

Data File : VU033475.D
Acq On : 29 Jul 2019 18:04
Operator : JC/SP
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Jul 30 04:16:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	279685	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	287028	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	131422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	129400	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.90%
7) Chloroethane-d5	1.67	69	108213	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.14%
11) 1,1-Dichloroethene-d2	2.25	63	175064	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.38%
21) 2-Butanone-d5	4.15	46	146908	100.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.95%
24) Chloroform-d	4.62	84	190371	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.18%
26) 1,2-Dichloroethane-d4	5.29	65	129540	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.66%
32) Benzene-d6	5.32	84	399744	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
36) 1,2-Dichloropropane-d6	6.31	67	125664	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.14%
41) Toluene-d8	7.55	98	362261	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	7.83	79	56059	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.00%
47) 2-Hexanone-d5	8.30	63	101026	101.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.76%
56) 1,1,2,2-Tetrachloroethane-	10.41	84	183287	49.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.94%
66) 1,2-Dichlorobenzene-d4	11.85	152	139277	55.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	6666	2.389 ug/L	99
3) Chloromethane	1.32	50	7043	2.528 ug/L	100
5) Vinyl chloride	1.40	62	8000	2.511 ug/L #	69
6) Bromomethane	1.62	94	5084	2.283 ug/L	97
8) Chloroethane	1.69	64	5225	2.673 ug/L	93
9) Trichlorofluoromethane	1.87	101	10328	2.471 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	6268	2.985 ug/L #	83
12) 1,1-Dichloroethene	2.27	96	6489	3.171 ug/L #	1
13) Acetone	2.31	43	6147	4.262 ug/L	98
14) Carbon disulfide	2.46	76	14445	2.369 ug/L #	91
15) Methyl Acetate	2.60	43	5143	2.224 ug/L	99
16) Methylene chloride	2.68	84	5685	2.529 ug/L	95
17) trans-1,2-Dichloroethene	2.96	96	4813	2.368 ug/L	93
18) Methyl tert-butyl Ether	2.98	73	13865	2.312 ug/L	99
19) 1,1-Dichloroethane	3.42	63	9774	2.554 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	5152	2.297 ug/L	98
23) Bromochloromethane	4.53	128	3012	2.528 ug/L	78

Data File : VU033475.D
Acq On : 29 Jul 2019 18:04
Operator : JC/SP
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Jul 30 04:16:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration

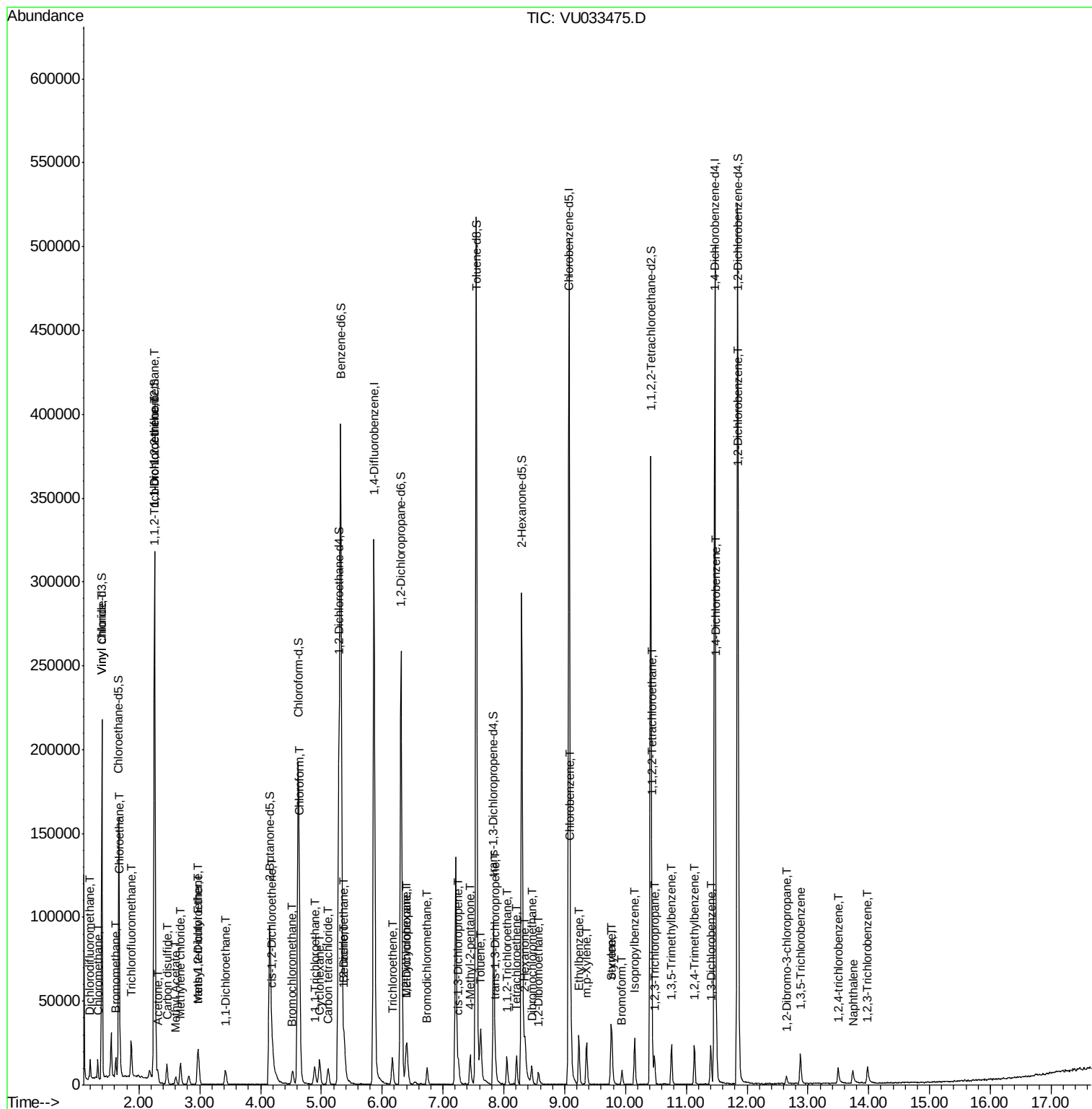
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.65	83	20958	5.165	ug/L	97
27) 1,2-Dichloroethane	5.38	62	7509	2.383	ug/L	99
29) Cyclohexane	4.97	56	6797	2.155	ug/L	97
30) 1,1,1-Trichloroethane	4.89	97	8554	2.503	ug/L	95
31) Carbon tetrachloride	5.11	117	6906	2.270	ug/L	100
33) Benzene	5.37	78	21107	2.460	ug/L	100
34) Trichloroethene	6.17	95	5748	2.572	ug/L	93
35) Methylcyclohexane	6.39	83	7443	2.190	ug/L	99
37) 1,2-Dichloropropane	6.41	63	5809	2.518	ug/L #	94
38) Bromodichloromethane	6.74	83	7044	2.319	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	7366	2.141	ug/L	93
40) 4-Methyl-2-pentanone	7.45	43	12155	3.997	ug/L	97
42) Toluene	7.62	91	22071	2.391	ug/L	93
44) trans-1,3-Dichloropropene	7.86	75	6422	2.056	ug/L	95
45) 1,1,2-Trichloroethane	8.05	97	4893	2.223	ug/L	92
46) Tetrachloroethene	8.21	164	3972	2.184	ug/L	90
48) 2-Hexanone	8.35	43	12183	4.918	ug/L #	93
49) Dibromochloromethane	8.46	129	5661	2.297	ug/L	89
50) 1,2-Dibromoethane	8.57	107	5403	2.263	ug/L	92
51) Chlorobenzene	9.10	112	14230	2.320	ug/L	90
52) Ethylbenzene	9.23	91	21406	2.139	ug/L	97
53) m,p-Xylene	9.36	106	7325	1.946	ug/L	98
54) o-xylene	9.77	106	7611	2.063	ug/L	86
55) Styrene	9.78	104	10844	1.732	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.44	83	9260	2.367	ug/L #	93
59) Bromoform	9.95	173	4159	2.530	ug/L #	97
60) 1,2,3-Trichloropropane	10.48	75	7046	2.632	ug/L	98
61) Isopropylbenzene	10.15	105	18703	2.222	ug/L	96
62) 1,3,5-Trimethylbenzene	10.76	105	12973	1.902	ug/L	94
63) 1,2,4-Trimethylbenzene	11.13	105	12133	1.794	ug/L	96
64) 1,3-Dichlorobenzene	11.40	146	9988	2.328	ug/L	92
65) 1,4-Dichlorobenzene	11.49	146	10953	2.471	ug/L	98
67) 1,2-Dichlorobenzene	11.86	146	11411	2.654	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.65	75	1679	2.256	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.88	180	7015	2.153	ug/L	95
70) 1,2,4-trichlorobenzene	13.50	180	4223	1.553	ug/L	93
71) Naphthalene	13.74	128	8722	1.109	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.98	180	4666	1.638	ug/L	98

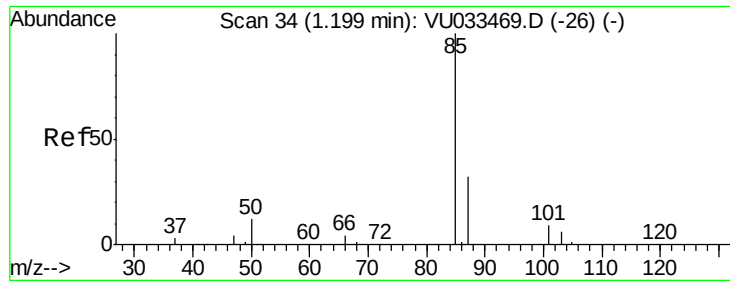
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033475.D
Acq On : 29 Jul 2019 18:04
Operator : JC/SP
Sample : MDL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Quant Time: Jul 30 04:16:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 30 04:12:14 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.389 ug/L

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

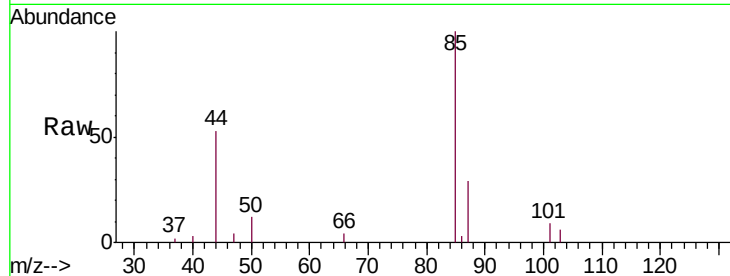
MDL01

Tgt Ion: 85 Resp: 6666

Ion Ratio Lower Upper

85 100

87 31.6 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VU033469.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU033469.D (-26) (-)

8000

6000

4000

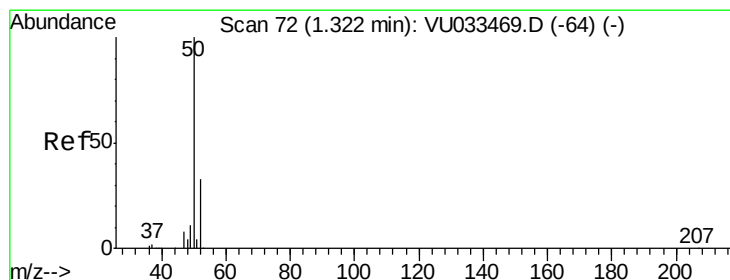
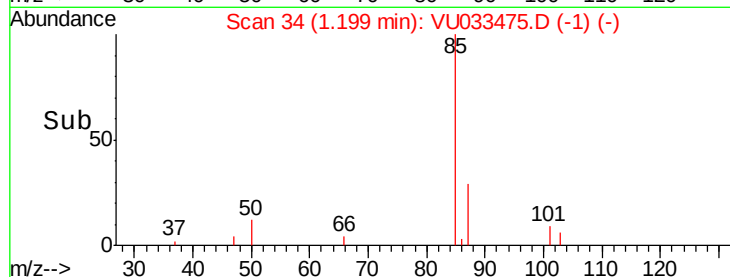
2000

0

1.20

1.25

Time-->



#3

Chloromethane

Concen: 2.528 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU033475.D

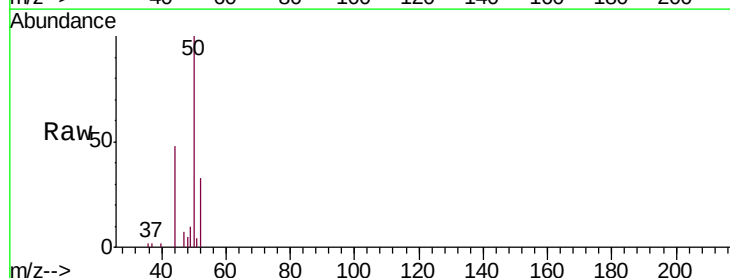
Acq: 29 Jul 2019 18:04

Tgt Ion: 50 Resp: 7043

Ion Ratio Lower Upper

50 100

52 33.2 23.3 43.3



Abundance Ion 50.00 (49.70 to 50.70): VU033469.D (-64) (-)

Ion 52.00 (51.70 to 52.70): VU033469.D (-64) (-)

8000

6000

4000

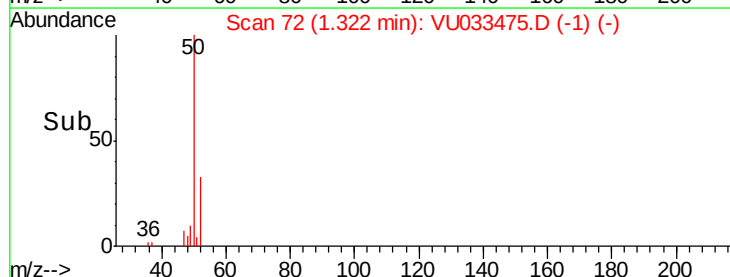
2000

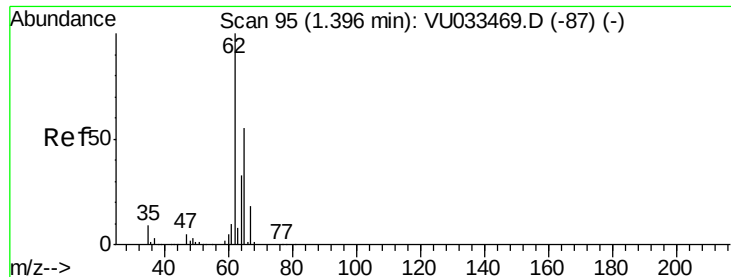
0

1.32

1.36

Time-->





#5

Vinyl chloride

Concen: 2.511 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

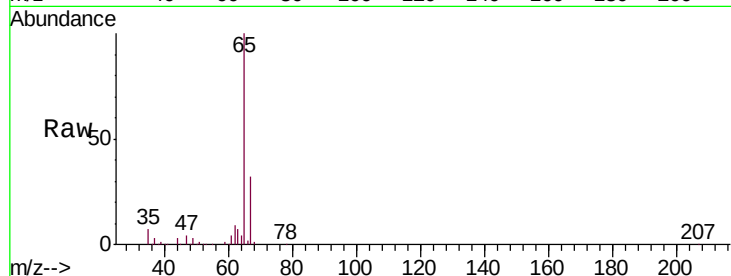
MDL01

Tgt Ion: 62 Resp: 8000

Ion Ratio Lower Upper

62 100

64 50.3 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU033469.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU033475.D (-2) (-)

1.40

8000

6000

4000

2000

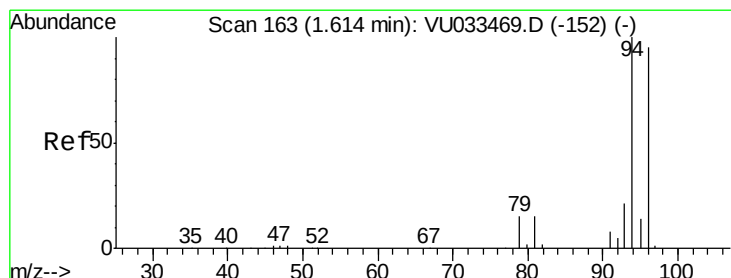
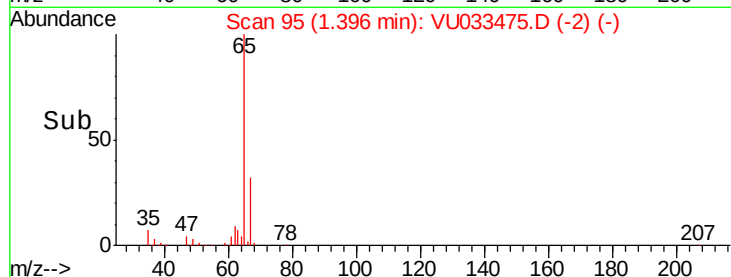
0

Time-->

1.35

1.40

1.45



#6

Bromomethane

Concen: 2.283 ug/L

RT: 1.62 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU033475.D

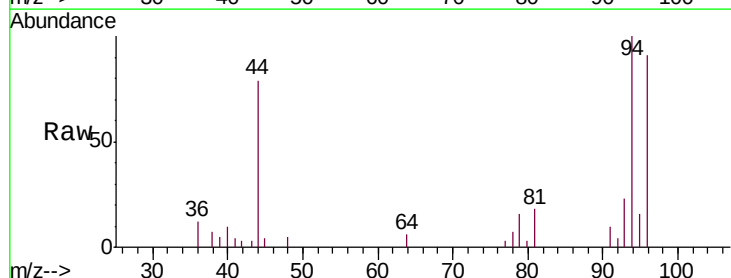
Acq: 29 Jul 2019 18:04

Tgt Ion: 94 Resp: 5084

Ion Ratio Lower Upper

94 100

96 91.3 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VU033469.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU033475.D (-70) (-)

1.62

4000

3000

2000

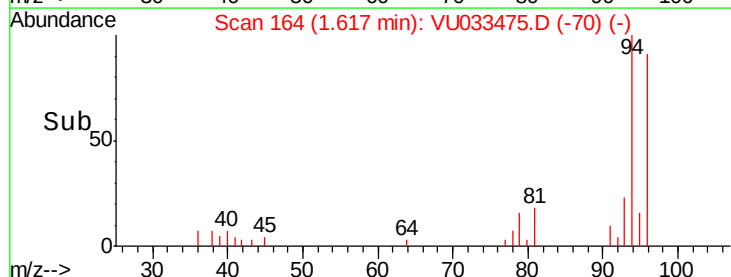
1000

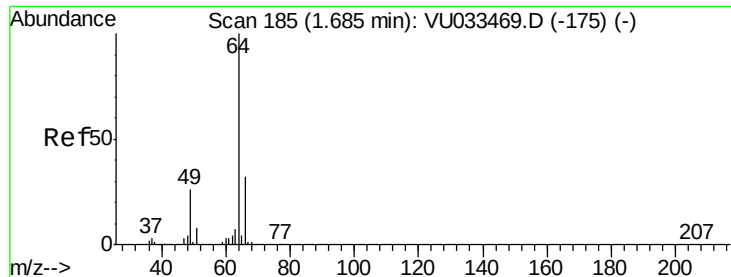
0

Time-->

1.60

1.65





#8

Chloroethane

Concen: 2.673 ug/L

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

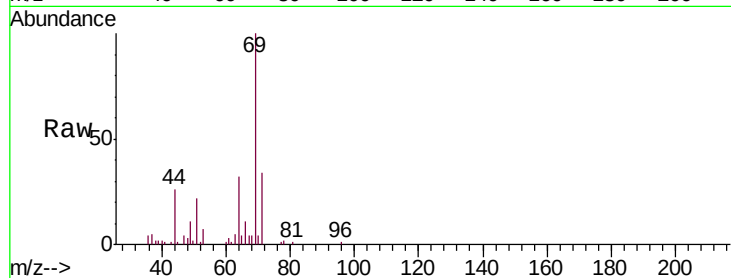
MDL01

Tgt Ion: 64 Resp: 5225

Ion Ratio Lower Upper

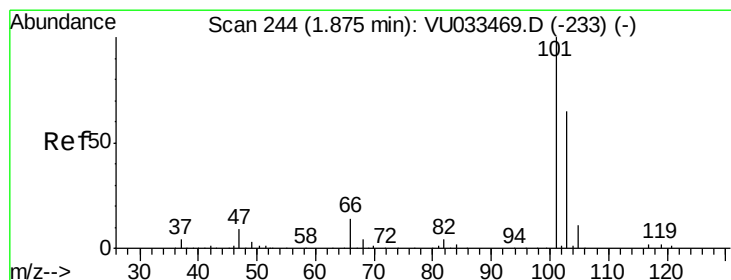
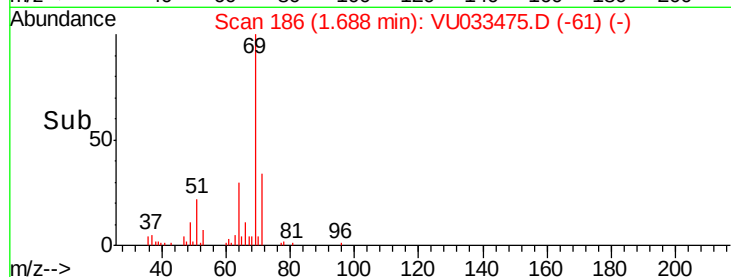
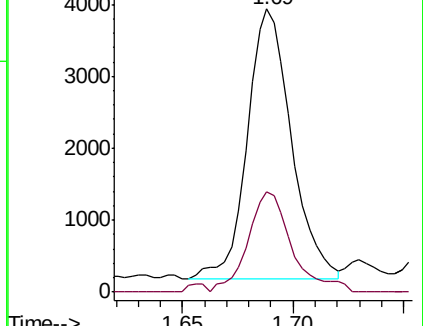
64 100

