

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
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1057	0.643	ug/L #	19
12) 1,1-Dichloroethene	2.572	96	796	0.553	ug/L #	1
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
31) Carbon tetrachloride	5.314	117	56268	20.384	ug/L	99
34) Trichloroethene	6.543	95	14214	7.691	ug/L	95
37) 1,2-Dichloropropane	6.690	63	11728	5.672	ug/L #	89
39) cis-1,3-Dichloropropene	7.565	75	2185	0.718	ug/L #	40
46) Tetrachloroethene	8.559	164	3381	2.360	ug/L	90
49) Dibromochloromethane	8.559	129	2939	1.317	ug/L #	11
60) 1,2,3-Trichloropropane	11.809	75	10782	4.191	ug/L #	67
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

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

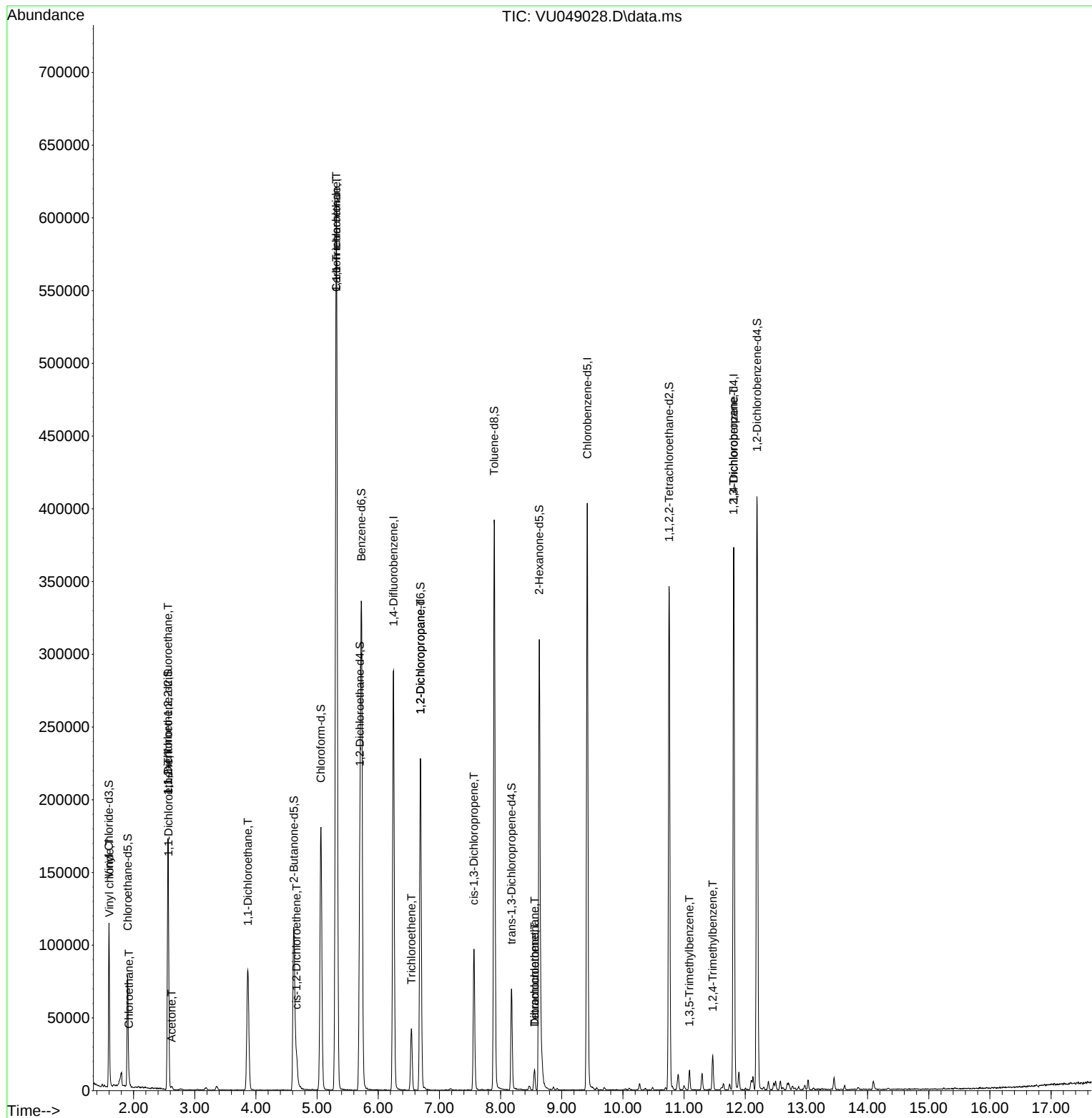
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

