

Data File : VU033484.D
Acq On : 30 Jul 2019 11:01
Operator : JC/SP
Sample : MDL03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Quant Time: Jul 31 08:47:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	305279	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	311468	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	153783	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	118285	42.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.34%
7) Chloroethane-d5	1.67	69	102195	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.24%
11) 1,1-Dichloroethene-d2	2.26	63	185923	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.36%
21) 2-Butanone-d5	4.15	46	147375	92.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.78%
24) Chloroform-d	4.62	84	182259	43.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.86%
26) 1,2-Dichloroethane-d4	5.29	65	126082	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.22%
32) Benzene-d6	5.32	84	388780	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.31	67	120739	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.10%
41) Toluene-d8	7.55	98	352353	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%
43) trans-1,3-Dichloropropene-	7.83	79	56904	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.80%
47) 2-Hexanone-d5	8.30	63	105080	97.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.54%
56) 1,1,2,2-Tetrachloroethane-	10.41	84	184485	46.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.70%
66) 1,2-Dichlorobenzene-d4	11.85	152	144740	48.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.96%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	8573	2.815 ug/L	99
3) Chloromethane	1.32	50	10426	3.428 ug/L #	36
5) Vinyl chloride	1.40	62	9662	2.778 ug/L #	73
6) Bromomethane	1.62	94	5970	2.456 ug/L	98
8) Chloroethane	1.69	64	5727	2.685 ug/L	97
9) Trichlorofluoromethane	1.87	101	12083	2.649 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	8434	3.680 ug/L	90
12) 1,1-Dichloroethene	2.27	96	8245	3.692 ug/L #	1
13) Acetone	2.31	43	10507	6.674 ug/L	96
14) Carbon disulfide	2.46	76	18102	2.720 ug/L	98
15) Methyl Acetate	2.60	43	6819	2.701 ug/L	97
16) Methylene chloride	2.68	84	7244	2.952 ug/L	91
17) trans-1,2-Dichloroethene	2.96	96	5806	2.617 ug/L	92
18) Methyl tert-butyl Ether	2.98	73	16312	2.492 ug/L	99
19) 1,1-Dichloroethane	3.42	63	11299	2.705 ug/L	93
20) cis-1,2-Dichloroethene	4.20	96	6565	2.681 ug/L	83
22) 2-Butanone	4.25	43	9540	5.100 ug/L	75

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

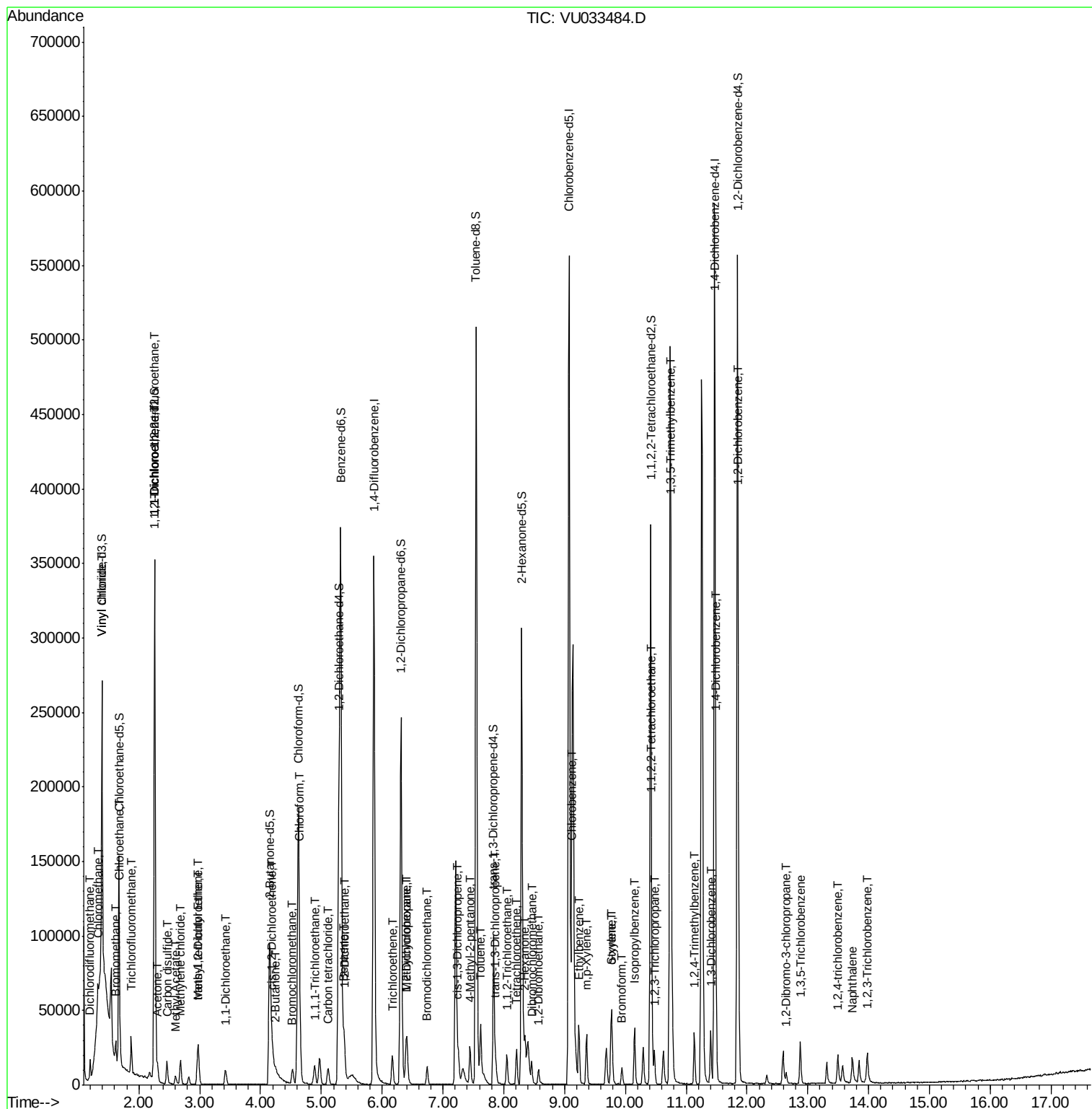
23) Bromochloromethane	4.53	128	3466	2.665	ug/L	87
25) Chloroform	4.65	83	22595	5.102	ug/L	97
27) 1,2-Dichloroethane	5.39	62	9867	2.869	ug/L #	92
30) 1,1,1-Trichloroethane	4.89	97	9842	2.654	ug/L	99
31) Carbon tetrachloride	5.12	117	8309	2.517	ug/L	92
33) Benzene	5.37	78	25262	2.714	ug/L	100
34) Trichloroethene	6.17	95	6653	2.743	ug/L	96
35) Methylcyclohexane	6.40	83	9048	2.453	ug/L	99
37) 1,2-Dichloropropane	6.41	63	6755	2.698	ug/L #	97
38) Bromodichloromethane	6.74	83	8873	2.692	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	8776	2.351	ug/L #	81
40) 4-Methyl-2-pentanone	7.45	43	16733	5.071	ug/L	98
42) Toluene	7.62	91	28058	2.801	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	11878	3.505	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	6363	2.665	ug/L	98
46) Tetrachloroethene	8.21	164	5221	2.645	ug/L	96
48) 2-Hexanone	8.35	43	18384	6.839	ug/L #	90
49) Dibromochloromethane	8.46	129	7220	2.700	ug/L	97
50) 1,2-Dibromoethane	8.57	107	7025	2.712	ug/L	95
51) Chlorobenzene	9.11	112	19908	2.991	ug/L	98
52) Ethylbenzene	9.24	91	28211	2.598	ug/L	99
53) m,p-Xylene	9.36	106	9479	2.321	ug/L	96
54) o-xylene	9.76	106	9622	2.403	ug/L	95
55) Styrene	9.78	104	15437	2.272	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.44	83	12734	3.000	ug/L #	96
59) Bromoform	9.95	173	5324	2.768	ug/L	98
60) 1,2,3-Trichloropropane	10.48	75	9153	2.921	ug/L	98
61) Isopropylbenzene	10.15	105	23942	2.431	ug/L	98
62) 1,3,5-Trimethylbenzene	10.76	105	22004	2.757	ug/L	98
63) 1,2,4-Trimethylbenzene	11.13	105	18642	2.355	ug/L	97
64) 1,3-Dichlorobenzene	11.40	146	14010	2.790	ug/L	92
65) 1,4-Dichlorobenzene	11.49	146	14037	2.706	ug/L	93
67) 1,2-Dichlorobenzene	11.86	146	14882	2.958	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.64	75	3011	3.457	ug/L	84
69) 1,3,5-Trichlorobenzene	12.88	180	10283	2.697	ug/L	98
70) 1,2,4-trichlorobenzene	13.49	180	7570	2.379	ug/L	96
71) Naphthalene	13.74	128	18695	2.032	ug/L	98
72) 1,2,3-Trichlorobenzene	13.98	180	8536	2.561	ug/L	96

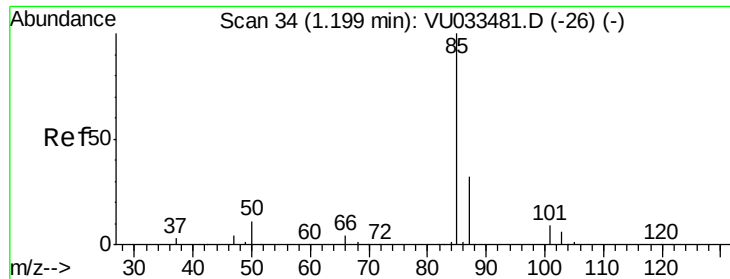
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.815 ug/L

RT: 1.20 min Scan# 34

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

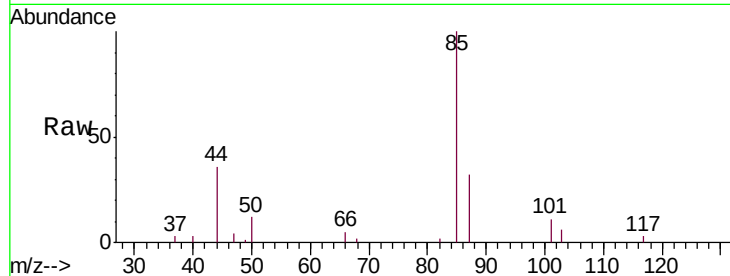
MDL03

Tgt Ion: 85 Resp: 8573

Ion Ratio Lower Upper

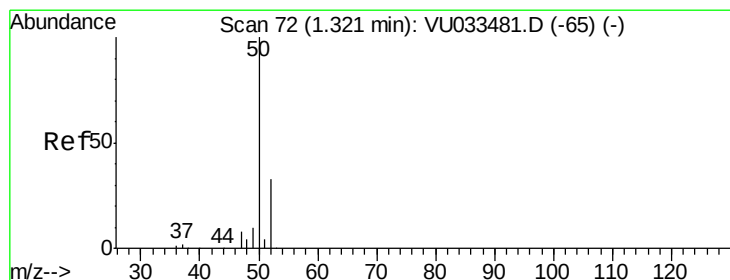
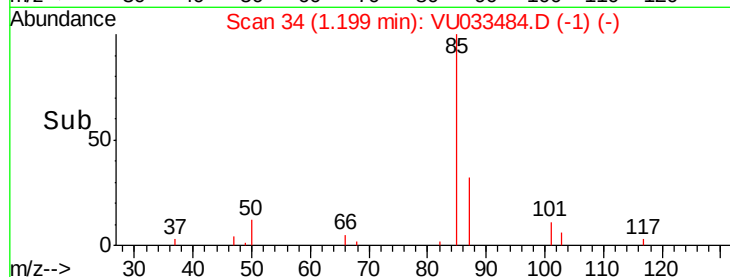
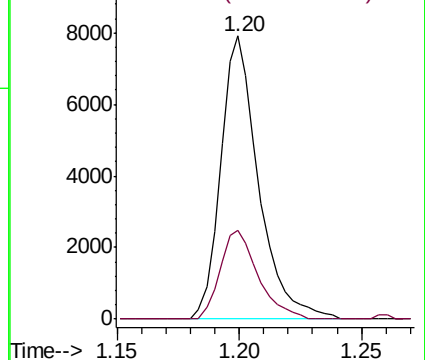
85 100

87 31.3 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#3

Chloromethane

Concen: 3.428 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033484.D

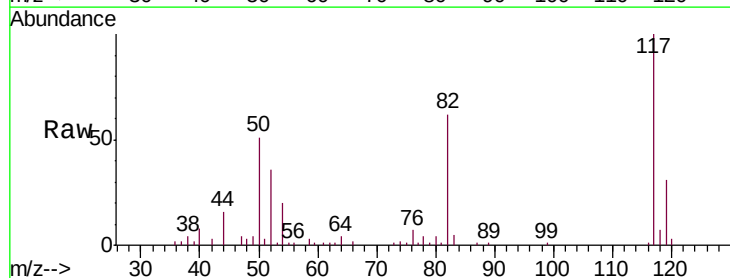
Acq: 30 Jul 2019 11:01

Tgt Ion: 50 Resp: 10426

Ion Ratio Lower Upper

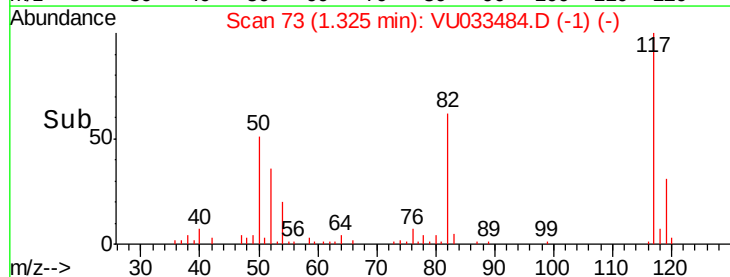
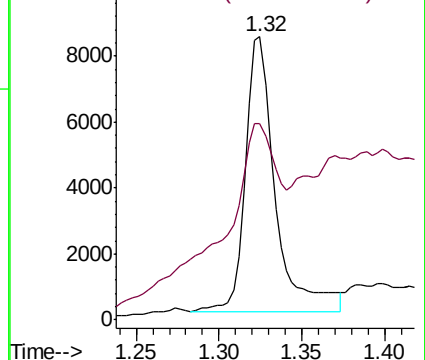
50 100

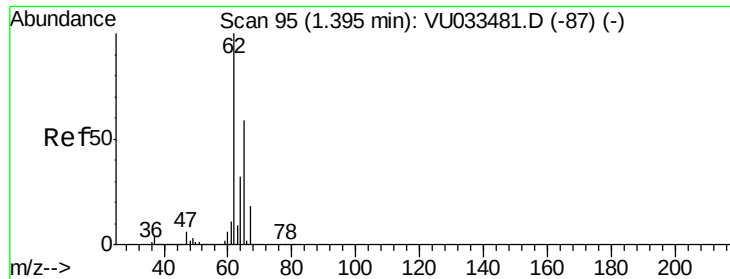
52 69.5 23.3 43.3#



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0





#5

Vinyl chloride

Concen: 2.778 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

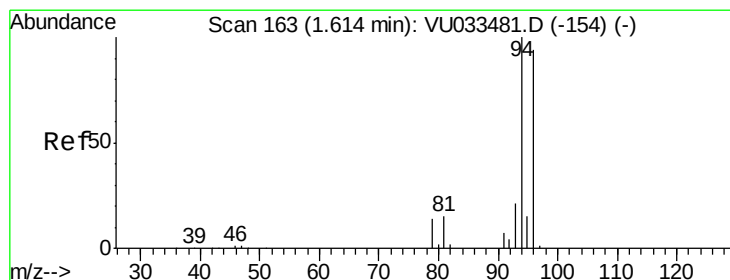
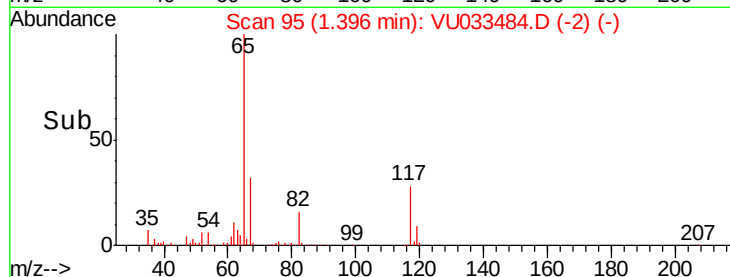
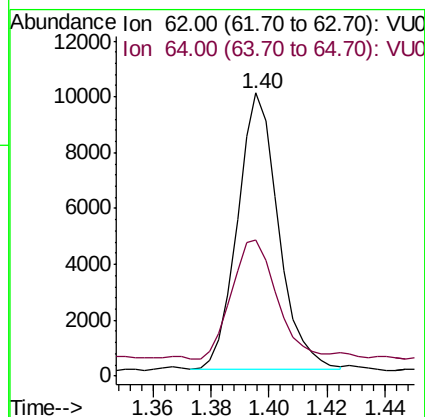
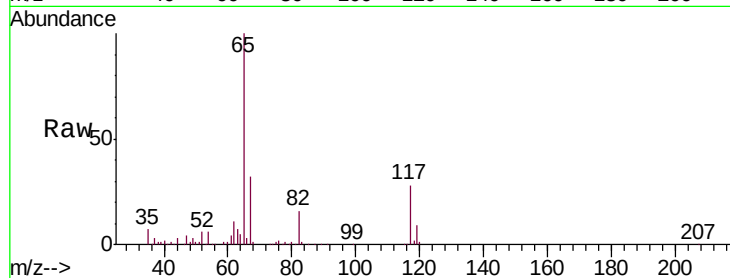
MDL03

Tgt Ion: 62 Resp: 9662

Ion Ratio Lower Upper

62 100

64 48.3 23.0 42.6#



#6

Bromomethane

Concen: 2.456 ug/L

RT: 1.62 min Scan# 165

Delta R.T. 0.01 min

Lab File: VU033484.D

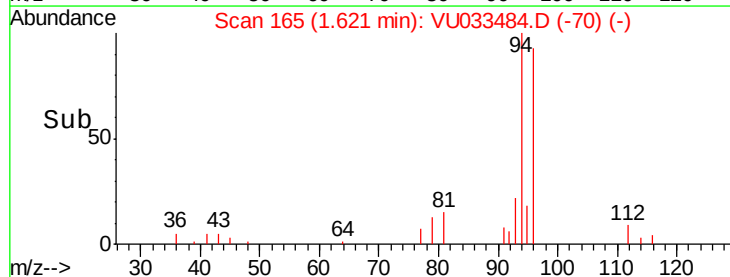
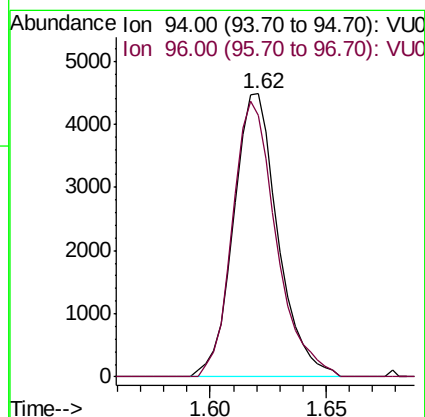
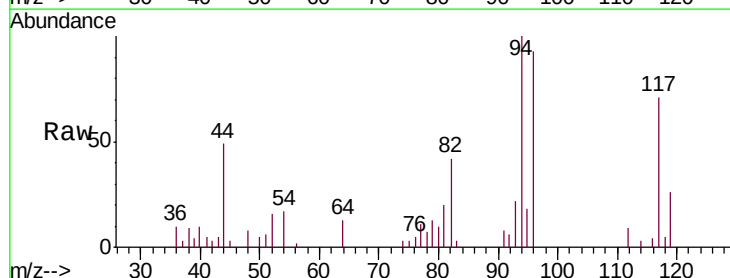
Acq: 30 Jul 2019 11:01

