

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049028.D
 Acq On : 11 Jun 2022 04:02
 Operator : SY/MD
 Sample : N3249-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

Quant Time: Jun 11 07:56:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 11 04:33:31 2022
 Response via : Initial Calibration

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

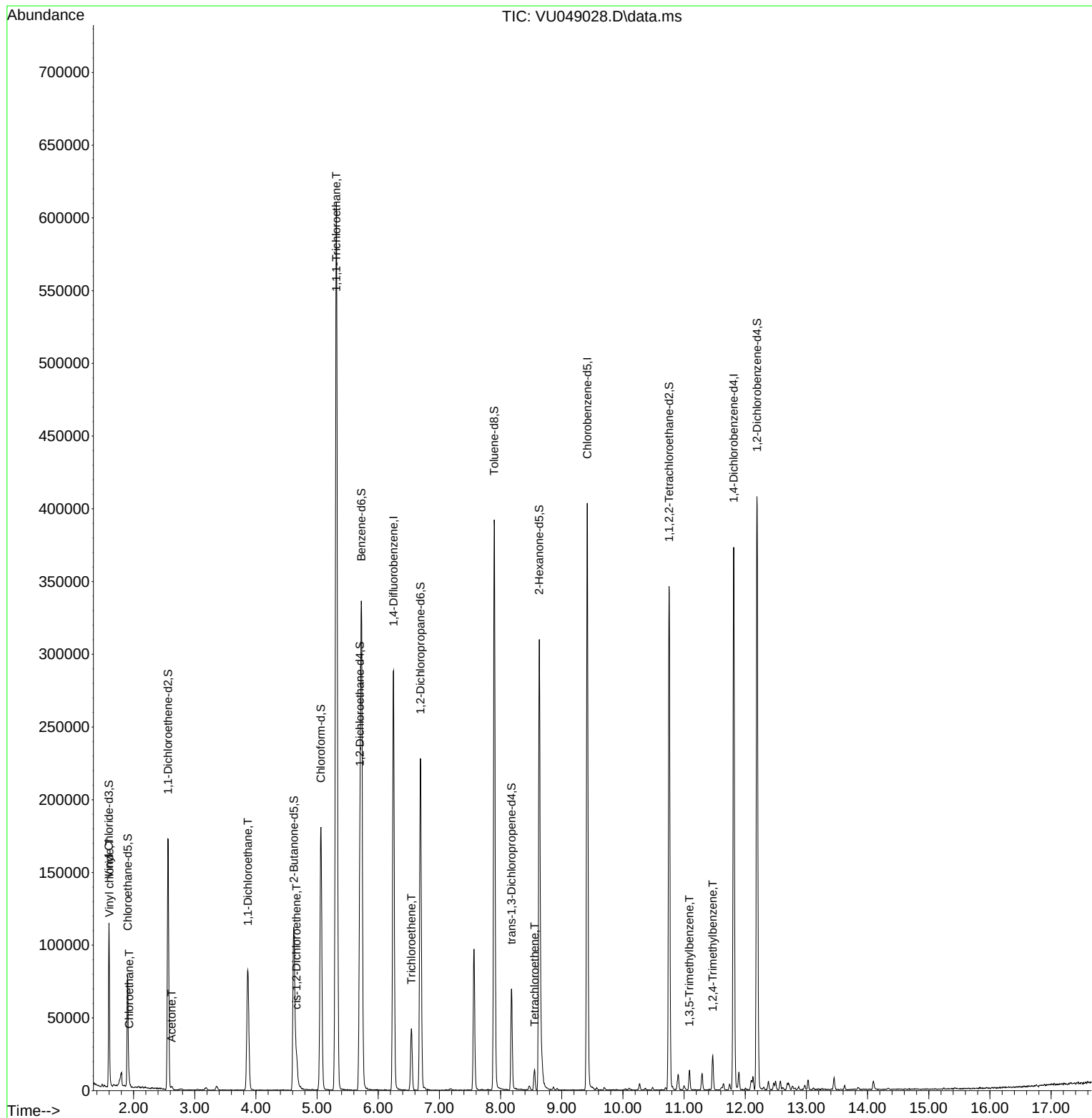
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	233285	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	226320	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	71948	50.063	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 100.120%		
7) Chloroethane-d5	1.903	69	56191	53.251	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 106.500%		
11) 1,1-Dichloroethene-d2	2.562	63	104384	38.492	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 76.980%		
21) 2-Butanone-d5	4.620	46	162771	103.302	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 103.300%		
24) Chloroform-d	5.064	84	170386	55.576	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.160%		
26) 1,2-Dichloroethane-d4	5.700	65	115654	58.228	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 116.460%		
32) Benzene-d6	5.726	84	309375	55.127	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 110.260%		
36) 1,2-Dichloropropane-d6	6.690	67	109146	57.853	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 115.700%		
41) Toluene-d8	7.896	98	262157	52.968	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 105.940%		
43) trans-1,3-Dichloroprop...	8.179	79	40578	45.719	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 91.440%		
47) 2-Hexanone-d5	8.633	63	93462	94.655	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 94.650%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	169544	53.806	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 107.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	106740	60.489	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 120.980%#		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.604	62	6830	3.320	ug/L	# 75
8) Chloroethane	1.925	64	2366	2.059	ug/L	96
13) Acetone	2.623	43	2772	2.236	ug/L	93
19) 1,1-Dichloroethane	3.867	63	96655	28.364	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	8195	4.258	ug/L	87
30) 1,1,1-Trichloroethane	5.314	97	450909	142.864	ug/L	99
34) Trichloroethene	6.543	95	14214	7.691	ug/L	95
46) Tetrachloroethene	8.559	164	3381	2.360	ug/L	90
62) 1,3,5-Trimethylbenzene	11.086	105	7756	1.319	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	12655	2.703	ug/L	88

