

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048369.D
 Acq On : 02 May 2022 15:33
 Operator : SY/MD
 Sample : N2603-10ME
 Misc : 7.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW491ME

Quant Time: May 03 04:14:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	77676	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	78396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	38594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	229365	321.111	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 642.220%#			
7) Chloroethane-d5	1.874	69	100439	200.323	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 400.640%#			
11) 1,1-Dichloroethene-d2	2.536	63	342906	299.614	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 599.220%#			
21) 2-Butanone-d5	4.633	46	611490	1003.726	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 1003.730%#			
24) Chloroform-d	5.064	84	585464	451.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 903.780%#			
26) 1,2-Dichloroethane-d4	5.700	65	378719	492.664	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 985.320%#			
32) Benzene-d6	5.719	84	1211868	490.138	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 980.280%#			
36) 1,2-Dichloropropane-d6	6.690	67	410090	501.691	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 1003.380%#			
41) Toluene-d8	7.899	98	1115601	497.776	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 995.560%#			
43) trans-1,3-Dichloroprop...	8.182	79	185416	514.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 1028.120%#			
47) 2-Hexanone-d5	8.655	63	487384	1105.141	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 1105.140%#			
56) 1,1,2,2-Tetrachloroeth...	10.764	84	708591	494.272	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 988.540%#			
66) 1,2-Dichlorobenzene-d4	12.198	152	477111	549.550	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 1099.100%#			
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3041	4.527	ug/L	92
5) Vinyl chloride	1.601	62	385	0.569	ug/L #	1
6) Bromomethane	1.823	94	547	1.758	ug/L	95
13) Acetone	2.646	43	3190	8.156	ug/L	84
15) Methyl Acetate	2.958	43	4963	6.393	ug/L #	74
16) Methylene chloride	3.038	84	2026	3.077	ug/L	84
22) 2-Butanone	4.720	43	31647	54.720	ug/L	94
27) 1,2-Dichloroethane	5.800	62	710	0.859	ug/L #	72
33) Benzene	5.719	78	8683	3.741	ug/L	100
35) Methylcyclohexane	6.690	83	95174	119.154	ug/L #	20
39) cis-1,3-Dichloropropene	7.565	75	10394	11.193	ug/L #	62
42) Toluene	7.970	91	11080	4.547	ug/L	96
44) trans-1,3-Dichloropropene	8.182	75	7307	8.055	ug/L	85
48) 2-Hexanone	8.655	43	58660	70.525	ug/L #	68
53) m,p-Xylene	9.703	106	682	0.685	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.767	83	2352	1.720	ug/L #	1
60) 1,2,3-Trichloropropane	11.816	75	4161	4.622	ug/L #	65
63) 1,2,4-Trimethylbenzene	11.475	105	1764	1.009	ug/L #	61

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Quant Title : VOC Analysis
QLast Update : Tue May 03 04:11:15 2022
Response via : Initial Calibration