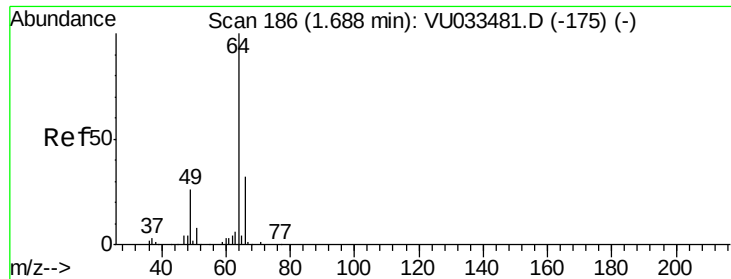
Tgt Ion: 94 Resp: 5970

Ion Ratio Lower Upper

94 100

96 92.6 66.2 123.0





#8

Chloroethane

Concen: 2.685 ug/L

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampled :

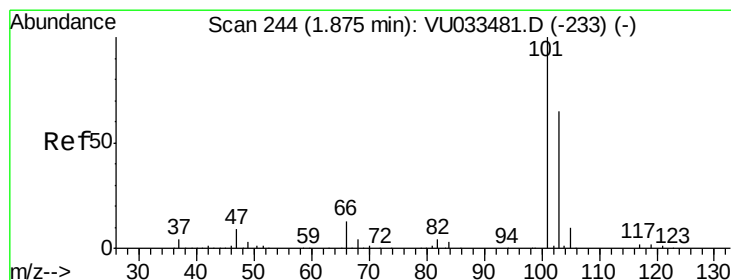
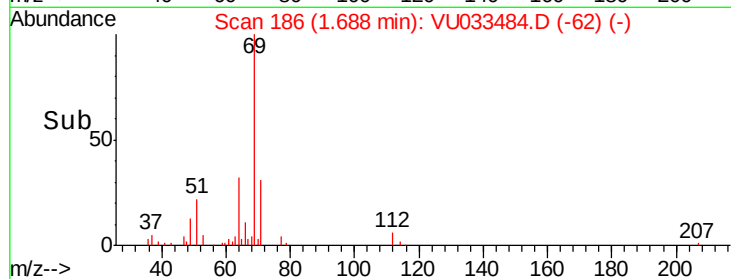
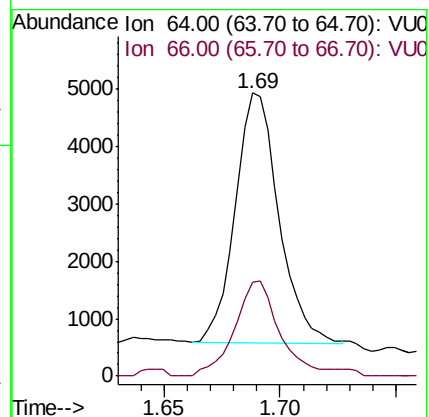
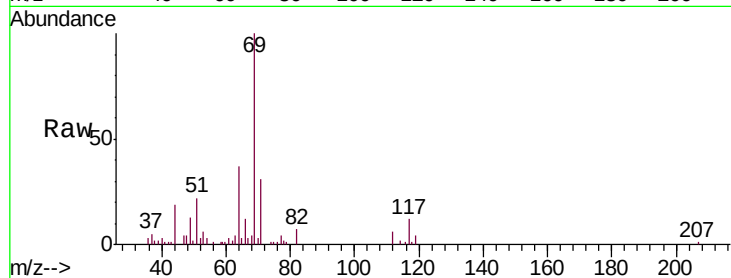
MDL03

Tgt Ion: 64 Resp: 5727

Ion Ratio Lower Upper

64 100

66 33.3 22.1 41.1



#9

Trichlorofluoromethane

Concen: 2.649 ug/L

RT: 1.87 min Scan# 244

Delta R.T. 0.00 min

Lab File: VU033484.D

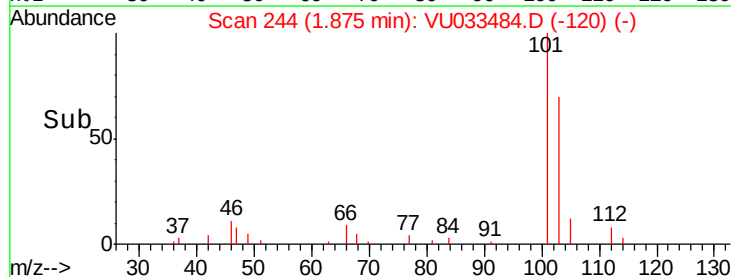
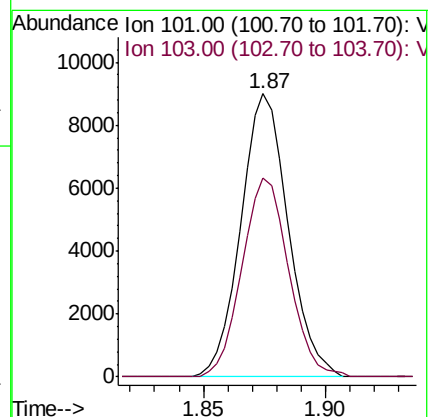
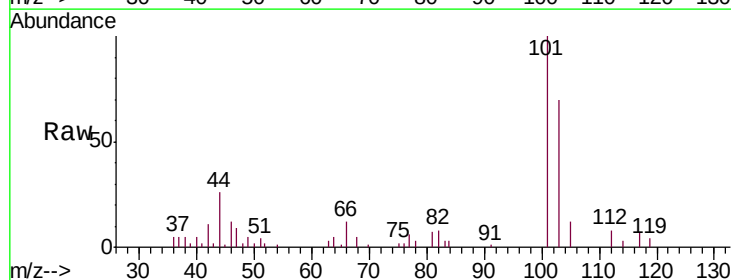
Acq: 30 Jul 2019 11:01

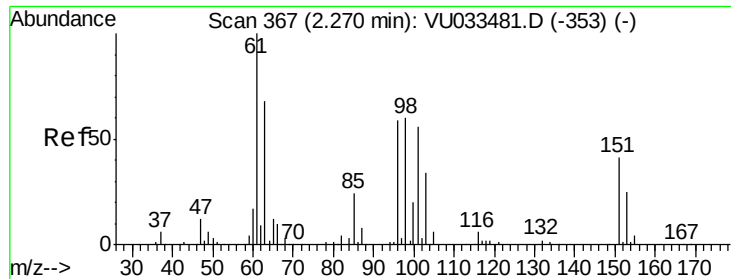
Tgt Ion: 101 Resp: 12083

Ion Ratio Lower Upper

101 100

103 69.4 51.2 76.8





#10

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

Concen: 3.680 ug/L

RT: 2.27 min Scan# 367

Delta R.T. 0.00 min

Lab File: VU033484.D

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Instrument :

MSVOA_U

ClientSampleId :

MDL03

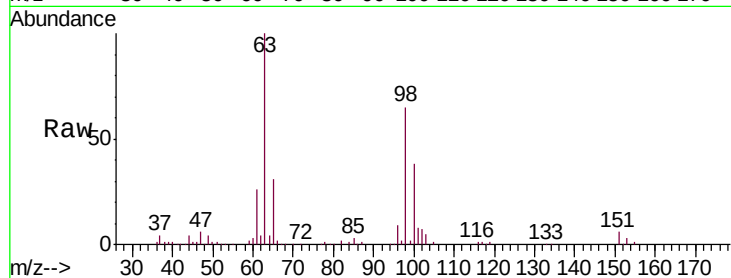
Tgt Ion:101 Resp: 8434

Ion Ratio Lower Upper

101 100

85 36.7 35.8 53.8

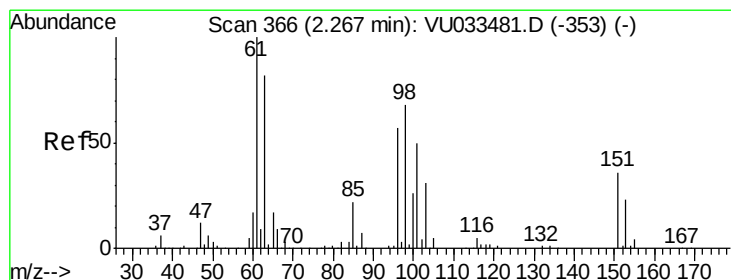
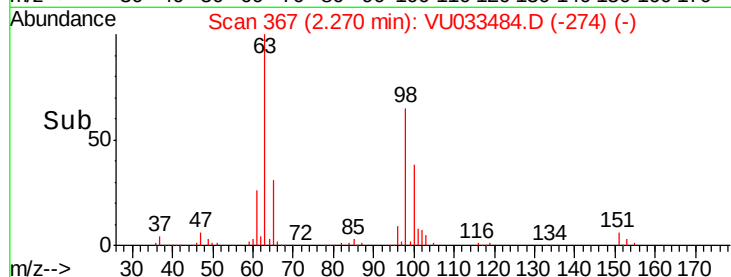
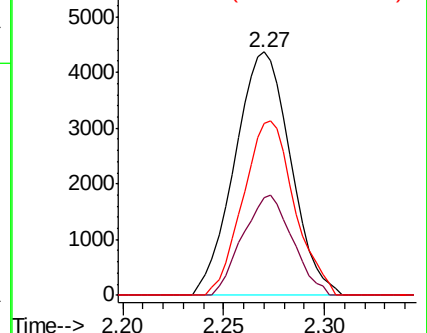
151 65.9 58.6 87.8



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: 3.692 ug/L

RT: 2.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: VU033484.D

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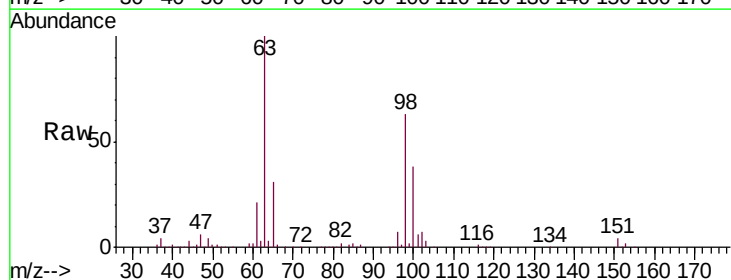
Tgt Ion: 96 Resp: 8245

Ion Ratio Lower Upper

96 100

61 319.7 124.1 230.5#

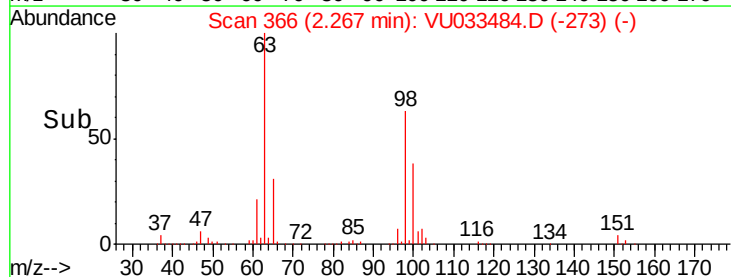
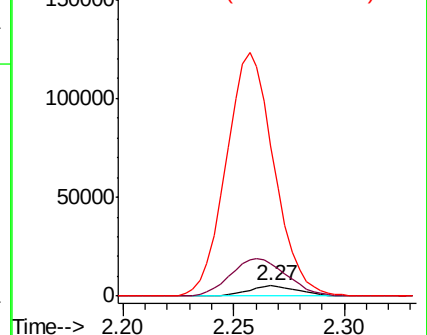
63 1495.5 101.8 189.2#

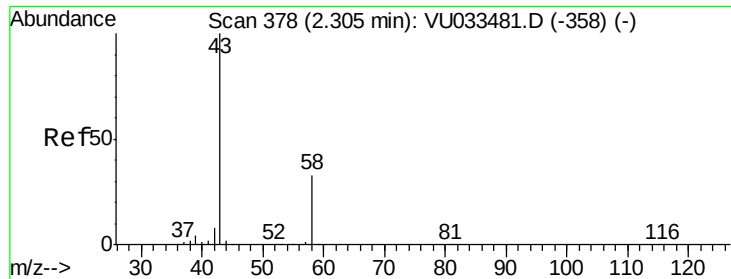


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 6.674 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

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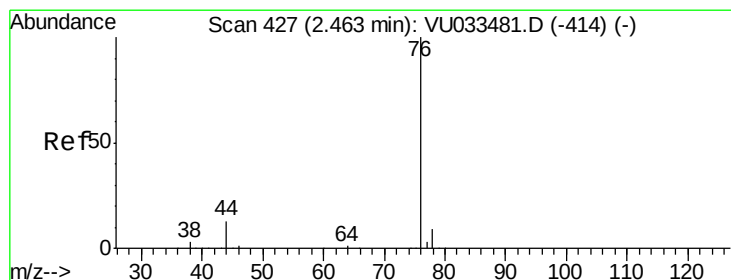
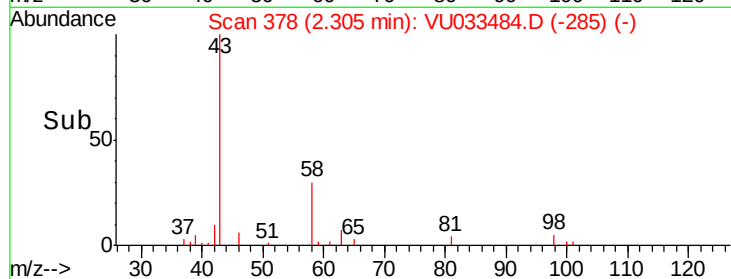
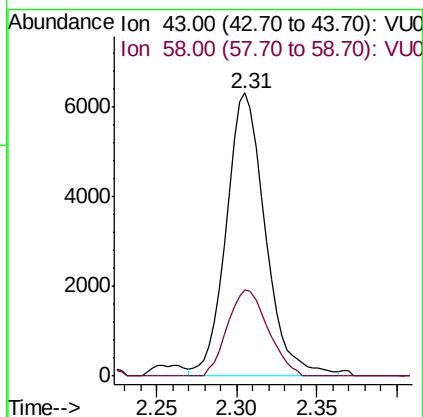
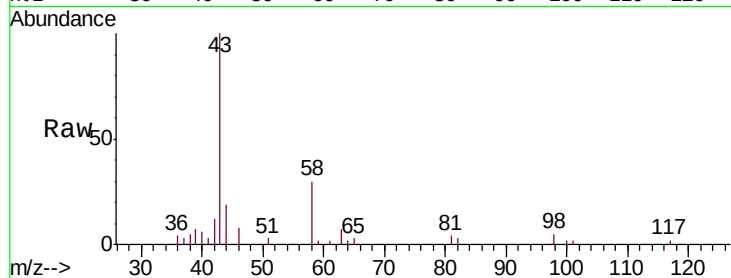
MDL03

Tgt Ion: 43 Resp: 10507

Ion Ratio Lower Upper

43 100

58 31.5 0.0 67.4



#14

Carbon disulfide

Concen: 2.720 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033484.D

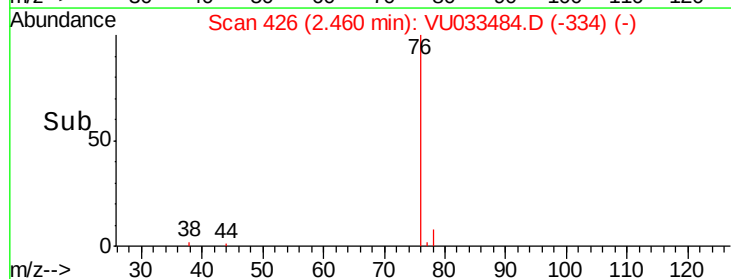
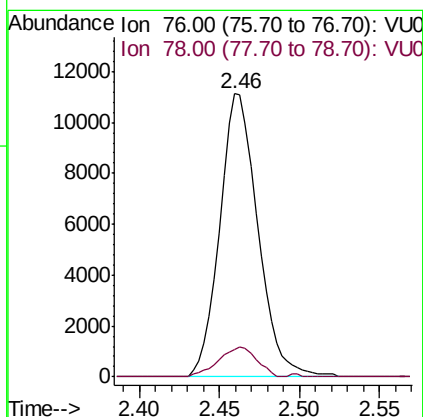
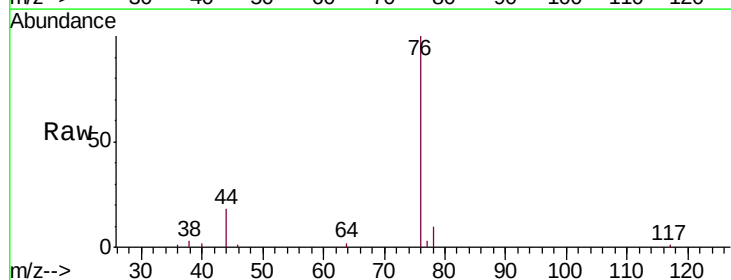
Acq: 30 Jul 2019 11:01

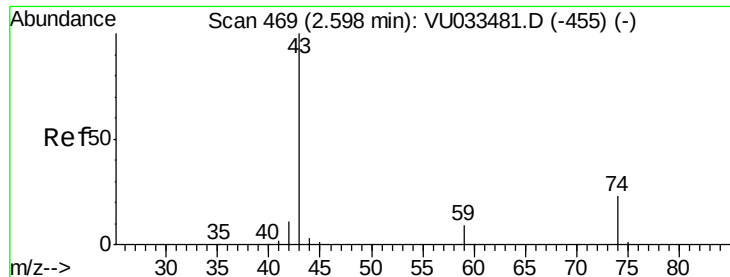
Tgt Ion: 76 Resp: 18102

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8

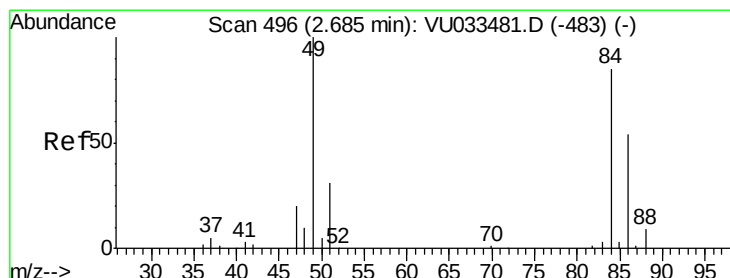
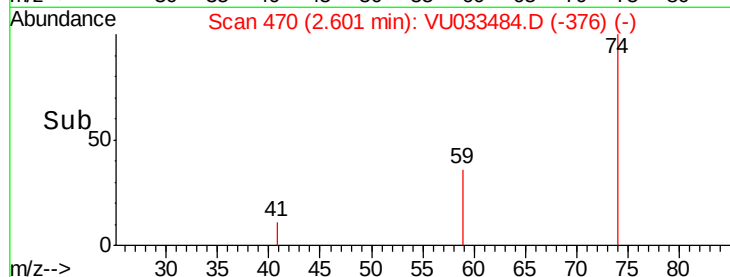
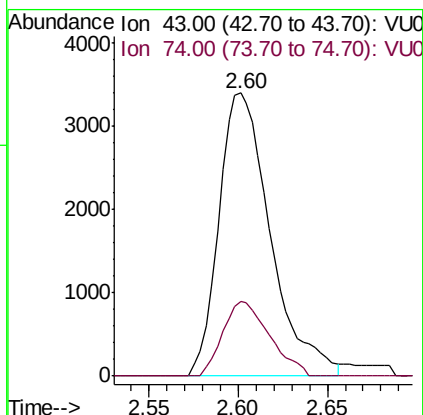
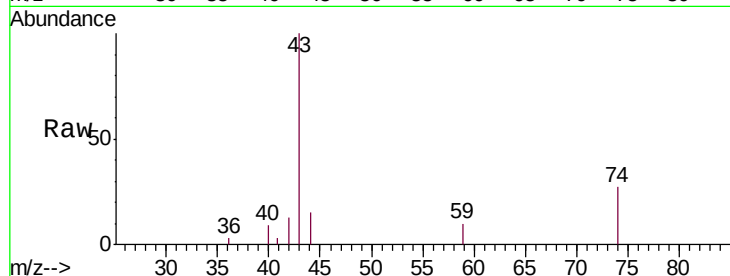




#15
Methyl Acetate
Concen: 2.701 ug/L
RT: 2.60 min Scan# 470
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

