

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
 Data File : VU039232.D
 Acq On : 30 Jun 2020 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Jun 30 11:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	217399	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	231105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	129134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	82653	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	71294	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	159530	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.67	46	300155	49.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.50%
24) Chloroform-d	5.10	84	168747	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.74	65	104696	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	304342	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.72	67	98465	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.92	98	259379	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.20	79	43867	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.65	63	230799	47.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.78%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	131878	6.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	103679	3.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.40%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	102703	4.772 ug/L	99
3) Chloromethane	1.53	50	99265	4.462 ug/L	97
5) Vinyl chloride	1.62	62	104139	4.693 ug/L	96
6) Bromomethane	1.88	94	50069	4.266 ug/L	98
8) Chloroethane	1.95	64	66463	4.936 ug/L	96
9) Trichlorofluoromethane	2.16	101	151144	5.083 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	79529	4.740 ug/L	97
12) 1,1-Dichloroethene	2.61	96	77532	4.834 ug/L	90
13) Acetone	2.67	43	182161	48.754 ug/L	97
14) Carbon disulfide	2.82	76	269627	4.805 ug/L	99
15) Methyl Acetate	2.99	43	42823	4.588 ug/L	95
16) Methylene chloride	3.08	84	89789	4.680 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	208892	4.838 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	80097	4.702 ug/L	94
19) 1,1-Dichloroethane	3.91	63	158800	4.882 ug/L	100
21) 2-Butanone	4.75	43	279823	47.160 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	86753	5.071 ug/L	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
 Data File : VU039232.D
 Acq On : 30 Jun 2020 09:46
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Quant Time: Jun 30 11:05:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 06:54:35 2020
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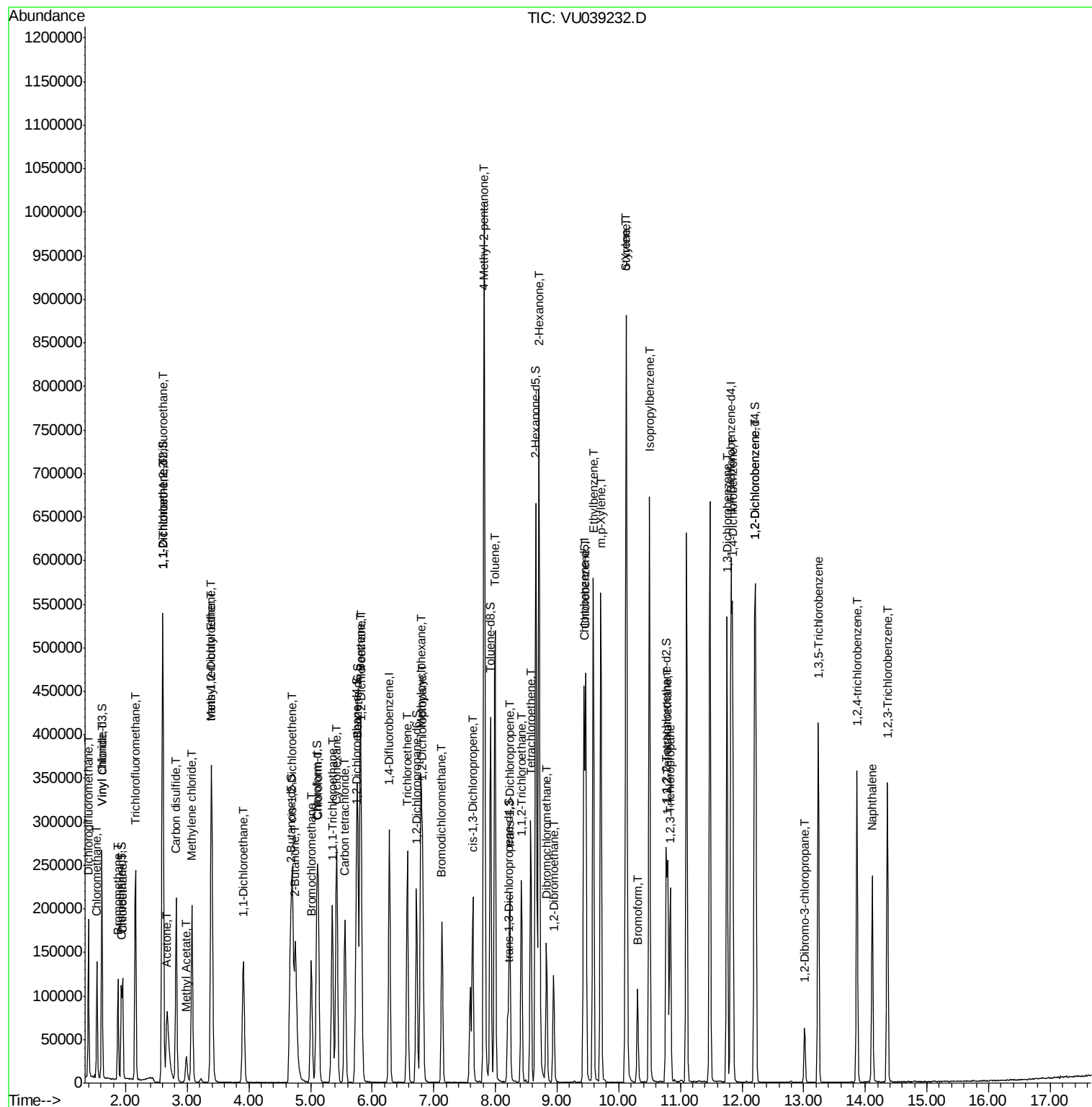
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	41481	5.022	ug/L	96
25) Chloroform	5.12	83	161936	5.000	ug/L	98
27) 1,2-Dichloroethane	5.83	62	119949	5.011	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	145981	4.715	ug/L	99
30) Cyclohexane	5.42	56	122759	4.227	ug/L	99
31) Carbon tetrachloride	5.56	117	121876	4.679	ug/L	97
33) Benzene	5.81	78	342812	4.603	ug/L	100
34) Trichloroethene	6.57	95	88110	4.628	ug/L	98
35) Methylcyclohexane	6.79	83	121032	4.265	ug/L	100
37) 1,2-Dichloropropane	6.82	63	88660	4.486	ug/L	98
38) Bromodichloromethane	7.13	83	118133	4.686	ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	119315	4.205	ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	657807	46.087	ug/L	99
42) Toluene	7.99	91	358389	4.820	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	116950	4.195	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	69470	4.745	ug/L	98
47) Tetrachloroethene	8.57	164	63680	4.650	ug/L	95
48) 2-Hexanone	8.71	43	520104	47.736	ug/L	99
49) Dibromochloromethane	8.83	129	79414	4.709	ug/L	98
50) 1,2-Dibromoethane	8.94	107	66945	4.686	ug/L #	100
51) Chlorobenzene	9.47	112	230150	4.860	ug/L	98
52) Ethylbenzene	9.59	91	391524	4.907	ug/L	99
53) m,p-Xylene	9.71	106	152437	5.184	ug/L	99
54) o-Xylene	10.11	106	140972	4.982	ug/L	97
55) Styrene	10.13	104	256563	5.227	ug/L	97
56) Isopropylbenzene	10.50	105	403103	5.354	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	118548	6.067	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	92061	6.190	ug/L	99
61) Bromoform	10.31	173	46330	4.419	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	195052	4.682	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	194494	4.661	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	165472	4.162	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17180	4.254	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	117516	3.908	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	101143	3.853	ug/L	97
69) Naphthalene	14.11	128	184043	3.733	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	98691	4.060	ug/L	99

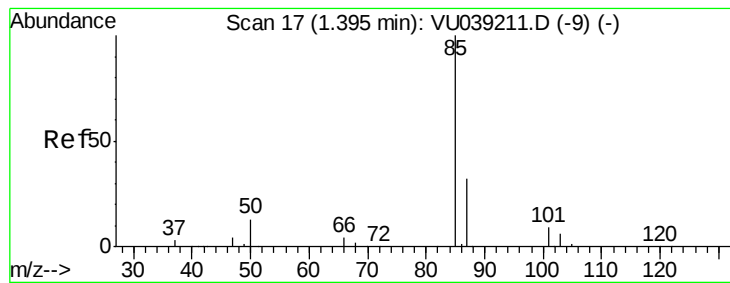
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU062920\
Data File : VU039232.D
Acq On : 30 Jun 2020 09:46
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Quant Time: Jun 30 11:05:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 30 06:54:35 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 4.772 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

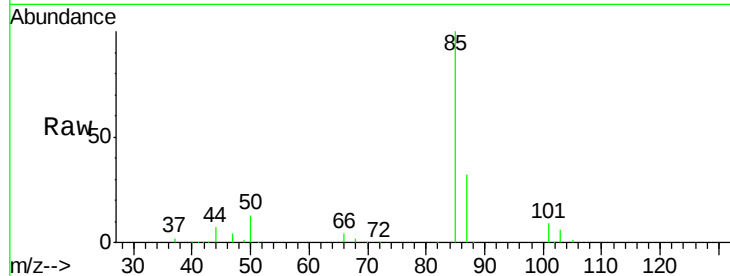
VSTD00523

Tgt Ion: 85 Resp: 102703

Ion Ratio Lower Upper

85 100

87 31.5 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VU039211.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU039211.D (-9) (-)

120000

100000

80000

60000

40000

20000

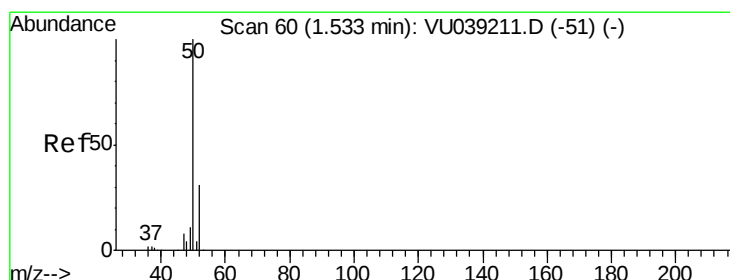
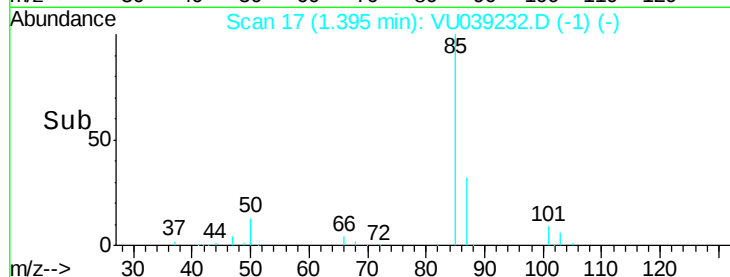
0

1.35

1.40

1.45

Time-->



#3

Chloromethane

Concen: 4.462 ug/L

RT: 1.53 min Scan# 60

Delta R.T. -0.00 min

Lab File: VU039232.D

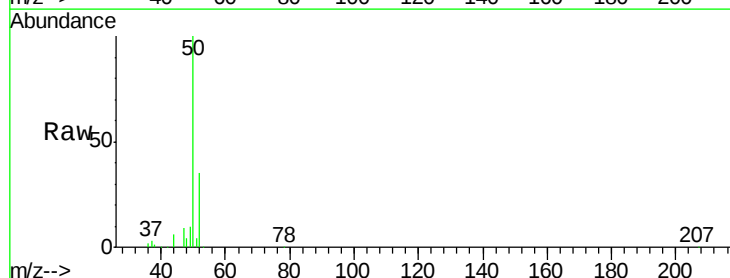
Acq: 30 Jun 2020 09:46

Tgt Ion: 50 Resp: 99265

Ion Ratio Lower Upper

50 100

52 34.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VU039211.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU039211.D (-51) (-)

80000

60000

40000

20000

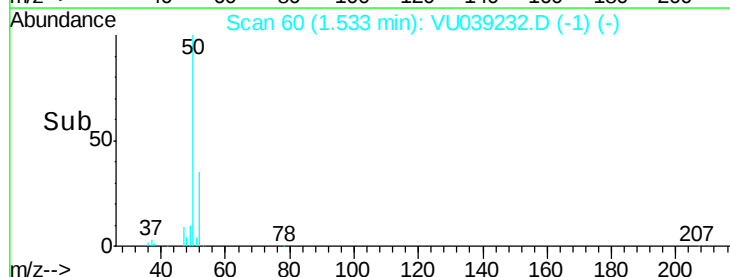
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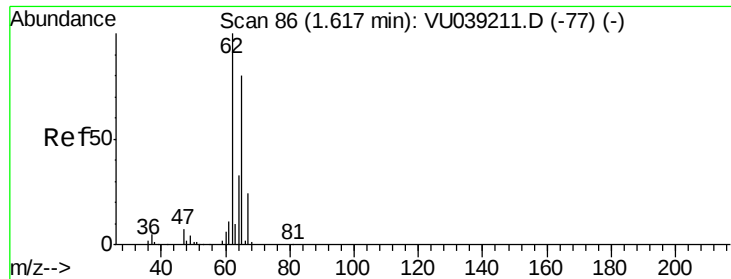
1.50

1.55

1.60

Time-->





#5

Vinyl chloride

Concen: 4.693 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

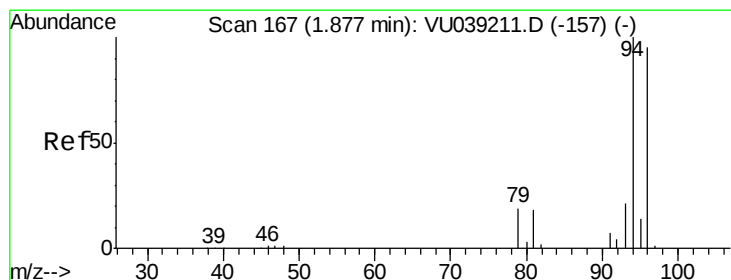
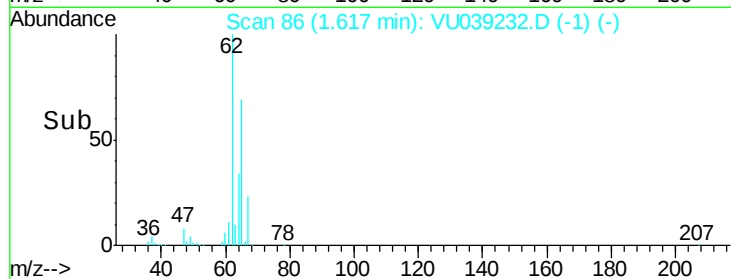
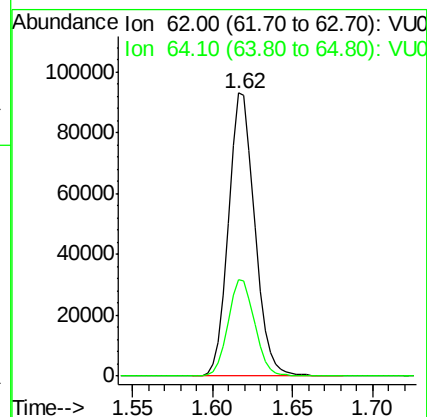
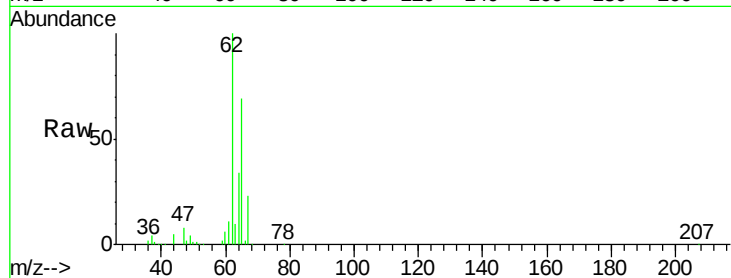
VSTD00523

Tgt Ion: 62 Resp: 104139

Ion Ratio Lower Upper

62 100

64 34.3 22.3 41.3



#6

Bromomethane

Concen: 4.266 ug/L

RT: 1.88 min Scan# 167

Delta R.T. -0.00 min

Lab File: VU039232.D

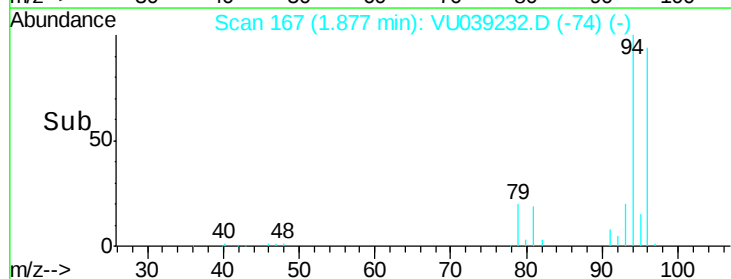
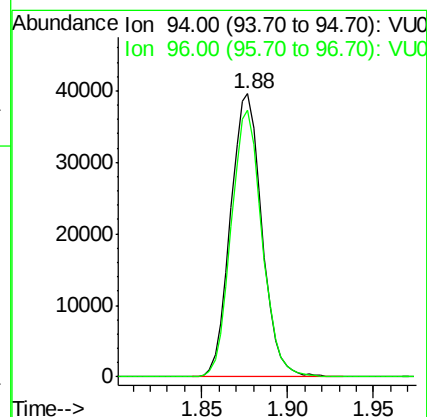
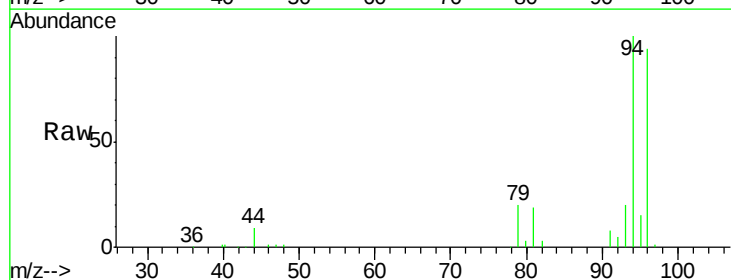
Acq: 30 Jun 2020 09:46