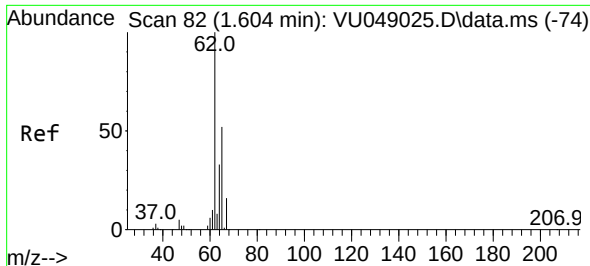
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
Data File : VU049028.D
Acq On : 11 Jun 2022 04:02
Operator : SY/MD
Sample : N3249-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXYT4

Quant Time: Jun 11 07:56:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 11 04:33:31 2022
Response via : Initial Calibration

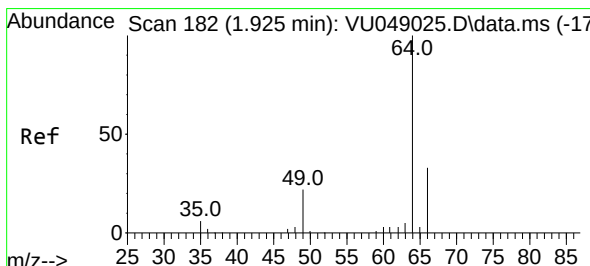
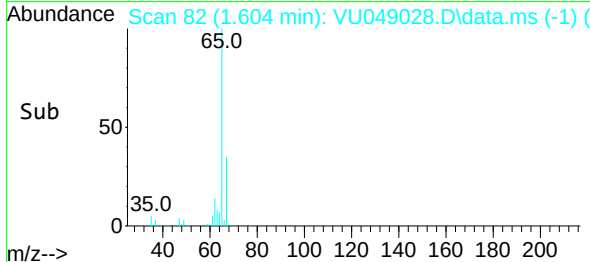
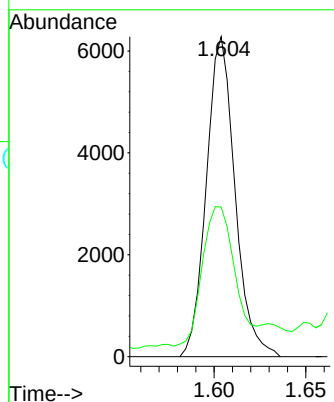
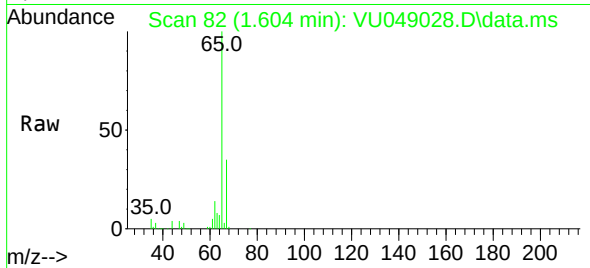