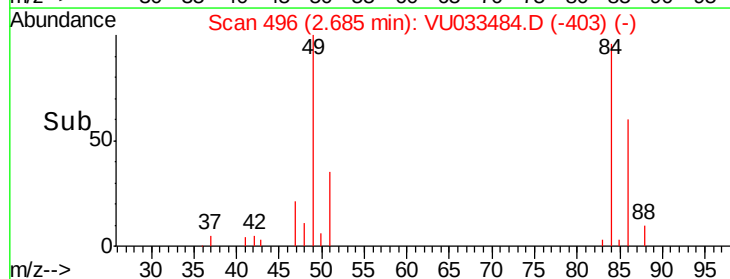
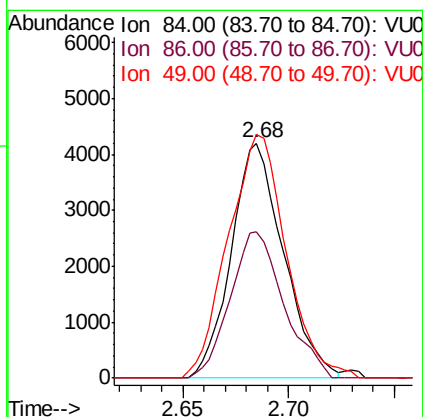
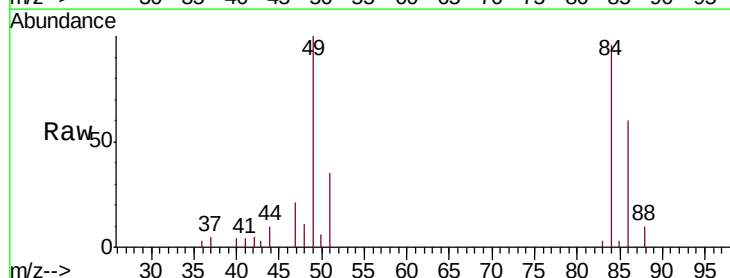
Instrument :
MSVOA_U
ClientSampleId :
MDL03

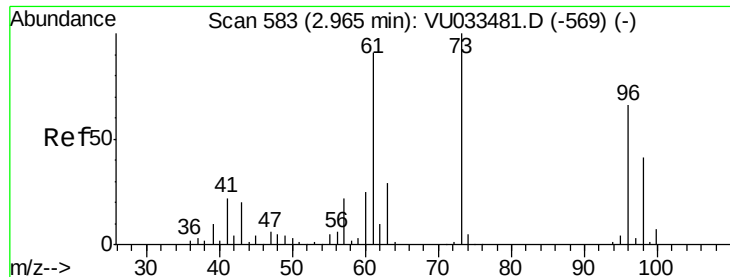
Tgt Ion: 43 Resp: 6819
Ion Ratio Lower Upper
43 100
74 23.9 20.5 30.7



#16
Methylene chloride
Concen: 2.952 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

Tgt Ion: 84 Resp: 7244
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.0
49 103.6 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 2.617 ug/L

RT: 2.96 min Scan# 583

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

MDL03

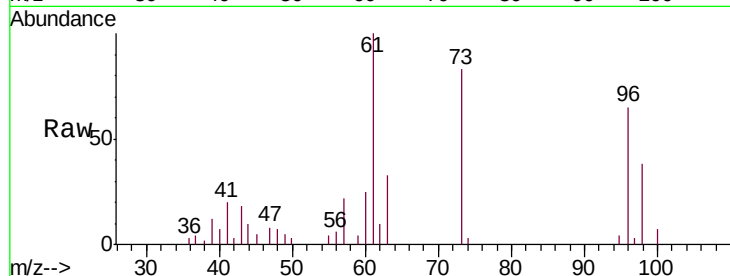
Tgt Ion: 96 Resp: 5806

Ion Ratio Lower Upper

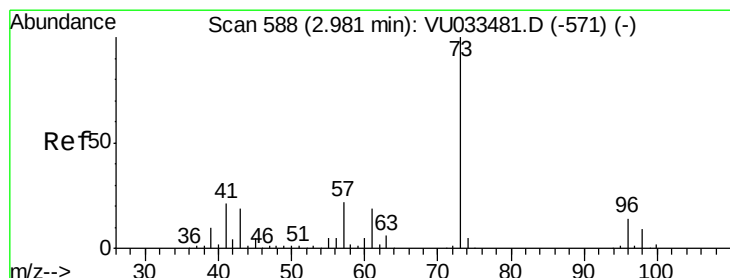
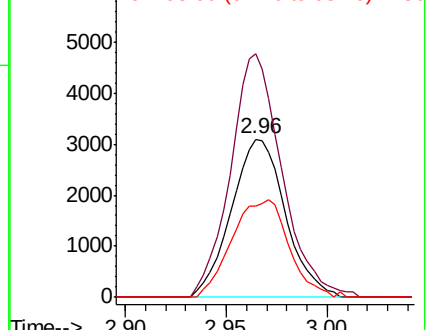
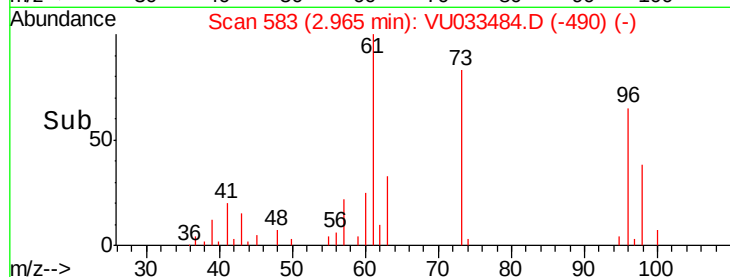
96 100

61 153.8 100.3 186.3

98 58.0 45.1 83.9



Abundance Ion 96.00 (95.70 to 96.70): VU033484.D (-490) (-)



#18

Methyl tert-butyl Ether

Concen: 2.492 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

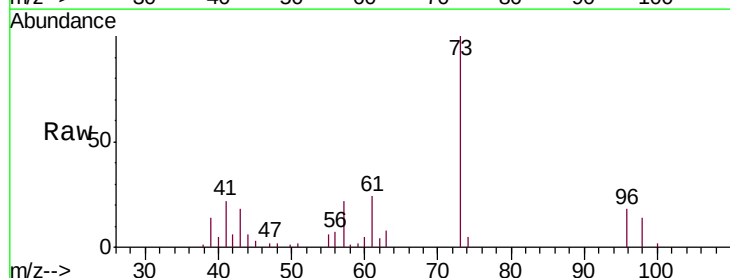
Tgt Ion: 73 Resp: 16312

Ion Ratio Lower Upper

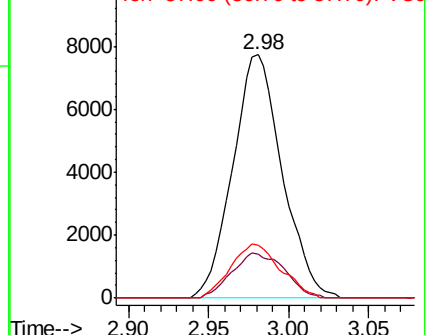
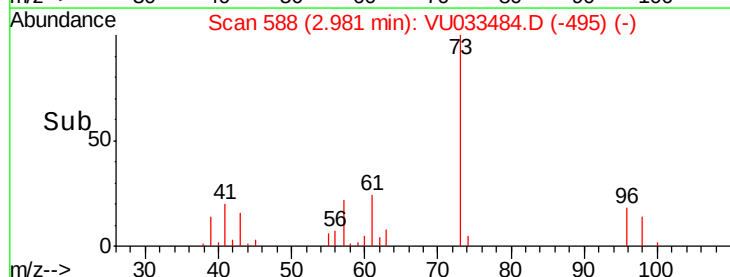
73 100

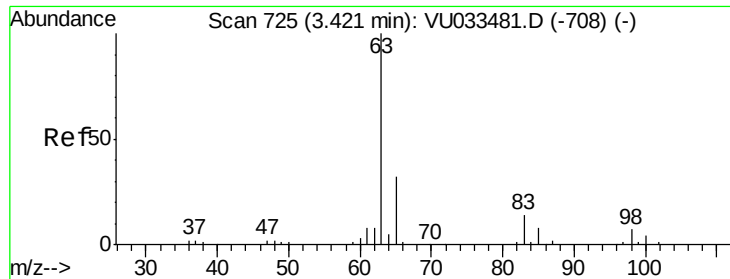
43 19.9 15.3 22.9

57 22.5 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VU033484.D (-495) (-)

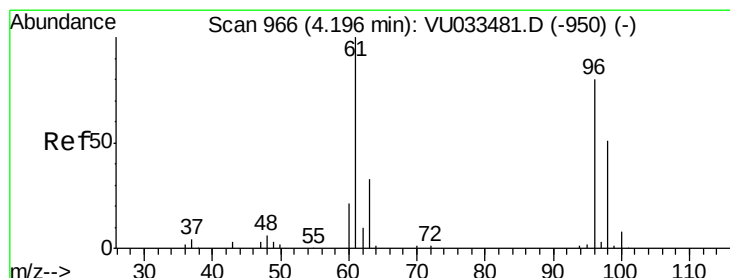
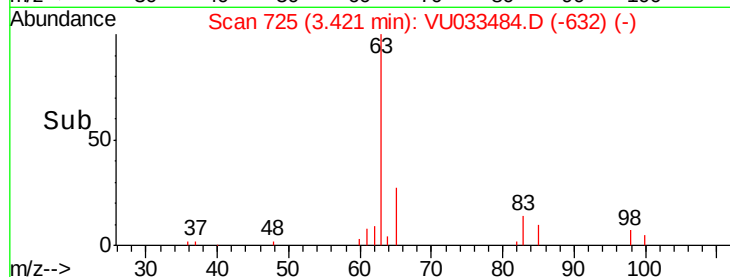
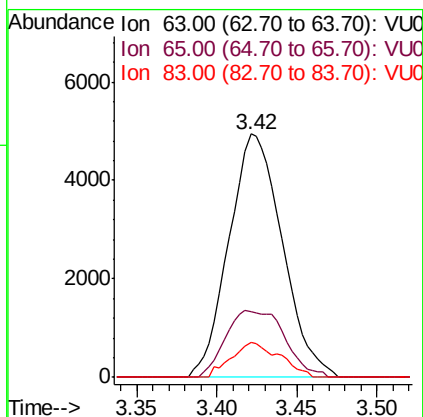
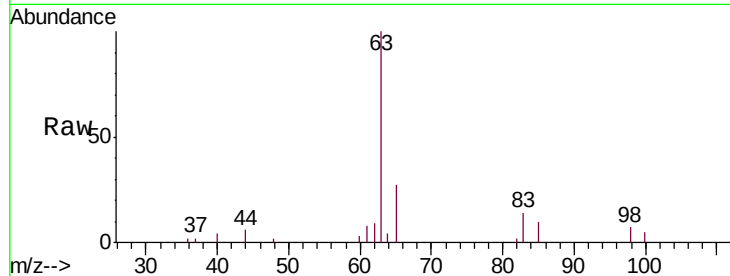




#19
 1,1-Dichloroethane
 Concen: 2.705 ug/L
 RT: 3.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

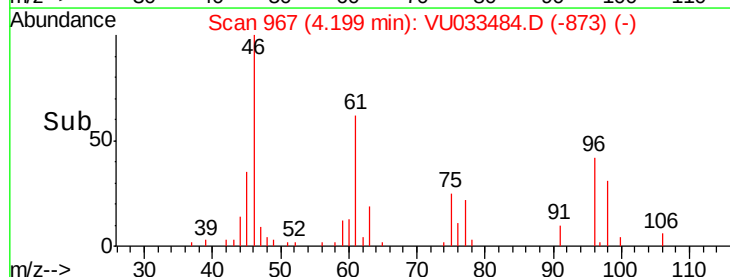
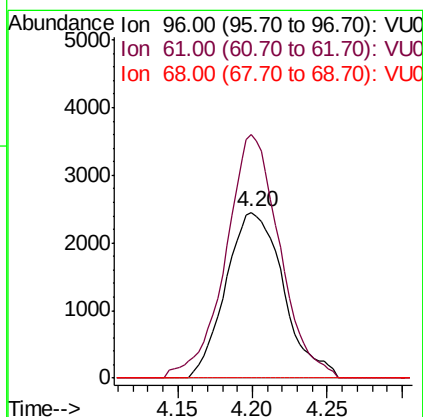
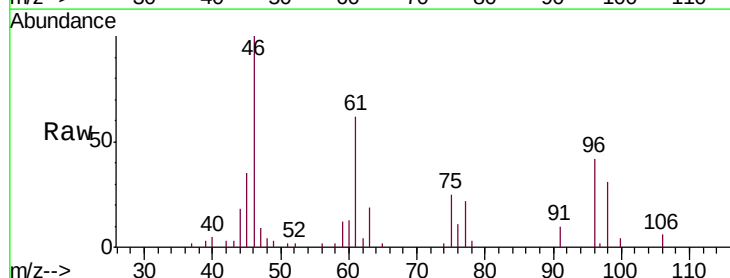
Instrument :
 MSVOA_U
 ClientSampled :
 MDL03

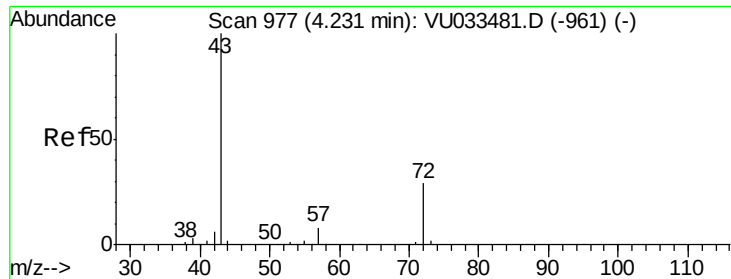
Tgt Ion: 63 Resp: 11299
 Ion Ratio Lower Upper
 63 100
 65 27.2 22.7 42.1
 83 14.2 9.4 17.6



#20
 cis-1,2-Dichloroethene
 Concen: 2.681 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Tgt Ion: 96 Resp: 6565
 Ion Ratio Lower Upper
 96 100
 61 146.6 88.9 165.1
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 5.100 ug/L

RT: 4.25 min Scan# 983

Delta R.T. 0.02 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

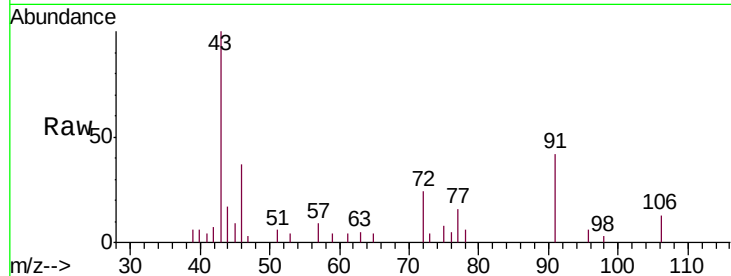
MDL03

Tgt Ion: 43 Resp: 9540

Ion Ratio Lower Upper

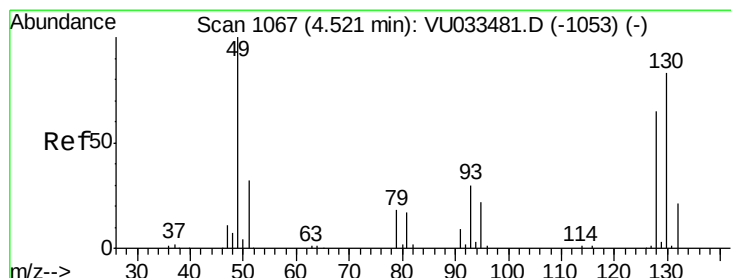
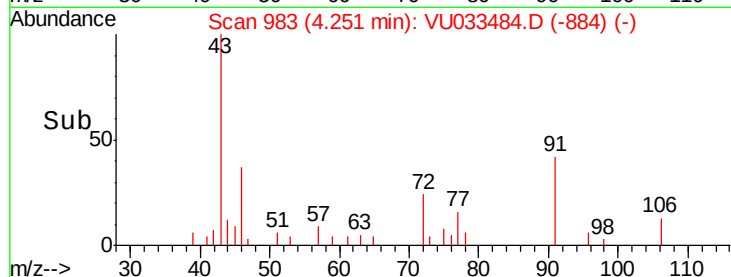
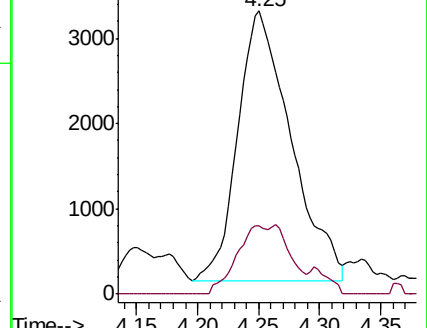
43 100

72 14.8 14.1 42.3



Abundance Ion 43.00 (42.70 to 43.70): VU033484.D (-961) (-)

Ion 72.00 (71.70 to 72.70): VU033484.D (-961) (-)



#23

Bromochloromethane

Concen: 2.665 ug/L

RT: 4.53 min Scan# 1069

Delta R.T. 0.01 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Tgt Ion: 128 Resp: 3466

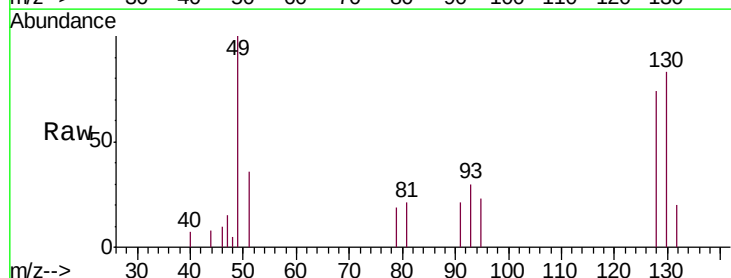
Ion Ratio Lower Upper

128 100

49 135.9 108.0 200.6

130 112.4 92.9 172.5

51 49.5 40.2 60.4

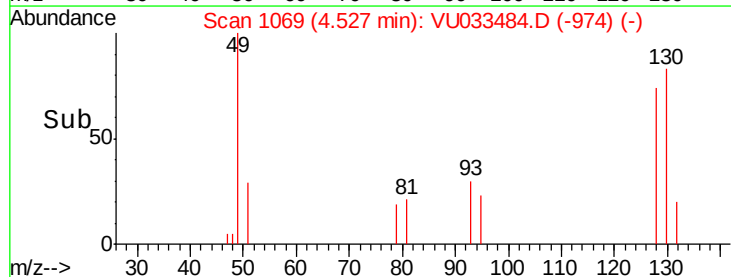
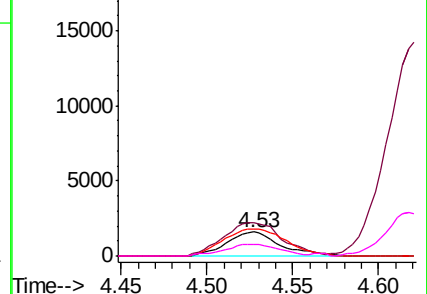


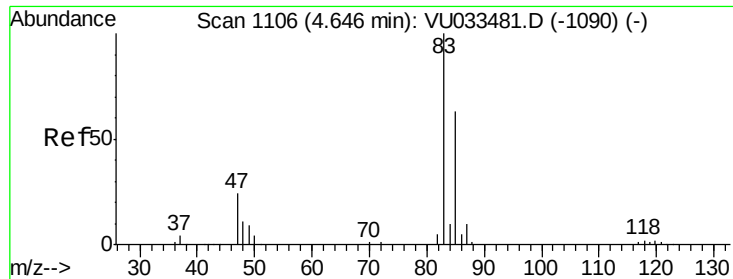
Abundance Ion 128.00 (127.70 to 128.70): VU033484.D (-1053) (-)

Ion 49.00 (48.70 to 49.70): VU033484.D (-1053) (-)

Ion 130.00 (129.70 to 130.70): VU033484.D (-1053) (-)

Ion 51.00 (50.70 to 51.70): VU033484.D (-1053) (-)