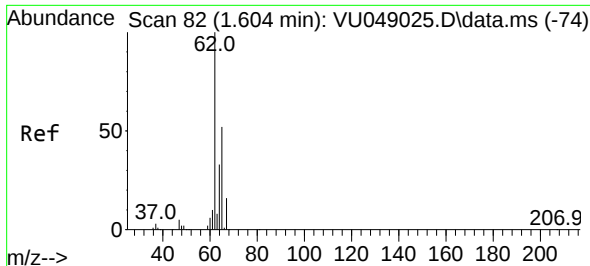
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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

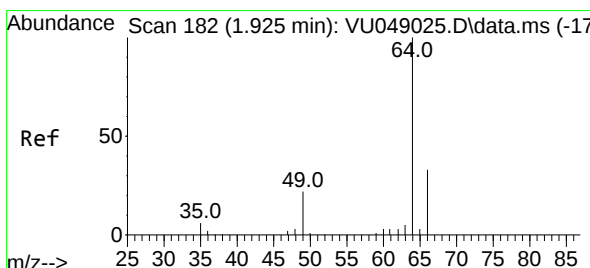
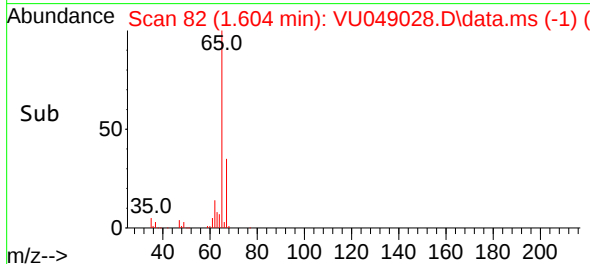
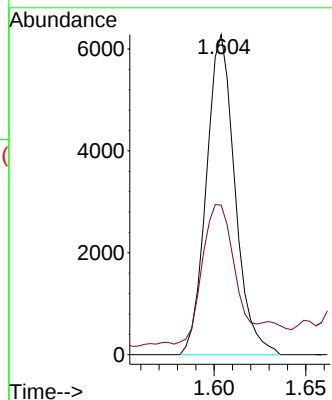
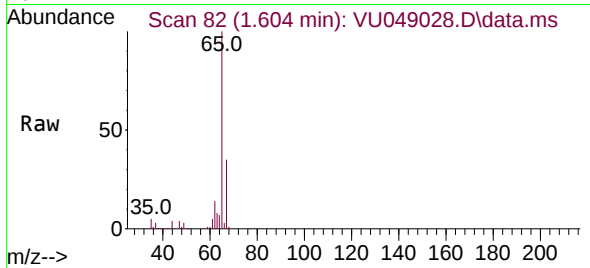




#5
 Vinyl chloride
 Concen: 3.320 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

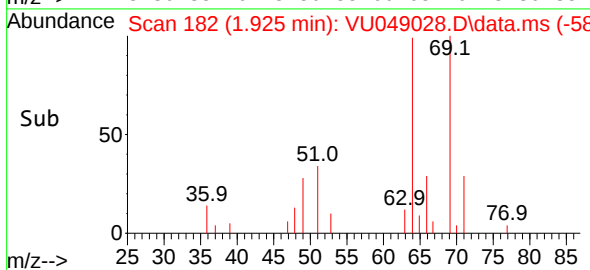
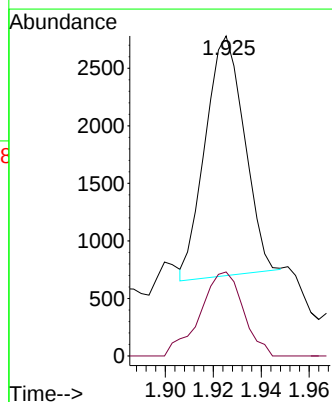
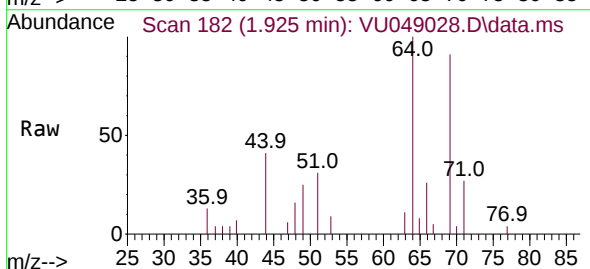
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

