

Data File : VU035987.D
Acq On : 05 Dec 2019 11:47
Operator : JC/SP
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

Quant Time: Dec 06 00:55:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	315705	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	329133	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	163142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	147947	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.93	69	124281	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	222526	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.20%
20) 2-Butanone-d5	4.70	46	297821	46.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	5.11	84	238253	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.75	65	119844	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.77	84	462048	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	143401	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	431463	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	8.21	79	57839	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.68	63	243871	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	127758	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	151486	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	164790	5.041	ug/L 100
3) Chloromethane	1.54	50	168977	4.526	ug/L 100
5) Vinyl chloride	1.62	62	181150	4.804	ug/L 99
6) Bromomethane	1.87	94	109269	5.053	ug/L 99
8) Chloroethane	1.95	64	102501	4.383	ug/L 97
9) Trichlorofluoromethane	2.16	101	224189	5.063	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	126752	5.224	ug/L 95
12) 1,1-Dichloroethene	2.61	96	115505	5.105	ug/L 89
13) Acetone	2.68	43	230982	40.089	ug/L 99
14) Carbon disulfide	2.82	76	379321	4.786	ug/L 98
15) Methyl Acetate	3.00	43	46530	4.506	ug/L 99
16) Methylene chloride	3.08	84	139807	3.989	ug/L 94
17) Methyl tert-butyl Ether	3.42	73	252523	4.764	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	117533	4.906	ug/L 95
19) 1,1-Dichloroethane	3.92	63	226835	4.843	ug/L 98
21) 2-Butanone	4.77	43	336192	45.453	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	124496	4.919	ug/L 93

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62578	5.401	ug/L	87
25) Chloroform	5.13	83	236478	5.004	ug/L	100
27) 1,2-Dichloroethane	5.84	62	148363	4.912	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	198141	4.978	ug/L	98
30) Cyclohexane	5.43	56	176499	4.490	ug/L	97
31) Carbon tetrachloride	5.56	117	179440	5.085	ug/L	98
33) Benzene	5.82	78	515346	4.979	ug/L	100
34) Trichloroethene	6.58	95	130037	4.968	ug/L	97
35) Methylcyclohexane	6.80	83	184459	4.700	ug/L	97
37) 1,2-Dichloropropane	6.83	63	131966	4.709	ug/L	99
38) Bromodichloromethane	7.14	83	163927	4.887	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	170118	4.575	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	754410	45.800	ug/L	98
42) Toluene	8.00	91	558714	5.168	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	152716	4.803	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	98706	5.173	ug/L	96
47) Tetrachloroethene	8.58	164	112046	5.267	ug/L	96
48) 2-Hexanone	8.73	43	583591	47.964	ug/L	97
49) Dibromochloromethane	8.84	129	117161	5.036	ug/L	95
50) 1,2-Dibromoethane	8.96	107	92278	4.984	ug/L	92
51) Chlorobenzene	9.47	112	348697	5.165	ug/L	97
52) Ethylbenzene	9.60	91	537609	4.919	ug/L	97
53) m,p-Xylene	9.72	106	215203	5.216	ug/L	97
54) o-Xylene	10.13	106	201909	5.215	ug/L	93
55) Styrene	10.14	104	348066	5.346	ug/L	98
56) Isopropylbenzene	10.51	105	523246	5.156	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	124509	4.863	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	88971	4.884	ug/L	99
61) Bromoform	10.32	173	71173	4.723	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	265912	4.901	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	265082	4.922	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	253960	4.897	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16369	4.052	ug/L	83
67) 1,3,5-Trichlorobenzene	13.24	180	182503	4.928	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	94445	4.759	ug/L	97
69) Naphthalene	14.11	128	85245	3.772	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	91742	4.668	ug/L	96

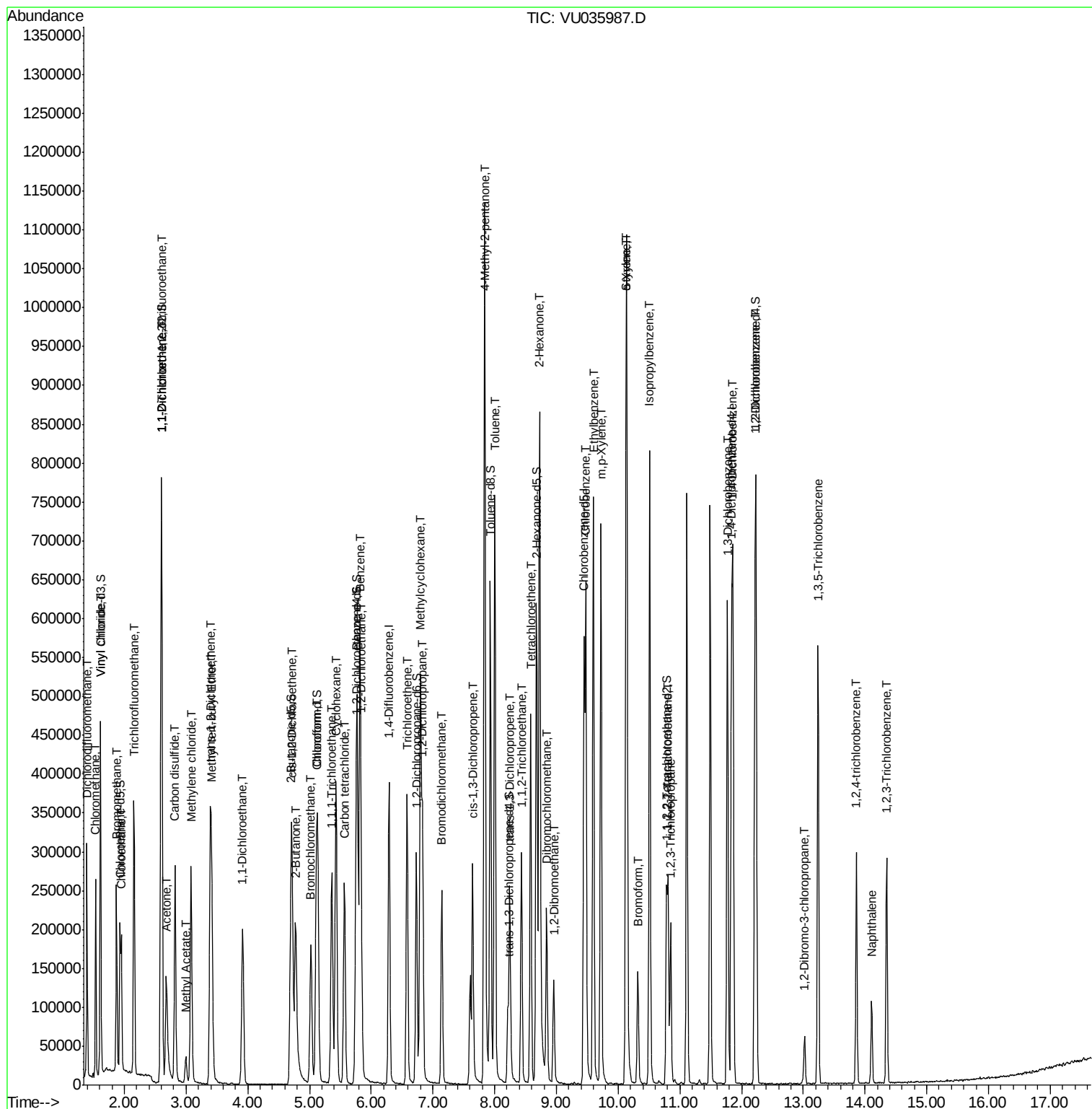
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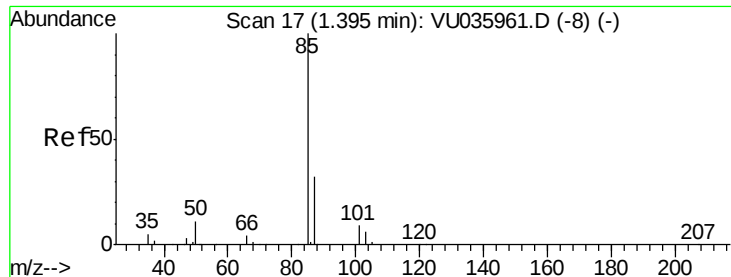
Data File : VU035987.D

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Acq On       : 05 Dec 2019  11:47
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ClientSampleId :
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#2

Dichlorodifluoromethane

Concen: 5.041 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

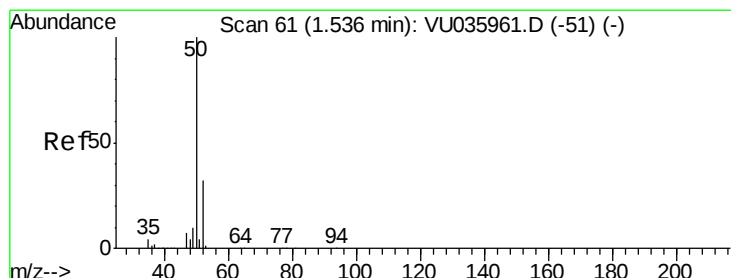
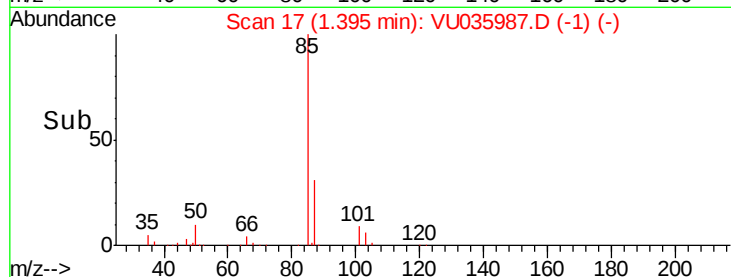
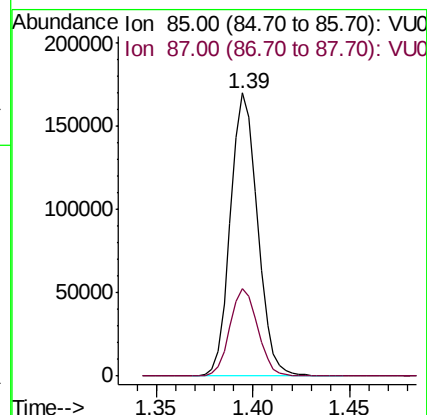
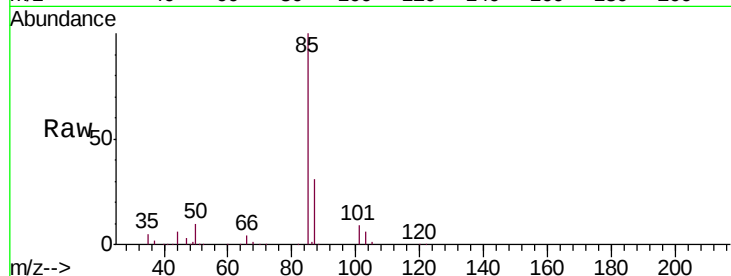
VSTD00522

Tgt Ion: 85 Resp: 164790

Ion Ratio Lower Upper

85 100

87 31.8 25.4 38.2



#3

Chloromethane

Concen: 4.526 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU035987.D

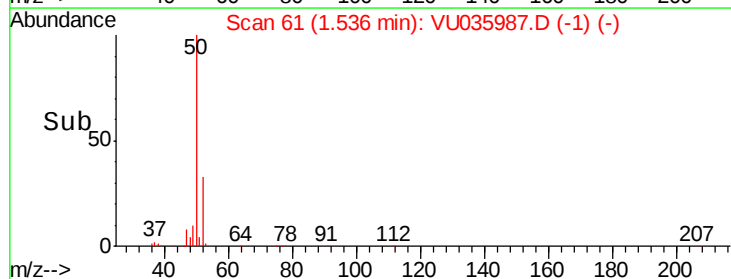
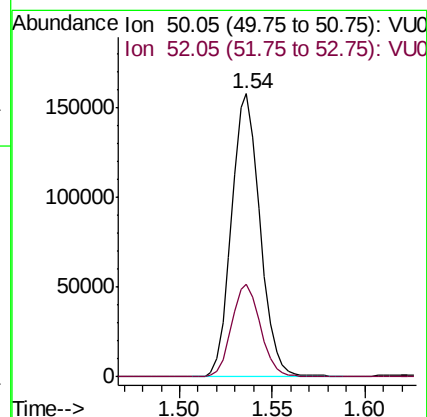
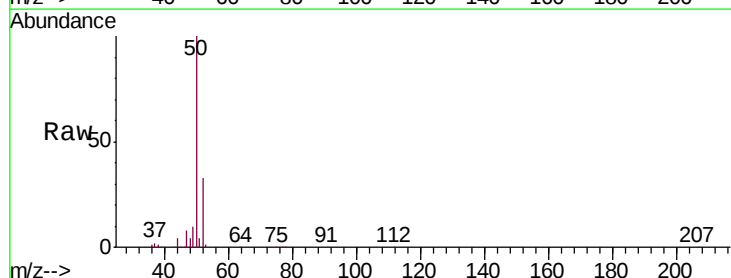
Acq: 05 Dec 2019 11:47