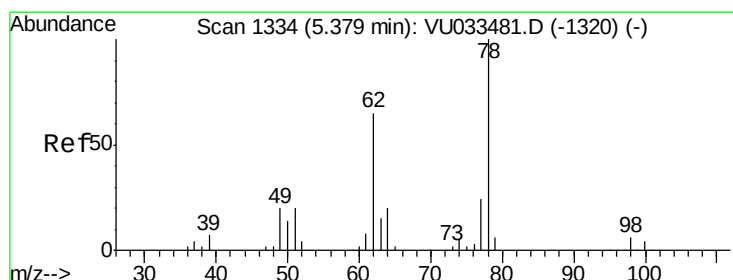
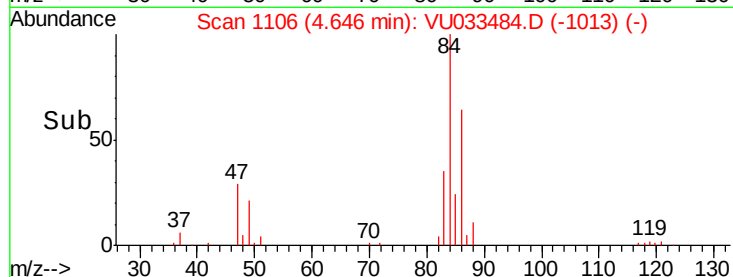
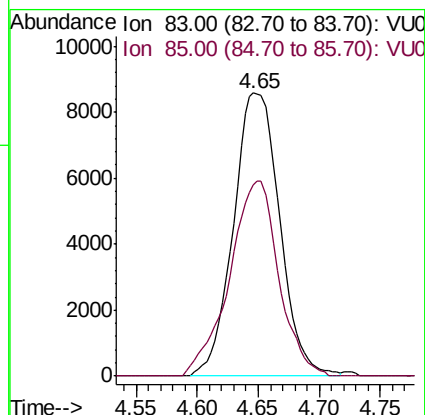
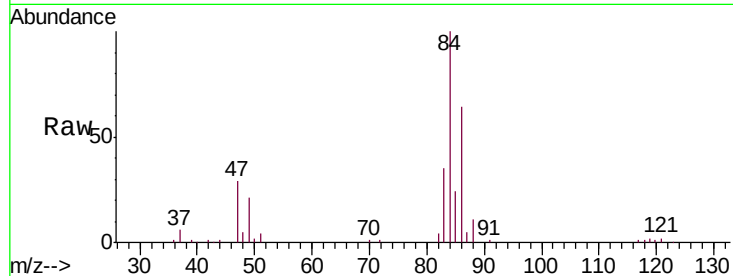




#25
Chloroform
Concen: 5.102 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

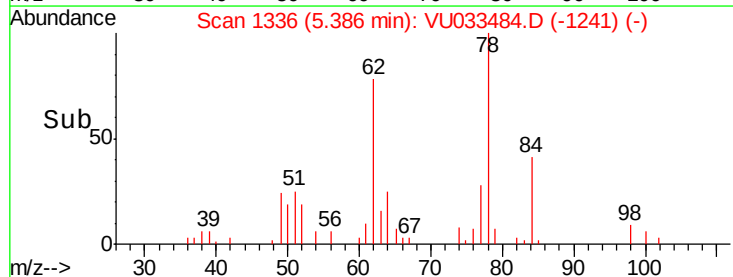
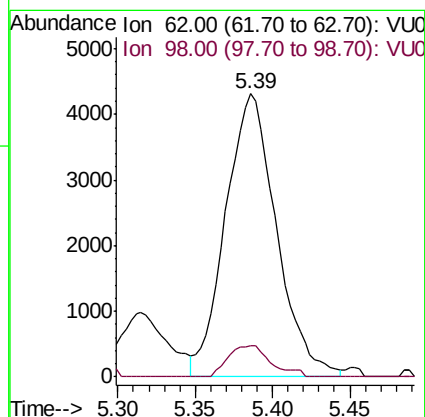
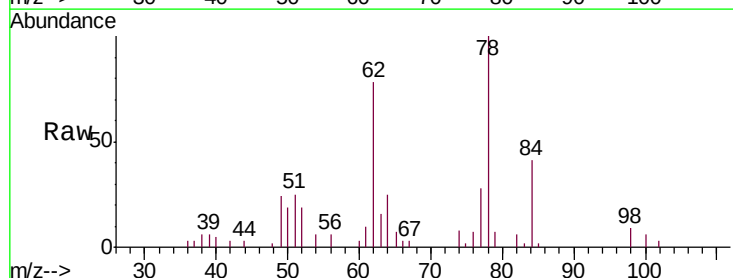
Instrument :
MSVOA_U
ClientSampleId :
MDL03

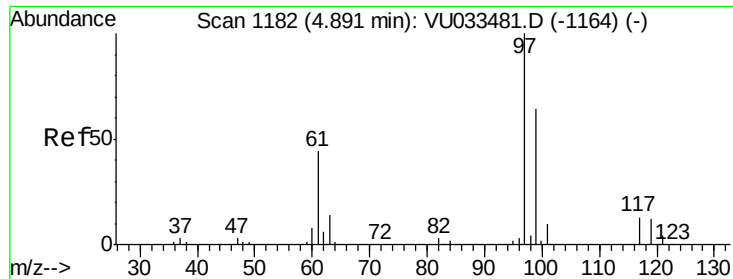
Tgt Ion: 83 Resp: 22595
Ion Ratio Lower Upper
83 100
85 67.4 45.6 84.8



#27
1,2-Dichloroethane
Concen: 2.869 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.01 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

Tgt Ion: 62 Resp: 9867
Ion Ratio Lower Upper
62 100
98 11.2 6.7 10.1#

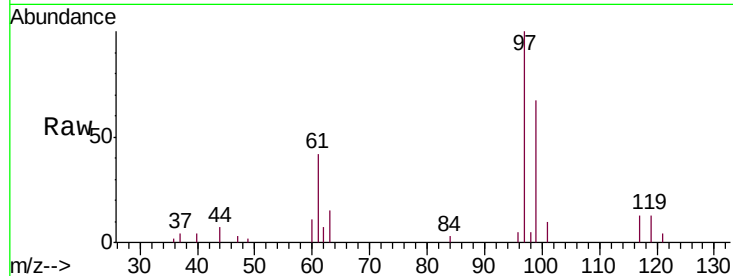




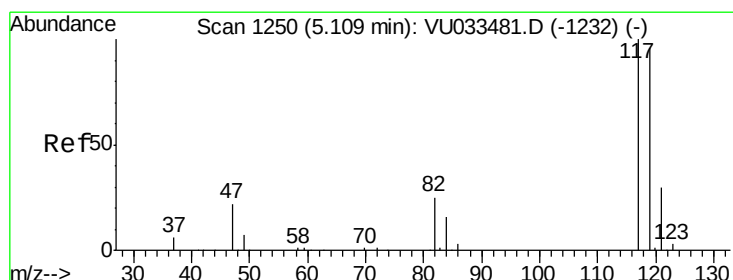
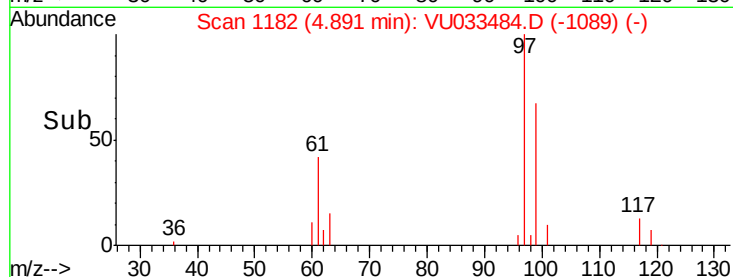
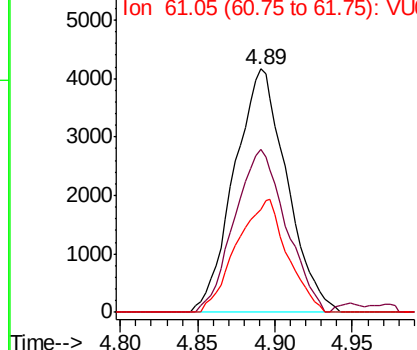
#30
 1,1,1-Trichloroethane
 Concen: 2.654 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Tgt Ion: 97 Resp: 9842
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.8 77.6
 61 44.6 36.2 54.2

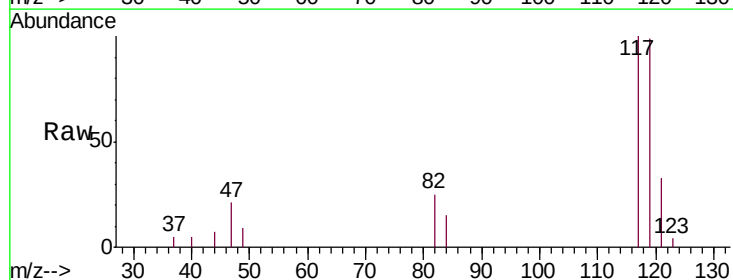


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 99.00 (98.70 to 99.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0

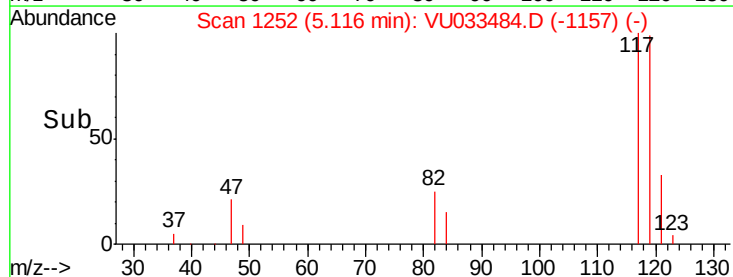
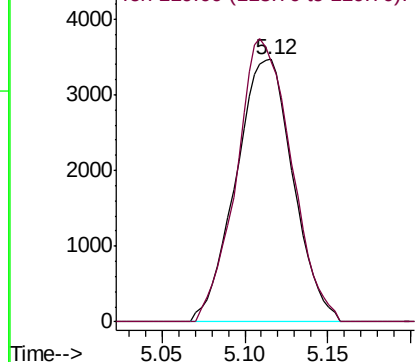


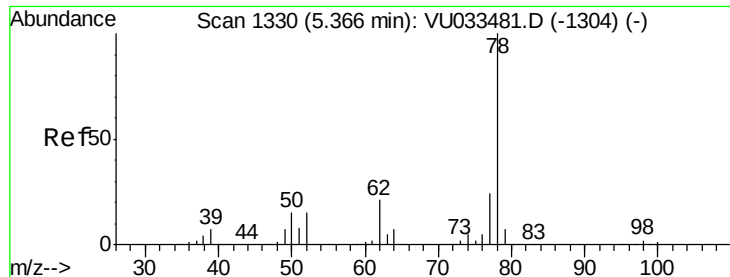
#31
 Carbon tetrachloride
 Concen: 2.517 ug/L
 RT: 5.12 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Tgt Ion: 117 Resp: 8309
 Ion Ratio Lower Upper
 117 100
 119 103.8 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: 2.714 ug/L

RT: 5.37 min Scan# 1331

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

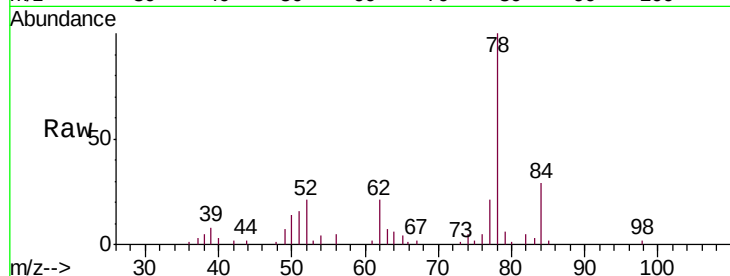
Instrument :

MSVOA_U

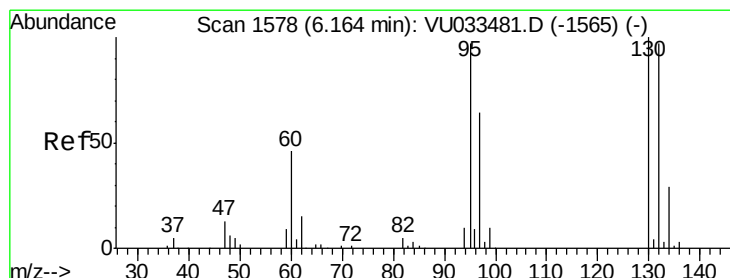
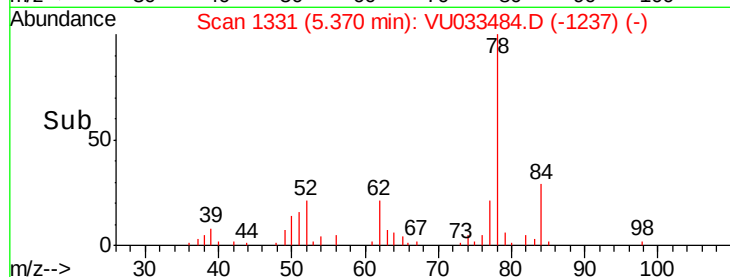
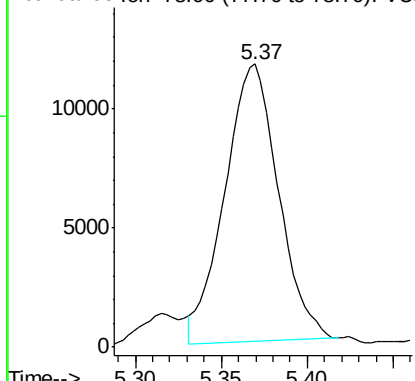
ClientSampleId :

MDL03

Tgt Ion: 78 Resp: 25262



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 2.743 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Tgt Ion: 95 Resp: 6653

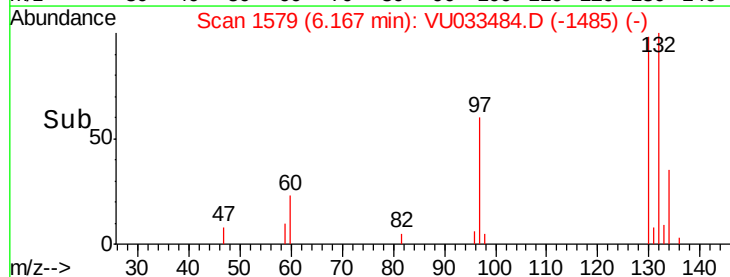
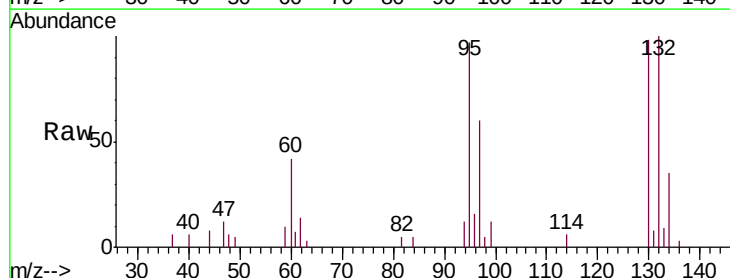
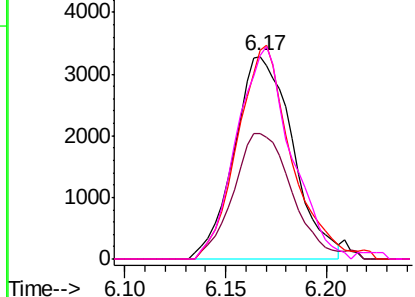
Ion	Ratio	Lower	Upper
95	100		
97	61.7	45.4	84.2
132	102.6	67.1	124.5
130	100.3	71.4	132.6

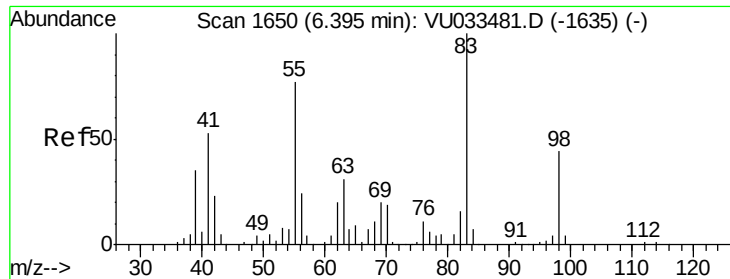
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

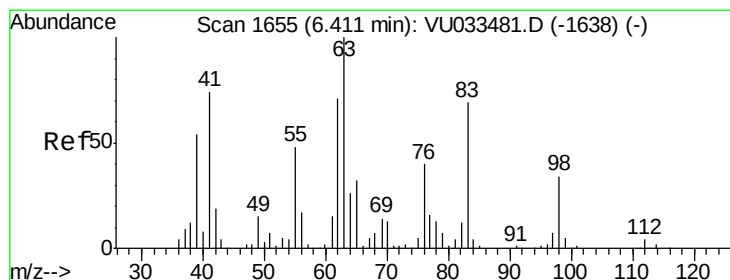
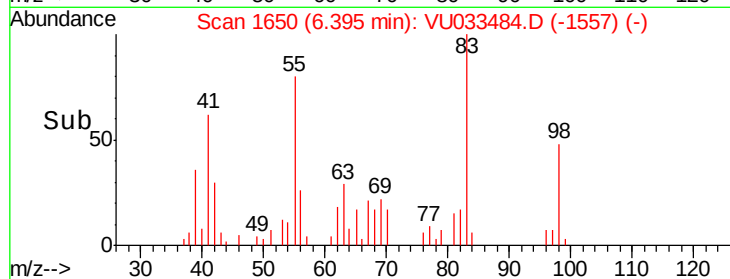
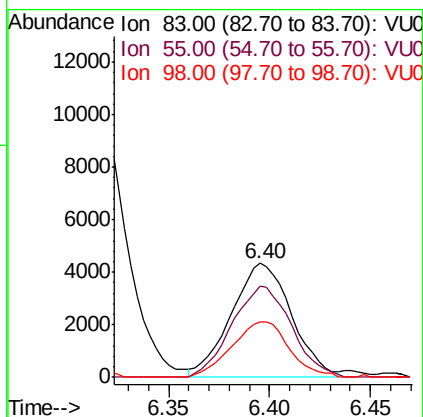
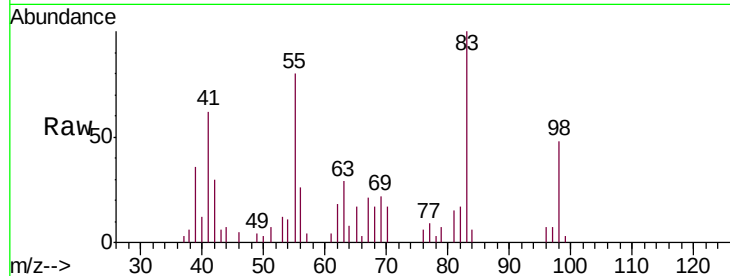




#35
Methylcyclohexane
Concen: 2.453 ug/L
RT: 6.40 min Scan# 1650
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

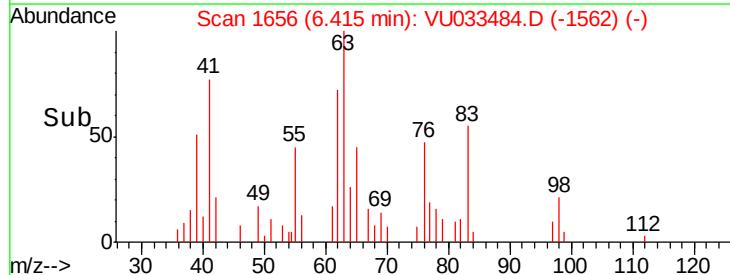
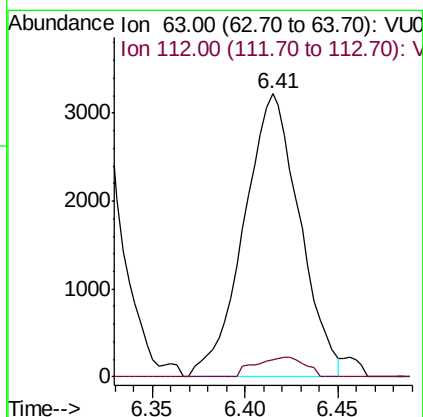
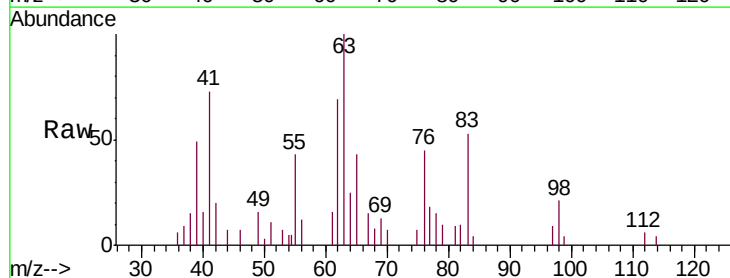
Instrument :
MSVOA_U
ClientSampleId :
MDL03