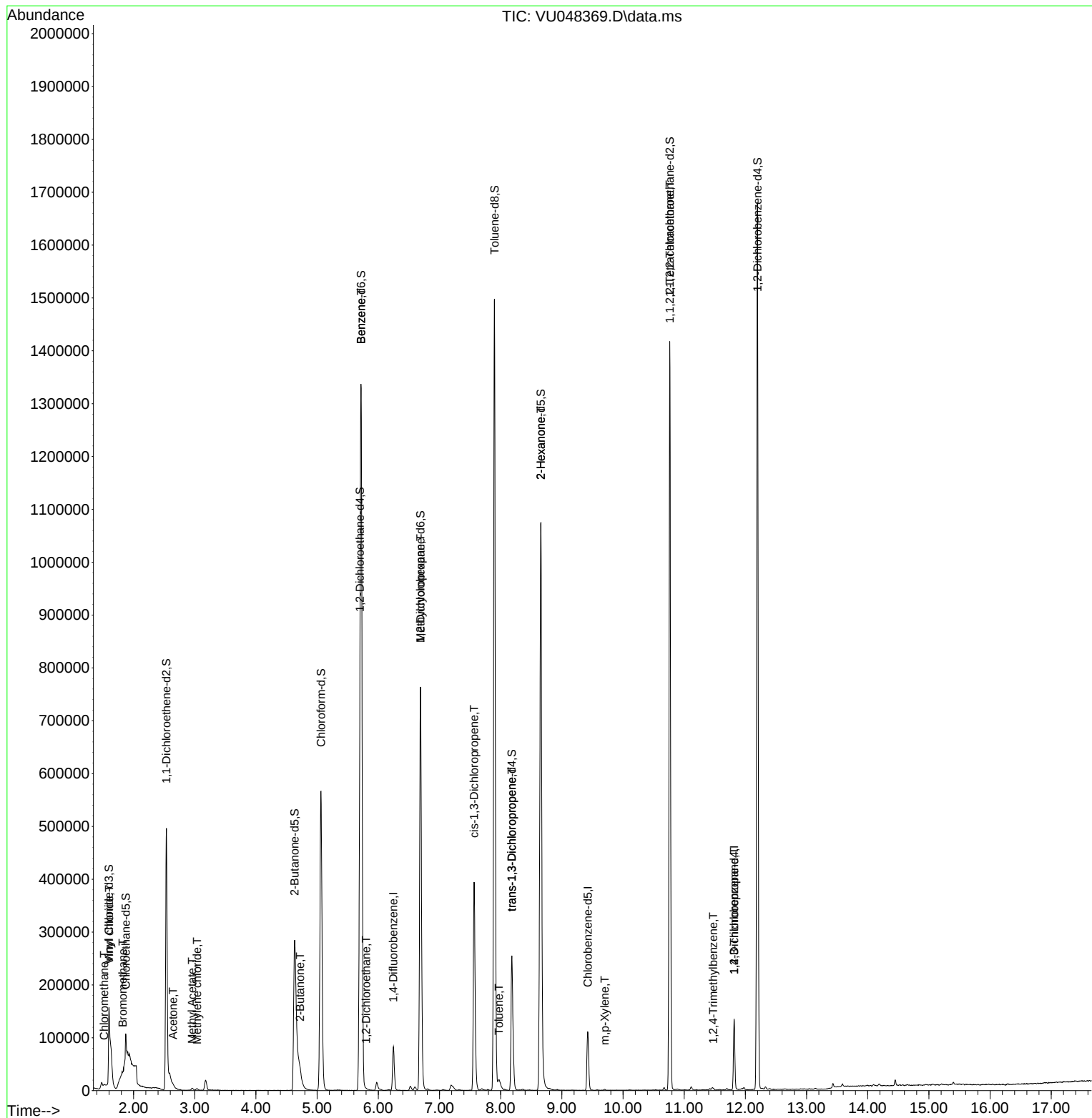
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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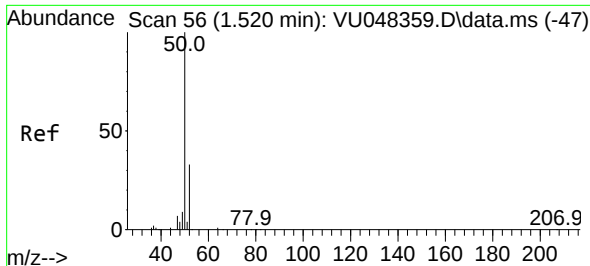
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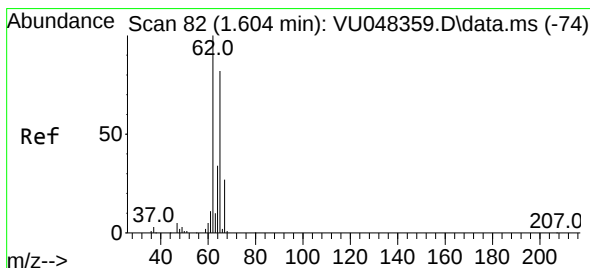
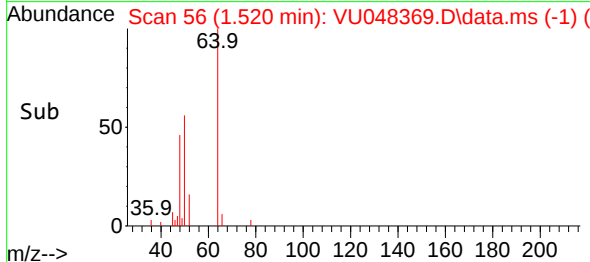
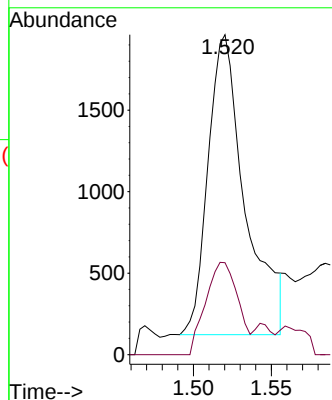
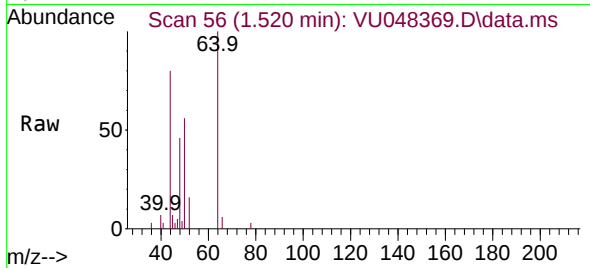




#3
Chloromethane
Concen: 4.527 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

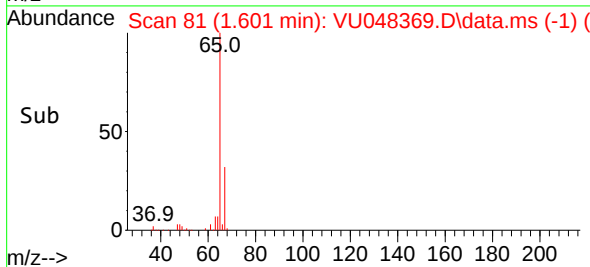
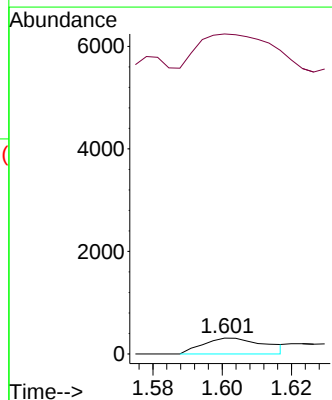
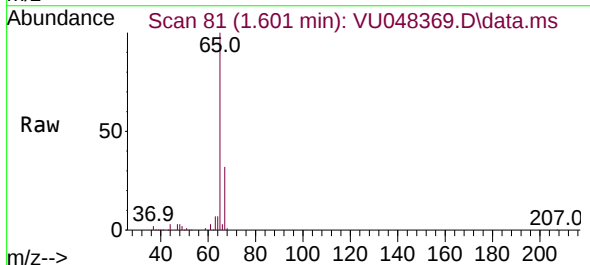
Instrument :
MSVOA_U
ClientSampleId :
EW491ME

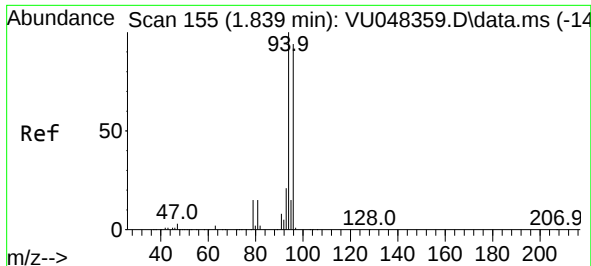
Tgt Ion: 50 Resp: 3041
Ion Ratio Lower Upper
50 100
52 28.7 23.2 43.2



#5
Vinyl chloride
Concen: 0.569 ug/L
RT: 1.601 min Scan# 81
Delta R.T. -0.003 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 62 Resp: 385
Ion Ratio Lower Upper
62 100
64 2026.6 22.5 41.7#