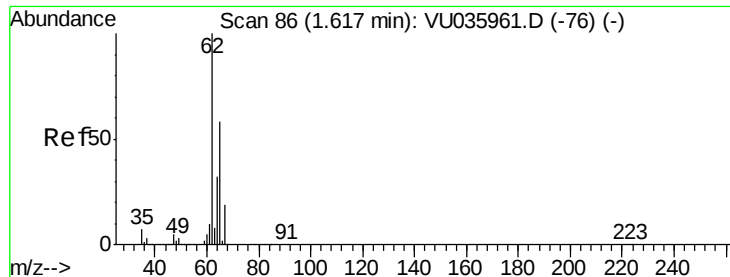
Tgt Ion: 50 Resp: 168977

Ion Ratio Lower Upper

50 100

52 32.9 23.1 42.9





#5

Vinyl chloride

Concen: 4.804 ug/L

RT: 1.62 min Scan# 86

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

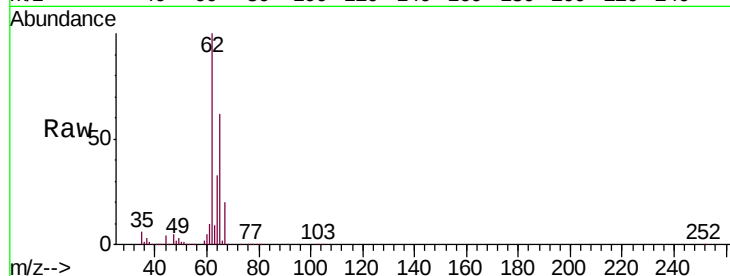
VSTD00522

Tgt Ion: 62 Resp: 181150

Ion Ratio Lower Upper

62 100

64 33.2 23.0 42.6



Abundance Ion 62.00 (61.70 to 62.70): VU035961.D (-76) (-)

Ion 64.10 (63.80 to 64.80): VU035987.D (-73) (-)

1.62

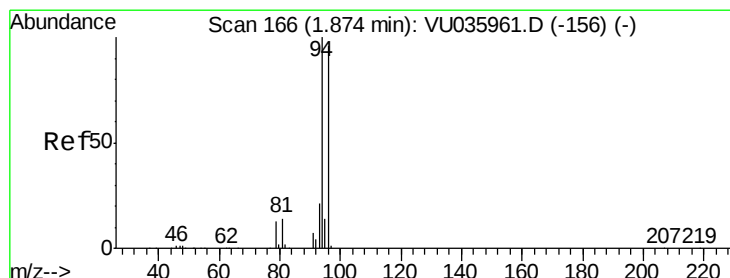
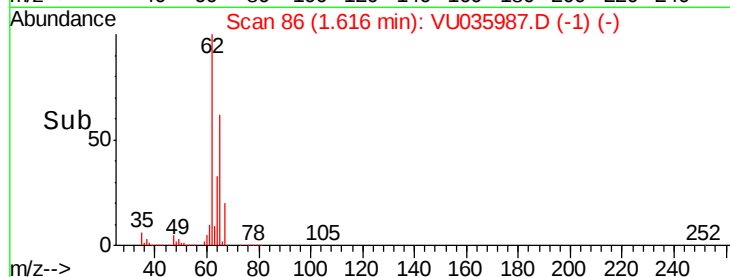
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 5.053 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU035987.D

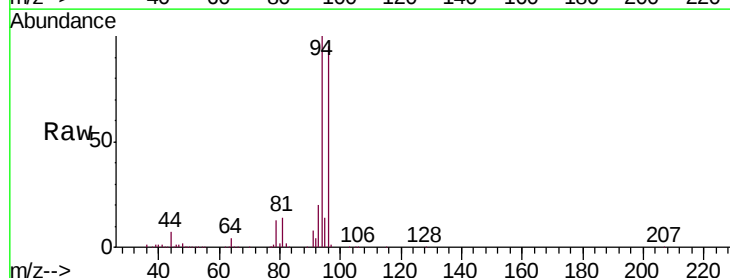
Acq: 05 Dec 2019 11:47

Tgt Ion: 94 Resp: 109269

Ion Ratio Lower Upper

94 100

96 95.2 67.3 124.9



Abundance Ion 94.00 (93.70 to 94.70): VU035961.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035987.D (-73) (-)

1.87

100000

80000

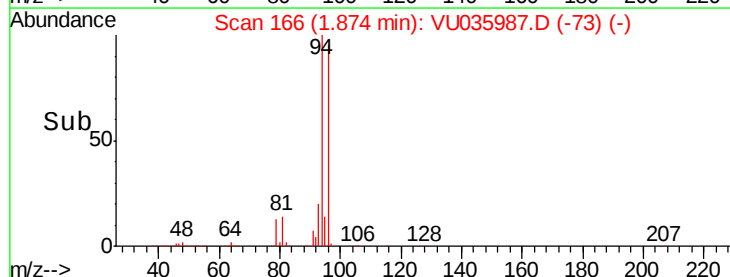
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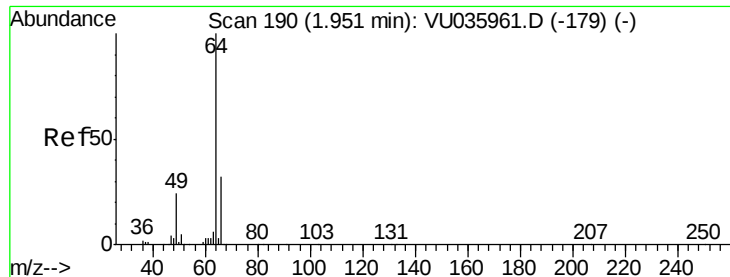
40000

20000

0

Time-->





#8

Chloroethane

Concen: 4.383 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

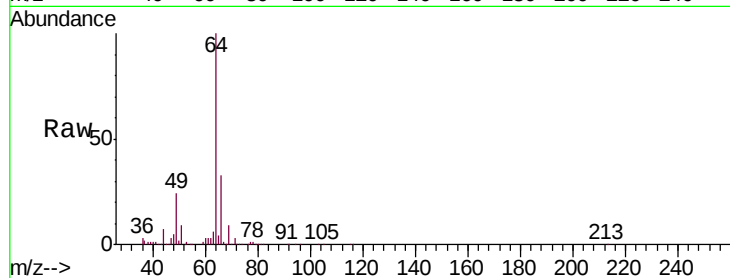
VSTD00522

Tgt Ion: 64 Resp: 102501

Ion Ratio Lower Upper

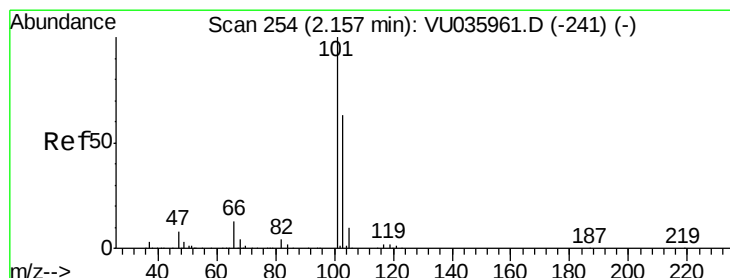
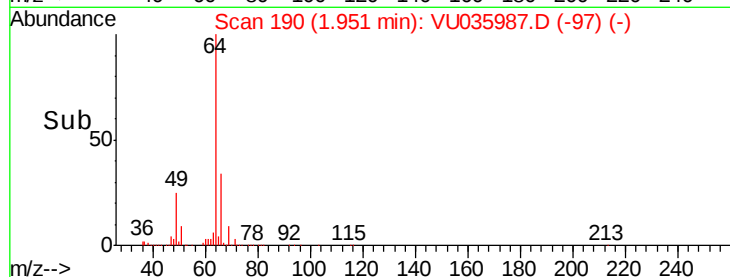
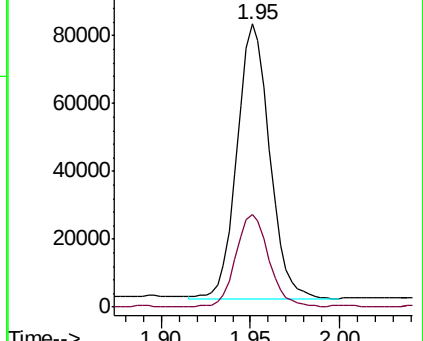
64 100

66 32.9 22.0 40.8



Abundance Ion 64.10 (63.80 to 64.80): VU035961.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU035961.D (-179) (-)



#9

Trichlorofluoromethane

Concen: 5.063 ug/L

RT: 2.16 min Scan# 254

Delta R.T. -0.00 min

Lab File: VU035987.D

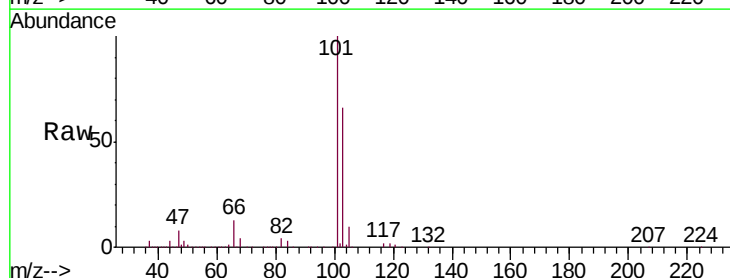
Acq: 05 Dec 2019 11:47

Tgt Ion: 101 Resp: 224189

Ion Ratio Lower Upper

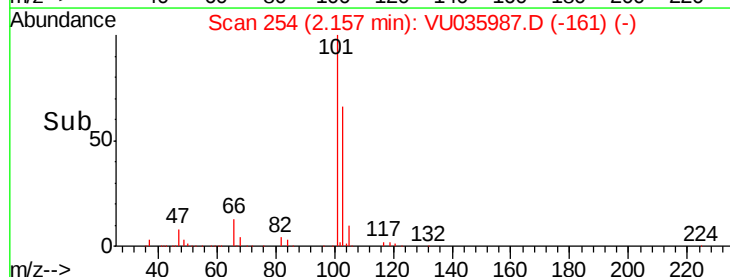
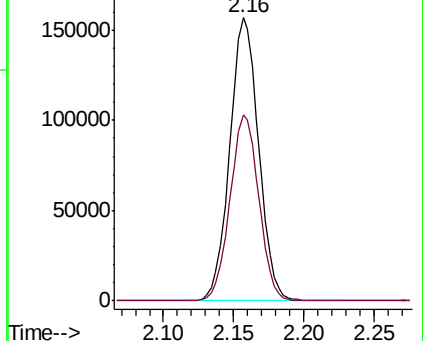
101 100

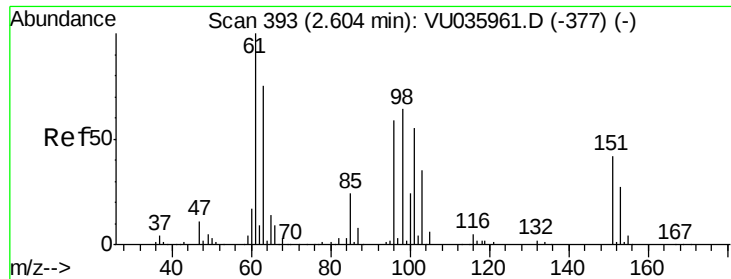
103 65.6 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): VU035961.D (-241) (-)

Ion 103.00 (102.70 to 103.70): VU035961.D (-241) (-)