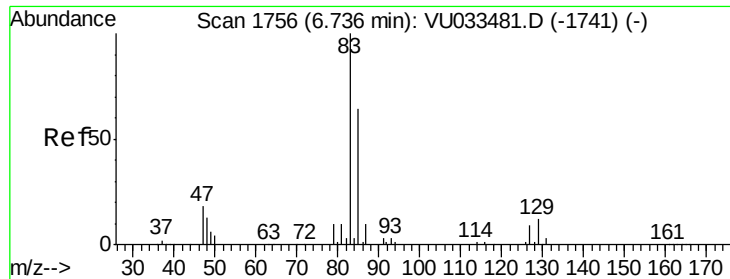
Tgt Ion: 83 Resp: 9048
Ion Ratio Lower Upper
83 100
55 78.9 62.4 93.6
98 46.6 37.3 55.9



#37
1,2-Dichloropropane
Concen: 2.698 ug/L
RT: 6.41 min Scan# 1656
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

Tgt Ion: 63 Resp: 6755
Ion Ratio Lower Upper
63 100
112 5.0 3.1 4.7#





#38

Bromodichloromethane

Concen: 2.692 ug/L

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

MDL03

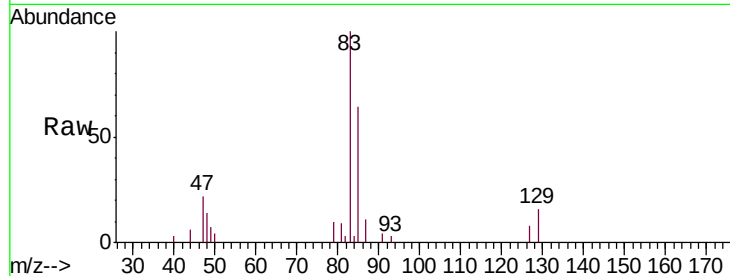
Tgt Ion: 83 Resp: 8873

Ion Ratio Lower Upper

83 100

85 64.0 45.4 84.4

127 7.6 7.3 10.9

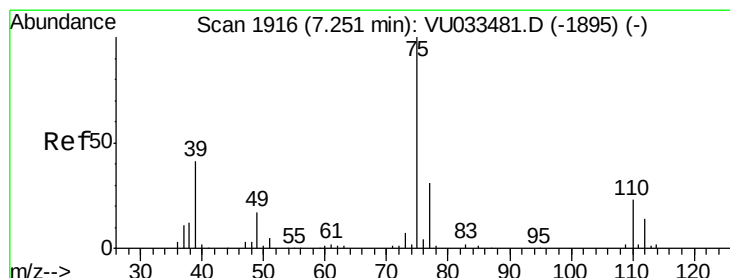
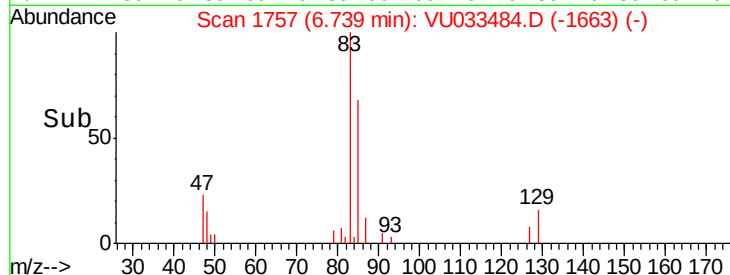


Abundance Ion 83.00 (82.70 to 83.70): VU033484.D (-1741) (-)

Ion 85.00 (84.70 to 85.70): VU033484.D (-1741) (-)

Ion 127.00 (126.70 to 127.70): VU033484.D (-1741) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 2.351 ug/L

RT: 7.25 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VU033484.D

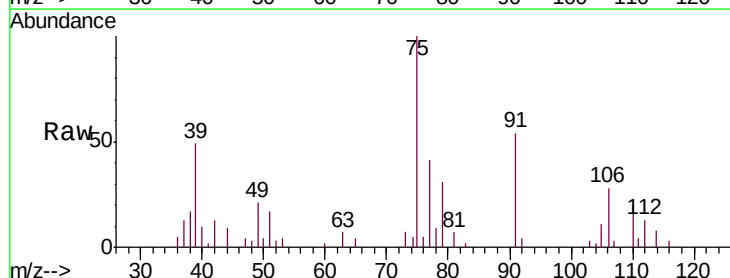
Acq: 30 Jul 2019 11:01

Tgt Ion: 75 Resp: 8776

Ion Ratio Lower Upper

75 100

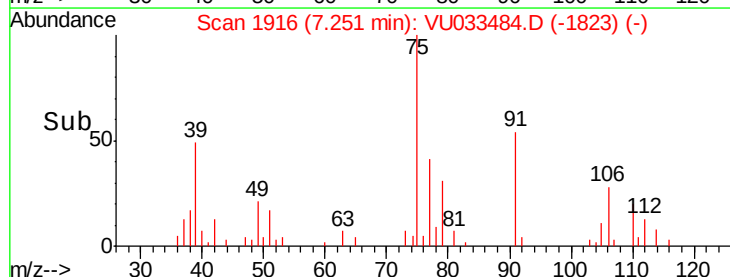
77 41.2 21.6 40.2#

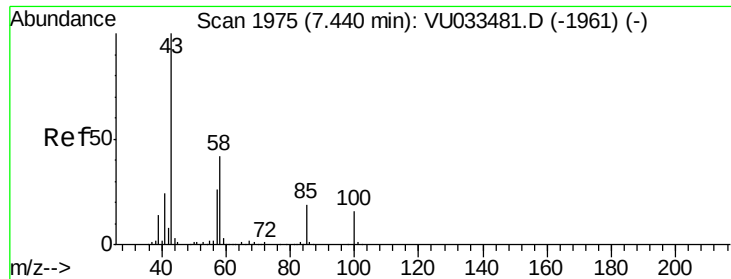


Abundance Ion 75.00 (74.70 to 75.70): VU033484.D (-1895) (-)

Ion 77.00 (76.70 to 77.70): VU033484.D (-1895) (-)

Time-->

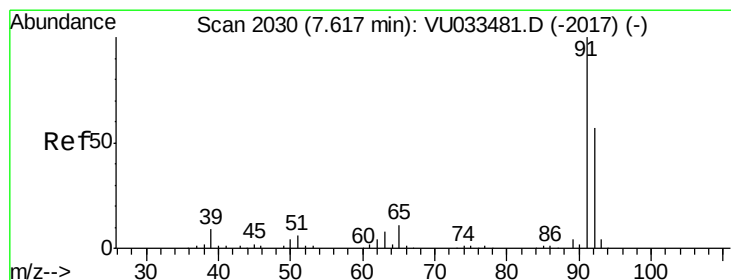
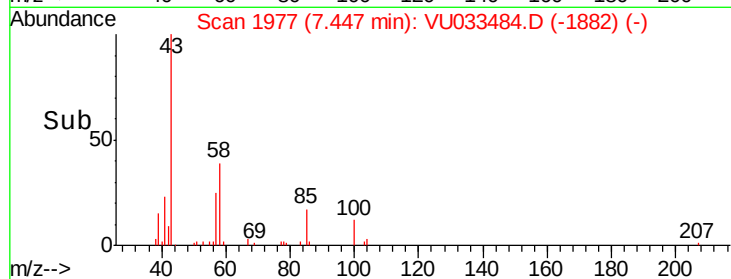
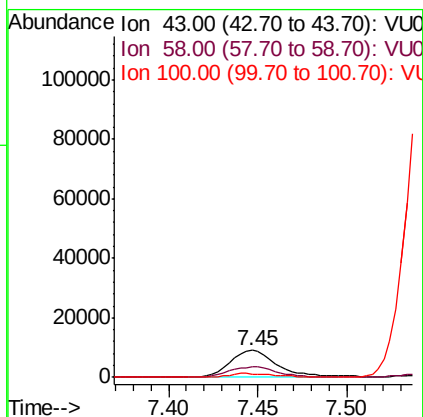
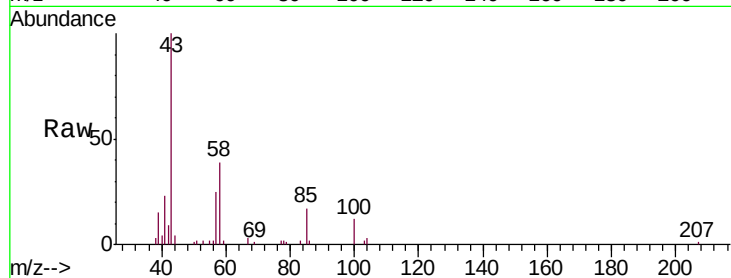




#40
 4-Methyl-2-pentanone
 Concen: 5.071 ug/L
 RT: 7.45 min Scan# 1977
 Delta R.T. 0.01 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

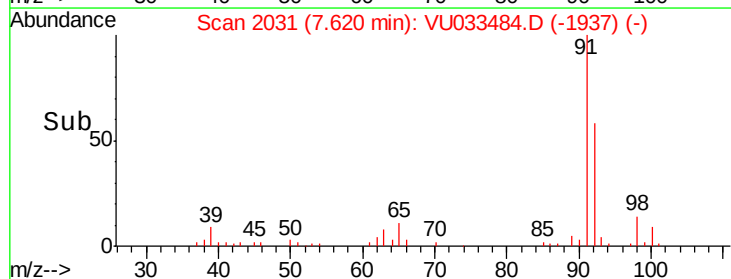
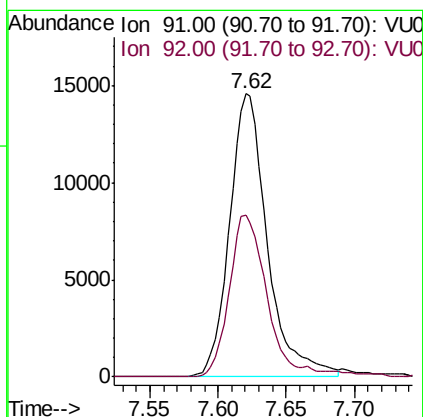
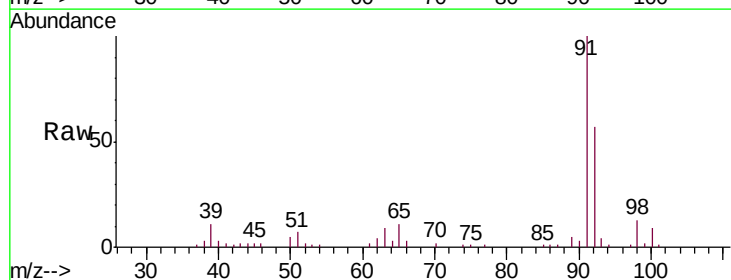
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

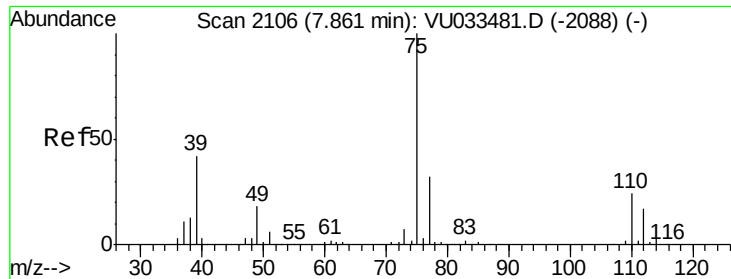
Tgt Ion: 43 Resp: 16733
 Ion Ratio Lower Upper
 43 100
 58 40.8 33.4 50.2
 100 13.8 12.3 18.5



#42
 Toluene
 Concen: 2.801 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Tgt Ion: 91 Resp: 28058
 Ion Ratio Lower Upper
 91 100
 92 57.3 40.1 74.5

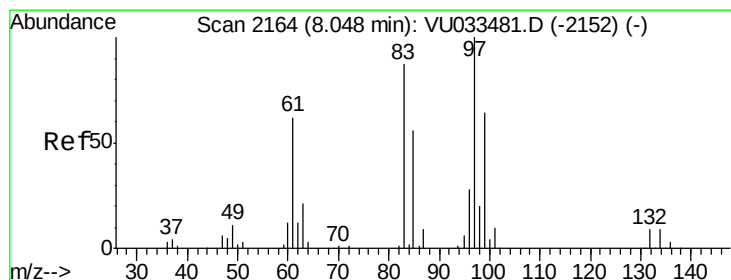
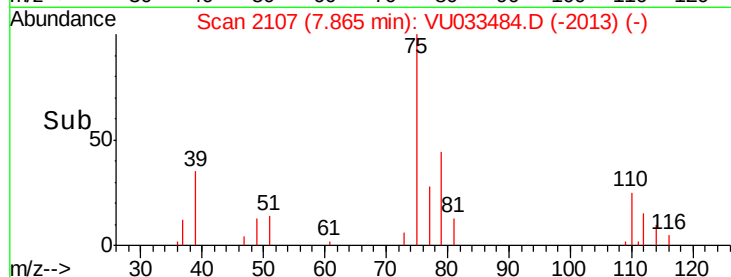
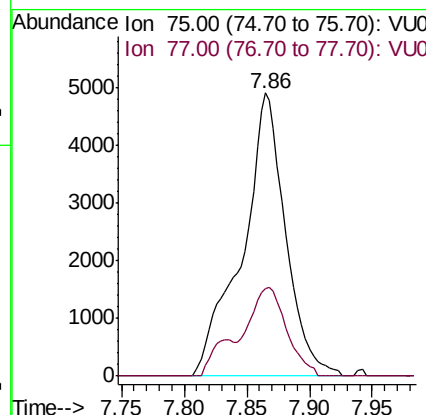
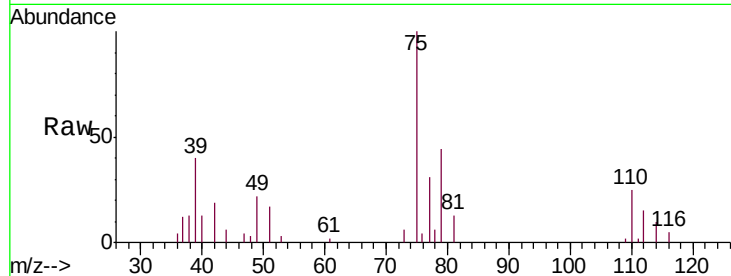




#44
trans-1,3-Dichloropropene
Concen: 3.505 ug/L
RT: 7.86 min Scan# 2107
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

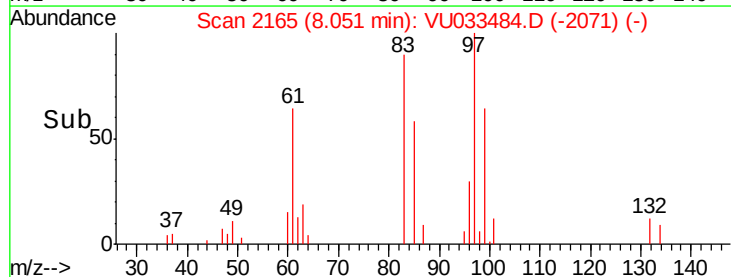
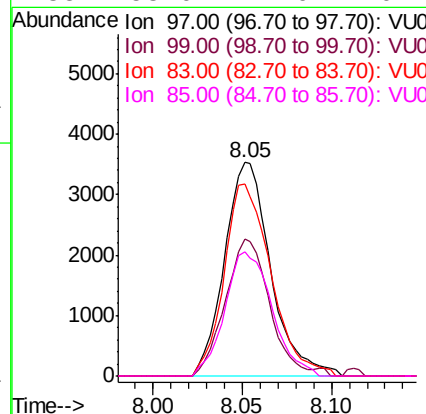
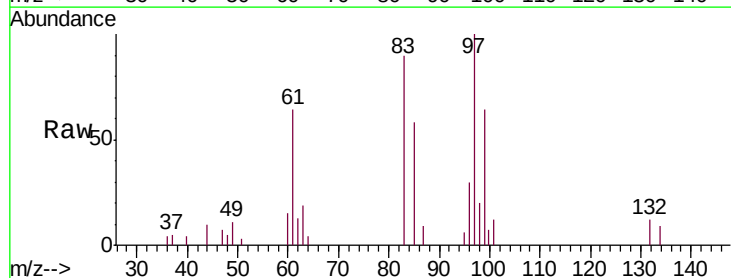
Instrument :
MSVOA_U
ClientSampled :
MDL03

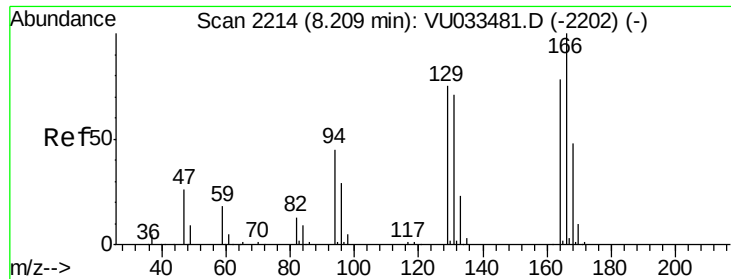
Tgt Ion: 75 Resp: 11878
Ion Ratio Lower Upper
75 100
77 30.9 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 2.665 ug/L
RT: 8.05 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

Tgt Ion: 97 Resp: 6363
Ion Ratio Lower Upper
97 100
99 63.9 43.3 80.5
83 90.0 61.3 113.9
85 58.0 41.0 76.2

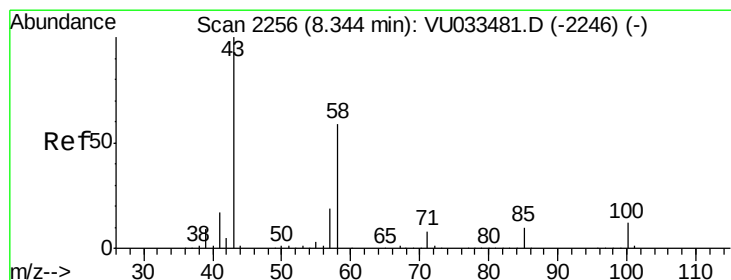
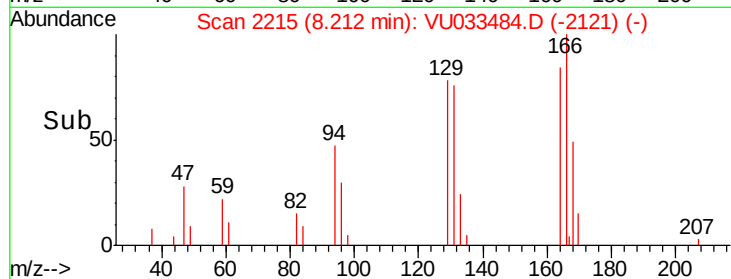
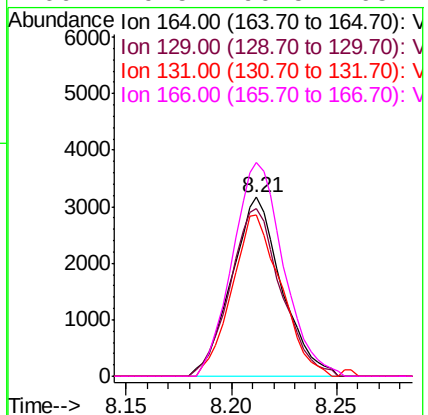
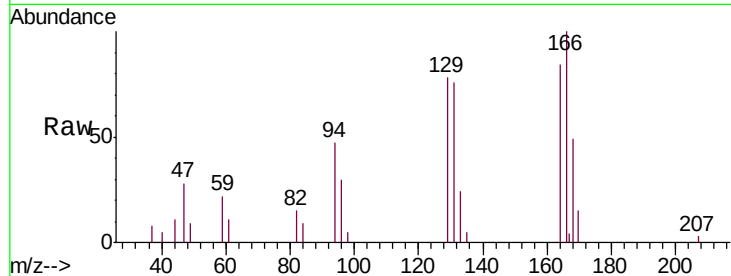