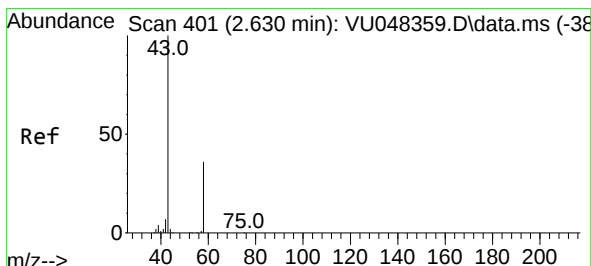
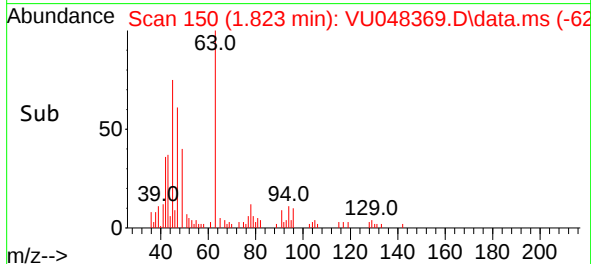
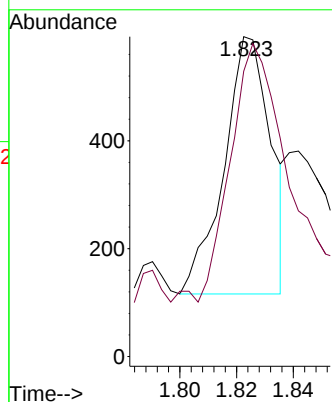
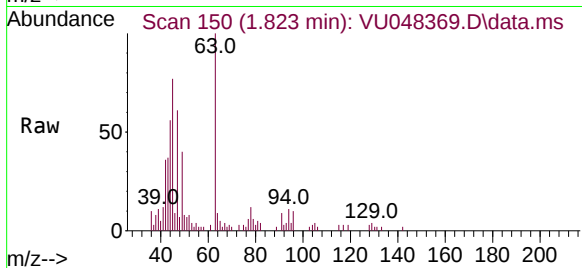




#6
Bromomethane
Concen: 1.758 ug/L
RT: 1.823 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

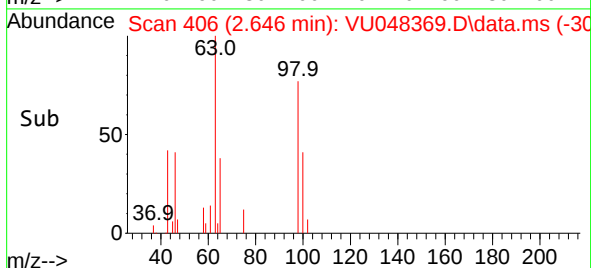
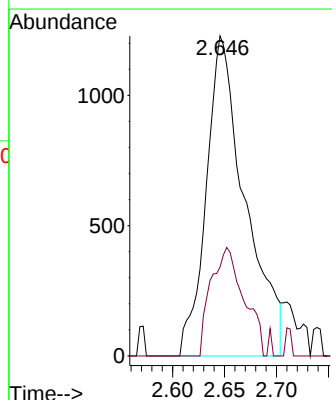
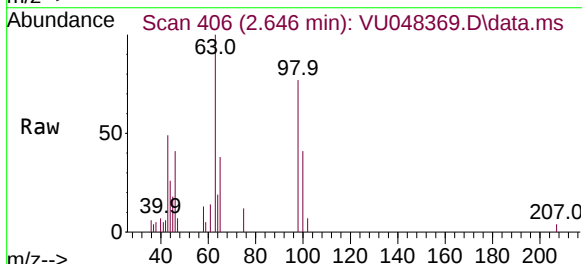
Instrument :
MSVOA_U
ClientSampleId :
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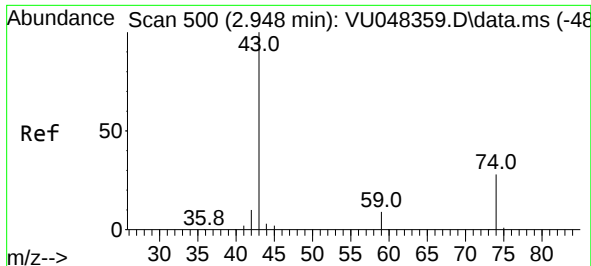
Tgt Ion: 94 Resp: 547
Ion Ratio Lower Upper
94 100
96 89.2 65.8 122.2



#13
Acetone
Concen: 8.156 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.016 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 43 Resp: 3190
Ion Ratio Lower Upper
43 100
58 26.0 0.0 71.2

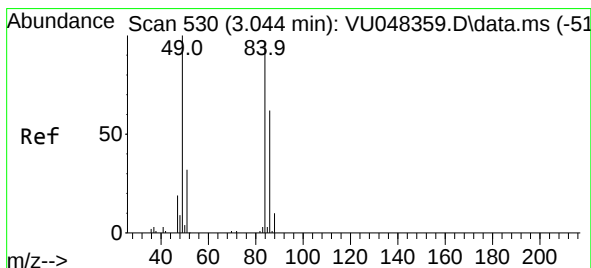
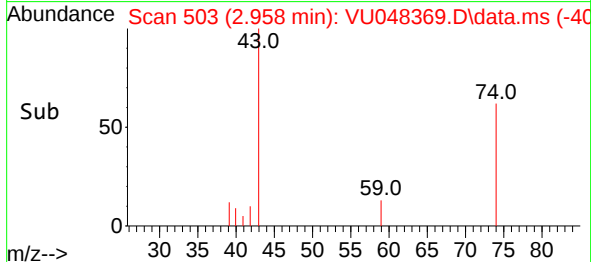
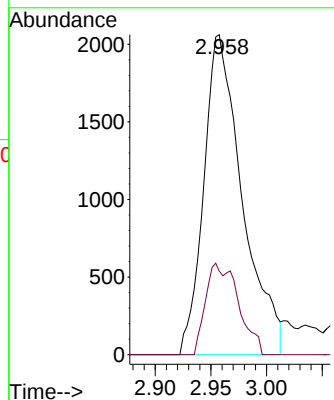
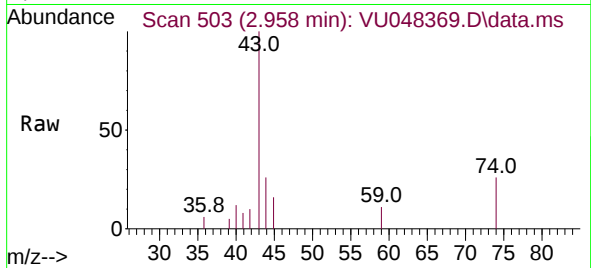