#10

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

Concen: 5.224 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD00522

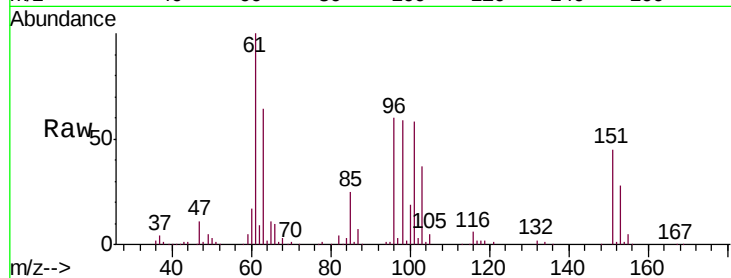
Tgt Ion: 101 Resp: 126752

Ion Ratio Lower Upper

101 100

85 42.9 35.5 53.3

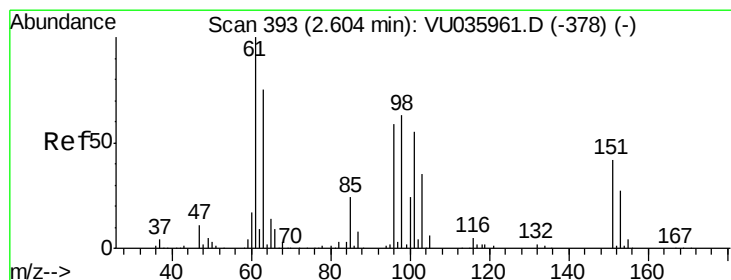
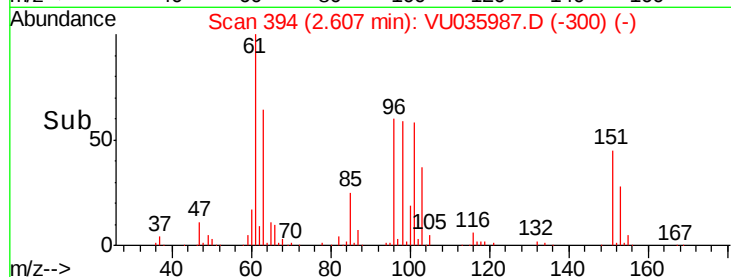
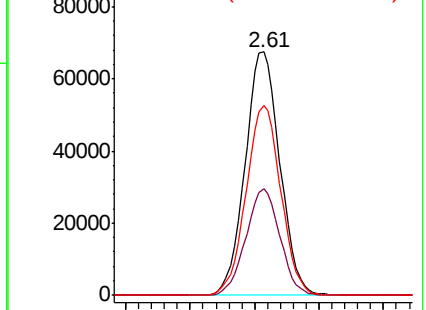
151 77.8 57.5 86.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.105 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

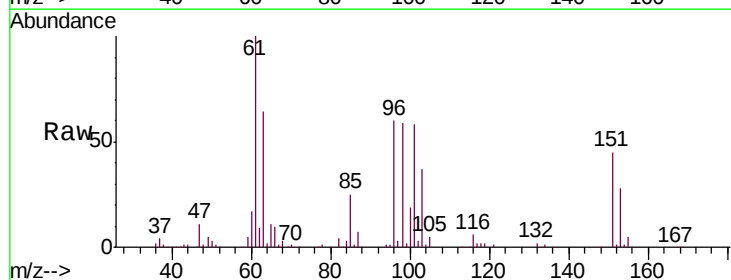
Tgt Ion: 96 Resp: 115505

Ion Ratio Lower Upper

96 100

61 167.4 127.1 236.1

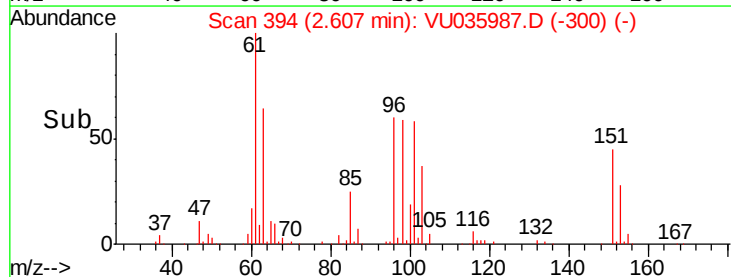
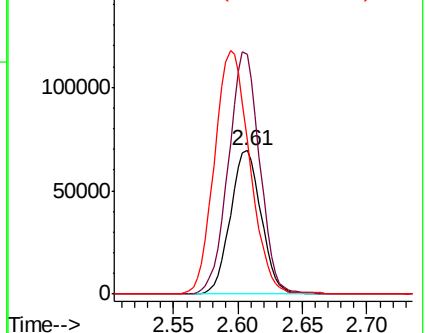
63 107.9 86.0 159.8

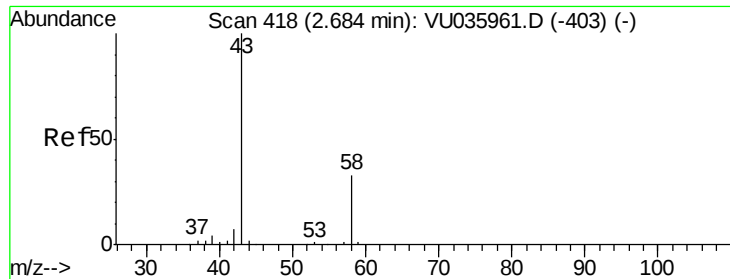


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 40.089 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

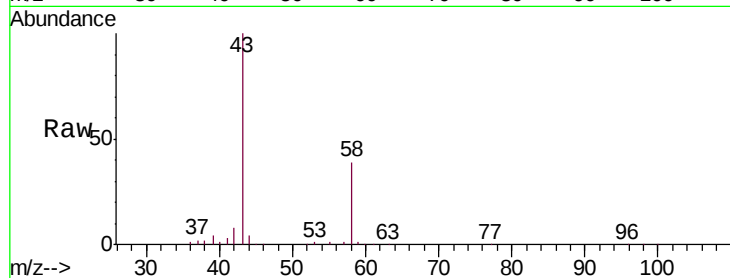
VSTD00522

Tgt Ion: 43 Resp: 230982

Ion Ratio Lower Upper

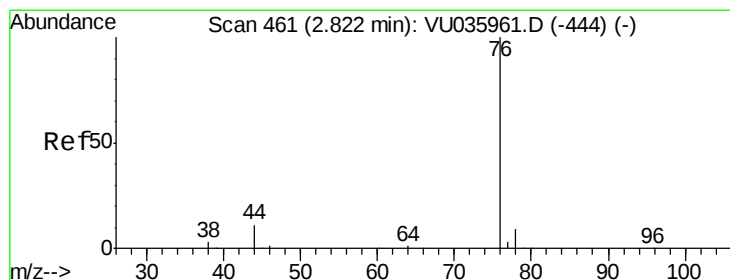
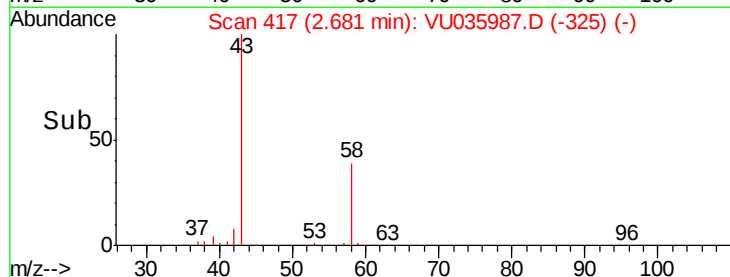
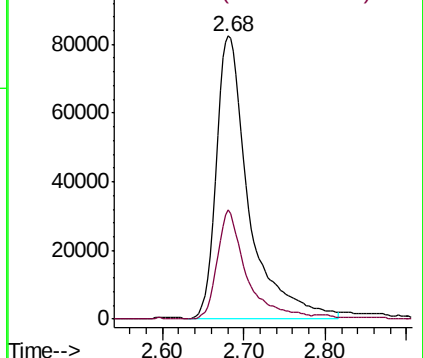
43 100

58 34.8 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035987.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU035987.D (-325) (-)



#14

Carbon disulfide

Concen: 4.786 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035987.D

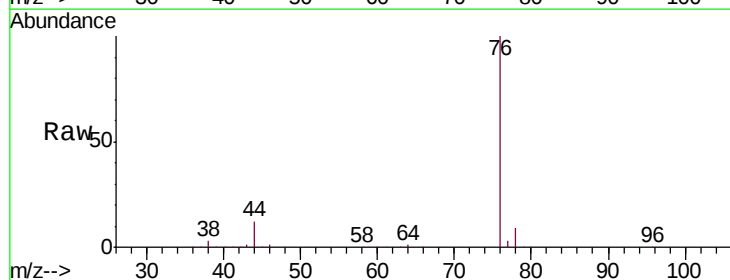
Acq: 05 Dec 2019 11:47

Tgt Ion: 76 Resp: 379321

Ion Ratio Lower Upper

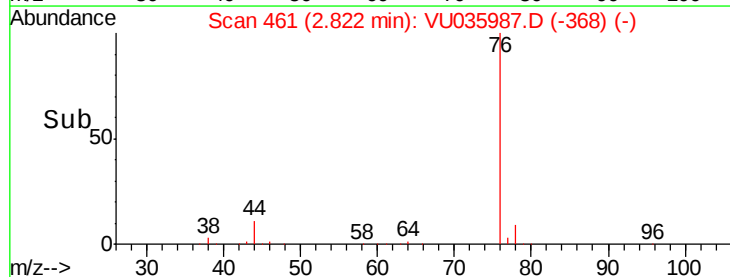
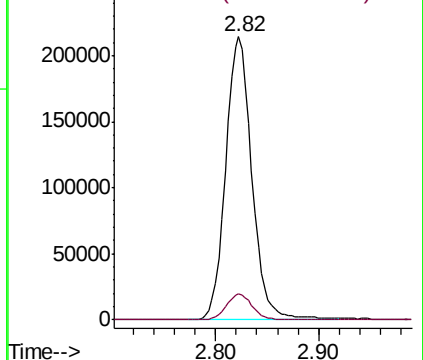
76 100

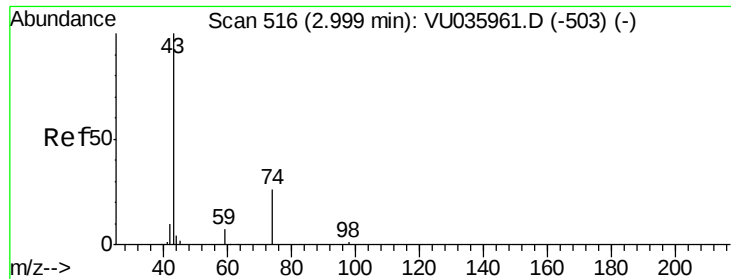
78 9.2 6.9 10.3



Abundance Ion 76.05 (75.75 to 76.75): VU035987.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU035987.D (-368) (-)

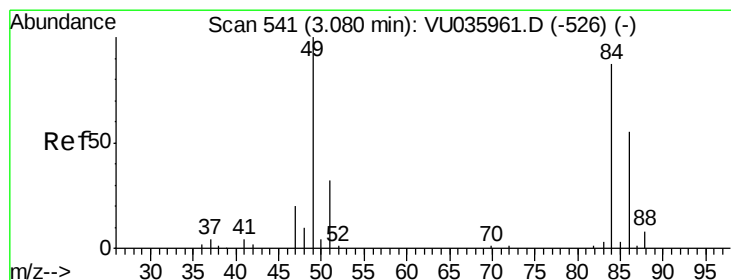
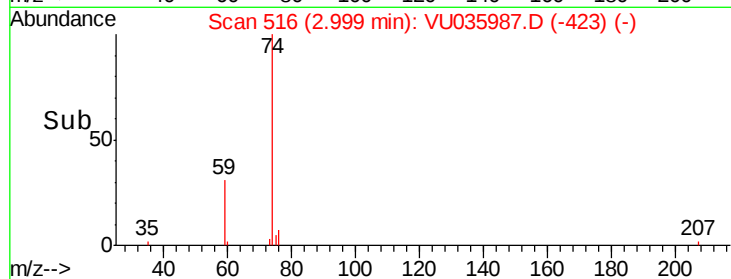
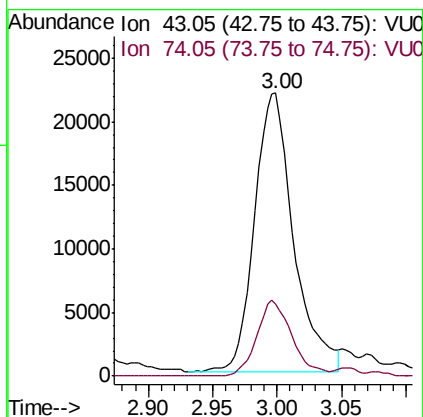
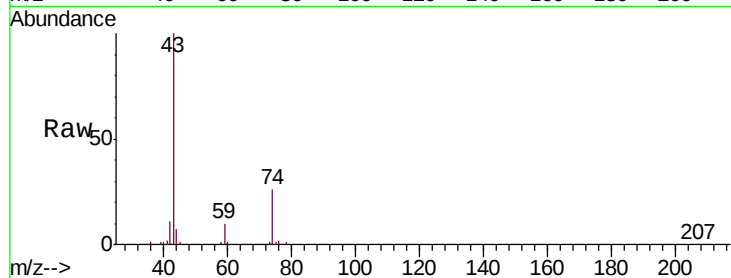