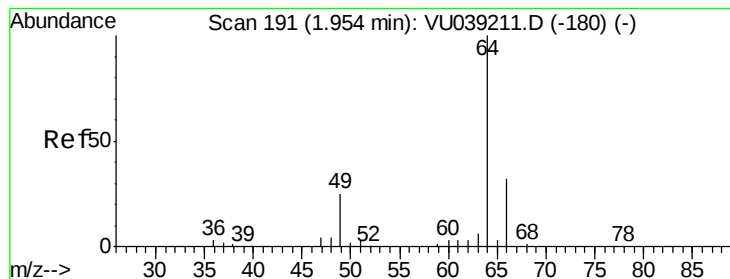
Tgt Ion: 94 Resp: 50069

Ion Ratio Lower Upper

94 100

96 94.1 64.5 119.9





#8

Chloroethane

Concen: 4.936 ug/L

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

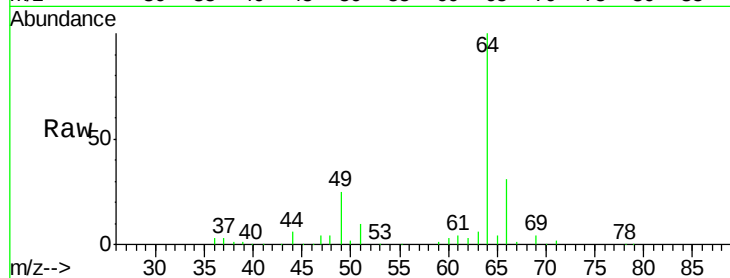
VSTD00523

Tgt Ion: 64 Resp: 66463

Ion Ratio Lower Upper

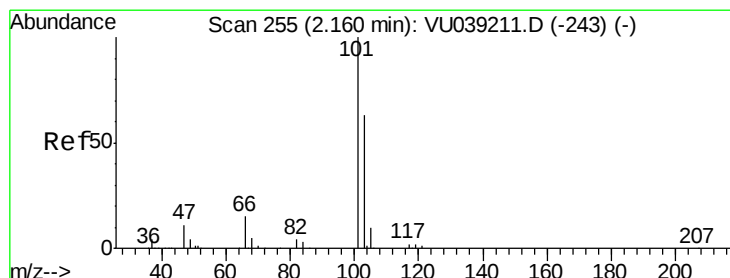
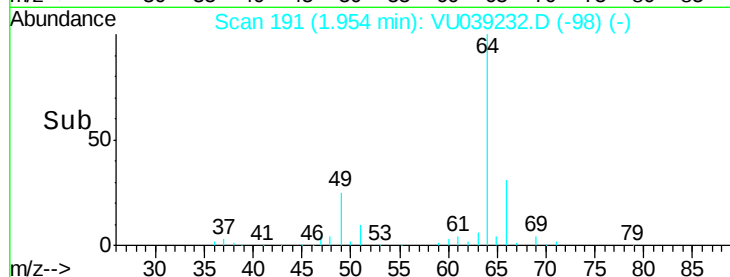
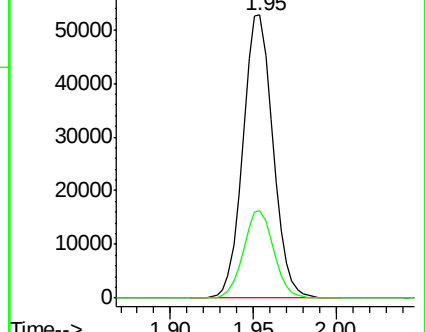
64 100

66 31.1 23.4 43.6



Abundance Ion 64.10 (63.80 to 64.80): VU039211.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU039211.D (-180) (-)



#9

Trichlorofluoromethane

Concen: 5.083 ug/L

RT: 2.16 min Scan# 255

Delta R.T. -0.00 min

Lab File: VU039232.D

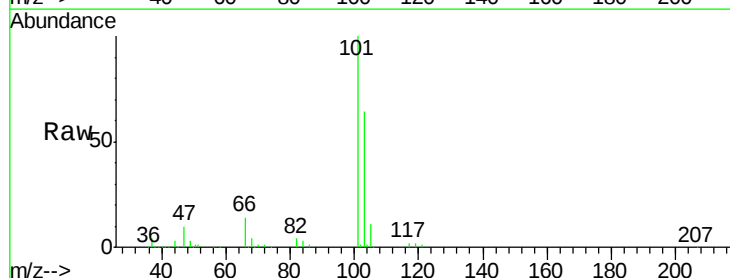
Acq: 30 Jun 2020 09:46

Tgt Ion: 101 Resp: 151144

Ion Ratio Lower Upper

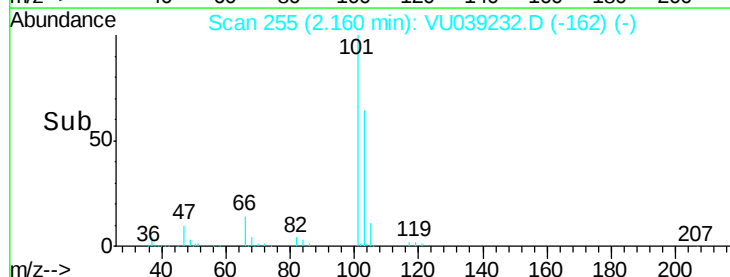
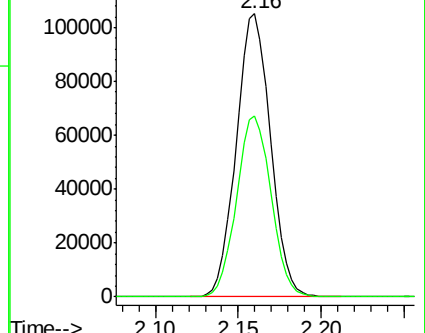
101 100

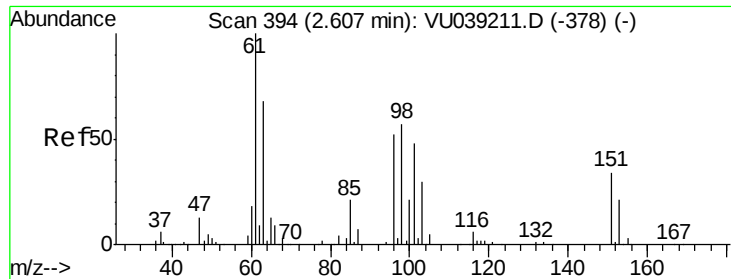
103 64.6 51.7 77.5



Abundance Ion 101.00 (100.70 to 101.70): VU039211.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU039211.D (-243) (-)





#10

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

Concen: 4.740 ug/L

RT: 2.60 min Scan# 393

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD00523

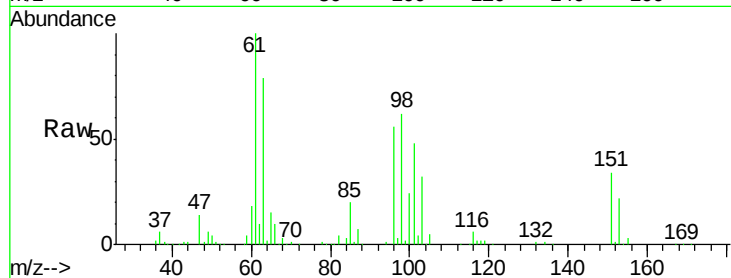
Tgt Ion:101 Resp: 79529

Ion Ratio Lower Upper

101 100

85 45.2 36.0 54.0

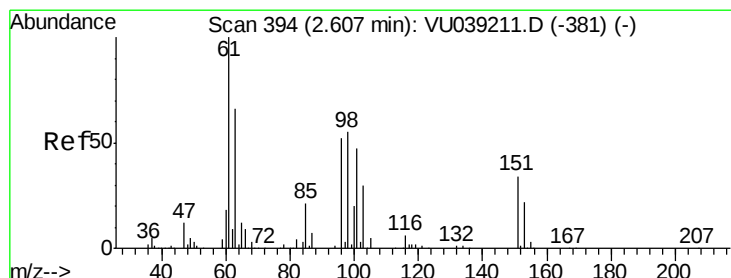
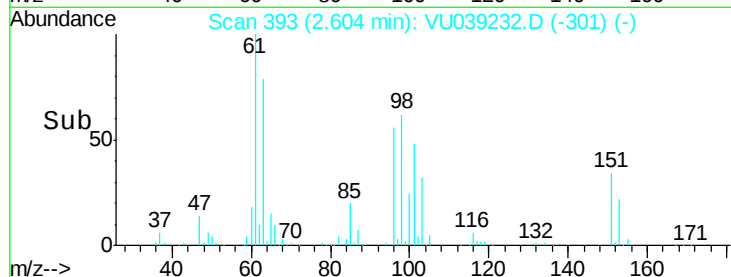
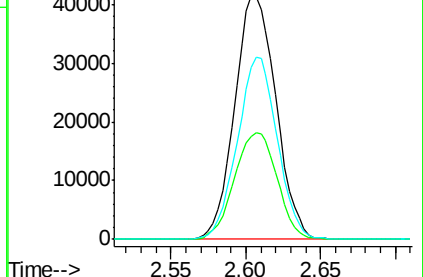
151 72.5 54.7 82.1



Abundance Ion 101.00 (100.70 to 101.70): VU039232.D (-301) (-)

Ion 85.00 (84.70 to 85.70): VU039232.D (-301) (-)

Ion 151.00 (150.70 to 151.70): VU039232.D (-301) (-)



#12

1,1-Dichloroethene

Concen: 4.834 ug/L

RT: 2.61 min Scan# 394

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

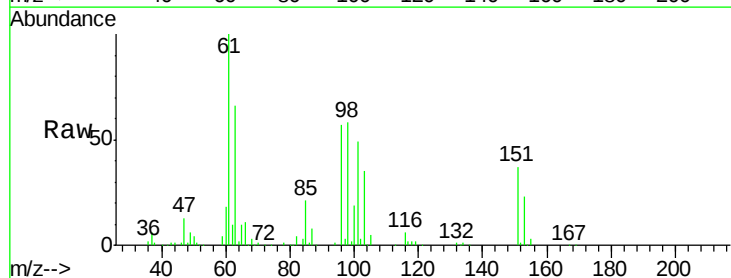
Tgt Ion: 96 Resp: 77532

Ion Ratio Lower Upper

96 100

61 174.2 128.7 239.1

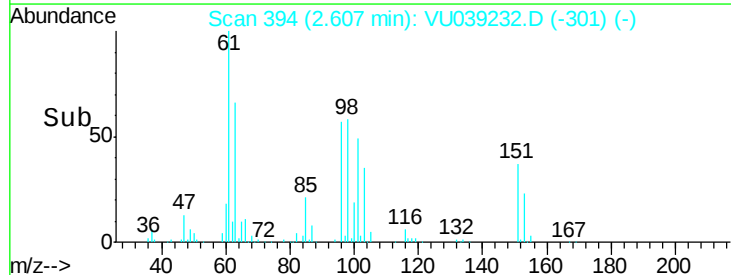
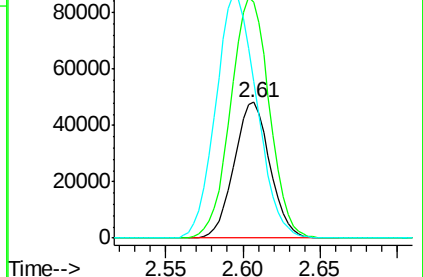
63 115.5 92.3 171.3

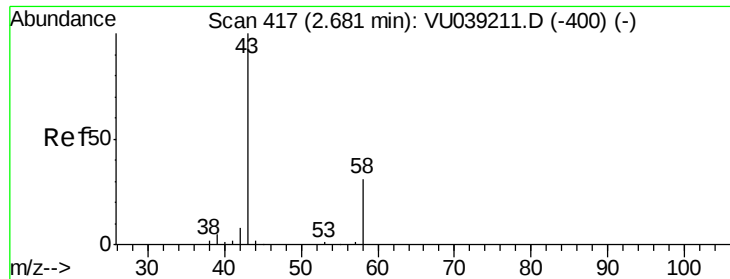


Abundance Ion 96.00 (95.70 to 96.70): VU039232.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU039232.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU039232.D (-301) (-)





#13

Acetone

Concen: 48.754 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

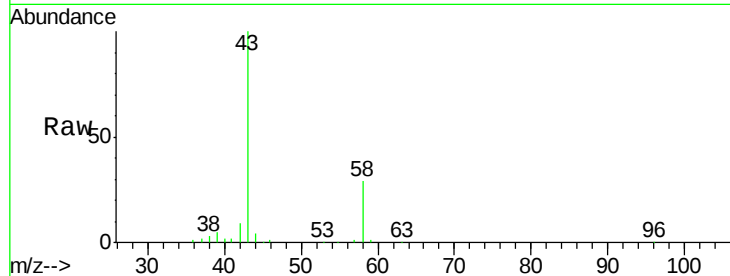
VSTD00523

Tgt Ion: 43 Resp: 182161

Ion Ratio Lower Upper

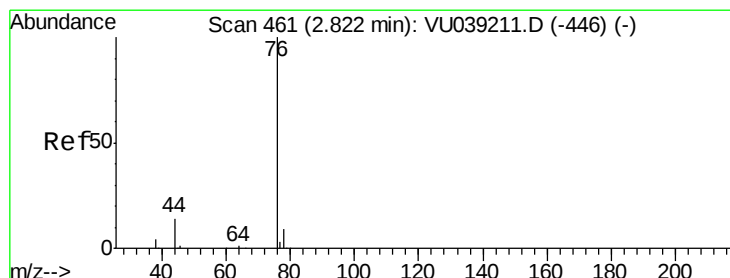
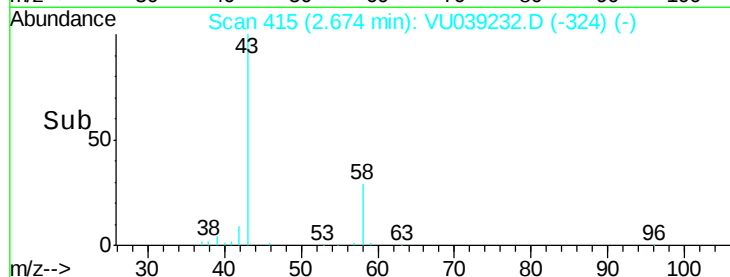
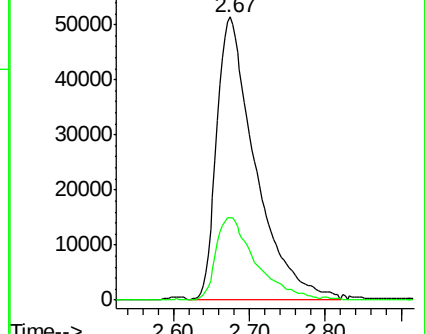
43 100

58 29.9 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU039232.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU039232.D (-324) (-)



#14

Carbon disulfide

Concen: 4.805 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU039232.D

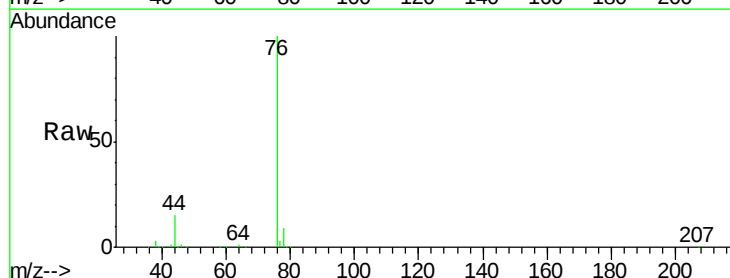
Acq: 30 Jun 2020 09:46

Tgt Ion: 76 Resp: 269627

Ion Ratio Lower Upper

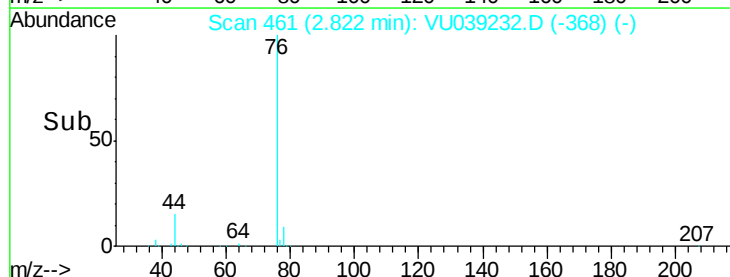
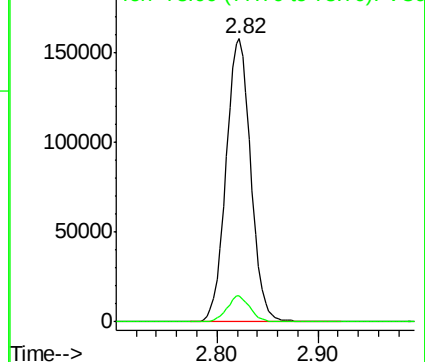
76 100

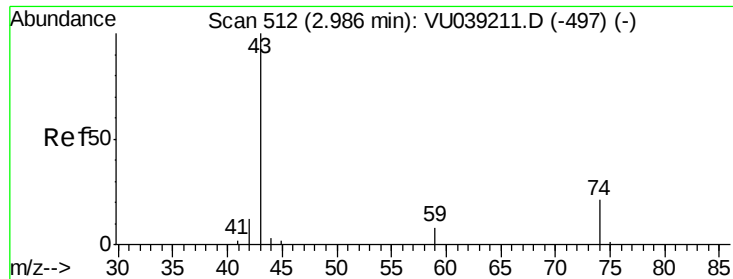
78 9.1 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU039232.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU039232.D (-368) (-)

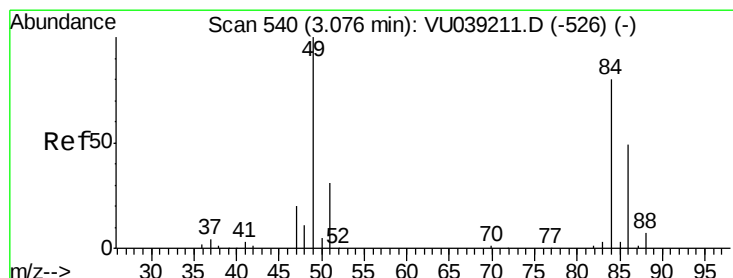
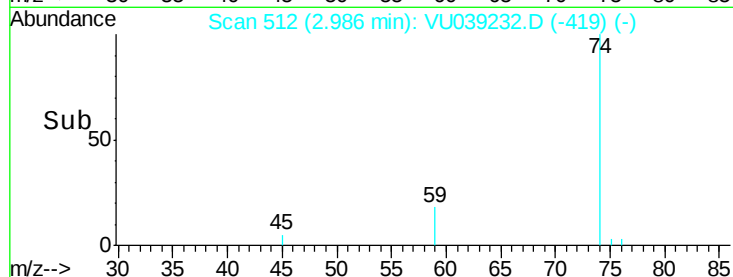
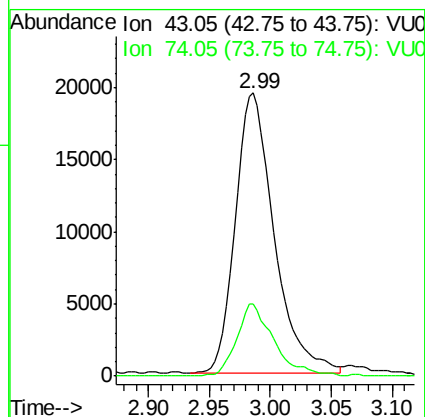
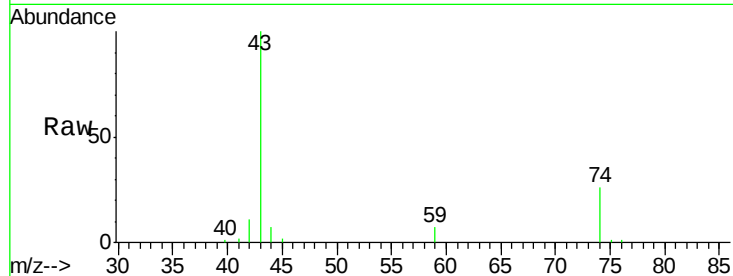




#15
Methyl Acetate
Concen: 4.588 ug/L
RT: 2.99 min Scan# 512
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