#15
Methyl Acetate
Concen: 6.393 ug/L
RT: 2.958 min Scan# 500
Delta R.T. 0.010 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

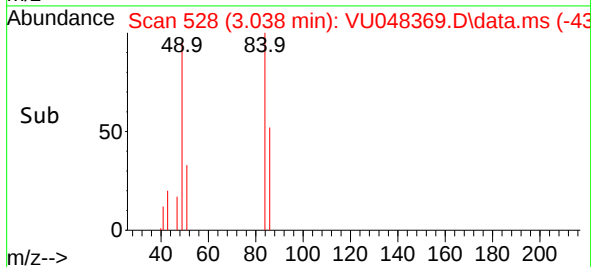
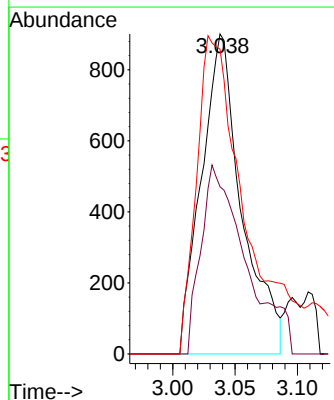
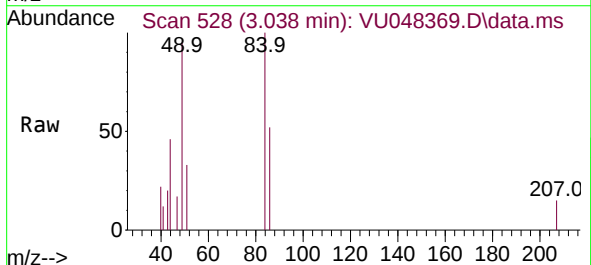
Instrument :
MSVOA_U
ClientSampleId :
EW491ME

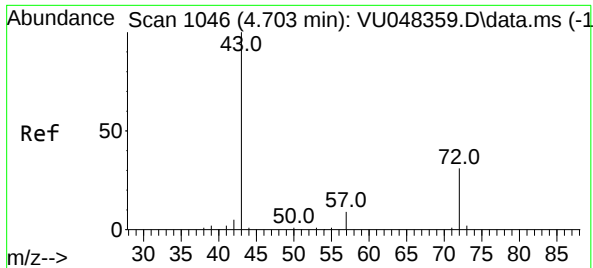
Tgt Ion: 43 Resp: 4963
Ion Ratio Lower Upper
43 100
74 12.9 21.0 31.6#



#16
Methylene chloride
Concen: 3.077 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.006 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 84 Resp: 2026
Ion Ratio Lower Upper
84 100
86 52.3 45.4 84.2
49 95.2 79.2 147.0

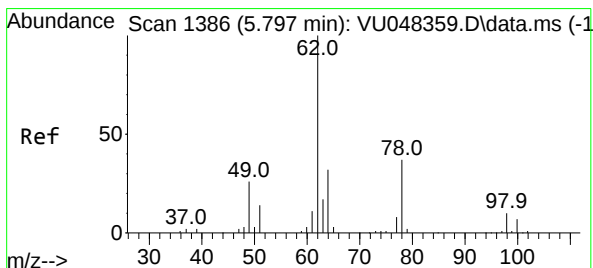
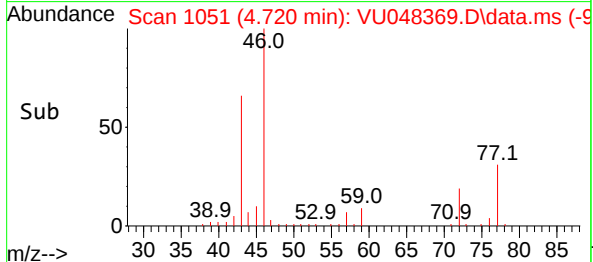
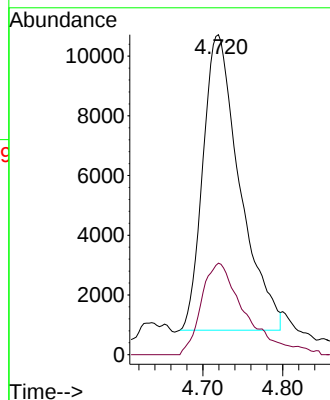
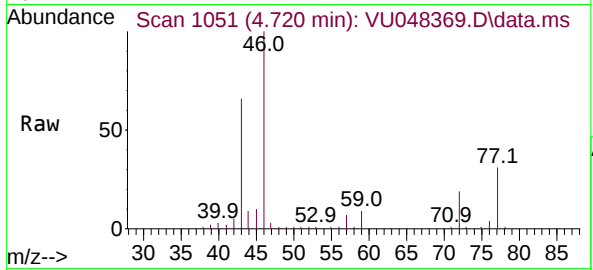




#22
2-Butanone
Concen: 54.720 ug/L
RT: 4.720 min Scan# 1051
Delta R.T. 0.016 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