66 35.3 22.1 41.1



Abundance Ion 64.00 (63.70 to 64.70): VU033469.D (-175) (-)

Ion 66.00 (65.70 to 66.70): VU033469.D (-175) (-)



#9

Trichlorofluoromethane

Concen: 2.471 ug/L

RT: 1.87 min Scan# 244

Delta R.T. 0.00 min

Lab File: VU033475.D

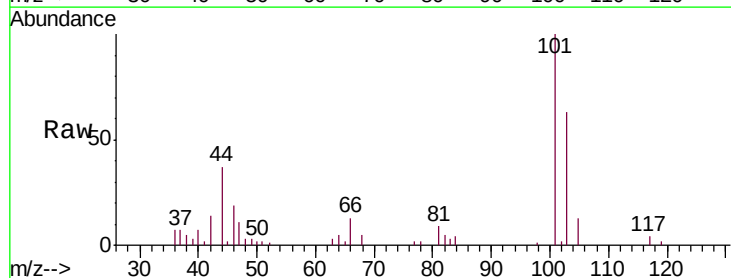
Acq: 29 Jul 2019 18:04

Tgt Ion: 101 Resp: 10328

Ion Ratio Lower Upper

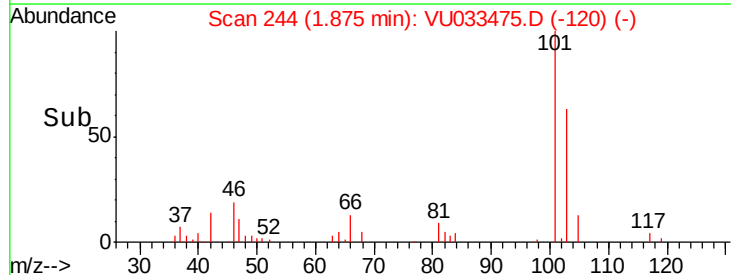
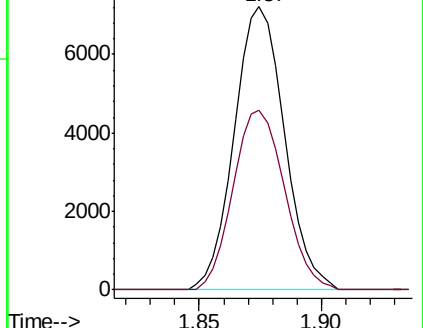
101 100

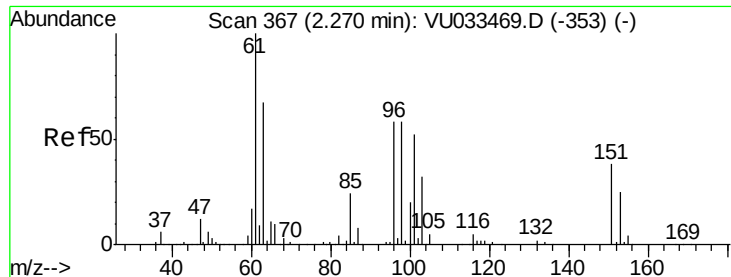
103 64.9 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): VU033469.D (-233) (-)

Ion 103.00 (102.70 to 103.70): VU033469.D (-233) (-)





#10

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

Concen: 2.985 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

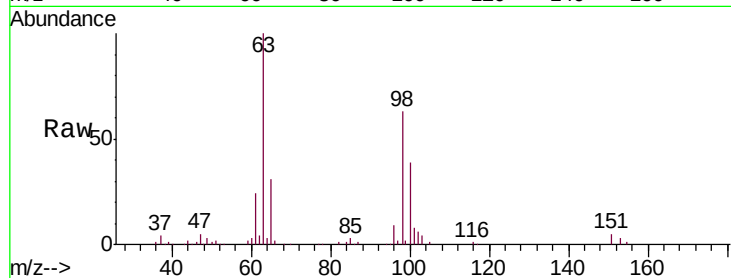
Tgt Ion: 101 Resp: 6268

Ion Ratio Lower Upper

101 100

85 34.2 35.8 53.8#

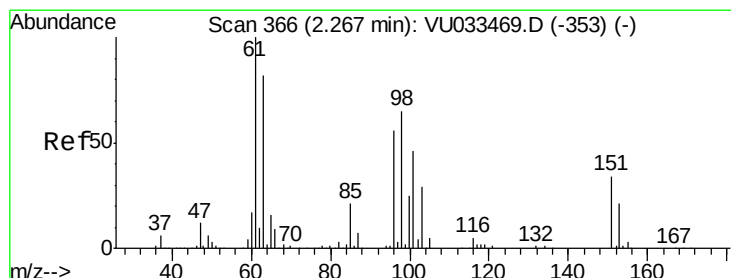
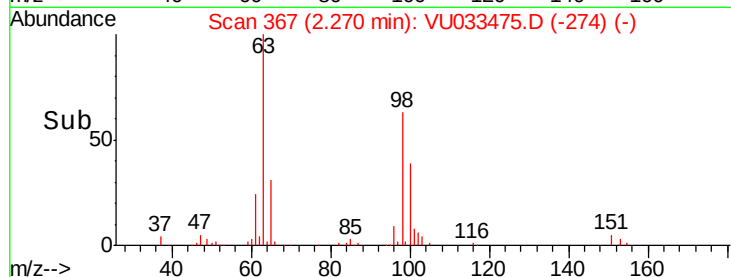
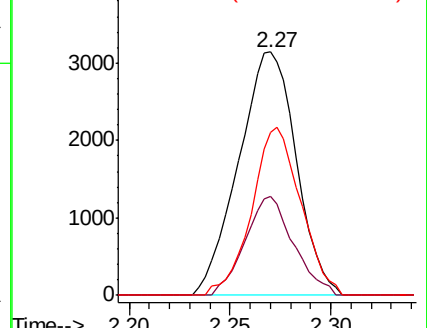
151 58.5 58.6 87.8#



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: 3.171 ug/L

RT: 2.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

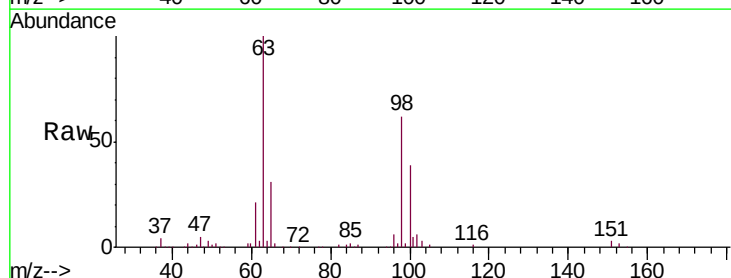
Tgt Ion: 96 Resp: 6489

Ion Ratio Lower Upper

96 100

61 329.3 124.1 230.5#

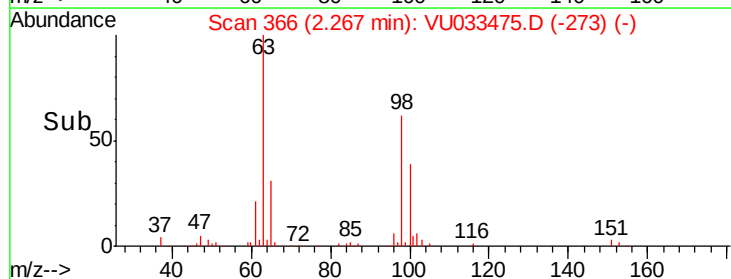
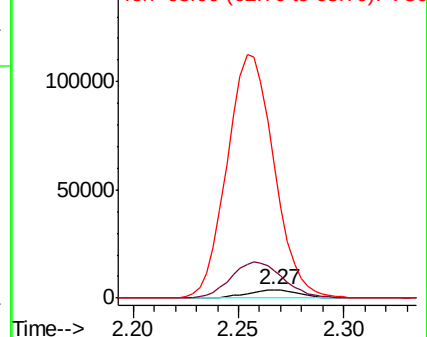
63 1558.2 101.8 189.2#

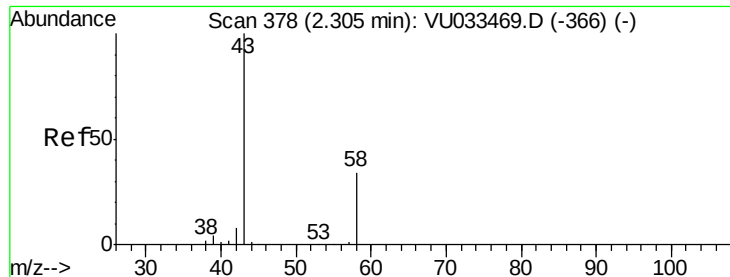


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 4.262 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampled :

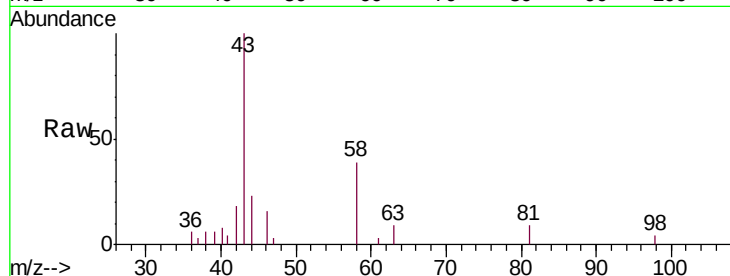
MDL01

Tgt Ion: 43 Resp: 6147

Ion Ratio Lower Upper

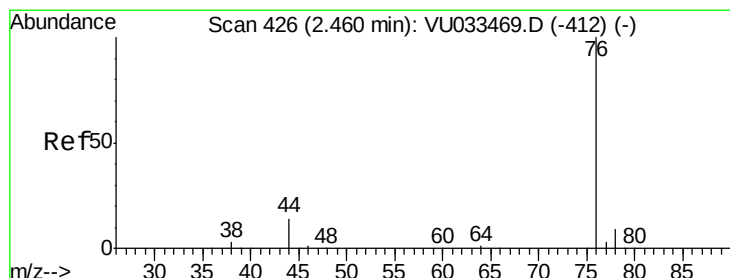
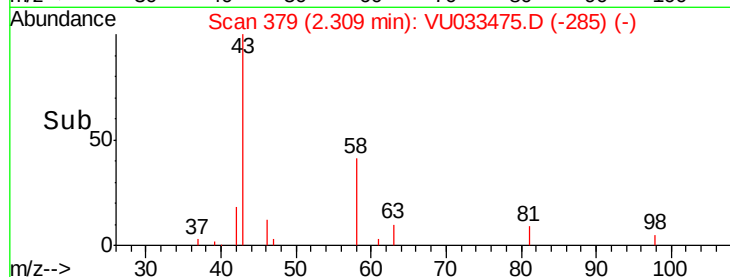
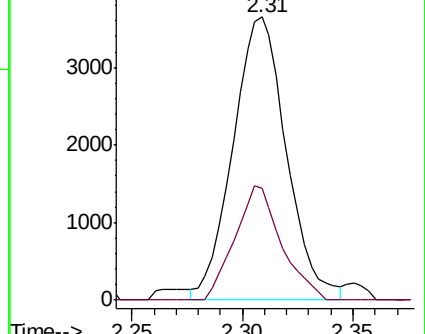
43 100

58 35.0 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VU033469.D (-366) (-)

Ion 58.00 (57.70 to 58.70): VU033469.D (-366) (-)



#14

Carbon disulfide

Concen: 2.369 ug/L

RT: 2.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: VU033475.D

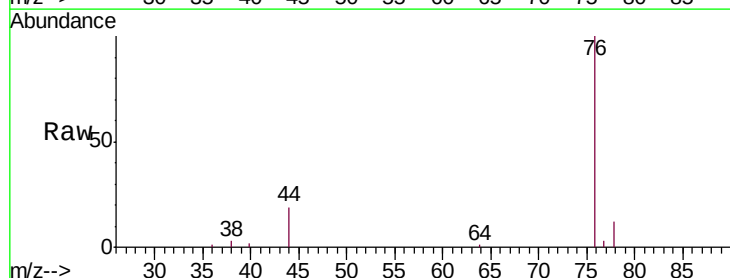
Acq: 29 Jul 2019 18:04

Tgt Ion: 76 Resp: 14445

Ion Ratio Lower Upper

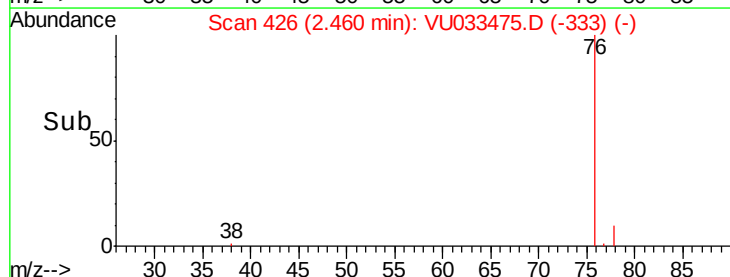
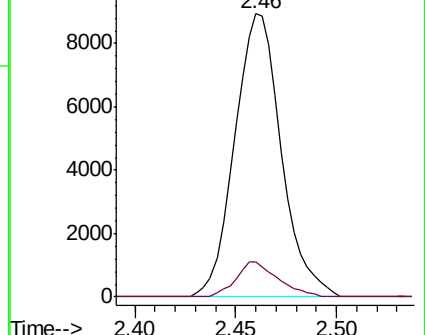
76 100

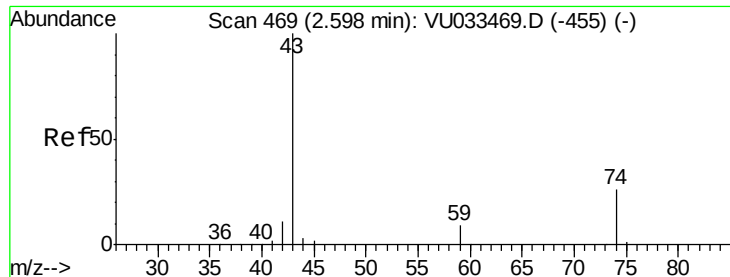
78 12.4 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VU033469.D (-412) (-)

Ion 78.00 (77.70 to 78.70): VU033469.D (-412) (-)





#15

Methyl Acetate

Concen: 2.224 ug/L

RT: 2.60 min Scan# 471

Delta R.T. 0.01 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

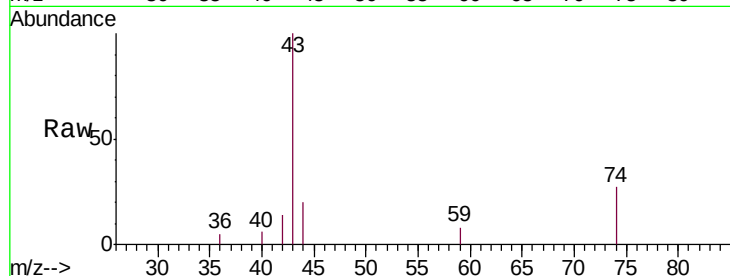
MDL01

Tgt Ion: 43 Resp: 5143

Ion Ratio Lower Upper

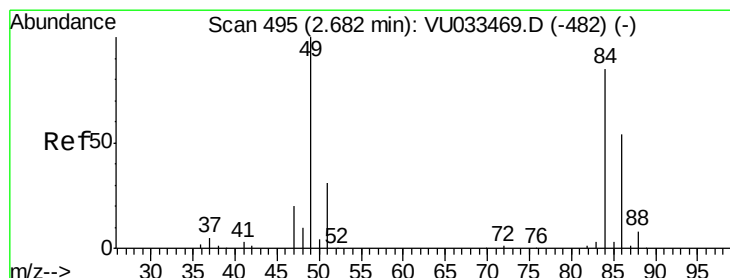
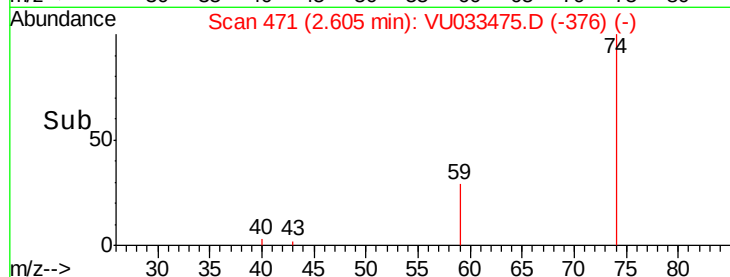
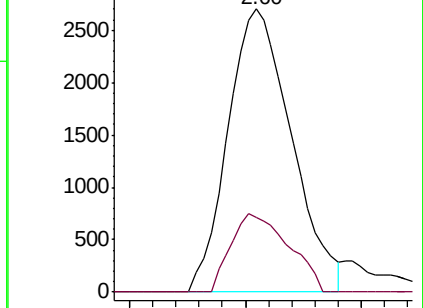
43 100

74 25.2 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VU033475.D (-471) (-)

Ion 74.00 (73.70 to 74.70): VU033475.D (-471) (-)



#16

Methylene chloride

Concen: 2.529 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

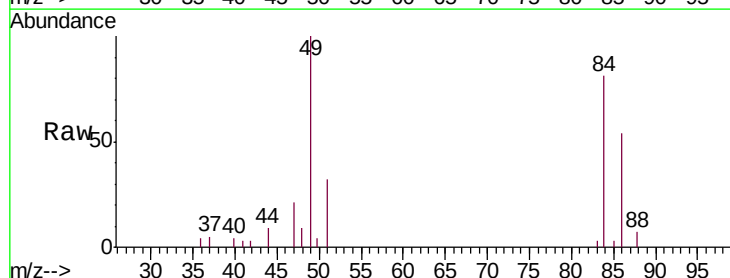
Tgt Ion: 84 Resp: 5685

Ion Ratio Lower Upper

84 100

86 67.0 44.2 82.0

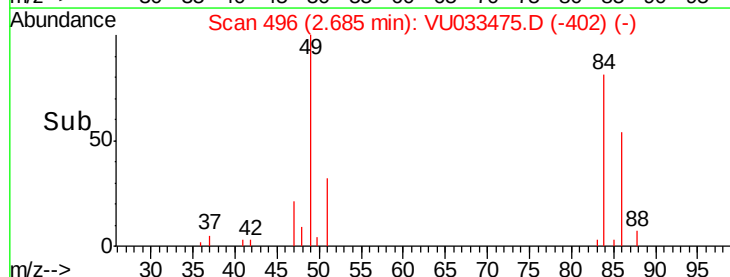
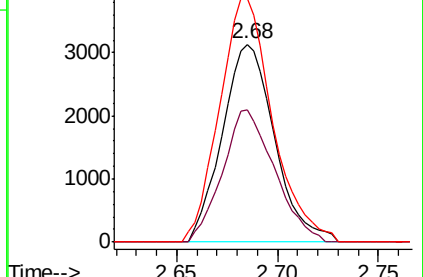
49 123.2 82.3 152.8