#5
 Vinyl chloride
 Concen: 3.320 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

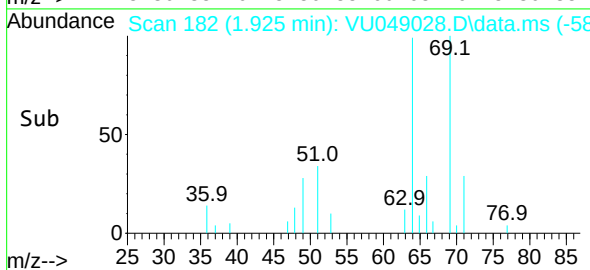
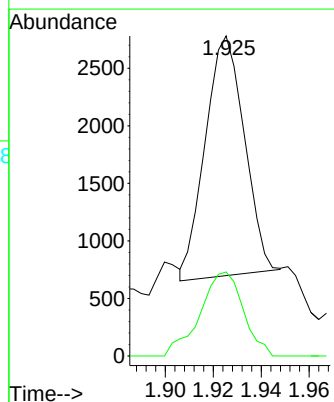
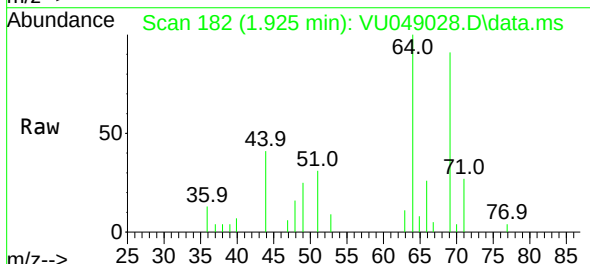
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

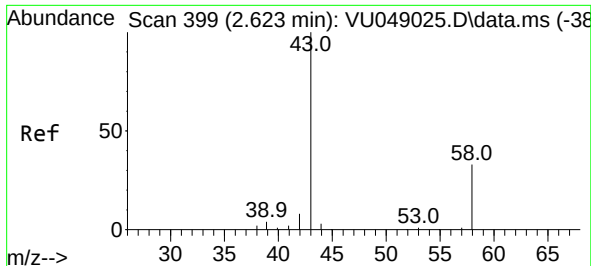
Tgt Ion: 62 Resp: 6830
 Ion Ratio Lower Upper
 62 100
 64 46.8 22.7 42.3#



#8
 Chloroethane
 Concen: 2.059 ug/L
 RT: 1.925 min Scan# 182
 Delta R.T. 0.000 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