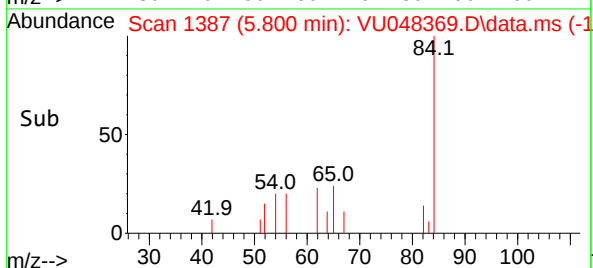
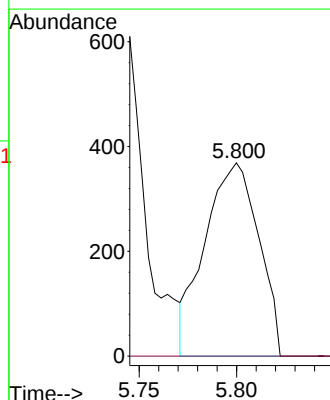
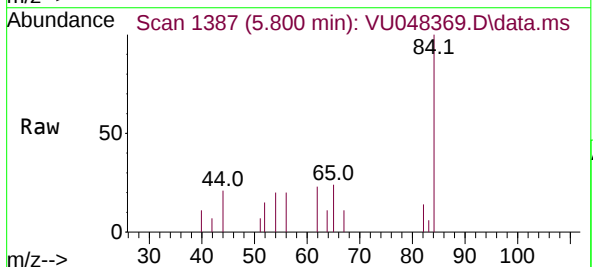
Instrument :
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ClientSampleId :
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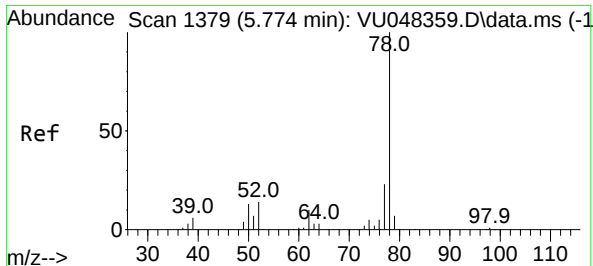
Tgt Ion: 43 Resp: 31647
Ion Ratio Lower Upper
43 100
72 32.3 14.6 43.8



#27
1,2-Dichloroethane
Concen: 0.859 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 62 Resp: 710
Ion Ratio Lower Upper
62 100
98 0.0 8.5 12.7#

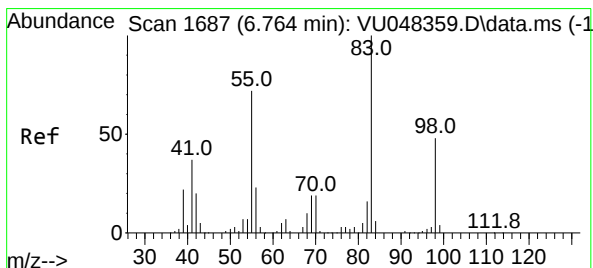
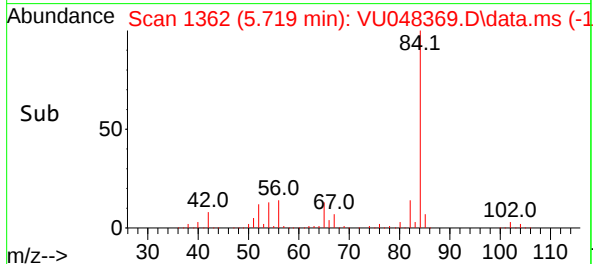
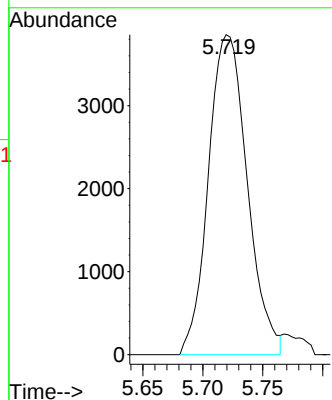
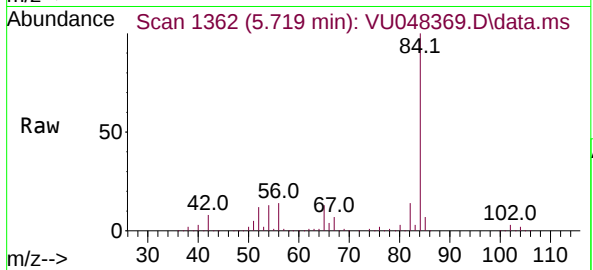




#33
Benzene
Concen: 3.741 ug/L
RT: 5.719 min Scan# 11
Delta R.T. -0.055 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

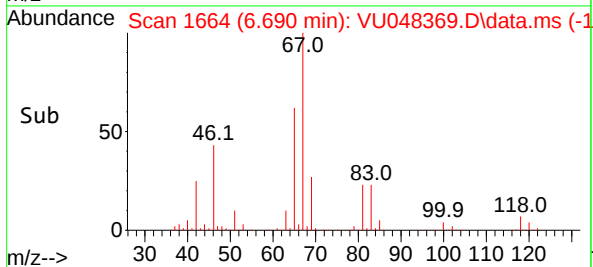
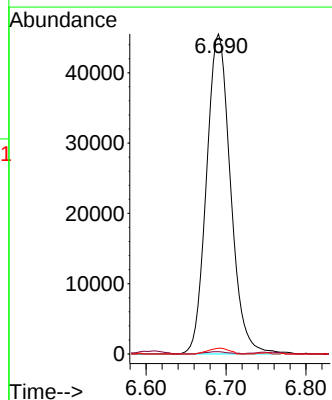
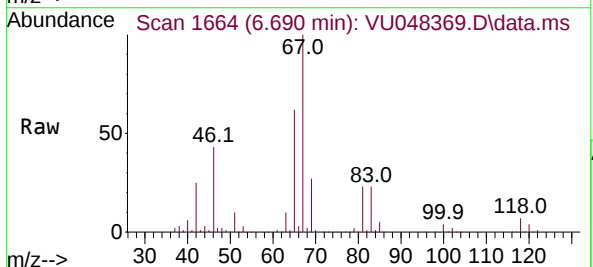
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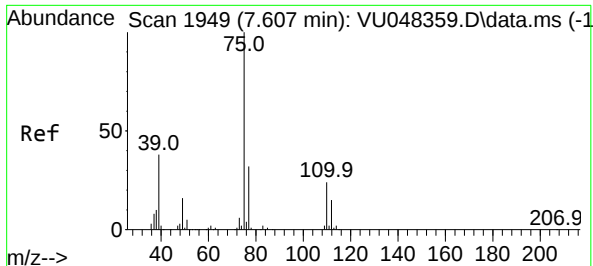
Tgt Ion: 78 Resp: 8683



