

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050222\
 Data File : VU048375.D
 Acq On : 02 May 2022 17:55
 Operator : SY/MD
 Sample : N2639-15
 Misc : 5.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 19 Sample Multiplier: 1

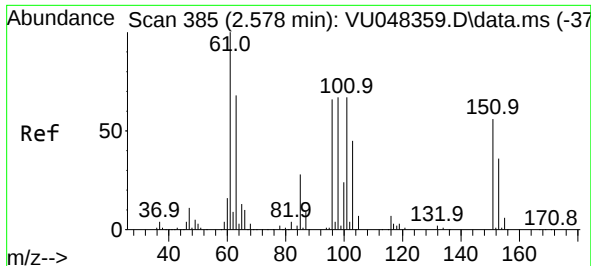
Instrument :
 MSVOA_U
 ClientSampleId :
 EXL23

Quant Time: May 03 04:16:04 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	478969	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	469665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	227110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	63058	14.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	28.640%#
7) Chloroethane-d5	1.896	69	25152	8.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.280%#
11) 1,1-Dichloroethene-d2	2.530	63	182650	25.881	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.760%#
21) 2-Butanone-d5	4.652	46	331470	88.237	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.240%
24) Chloroform-d	5.067	84	321515	40.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.480%
26) 1,2-Dichloroethane-d4	5.703	65	212188	44.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
32) Benzene-d6	5.723	84	667958	45.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
36) 1,2-Dichloropropane-d6	6.690	67	224892	45.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.840%
41) Toluene-d8	7.899	98	606674	45.184	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.360%
43) trans-1,3-Dichloroprop...	8.186	79	98402	45.538	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.080%
47) 2-Hexanone-d5	8.674	63	242933	91.947	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.950%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	358309	41.719	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.440%
66) 1,2-Dichlorobenzene-d4	12.198	152	252748	49.472	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.940%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.533	101	1513	0.419	ug/L #	18
13) Acetone	2.658	43	12910	5.353	ug/L	94
15) Methyl Acetate	2.967	43	5248	1.096	ug/L #	83
22) 2-Butanone	4.732	43	99659	27.945	ug/L	96
27) 1,2-Dichloroethane	5.719	62	3365	0.660	ug/L	95
35) Methylcyclohexane	6.694	83	51604	10.784	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	22327	5.643	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	5475	0.984	ug/L #	73
44) trans-1,3-Dichloropropene	8.182	75	4118	0.758	ug/L	91
60) 1,2,3-Trichloropropane	11.819	75	22567	4.259	ug/L #	69

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



#10

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

Concen: 0.419 ug/L

RT: 2.533 min Scan# 31

Delta R.T. -0.045 min

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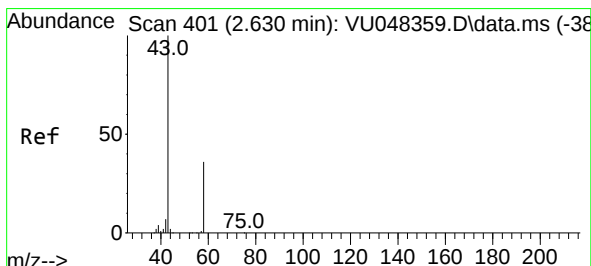
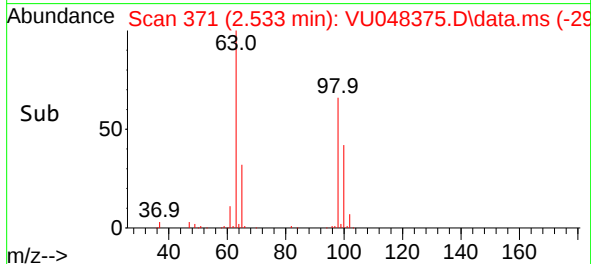
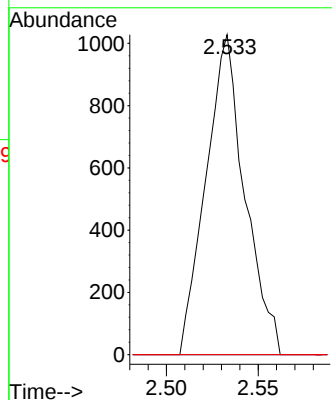
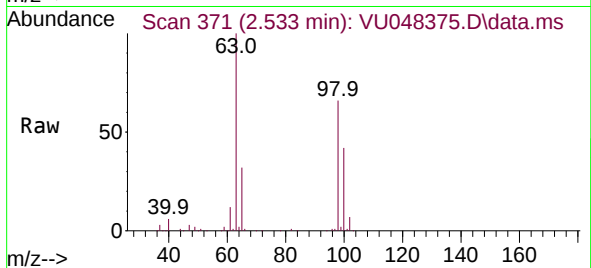
Tgt Ion:101 Resp: 1513