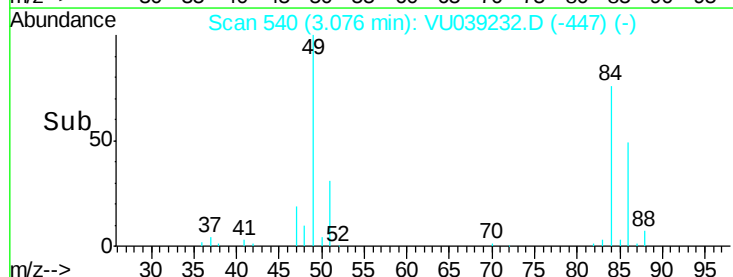
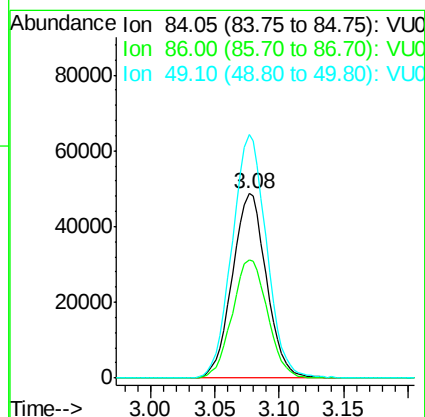
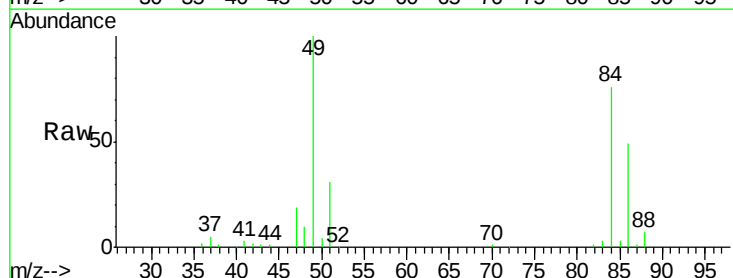
Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

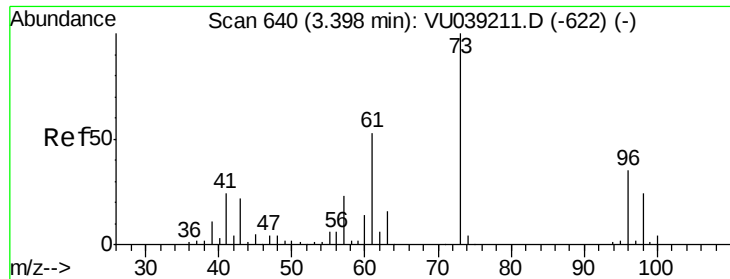
Tgt Ion: 43 Resp: 42823
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.6



#16
Methylene chloride
Concen: 4.680 ug/L
RT: 3.08 min Scan# 540
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Tgt Ion: 84 Resp: 89789
Ion Ratio Lower Upper
84 100
86 64.2 44.2 82.2
49 131.9 93.2 173.0

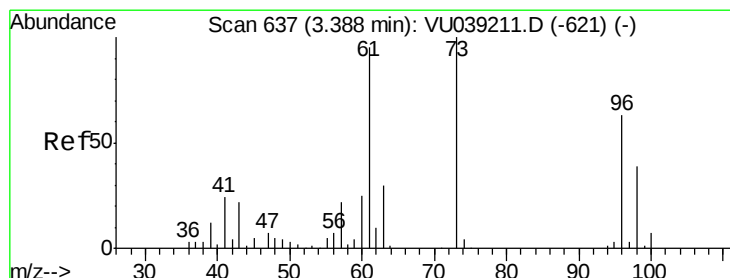
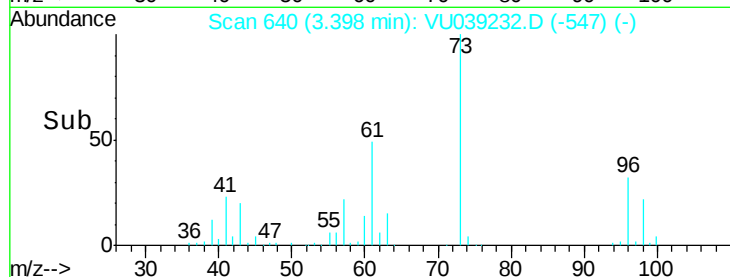
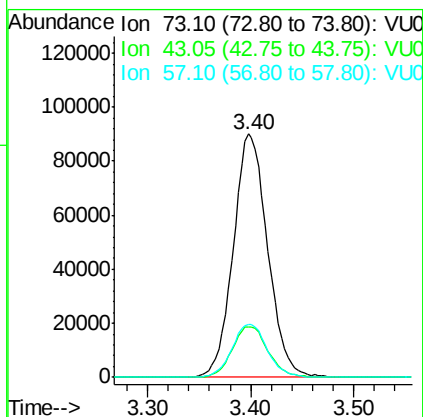
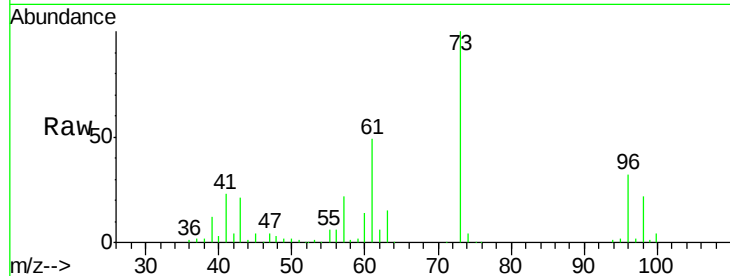




#17
Methyl tert-butyl Ether
Concen: 4.838 ug/L
RT: 3.40 min Scan# 640
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

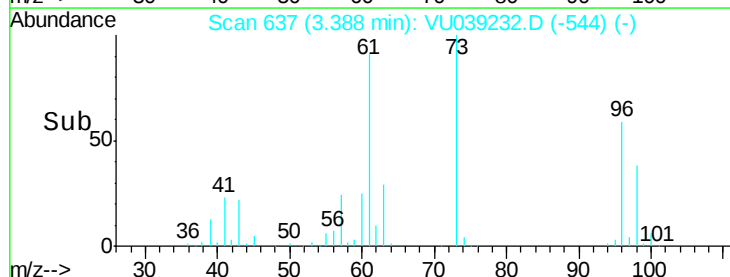
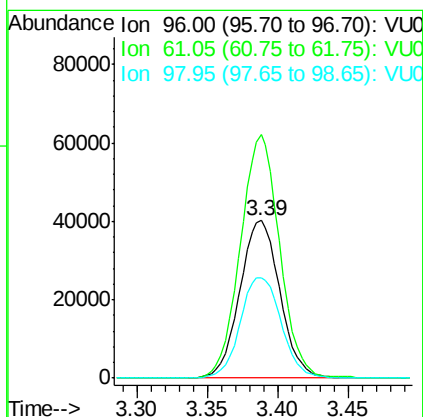
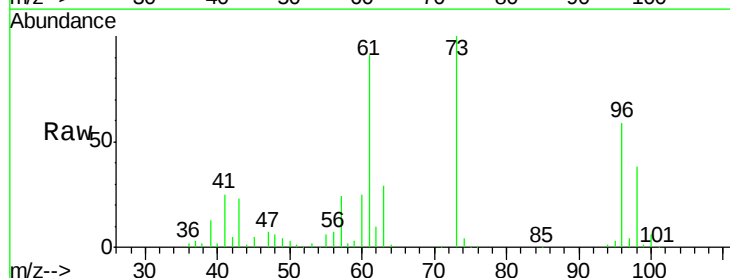
Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

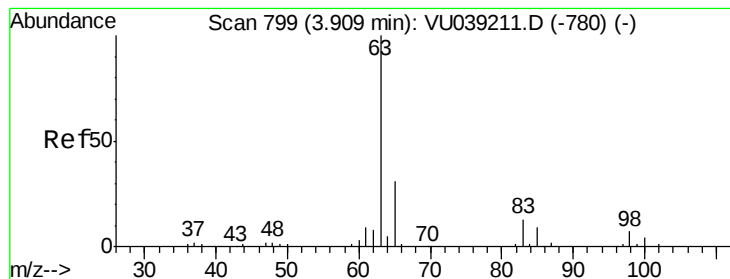
Tgt Ion: 73 Resp: 208892
Ion Ratio Lower Upper
73 100
43 21.7 17.4 26.0
57 22.4 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.702 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Tgt Ion: 96 Resp: 80097
Ion Ratio Lower Upper
96 100
61 154.7 100.5 186.7
98 64.0 44.7 83.1





#19

1,1-Dichloroethane

Concen: 4.882 ug/L

RT: 3.91 min Scan# 800

Delta R.T. 0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD00523

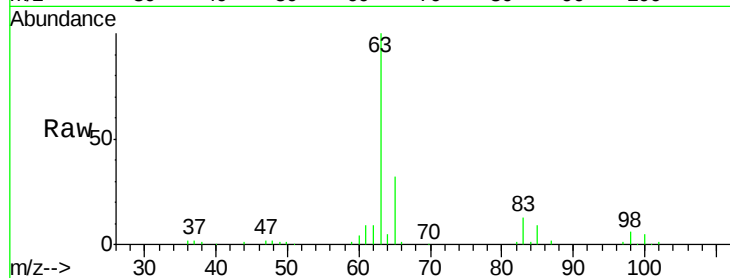
Tgt Ion: 63 Resp: 158800

Ion Ratio Lower Upper

63 100

65 32.1 22.4 41.6

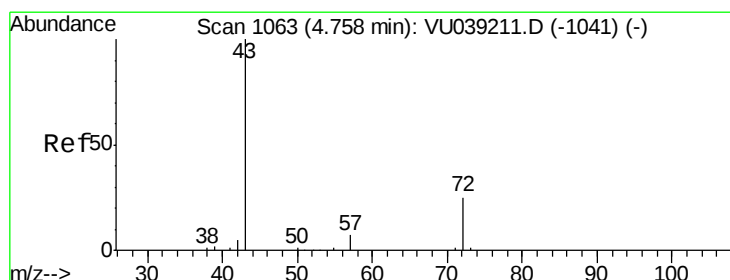
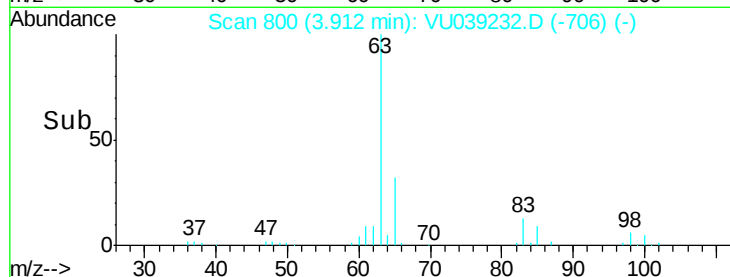
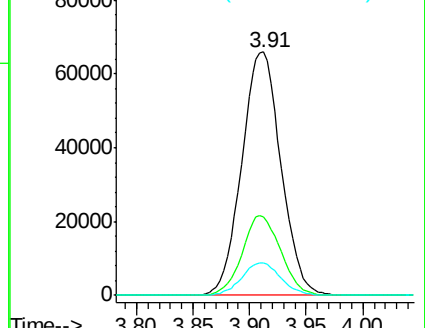
83 13.2 9.2 17.2



Abundance Ion 63.10 (62.80 to 63.80): VU039232.D (-706) (-)

Ion 65.10 (64.80 to 65.80): VU039232.D (-706) (-)

Ion 83.05 (82.75 to 83.75): VU039232.D (-706) (-)



#21

2-Butanone

Concen: 47.160 ug/L

RT: 4.75 min Scan# 1062

Delta R.T. -0.00 min

Lab File: VU039232.D

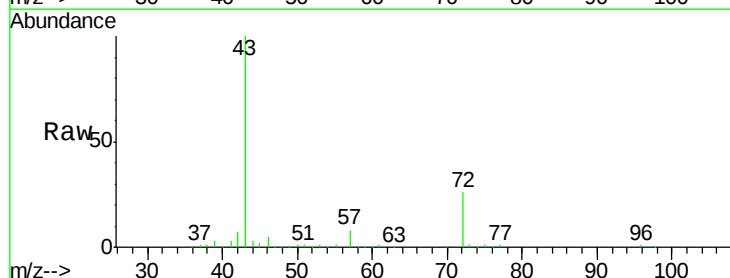
Acq: 30 Jun 2020 09:46

Tgt Ion: 43 Resp: 279823

Ion Ratio Lower Upper

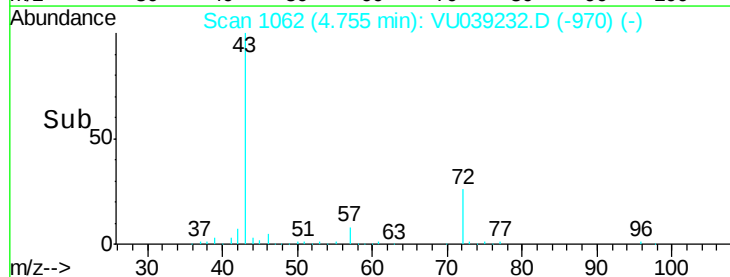
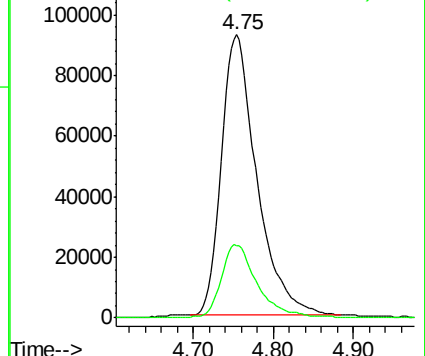
43 100

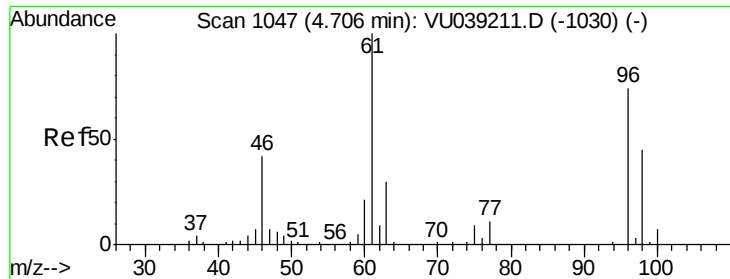
72 26.7 13.2 39.6



Abundance Ion 43.05 (42.75 to 43.75): VU039232.D (-970) (-)

Ion 72.10 (71.80 to 72.80): VU039232.D (-970) (-)

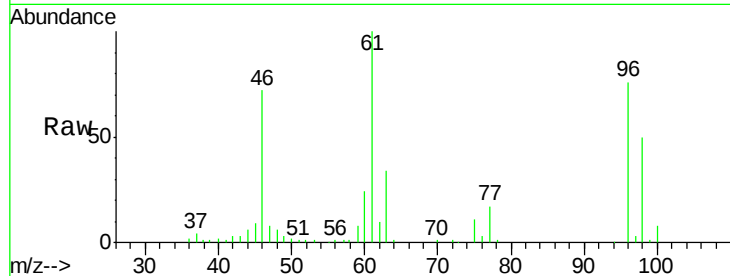




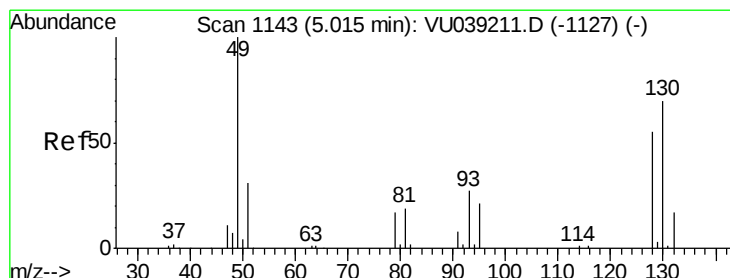
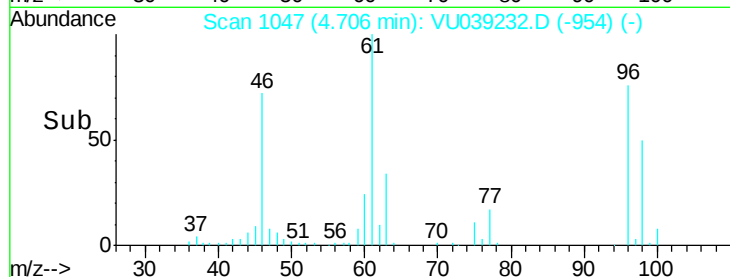
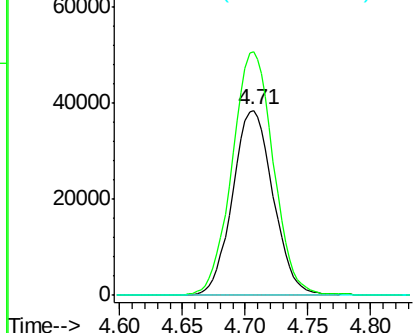
#22
 cis-1,2-Dichloroethene
 Concen: 5.071 ug/L
 RT: 4.71 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Tgt Ion: 96 Resp: 86753
 Ion Ratio Lower Upper
 96 100
 61 131.6 96.3 178.9
 68 0.0 0.0 0.0

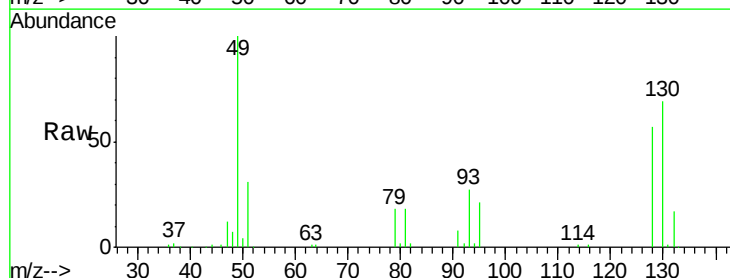


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

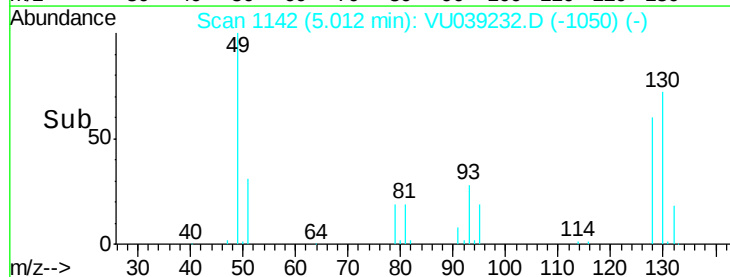
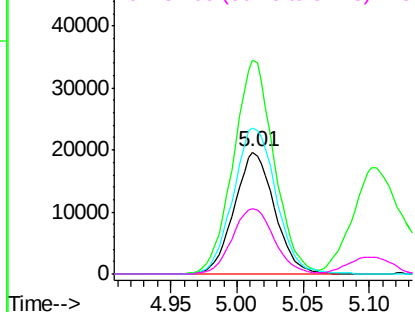


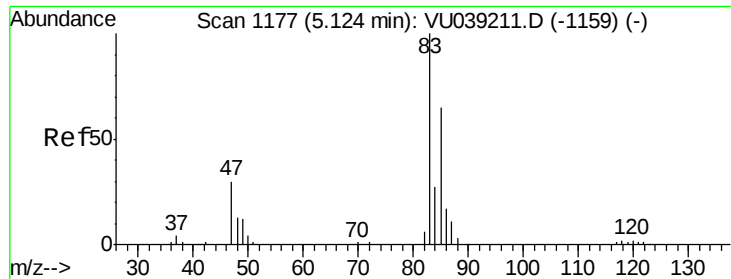
#23
 Bromochloromethane
 Concen: 5.022 ug/L
 RT: 5.01 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion: 128 Resp: 41481
 Ion Ratio Lower Upper
 128 100
 49 175.3 126.7 235.3
 130 120.2 86.2 160.2
 51 53.6 47.5 71.3



Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0

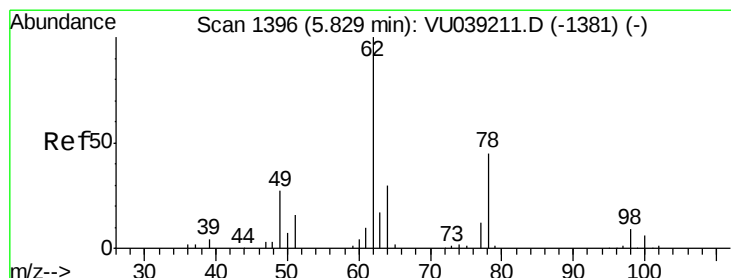
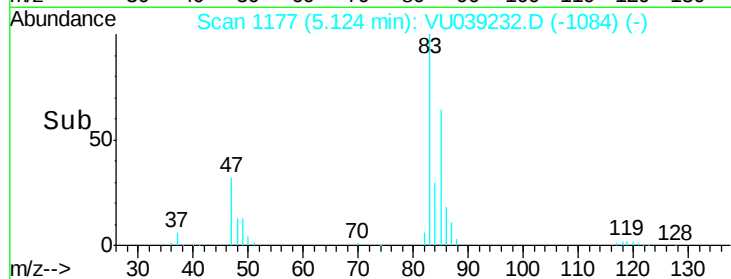
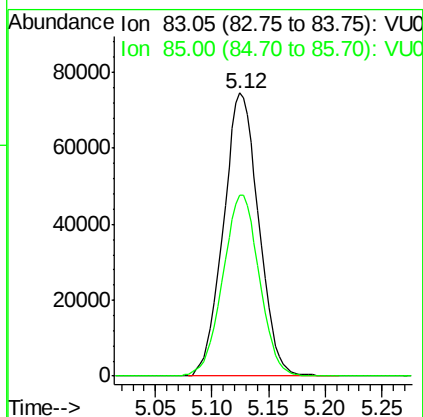
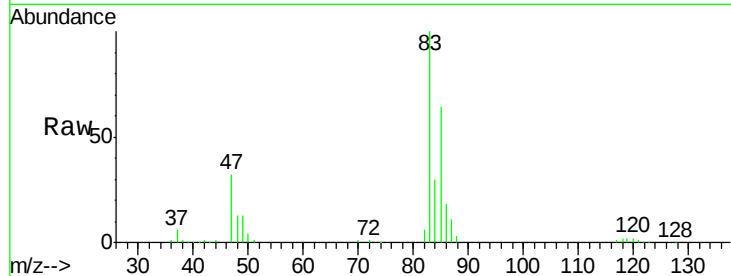




#25
Chloroform
Concen: 5.000 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

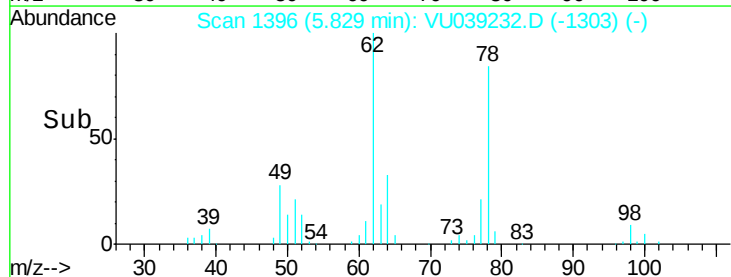
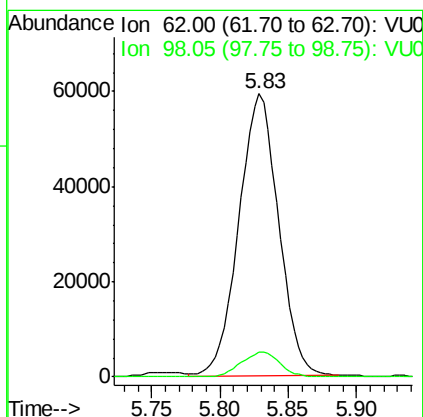
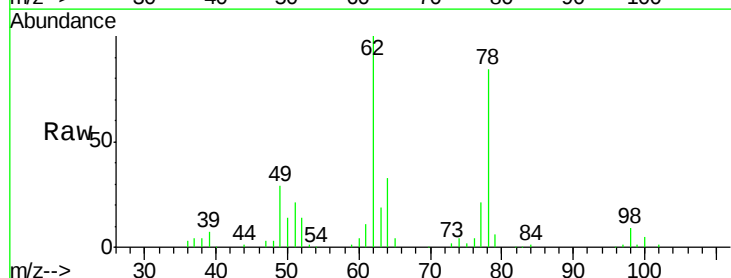
Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

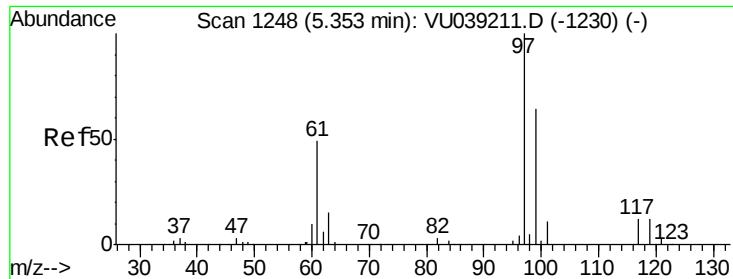
Tgt Ion: 83 Resp: 161936
Ion Ratio Lower Upper
83 100
85 63.8 45.5 84.5



#27
1,2-Dichloroethane
Concen: 5.011 ug/L
RT: 5.83 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Tgt Ion: 62 Resp: 119949
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9

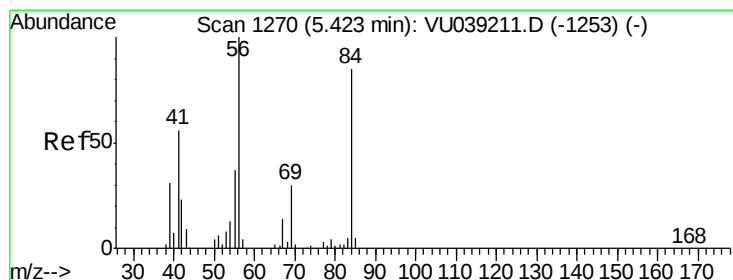
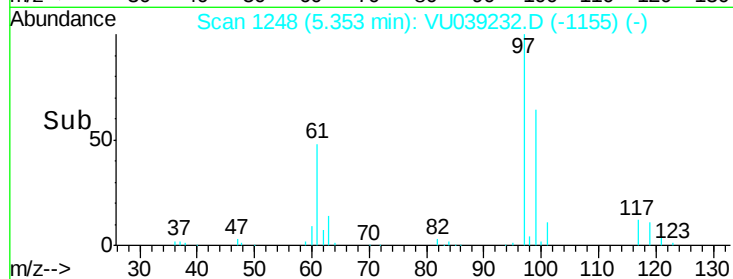
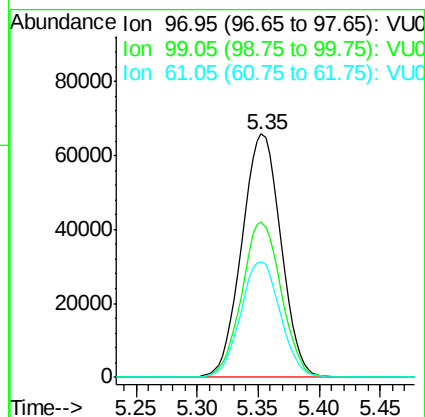
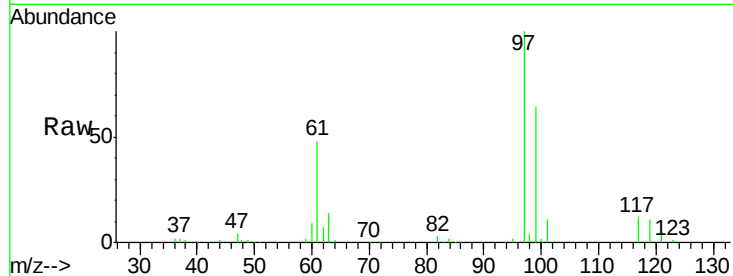




#29
 1,1,1-Trichloroethane
 Concen: 4.715 ug/L
 RT: 5.35 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

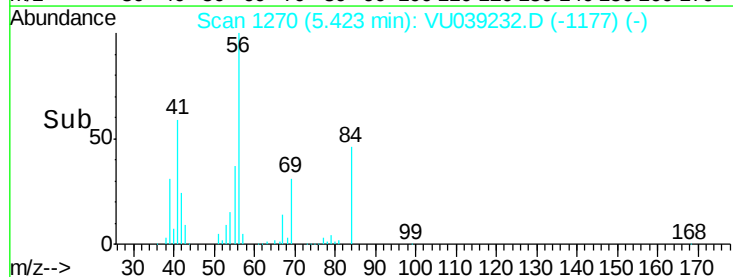
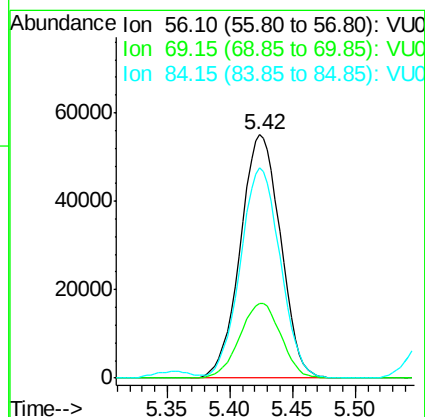
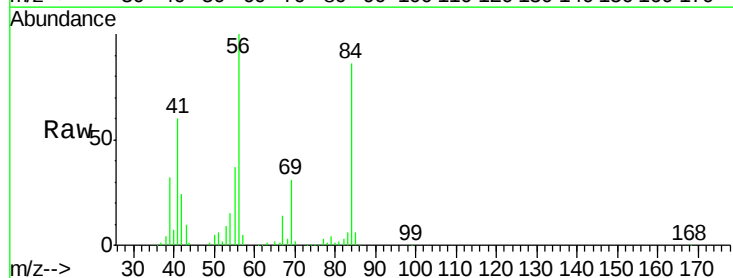
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

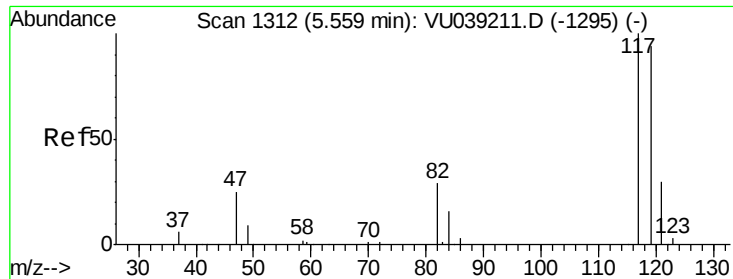
Tgt Ion: 97 Resp: 145981
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.2 76.8
 61 48.2 37.3 55.9



#30
 Cyclohexane
 Concen: 4.227 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion: 56 Resp: 122759
 Ion Ratio Lower Upper
 56 100
 69 31.5 25.0 37.4
 84 86.2 69.4 104.2





#31

Carbon tetrachloride

Concen: 4.679 ug/L

RT: 5.56 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

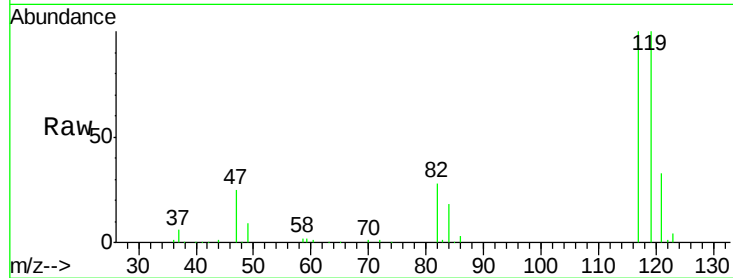
VSTD00523

Tgt Ion:117 Resp: 121876

Ion Ratio Lower Upper

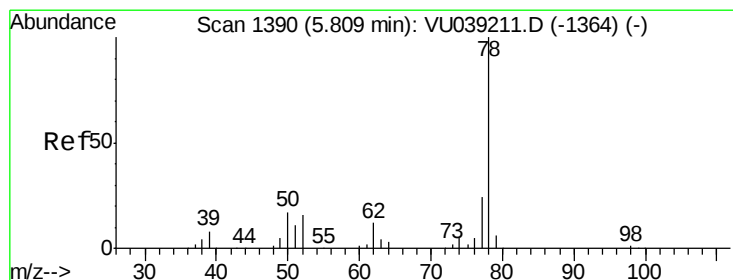
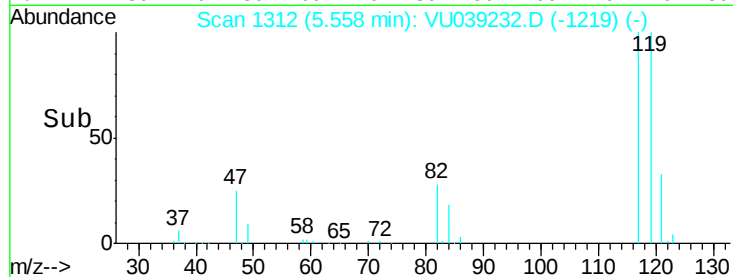
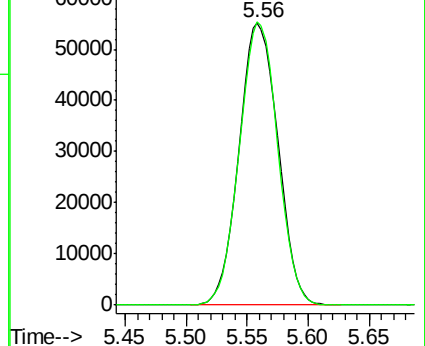
117 100

119 98.5 76.6 114.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.603 ug/L

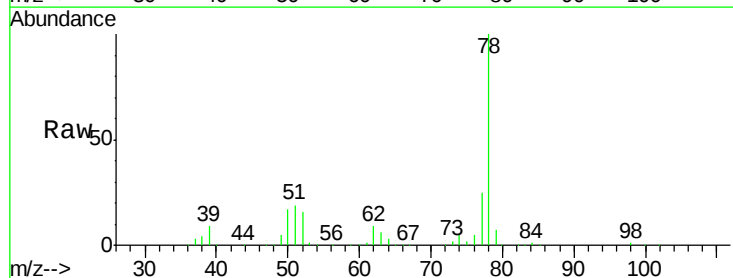
RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

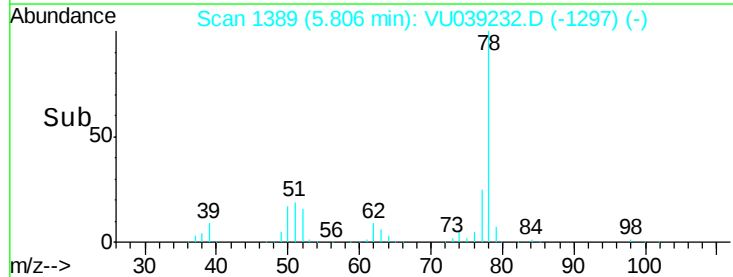
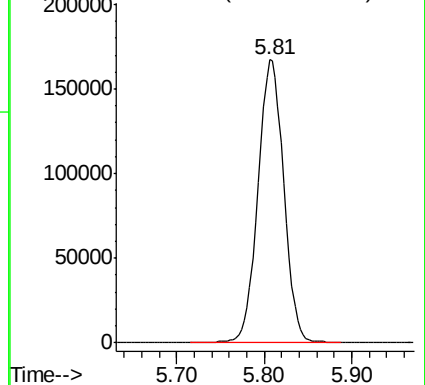
Lab File: VU039232.D

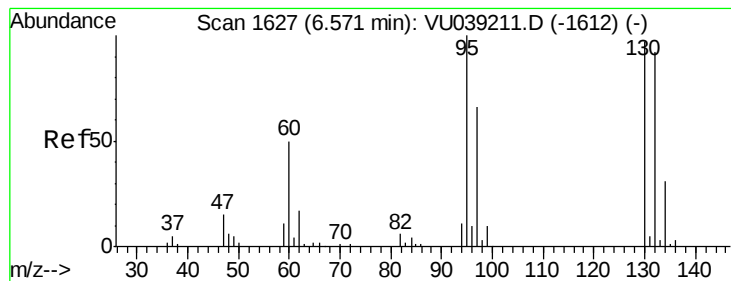
Acq: 30 Jun 2020 09:46

Tgt Ion: 78 Resp: 342812



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.628 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD00523

Tgt Ion: 95 Resp: 88110

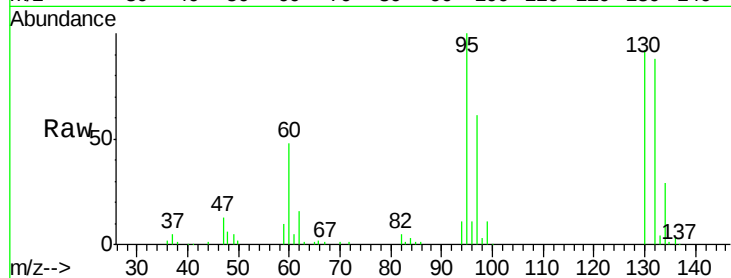
Ion Ratio Lower Upper

95 100

97 61.0 44.0 81.8

132 88.0 61.2 113.8

130 91.7 66.4 123.4

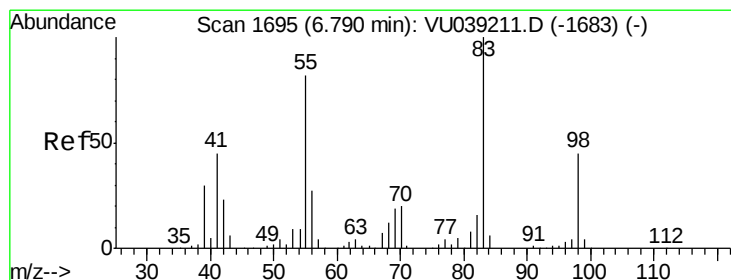
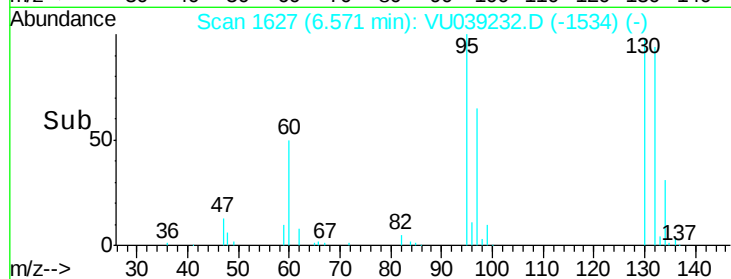
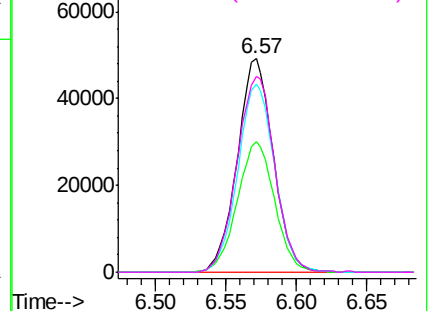