#35
Methylcyclohexane
Concen: 119.154 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 83 Resp: 95174
Ion Ratio Lower Upper
83 100
55 0.7 59.4 89.2#
98 1.6 37.3 55.9#





#39

cis-1,3-Dichloropropene

Concen: 11.193 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048369.D

Acq: 02 May 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

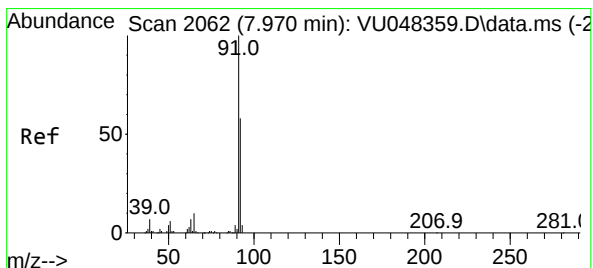
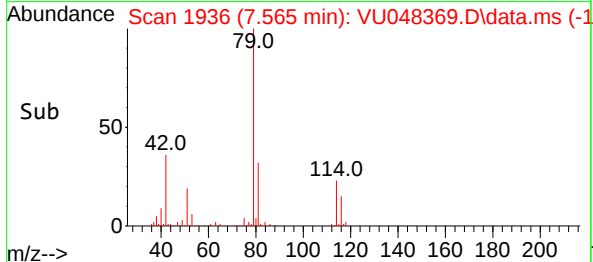
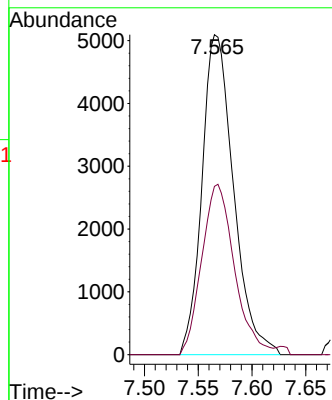
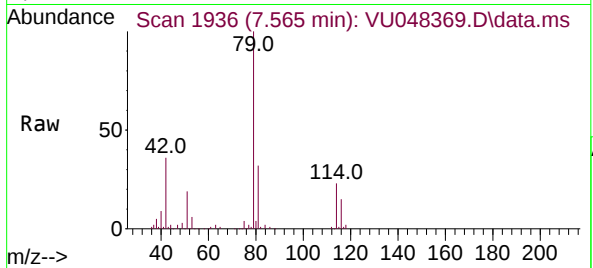
EW491ME

Tgt Ion: 75 Resp: 10394

Ion Ratio Lower Upper

75 100

77 52.6 22.0 41.0#



#42

Toluene

Concen: 4.547 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048369.D

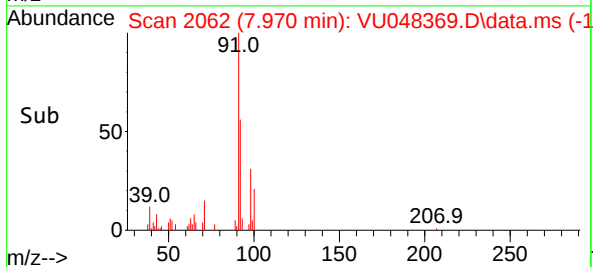
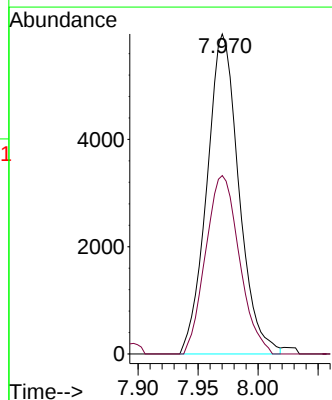
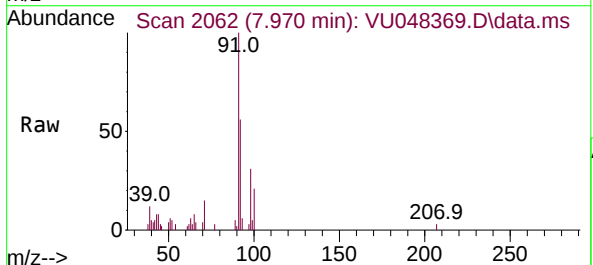
Acq: 02 May 2022 15:33