#15
Methyl Acetate
Concen: 4.506 ug/L
RT: 3.00 min Scan# 516
Delta R.T. -0.00 min
Lab File: VU035987.D
Acq: 05 Dec 2019 11:47

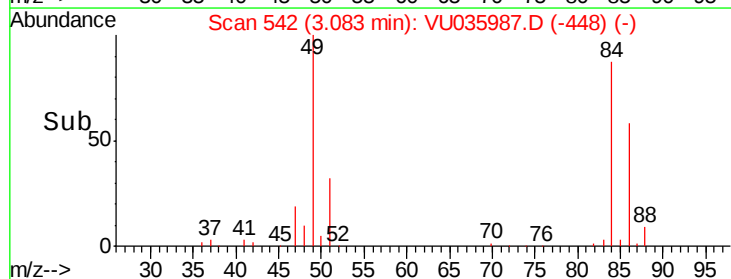
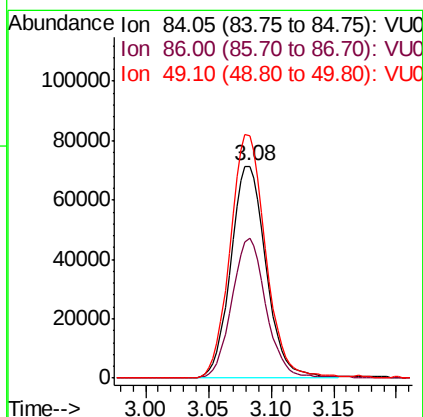
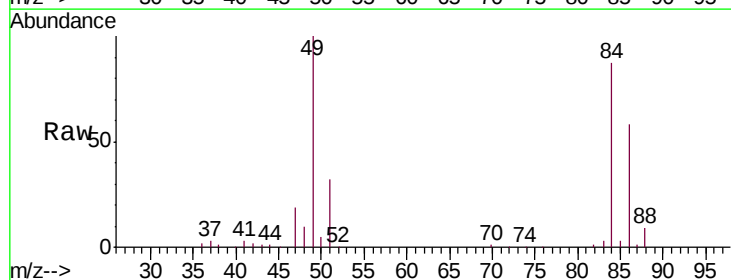
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

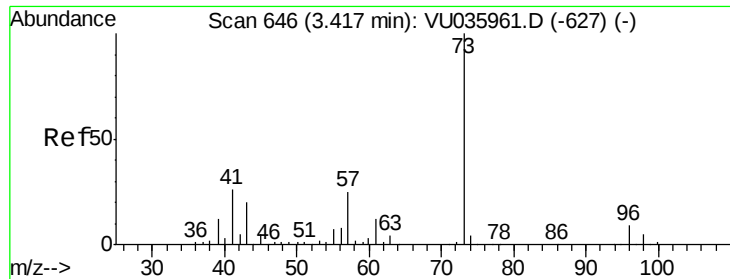
Tgt Ion: 43 Resp: 46530
Ion Ratio Lower Upper
43 100
74 24.5 20.0 30.0



#16
Methylene chloride
Concen: 3.989 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035987.D
Acq: 05 Dec 2019 11:47

Tgt Ion: 84 Resp: 139807
Ion Ratio Lower Upper
84 100
86 65.8 44.7 82.9
49 114.3 86.2 160.2





#17

Methyl tert-butyl Ether

Concen: 4.764 ug/L

RT: 3.42 min Scan# 646

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD00522

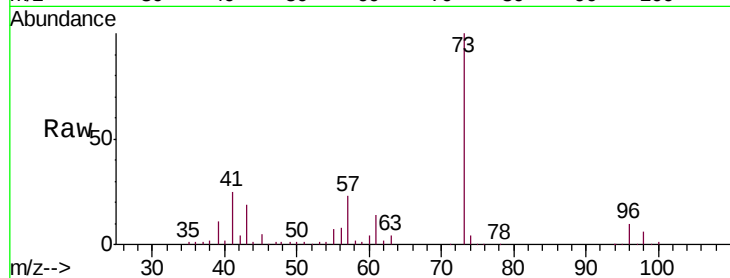
Tgt Ion: 73 Resp: 252523

Ion Ratio Lower Upper

73 100

43 19.2 15.9 23.9

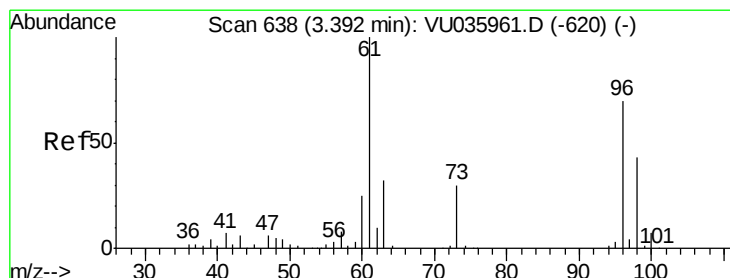
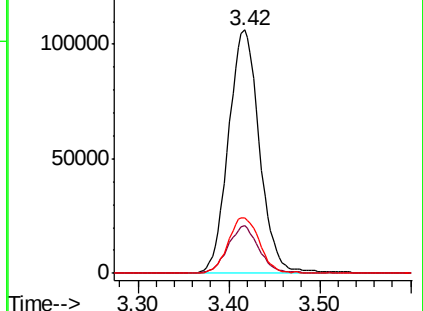
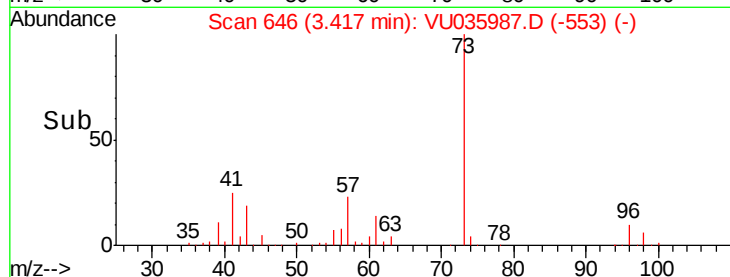
57 23.1 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VU035987.D (-553) (-)

Ion 43.05 (42.75 to 43.75): VU035987.D (-553) (-)

Ion 57.10 (56.80 to 57.80): VU035987.D (-553) (-)



#18

trans-1,2-Dichloroethene

Concen: 4.906 ug/L

RT: 3.39 min Scan# 638

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

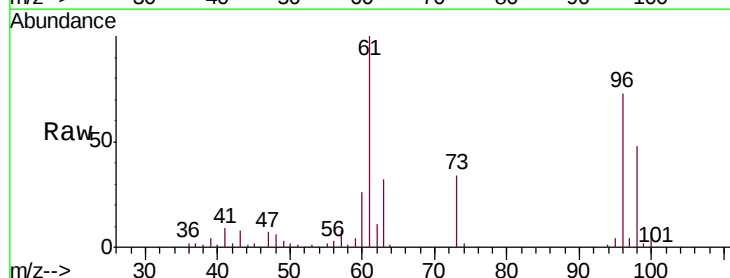
Tgt Ion: 96 Resp: 117533

Ion Ratio Lower Upper

96 100

61 136.6 101.2 187.8

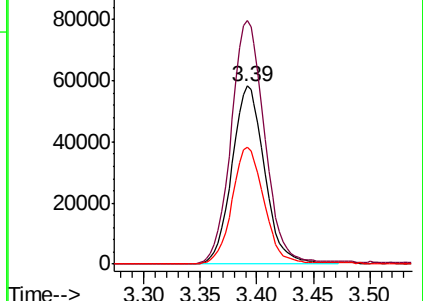
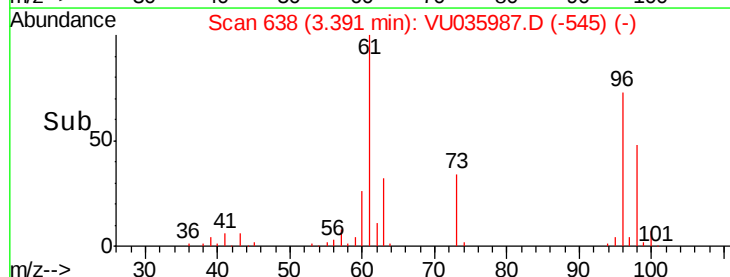
98 65.8 45.0 83.6

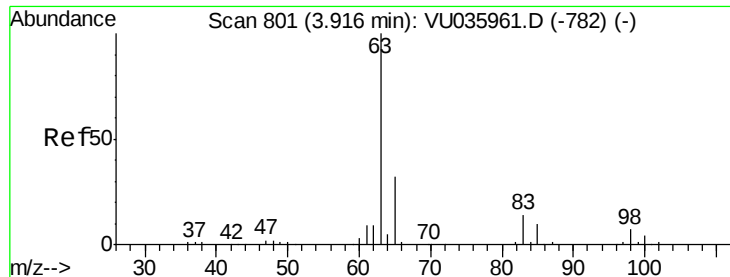


Abundance Ion 96.00 (95.70 to 96.70): VU035987.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035987.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035987.D (-545) (-)

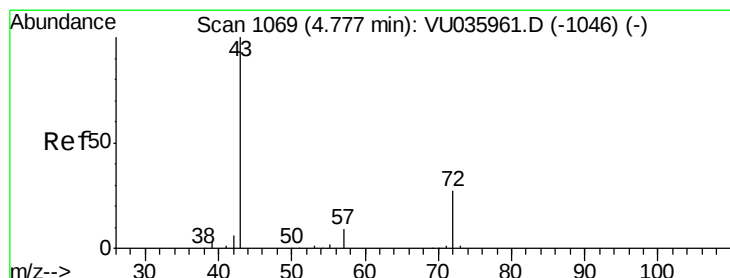
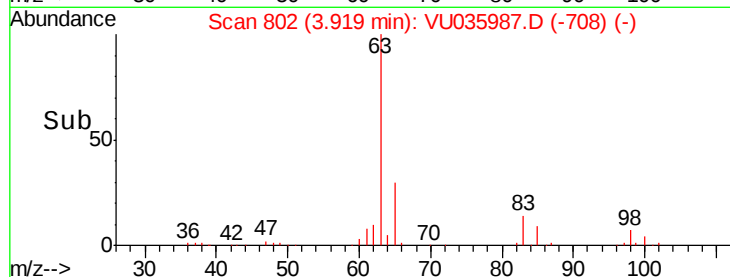
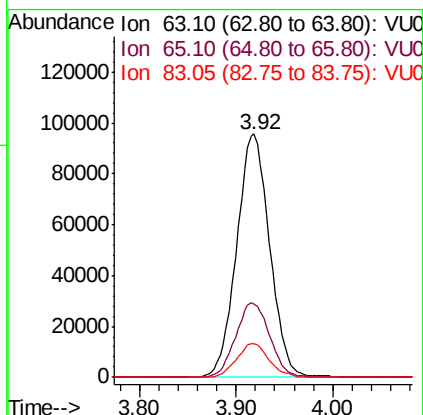
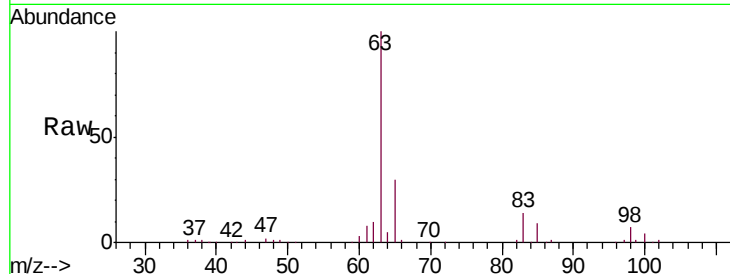




#19
 1,1-Dichloroethane
 Concen: 4.843 ug/L
 RT: 3.92 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

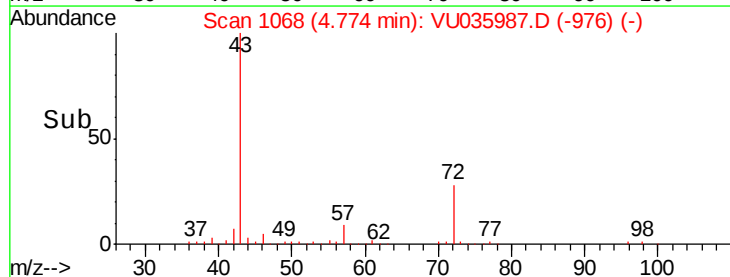
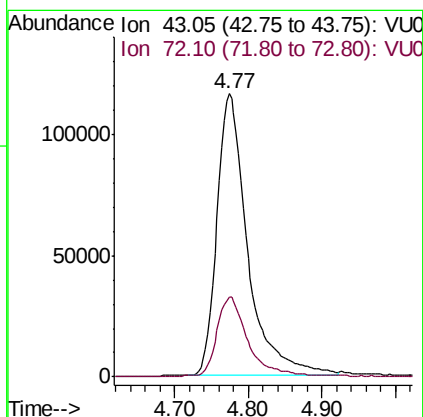
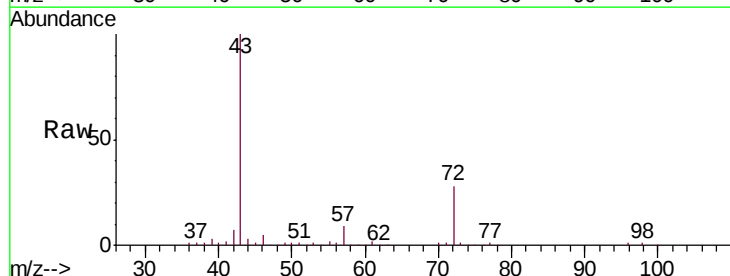
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

