

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060819\
 Data File : VU032546.D
 Acq On : 08 Jun 2019 16:39
 Operator : JC/SP
 Sample : K3276-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D9

Quant Time: Jun 08 23:15:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 23:12:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	211036	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	199292	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107599	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52129	38.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.14%
7) Chloroethane-d5	1.66	69	45922	41.74	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.48%
11) 1,1-Dichloroethene-d2	2.26	63	127598	47.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.20%
21) 2-Butanone-d5	4.17	46	107392	93.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.73%
24) Chloroform-d	4.64	84	119780	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
26) 1,2-Dichloroethane-d4	5.30	65	76109	47.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.62%
32) Benzene-d6	5.33	84	229676	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
36) 1,2-Dichloropropane-d6	6.32	67	75373	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.92%
41) Toluene-d8	7.56	98	215270	43.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.76%
43) trans-1,3-Dichloropropene-	7.85	79	37290	48.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.06%
47) 2-Hexanone-d5	8.31	63	75985	96.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112000	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	96846	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	46459	24.419	ug/L 100
3) Chloromethane	1.32	50	43160	23.477	ug/L 100
5) Vinyl chloride	1.40	62	93277	50.793	ug/L 98
6) Bromomethane	1.60	94	16657	15.221	ug/L 98
8) Chloroethane	1.68	64	27501	25.194	ug/L 99
9) Trichlorofluoromethane	1.87	101	109842	44.295	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	30612	23.736	ug/L 99
12) 1,1-Dichloroethene	2.27	96	86308	68.923	ug/L # 74
13) Acetone	2.32	43	1502	1.270	ug/L 74
16) Methylene chloride	2.69	84	62281	43.588	ug/L 97
17) trans-1,2-Dichloroethene	2.97	96	29542	21.771	ug/L 98
19) 1,1-Dichloroethane	3.43	63	165469	66.890	ug/L 99
20) cis-1,2-Dichloroethene	4.21	96	64475	41.984	ug/L 95
23) Bromochloromethane	4.54	128	33476	41.923	ug/L 98
25) Chloroform	4.66	83	151967	59.530	ug/L 97
27) 1,2-Dichloroethane	5.40	62	145274	71.987	ug/L 98
30) 1,1,1-Trichloroethane	4.90	97	48747	21.607	ug/L 99

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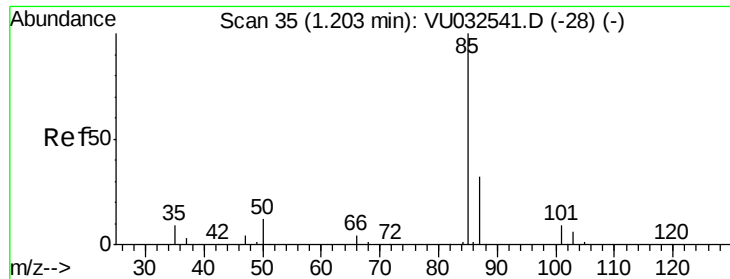
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

31) Carbon tetrachloride	5.13	117	130077	62.907	ug/L	100
33) Benzene	5.38	78	265622	47.437	ug/L	100
34) Trichloroethene	6.18	95	125893	82.639	ug/L	98
37) 1,2-Dichloropropane	6.42	63	61445	41.395	ug/L	100
38) Bromodichloromethane	6.75	83	39327	20.576	ug/L	97
39) cis-1,3-Dichloropropene	7.26	75	58787	25.102	ug/L	96
44) trans-1,3-Dichloropropene	7.87	75	107713	51.817	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	37415	26.655	ug/L	99
46) Tetrachloroethene	8.22	164	93831	74.575	ug/L	98
48) 2-Hexanone	8.36	43	3768	1.921	ug/L #	96
49) Dibromochloromethane	8.47	129	67027	41.083	ug/L	100
50) 1,2-Dibromoethane	8.58	107	47826	30.271	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	93791	39.095	ug/L	99
59) 1,2,3-Trichloropropane	11.14	75	2768	1.434	ug/L #	1
61) Bromoform	9.95	173	66969	52.203	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	23038	41.605	ug/L	94

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



#2

Dichlorodifluoromethane

Concen: 24.419 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampled :

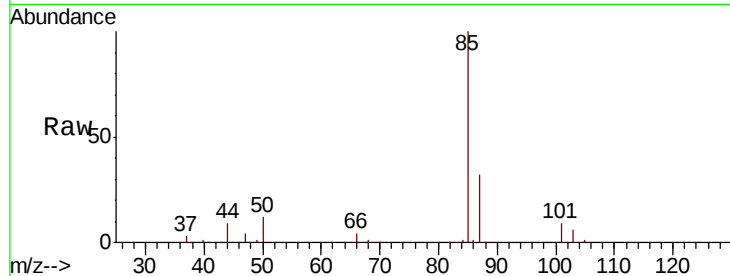
DB8D9

Tgt Ion: 85 Resp: 46459

Ion Ratio Lower Upper

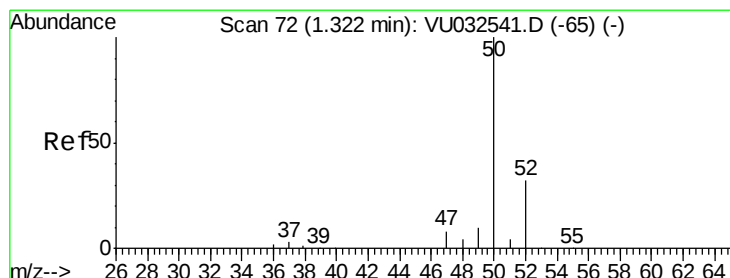
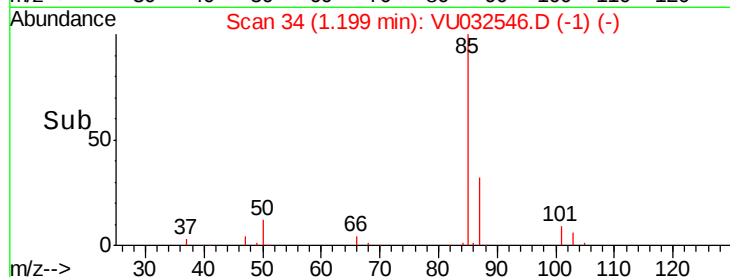
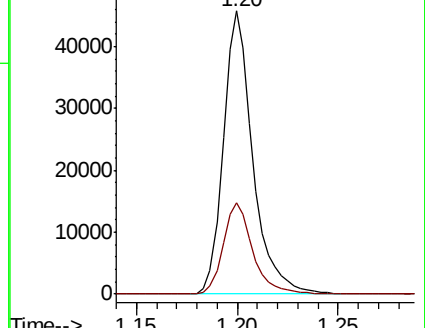
85 100

87 32.4 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VU032541.D (-28) (-)

Ion 87.00 (86.70 to 87.70): VU032541.D (-28) (-)



#3

Chloromethane

Concen: 23.477 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU032546.D

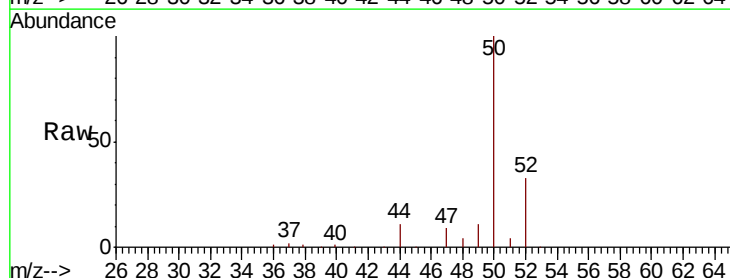
Acq: 08 Jun 2019 16:39

Tgt Ion: 50 Resp: 43160

Ion Ratio Lower Upper

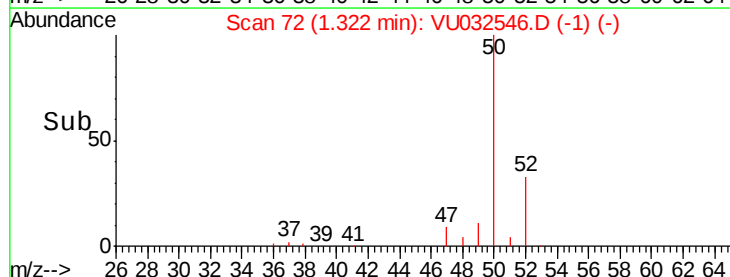
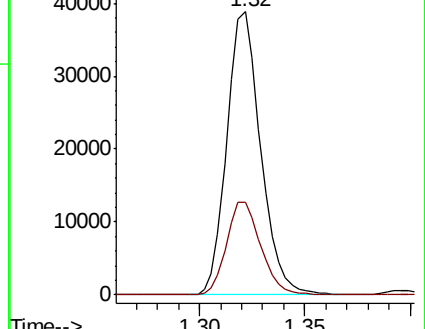
50 100

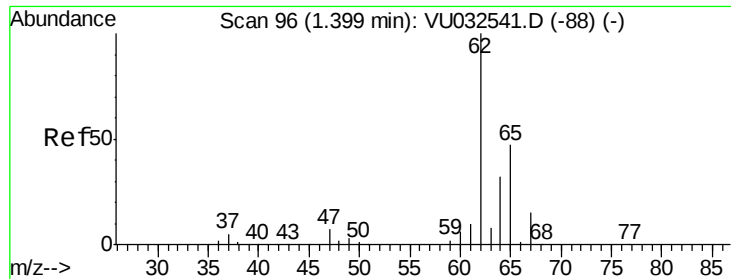
52 33.0 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU032541.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU032541.D (-65) (-)





#5

Vinyl chloride

Concen: 50.793 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

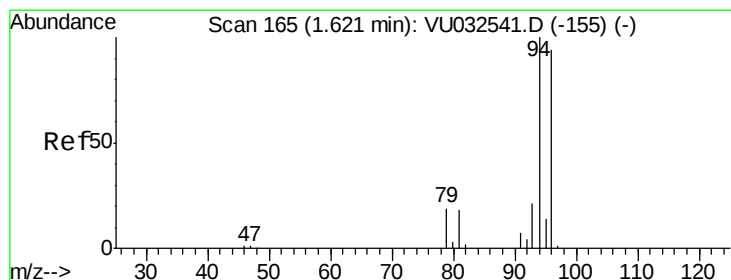
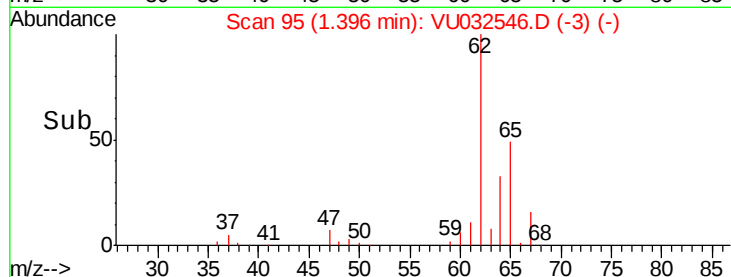
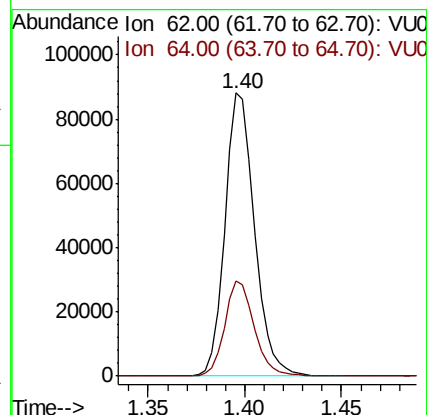
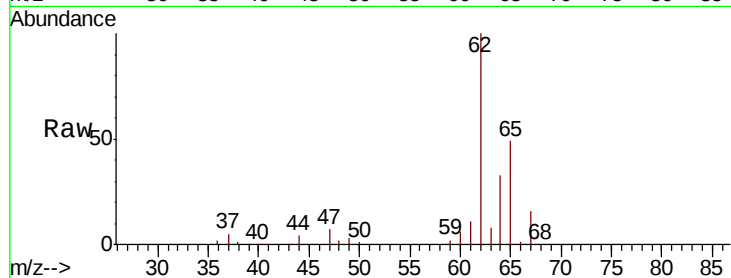
DB8D9