Tgt Ion: 64 Resp: 2366
 Ion Ratio Lower Upper
 64 100
 66 31.4 23.7 43.9





#13

Acetone

Concen: 2.236 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU049028.D

Acq: 11 Jun 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

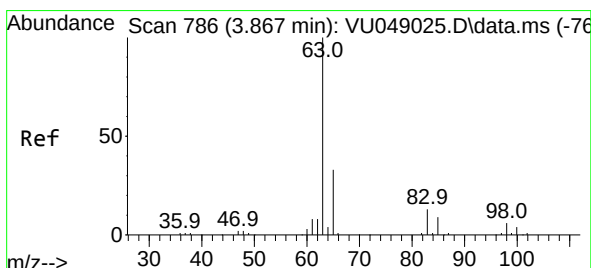
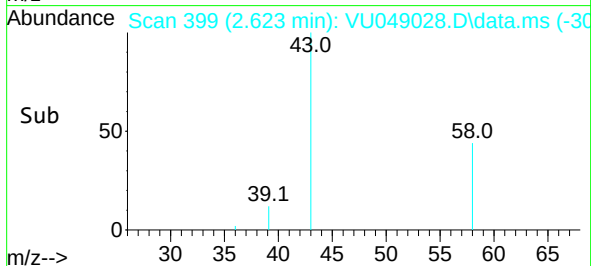
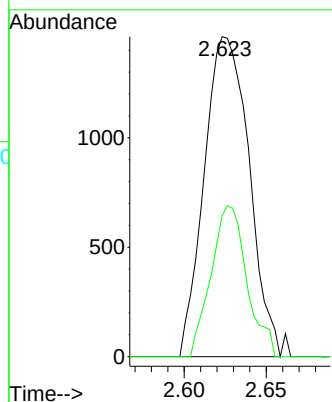
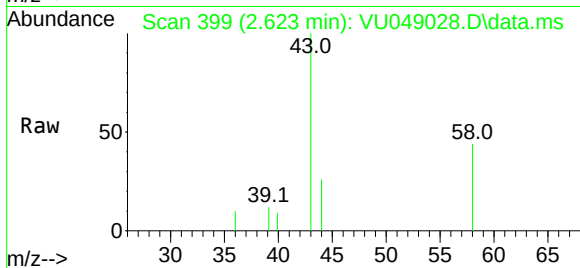
EXYT4

Tgt Ion: 43 Resp: 2772

Ion Ratio Lower Upper

43 100

58 36.9 0.0 66.4



#19

1,1-Dichloroethane

Concen: 28.364 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU049028.D

Acq: 11 Jun 2022 04:02

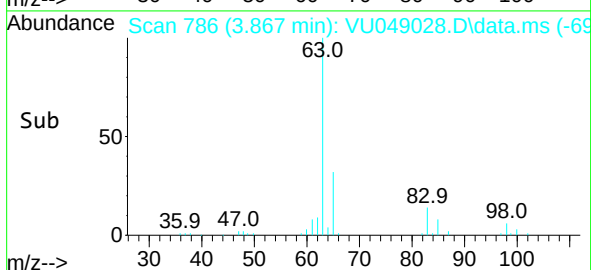
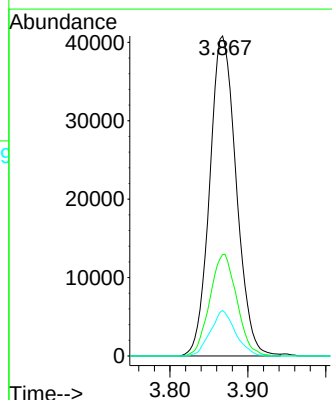
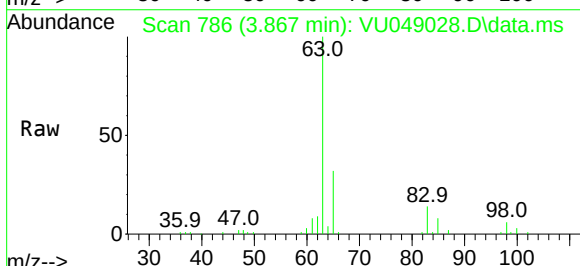
Tgt Ion: 63 Resp: 96655

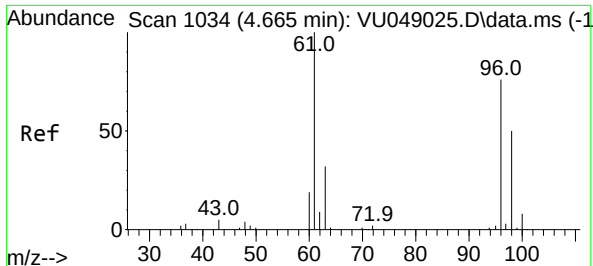
Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 14.2 9.5 17.7

