146 100
 111 41.0 27.9 51.7
 148 64.8 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 0.973 ug/L

RT: 11.68 min Scan# 3295

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampled :

VSTD00131

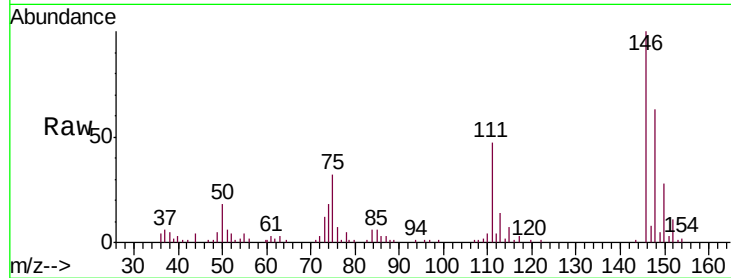
Tgt Ion: 146 Resp: 28172

Ion Ratio Lower Upper

146 100

111 46.7 35.0 52.6

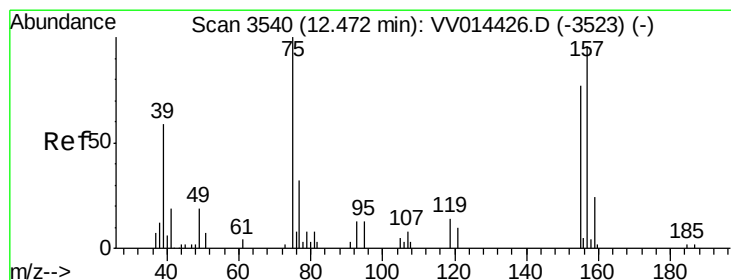
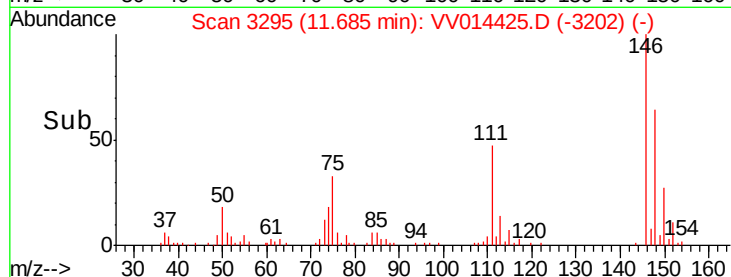
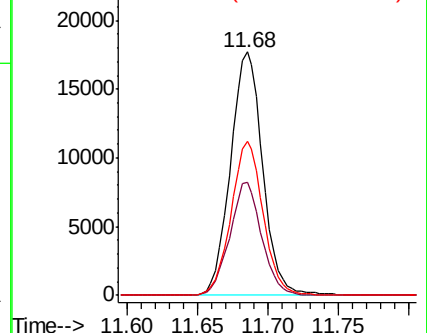
148 63.4 50.9 76.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.920 ug/L

RT: 12.47 min Scan# 3539

Delta R.T. -0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

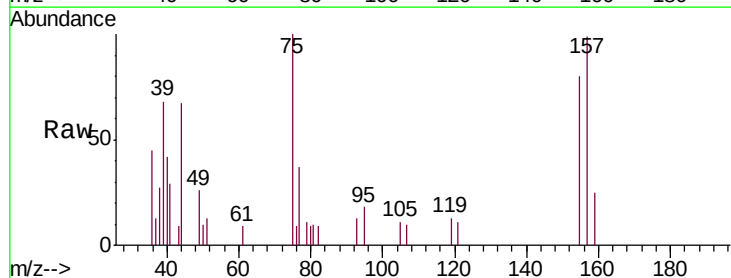
Tgt Ion: 75 Resp: 2361

Ion Ratio Lower Upper

75 100

155 79.7 61.8 92.8

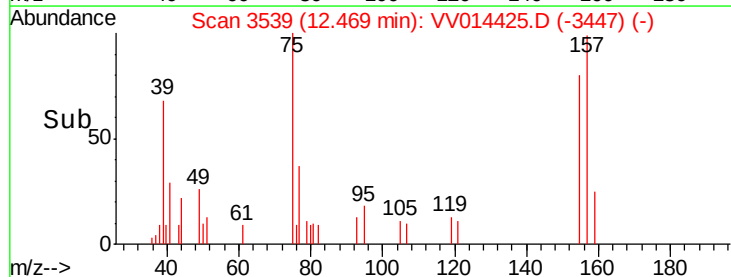
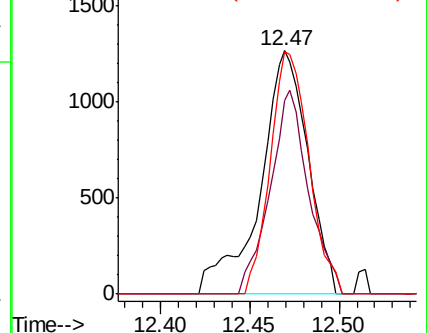
157 99.4 76.6 114.8