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 4.265 ug/L

RT: 6.79 min Scan# 1695

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

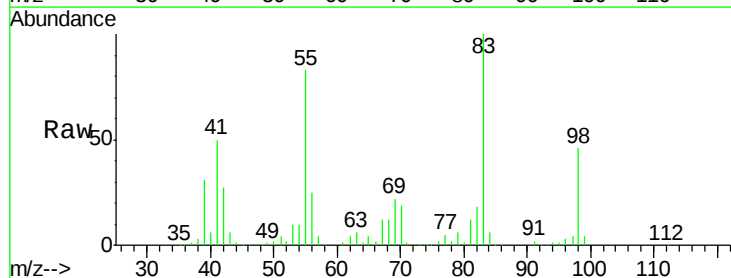
Tgt Ion: 83 Resp: 121032

Ion Ratio Lower Upper

83 100

55 81.8 65.5 98.3

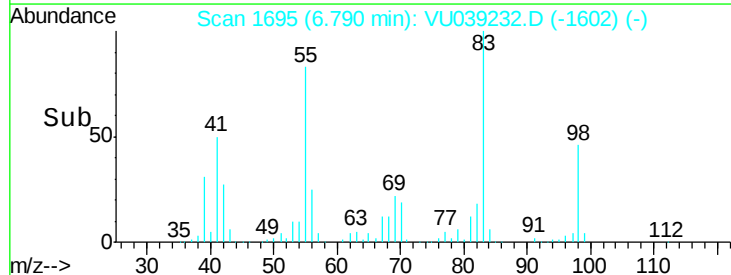
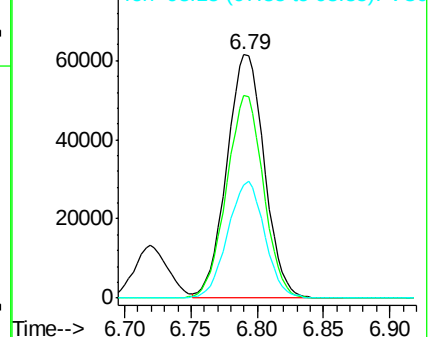
98 47.1 38.2 57.4

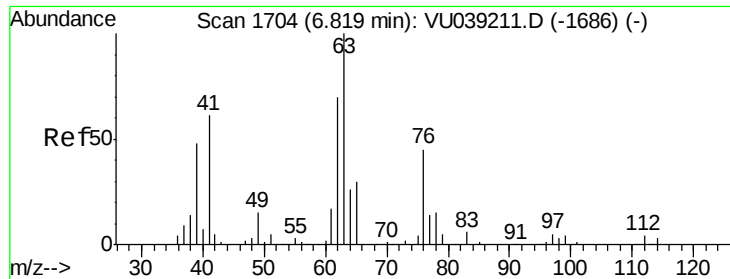


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

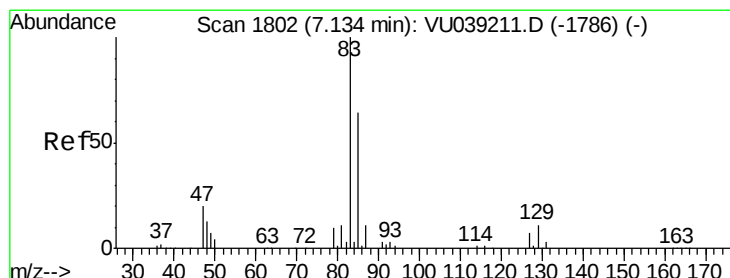
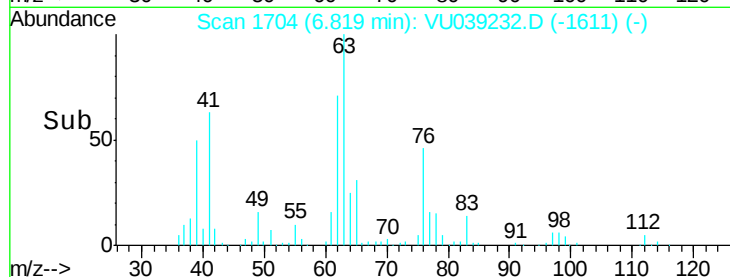
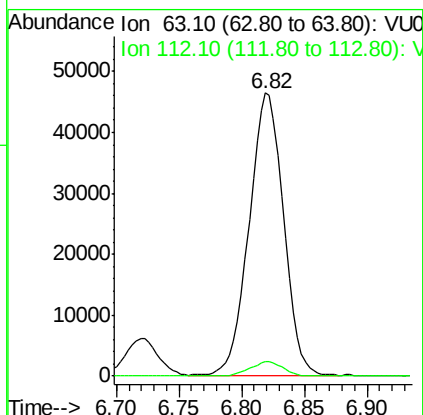
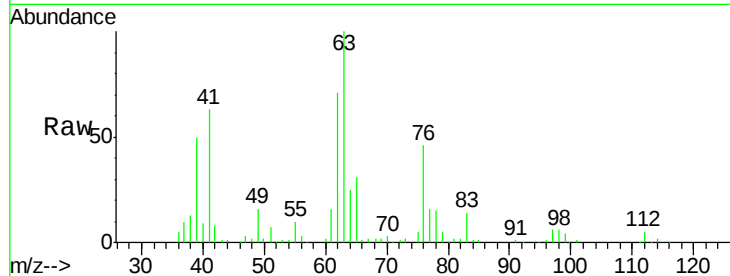




#37
 1,2-Dichloropropane
 Concen: 4.486 ug/L
 RT: 6.82 min Scan# 1704
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

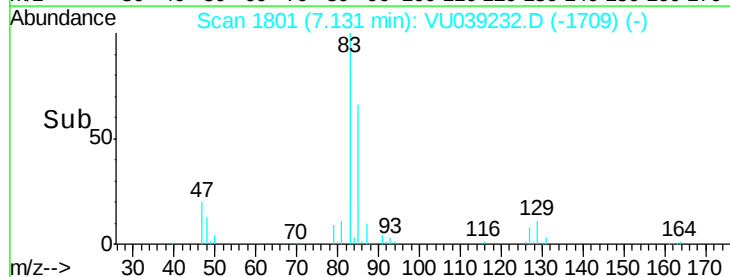
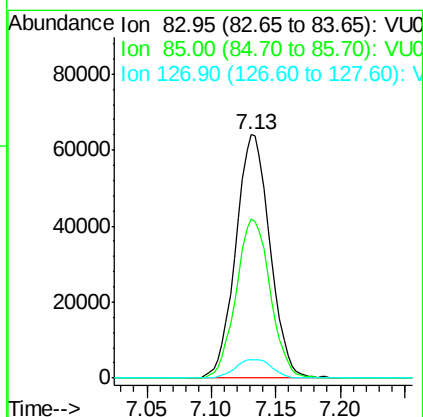
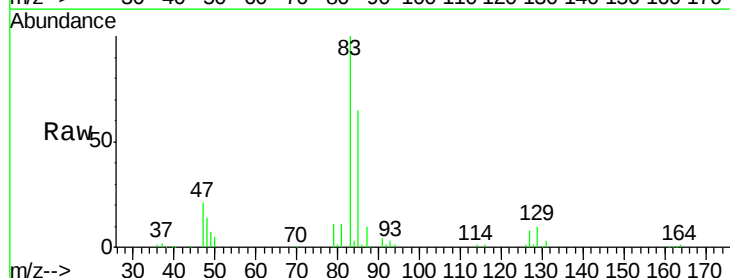
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

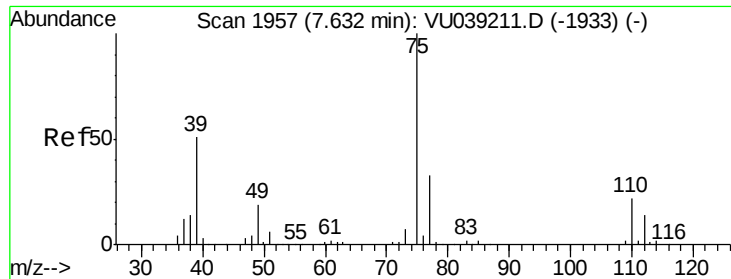
Tgt Ion: 63 Resp: 88660
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.4 5.2



#38
 Bromodichloromethane
 Concen: 4.686 ug/L
 RT: 7.13 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion: 83 Resp: 118133
 Ion Ratio Lower Upper
 83 100
 85 65.2 43.4 80.6
 127 7.8 6.2 9.2

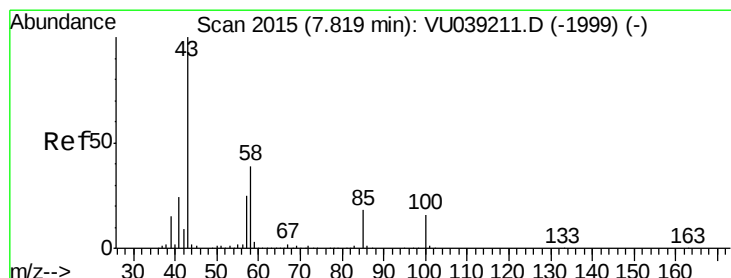
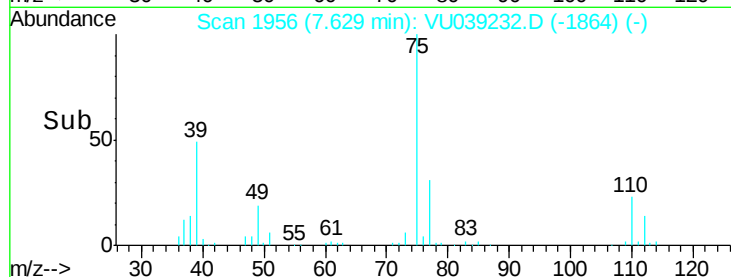
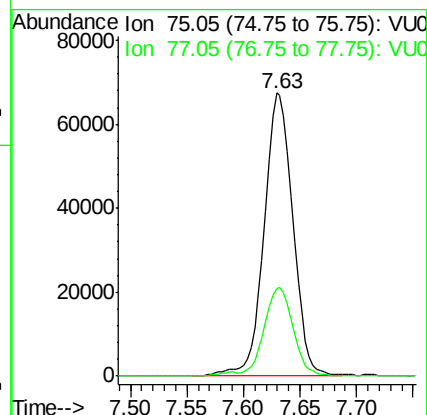
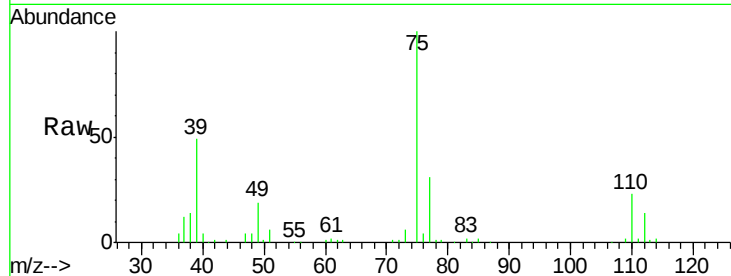




#39
 cis-1,3-Dichloropropene
 Concen: 4.205 ug/L
 RT: 7.63 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

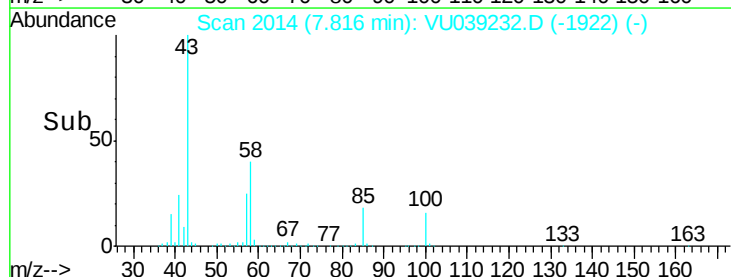
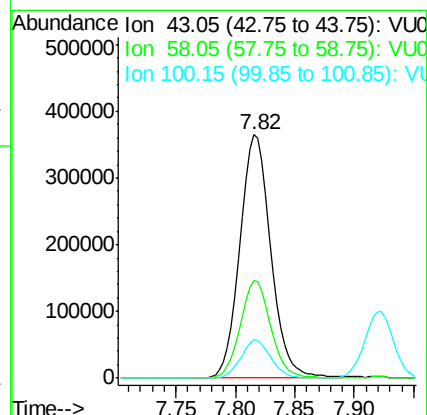
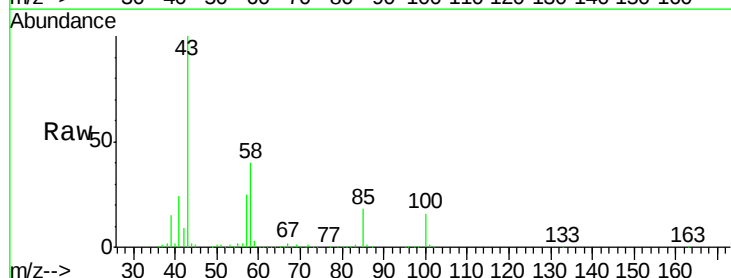
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

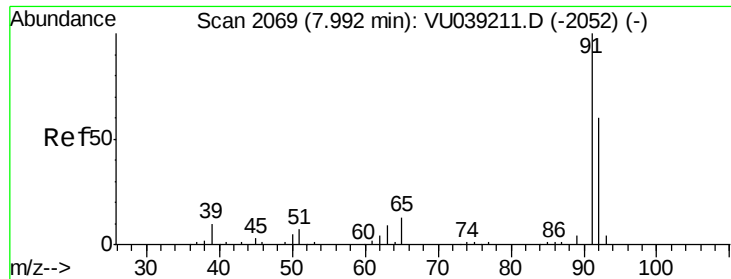
Tgt Ion: 75 Resp: 119315
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 46.087 ug/L
 RT: 7.82 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion: 43 Resp: 657807
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.3 46.9
 100 15.2 12.2 18.4





#42

Toluene

Concen: 4.820 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

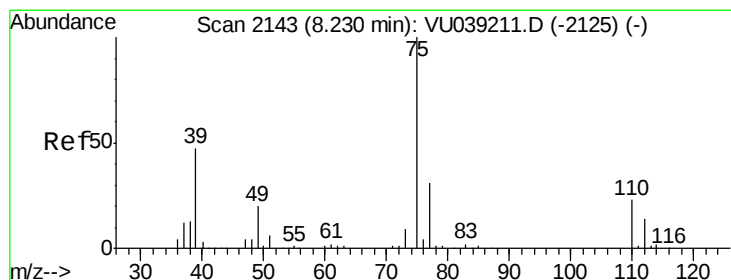
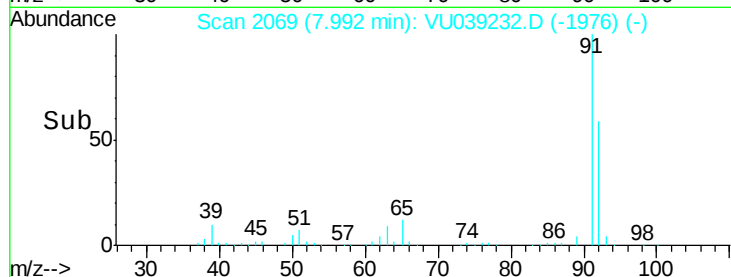
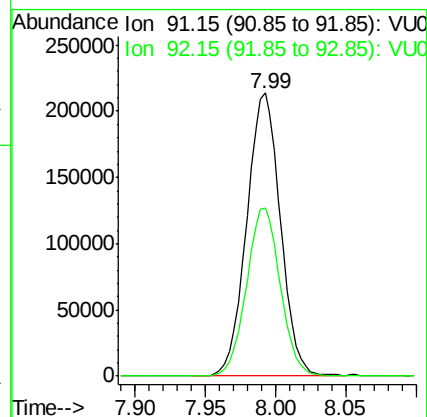
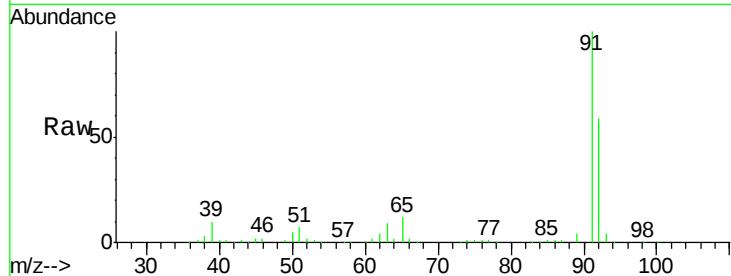
VSTD00523

Tgt Ion: 91 Resp: 358389

Ion Ratio Lower Upper

91 100

92 59.5 42.4 78.6



#44

trans-1,3-Dichloropropene

Concen: 4.195 ug/L

RT: 8.23 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VU039232.D

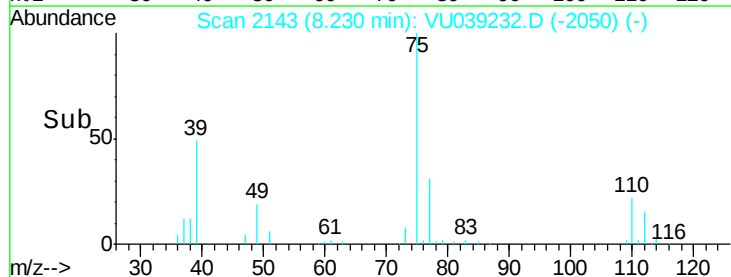
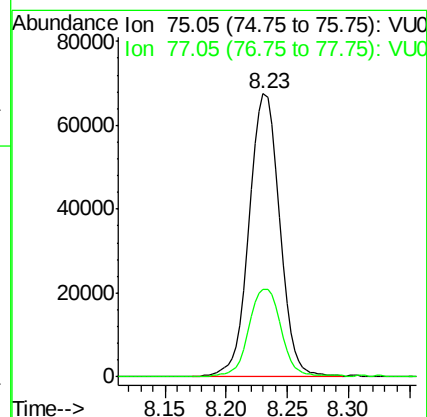
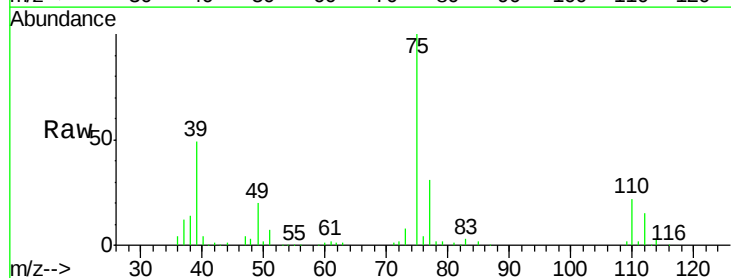
Acq: 30 Jun 2020 09:46