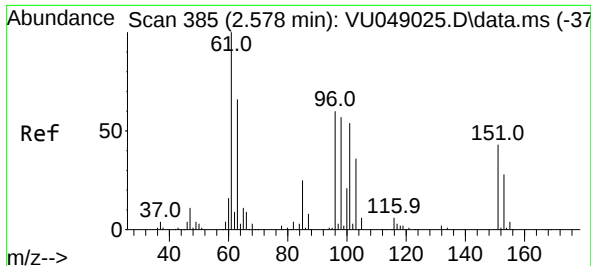
Tgt Ion: 62 Resp: 6830
 Ion Ratio Lower Upper
 62 100
 64 46.8 22.7 42.3#



#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

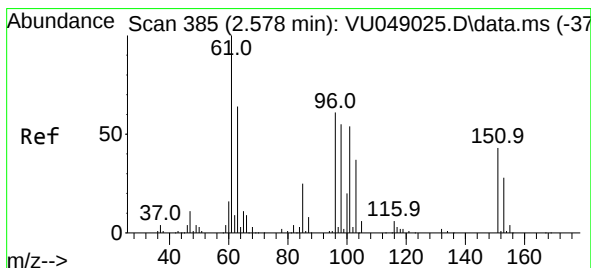
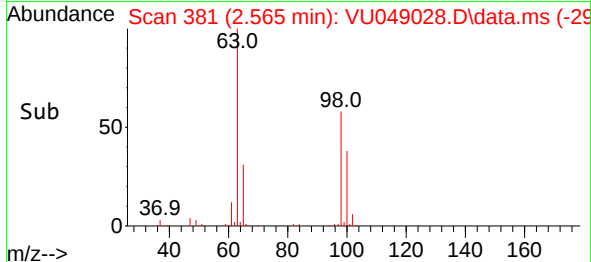
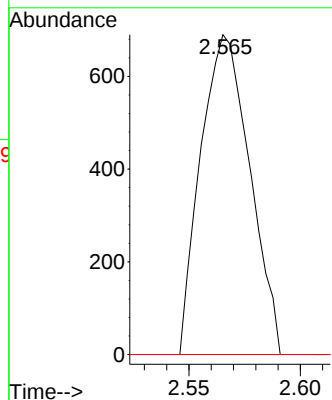
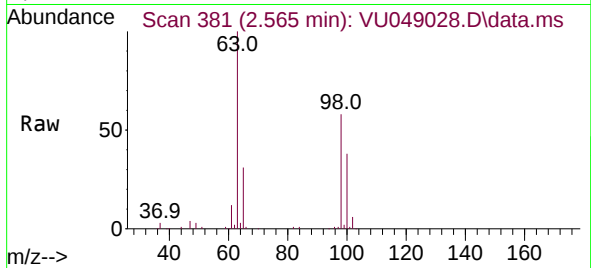




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.643 ug/L
 RT: 2.565 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

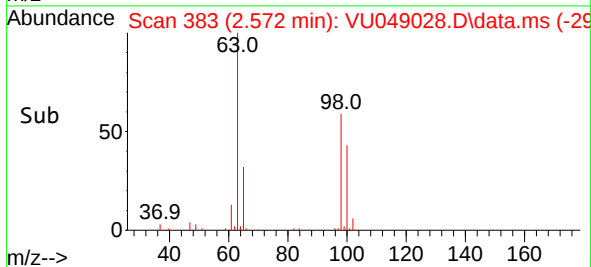
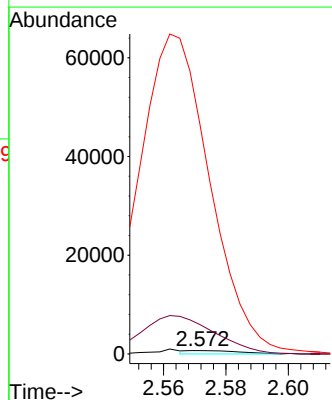
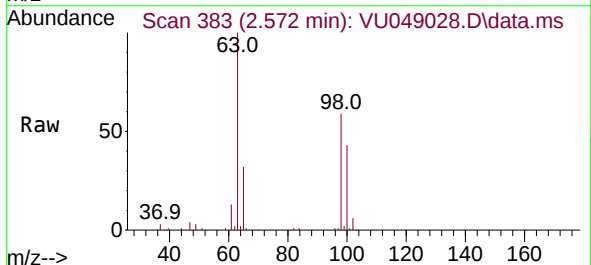
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