Tgt Ion: 62 Resp: 93277

Ion Ratio Lower Upper

62 100

64 33.5 22.6 42.0



#6

Bromomethane

Concen: 15.221 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.02 min

Lab File: VU032546.D

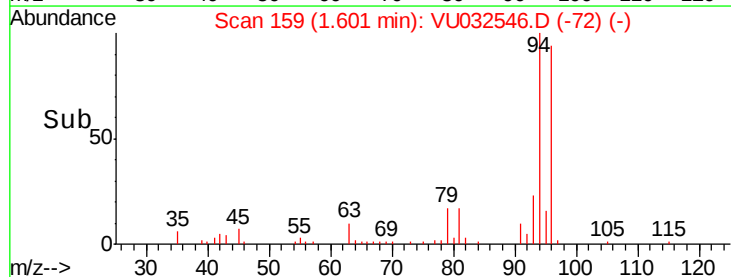
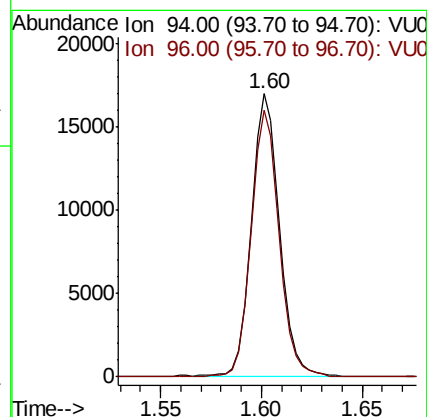
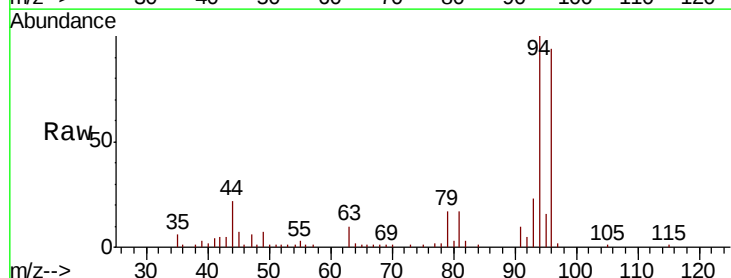
Acq: 08 Jun 2019 16:39

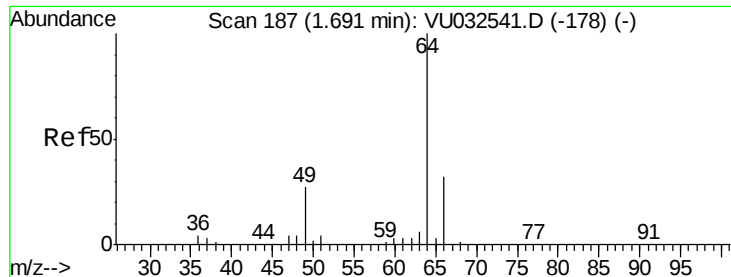
Tgt Ion: 94 Resp: 16657

Ion Ratio Lower Upper

94 100

96 94.1 64.7 120.1

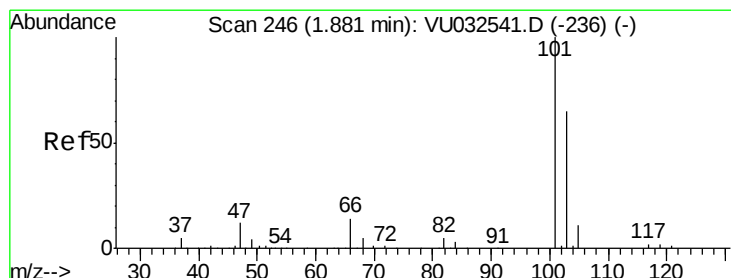
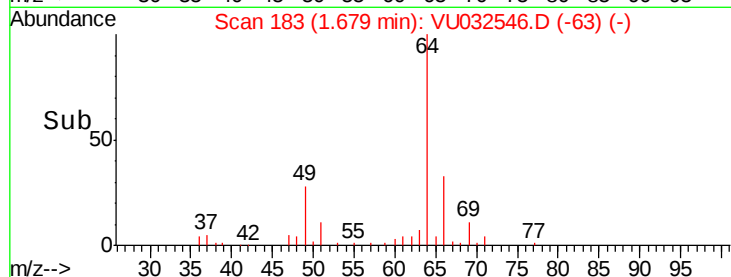
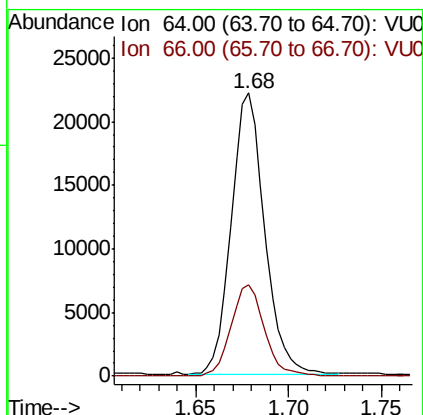
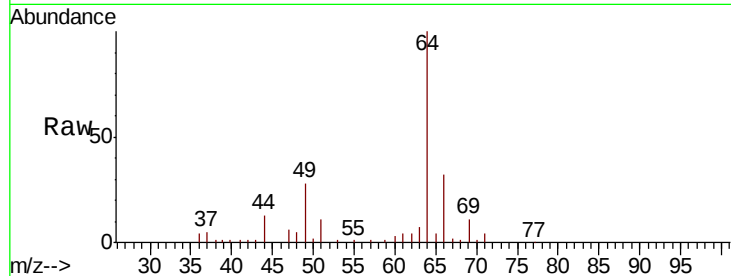




#8
Chloroethane
Concen: 25.194 ug/L
RT: 1.68 min Scan# 183
Delta R.T. -0.01 min
Lab File: VU032546.D
Acq: 08 Jun 2019 16:39

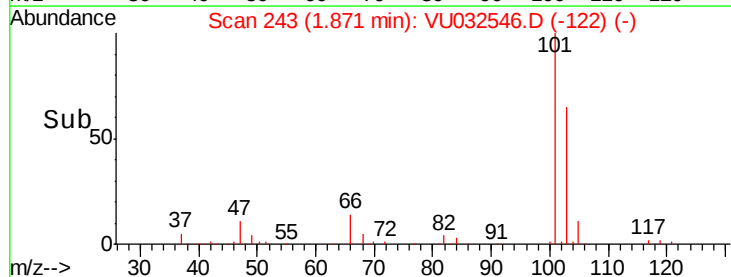
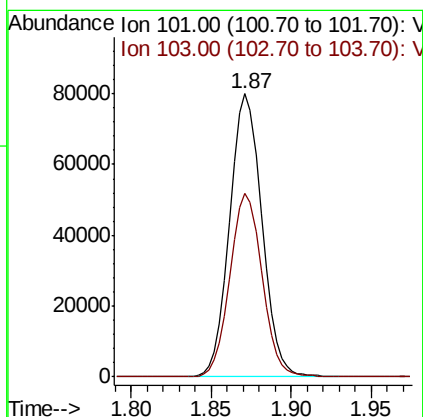
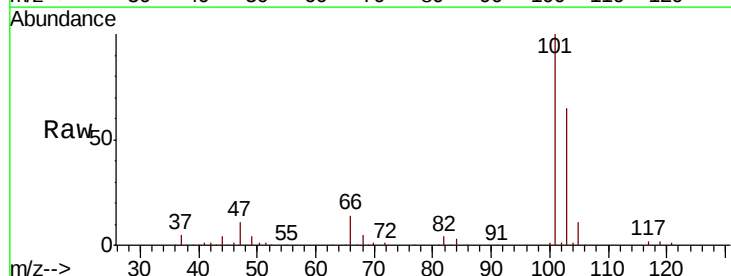
Instrument :
MSVOA_U
ClientSampleId :
DB8D9

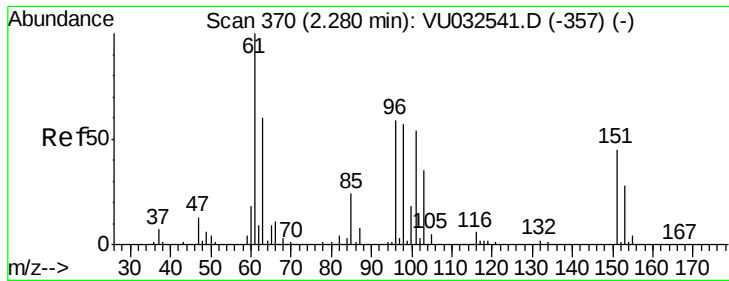
Tgt Ion: 64 Resp: 27501
Ion Ratio Lower Upper
64 100
66 32.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 44.295 ug/L
RT: 1.87 min Scan# 243
Delta R.T. -0.01 min
Lab File: VU032546.D
Acq: 08 Jun 2019 16:39

Tgt Ion: 101 Resp: 109842
Ion Ratio Lower Upper
101 100
103 64.6 52.5 78.7





#10

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

Concen: 23.736 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

DB8D9

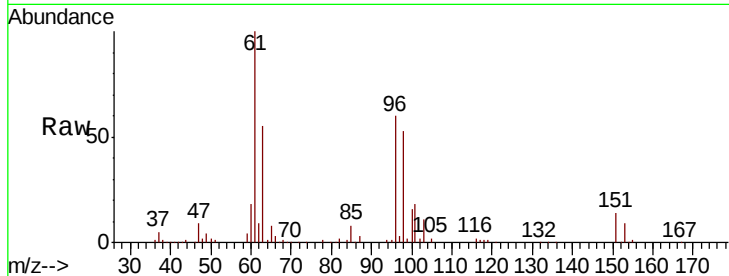
Tgt Ion:101 Resp: 30612

Ion Ratio Lower Upper

101 100

85 43.0 36.1 54.1

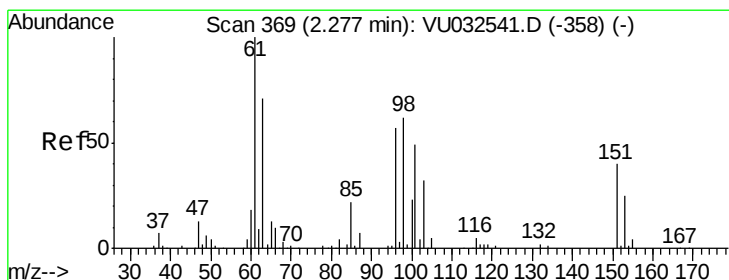
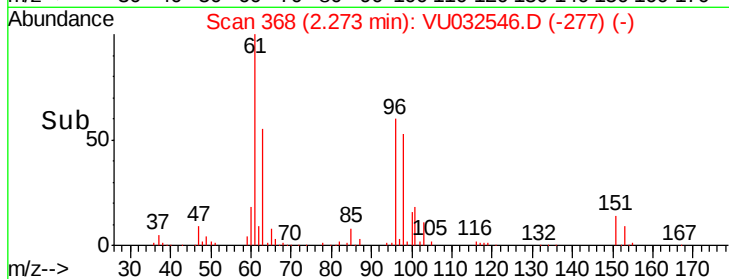
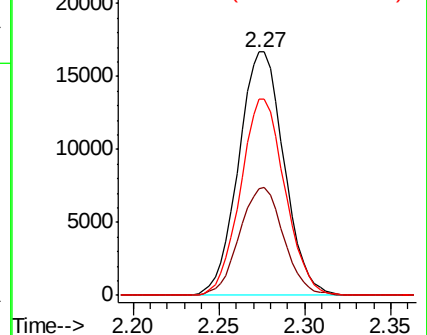
151 78.8 63.0 94.4