Ion Ratio Lower Upper

101 100

85 0.0 32.6 48.8#

151 0.0 64.1 96.1#



#13

Acetone

Concen: 5.353 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.029 min

Lab File: VU048375.D

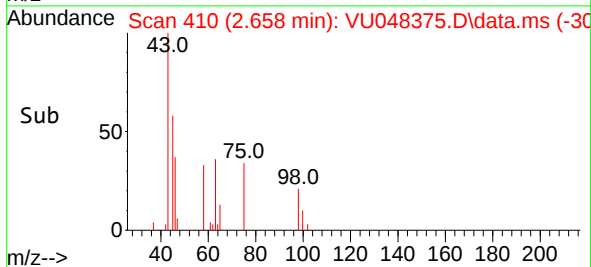
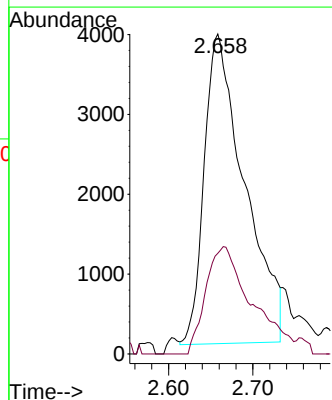
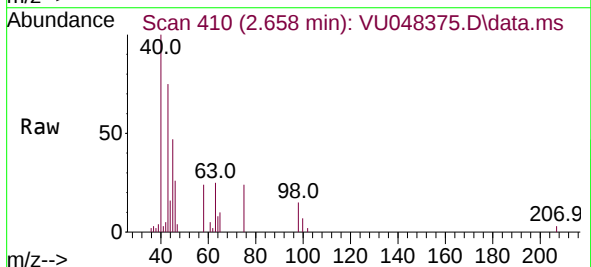
Acq: 02 May 2022 17:55