#46
Tetrachloroethene
Concen: 2.645 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

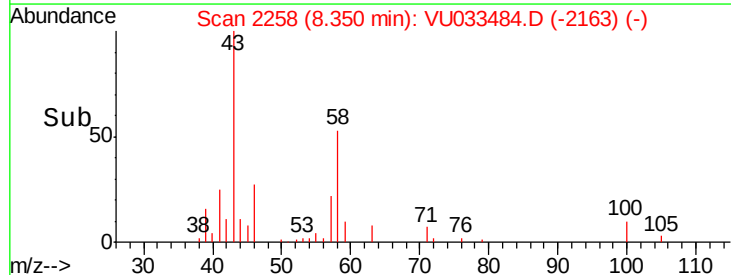
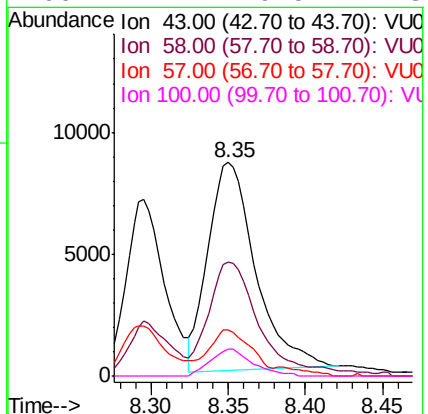
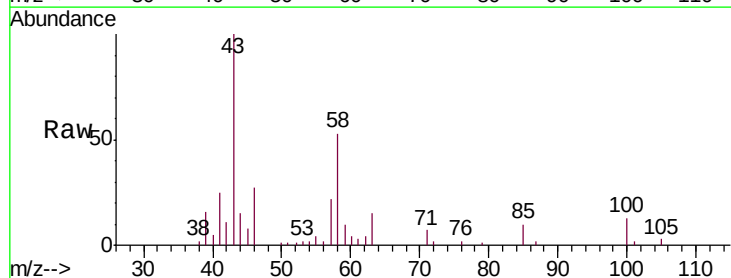
Instrument :
MSVOA_U
ClientSampleId :
MDL03

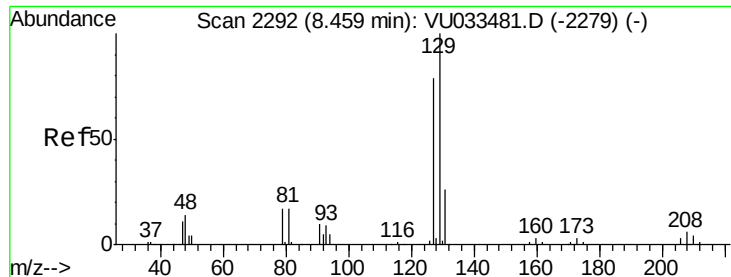
Tgt Ion: 164 Resp: 5221
Ion Ratio Lower Upper
164 100
129 93.7 66.6 123.8
131 90.5 63.9 118.7
166 119.5 90.5 168.1



#48
2-Hexanone
Concen: 6.839 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.01 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

Tgt Ion: 43 Resp: 18384
Ion Ratio Lower Upper
43 100
58 49.5 46.6 69.8
57 15.5 16.0 24.0#
100 11.2 9.5 14.3





#49

Dibromochloromethane

Concen: 2.700 ug/L

RT: 8.46 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

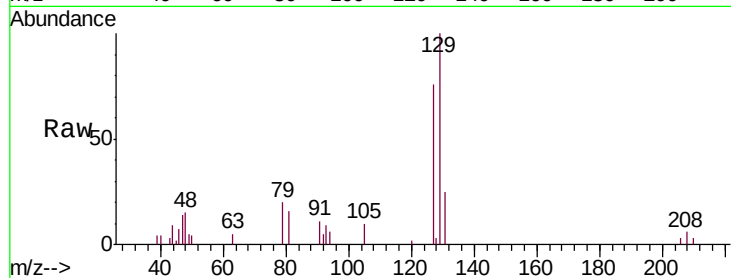
MDL03

Tgt Ion:129 Resp: 7220

Ion Ratio Lower Upper

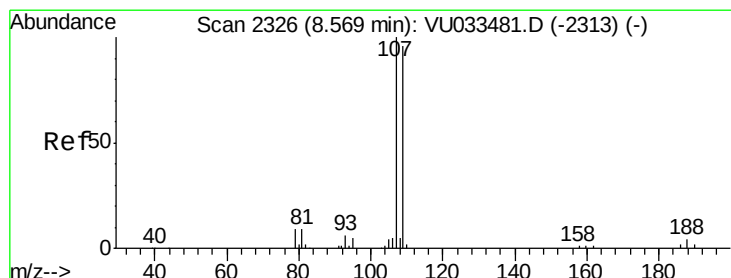
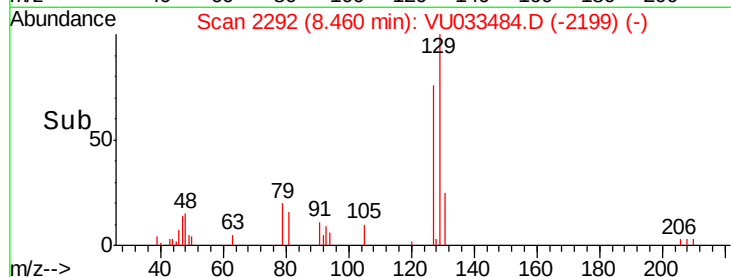
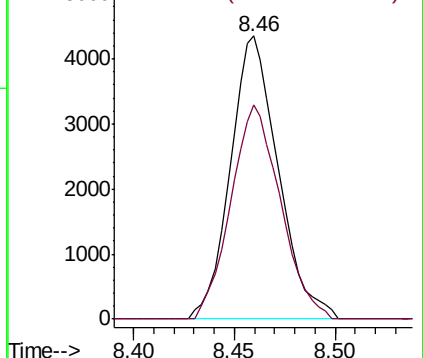
129 100

127 75.5 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: 2.712 ug/L

RT: 8.57 min Scan# 2327

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

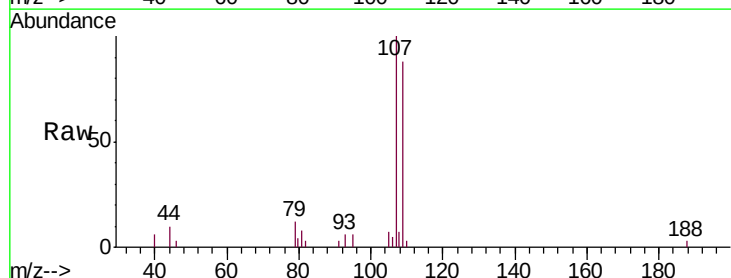
Tgt Ion:107 Resp: 7025

Ion Ratio Lower Upper

107 100

109 87.6 64.7 120.1

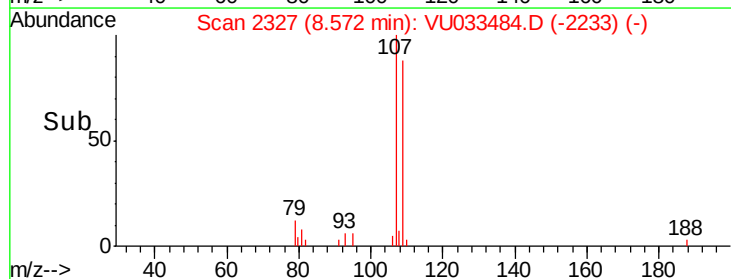
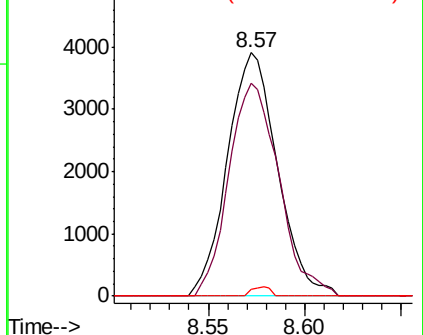
188 3.0 2.8 4.2

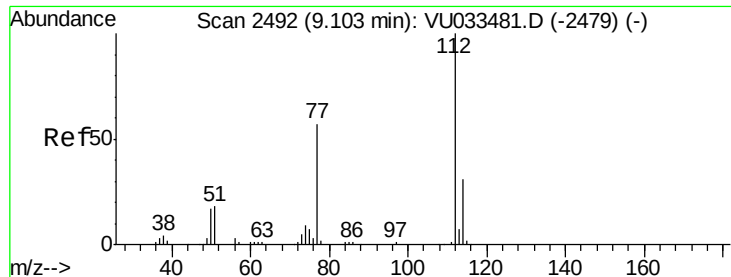


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#51

Chlorobenzene

Concen: 2.991 ug/L

RT: 9.11 min Scan# 2493

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

MDL03

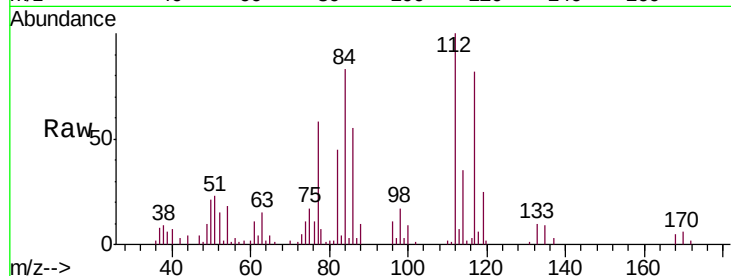
Tgt Ion: 112 Resp: 19908

Ion Ratio Lower Upper

112 100

114 34.7 21.9 40.7

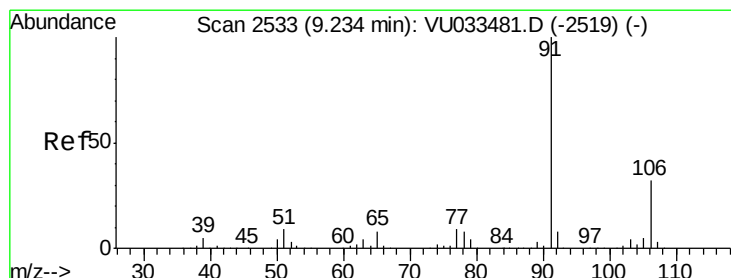
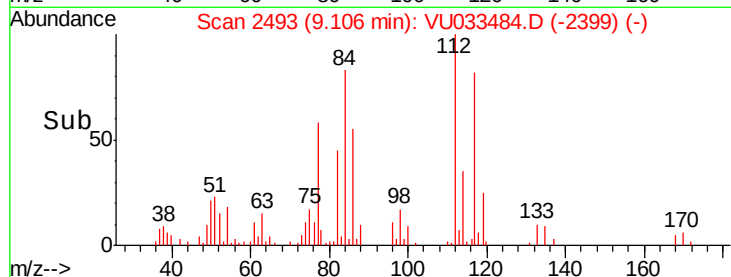
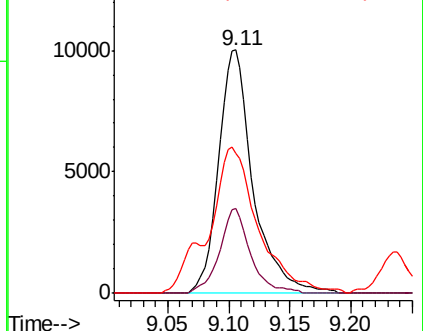
77 57.7 46.1 69.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#52

Ethylbenzene

Concen: 2.598 ug/L

RT: 9.24 min Scan# 2534

Delta R.T. 0.00 min

Lab File: VU033484.D

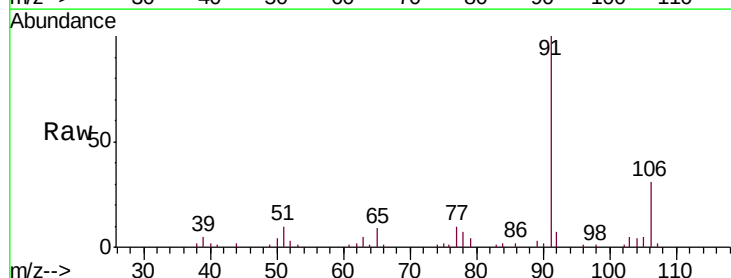
Acq: 30 Jul 2019 11:01

Tgt Ion: 91 Resp: 28211

Ion Ratio Lower Upper

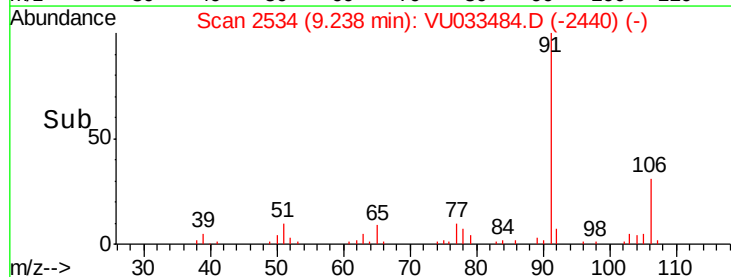
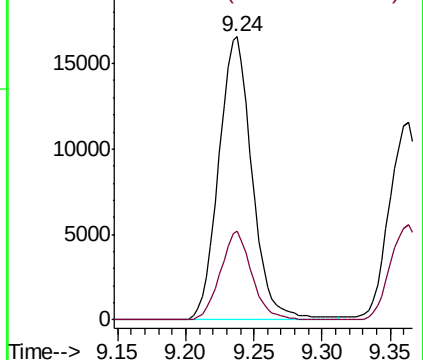
91 100

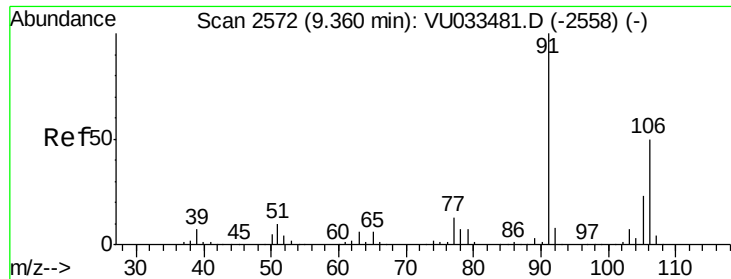
106 31.2 21.6 40.2



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V

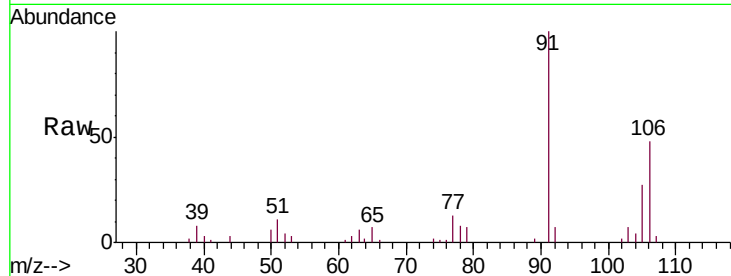




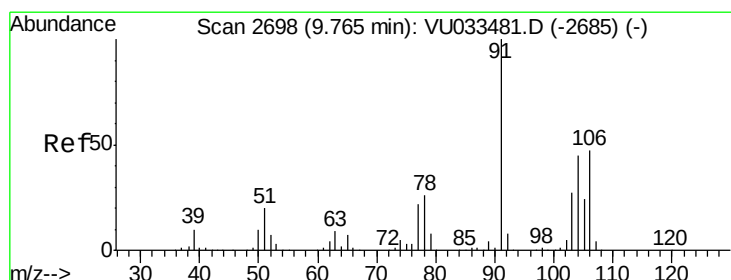
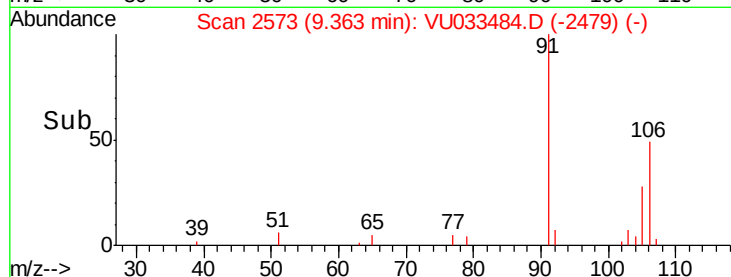
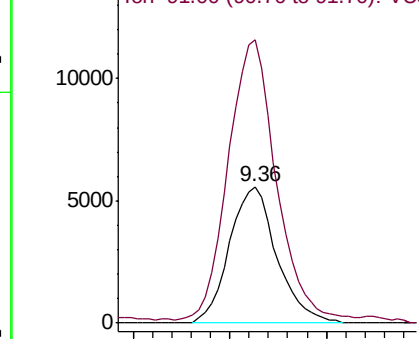
#53
m,p-Xylene
Concen: 2.321 ug/L
RT: 9.36 min Scan# 2573
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

Instrument :
MSVOA_U
ClientSampleId :
MDL03

Tgt Ion:106 Resp: 9479
Ion Ratio Lower Upper
106 100
91 207.3 140.7 261.3

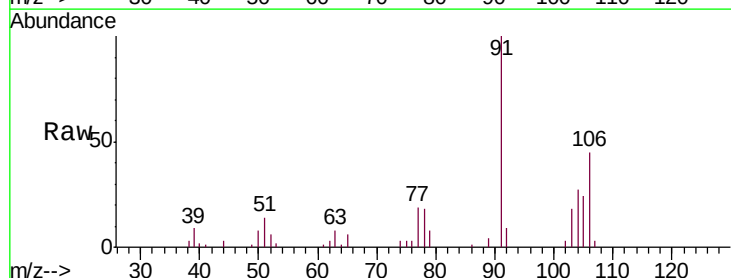


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

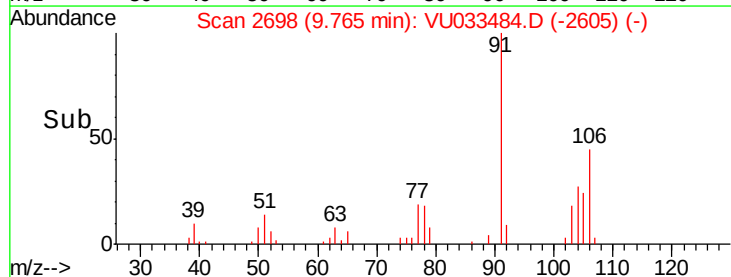
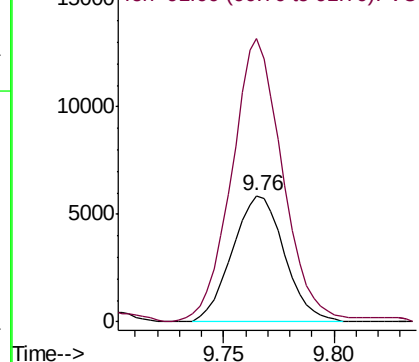


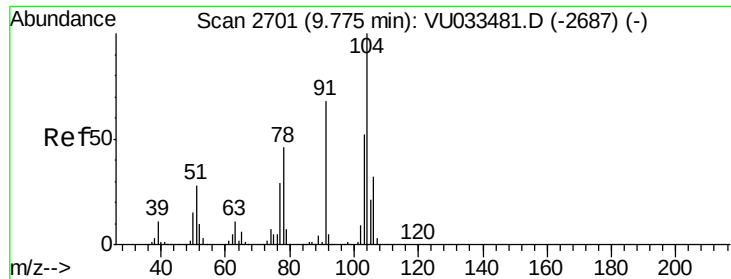
#54
o-xylene
Concen: 2.403 ug/L
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033484.D
Acq: 30 Jul 2019 11:01