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: 68.923 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

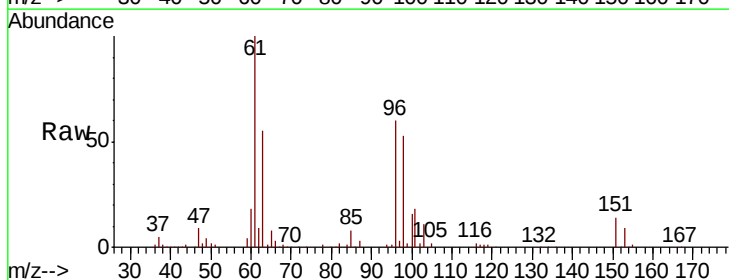
Tgt Ion: 96 Resp: 86308

Ion Ratio Lower Upper

96 100

61 167.2 129.5 240.5

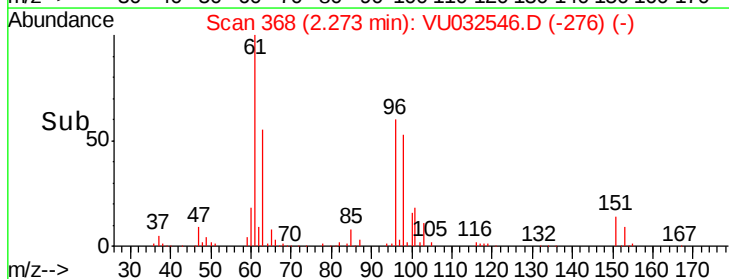
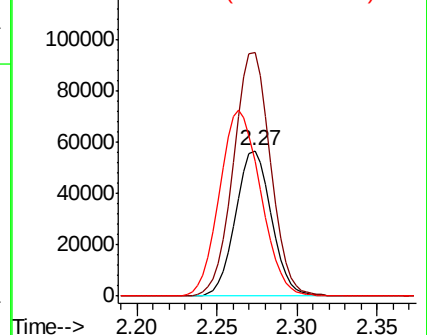
63 92.4 103.4 192.0#

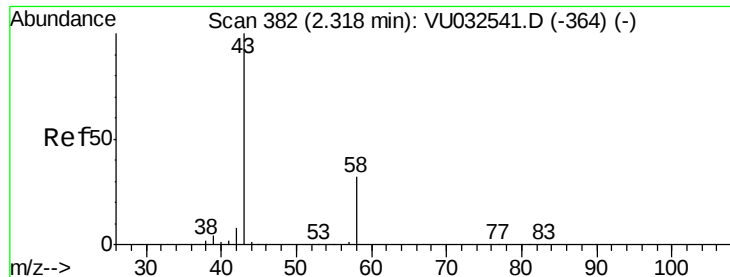


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.270 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampled :

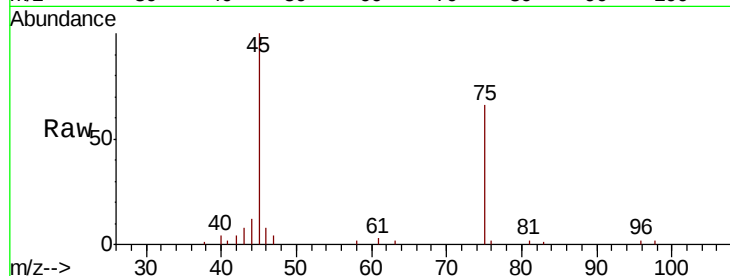
DB8D9

Tgt Ion: 43 Resp: 1502

Ion Ratio Lower Upper

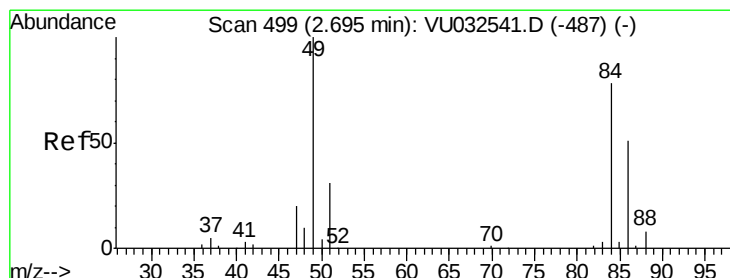
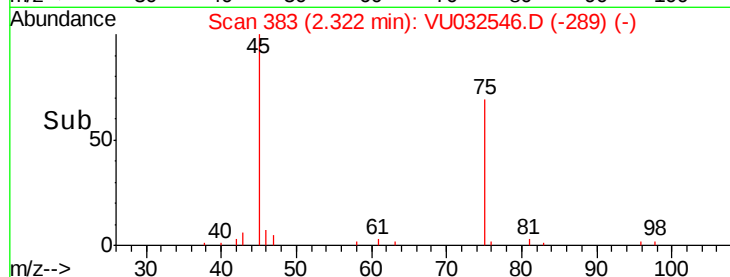
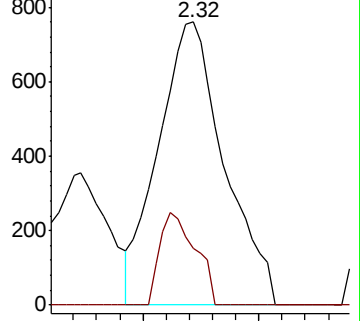
43 100

58 17.8 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#16

Methylene chloride

Concen: 43.588 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

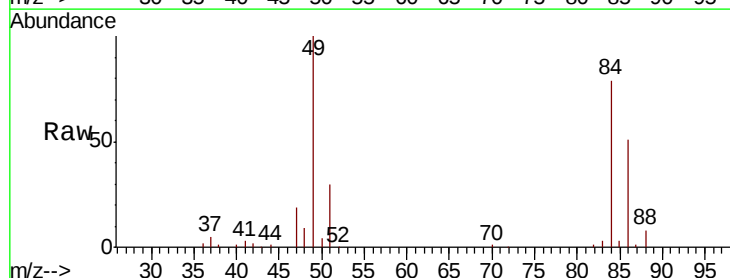
Tgt Ion: 84 Resp: 62281

Ion Ratio Lower Upper

84 100

86 65.0 44.7 82.9

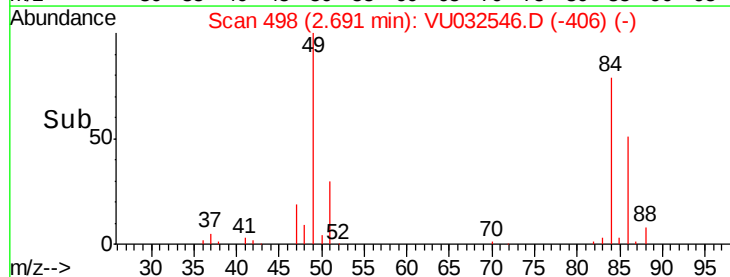
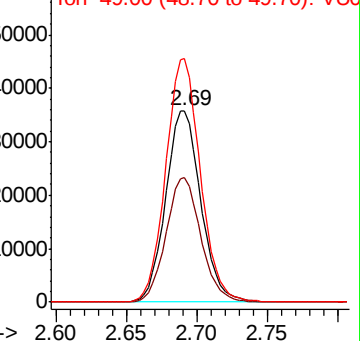
49 127.0 86.1 159.9

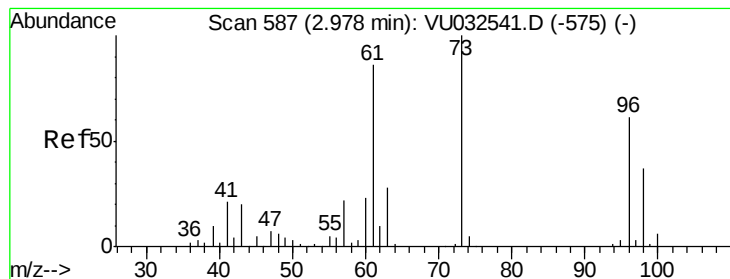


Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 21.771 ug/L

RT: 2.97 min Scan# 585

Delta R.T. -0.01 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

DB8D9

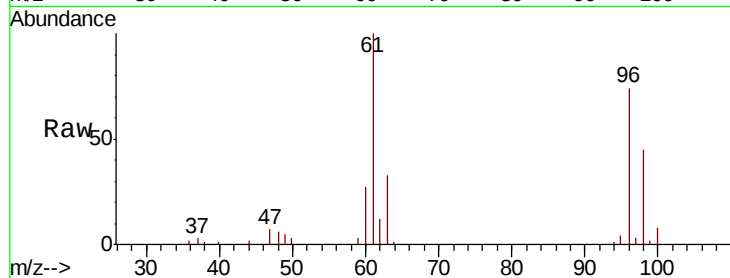
Tgt Ion: 96 Resp: 29542

Ion Ratio Lower Upper

96 100

61 134.5 95.7 177.7

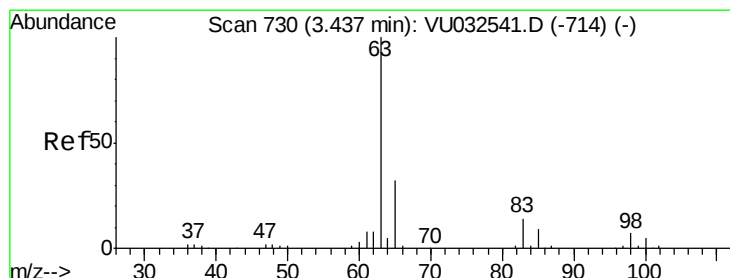
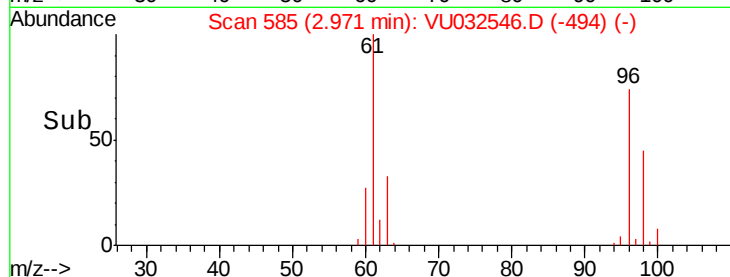
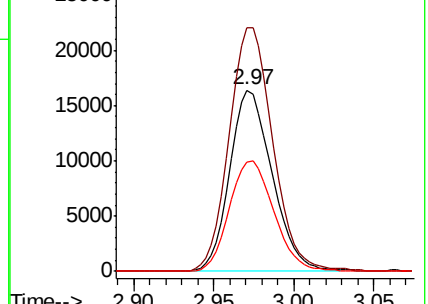
98 60.5 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VU032541.D (-575) (-)

Ion 61.00 (60.70 to 61.70): VU032541.D (-575) (-)

Ion 98.00 (97.70 to 98.70): VU032541.D (-575) (-)



#19

1,1-Dichloroethane

Concen: 66.890 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

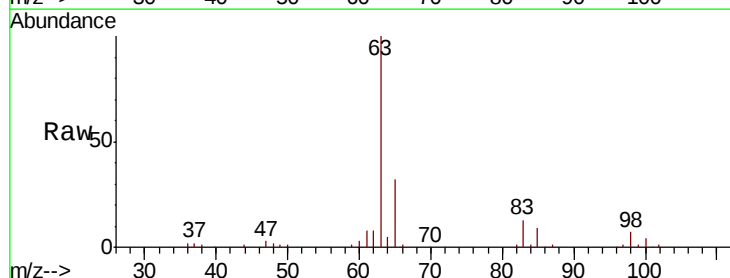
Tgt Ion: 63 Resp: 165469

Ion Ratio Lower Upper

63 100

65 31.8 21.8 40.6

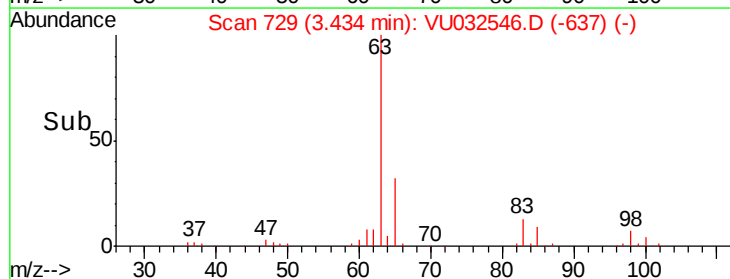
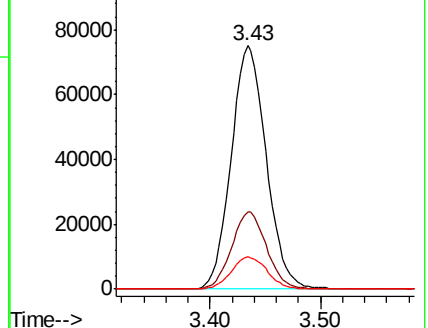
83 13.2 9.8 18.2