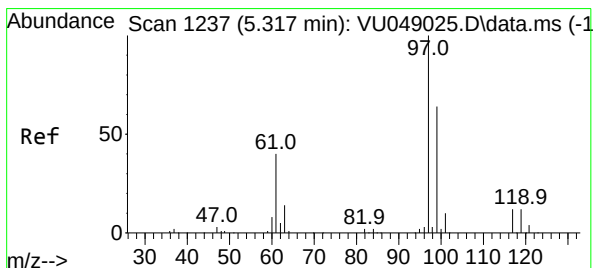
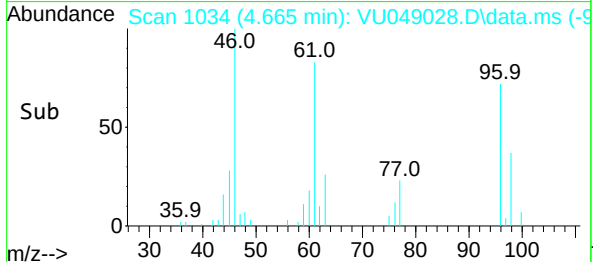
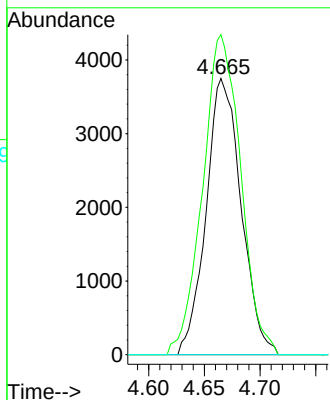
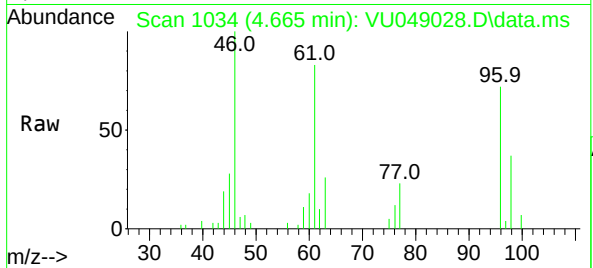




#20
 cis-1,2-Dichloroethene
 Concen: 4.258 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

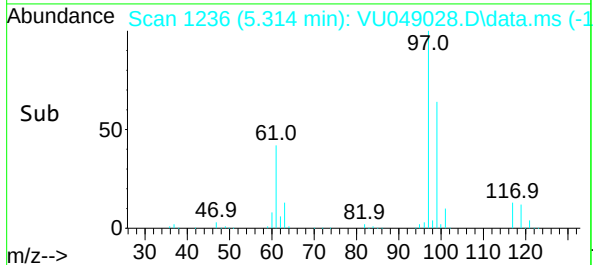
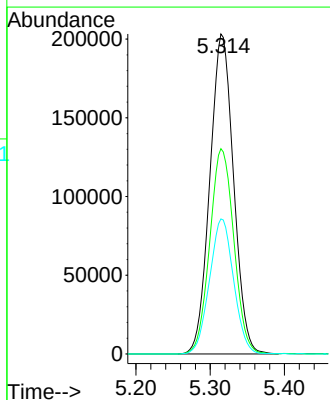
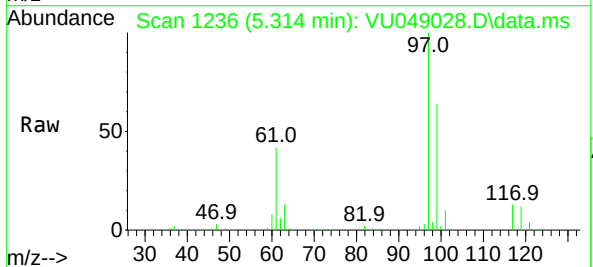
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