Tgt Ion:106 Resp: 9622
Ion Ratio Lower Upper
106 100
91 224.4 151.1 280.7



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

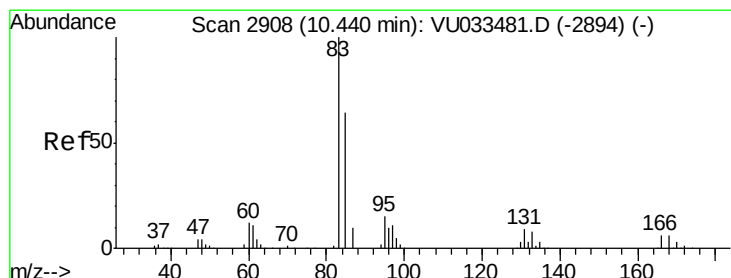
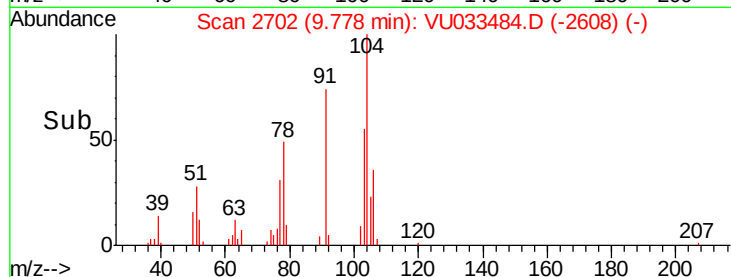
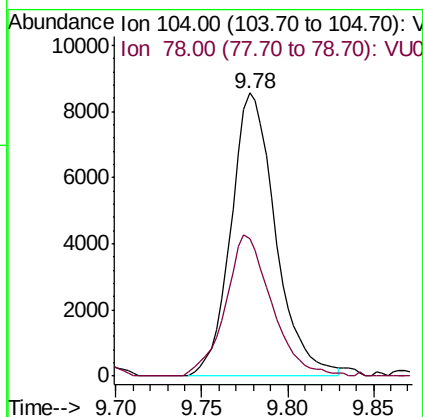
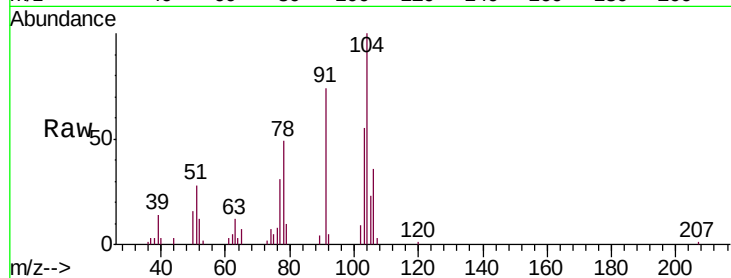




#55
 Styrene
 Concen: 2.272 ug/L
 RT: 9.78 min Scan# 2702
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

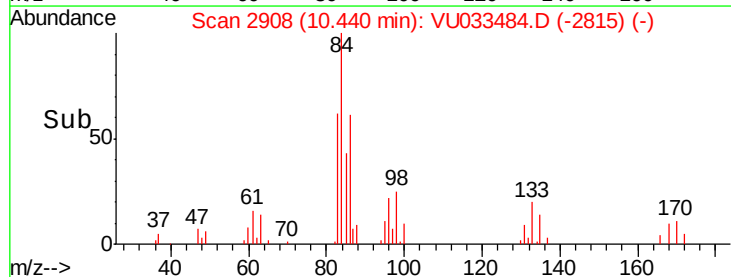
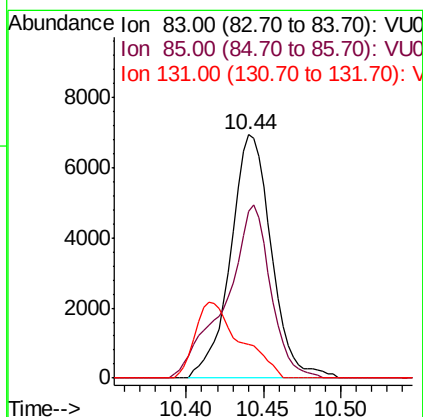
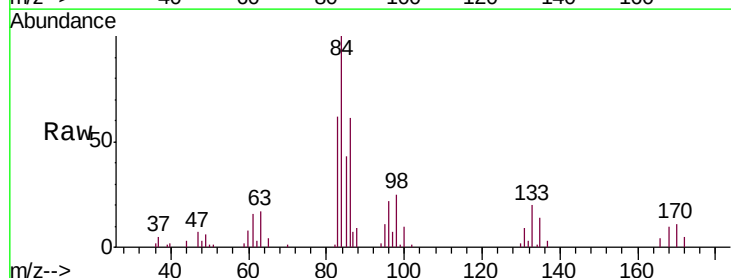
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

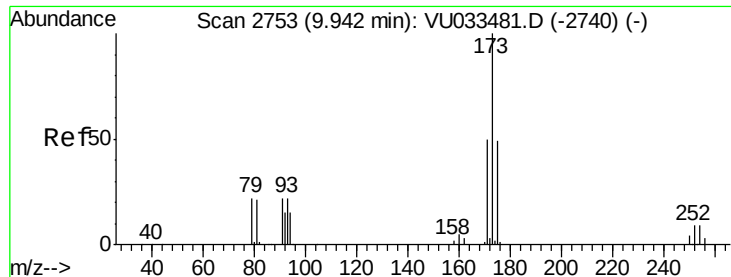
Tgt Ion: 104 Resp: 15437
 Ion Ratio Lower Upper
 104 100
 78 48.6 32.6 60.5



#57
 1,1,2,2-Tetrachloroethane
 Concen: 3.000 ug/L
 RT: 10.44 min Scan# 2908
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Tgt Ion: 83 Resp: 12734
 Ion Ratio Lower Upper
 83 100
 85 68.3 45.9 85.3
 131 14.0 7.8 11.8#





#59

Bromoform

Concen: 2.768 ug/L

RT: 9.95 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

MDL03

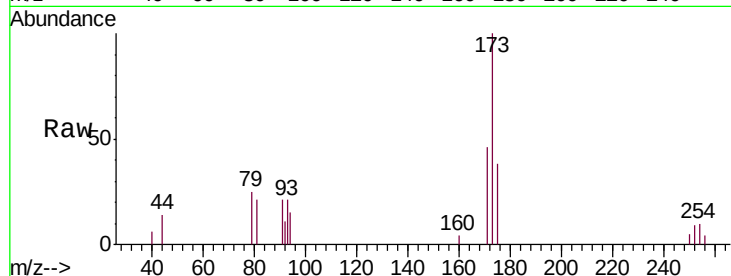
Tgt Ion:173 Resp: 5324

Ion Ratio Lower Upper

173 100

175 45.8 38.1 57.1

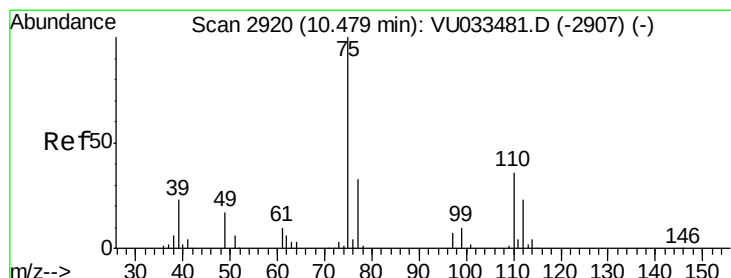
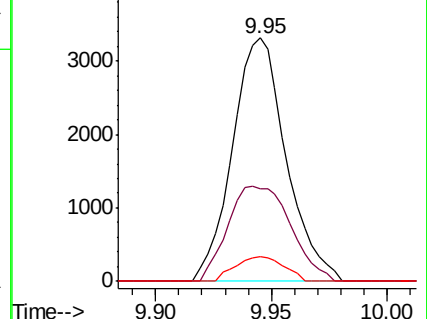
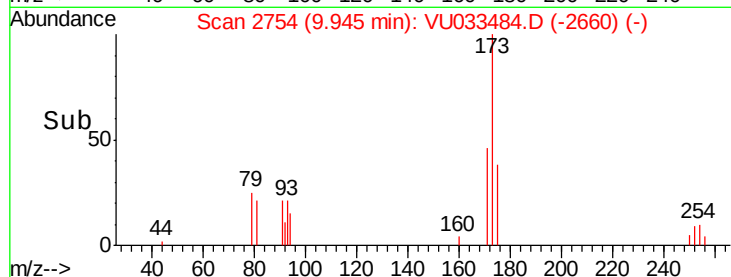
254 9.3 7.3 10.9



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: 2.921 ug/L

RT: 10.48 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

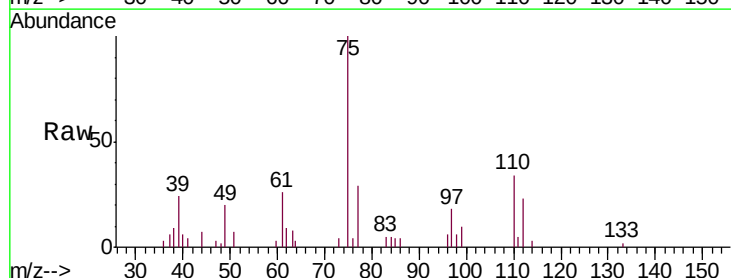
Tgt Ion: 75 Resp: 9153

Ion Ratio Lower Upper

75 100

77 31.6 25.9 38.9

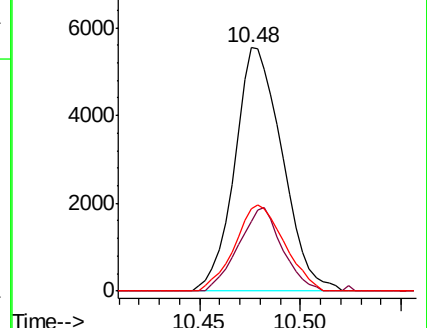
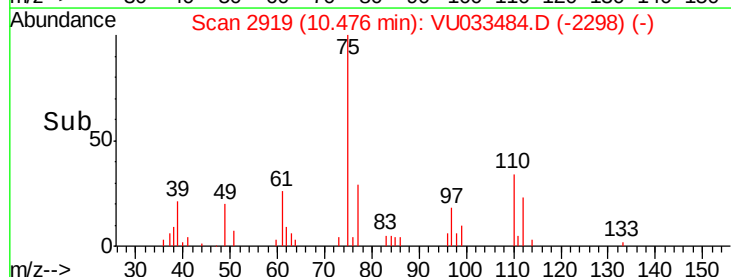
110 36.9 30.2 45.4

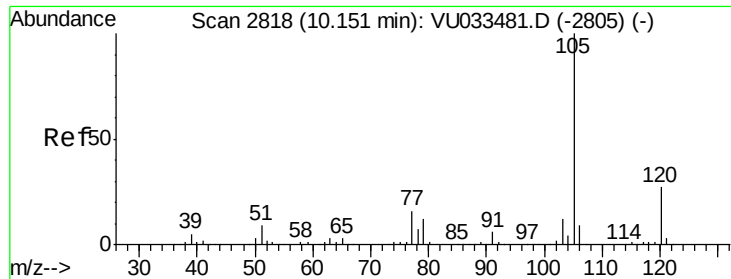


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V





#61

Isopropylbenzene

Concen: 2.431 ug/L

RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

MDL03

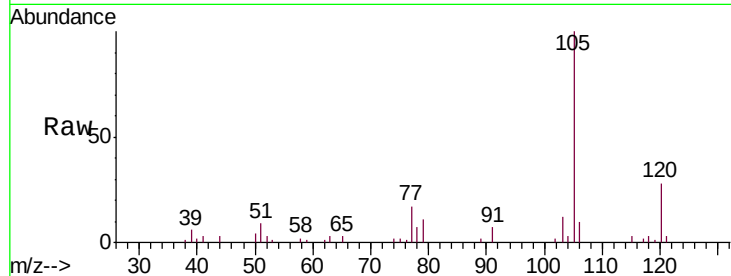
Tgt Ion:105 Resp: 23942

Ion Ratio Lower Upper

105 100

120 26.5 21.7 32.5

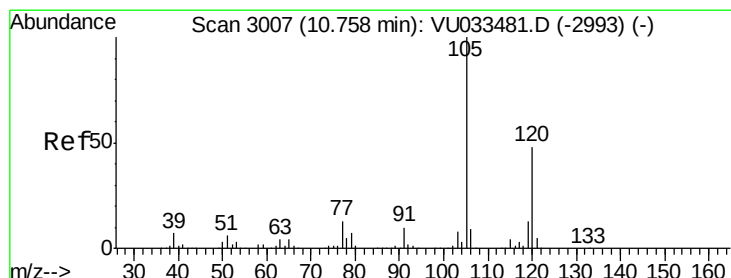
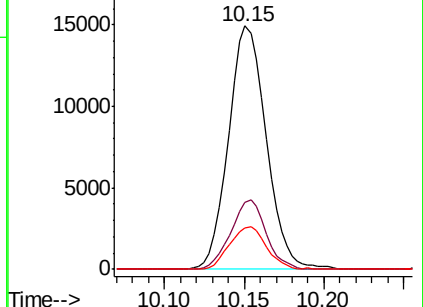
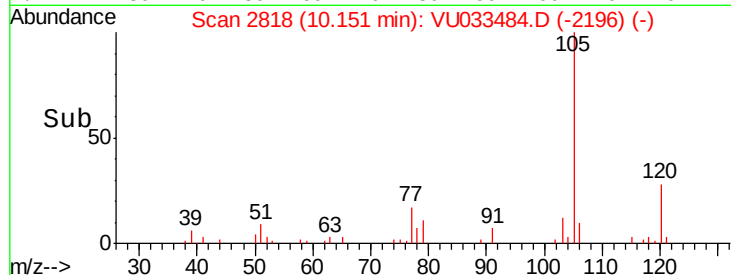
77 16.9 12.6 19.0



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: 2.757 ug/L

RT: 10.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: VU033484.D

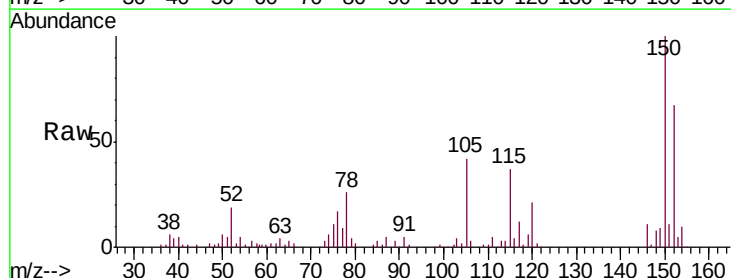
Acq: 30 Jul 2019 11:01

Tgt Ion:105 Resp: 22004

Ion Ratio Lower Upper

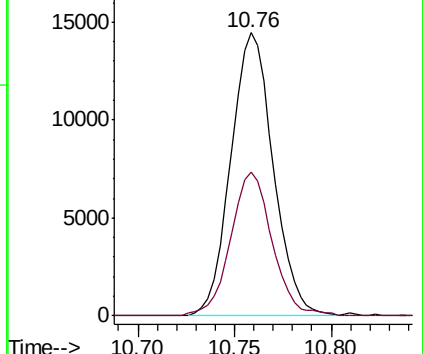
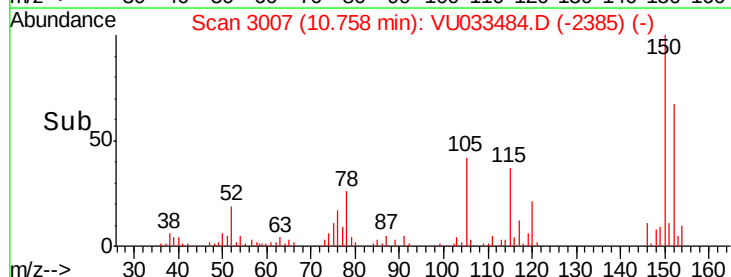
105 100

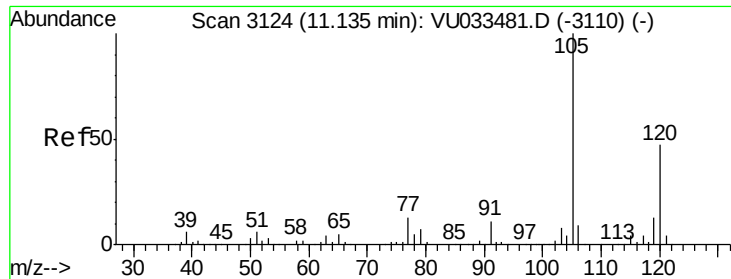
120 49.8 39.0 58.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

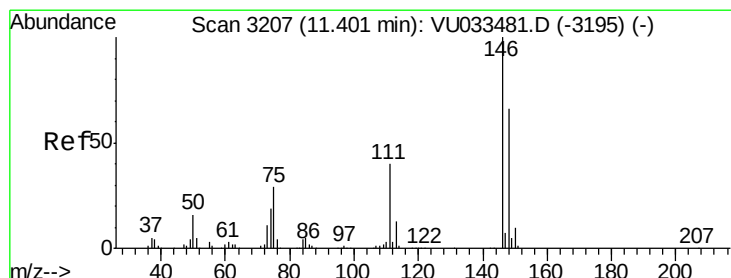
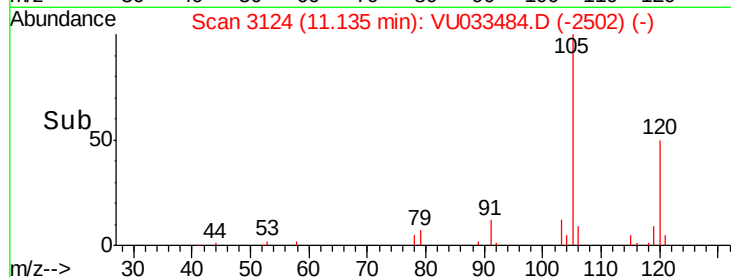
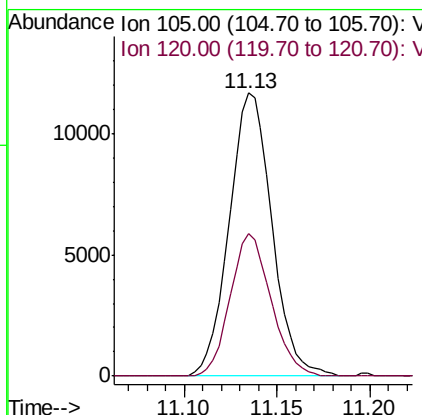
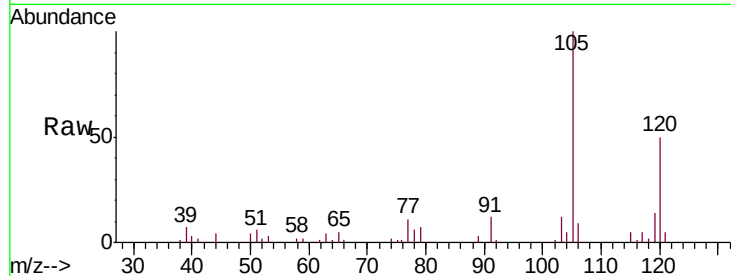




#63
 1,2,4-Trimethylbenzene
 Concen: 2.355 ug/L
 RT: 11.13 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