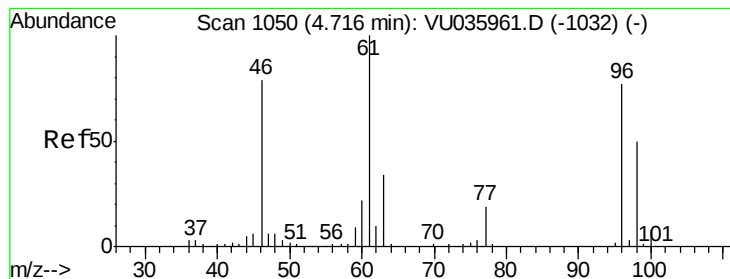
Tgt Ion: 63 Resp: 226835
 Ion Ratio Lower Upper
 63 100
 65 30.2 22.4 41.6
 83 13.7 9.8 18.2



#21
 2-Butanone
 Concen: 45.453 ug/L
 RT: 4.77 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Tgt Ion: 43 Resp: 336192
 Ion Ratio Lower Upper
 43 100
 72 27.4 12.6 37.8





#22

cis-1,2-Dichloroethene

Concen: 4.919 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

VSTD00522

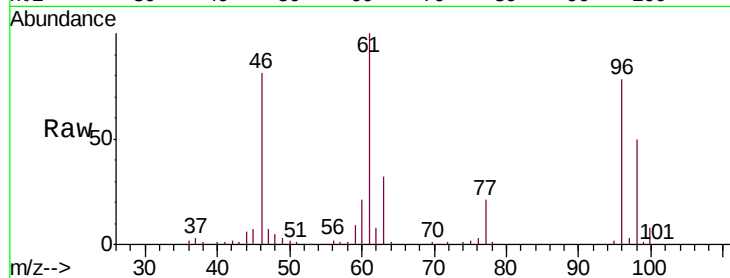
Tgt Ion: 96 Resp: 124496

Ion Ratio Lower Upper

96 100

61 128.8 95.7 177.7

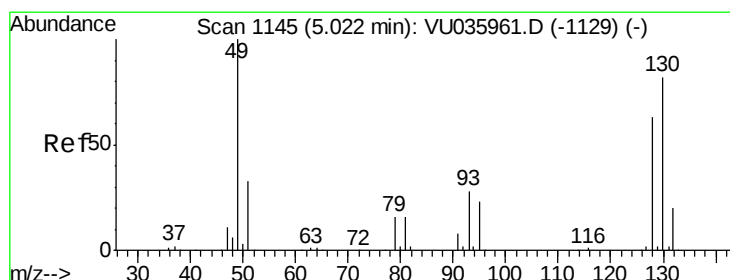
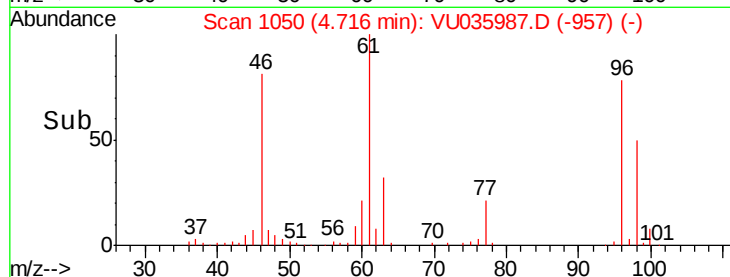
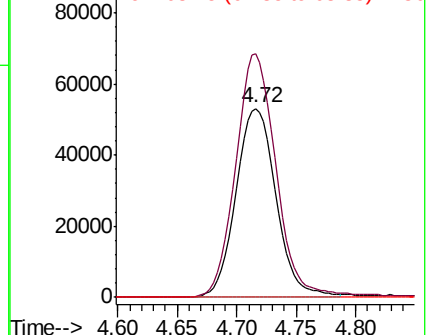
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035987.D (-957) (-)

Ion 61.05 (60.75 to 61.75): VU035987.D (-957) (-)

Ion 68.15 (67.85 to 68.85): VU035987.D (-957) (-)



#23

Bromochloromethane

Concen: 5.401 ug/L

RT: 5.02 min Scan# 1146

Delta R.T. 0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Tgt Ion: 128 Resp: 62578

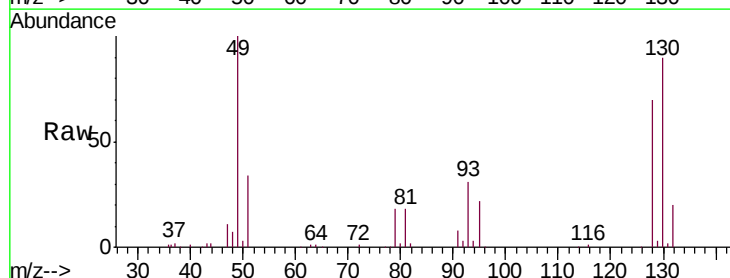
Ion Ratio Lower Upper

128 100

49 142.2 118.3 219.7

130 127.6 86.9 161.3

51 48.3 45.6 68.4

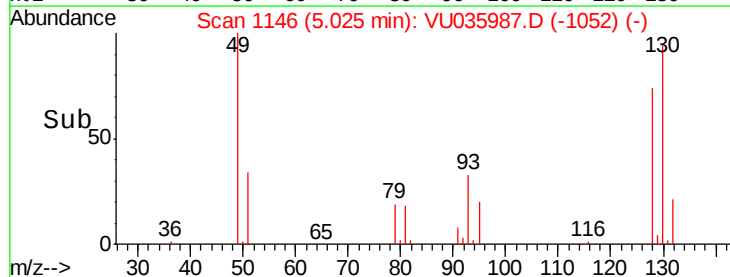
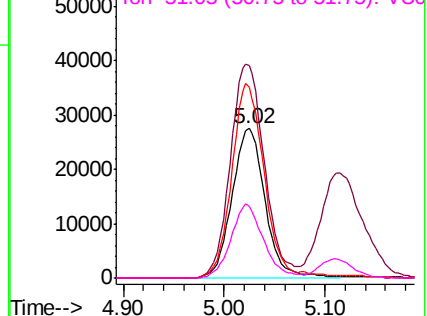


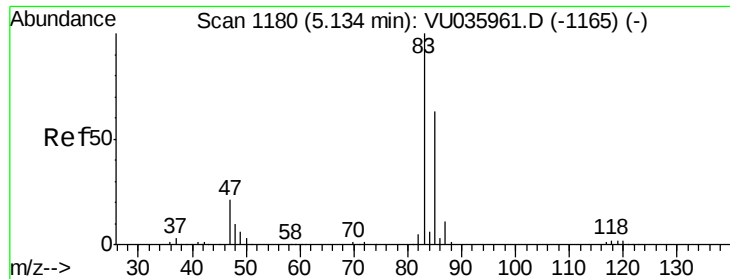
Abundance Ion 127.90 (127.60 to 128.60): VU035987.D (-1052) (-)

Ion 49.10 (48.80 to 49.80): VU035987.D (-1052) (-)

Ion 129.95 (129.65 to 130.65): VU035987.D (-1052) (-)

Ion 51.05 (50.75 to 51.75): VU035987.D (-1052) (-)

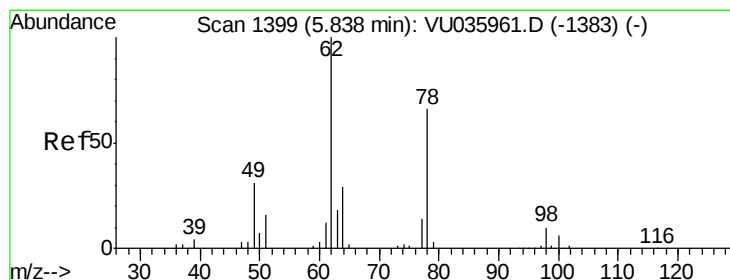
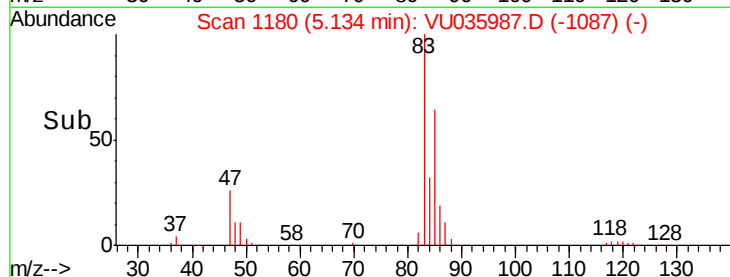
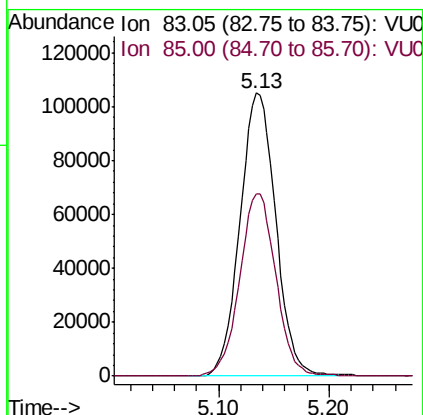
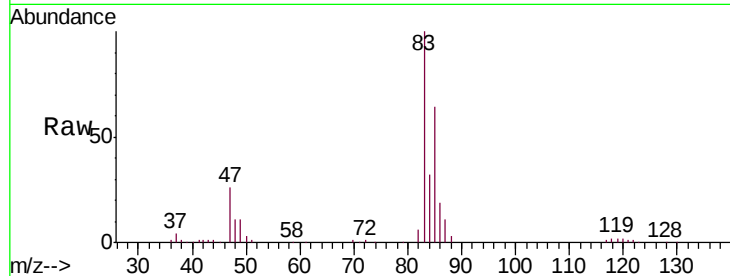




#25
Chloroform
Concen: 5.004 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035987.D
Acq: 05 Dec 2019 11:47

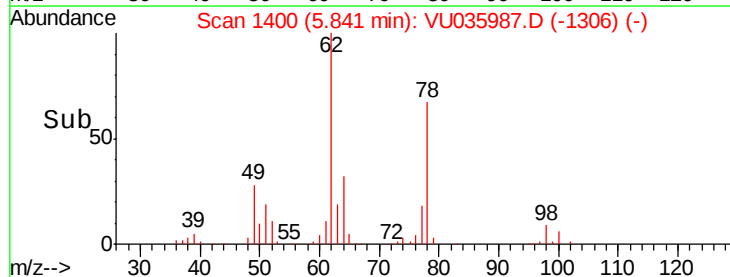
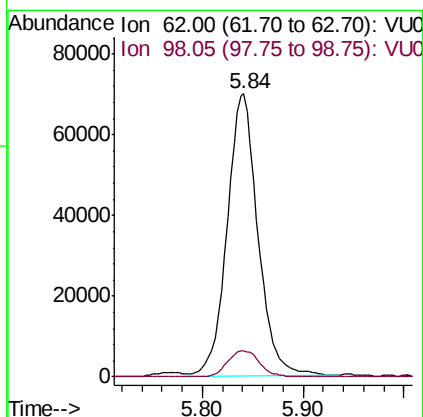
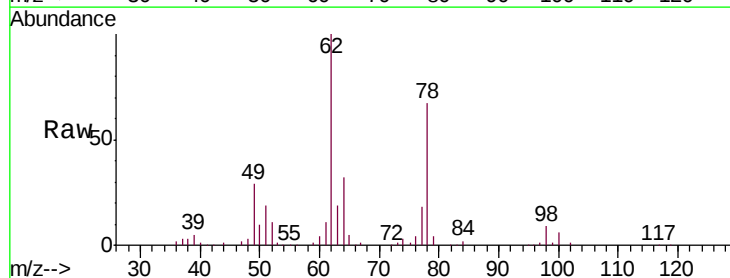
Instrument :
MSVOA_U
ClientSampleId :
VSTD00522