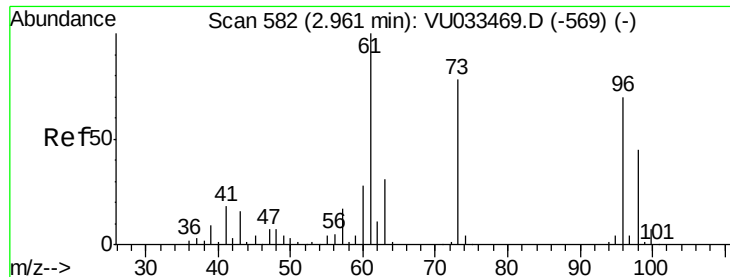


Abundance Ion 84.00 (83.70 to 84.70): VU033475.D (-496) (-)

Ion 86.00 (85.70 to 86.70): VU033475.D (-496) (-)

Ion 49.00 (48.70 to 49.70): VU033475.D (-496) (-)





#17

trans-1,2-Dichloroethene

Concen: 2.368 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampled :

MDL01

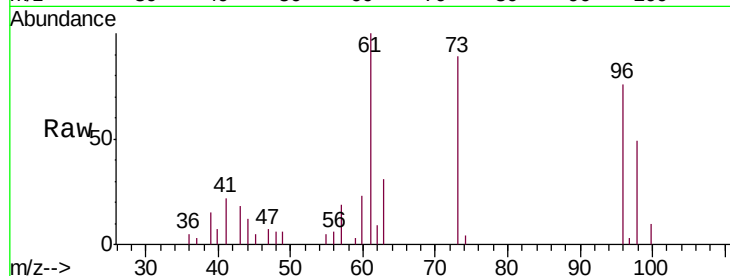
Tgt Ion: 96 Resp: 4813

Ion Ratio Lower Upper

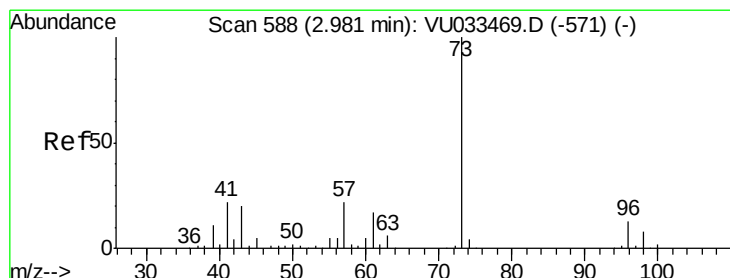
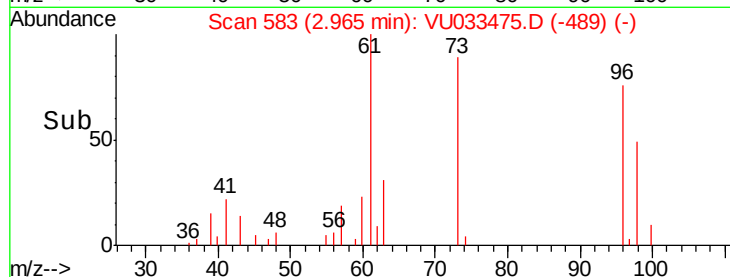
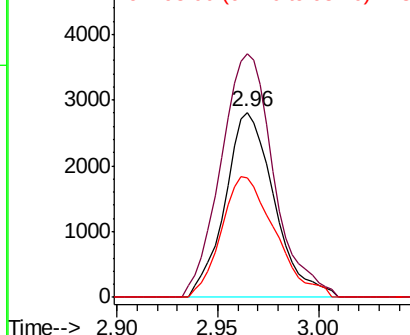
96 100

61 131.8 100.3 186.3

98 64.8 45.1 83.9



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#18

Methyl tert-butyl Ether

Concen: 2.312 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

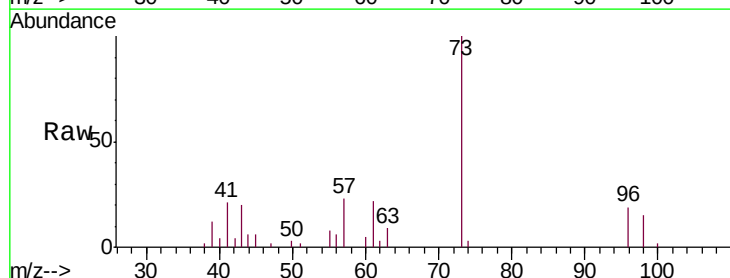
Tgt Ion: 73 Resp: 13865

Ion Ratio Lower Upper

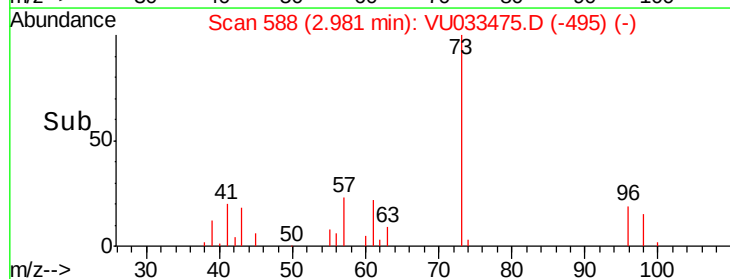
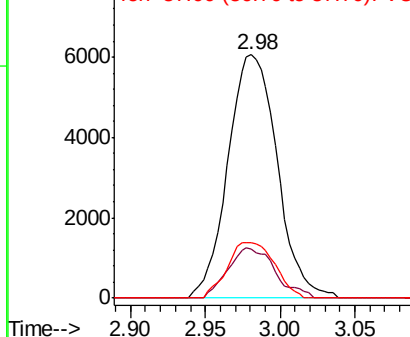
73 100

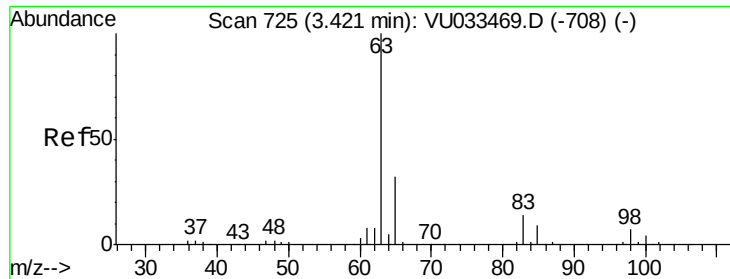
43 19.9 15.3 22.9

57 22.0 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 43.00 (42.70 to 43.70): VU0
Ion 57.00 (56.70 to 57.70): VU0

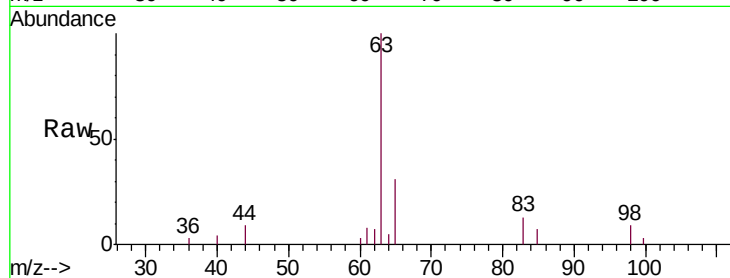




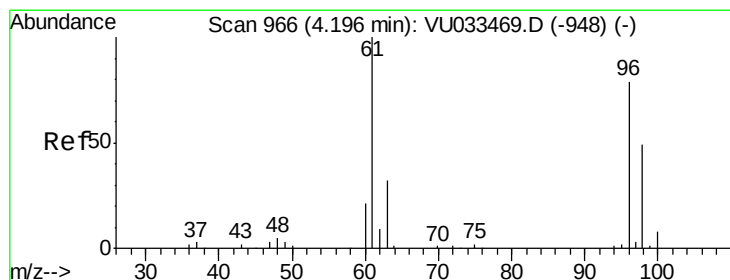
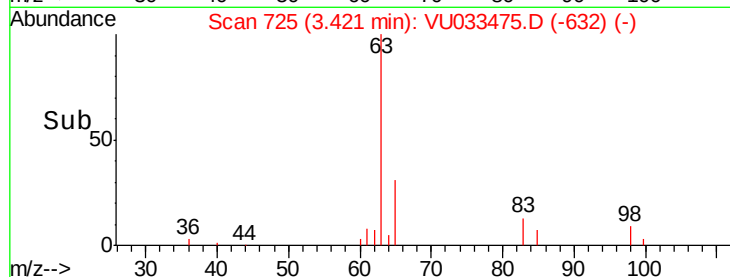
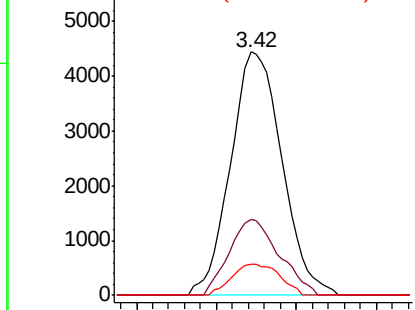
#19
 1,1-Dichloroethane
 Concen: 2.554 ug/L
 RT: 3.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion: 63 Resp: 9774
 Ion Ratio Lower Upper
 63 100
 65 31.3 22.7 42.1
 83 12.9 9.4 17.6

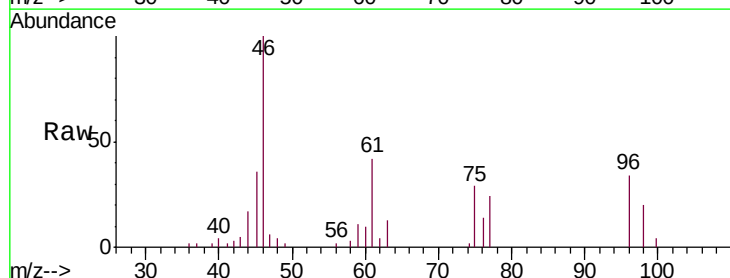


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 65.00 (64.70 to 65.70): VU0
 Ion 83.00 (82.70 to 83.70): VU0

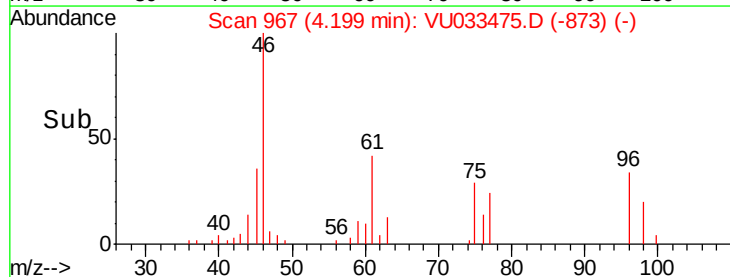
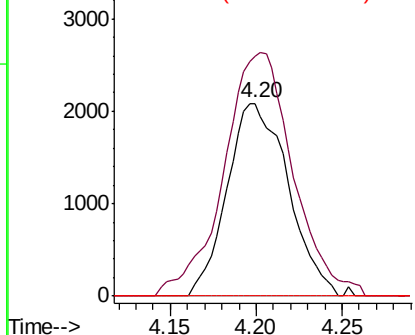


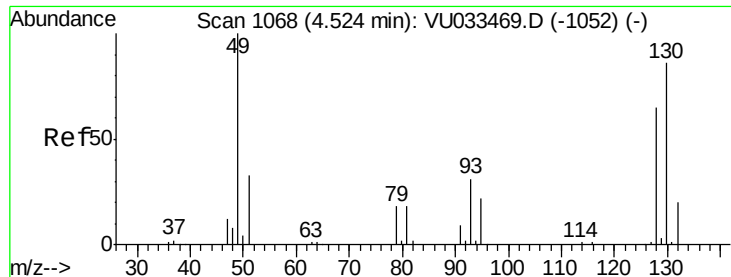
#20
 cis-1,2-Dichloroethene
 Concen: 2.297 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion: 96 Resp: 5152
 Ion Ratio Lower Upper
 96 100
 61 124.5 88.9 165.1
 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



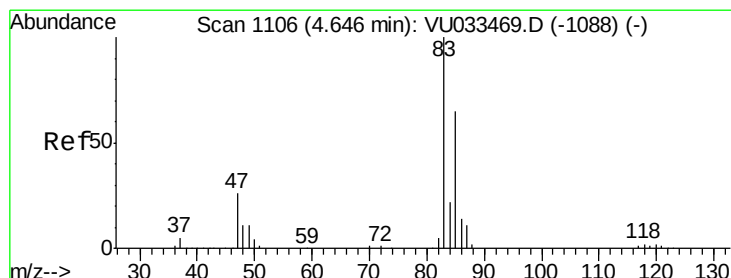
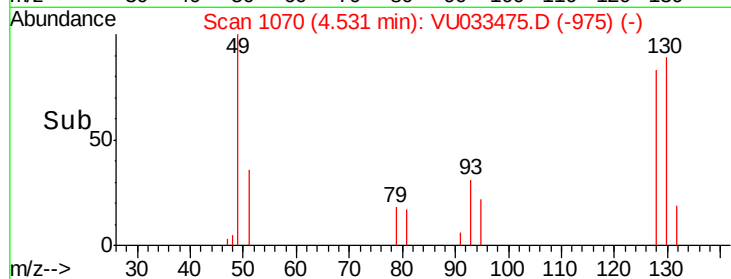
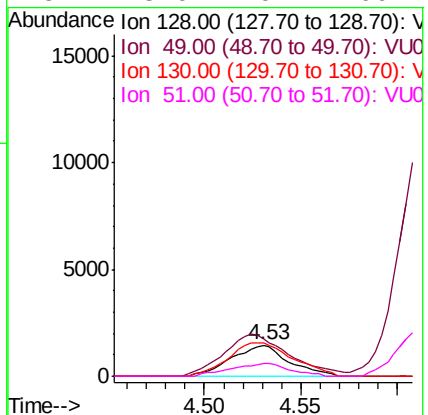
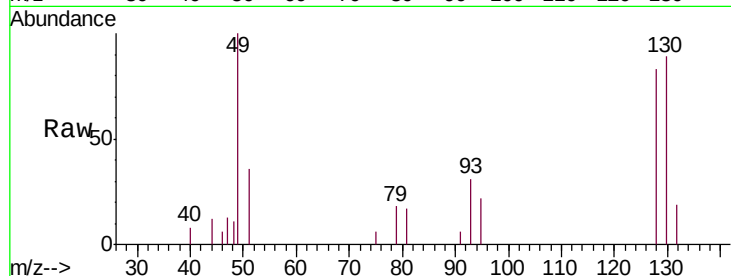


#23
 Bromochloromethane
 Concen: 2.528 ug/L
 RT: 4.53 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion: 128 Resp: 3012

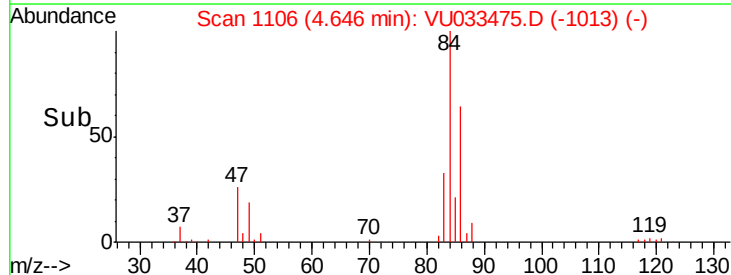
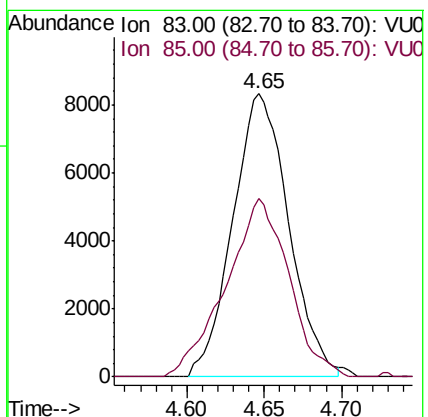
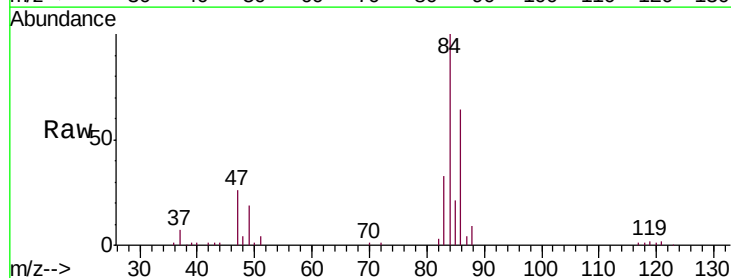
Ion	Ratio	Lower	Upper
128	100		
49	120.0	108.0	200.6
130	107.1	92.9	172.5
51	43.0	40.2	60.4

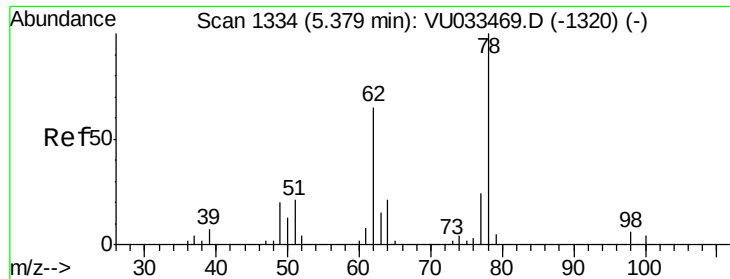


#25
 Chloroform
 Concen: 5.165 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion: 83 Resp: 20958

Ion	Ratio	Lower	Upper
83	100		
85	63.0	45.6	84.8

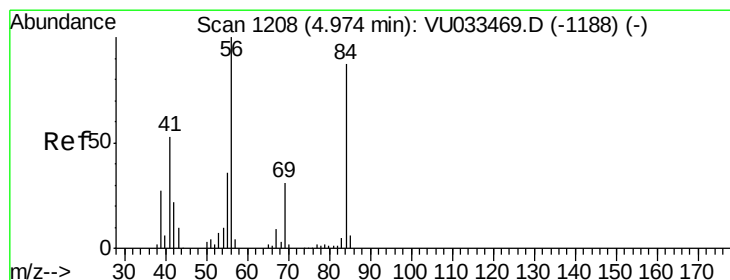
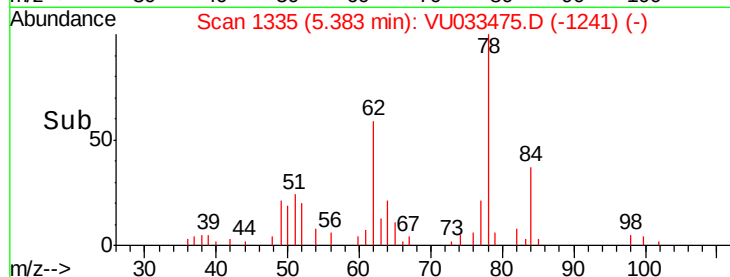
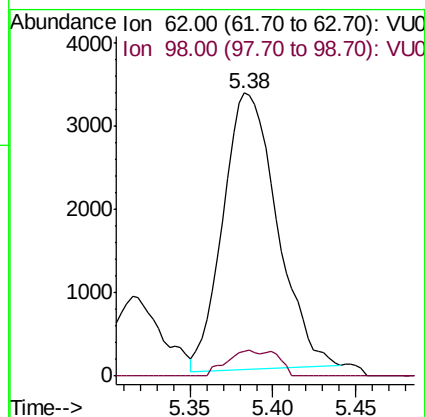
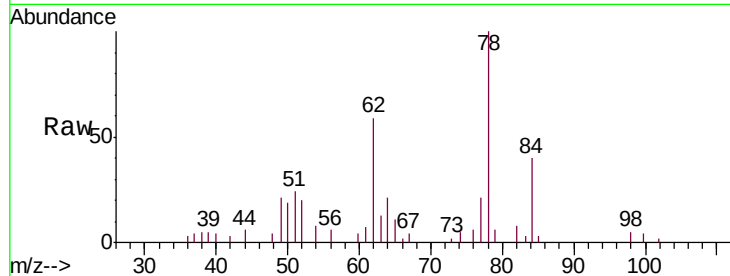