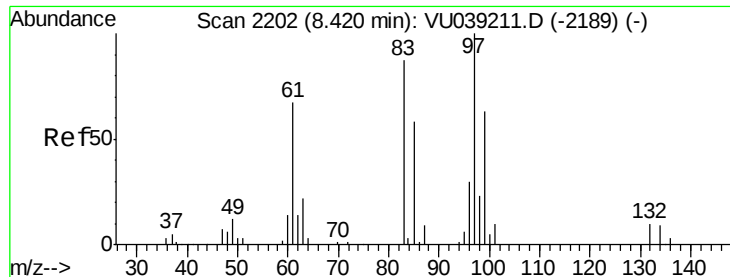
Tgt Ion: 75 Resp: 116950

Ion Ratio Lower Upper

75 100

77 31.0 22.1 41.1

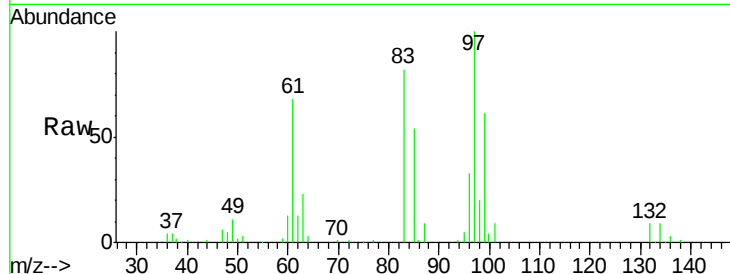




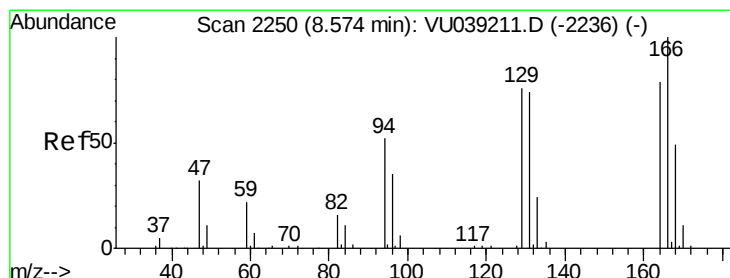
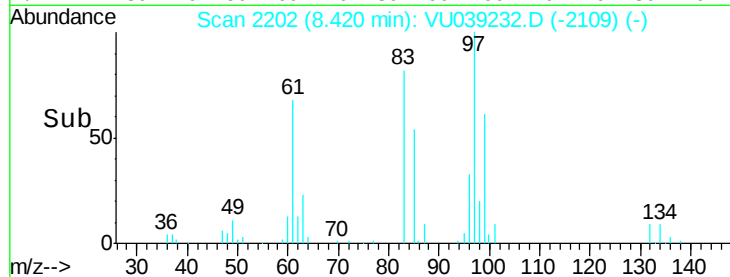
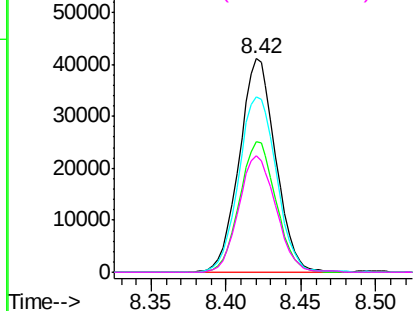
#45
 1,1,2-Trichloroethane
 Concen: 4.745 ug/L
 RT: 8.42 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

Tgt Ion:	97	Resp:	69470
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.5	80.7
83	81.9	59.1	109.9
85	54.3	39.3	73.1

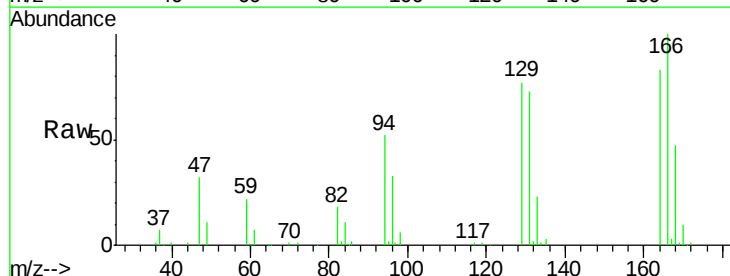


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

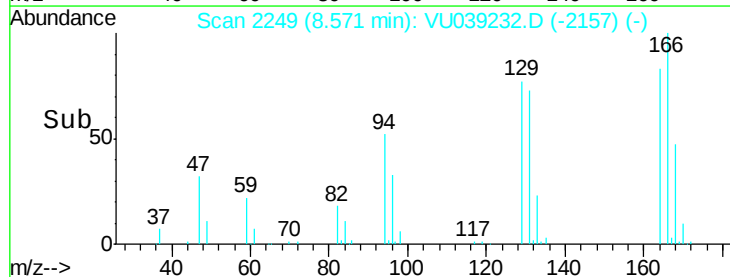
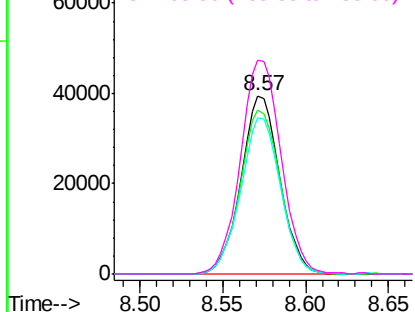


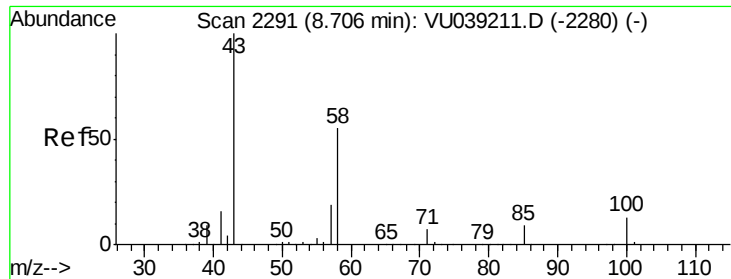
#47
 Tetrachloroethene
 Concen: 4.650 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion:	164	Resp:	63680
Ion	Ratio	Lower	Upper
164	100		
129	92.3	67.6	125.6
131	87.3	66.1	122.7
166	119.9	86.8	161.2



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

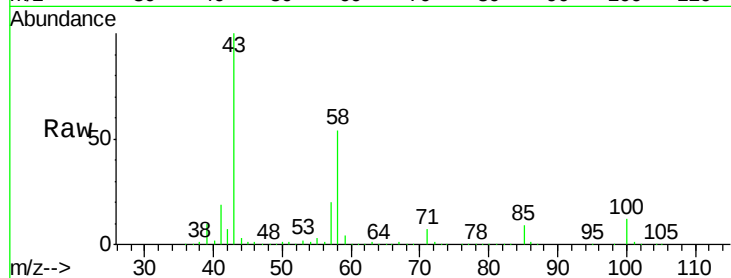




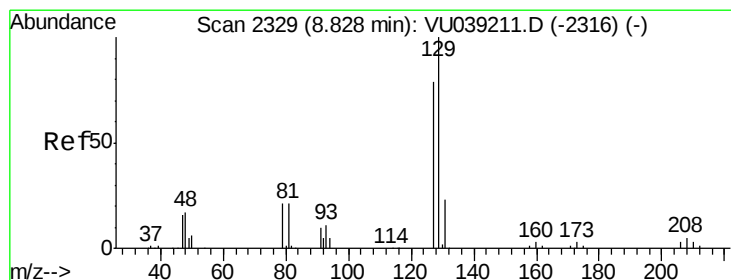
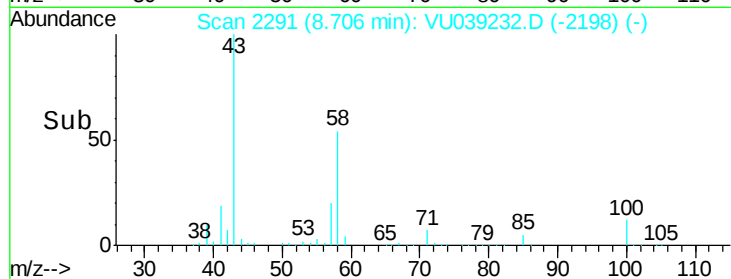
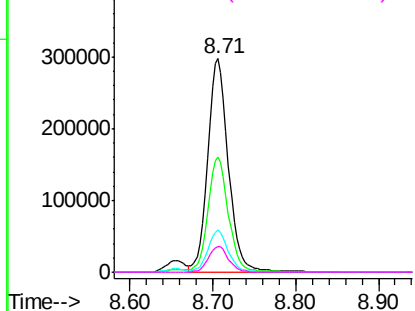
#48
2-Hexanone
Concen: 47.736 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion: 43 Resp: 520104
Ion Ratio Lower Upper
43 100
58 53.2 43.6 65.4
57 19.1 15.6 23.4
100 12.1 9.4 14.2

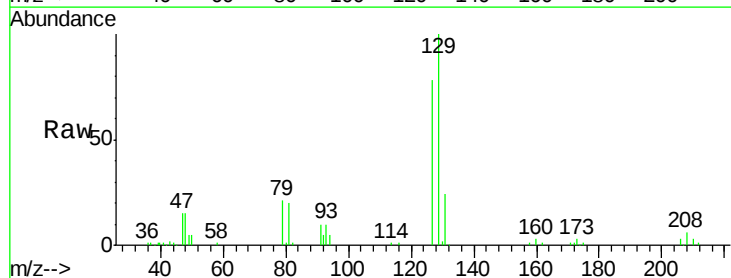


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

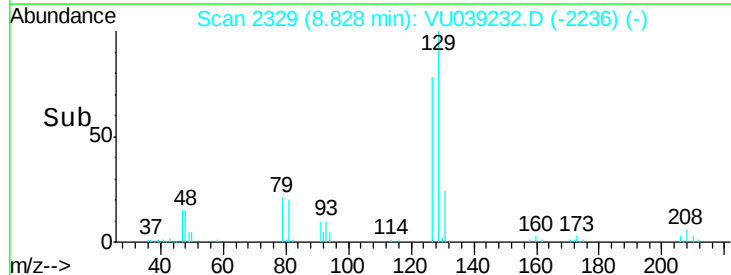
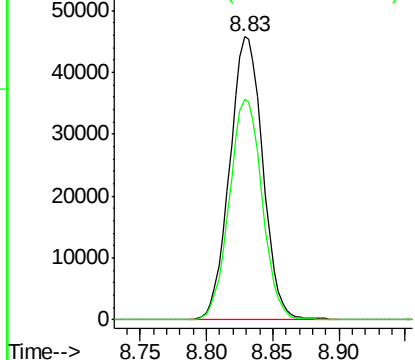


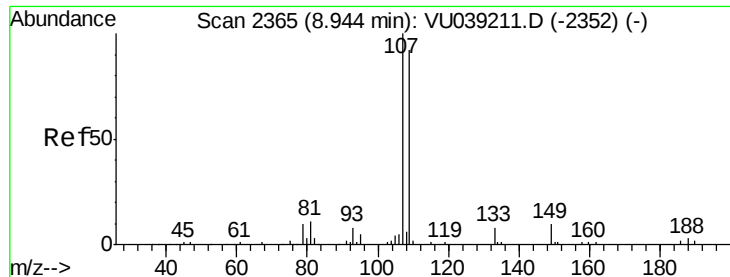
#49
Dibromochloromethane
Concen: 4.709 ug/L
RT: 8.83 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Tgt Ion: 129 Resp: 79414
Ion Ratio Lower Upper
129 100
127 77.9 53.5 99.3



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

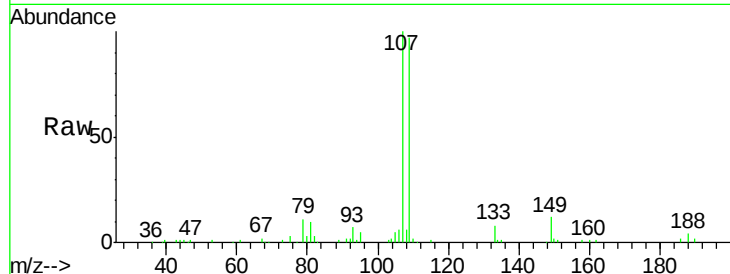




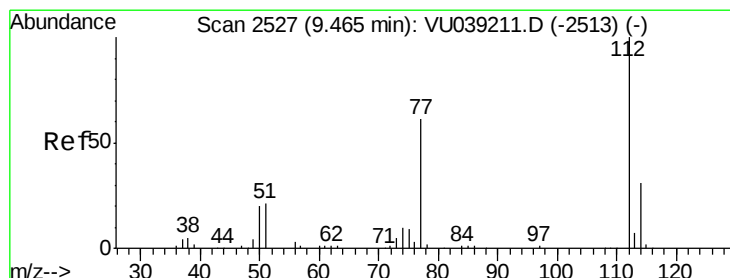
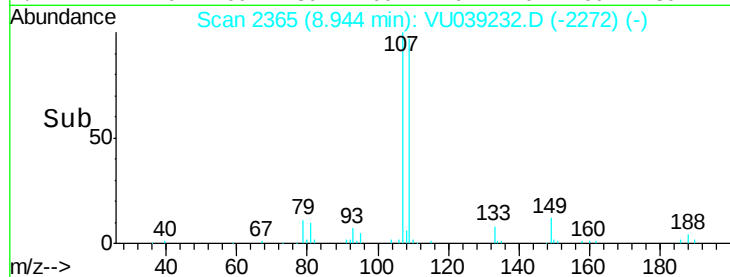
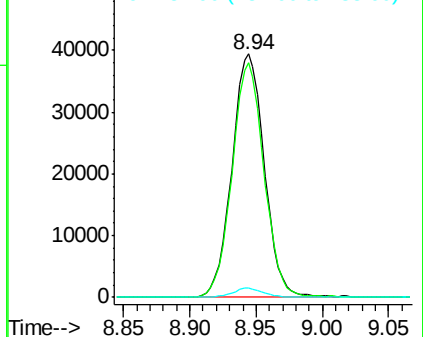
#50
1,2-Dibromoethane
Concen: 4.686 ug/L
RT: 8.94 min Scan# 2365
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:107 Resp: 66945
Ion Ratio Lower Upper
107 100
109 96.6 67.7 125.7
188 3.8 2.5 3.7#

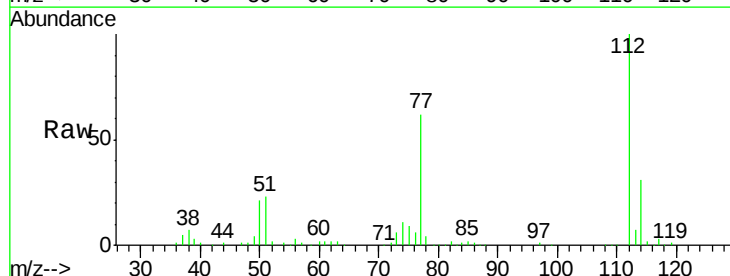


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

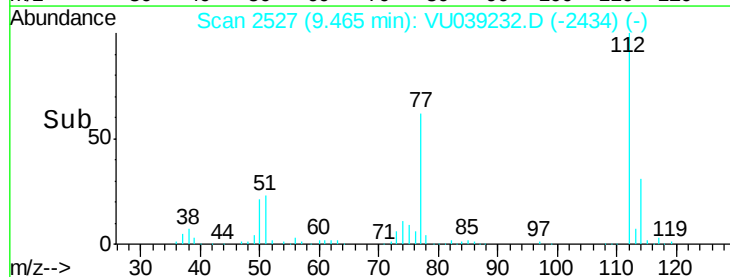
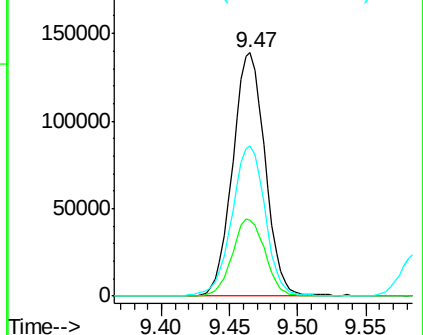


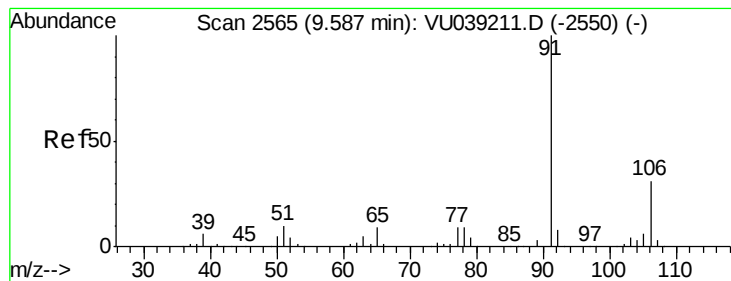
#51
Chlorobenzene
Concen: 4.860 ug/L
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Tgt Ion:112 Resp: 230150
Ion Ratio Lower Upper
112 100
114 31.5 22.6 42.0
77 61.6 51.1 76.7



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: 4.907 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

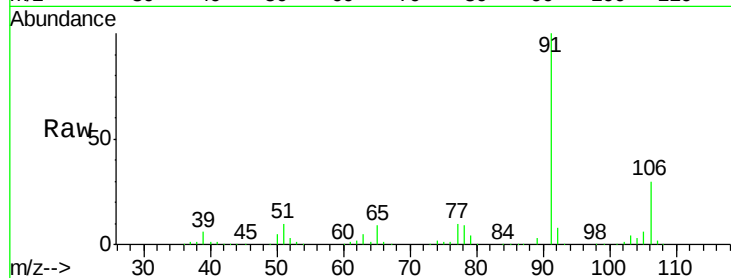
VSTD00523

Tgt Ion: 91 Resp: 391524

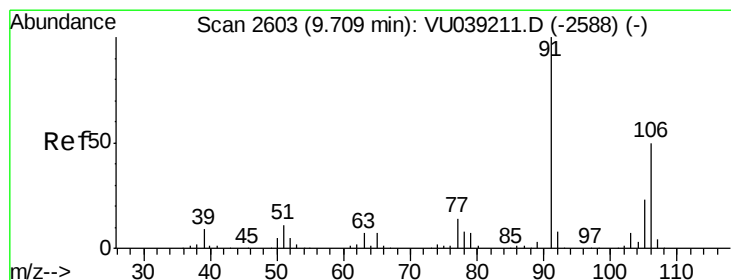
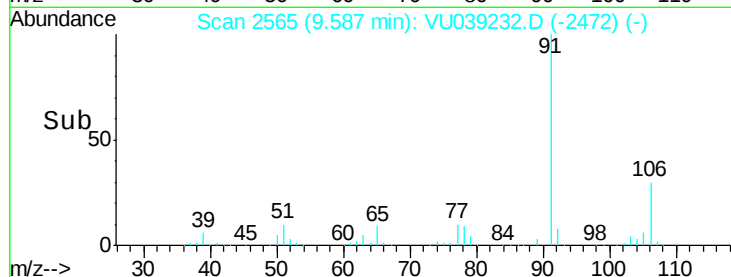
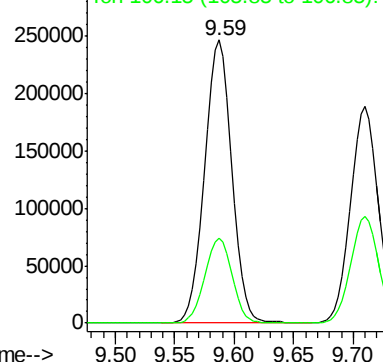
Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VU039211.D (-2550) (-)