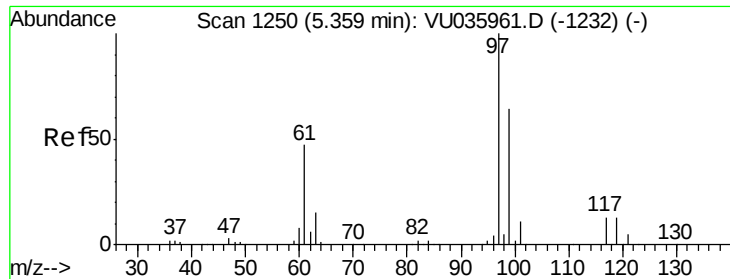
Tgt Ion: 83 Resp: 236478
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.912 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU035987.D
Acq: 05 Dec 2019 11:47

Tgt Ion: 62 Resp: 148363
Ion Ratio Lower Upper
62 100
98 9.2 7.6 11.4

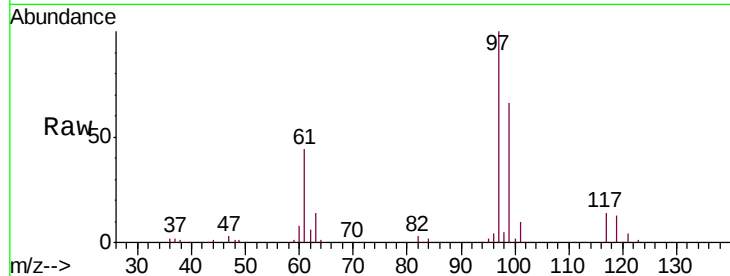




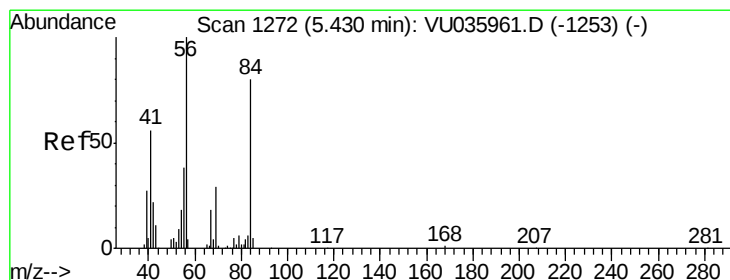
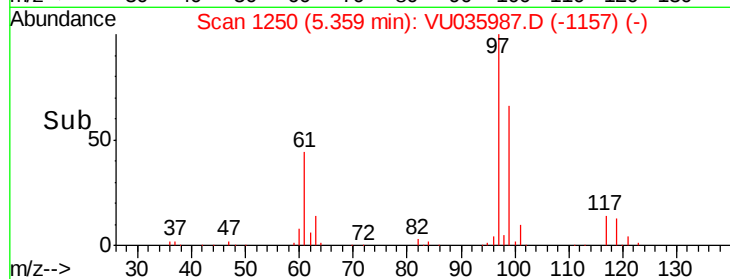
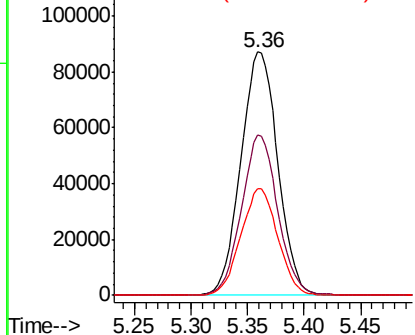
#29
 1,1,1-Trichloroethane
 Concen: 4.978 ug/L
 RT: 5.36 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Tgt Ion: 97 Resp: 198141
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.8
 61 43.9 37.6 56.4

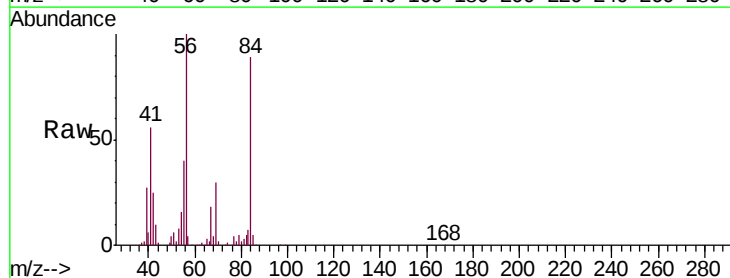


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

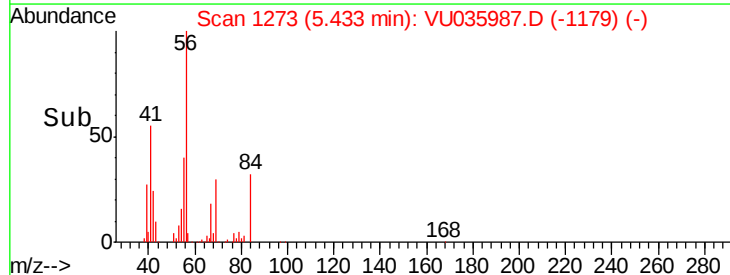
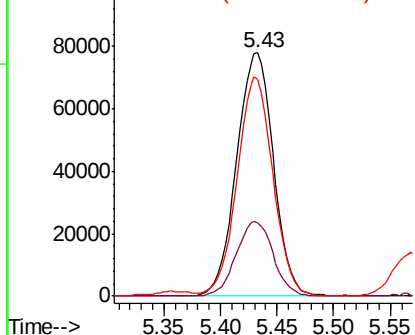


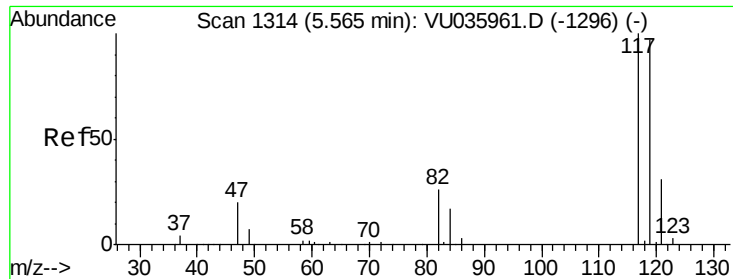
#30
 Cyclohexane
 Concen: 4.490 ug/L
 RT: 5.43 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Tgt Ion: 56 Resp: 176499
 Ion Ratio Lower Upper
 56 100
 69 30.8 24.0 36.0
 84 86.9 66.9 100.3



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 5.085 ug/L

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

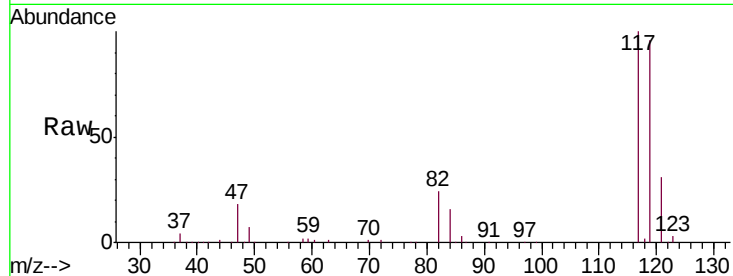
VSTD00522

Tgt Ion:117 Resp: 179440

Ion Ratio Lower Upper

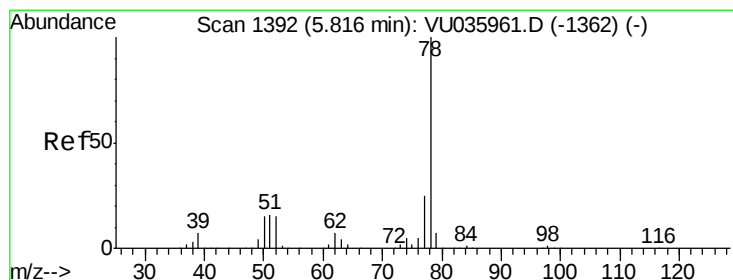
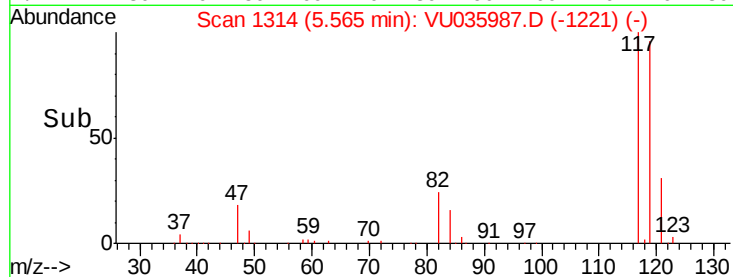
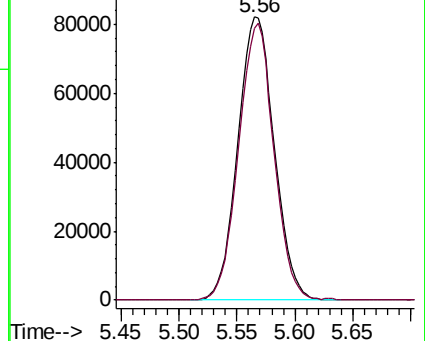
117 100

119 94.4 76.9 115.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.979 ug/L

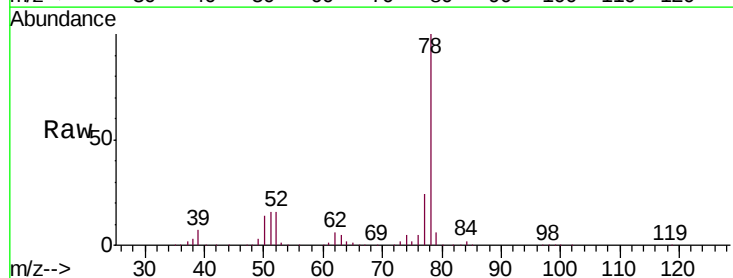
RT: 5.82 min Scan# 1392

Delta R.T. -0.00 min

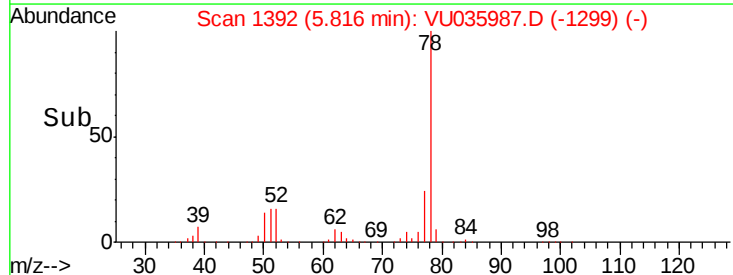
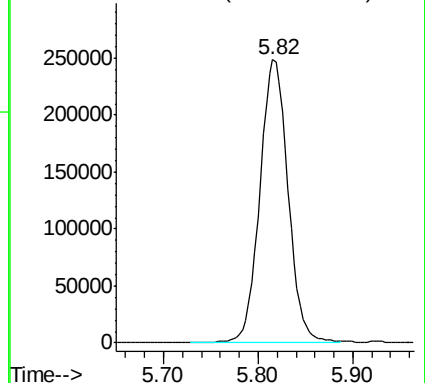
Lab File: VU035987.D