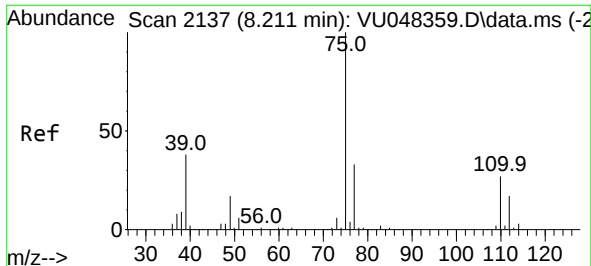
Tgt Ion: 91 Resp: 11080

Ion Ratio Lower Upper

91 100

92 55.8 40.9 76.0

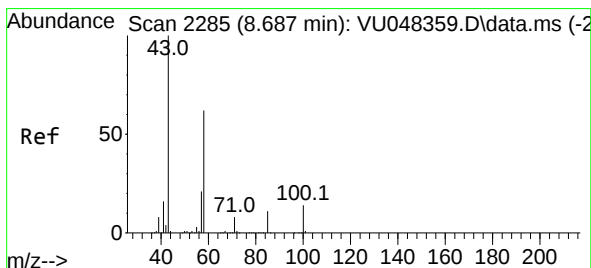
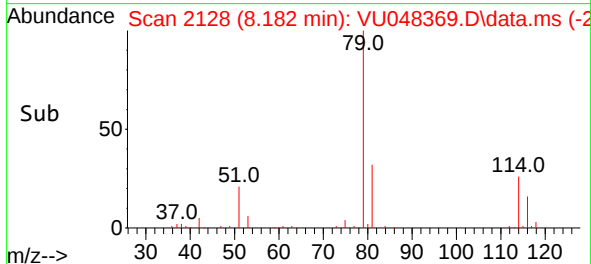
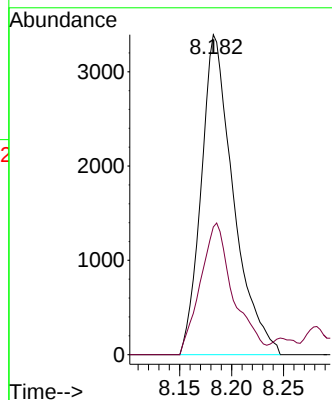
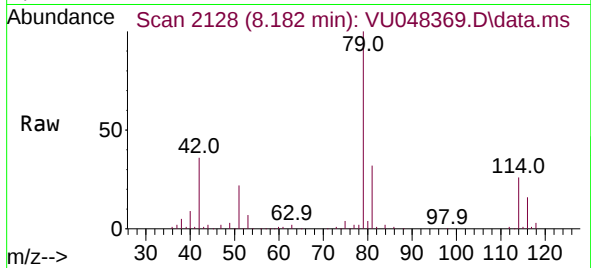




#44
trans-1,3-Dichloropropene
Concen: 8.055 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

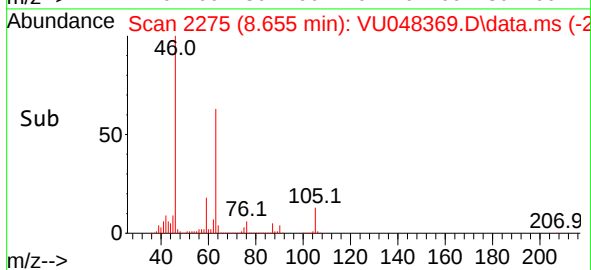
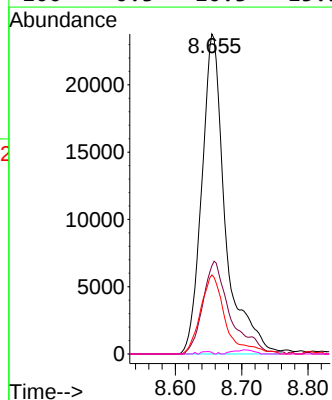
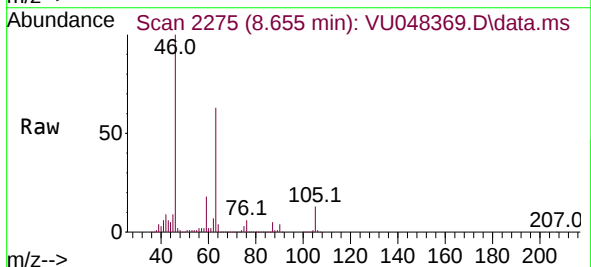
Instrument :
MSVOA_U
ClientSampleId :
EW491ME

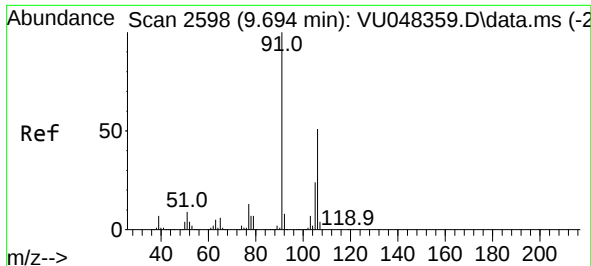
Tgt Ion: 75 Resp: 7307
Ion Ratio Lower Upper
75 100
77 39.9 22.1 41.1



#48
2-Hexanone
Concen: 70.525 ug/L
RT: 8.655 min Scan# 2275
Delta R.T. -0.032 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 43 Resp: 58660
Ion Ratio Lower Upper
43 100
58 31.1 48.1 72.1#
57 25.8 16.2 24.4#
100 0.3 10.3 15.5#

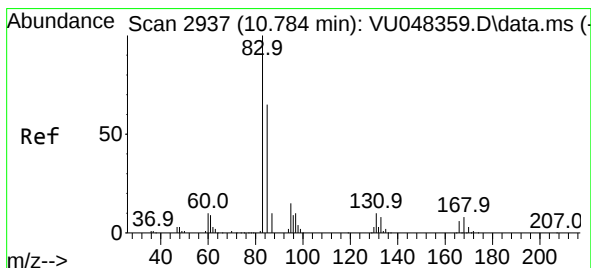
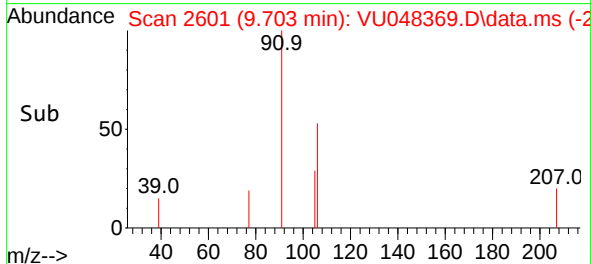
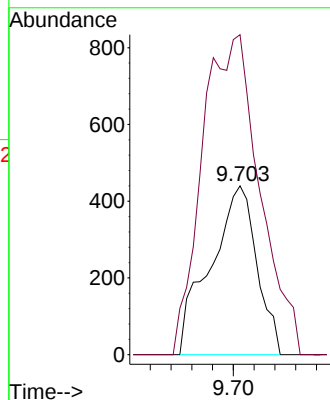
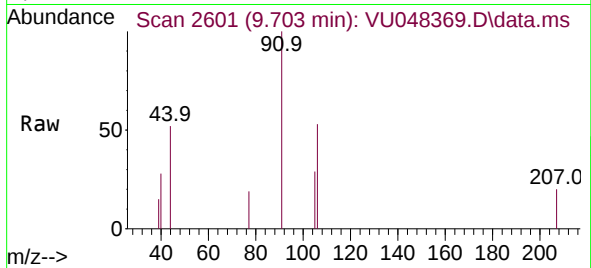