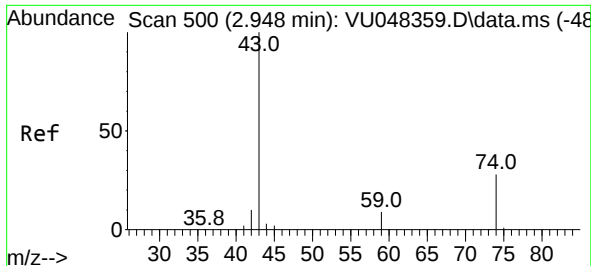
Tgt Ion: 43 Resp: 12910

Ion Ratio Lower Upper

43 100

58 39.4 0.0 71.2

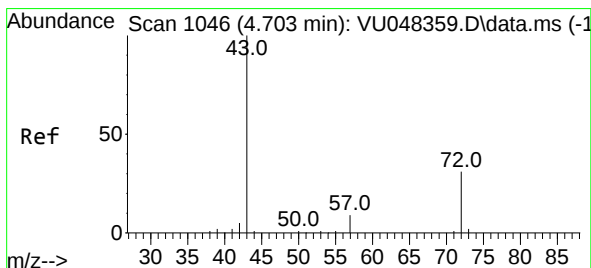
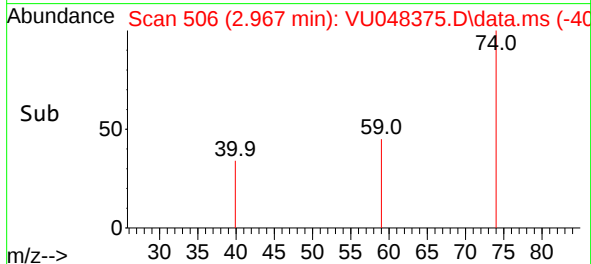
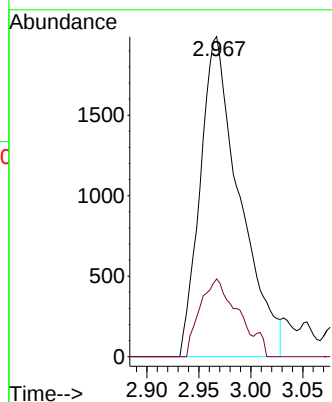
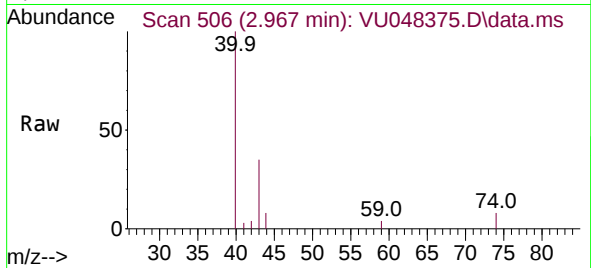




#15
Methyl Acetate
Concen: 1.096 ug/L
RT: 2.967 min Scan# 50
Delta R.T. 0.019 min
Lab File: VU048375.D
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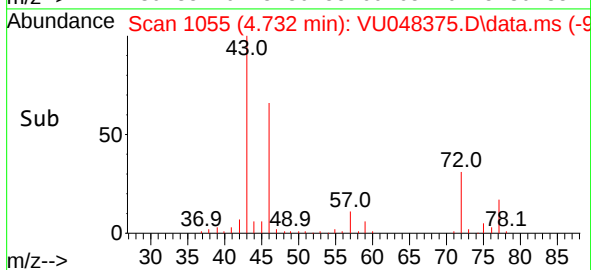
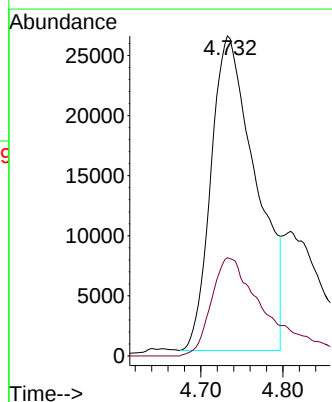
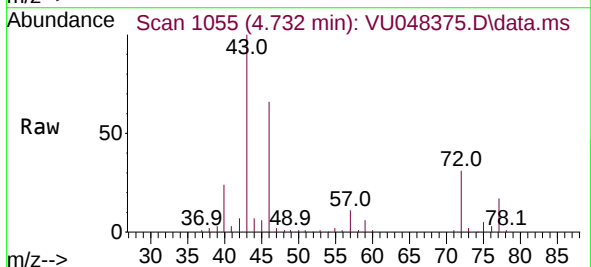
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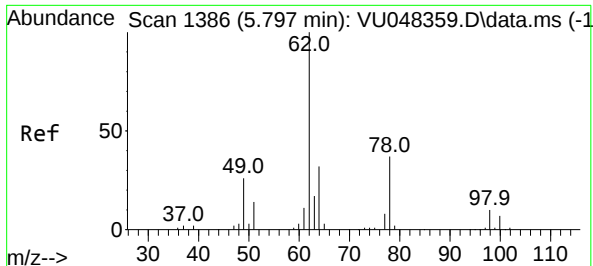
Tgt Ion: 43 Resp: 5248
Ion Ratio Lower Upper
43 100
74 17.7 21.0 31.6#



#22
2-Butanone
Concen: 27.945 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. 0.029 min
Lab File: VU048375.D
Acq: 02 May 2022 17:55