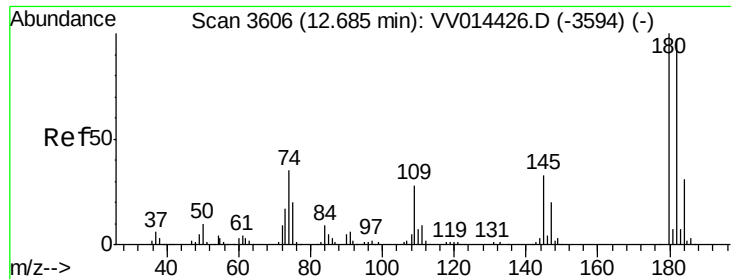


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

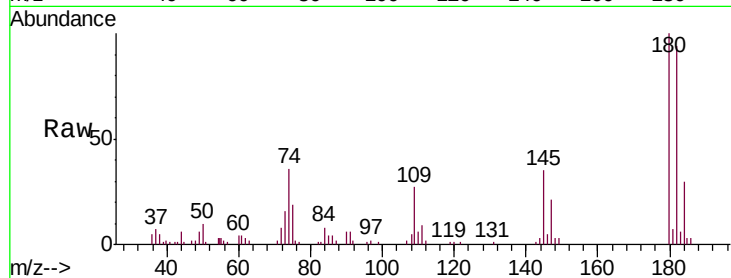




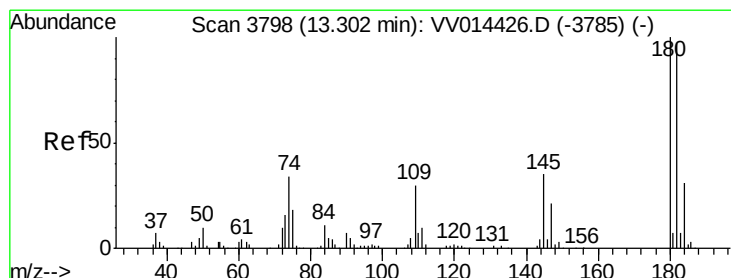
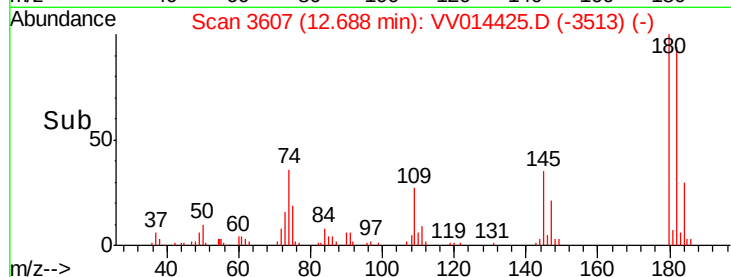
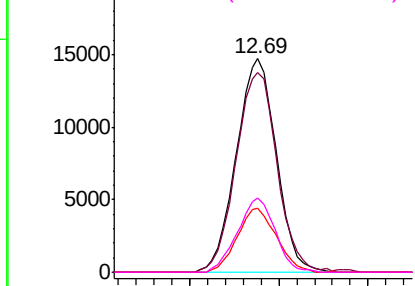
#67
 1,3,5-Trichlorobenzene
 Concen: 0.983 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Tgt Ion:180 Resp: 22888
 Ion Ratio Lower Upper
 180 100
 182 96.3 76.5 114.7
 184 29.3 23.7 35.5
 145 32.7 25.8 38.6

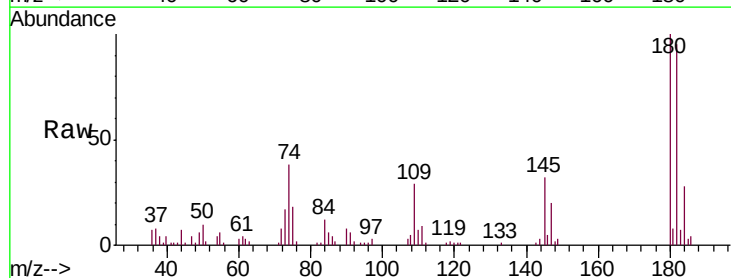


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

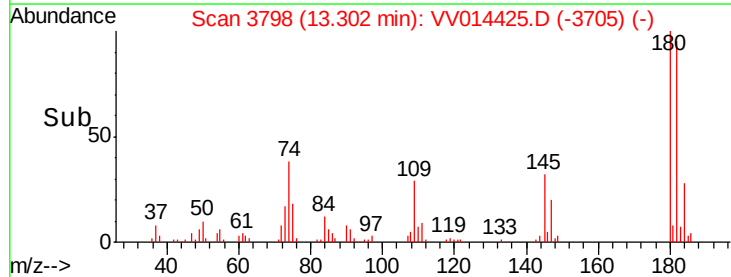
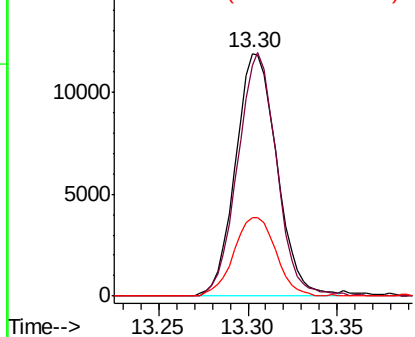