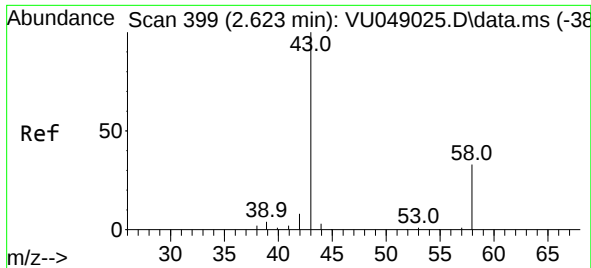
Tgt Ion:101 Resp: 1057
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.2 52.8#
 151 0.0 61.4 92.2#



#12
 1,1-Dichloroethene
 Concen: 0.553 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

Tgt Ion: 96 Resp: 796
 Ion Ratio Lower Upper
 96 100
 61 891.4 123.5 229.3#
 63 6943.7 86.0 159.8#





#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 :

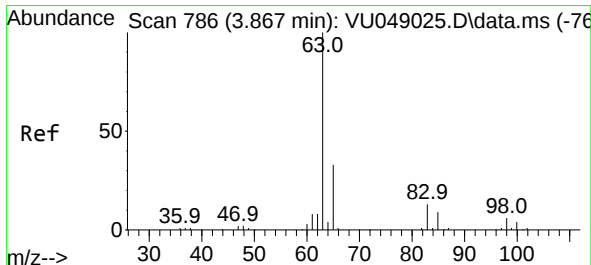
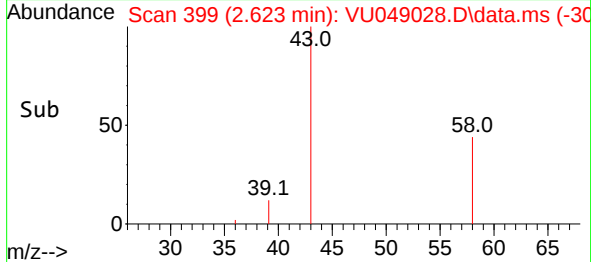
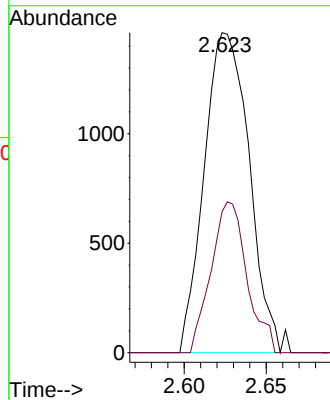
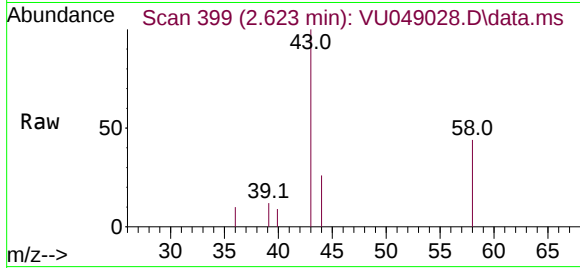
EXYT4