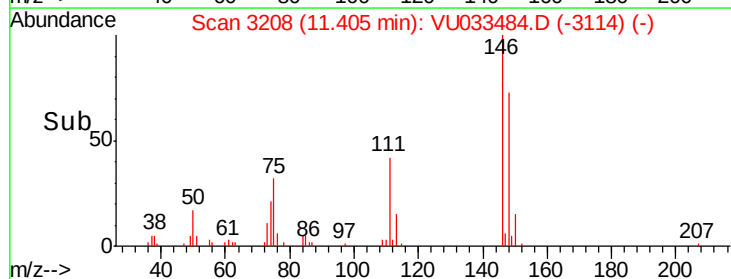
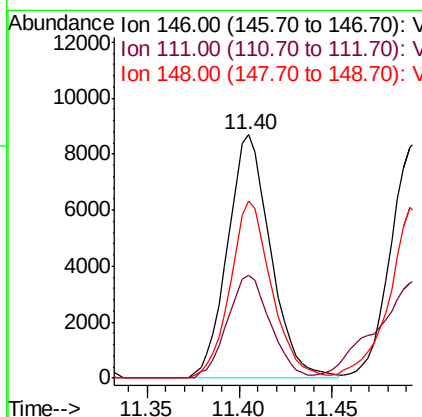
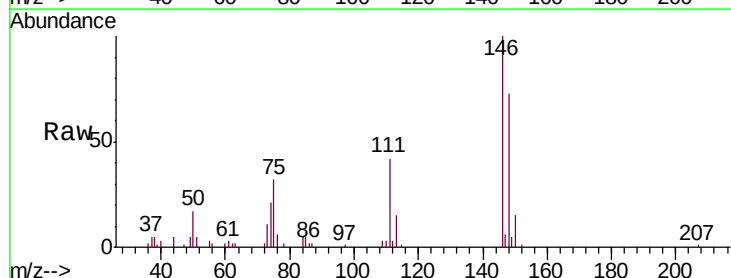
Instrument :
 MSVOA_U
 ClientSampled :
 MDL03

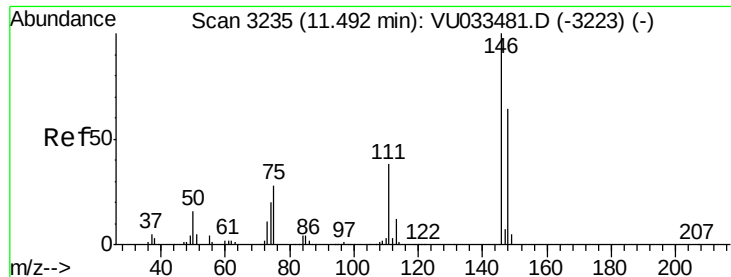
Tgt Ion:105 Resp: 18642
 Ion Ratio Lower Upper
 105 100
 120 47.8 36.6 55.0



#64
 1,3-Dichlorobenzene
 Concen: 2.790 ug/L
 RT: 11.40 min Scan# 3208
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Tgt Ion:146 Resp: 14010
 Ion Ratio Lower Upper
 146 100
 111 42.3 28.2 52.4
 148 72.6 44.4 82.5

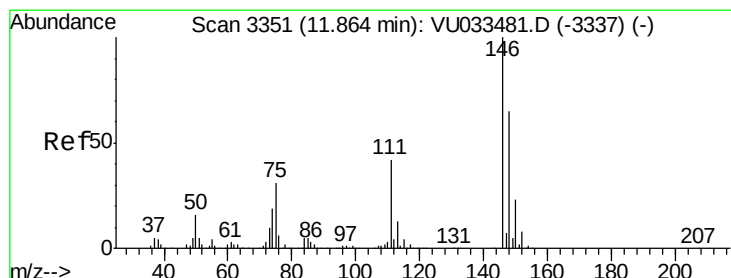
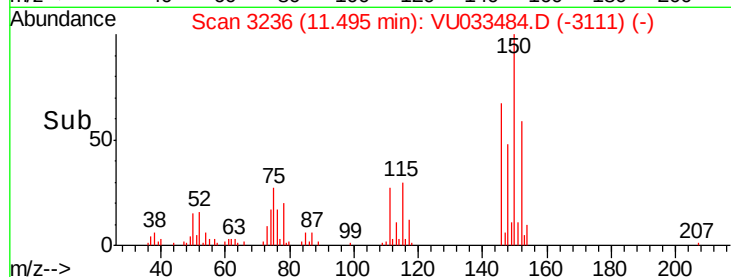
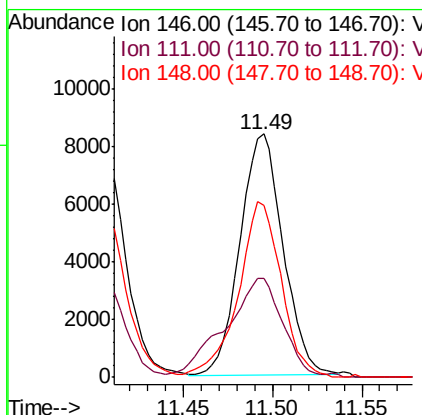
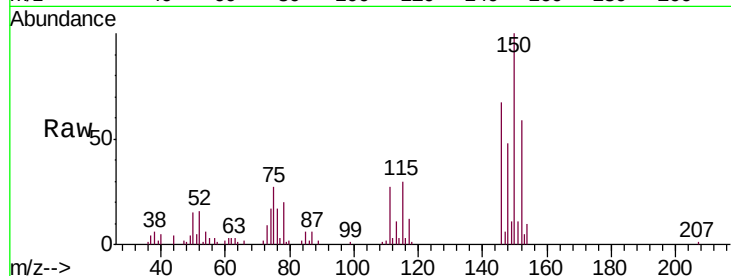




#65
 1,4-Dichlorobenzene
 Concen: 2.706 ug/L
 RT: 11.49 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

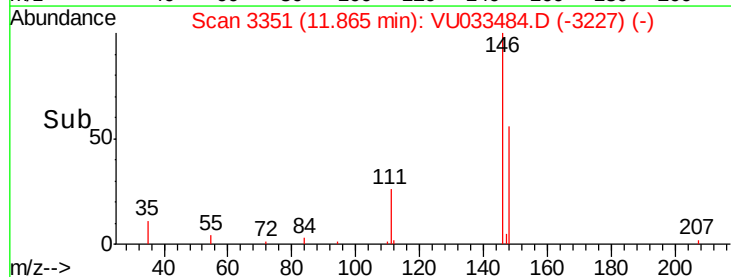
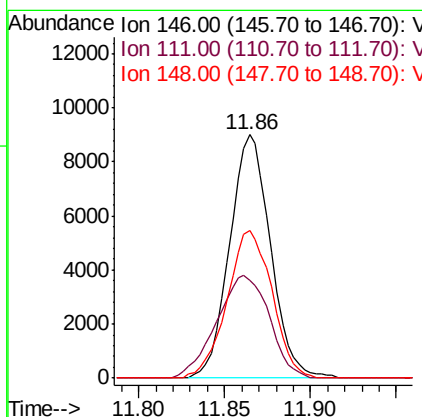
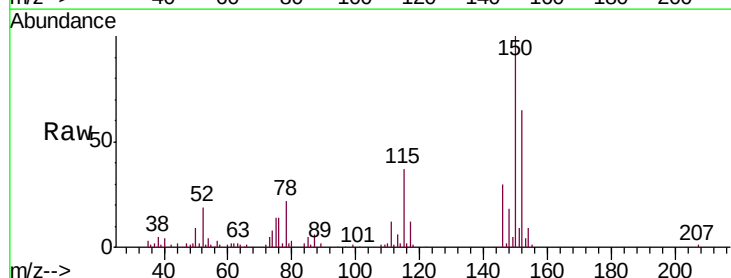
Instrument :
 MSVOA_U
 ClientSampled :
 MDL03

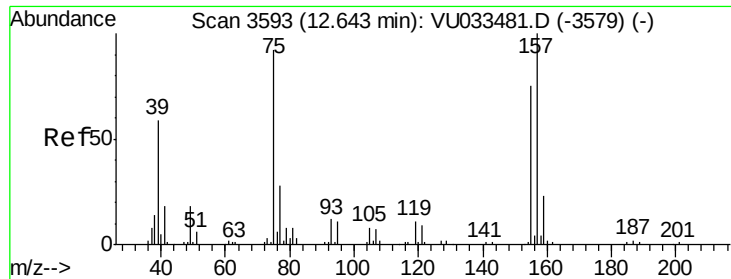
Tgt Ion:146 Resp: 14037
 Ion Ratio Lower Upper
 146 100
 111 40.7 27.0 50.2
 148 70.6 44.7 82.9



#67
 1,2-Dichlorobenzene
 Concen: 2.958 ug/L
 RT: 11.86 min Scan# 3351
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Tgt Ion:146 Resp: 14882
 Ion Ratio Lower Upper
 146 100
 111 40.4 32.8 49.2
 148 60.9 49.2 73.8





#68

1,2-Dibromo-3-chloropropane

Concen: 3.457 ug/L

RT: 12.64 min Scan# 3593

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Instrument :

MSVOA_U

ClientSampleId :

MDL03

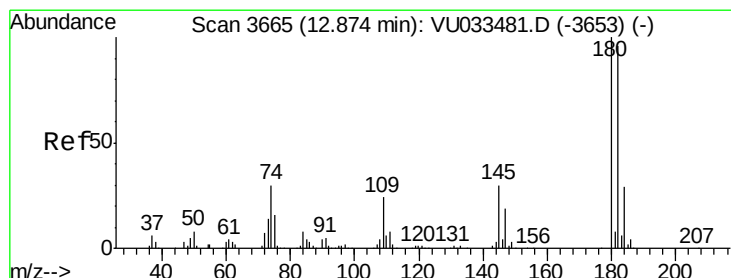
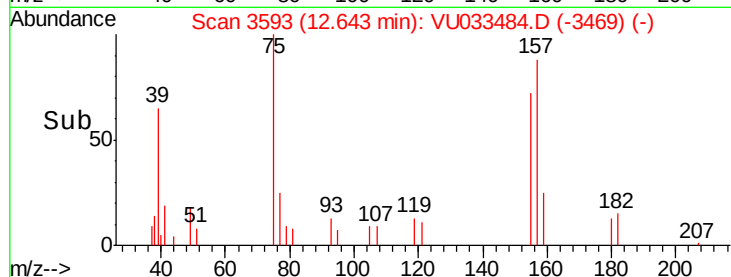
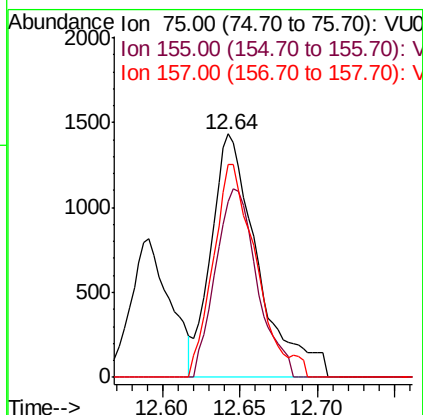
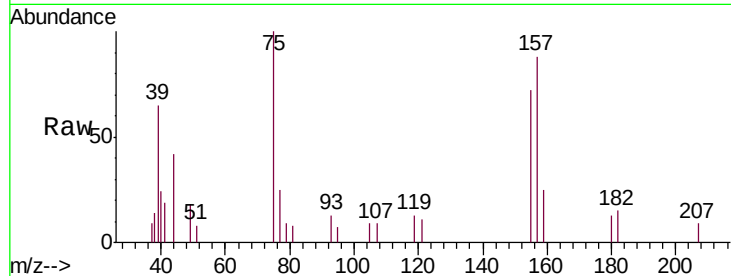
Tgt Ion: 75 Resp: 3011

Ion Ratio Lower Upper

75 100

155 72.0 64.8 97.2

157 87.6 87.1 130.7



#69

1,3,5-Trichlorobenzene

Concen: 2.697 ug/L

RT: 12.88 min Scan# 3666

Delta R.T. 0.00 min

Lab File: VU033484.D

Acq: 30 Jul 2019 11:01

Tgt Ion: 180 Resp: 10283

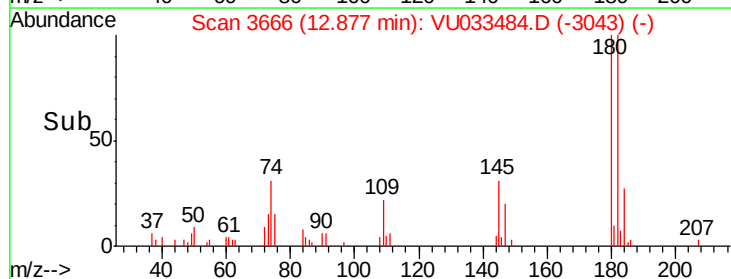
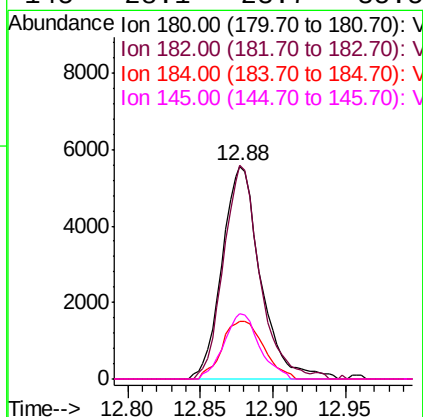
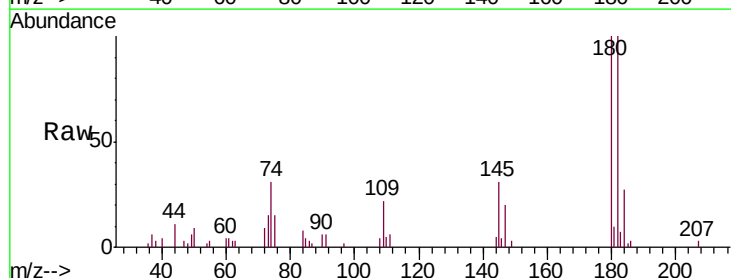
Ion Ratio Lower Upper

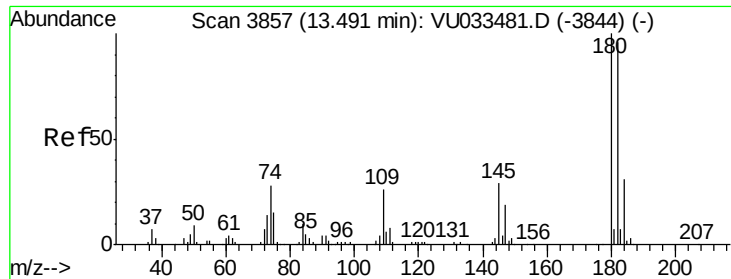
180 100

182 93.6 76.2 114.4

184 29.1 24.1 36.1

145 28.1 23.7 35.5

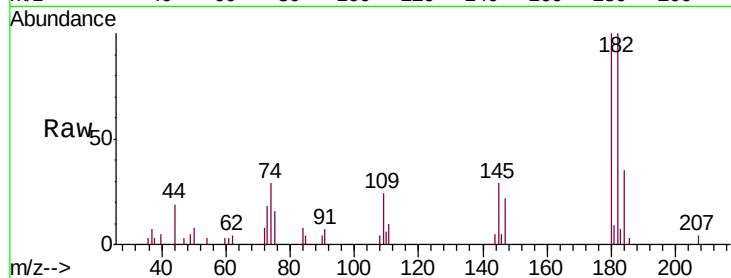




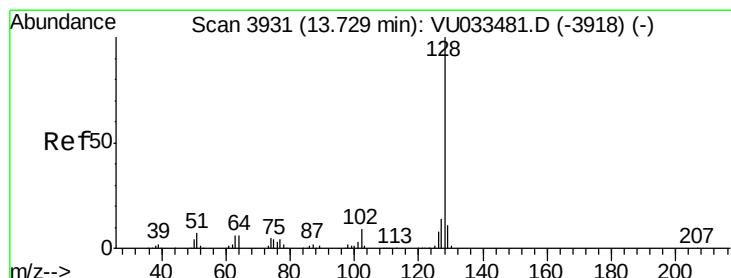
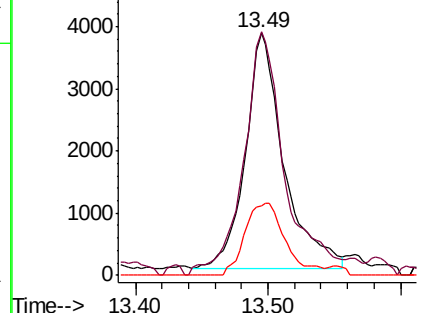
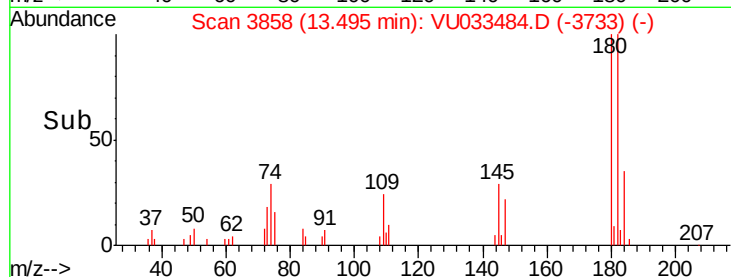
#70
 1,2,4-trichlorobenzene
 Concen: 2.379 ug/L
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Tgt Ion:180 Resp: 7570
 Ion Ratio Lower Upper
 180 100
 182 100.7 77.5 116.3
 145 31.3 23.9 35.9

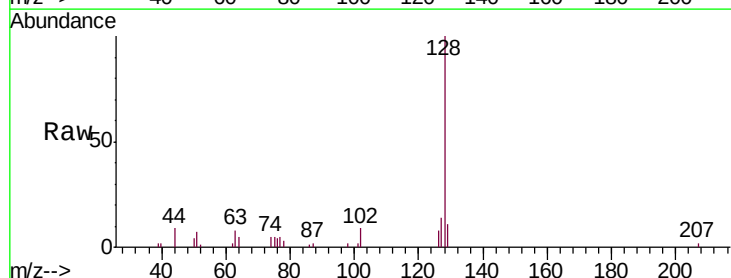


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

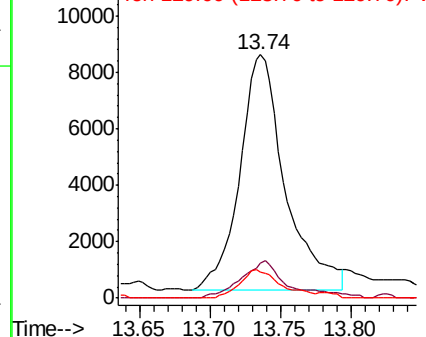
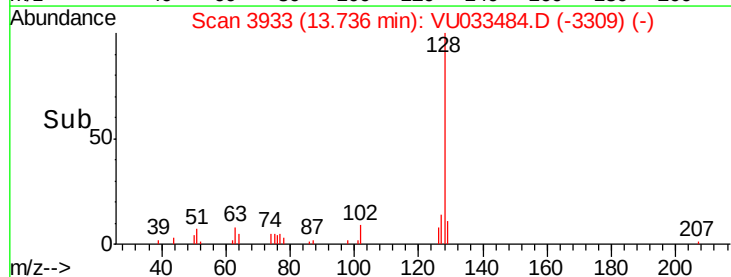


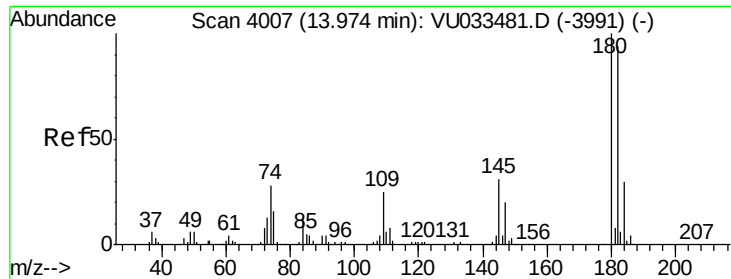
#71
 Naphthalene
 Concen: 2.032 ug/L
 RT: 13.74 min Scan# 3933
 Delta R.T. 0.01 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Tgt Ion:128 Resp: 18695
 Ion Ratio Lower Upper
 128 100
 127 14.3 10.8 16.2
 129 9.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V





#72
 1,2,3-Trichlorobenzene
 Concen: 2.561 ug/L
 RT: 13.98 min Scan# 4009
 Delta R.T. 0.01 min
 Lab File: VU033484.D
 Acq: 30 Jul 2019 11:01

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.4	114.6
145	32.4	24.9	37.3