#27
 1,2-Dichloroethane
 Concen: 2.383 ug/L
 RT: 5.38 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

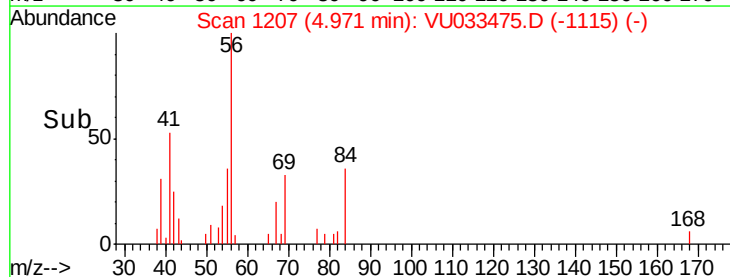
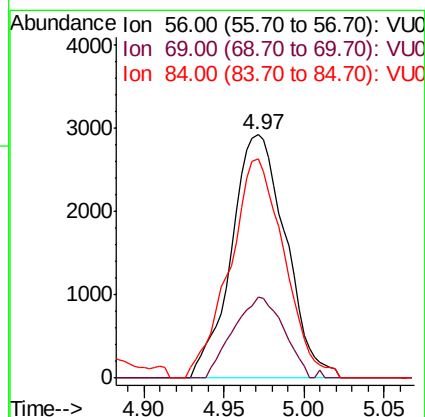
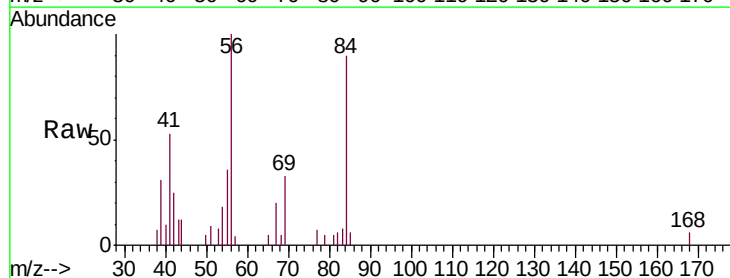
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

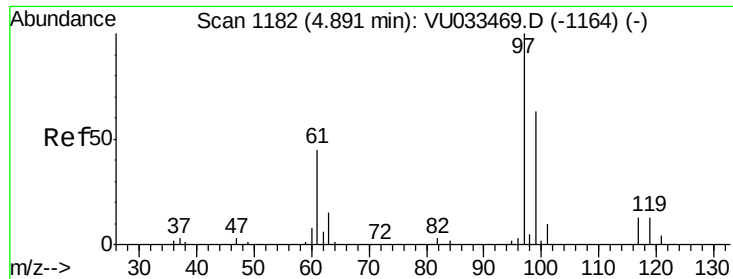
Tgt Ion: 62 Resp: 7509
 Ion Ratio Lower Upper
 62 100
 98 8.9 6.7 10.1



#29
 Cyclohexane
 Concen: 2.155 ug/L
 RT: 4.97 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion: 56 Resp: 6797
 Ion Ratio Lower Upper
 56 100
 69 30.7 25.3 37.9
 84 90.3 69.6 104.4

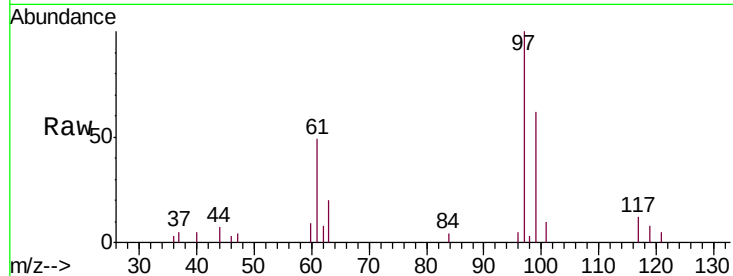




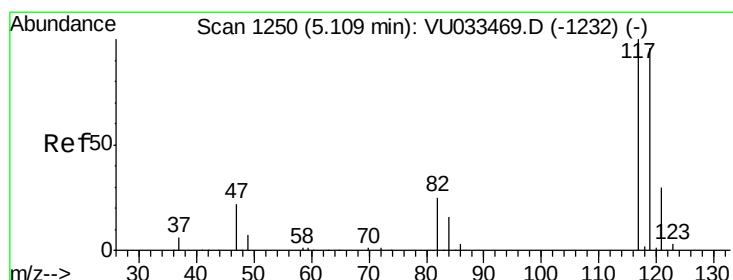
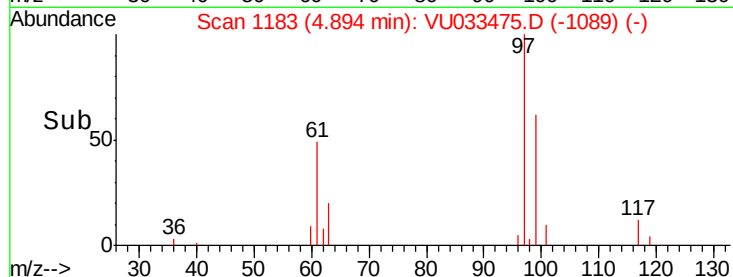
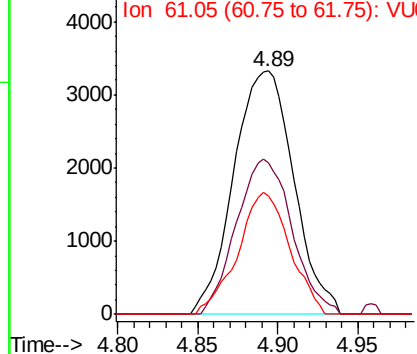
#30
 1,1,1-Trichloroethane
 Concen: 2.503 ug/L
 RT: 4.89 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion: 97 Resp: 8554
 Ion Ratio Lower Upper
 97 100
 99 59.2 51.8 77.6
 61 43.2 36.2 54.2

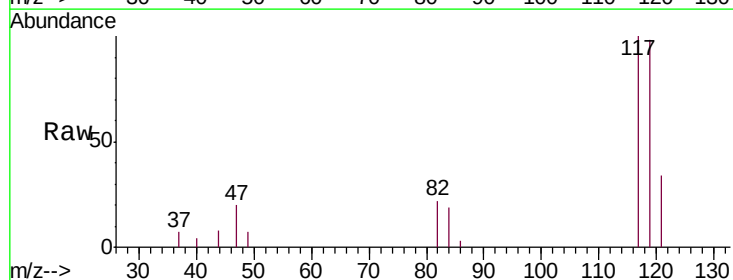


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

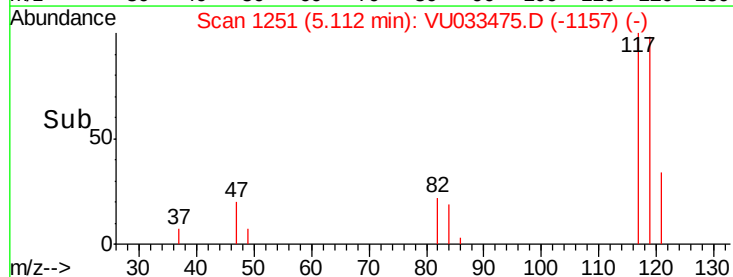
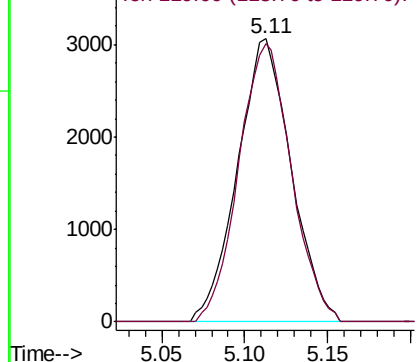


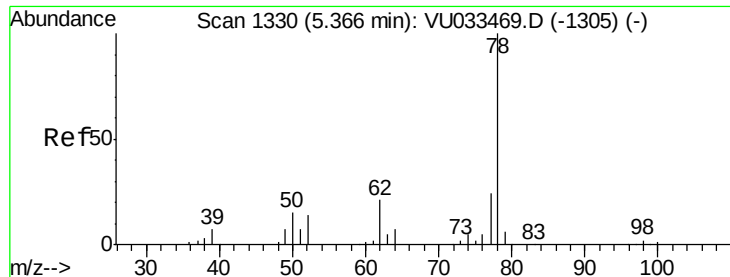
#31
 Carbon tetrachloride
 Concen: 2.270 ug/L
 RT: 5.11 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion: 117 Resp: 6906
 Ion Ratio Lower Upper
 117 100
 119 96.4 76.8 115.2



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 119.00 (118.70 to 119.70): V





#33

Benzene

Concen: 2.460 ug/L

RT: 5.37 min Scan# 1331

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

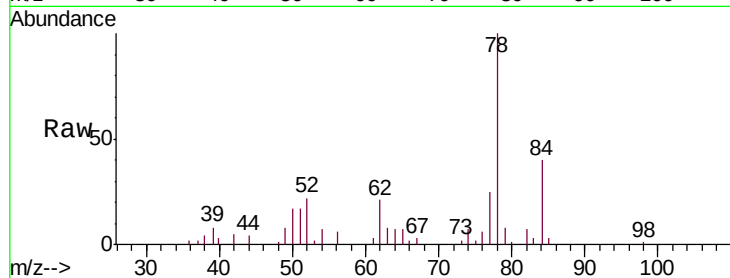
Instrument :

MSVOA_U

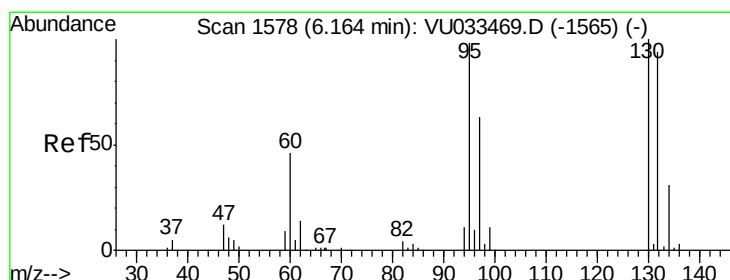
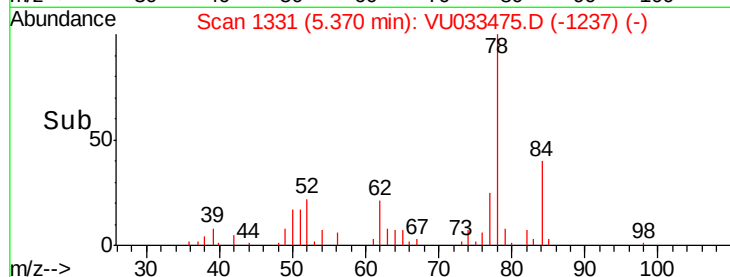
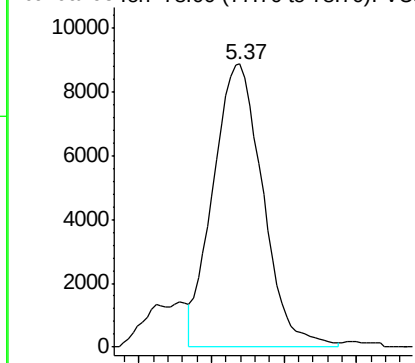
ClientSampled :

MDL01

Tgt Ion: 78 Resp: 21107



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 2.572 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Tgt Ion: 95 Resp: 5748

Ion	Ratio	Lower	Upper
95	100		
97	55.5	45.4	84.2
132	95.6	67.1	124.5
130	91.0	71.4	132.6

95 100

97 55.5 45.4 84.2

132 95.6 67.1 124.5

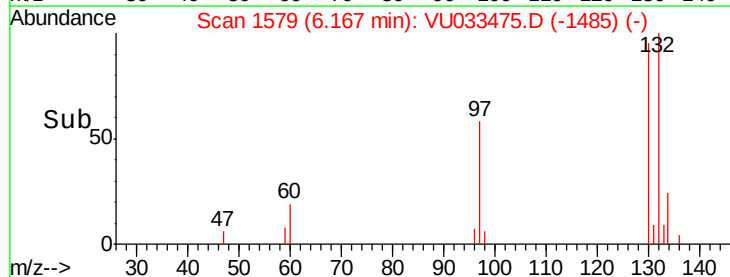
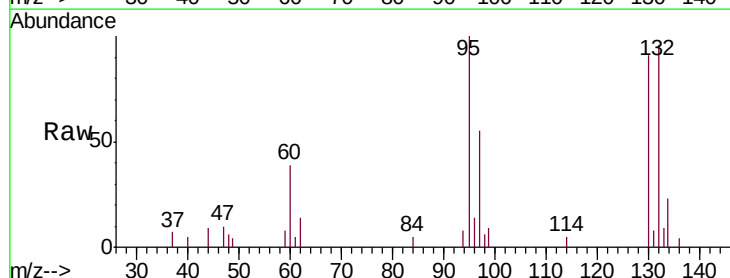
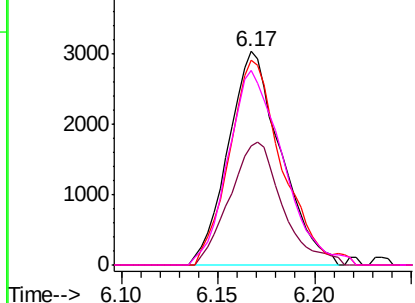
130 91.0 71.4 132.6

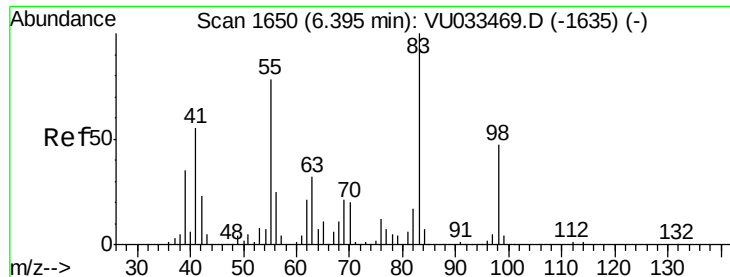
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

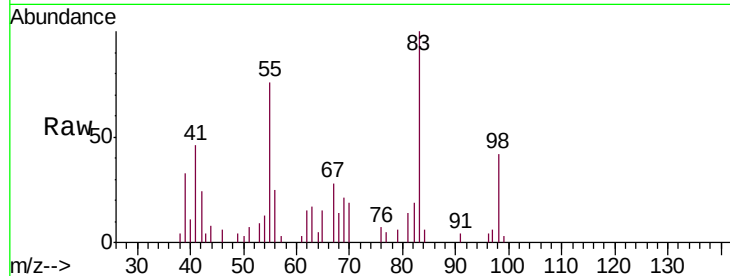




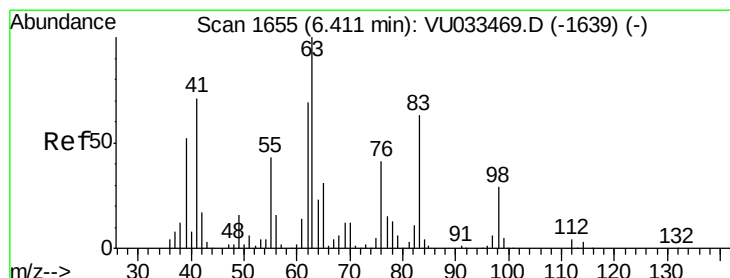
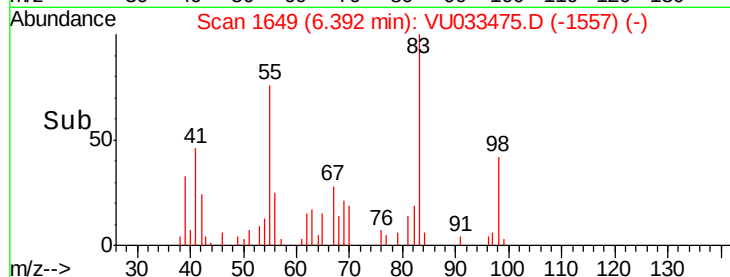
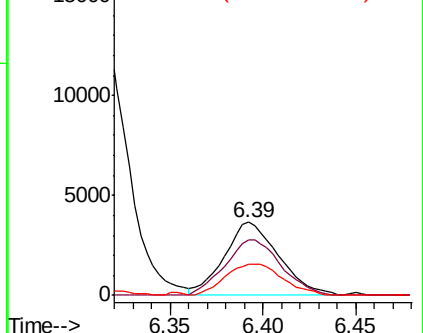
#35
Methylcyclohexane
Concen: 2.190 ug/L
RT: 6.39 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VU033475.D
Acq: 29 Jul 2019 18:04

Instrument :
MSVOA_U
ClientSampleId :
MDL01

Tgt Ion: 83 Resp: 7443
Ion Ratio Lower Upper
83 100
55 78.0 62.4 93.6
98 44.9 37.3 55.9

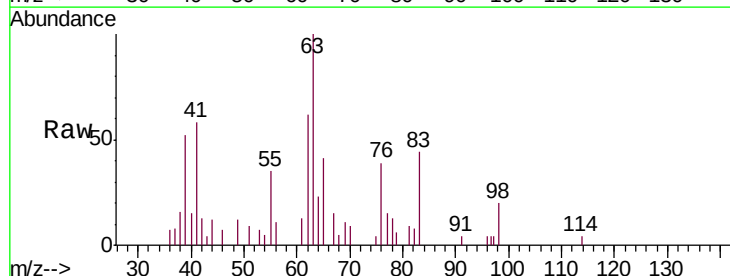


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

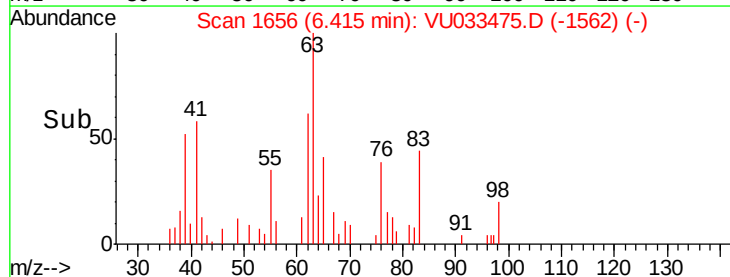
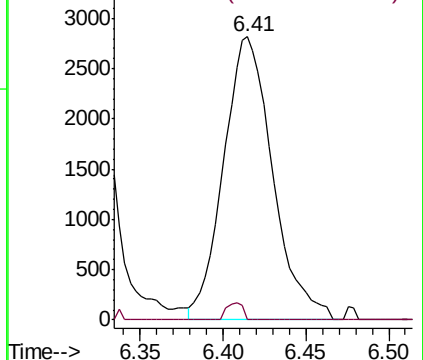


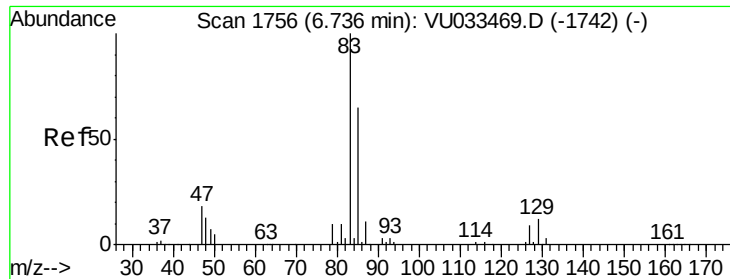
#37
1,2-Dichloropropane
Concen: 2.518 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU033475.D
Acq: 29 Jul 2019 18:04