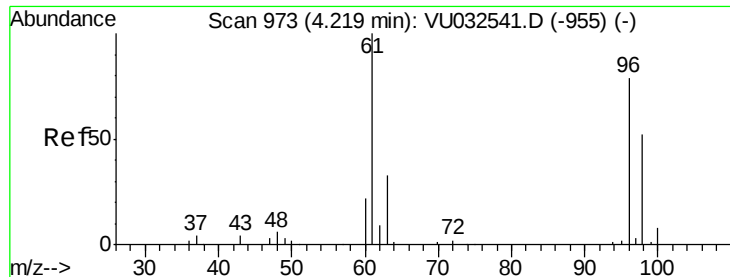


Abundance Ion 63.00 (62.70 to 63.70): VU032541.D (-714) (-)

Ion 65.00 (64.70 to 65.70): VU032541.D (-714) (-)

Ion 83.00 (82.70 to 83.70): VU032541.D (-714) (-)

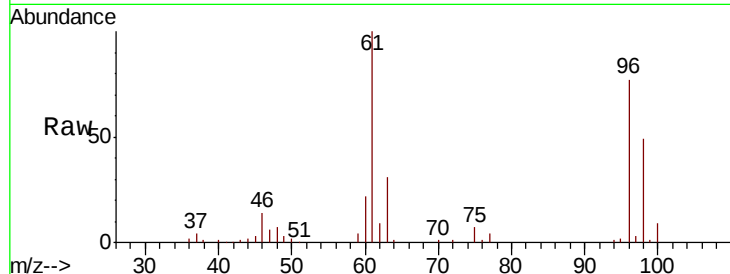




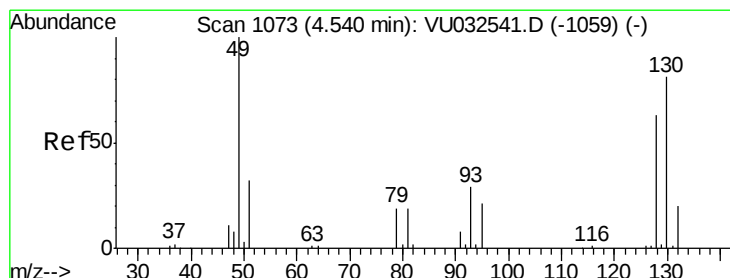
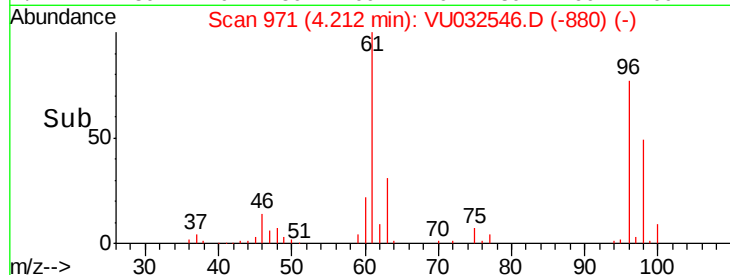
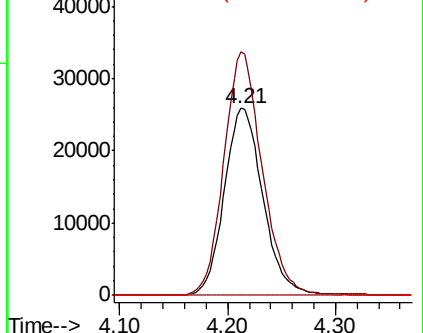
#20
 cis-1,2-Dichloroethene
 Concen: 41.984 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D9

Tgt Ion: 96 Resp: 64475
 Ion Ratio Lower Upper
 96 100
 61 130.3 87.2 162.0
 68 0.0 0.0 0.0

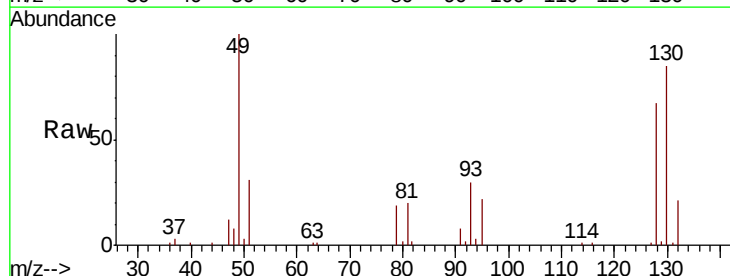


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

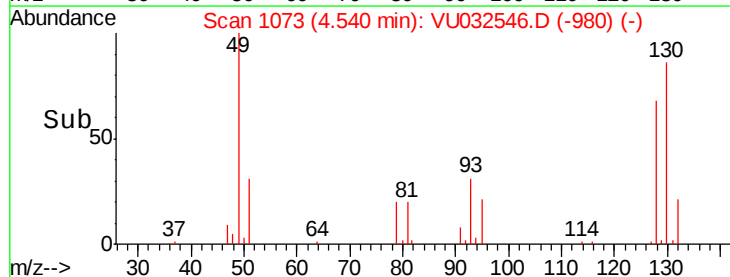
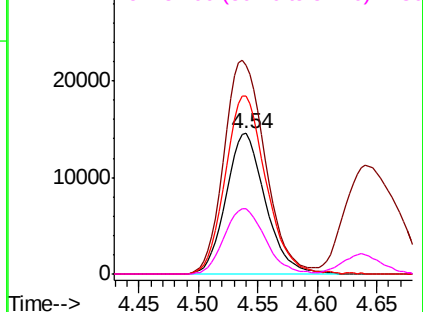


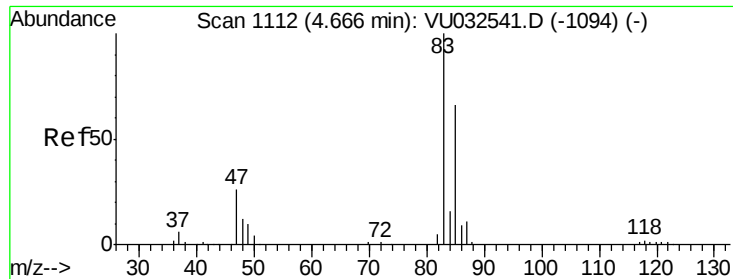
#23
 Bromochloromethane
 Concen: 41.923 ug/L
 RT: 4.54 min Scan# 1073
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

Tgt Ion: 128 Resp: 33476
 Ion Ratio Lower Upper
 128 100
 49 148.9 103.7 192.5
 130 126.7 92.2 171.2
 51 46.1 37.7 56.5



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VU0
 Ion 130.00 (129.70 to 130.70): V
 Ion 51.00 (50.70 to 51.70): VU0

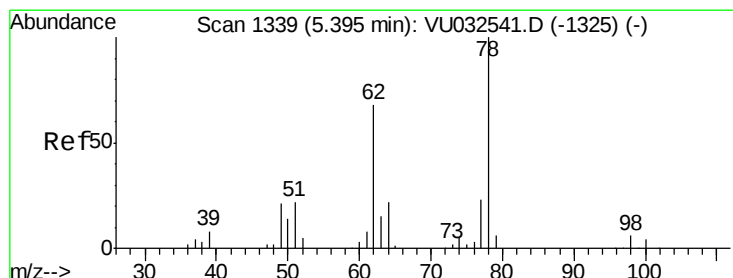
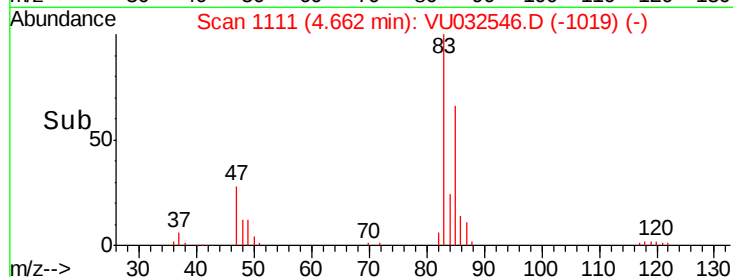
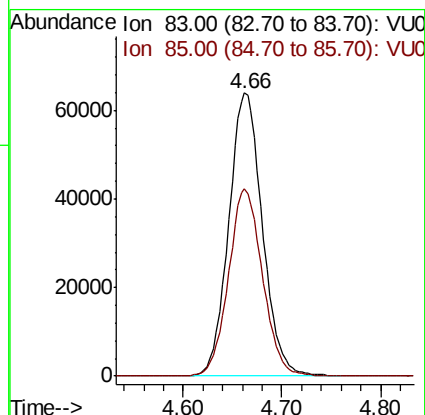
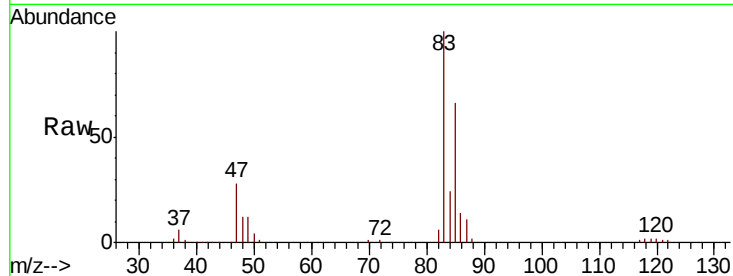




#25
Chloroform
Concen: 59.530 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VU032546.D
Acq: 08 Jun 2019 16:39

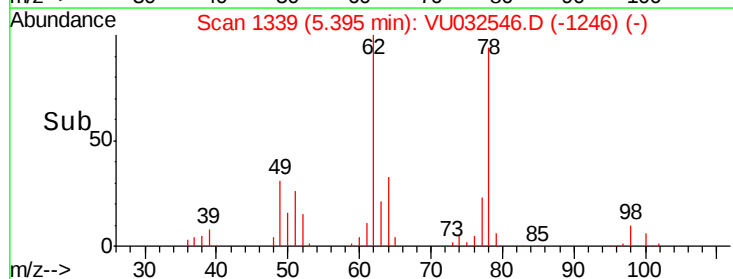
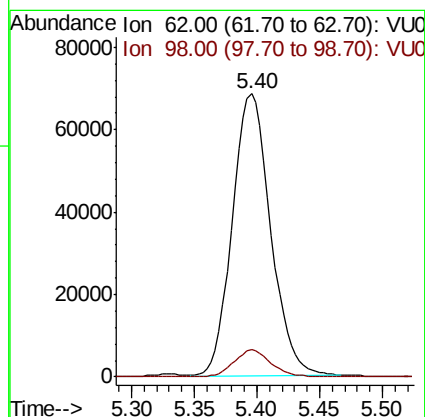
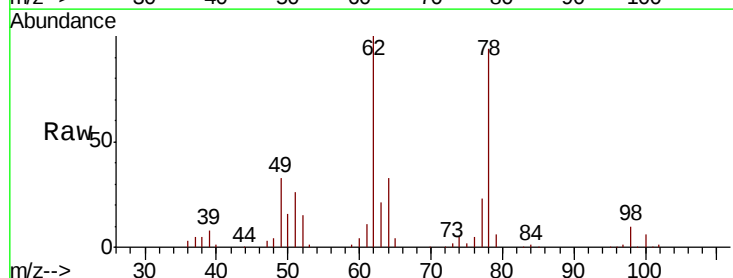
Instrument :
MSVOA_U
ClientSampleId :
DB8D9