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

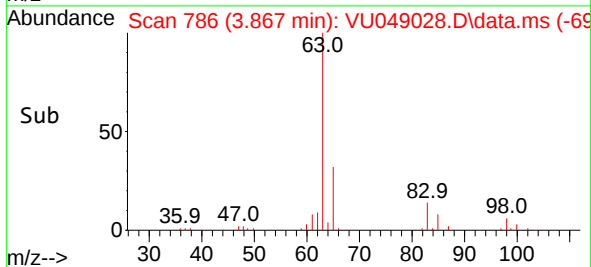
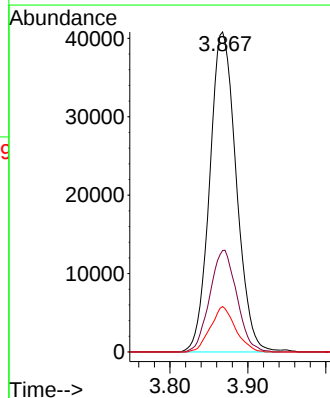
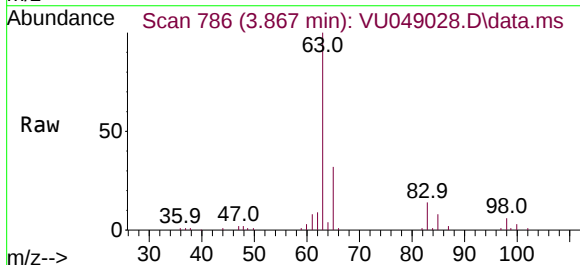
Tgt Ion: 63 Resp: 96655

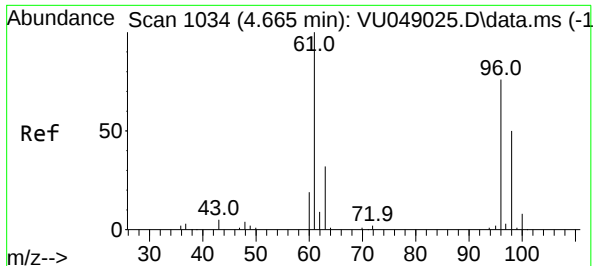
Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.5

83 14.2 9.5 17.7

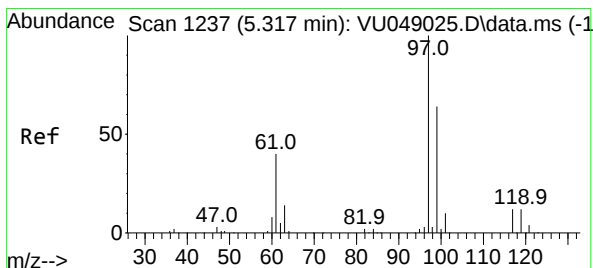
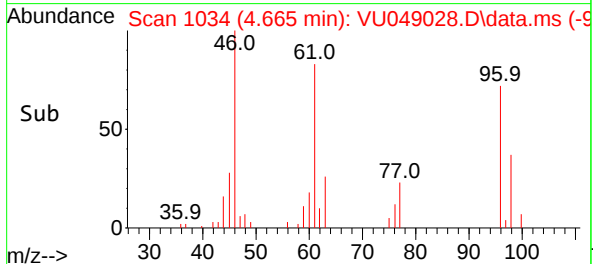
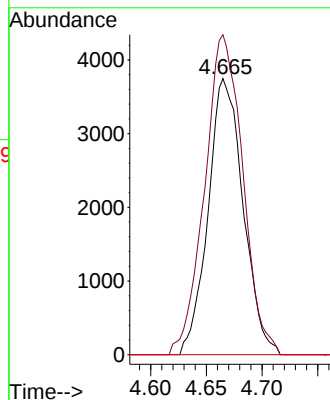
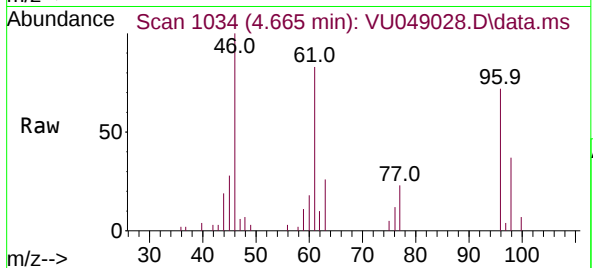




#20
 cis-1,2-Dichloroethene
 Concen: 4.258 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