Tgt Ion: 63 Resp: 5809
Ion Ratio Lower Upper
63 100
112 2.0 3.1 4.7#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 2.319 ug/L

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

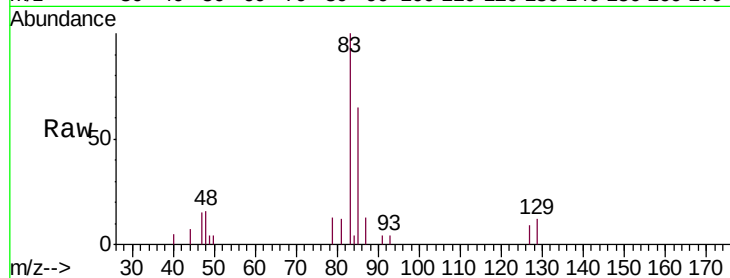
Tgt Ion: 83 Resp: 7044

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.4

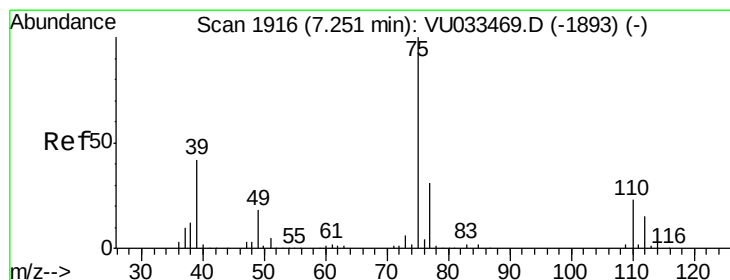
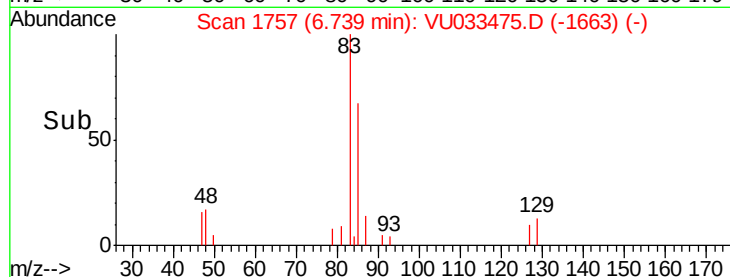
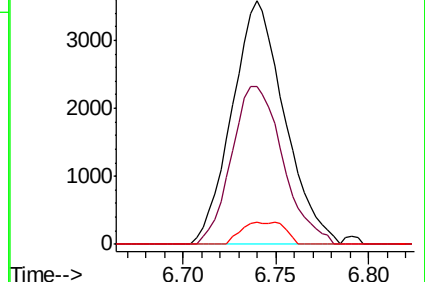
127 9.4 7.3 10.9



Abundance Ion 83.00 (82.70 to 83.70): VU033469.D (-1742) (-)

Ion 85.00 (84.70 to 85.70): VU033469.D (-1742) (-)

Ion 127.00 (126.70 to 127.70): VU033469.D (-1742) (-)



#39

cis-1,3-Dichloropropene

Concen: 2.141 ug/L

RT: 7.25 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VU033475.D

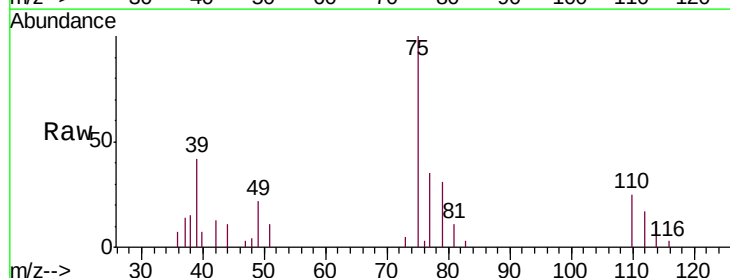
Acq: 29 Jul 2019 18:04

Tgt Ion: 75 Resp: 7366

Ion Ratio Lower Upper

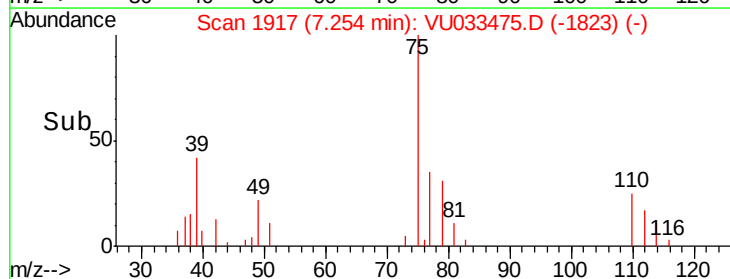
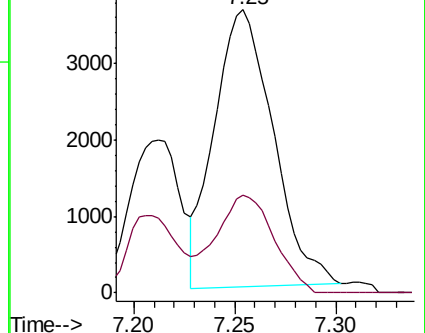
75 100

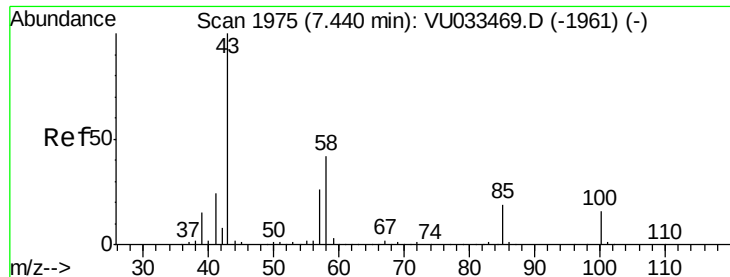
77 34.6 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU033469.D (-1893) (-)

Ion 77.00 (76.70 to 77.70): VU033469.D (-1893) (-)

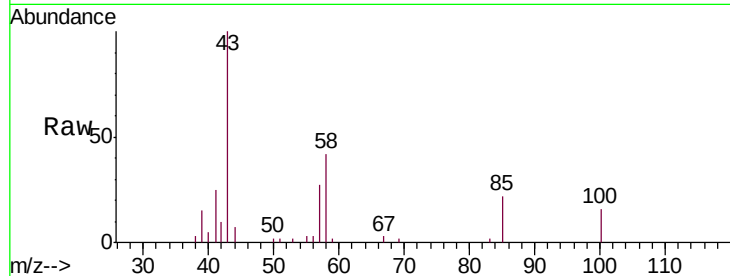




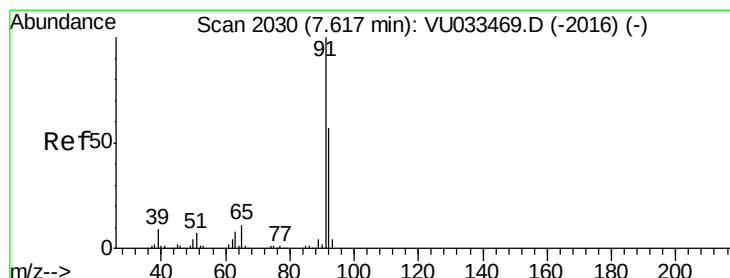
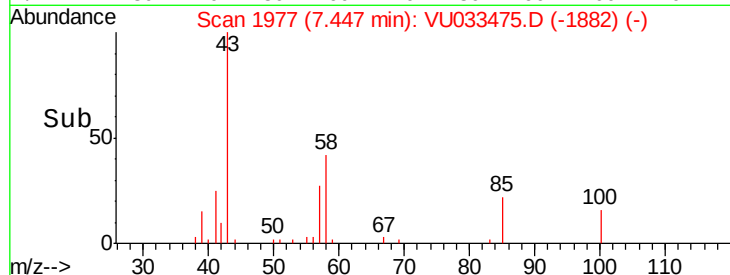
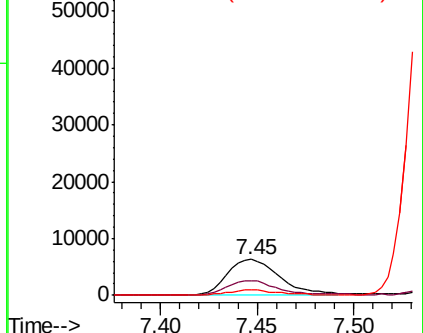
#40
 4-Methyl-2-pentanone
 Concen: 3.997 ug/L
 RT: 7.45 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion: 43 Resp: 12155
 Ion Ratio Lower Upper
 43 100
 58 39.7 33.4 50.2
 100 14.0 12.3 18.5

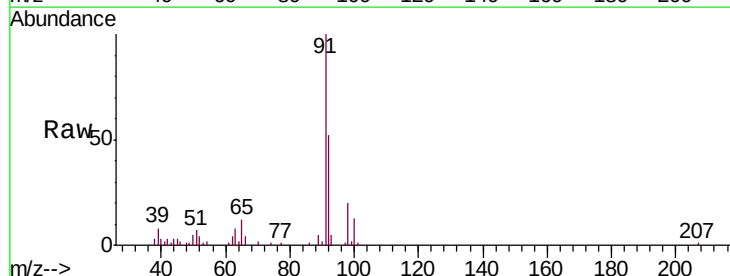


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

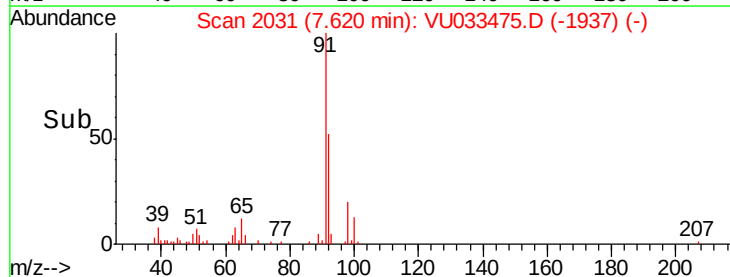
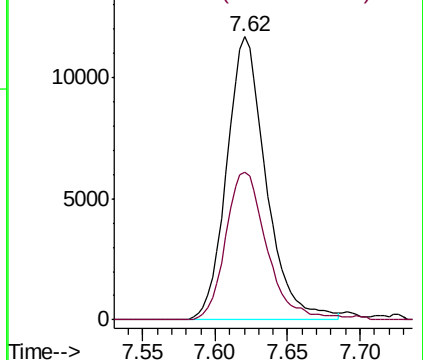


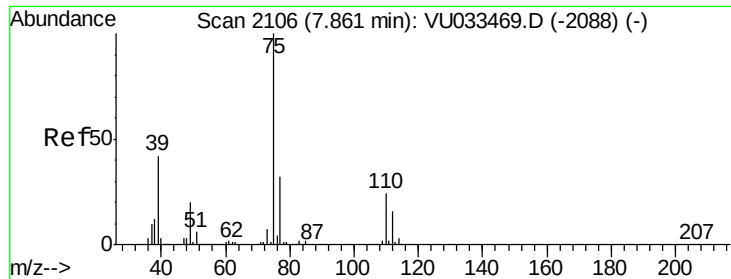
#42
 Toluene
 Concen: 2.391 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion: 91 Resp: 22071
 Ion Ratio Lower Upper
 91 100
 92 52.2 40.1 74.5



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 2.056 ug/L

RT: 7.86 min Scan# 2107

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

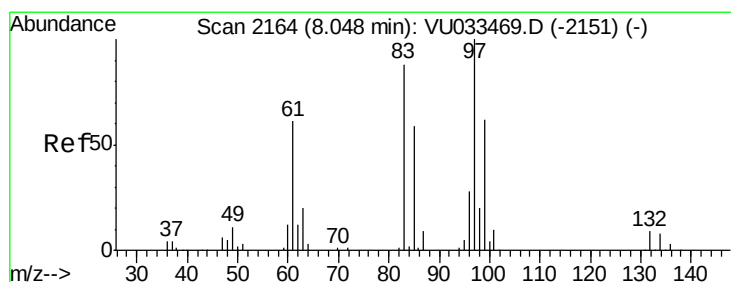
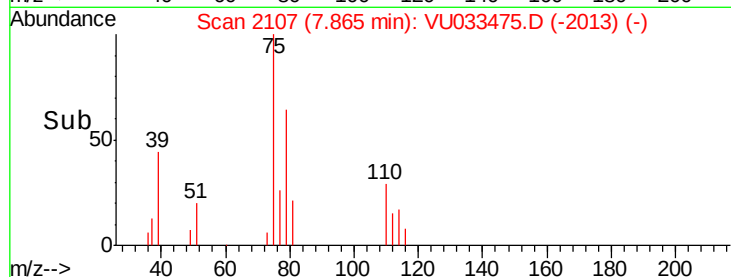
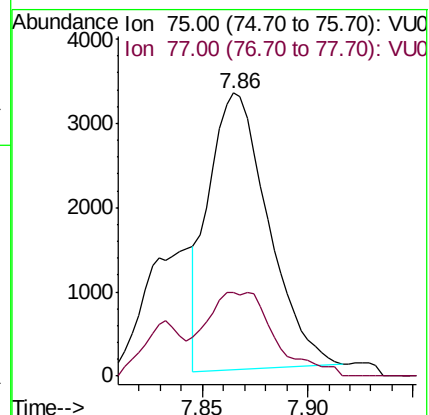
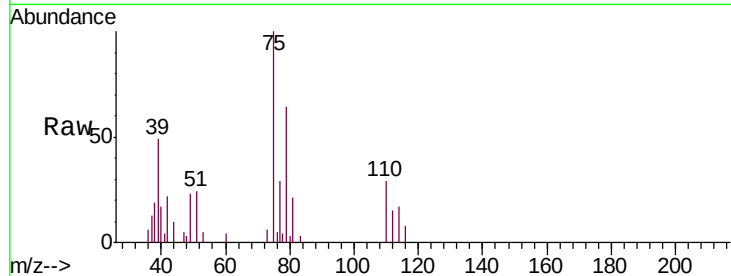
MDL01

Tgt Ion: 75 Resp: 6422

Ion Ratio Lower Upper

75 100

77 29.3 22.3 41.5



#45

1,1,2-Trichloroethane

Concen: 2.223 ug/L

RT: 8.05 min Scan# 2166

Delta R.T. 0.01 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Tgt Ion: 97 Resp: 4893

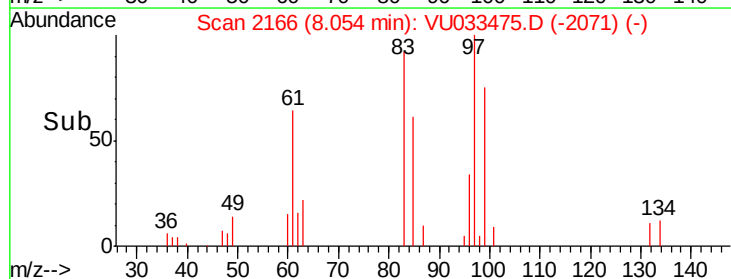
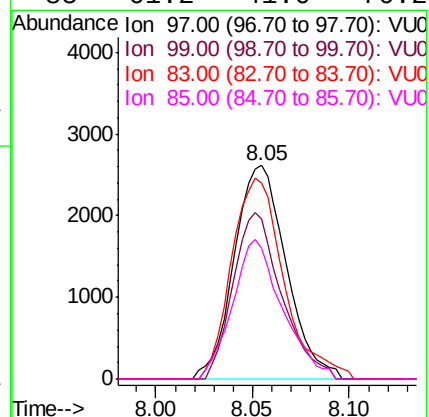
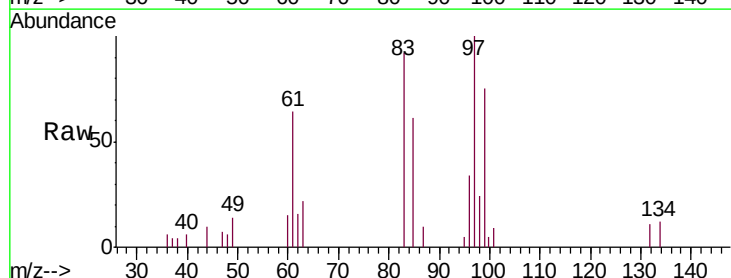
Ion Ratio Lower Upper

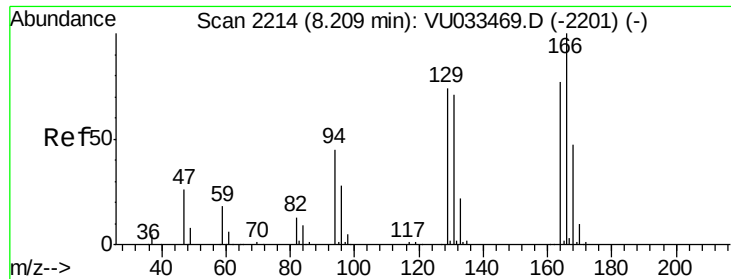
97 100

99 74.6 43.3 80.5

83 92.0 61.3 113.9

85 61.2 41.0 76.2





#46

Tetrachloroethene

Concen: 2.184 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

Tgt Ion:164 Resp: 3972

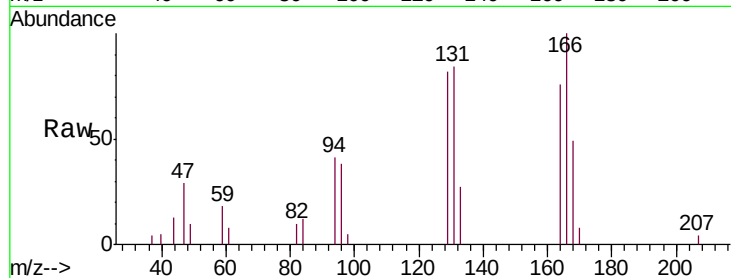
Ion Ratio Lower Upper

164 100

129 107.4 66.6 123.8

131 110.2 63.9 118.7

166 130.8 90.5 168.1

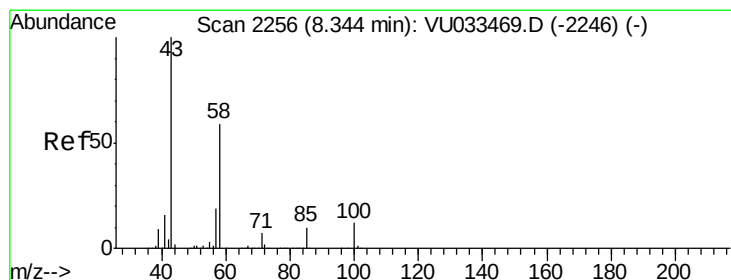
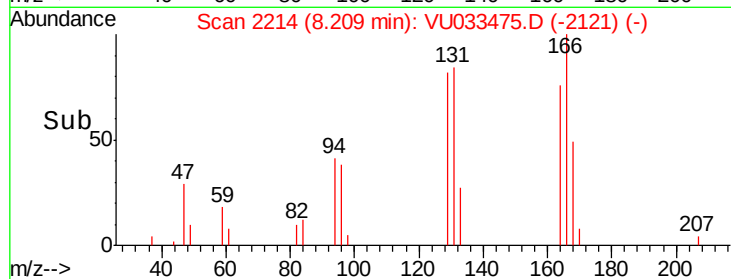
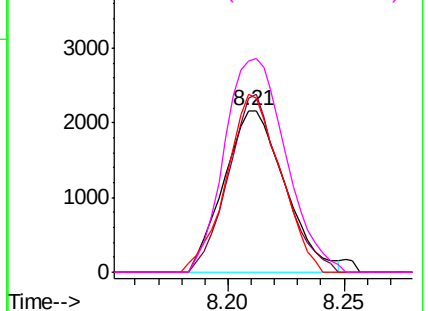