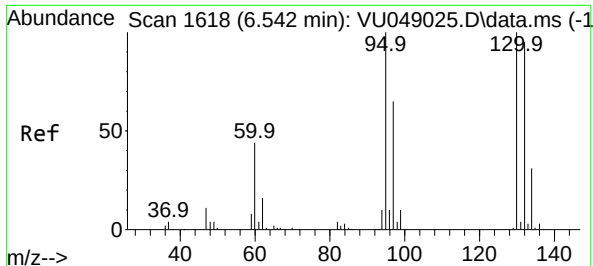
Tgt Ion: 96 Resp: 8195
 Ion Ratio Lower Upper
 96 100
 61 115.9 91.6 170.2
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 142.864 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.003 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

Tgt Ion: 97 Resp: 450909
 Ion Ratio Lower Upper
 97 100
 99 65.3 50.9 76.3
 61 43.0 34.2 51.2





#34

Trichloroethene

Concen: 7.691 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU049028.D

Acq: 11 Jun 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

EXYT4

Tgt Ion: 95 Resp: 14214

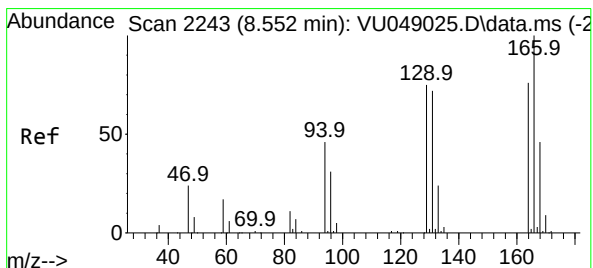
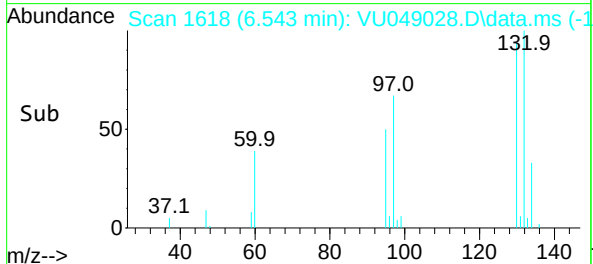
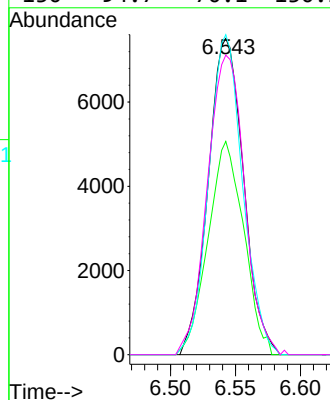
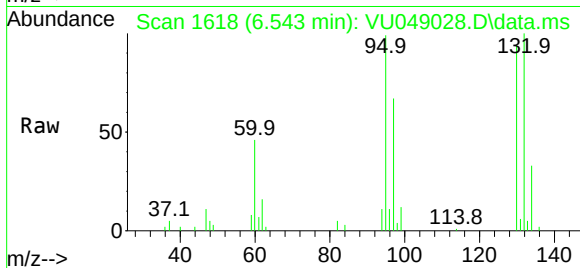
Ion Ratio Lower Upper