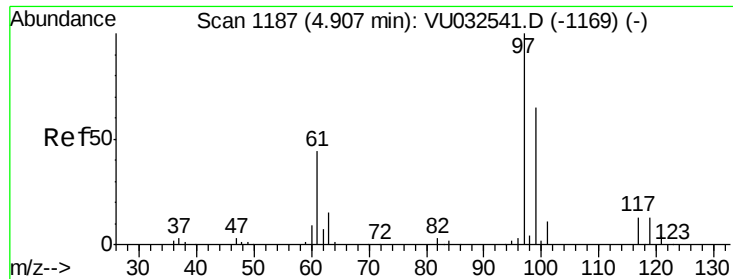
Tgt Ion: 83 Resp: 151967
Ion Ratio Lower Upper
83 100
85 66.0 44.7 82.9



#27
1,2-Dichloroethane
Concen: 71.987 ug/L
RT: 5.40 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VU032546.D
Acq: 08 Jun 2019 16:39

Tgt Ion: 62 Resp: 145274
Ion Ratio Lower Upper
62 100
98 9.6 7.2 10.8





#30

1,1,1-Trichloroethane

Concen: 21.607 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampled :

DB8D9

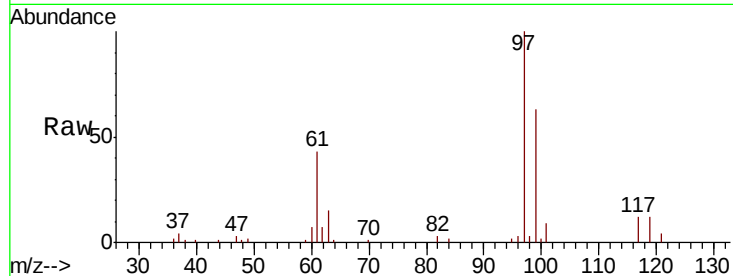
Tgt Ion: 97 Resp: 48747

Ion Ratio Lower Upper

97 100

99 63.5 50.5 75.7

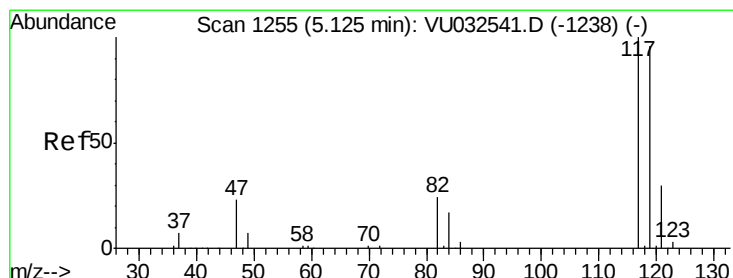
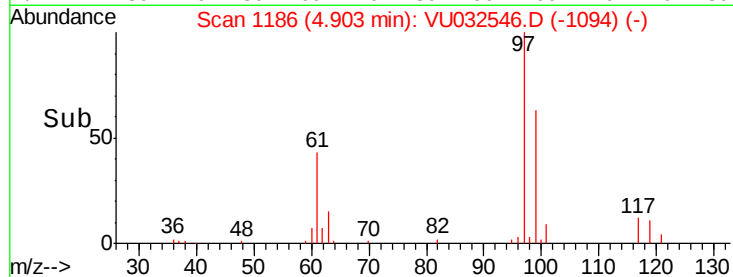
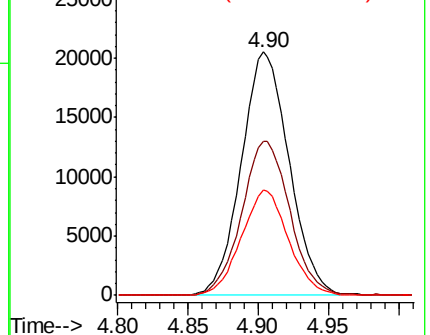
61 42.7 33.8 50.6



Abundance Ion 97.00 (96.70 to 97.70): VU032546.D (-1169) (-)

Ion 99.00 (98.70 to 99.70): VU032546.D (-1169) (-)

Ion 61.05 (60.75 to 61.75): VU032546.D (-1169) (-)



#31

Carbon tetrachloride

Concen: 62.907 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VU032546.D

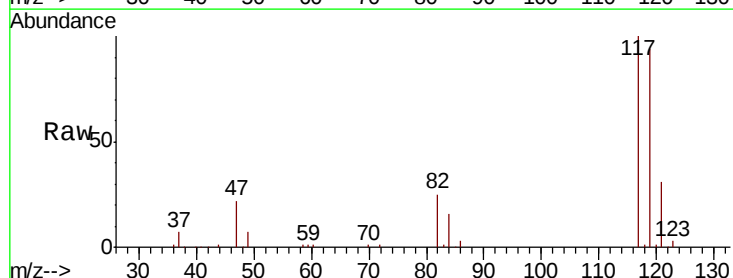
Acq: 08 Jun 2019 16:39

Tgt Ion: 117 Resp: 130077

Ion Ratio Lower Upper

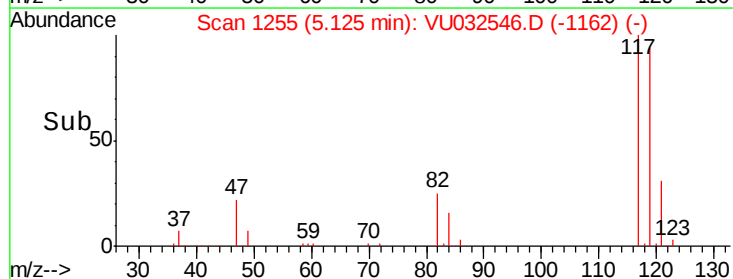
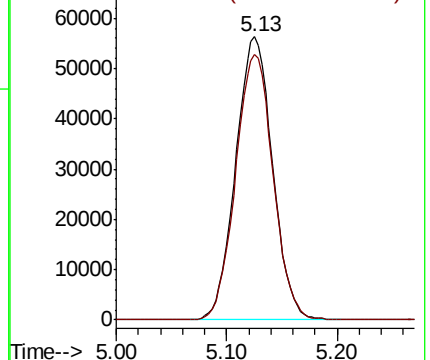
117 100

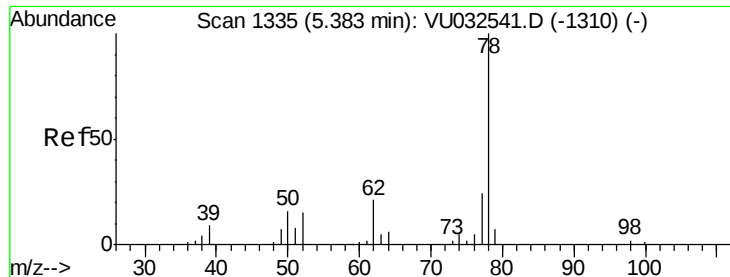
119 95.4 76.6 114.8



Abundance Ion 117.00 (116.70 to 117.70): VU032546.D (-1162) (-)

Ion 119.00 (118.70 to 119.70): VU032546.D (-1162) (-)





#33

Benzene

Concen: 47.437 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

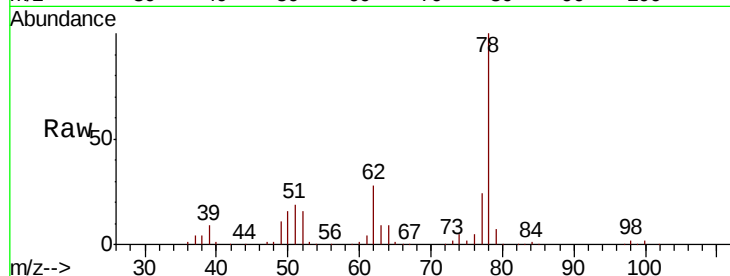
Instrument :

MSVOA_U

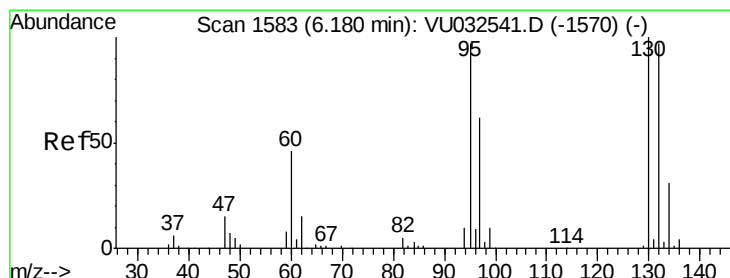
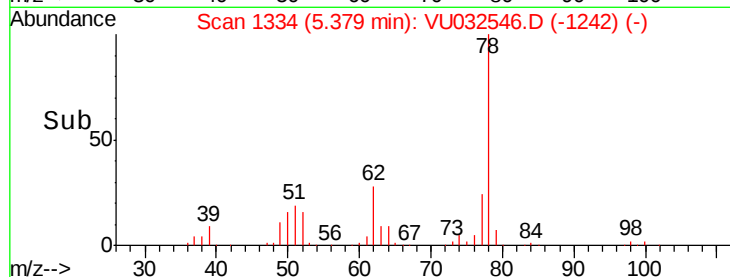
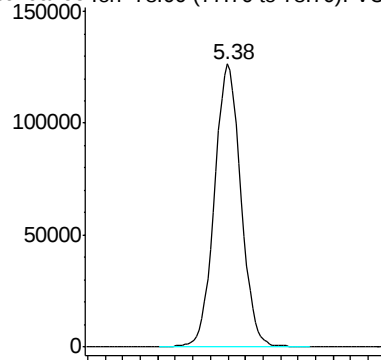
ClientSampleId :

DB8D9

Tgt Ion: 78 Resp: 265622



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 82.639 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Tgt Ion: 95 Resp: 125893

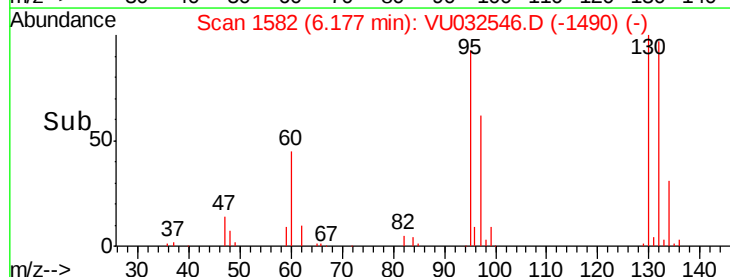
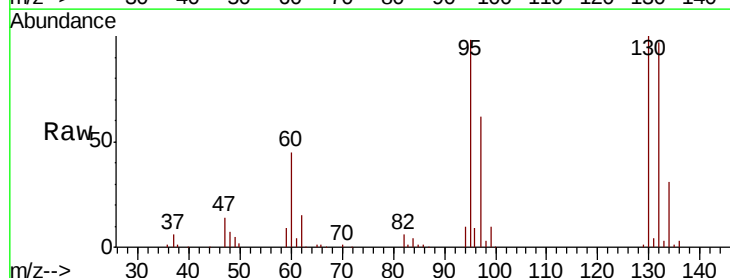
Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.8	85.2
132	99.5	71.0	131.8
130	102.4	73.4	136.2