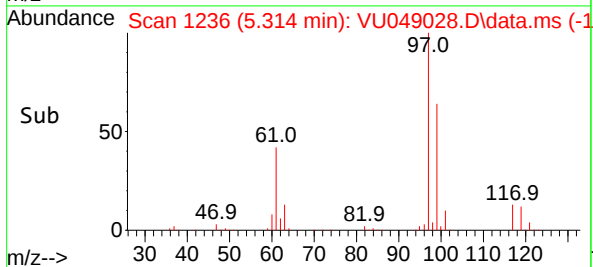
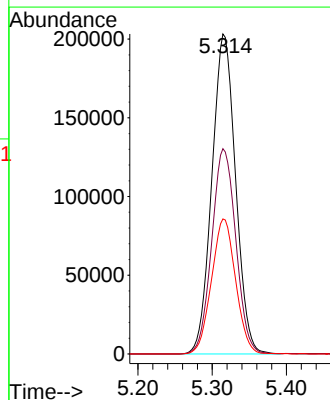
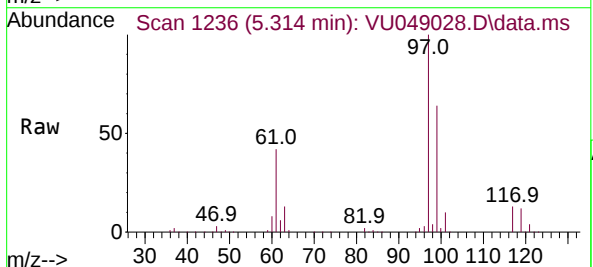
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

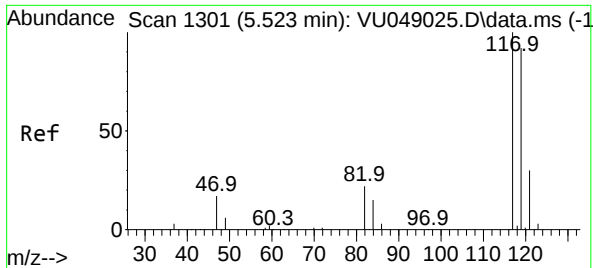
Tgt Ion: 96 Resp: 8195
 Ion Ratio Lower Upper
 96 100
 61 115.9 91.6 170.2
 68 0.0 0.0 0.0



#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

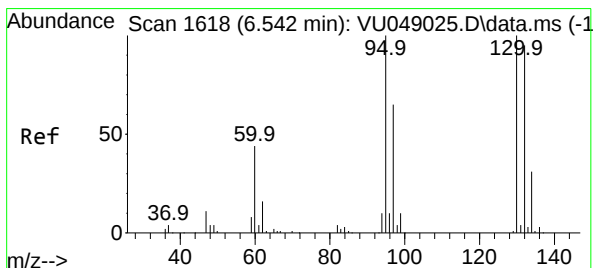
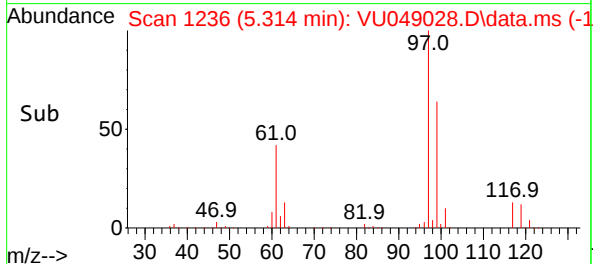
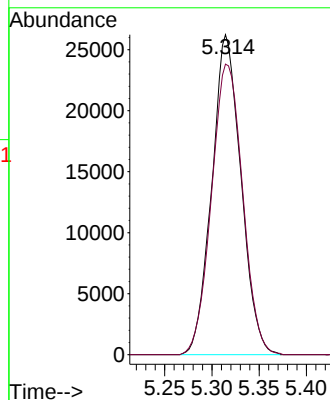
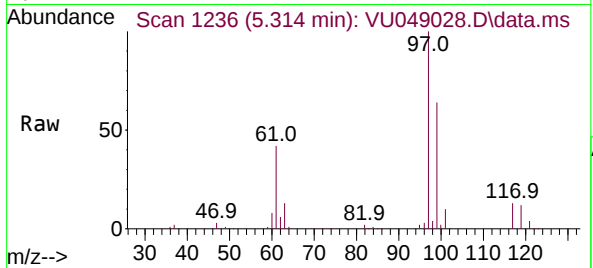




#31
Carbon tetrachloride
Concen: 20.384 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU049028.D
Acq: 11 Jun 2022 04:02