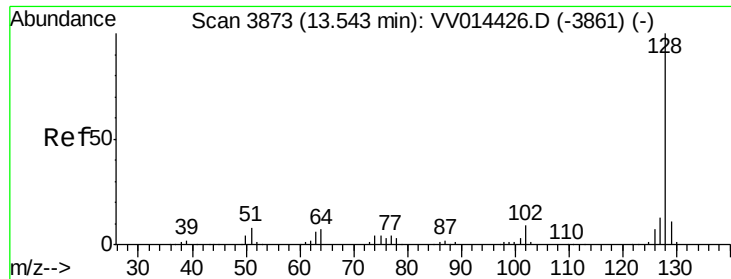
#68
 1,2,4-trichlorobenzene
 Concen: 0.944 ug/L
 RT: 13.30 min Scan# 3798
 Delta R.T. 0.00 min
 Lab File: VV014425.D
 Acq: 29 Jan 2020 15:32

Tgt Ion:180 Resp: 19200
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.5 113.3
 145 33.0 26.8 40.2



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: 0.796 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

Instrument :

MSVOA_V

ClientSampleId :

VSTD00131

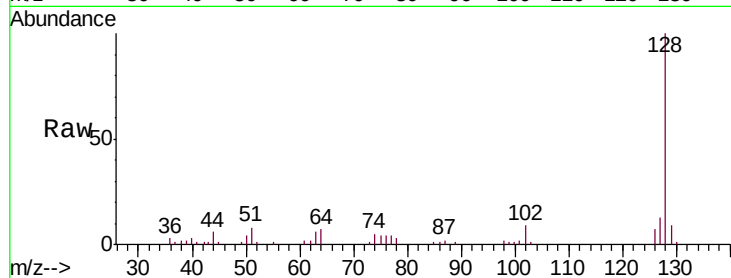
Tgt Ion:128 Resp: 31994

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

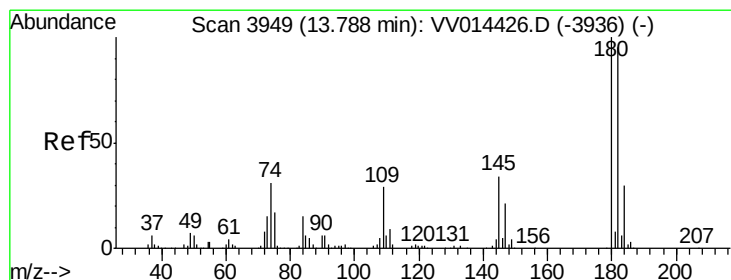
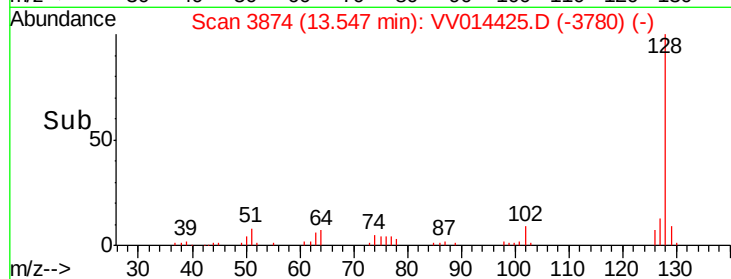
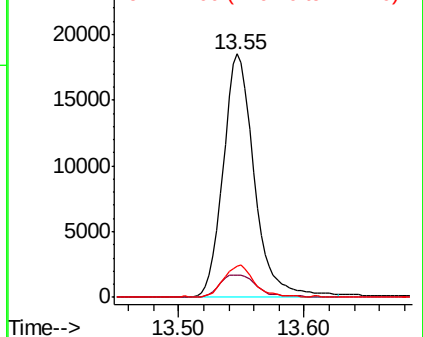
127 12.7 10.3 15.5



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: 0.956 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VV014425.D

Acq: 29 Jan 2020 15:32

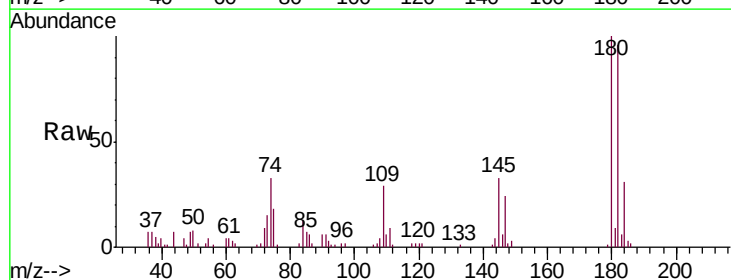
Tgt Ion:180 Resp: 17018

Ion Ratio Lower Upper

180 100

182 91.8 76.0 114.0

145 33.1 27.6 41.4



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