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

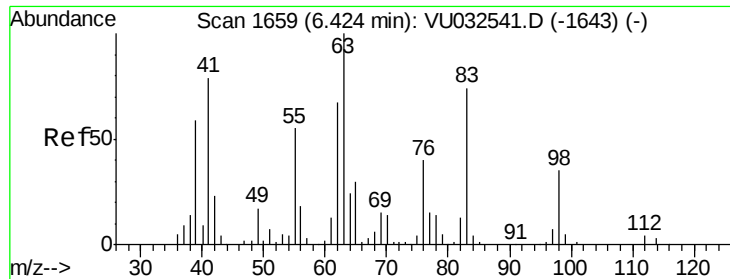


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

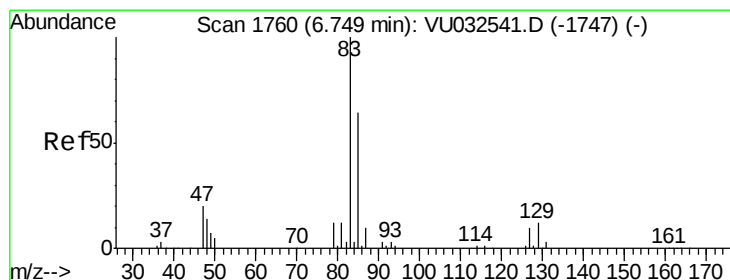
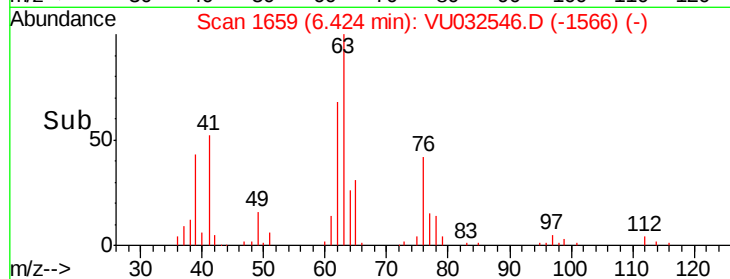
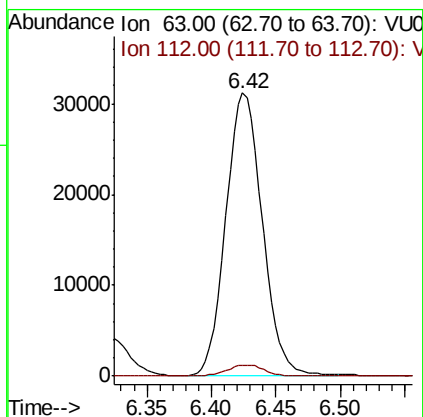
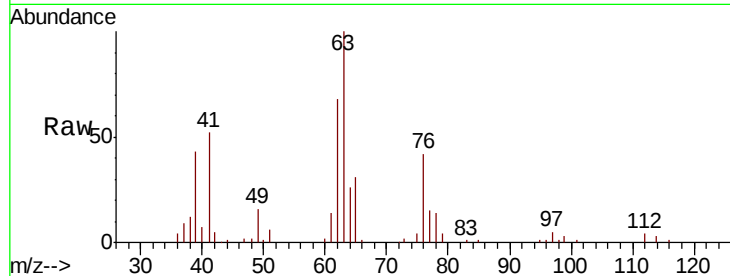
Ion 130.00 (129.70 to 130.70): V



#37
 1,2-Dichloropropane
 Concen: 41.395 ug/L
 RT: 6.42 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

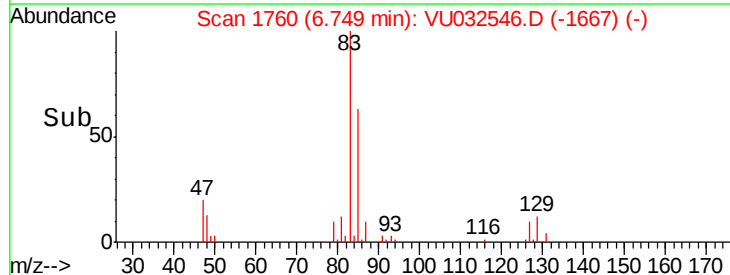
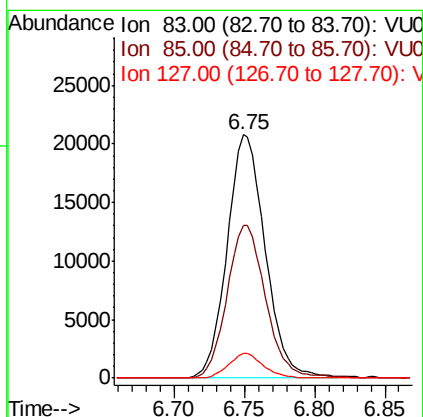
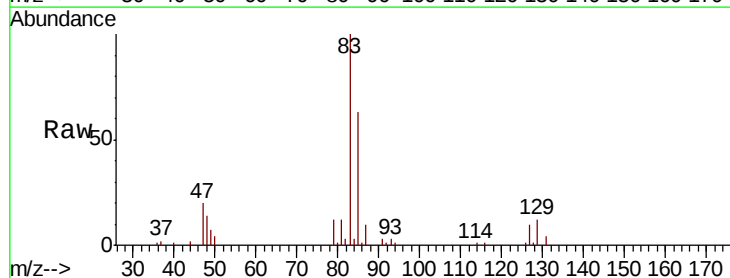
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8D9

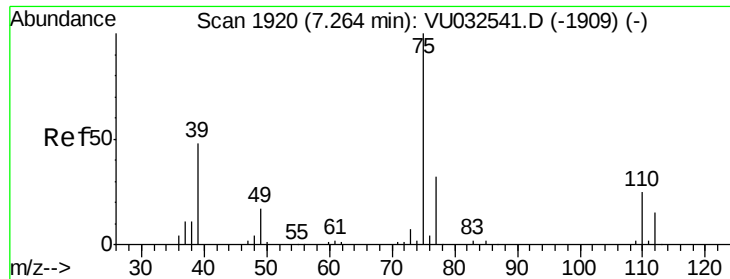
Tgt Ion: 63 Resp: 61445
 Ion Ratio Lower Upper
 63 100
 112 3.9 3.1 4.7



#38
 Bromodichloromethane
 Concen: 20.576 ug/L
 RT: 6.75 min Scan# 1760
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

Tgt Ion: 83 Resp: 39327
 Ion Ratio Lower Upper
 83 100
 85 62.7 45.4 84.4
 127 9.9 7.4 11.2

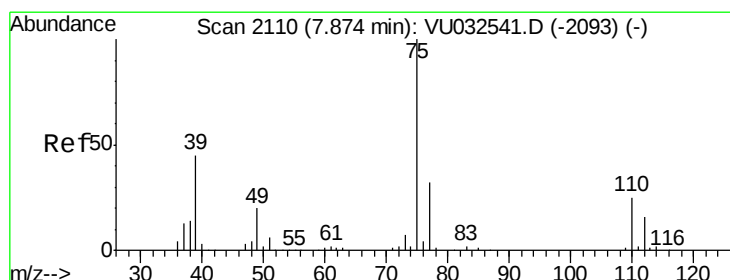
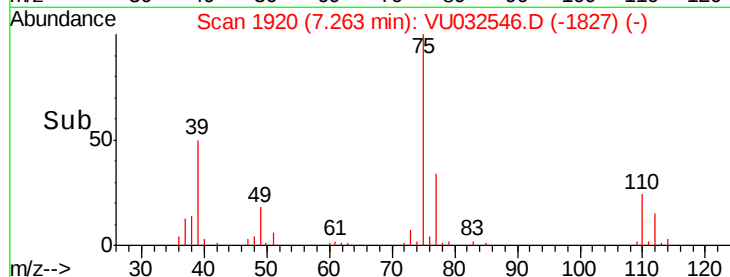
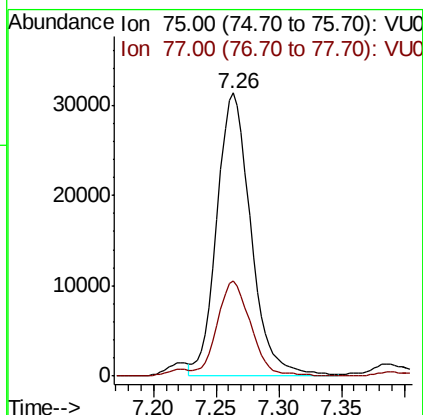
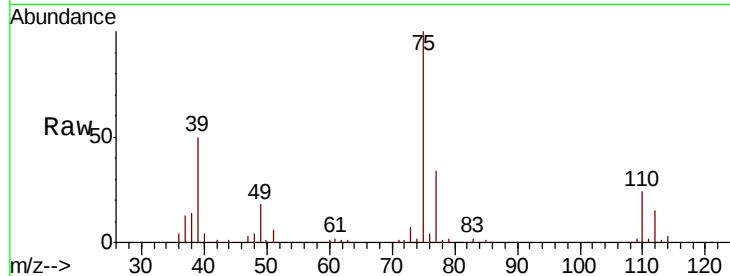




#39
 cis-1,3-Dichloropropene
 Concen: 25.102 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

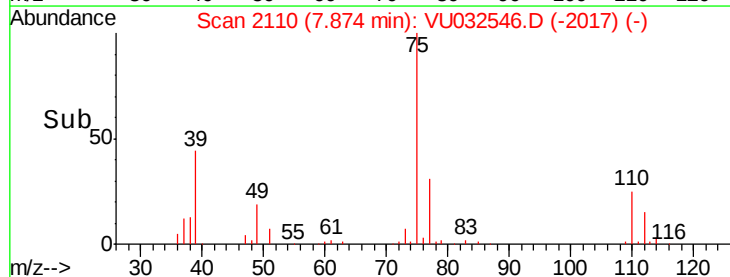
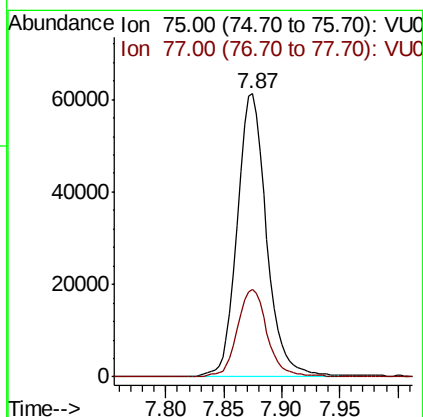
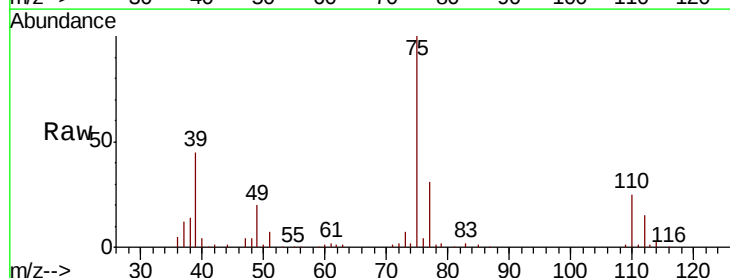
Instrument :
 MSVOA_U
 ClientSampleID :
 DB8D9

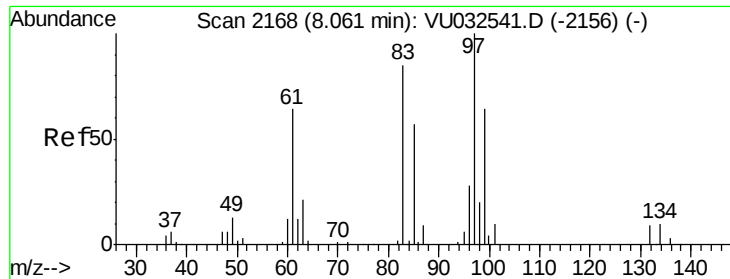
Tgt Ion: 75 Resp: 58787
 Ion Ratio Lower Upper
 75 100
 77 33.8 22.0 41.0



#44
 trans-1,3-Dichloropropene
 Concen: 51.817 ug/L
 RT: 7.87 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

Tgt Ion: 75 Resp: 107713
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.1 41.1