#53

m,p-Xylene

Concen: 5.184 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU039232.D

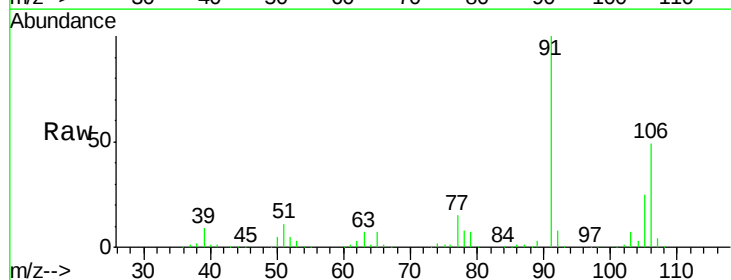
Acq: 30 Jun 2020 09:46

Tgt Ion: 106 Resp: 152437

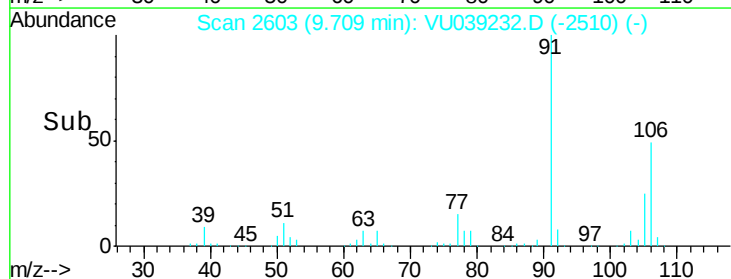
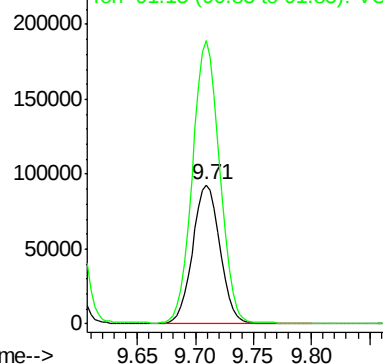
Ion Ratio Lower Upper

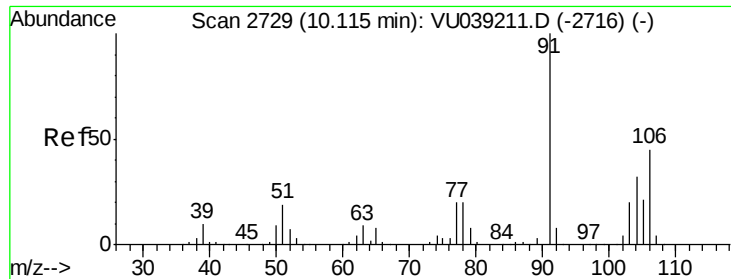
106 100

91 203.4 143.7 266.9



Abundance Ion 106.15 (105.85 to 106.85): VU039211.D (-2588) (-)

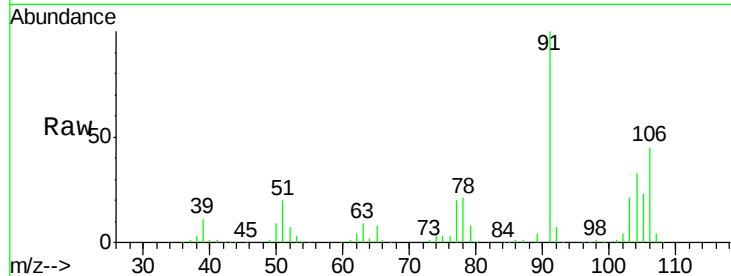




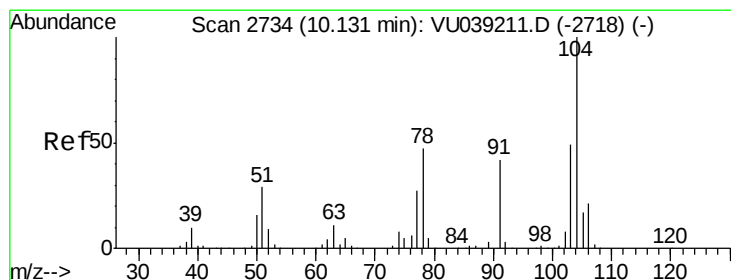
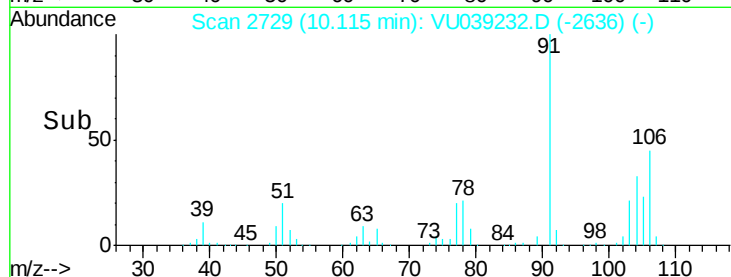
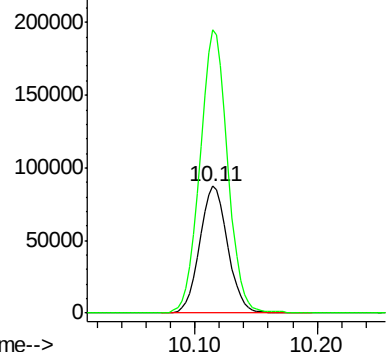
#54
o-Xylene
Concen: 4.982 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD00523

Tgt Ion:106 Resp: 140972
Ion Ratio Lower Upper
106 100
91 223.5 153.2 284.6

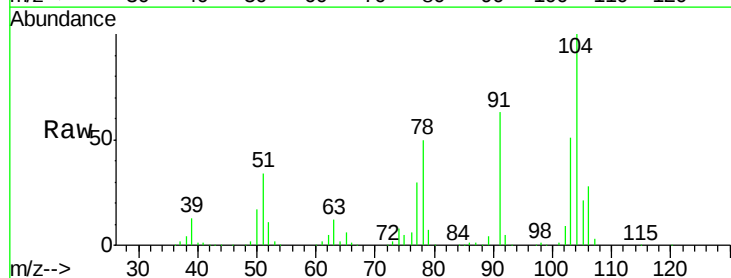


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

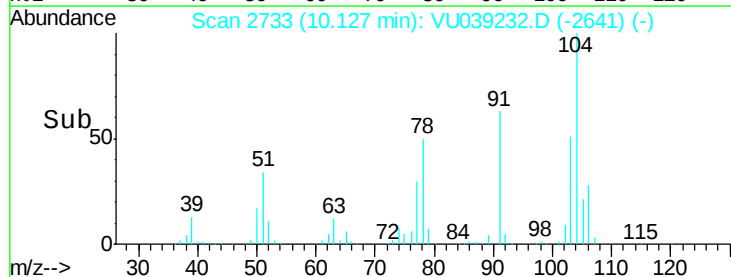
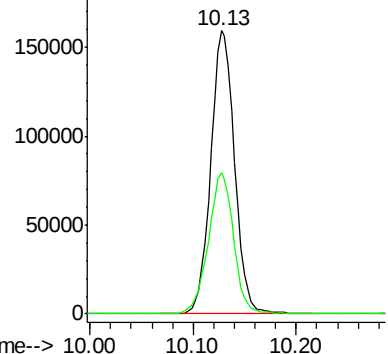


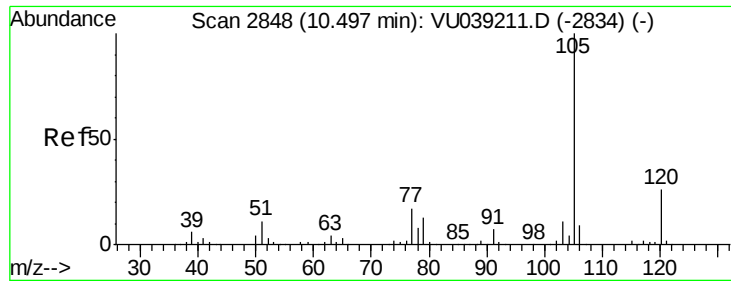
#55
Styrene
Concen: 5.227 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU039232.D
Acq: 30 Jun 2020 09:46

Tgt Ion:104 Resp: 256563
Ion Ratio Lower Upper
104 100
78 49.9 33.5 62.1



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.354 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD00523

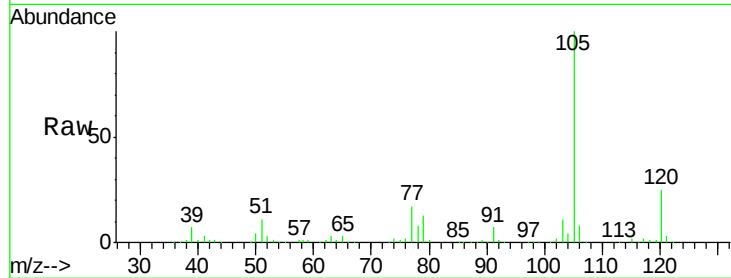
Tgt Ion: 105 Resp: 403103

Ion Ratio Lower Upper

105 100

120 25.6 20.1 30.1

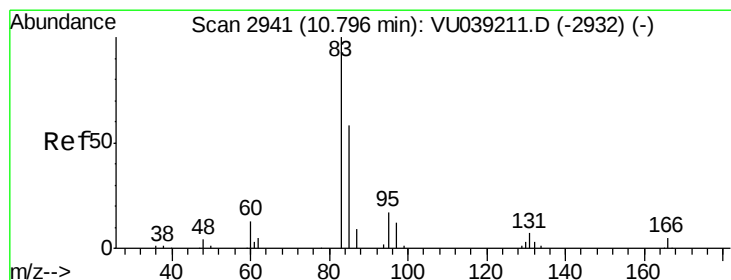
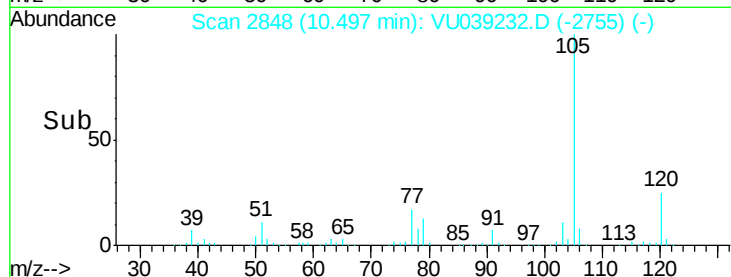
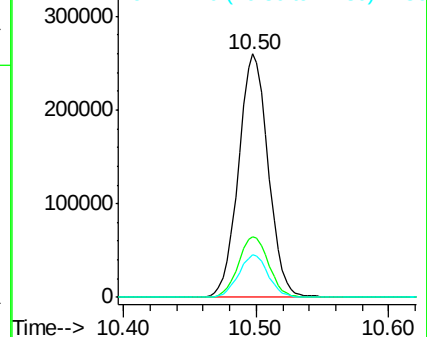
77 17.4 13.4 20.2



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: 6.067 ug/L

RT: 10.80 min Scan# 2941

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

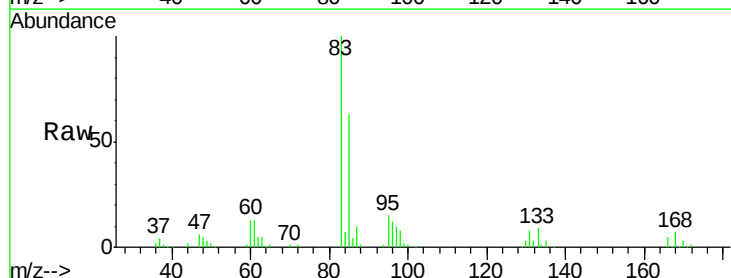
Tgt Ion: 83 Resp: 118548

Ion Ratio Lower Upper

83 100

85 63.3 43.4 80.6

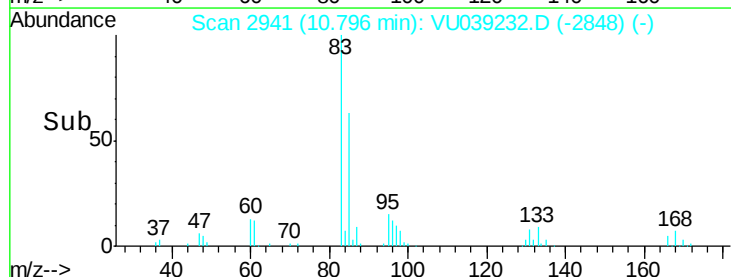
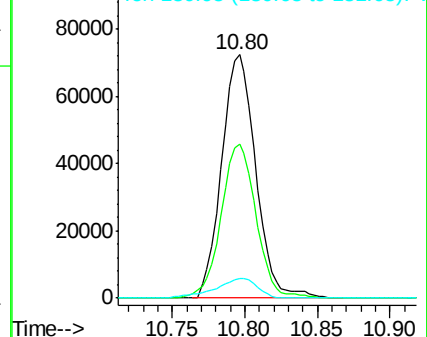
131 8.0 6.5 9.7

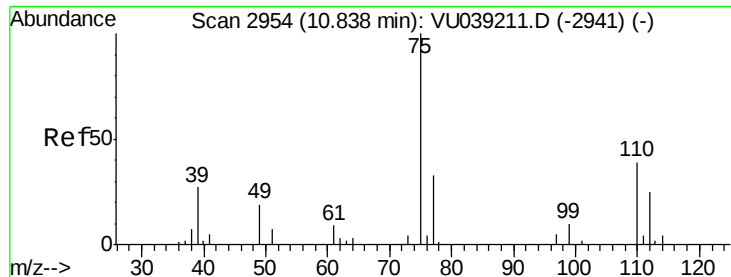


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

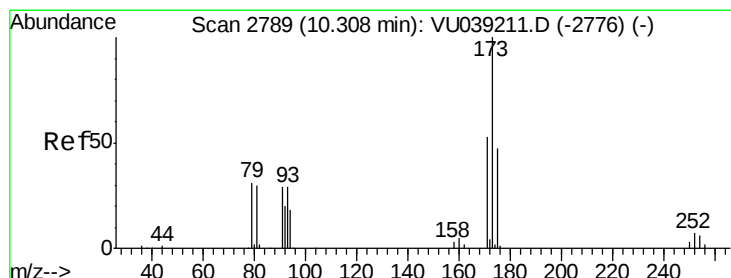
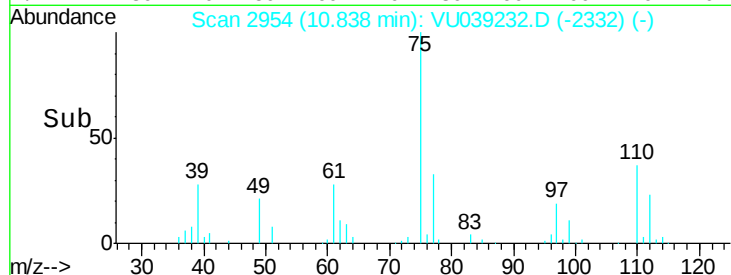
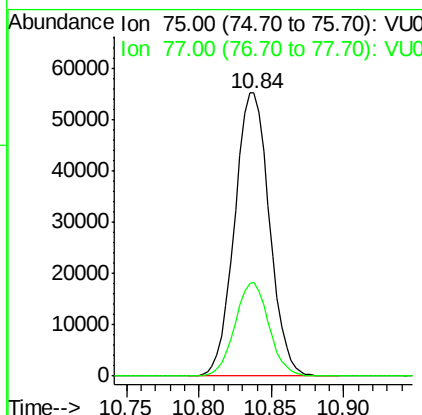
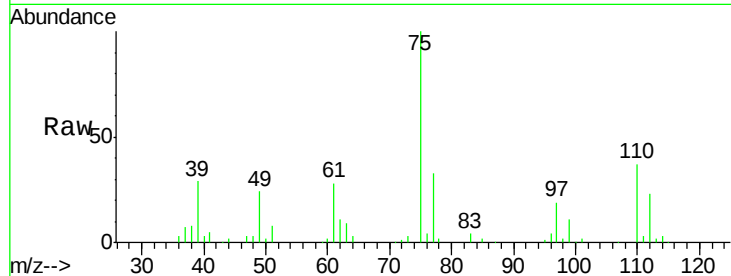




#59
 1,2,3-Trichloropropane
 Concen: 6.190 ug/L
 RT: 10.84 min Scan# 2954
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

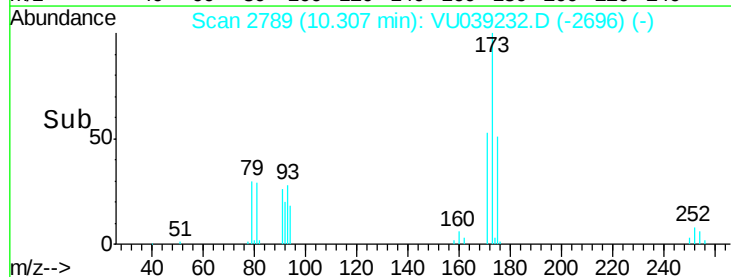
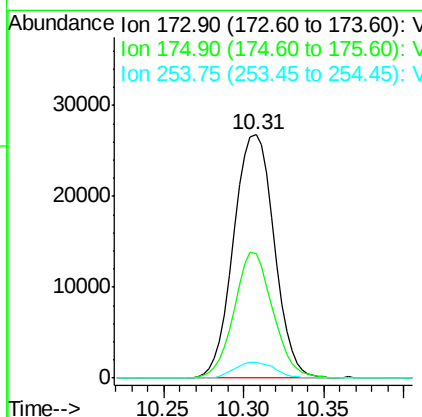
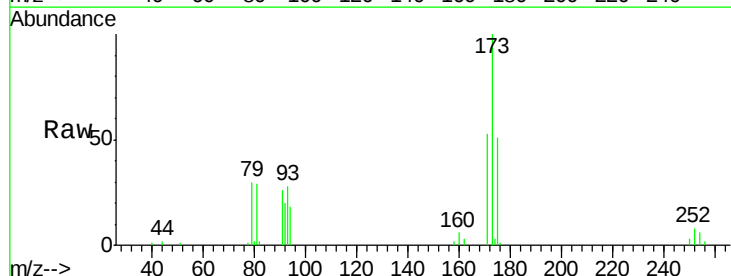
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

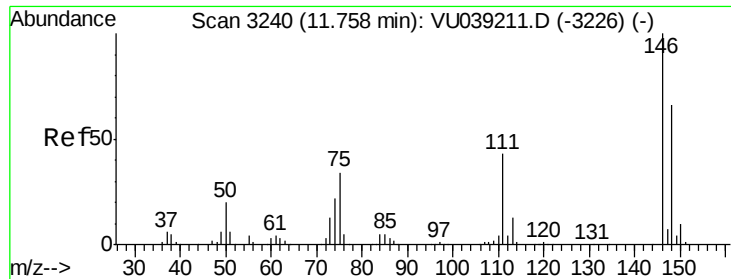
Tgt Ion: 75 Resp: 92061
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.6 38.4



#61
 Bromoform
 Concen: 4.419 ug/L
 RT: 10.31 min Scan# 2789
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion: 173 Resp: 46330
 Ion Ratio Lower Upper
 173 100
 175 49.2 39.3 58.9
 254 6.3 5.5 8.3