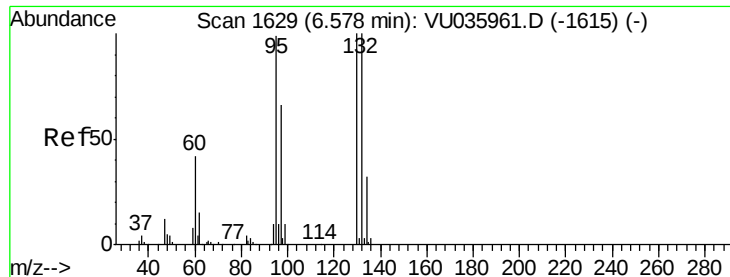
Acq: 05 Dec 2019 11:47

Tgt Ion: 78 Resp: 515346



Abundance Ion 78.10 (77.80 to 78.80): VU0

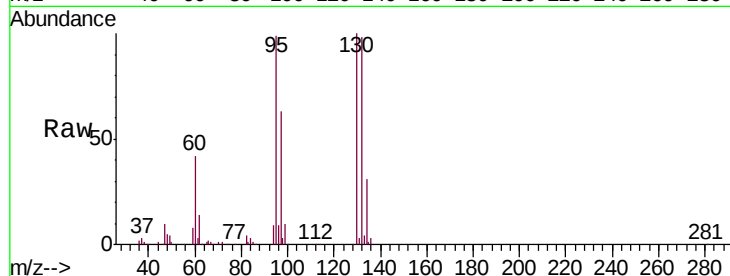




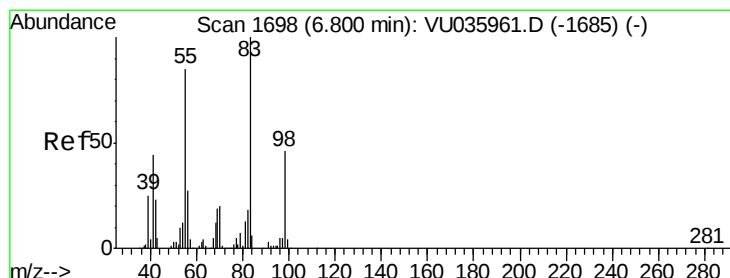
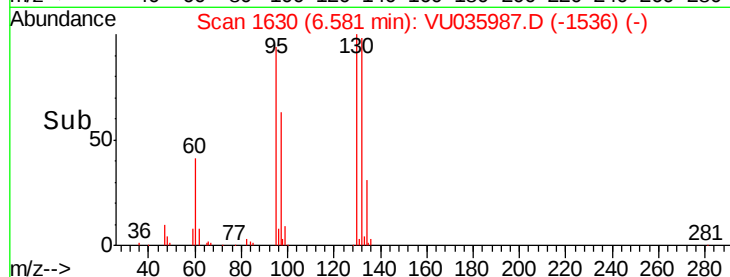
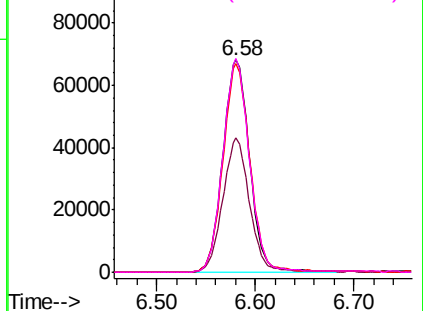
#34
 Trichloroethene
 Concen: 4.968 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Tgt Ion: 95 Resp: 130037
 Ion Ratio Lower Upper
 95 100
 97 63.2 46.3 85.9
 132 98.5 65.7 122.1
 130 100.6 69.2 128.6

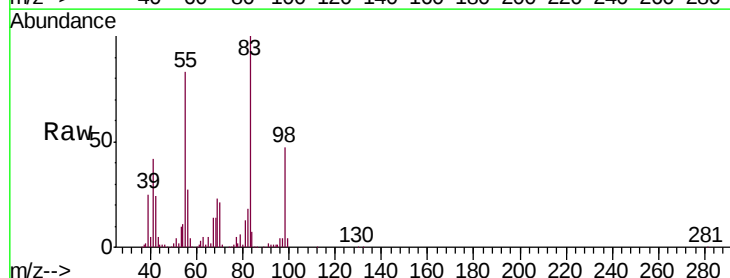


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

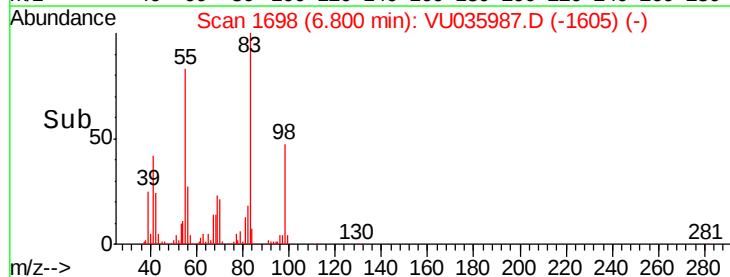
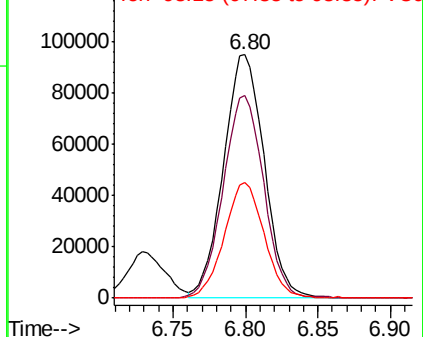


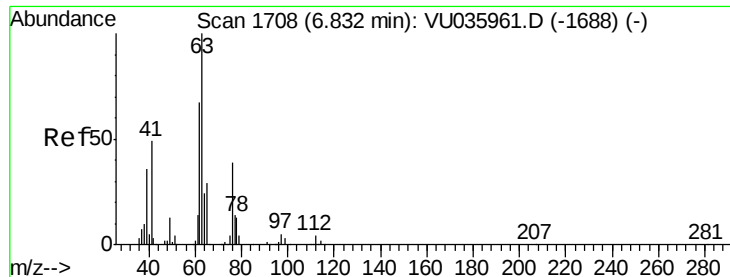
#35
 Methylcyclohexane
 Concen: 4.700 ug/L
 RT: 6.80 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Tgt Ion: 83 Resp: 184459
 Ion Ratio Lower Upper
 83 100
 55 83.1 67.4 101.0
 98 46.5 34.6 52.0



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

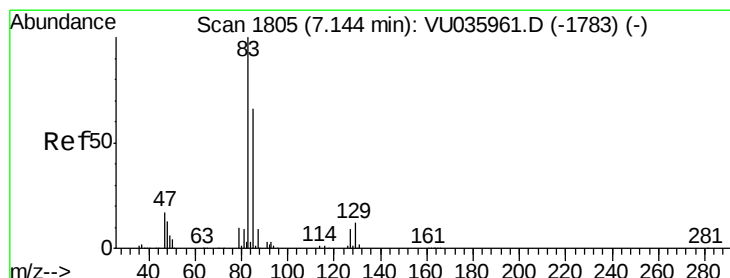
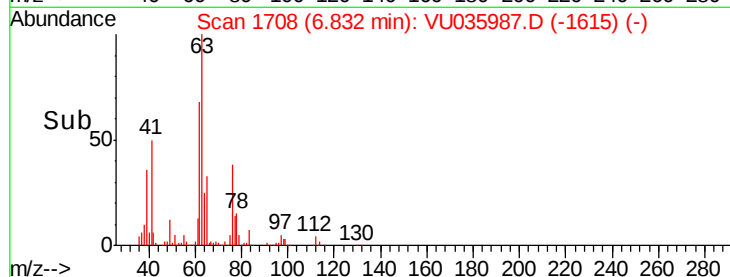
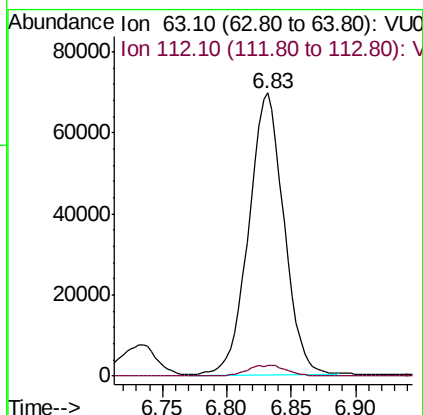
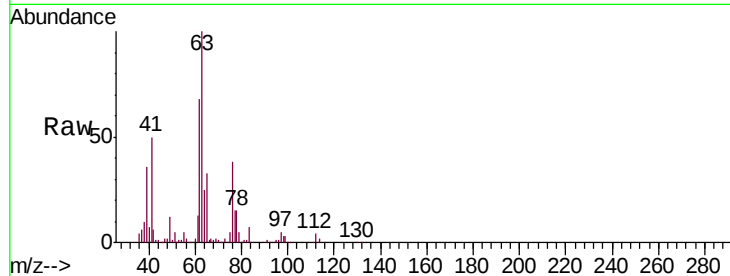




#37
 1,2-Dichloropropane
 Concen: 4.709 ug/L
 RT: 6.83 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

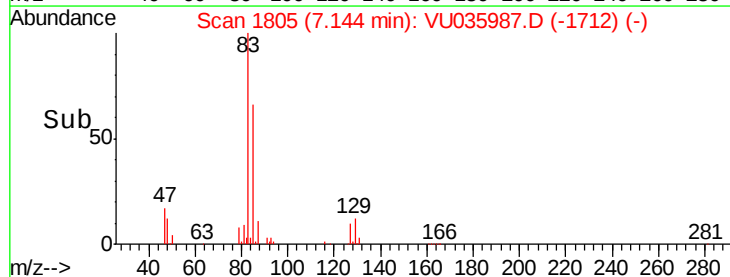
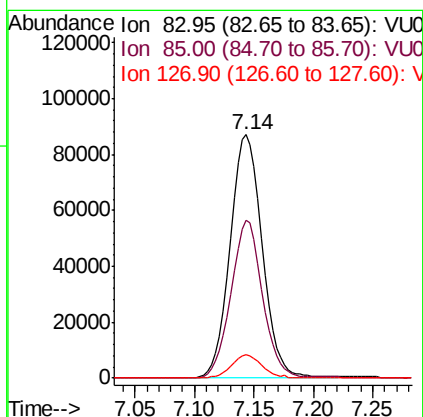
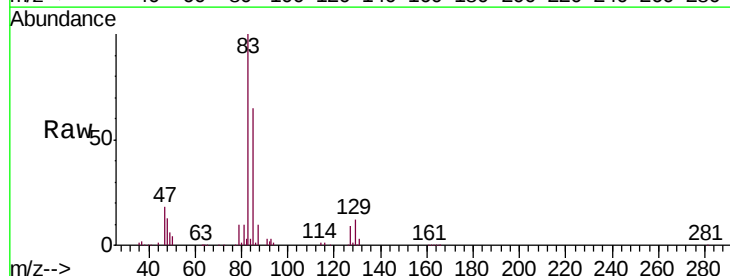
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

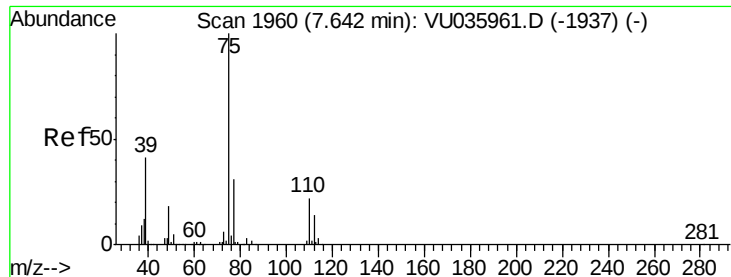
Tgt Ion: 63 Resp: 131966
 Ion Ratio Lower Upper
 63 100
 112 4.4 3.3 4.9



#38
 Bromodichloromethane
 Concen: 4.887 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Tgt Ion: 83 Resp: 163927
 Ion Ratio Lower Upper
 83 100
 85 64.9 44.0 81.8
 127 9.4 6.5 9.7

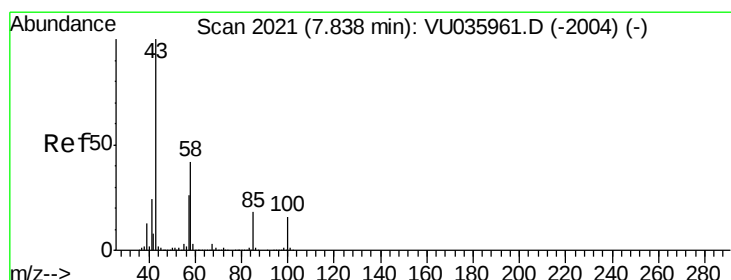
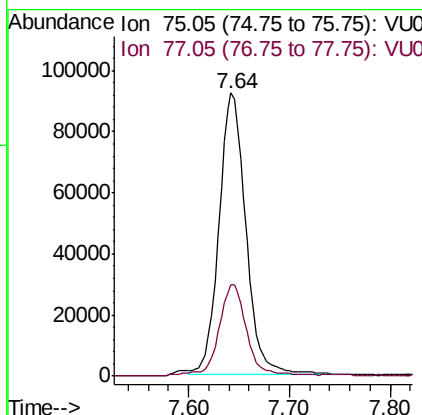
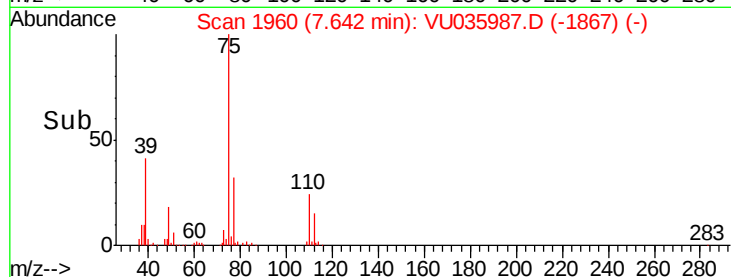
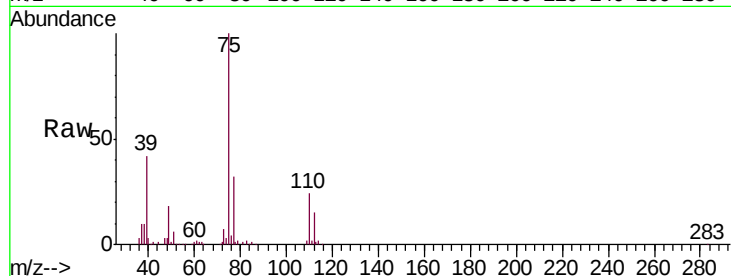