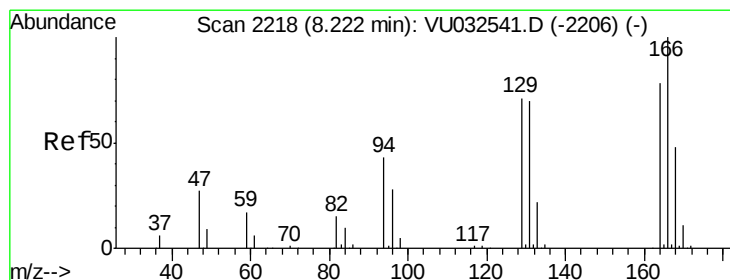
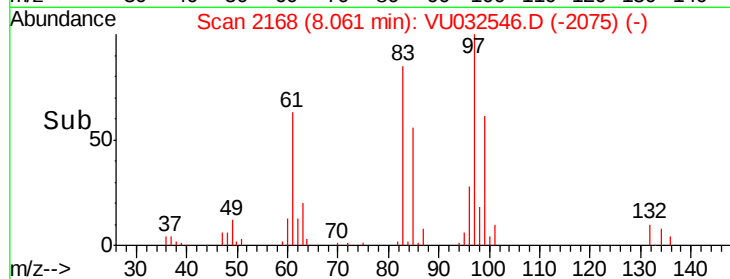
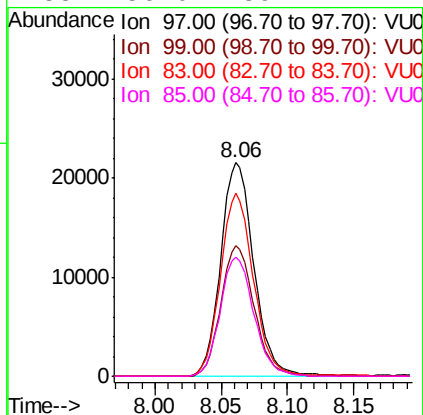
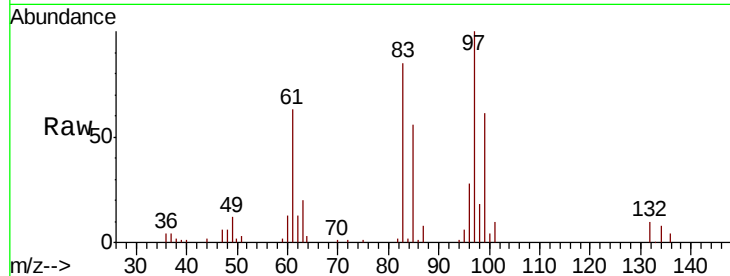




#45
 1,1,2-Trichloroethane
 Concen: 26.655 ug/L
 RT: 8.06 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

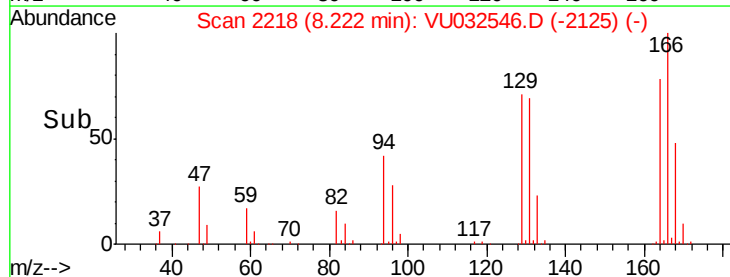
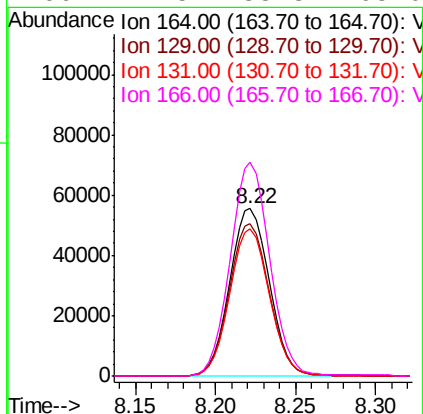
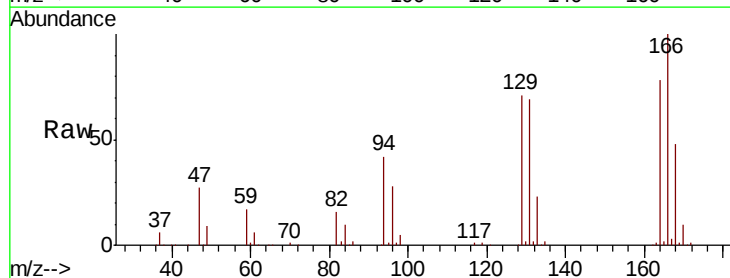
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D9

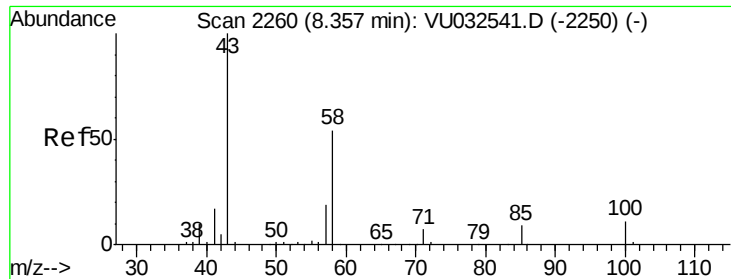
Tgt Ion:	97	Resp:	37415
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	85.5	59.4	110.2
85	56.0	39.1	72.7



#46
 Tetrachloroethene
 Concen: 74.575 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

Tgt Ion:	164	Resp:	93831
Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.3	121.3
131	87.7	64.0	119.0
166	127.5	88.8	165.0





#48

2-Hexanone

Concen: 1.921 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

DB8D9

Tgt Ion: 43 Resp: 3768

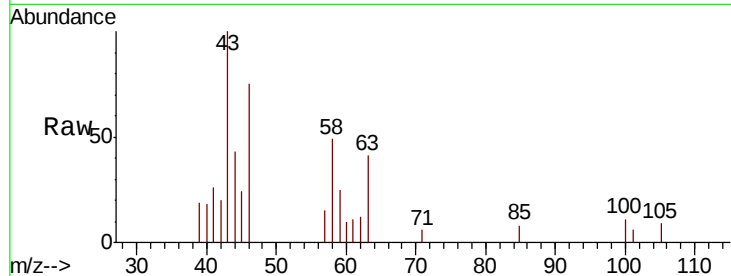
Ion Ratio Lower Upper

43 100

58 51.6 42.0 63.0

57 15.1 14.6 22.0

100 6.0 9.2 13.8#

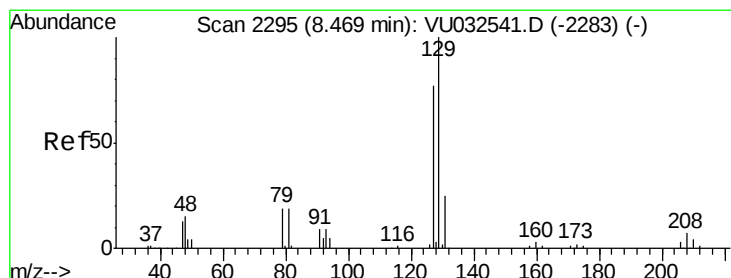
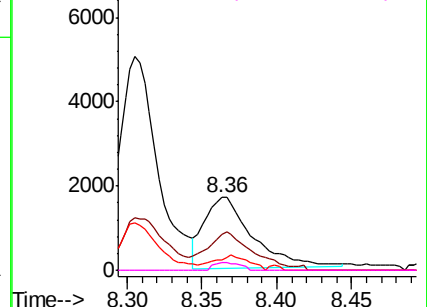
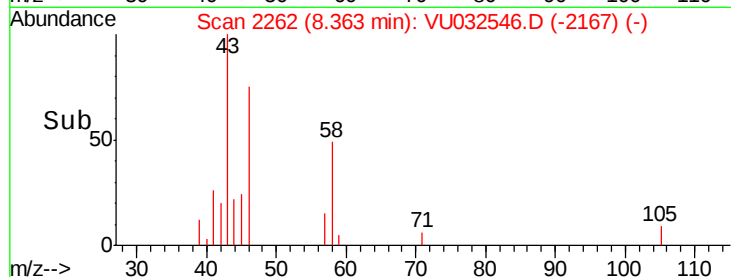


Abundance Ion 43.00 (42.70 to 43.70): VU032541.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU032541.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU032541.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU032541.D (-2250) (-)



#49

Dibromochloromethane

Concen: 41.083 ug/L

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU032546.D

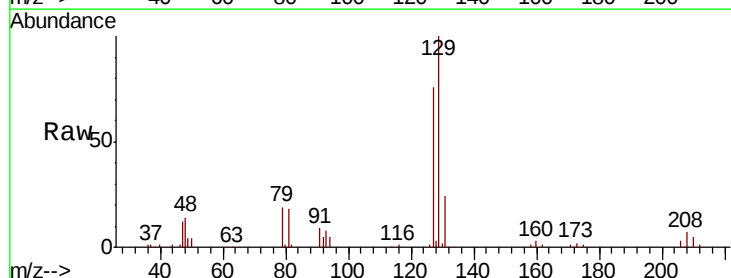
Acq: 08 Jun 2019 16:39

Tgt Ion: 129 Resp: 67027

Ion Ratio Lower Upper

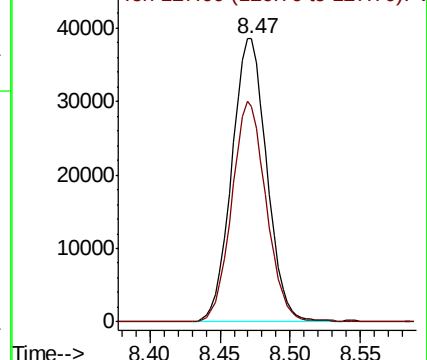
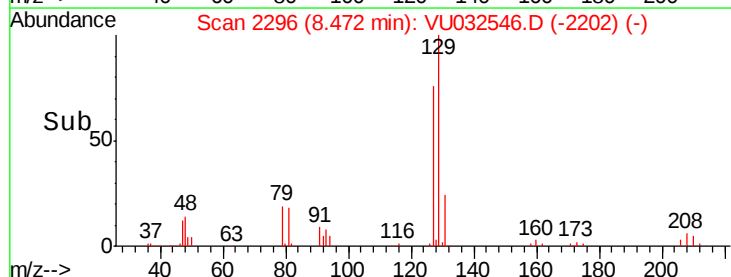
129 100

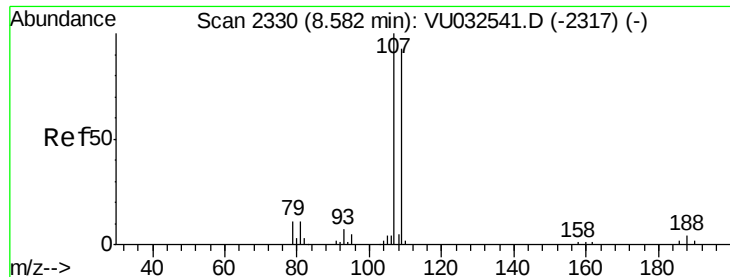
127 76.4 53.6 99.6



Abundance Ion 129.00 (128.70 to 129.70): VU032541.D (-2283) (-)

Ion 127.00 (126.70 to 127.70): VU032541.D (-2283) (-)