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.918 ug/L

RT: 8.35 min Scan# 2258

Delta R.T. 0.01 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Tgt Ion: 43 Resp: 12183

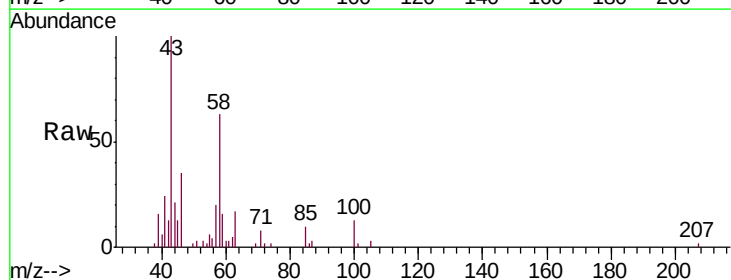
Ion Ratio Lower Upper

43 100

58 62.1 46.6 69.8

57 14.2 16.0 24.0#

100 14.2 9.5 14.3

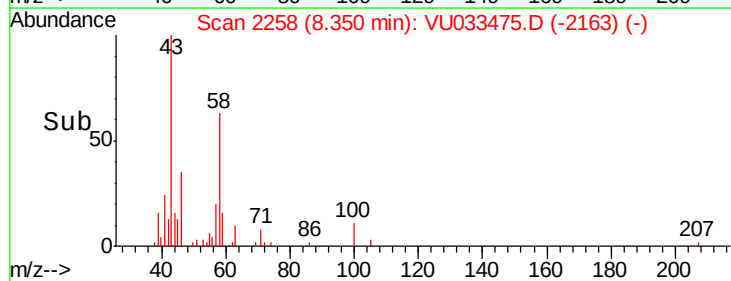
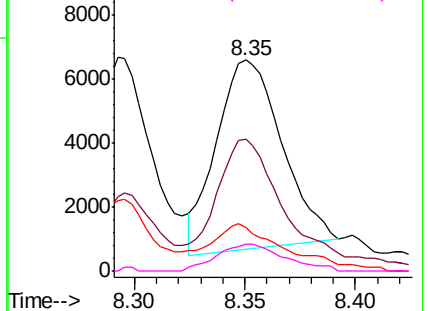


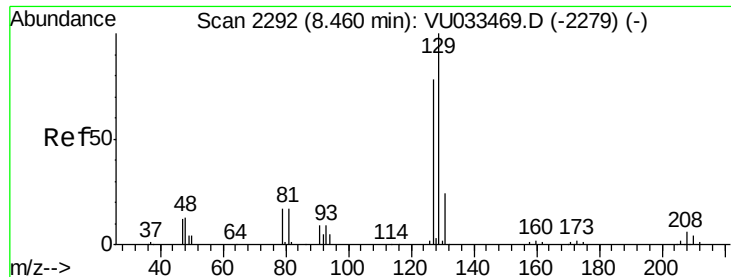
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 2.297 ug/L

RT: 8.46 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

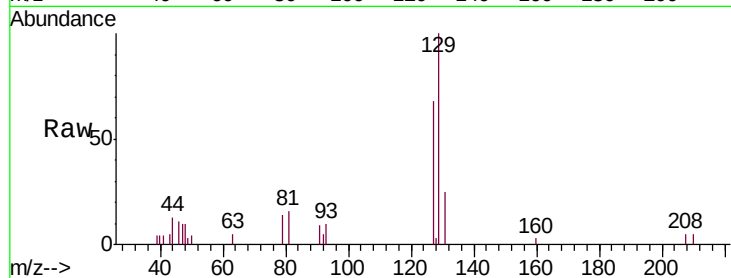
MDL01

Tgt Ion:129 Resp: 5661

Ion Ratio Lower Upper

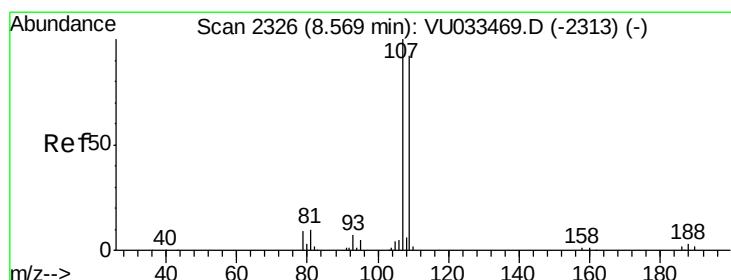
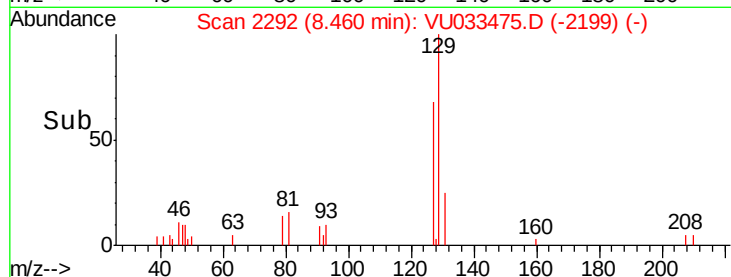
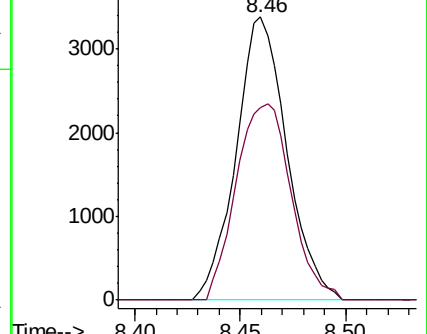
129 100

127 67.9 54.5 101.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 2.263 ug/L

RT: 8.57 min Scan# 2326

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

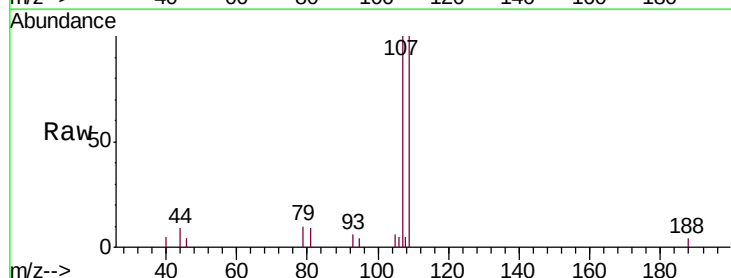
Tgt Ion:107 Resp: 5403

Ion Ratio Lower Upper

107 100

109 100.3 64.7 120.1

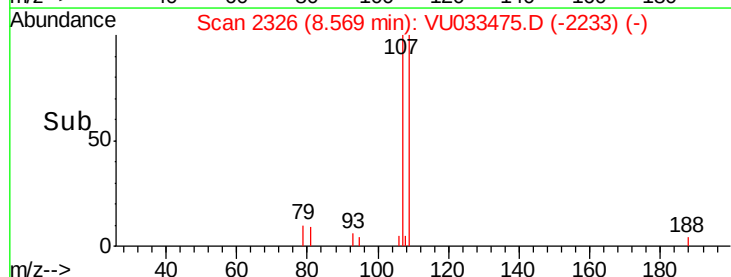
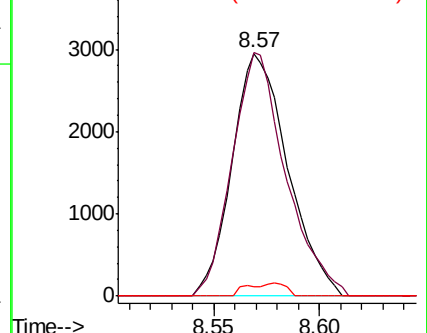
188 3.9 2.8 4.2

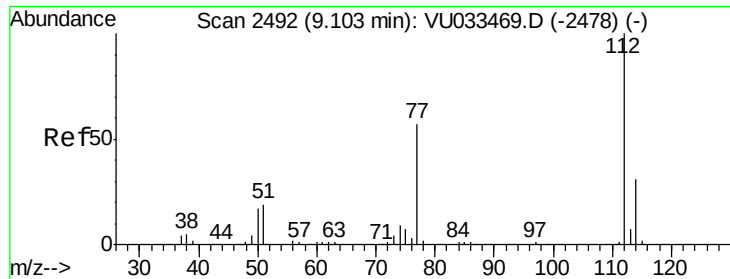


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

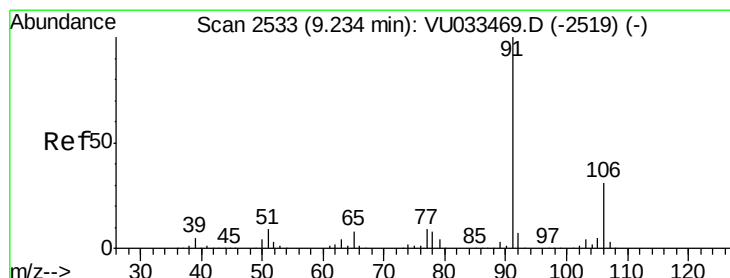
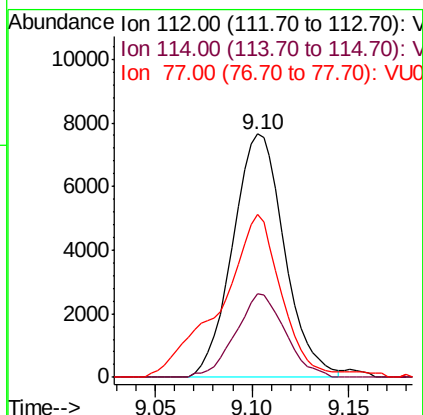
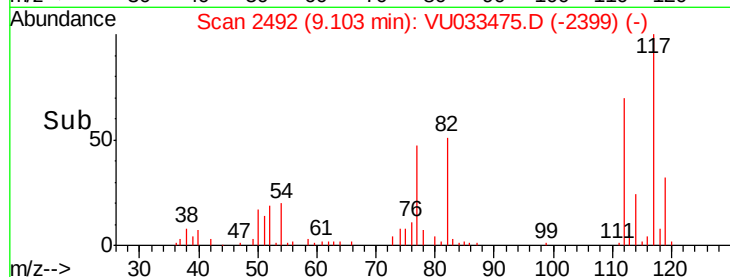
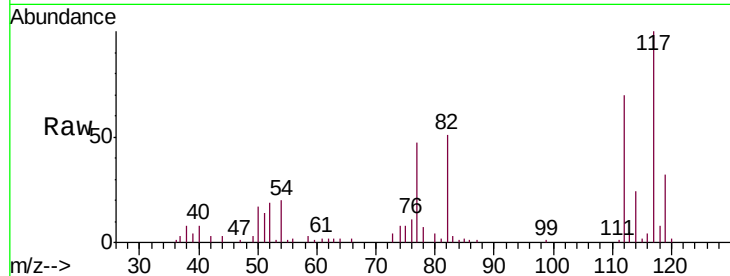




#51
Chlorobenzene
Concen: 2.320 ug/L
RT: 9.10 min Scan# 2492
Delta R.T. 0.00 min
Lab File: VU033475.D
Acq: 29 Jul 2019 18:04

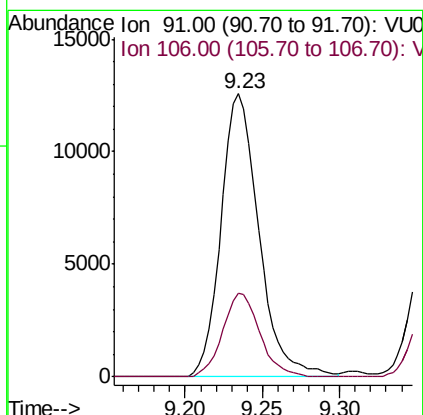
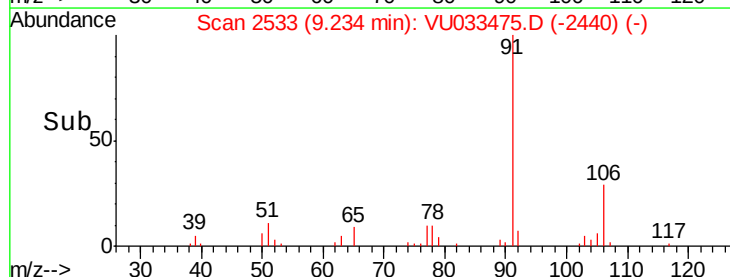
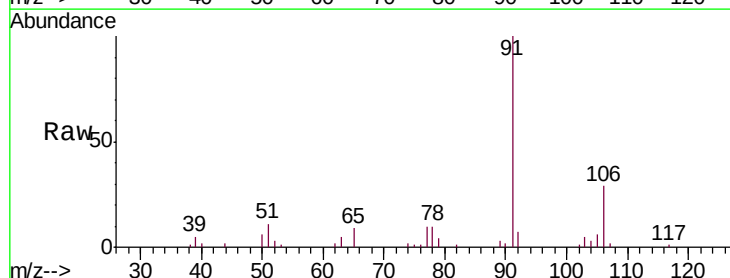
Instrument :
MSVOA_U
ClientSampled :
MDL01

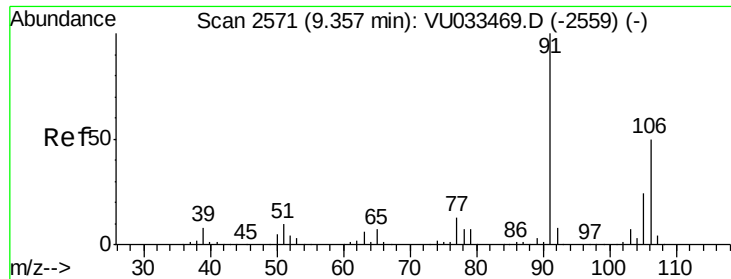
Tgt Ion: 112 Resp: 14230
Ion Ratio Lower Upper
112 100
114 34.2 21.9 40.7
77 66.9 46.1 69.1



#52
Ethylbenzene
Concen: 2.139 ug/L
RT: 9.23 min Scan# 2533
Delta R.T. 0.00 min
Lab File: VU033475.D
Acq: 29 Jul 2019 18:04

Tgt Ion: 91 Resp: 21406
Ion Ratio Lower Upper
91 100
106 29.5 21.6 40.2





#53

m,p-Xylene

Concen: 1.946 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

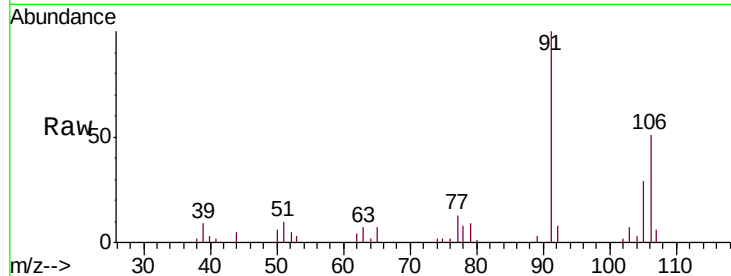
MDL01

Tgt Ion:106 Resp: 7325

Ion Ratio Lower Upper

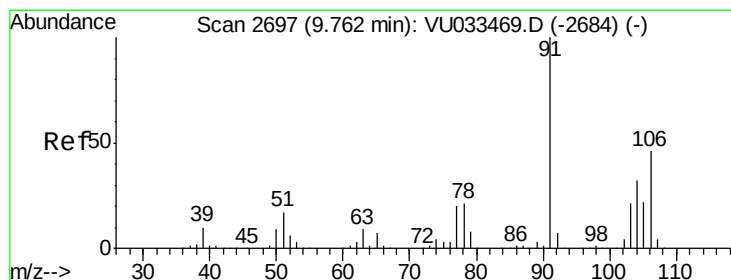
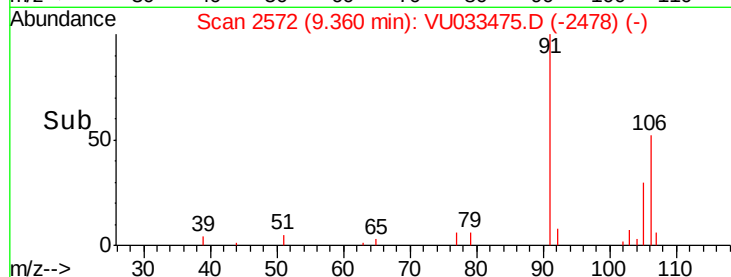
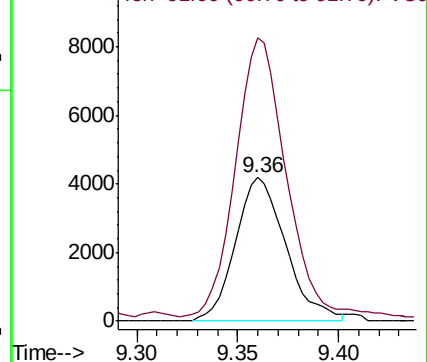
106 100

91 197.6 140.7 261.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 2.063 ug/L

RT: 9.77 min Scan# 2698

Delta R.T. 0.00 min

Lab File: VU033475.D

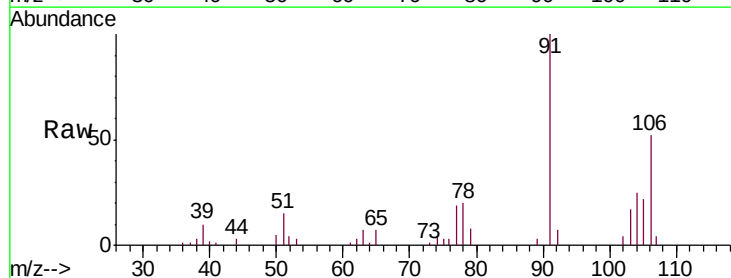
Acq: 29 Jul 2019 18:04

Tgt Ion:106 Resp: 7611

Ion Ratio Lower Upper

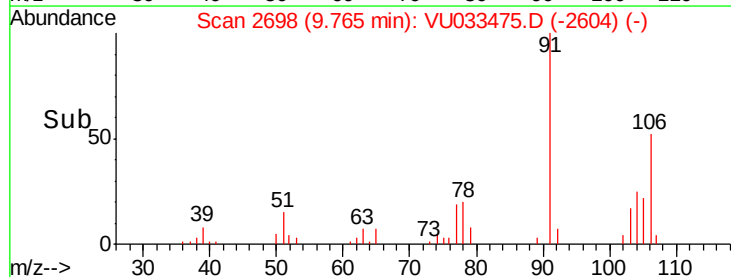
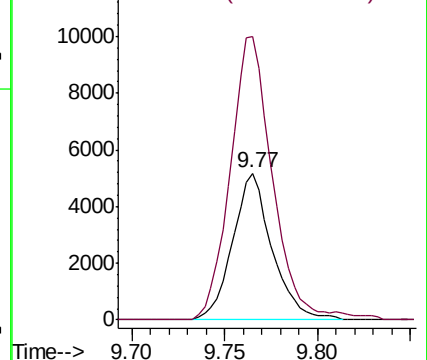
106 100

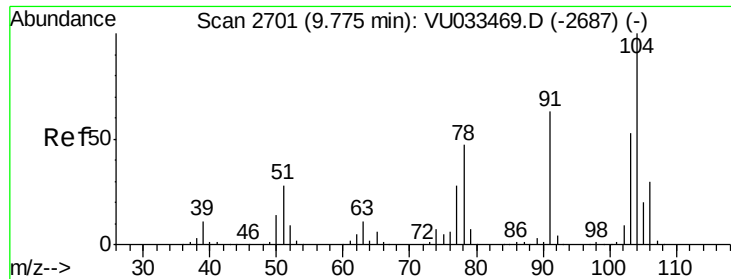
91 193.2 151.1 280.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#55