#53
m,p-Xylene
Concen: 0.685 ug/L
RT: 9.703 min Scan# 2061
Delta R.T. 0.010 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

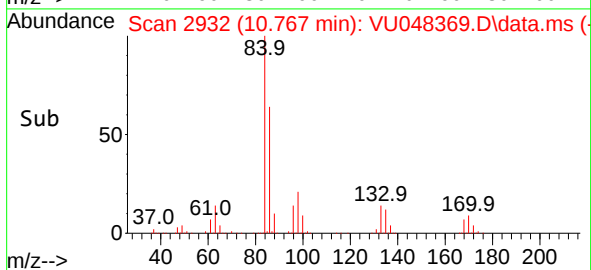
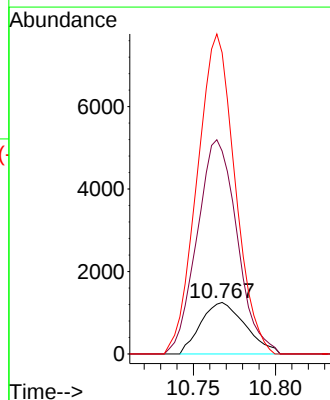
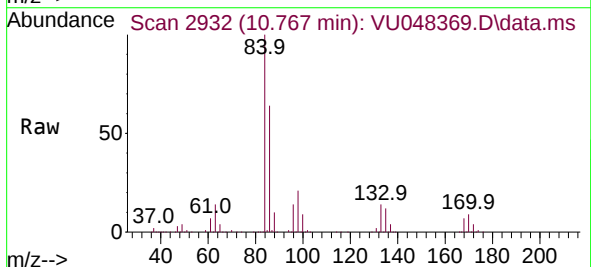
Instrument :
MSVOA_U
ClientSampleId :
EW491ME

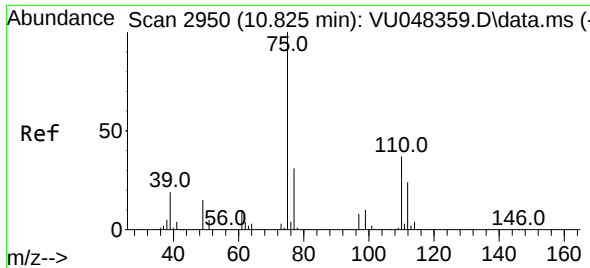
Tgt Ion:106 Resp: 682
Ion Ratio Lower Upper
106 100
91 189.5 137.4 255.2



#57
1,1,2,2-Tetrachloroethane
Concen: 1.720 ug/L
RT: 10.767 min Scan# 2932
Delta R.T. -0.016 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 83 Resp: 2352
Ion Ratio Lower Upper
83 100
85 394.2 45.1 83.7#
131 585.5 7.8 11.6#

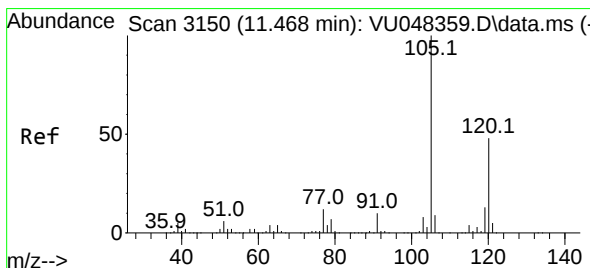
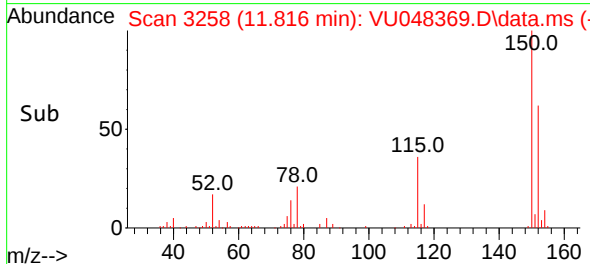
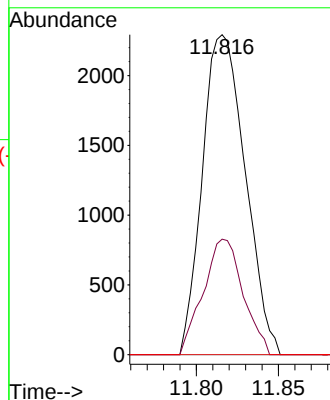
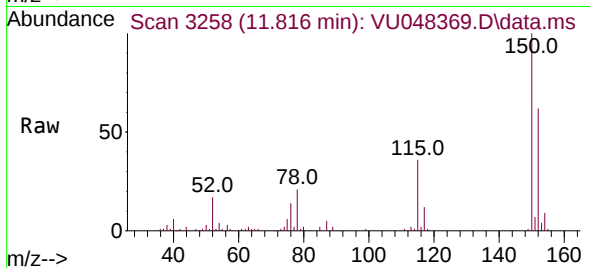




#60
1,2,3-Trichloropropane
Concen: 4.622 ug/L
RT: 11.816 min Scan# 3125
Delta R.T. 0.990 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :
EW491ME

Tgt Ion: 75 Resp: 4161
Ion Ratio Lower Upper
75 100
77 33.5 25.8 38.8
110 0.0 29.9 44.9#



#63
1,2,4-Trimethylbenzene
Concen: 1.009 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.006 min
Lab File: VU048369.D
Acq: 02 May 2022 15:33

Tgt Ion: 105 Resp: 1764
Ion Ratio Lower Upper
105 100
120 21.1 38.0 57.0#