Tgt Ion: 43 Resp: 99659
Ion Ratio Lower Upper
43 100
72 31.5 14.6 43.8





#27

1,2-Dichloroethane

Concen: 0.660 ug/L

RT: 5.719 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU048375.D

Acq: 02 May 2022 17:55

Instrument :

MSVOA_U

ClientSampleId :

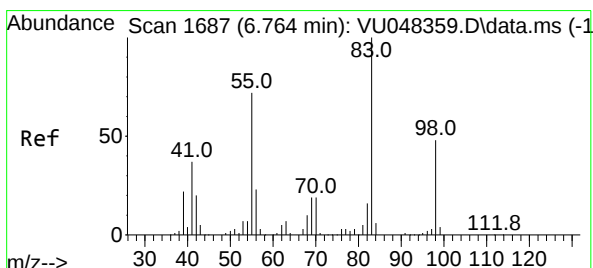
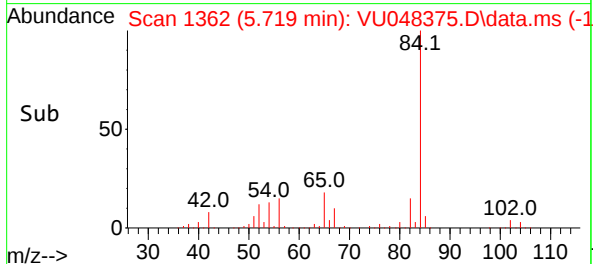
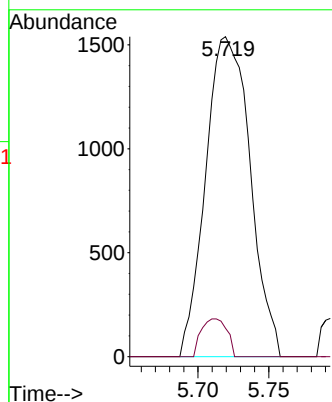
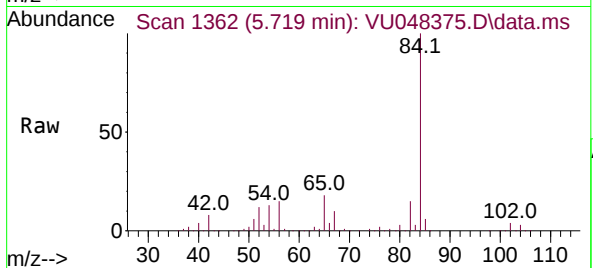
EXL23

Tgt Ion: 62 Resp: 3365

Ion Ratio Lower Upper

62 100

98 8.9 8.5 12.7



#35

Methylcyclohexane

Concen: 10.784 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU048375.D

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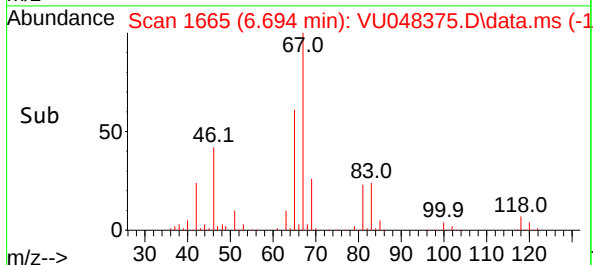
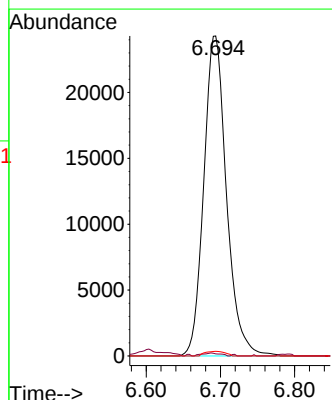
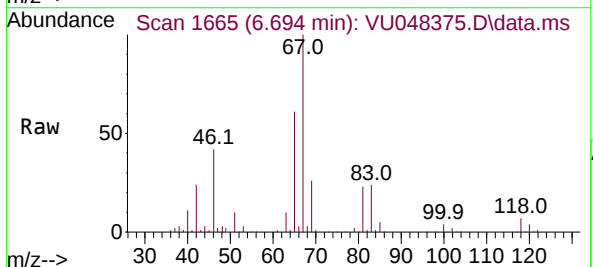
Tgt Ion: 83 Resp: 51604