Styrene

Concen: 1.732 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

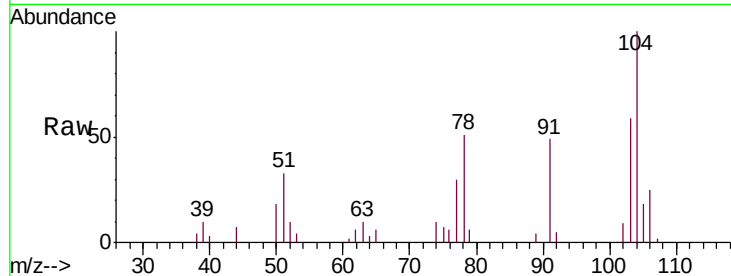
MDL01

Tgt Ion:104 Resp: 10844

Ion Ratio Lower Upper

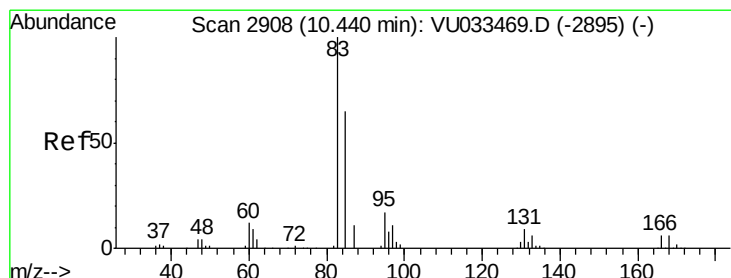
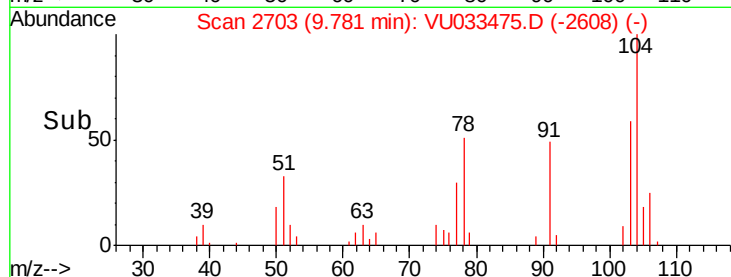
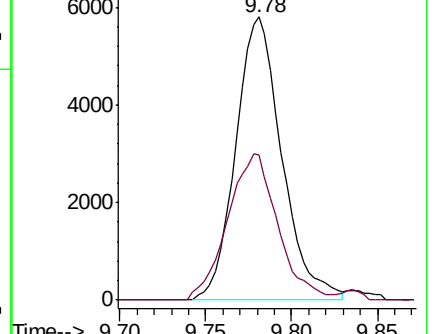
104 100

78 51.4 32.6 60.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0



#57

1,1,2,2-Tetrachloroethane

Concen: 2.367 ug/L

RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

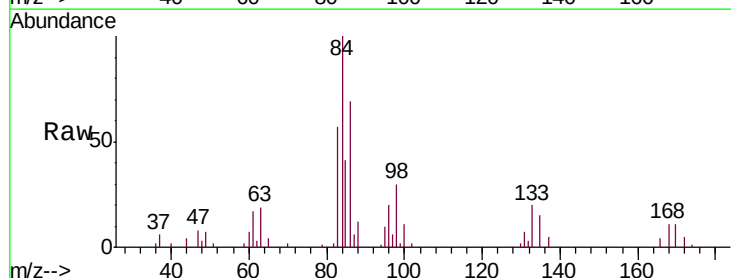
Tgt Ion: 83 Resp: 9260

Ion Ratio Lower Upper

83 100

85 71.5 45.9 85.3

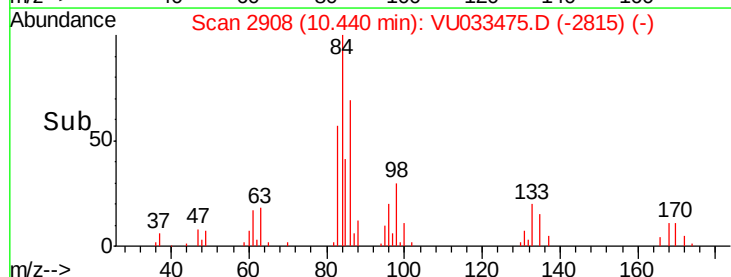
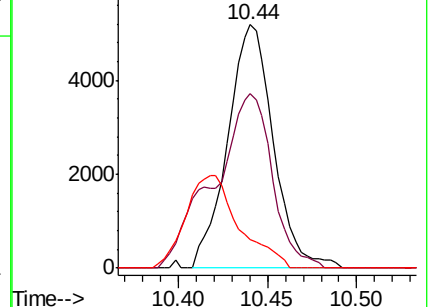
131 11.8 7.8 11.8#

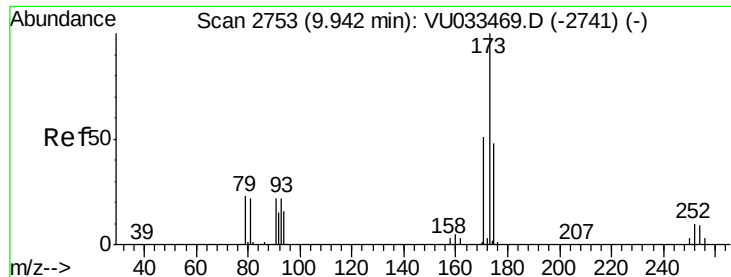


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 131.00 (130.70 to 131.70): V





#59

Bromoform

Concen: 2.530 ug/L

RT: 9.95 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

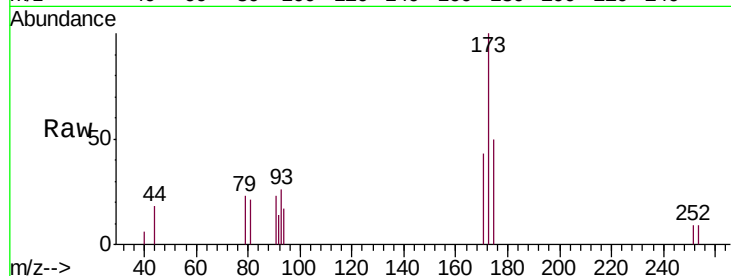
Tgt Ion:173 Resp: 4159

Ion Ratio Lower Upper

173 100

175 46.6 38.1 57.1

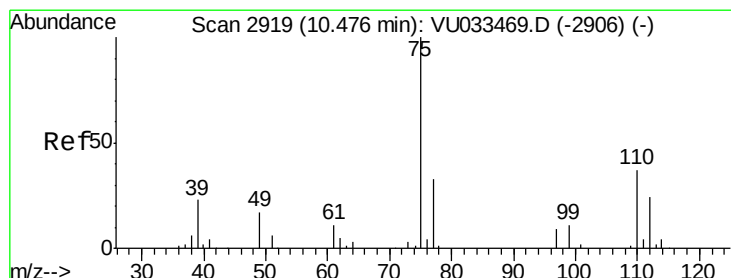
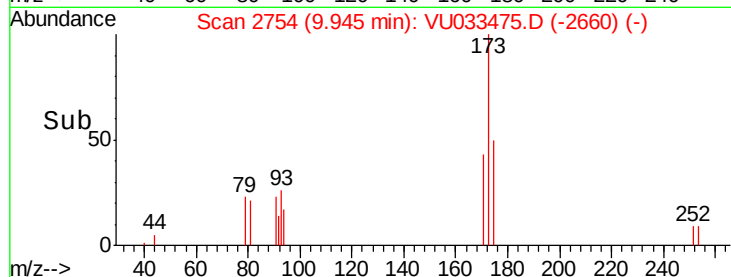
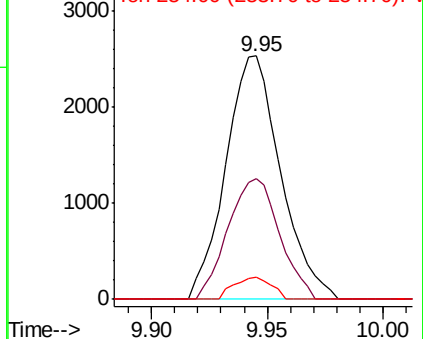
254 6.3 7.3 10.9#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#60

1,2,3-Trichloropropane

Concen: 2.632 ug/L

RT: 10.48 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

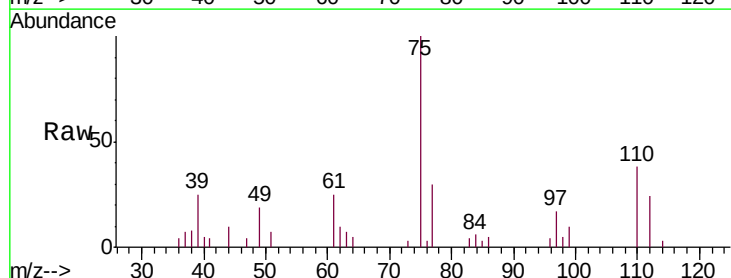
Tgt Ion: 75 Resp: 7046

Ion Ratio Lower Upper

75 100

77 33.9 25.9 38.9

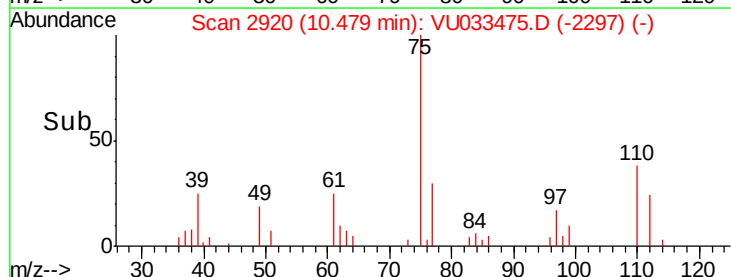
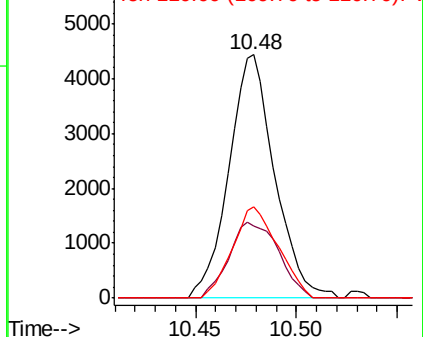
110 37.4 30.2 45.4

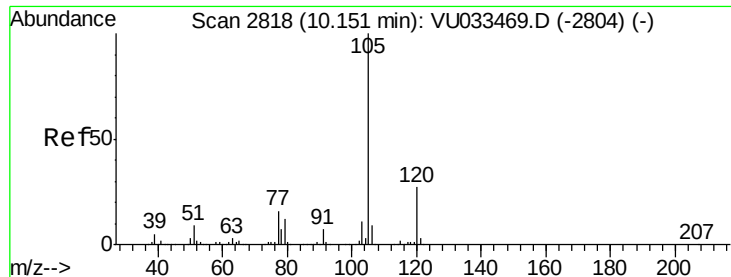


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V





#61

Isopropylbenzene

Concen: 2.222 ug/L

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033475.D

Acq: 29 Jul 2019 18:04

Instrument :

MSVOA_U

ClientSampleId :

MDL01

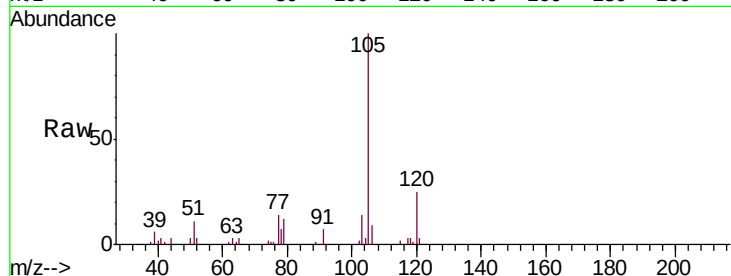
Tgt Ion:105 Resp: 18703

Ion Ratio Lower Upper

105 100

120 24.1 21.7 32.5

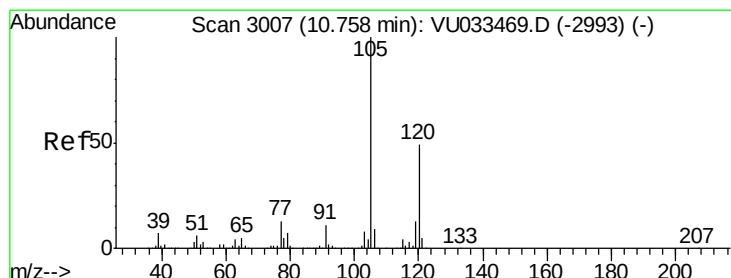
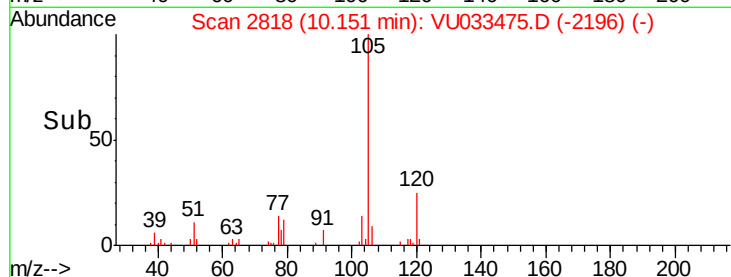
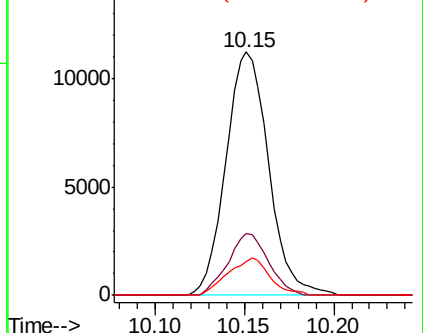
77 15.0 12.6 19.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU



#62

1,3,5-Trimethylbenzene

Concen: 1.902 ug/L

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033475.D

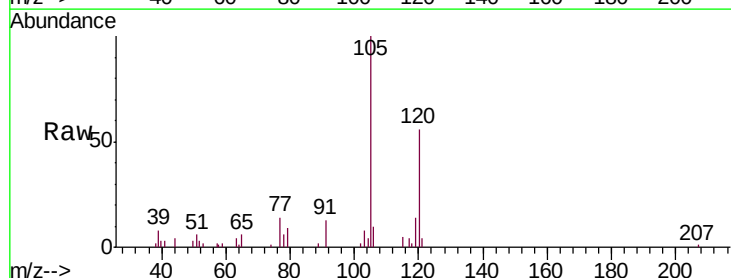
Acq: 29 Jul 2019 18:04

Tgt Ion:105 Resp: 12973

Ion Ratio Lower Upper

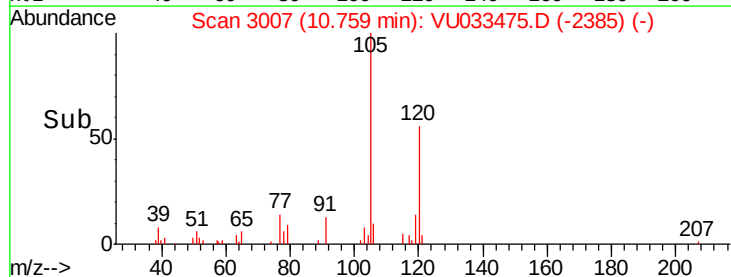
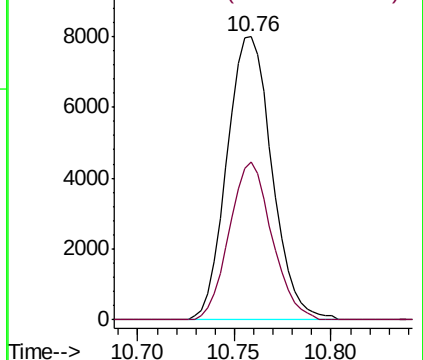
105 100

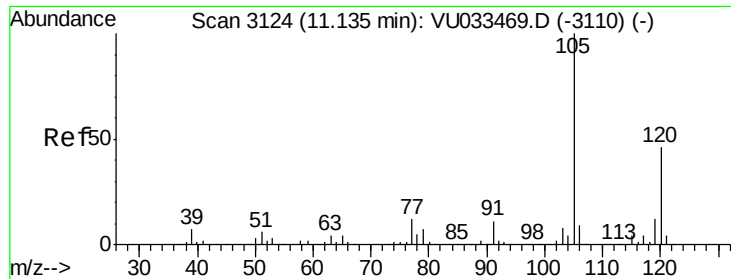
120 52.6 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

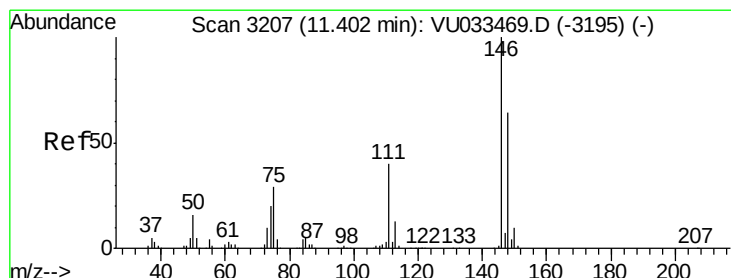
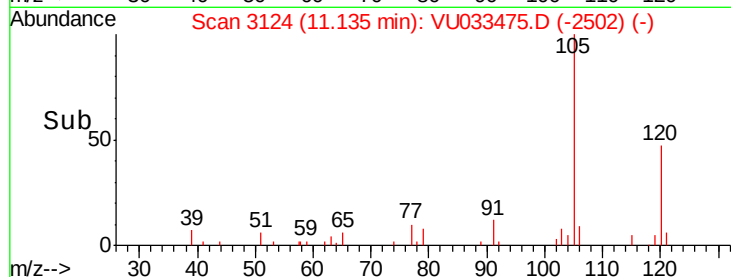
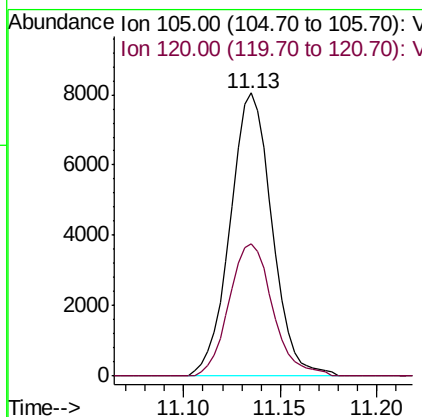
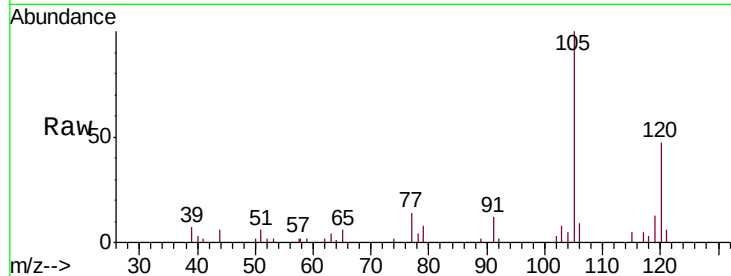




#63
 1,2,4-Trimethylbenzene
 Concen: 1.794 ug/L
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

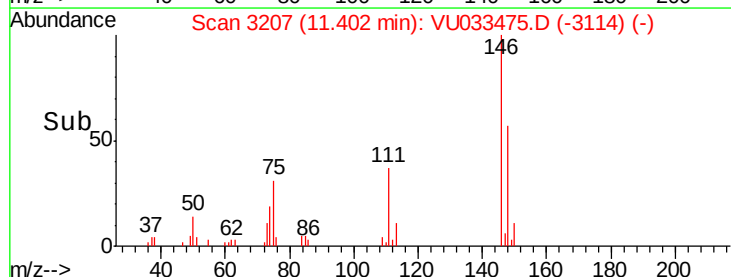
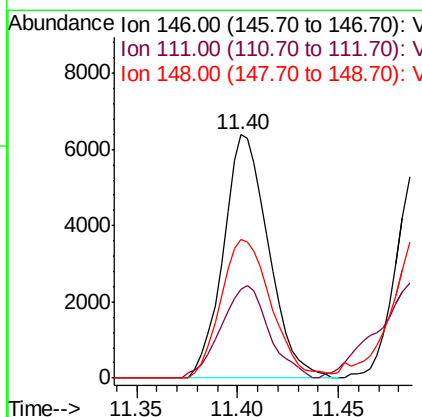
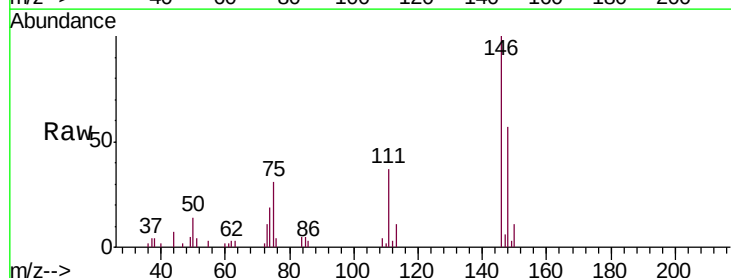
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