95 100

97 67.5 45.4 84.4

132 101.2 67.6 125.6

130 94.7 70.1 130.3



#46

Tetrachloroethene

Concen: 2.360 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. 0.007 min

Lab File: VU049028.D

Acq: 11 Jun 2022 04:02

Tgt Ion:164 Resp: 3381

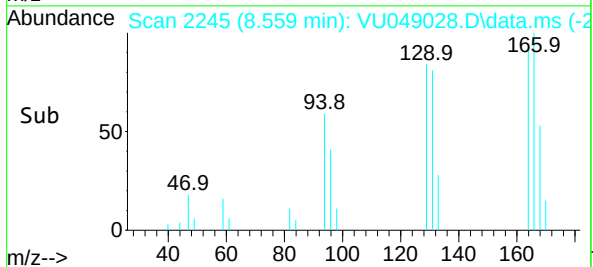
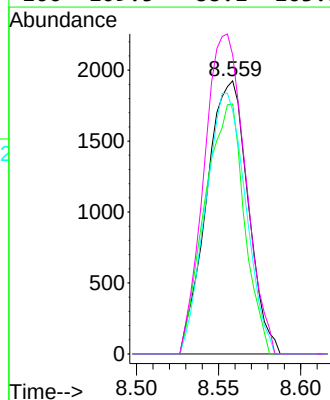
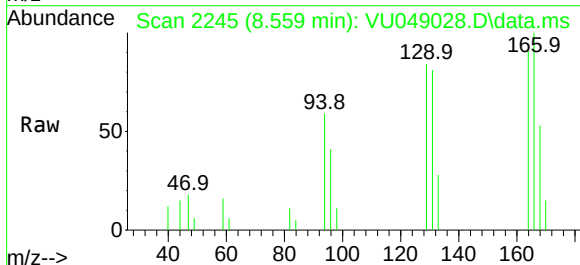
Ion Ratio Lower Upper

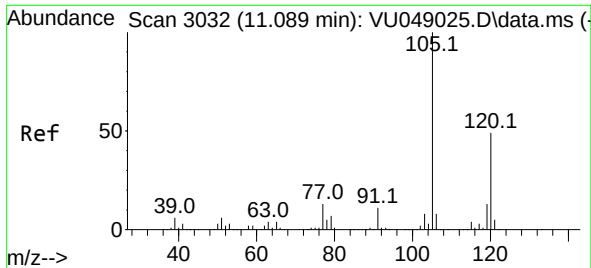
164 100

129 91.5 70.9 131.7

131 89.1 66.2 123.0

166 109.5 88.1 163.5

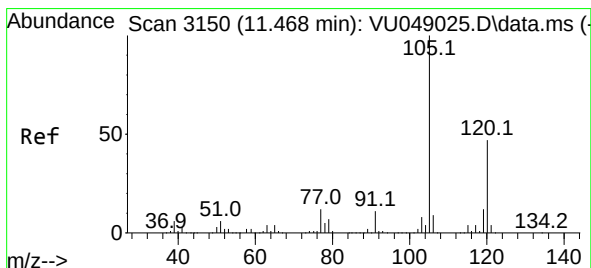
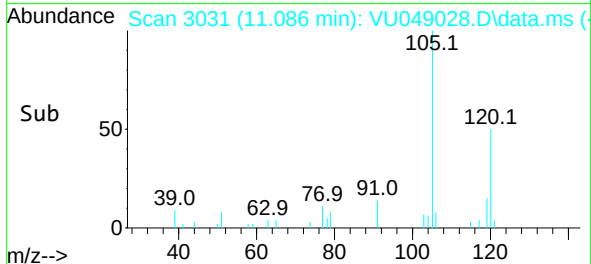
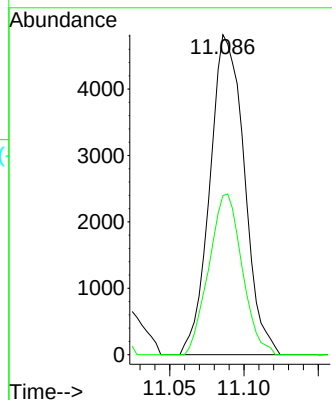
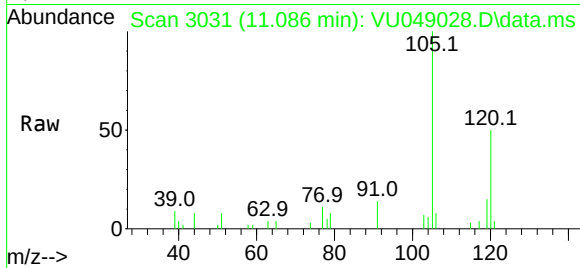




#62
 1,3,5-Trimethylbenzene
 Concen: 1.319 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

Tgt Ion:105 Resp: 7756
 Ion Ratio Lower Upper
 105 100
 120 48.5 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 2.703 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

Tgt Ion:105 Resp: 12655
 Ion Ratio Lower Upper
 105 100
 120 53.3 36.3 54.5