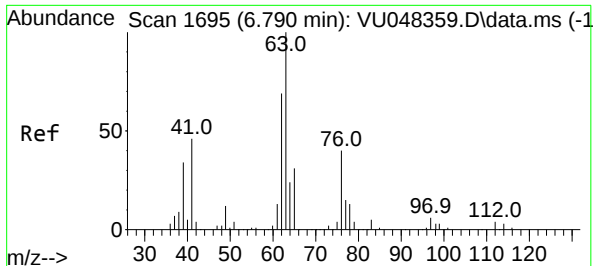
Ion Ratio Lower Upper

83 100

55 0.7 59.4 89.2#

98 1.3 37.3 55.9#





#37

1,2-Dichloropropane

Concen: 5.643 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048375.D

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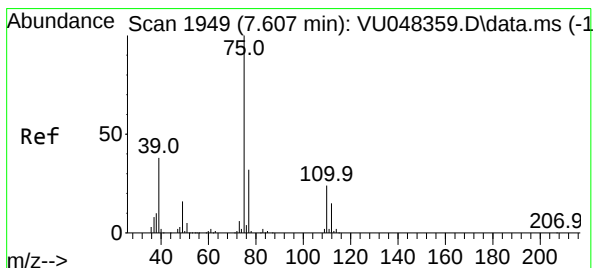
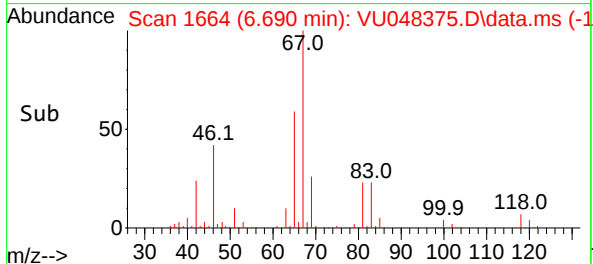
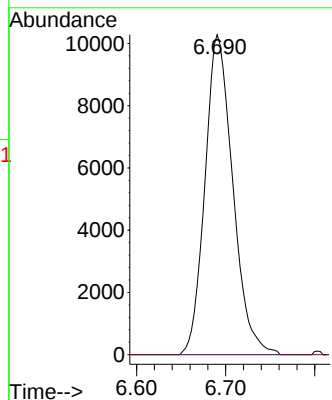
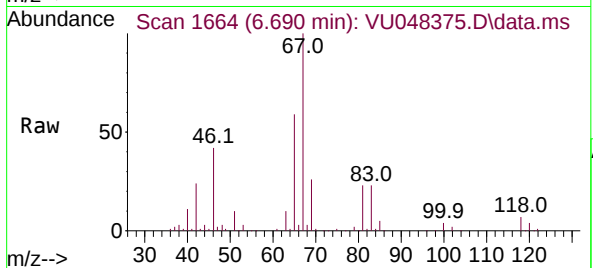
EXL23

Tgt Ion: 63 Resp: 22327

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.984 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.039 min

Lab File: VU048375.D

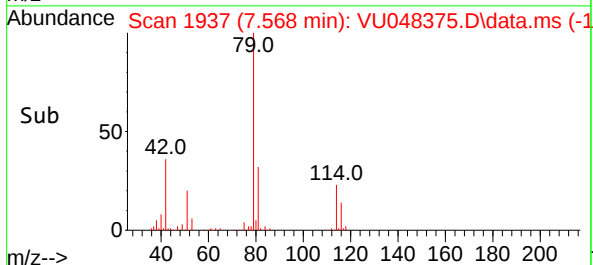
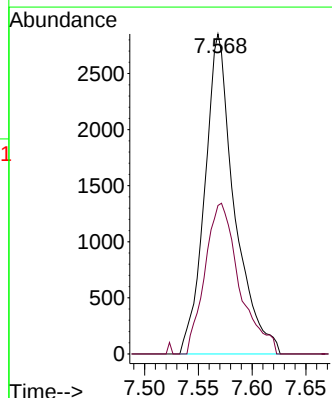
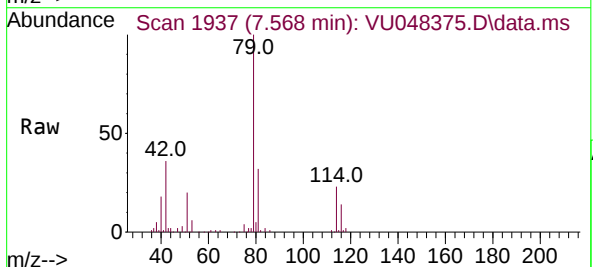
Acq: 02 May 2022 17:55