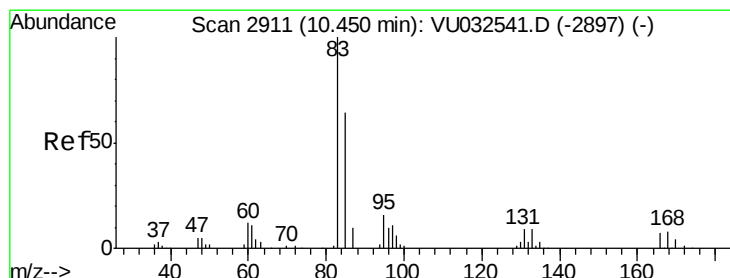
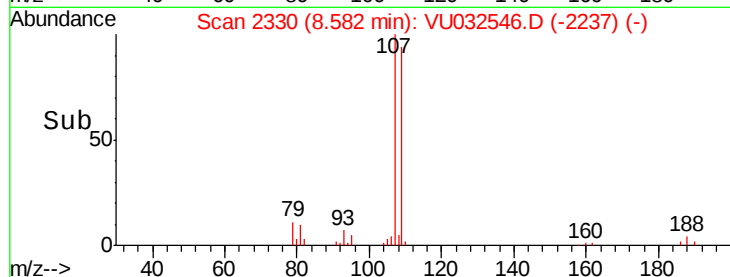
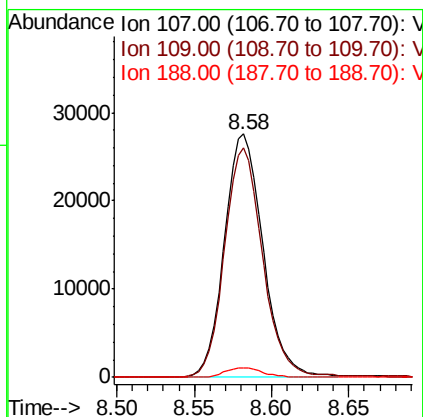
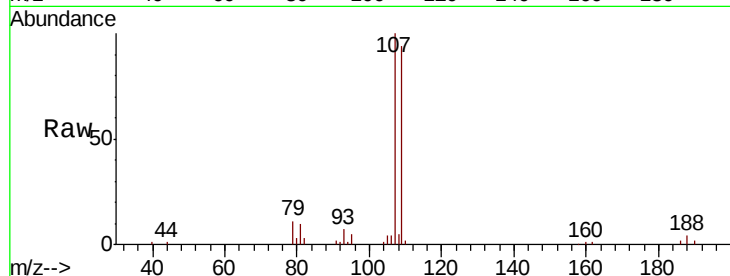




#50
 1,2-Dibromoethane
 Concen: 30.271 ug/L
 RT: 8.58 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

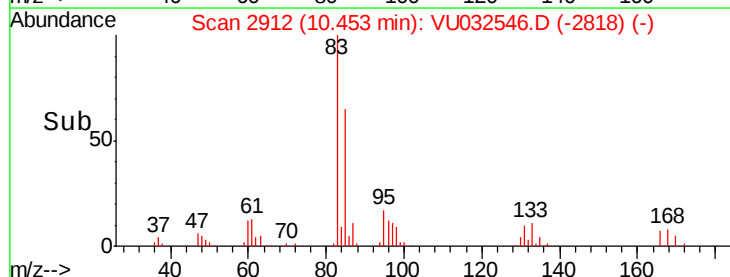
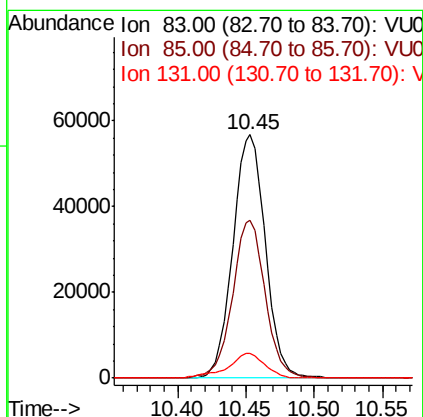
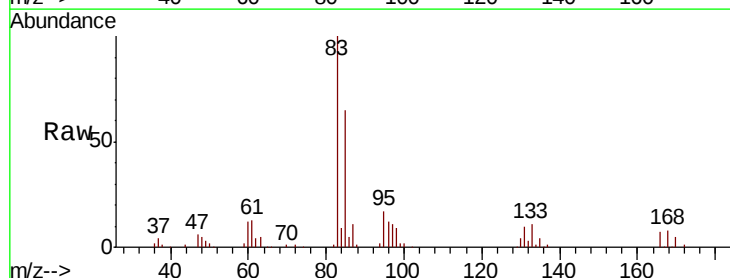
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D9

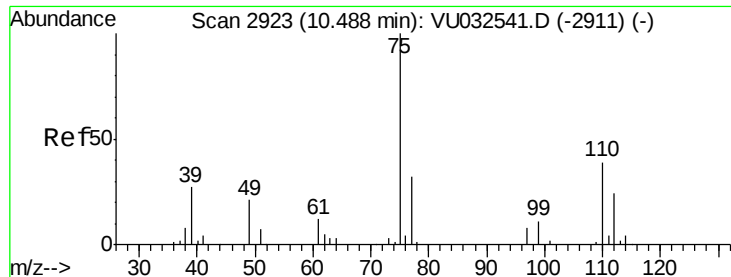
Tgt Ion: 107 Resp: 47826
 Ion Ratio Lower Upper
 107 100
 109 94.1 66.8 124.0
 188 4.0 3.1 4.7



#58
 1,1,2,2-Tetrachloroethane
 Concen: 39.095 ug/L
 RT: 10.45 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

Tgt Ion: 83 Resp: 93791
 Ion Ratio Lower Upper
 83 100
 85 64.9 45.1 83.7
 131 10.2 7.9 11.9

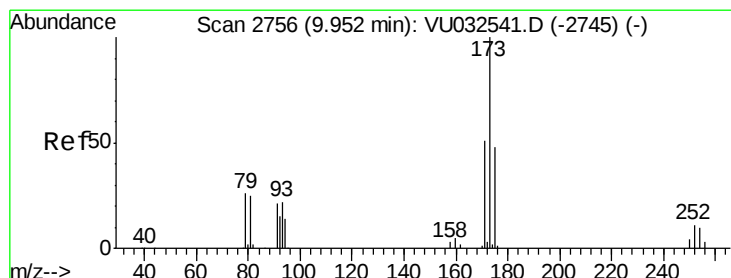
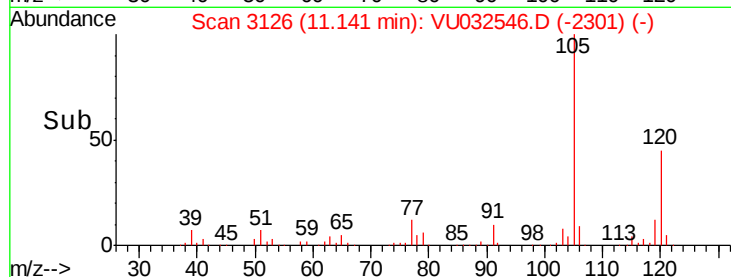
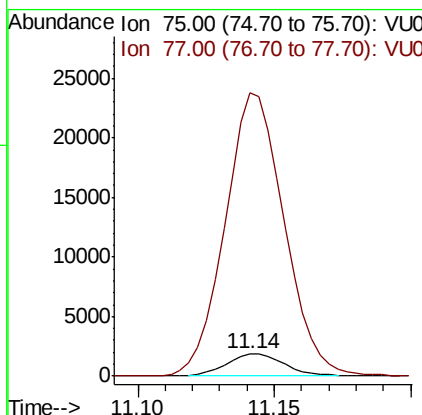
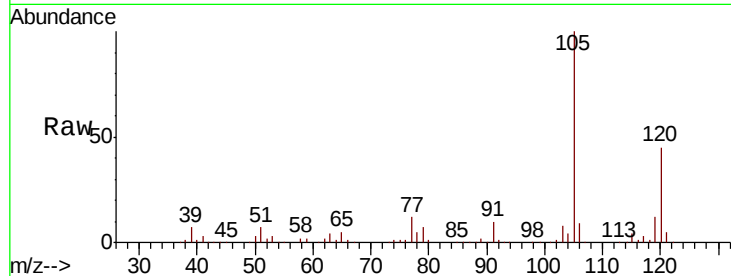




#59
 1,2,3-Trichloropropane
 Concen: 1.434 ug/L
 RT: 11.14 min Scan# 3126
 Delta R.T. 0.65 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

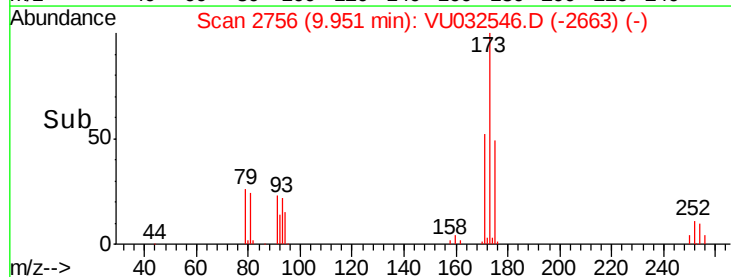
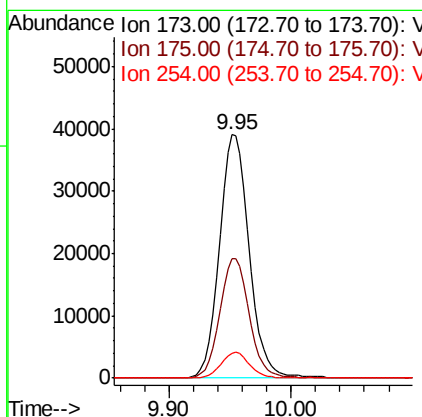
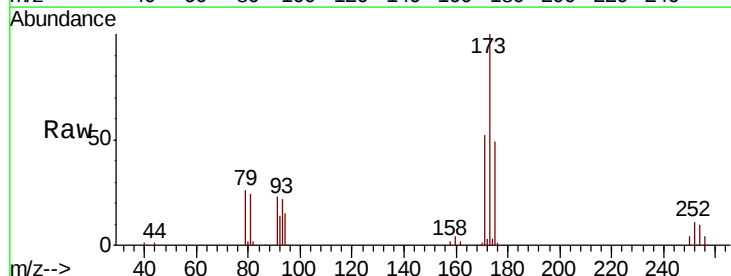
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8D9

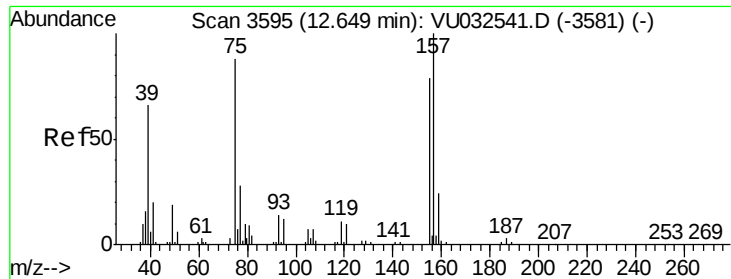
Tgt Ion: 75 Resp: 2768
 Ion Ratio Lower Upper
 75 100
 77 1294.2 25.6 38.4#



#61
 Bromoform
 Concen: 52.203 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VU032546.D
 Acq: 08 Jun 2019 16:39

Tgt Ion: 173 Resp: 66969
 Ion Ratio Lower Upper
 173 100
 175 48.5 39.7 59.5
 254 10.1 7.8 11.8





#66

1,2-Dibromo-3-chloropropane

Concen: 41.605 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU032546.D

Acq: 08 Jun 2019 16:39

Instrument :

MSVOA_U

ClientSampleId :

DB8D9

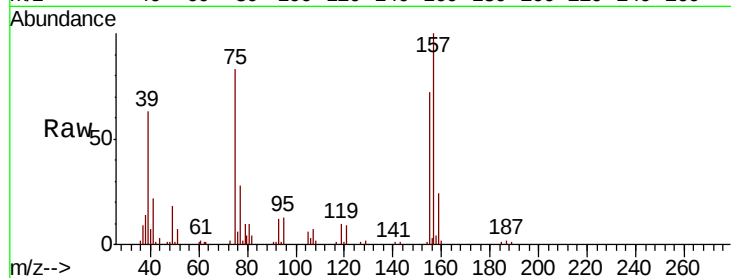
Tgt Ion: 75 Resp: 23038

Ion Ratio Lower Upper

75 100

155 86.6 73.1 109.7

157 120.8 91.4 137.2



Abundance

Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