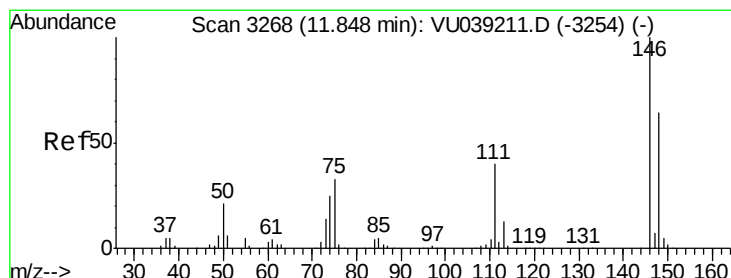
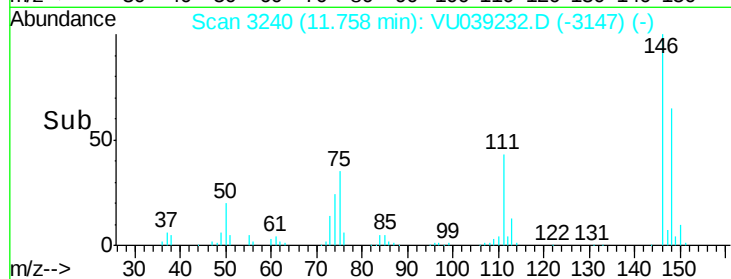
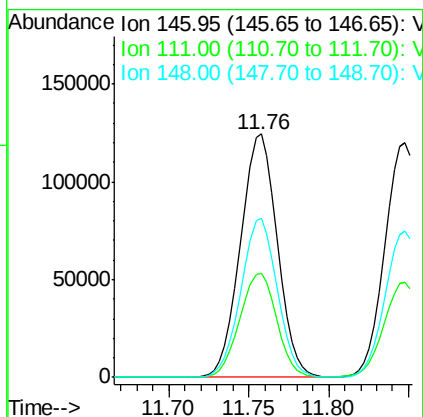
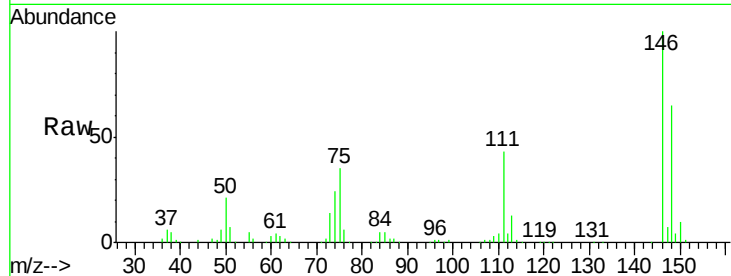




#62
 1,3-Dichlorobenzene
 Concen: 4.682 ug/L
 RT: 11.76 min Scan# 3240
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

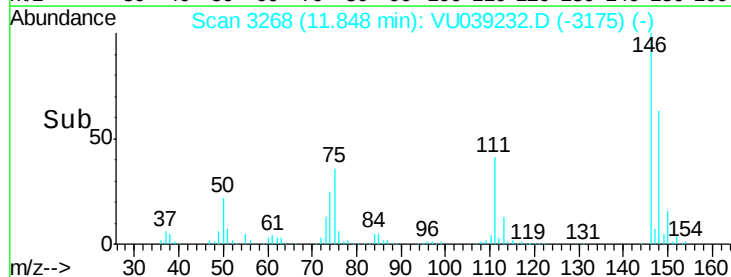
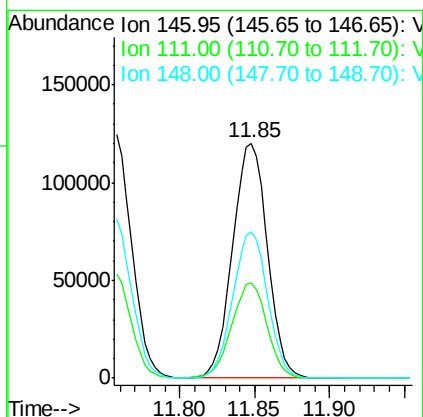
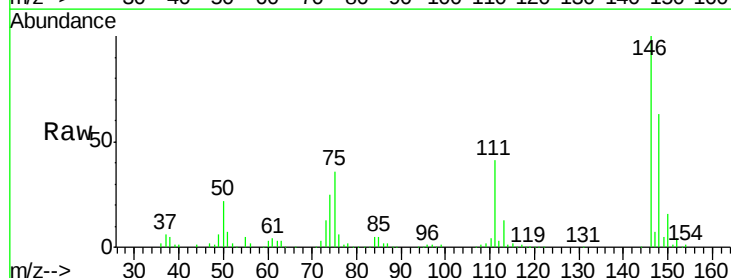
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

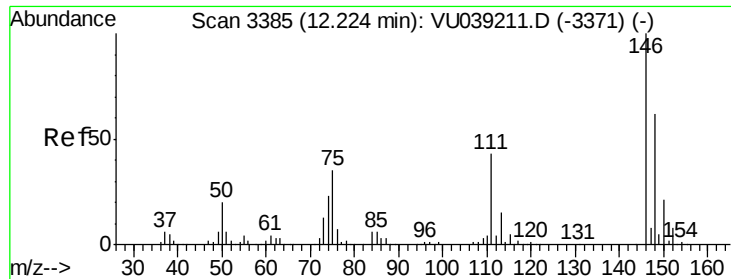
Tgt Ion:146 Resp: 195052
 Ion Ratio Lower Upper
 146 100
 111 42.9 29.0 53.8
 148 65.3 43.2 80.2



#63
 1,4-Dichlorobenzene
 Concen: 4.661 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion:146 Resp: 194494
 Ion Ratio Lower Upper
 146 100
 111 40.6 28.3 52.5
 148 62.5 45.8 85.2

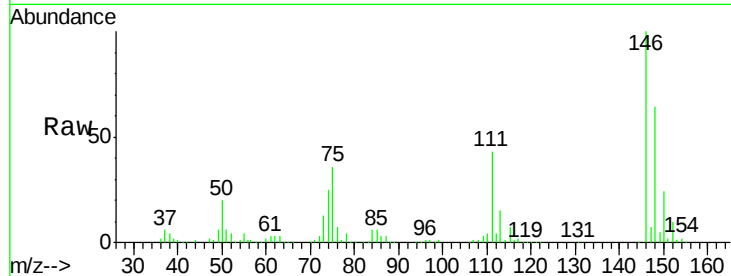




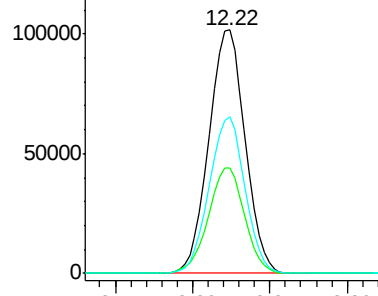
#65
 1,2-Dichlorobenzene
 Concen: 4.162 ug/L
 RT: 12.22 min Scan# 3385
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

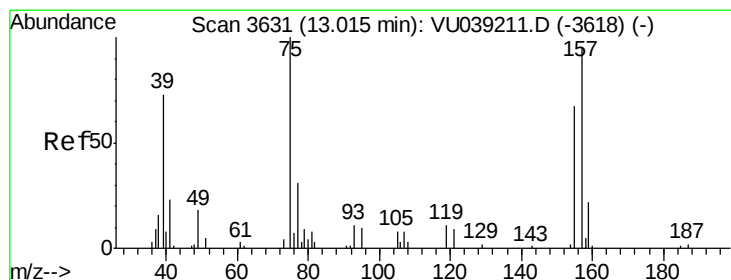
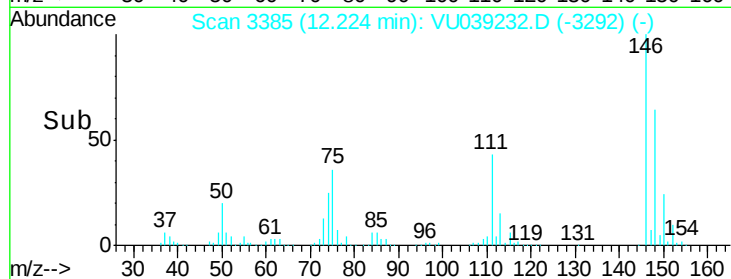
Tgt Ion: 146 Resp: 165472
 Ion Ratio Lower Upper
 146 100
 111 43.2 34.7 52.1
 148 64.2 51.8 77.6



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

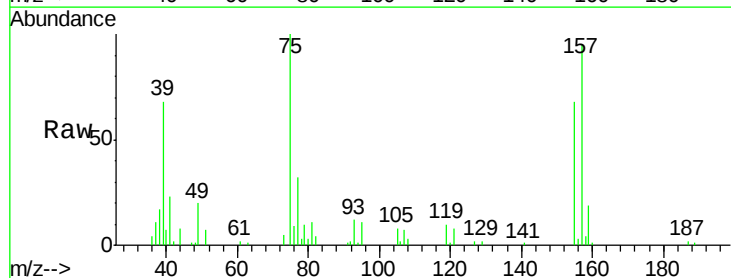


Time-->

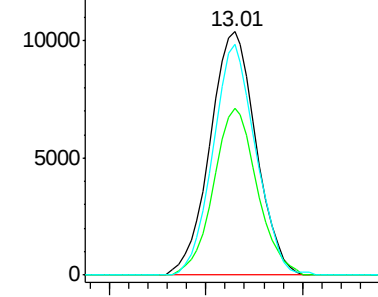


#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.254 ug/L
 RT: 13.01 min Scan# 3631
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

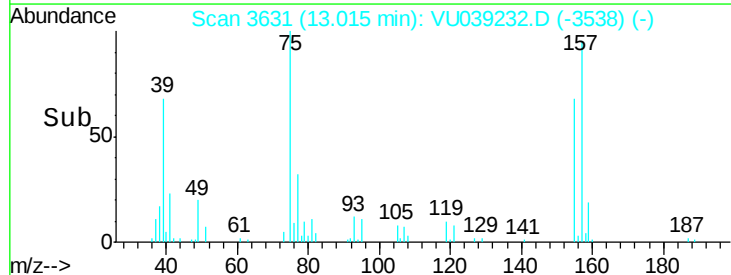
Tgt Ion: 75 Resp: 17180
 Ion Ratio Lower Upper
 75 100
 155 68.4 53.8 80.8
 157 94.8 69.4 104.2

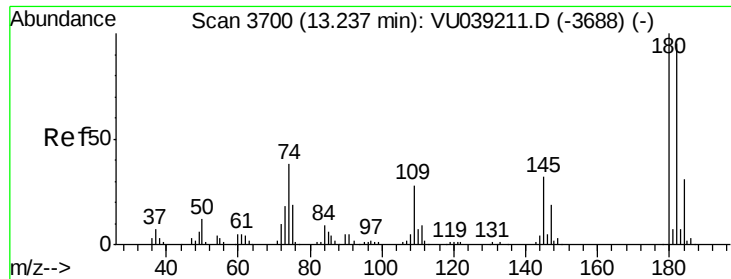


Abundance Ion 75.05 (74.75 to 75.75): VU0
 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V



Time-->

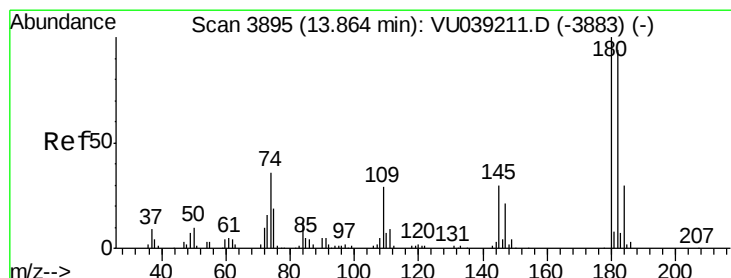
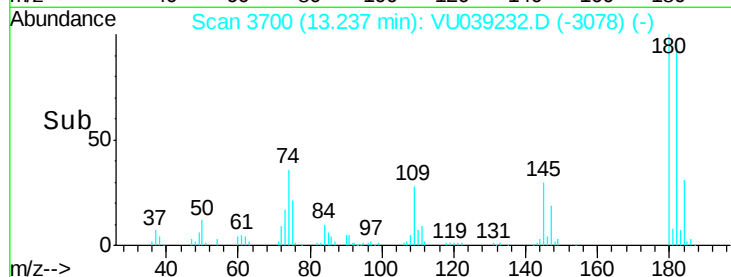
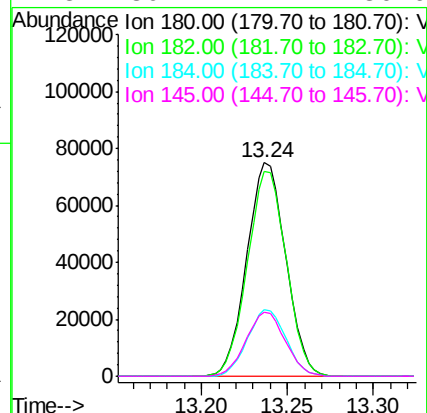
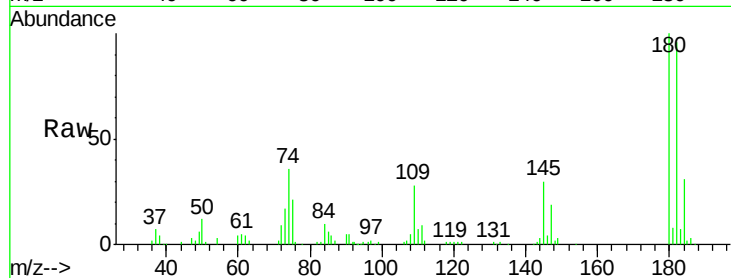




#67
 1,3,5-Trichlorobenzene
 Concen: 3.908 ug/L
 RT: 13.24 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

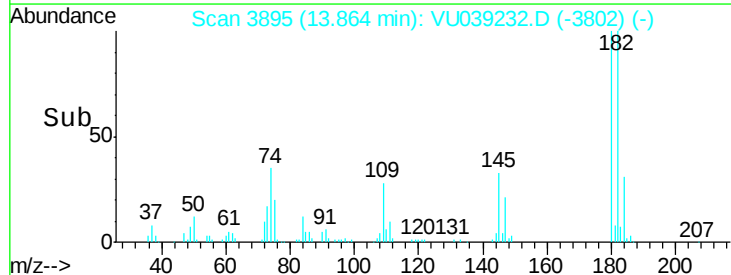
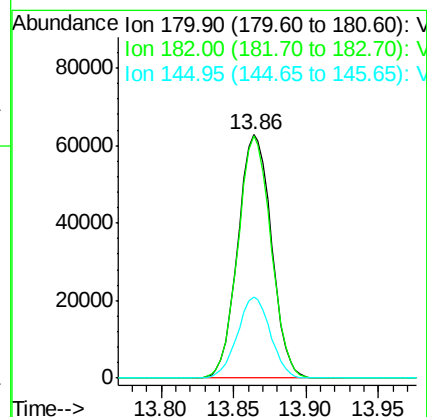
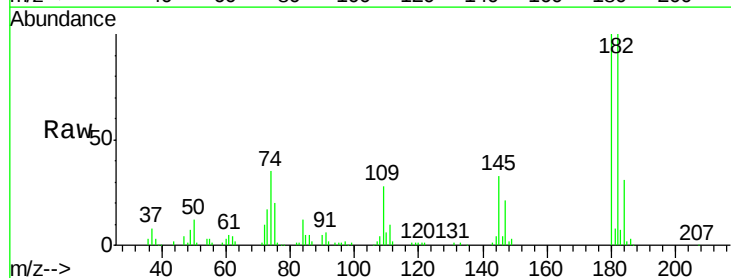
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00523

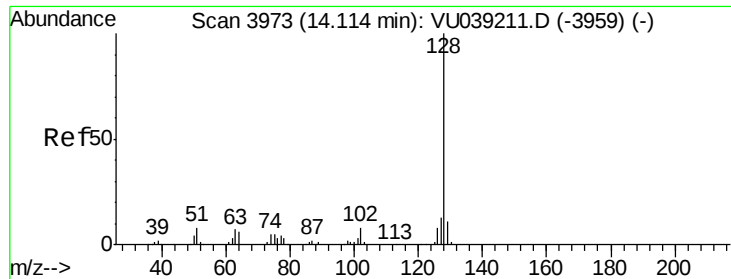
Tgt Ion:180 Resp: 117516
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.5 116.3
 184 31.0 25.1 37.7
 145 30.4 24.4 36.6



#68
 1,2,4-trichlorobenzene
 Concen: 3.853 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. -0.00 min
 Lab File: VU039232.D
 Acq: 30 Jun 2020 09:46

Tgt Ion:180 Resp: 101143
 Ion Ratio Lower Upper
 180 100
 182 97.7 75.4 113.0
 145 32.7 25.3 37.9





#69

Naphthalene

Concen: 3.733 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD00523

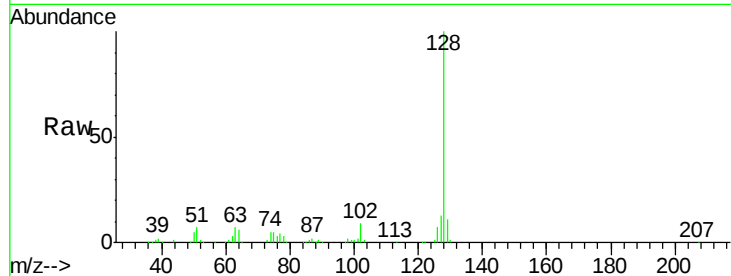
Tgt Ion:128 Resp: 184043

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

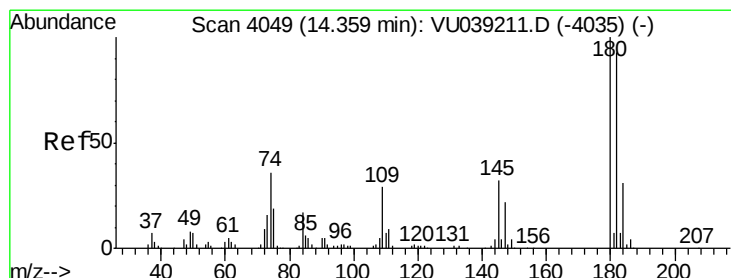
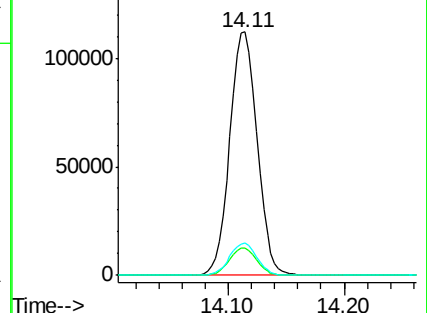
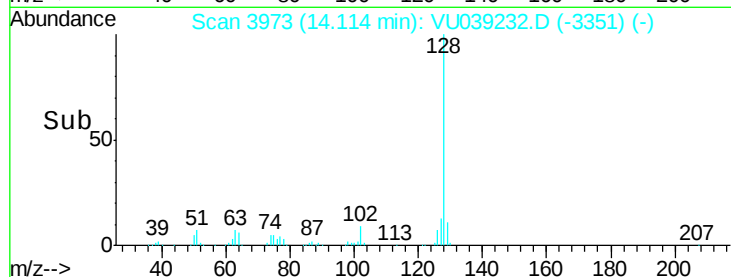
127 13.3 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 4.060 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

Lab File: VU039232.D

Acq: 30 Jun 2020 09:46

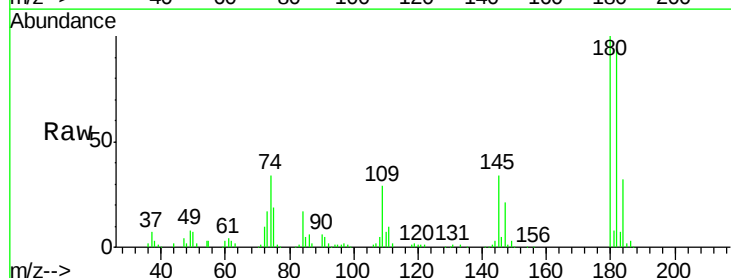
Tgt Ion:180 Resp: 98691

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

145 34.1 26.4 39.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