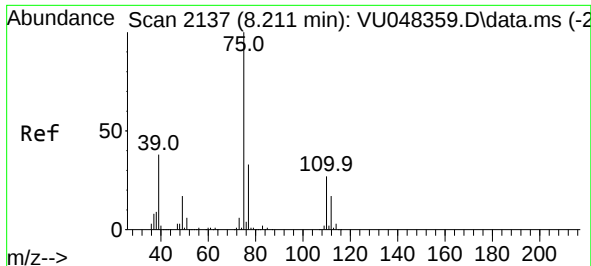
Tgt Ion: 75 Resp: 5475

Ion Ratio Lower Upper

75 100

77 46.4 22.0 41.0#

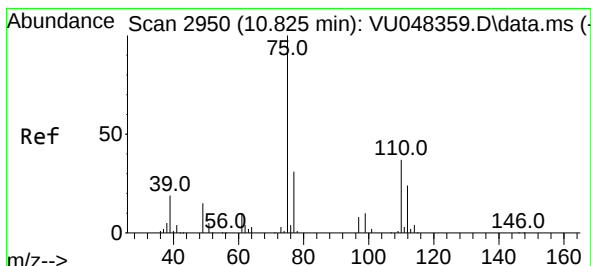
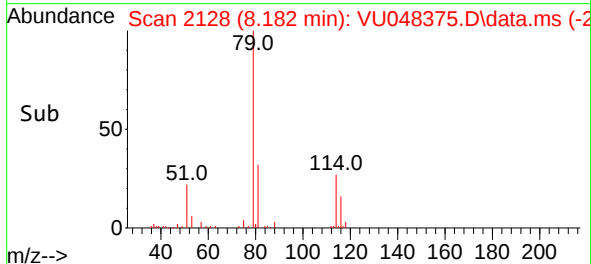
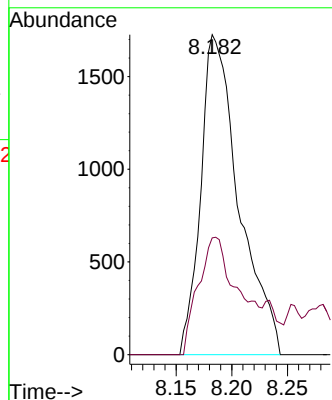
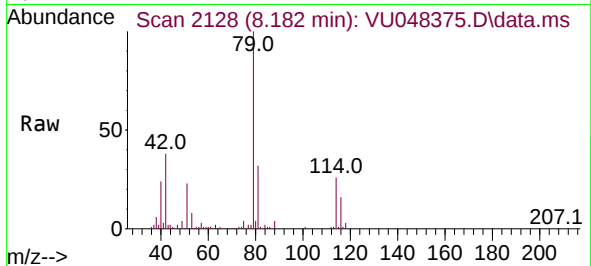




#44
trans-1,3-Dichloropropene
Concen: 0.758 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU048375.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 75 Resp: 4118
Ion Ratio Lower Upper
75 100
77 36.5 22.1 41.1



#60
1,2,3-Trichloropropane
Concen: 4.259 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.994 min
Lab File: VU048375.D
Acq: 02 May 2022 17:55

Tgt Ion: 75 Resp: 22567
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8
110 2.9 29.9 44.9#