#39
 cis-1,3-Dichloropropene
 Concen: 4.575 ug/L
 RT: 7.64 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

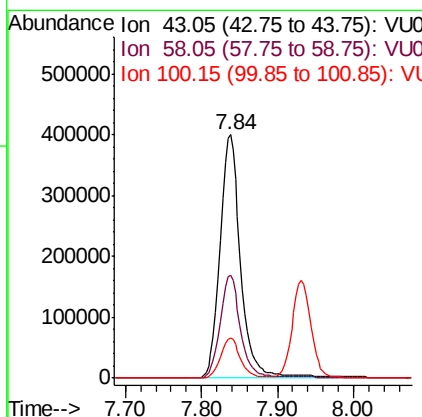
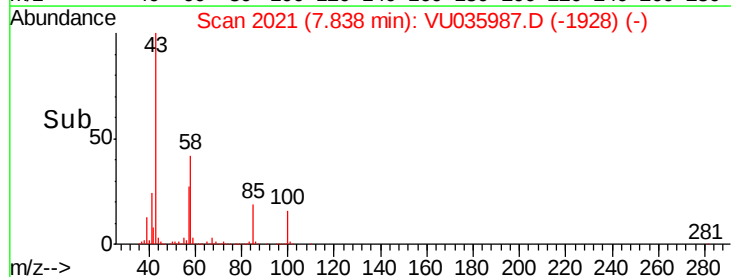
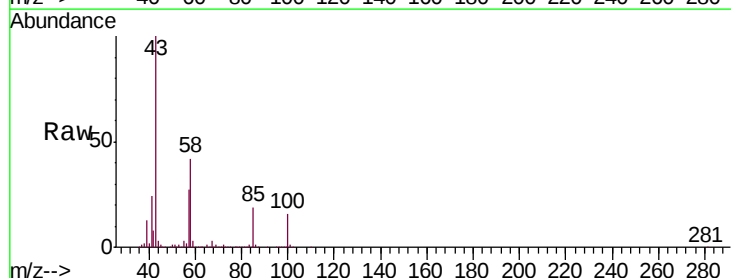
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

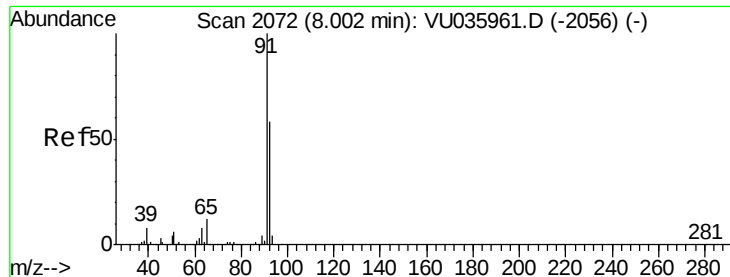
Tgt Ion: 75 Resp: 170118
 Ion Ratio Lower Upper
 75 100
 77 32.2 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 45.800 ug/L
 RT: 7.84 min Scan# 2021
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Tgt Ion: 43 Resp: 754410
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.3 48.5
 100 15.8 11.7 17.5





#42

Toluene

Concen: 5.168 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU035987.D

Acq: 05 Dec 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

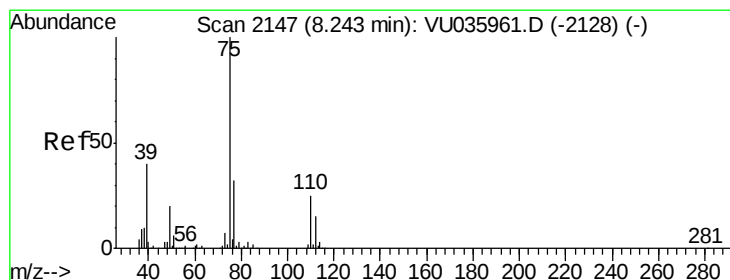
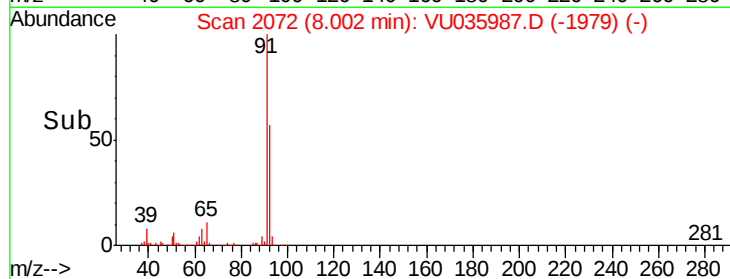
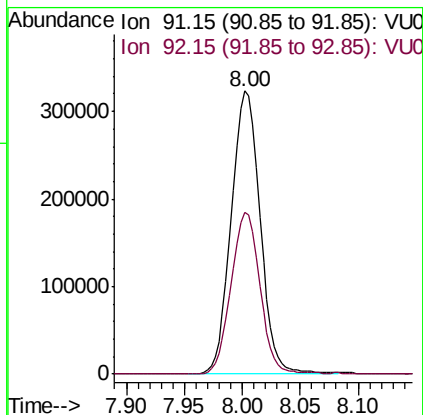
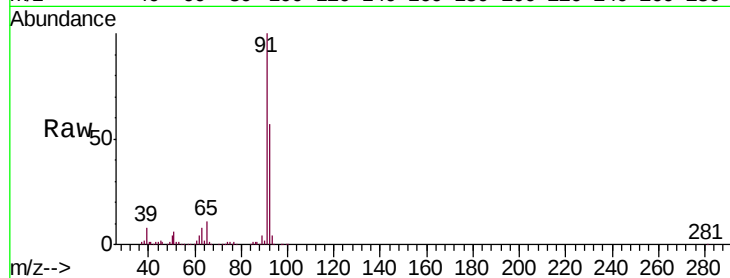
VSTD00522

Tgt Ion: 91 Resp: 558714

Ion Ratio Lower Upper

91 100

92 57.4 39.8 74.0



#44

trans-1,3-Dichloropropene

Concen: 4.803 ug/L

RT: 8.24 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VU035987.D

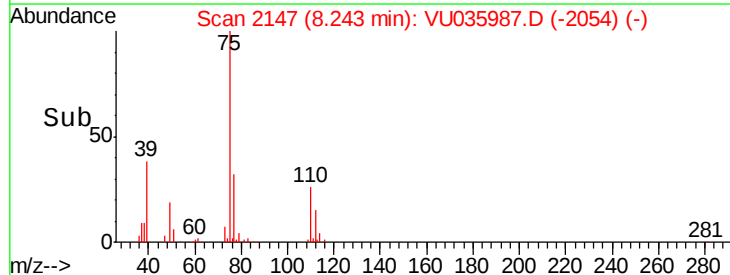
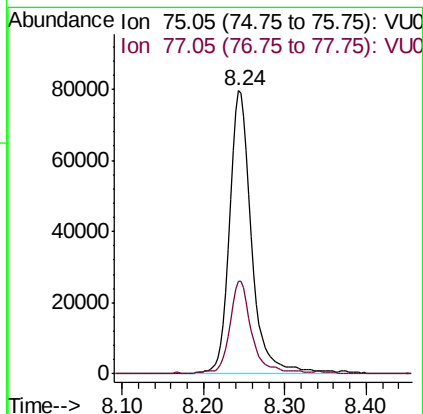
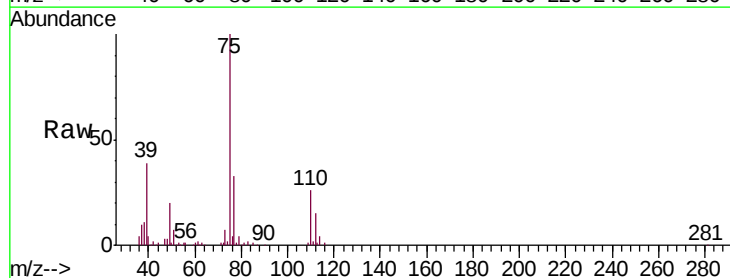
Acq: 05 Dec 2019 11:47

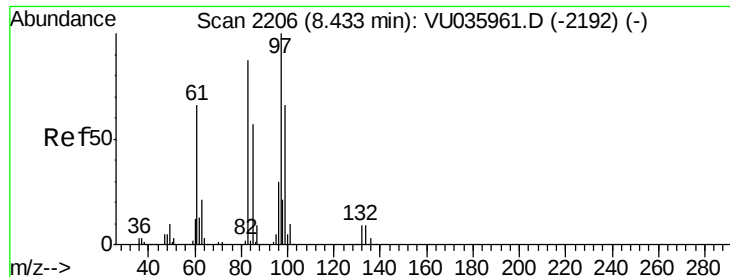
Tgt Ion: 75 Resp: 152716

Ion Ratio Lower Upper

75 100

77 32.8 22.4 41.6

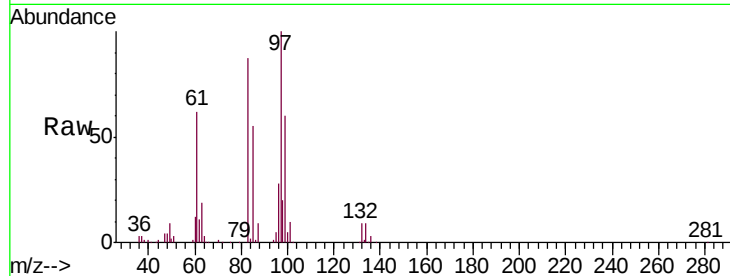




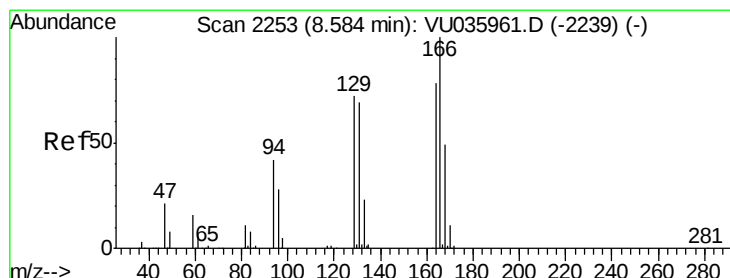
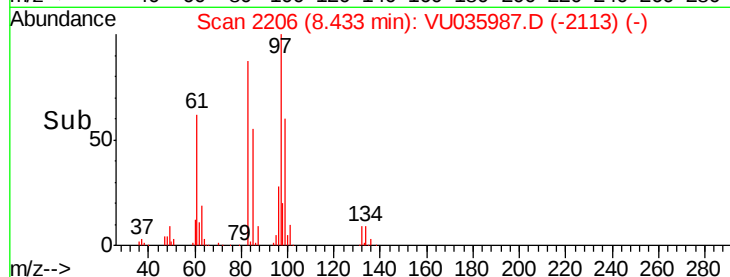
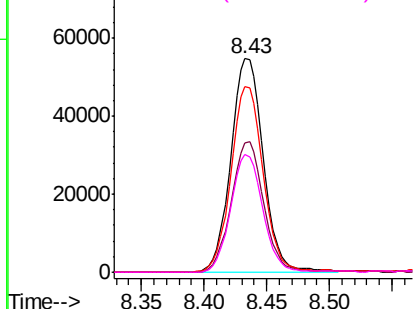
#45
 1,1,2-Trichloroethane
 Concen: 5.173 ug/L
 RT: 8.43 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00522

Tgt Ion:	97	Resp:	98706
Ion	Ratio	Lower	Upper
97	100		
99	60.4	45.0	83.6
83	87.2	62.1	115.3
85	54.9	41.4	77.0

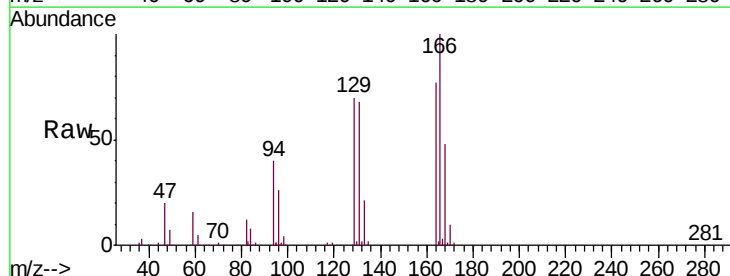


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0



#47
 Tetrachloroethene
 Concen: 5.267 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU035987.D
 Acq: 05 Dec 2019 11:47

Tgt Ion:	164	Resp:	112046
Ion	Ratio	Lower	Upper
164	100		
129	90.4	67.9	126.1
131	88.1	64.1	119.1
166	129.6	92.6	172.0



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