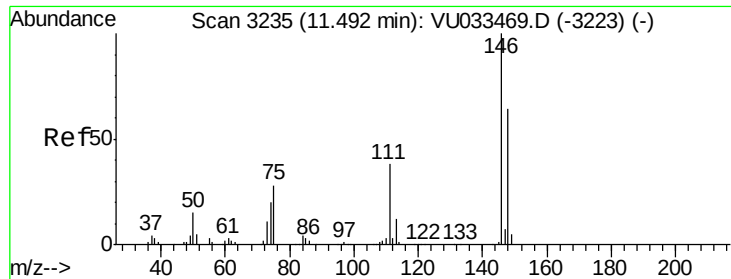
Tgt Ion:105 Resp: 12133
 Ion Ratio Lower Upper
 105 100
 120 48.7 36.6 55.0



#64
 1,3-Dichlorobenzene
 Concen: 2.328 ug/L
 RT: 11.40 min Scan# 3207
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion:146 Resp: 9988
 Ion Ratio Lower Upper
 146 100
 111 36.6 28.2 52.4
 148 56.8 44.4 82.5

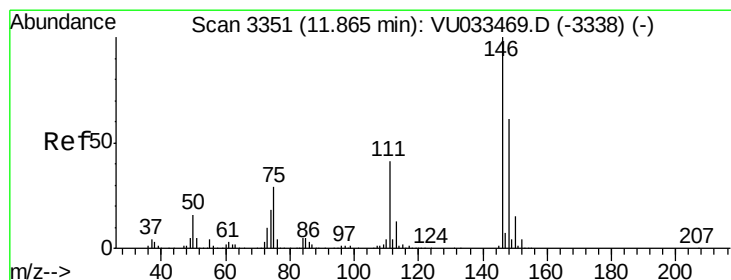
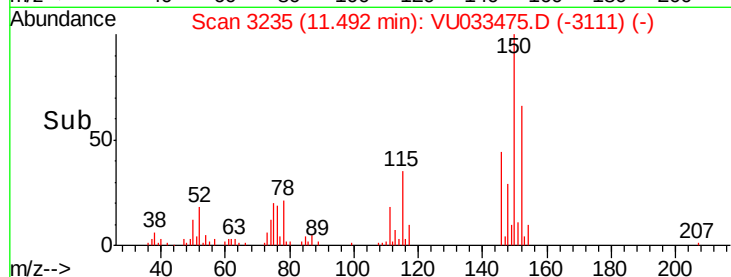
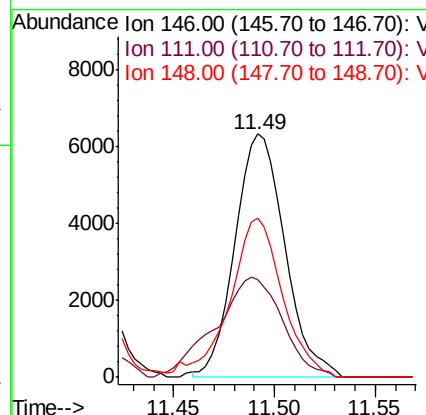
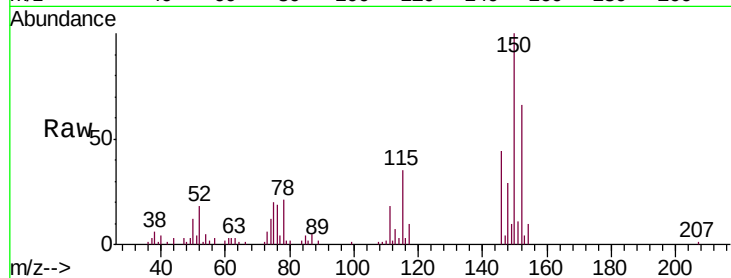




#65
 1,4-Dichlorobenzene
 Concen: 2.471 ug/L
 RT: 11.49 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

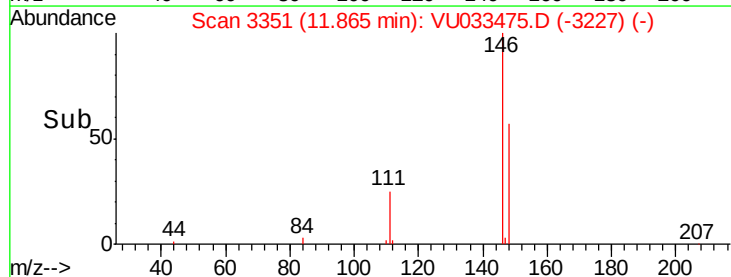
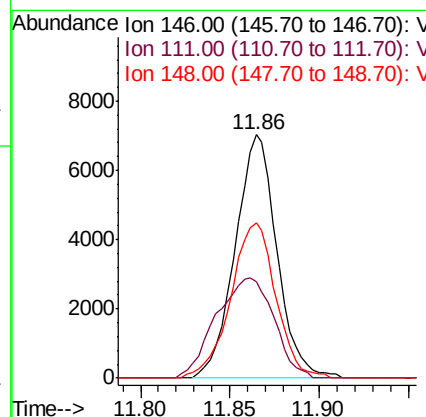
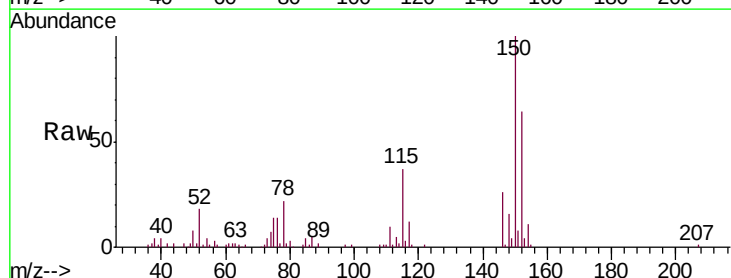
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

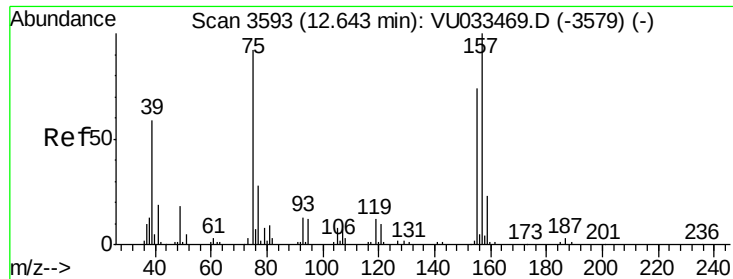
Tgt Ion:146 Resp: 10953
 Ion Ratio Lower Upper
 146 100
 111 40.0 27.0 50.2
 148 65.2 44.7 82.9



#67
 1,2-Dichlorobenzene
 Concen: 2.654 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion:146 Resp: 11411
 Ion Ratio Lower Upper
 146 100
 111 39.6 32.8 49.2
 148 63.6 49.2 73.8

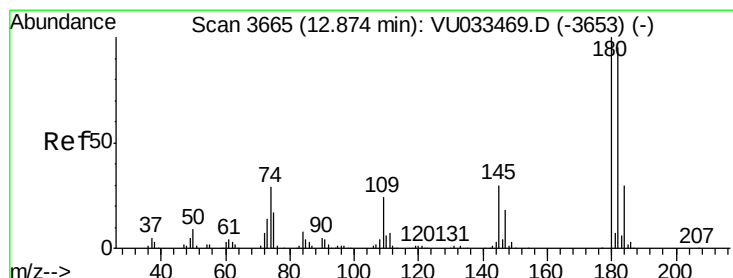
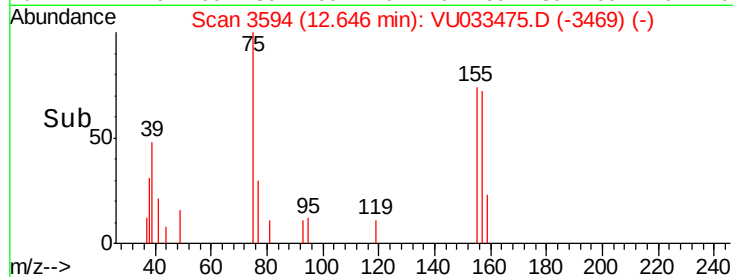
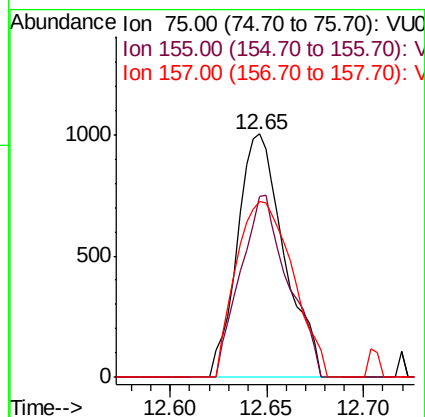
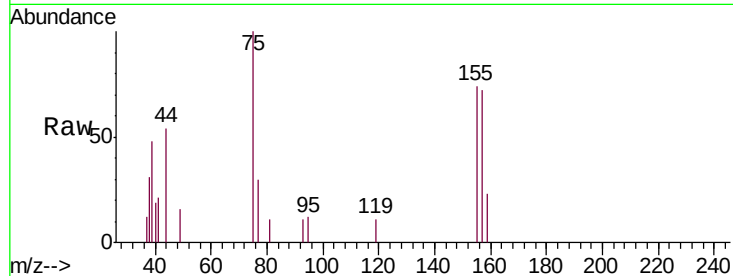




#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.256 ug/L
 RT: 12.65 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

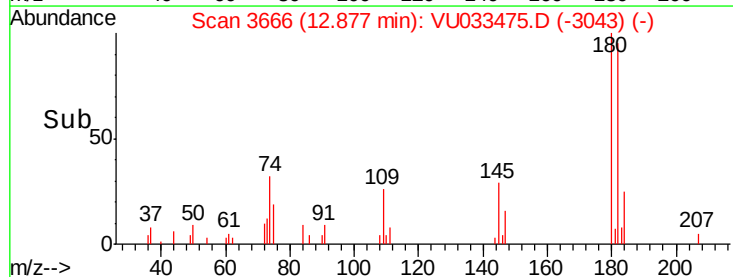
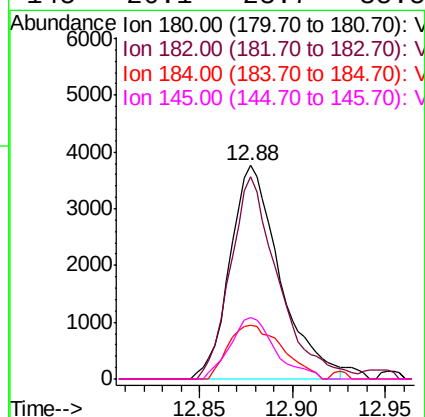
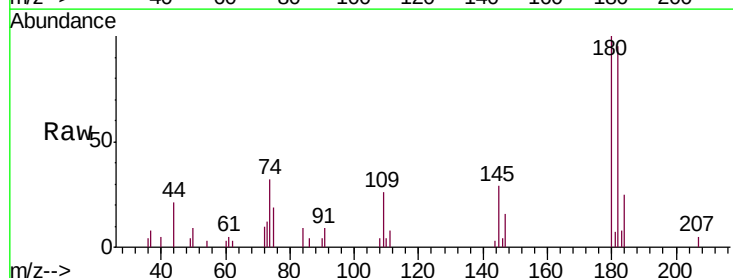
Instrument :
 MSVOA_U
 ClientSampled :
 MDL01

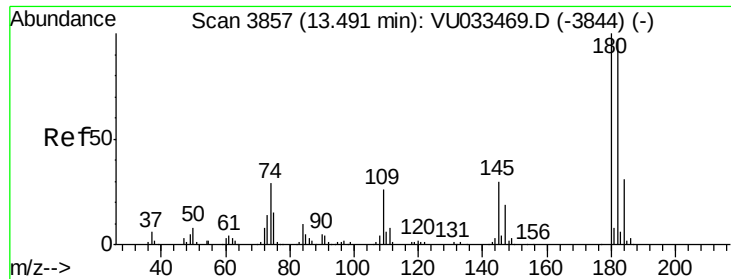
Tgt Ion: 75 Resp: 1679
 Ion Ratio Lower Upper
 75 100
 155 74.1 64.8 97.2
 157 72.3 87.1 130.7#



#69
 1,3,5-Trichlorobenzene
 Concen: 2.153 ug/L
 RT: 12.88 min Scan# 3666
 Delta R.T. 0.00 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion: 180 Resp: 7015
 Ion Ratio Lower Upper
 180 100
 182 91.2 76.2 114.4
 184 27.4 24.1 36.1
 145 26.1 23.7 35.5

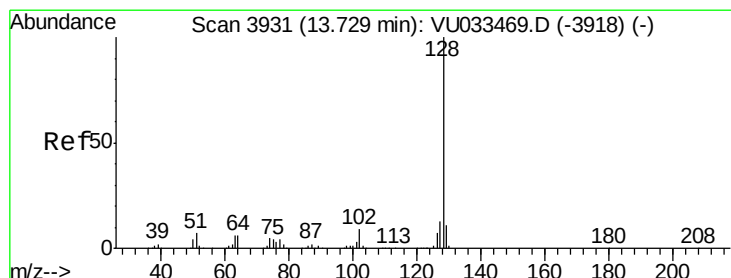
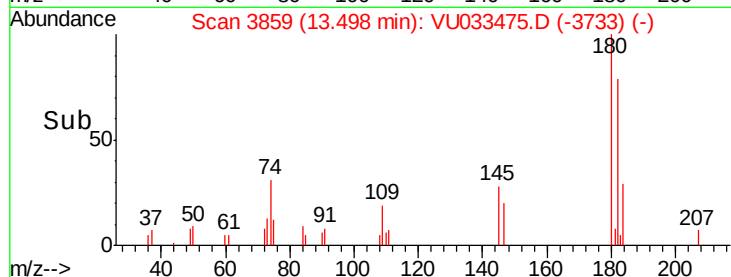
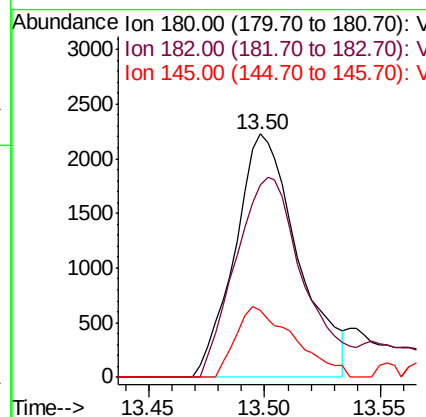
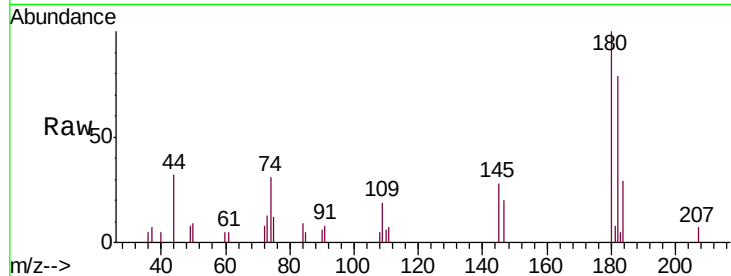




#70
 1,2,4-trichlorobenzene
 Concen: 1.553 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. 0.01 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

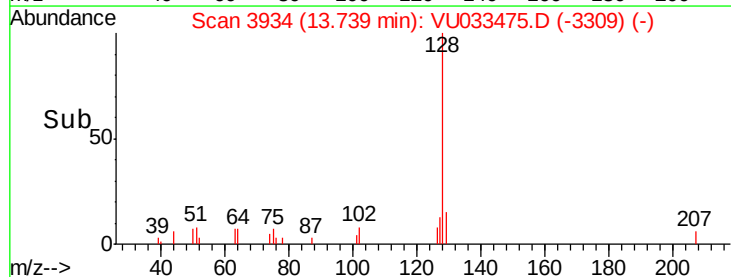
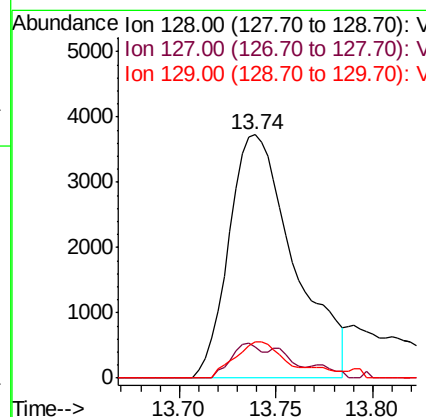
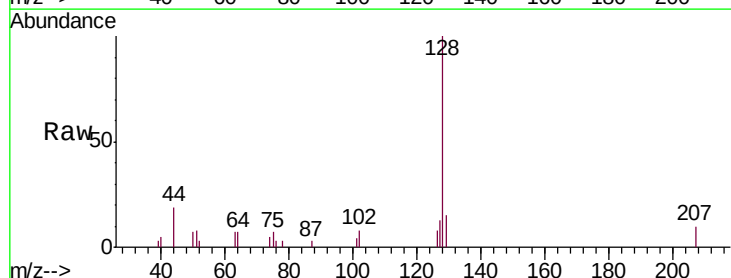
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

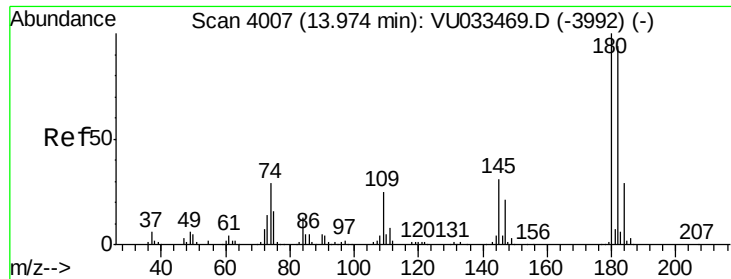
Tgt Ion:180 Resp: 4223
 Ion Ratio Lower Upper
 180 100
 182 89.4 77.5 116.3
 145 26.3 23.9 35.9



#71
 Naphthalene
 Concen: 1.109 ug/L
 RT: 13.74 min Scan# 3934
 Delta R.T. 0.01 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Tgt Ion:128 Resp: 8722
 Ion Ratio Lower Upper
 128 100
 127 7.3 10.8 16.2#
 129 11.8 8.7 13.1

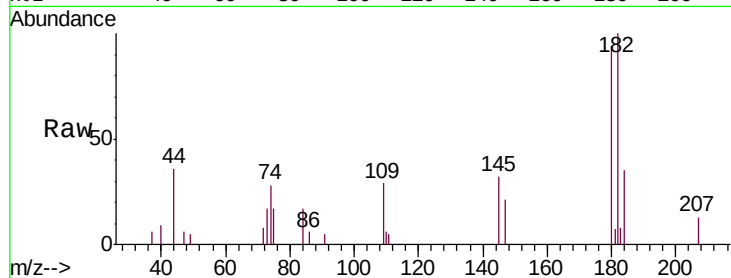




#72
 1,2,3-Trichlorobenzene
 Concen: 1.638 ug/L
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU033475.D
 Acq: 29 Jul 2019 18:04

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.4	114.6
145	28.5	24.9	37.3



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