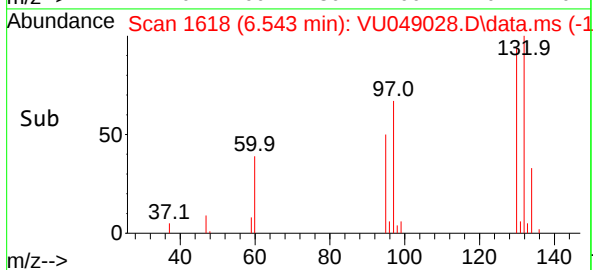
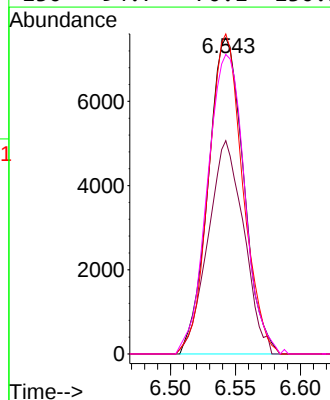
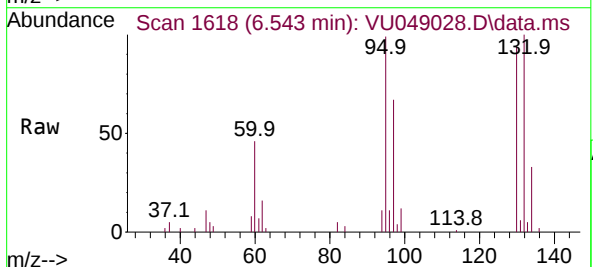
Instrument :
MSVOA_U
ClientSampleId :
EXYT4

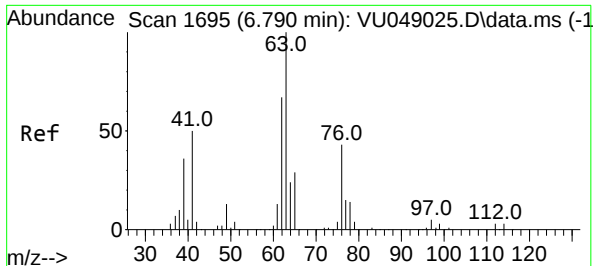
Tgt Ion:117 Resp: 56268
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7



#34
Trichloroethene
Concen: 7.691 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049028.D
Acq: 11 Jun 2022 04:02

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





#37

1,2-Dichloropropane

Concen: 5.672 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU049028.D

Acq: 11 Jun 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

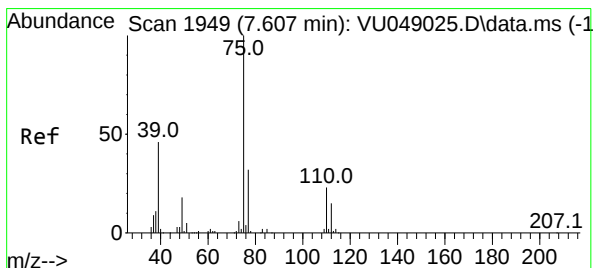
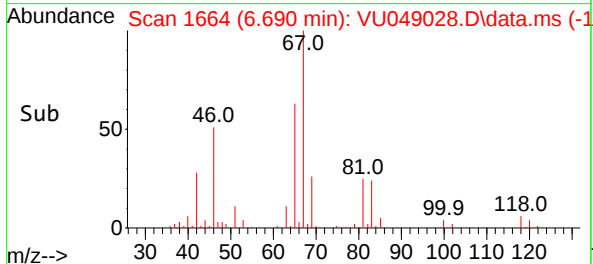
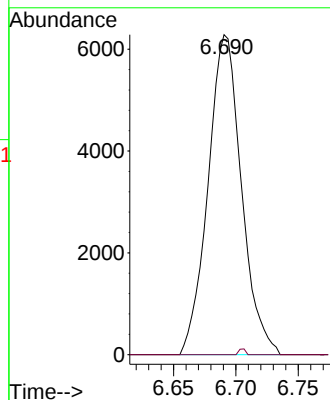
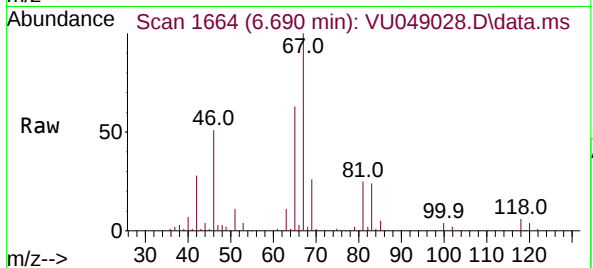
EXYT4

Tgt Ion: 63 Resp: 11728

Ion Ratio Lower Upper

63 100

112 0.4 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.042 min

Lab File: VU049028.D

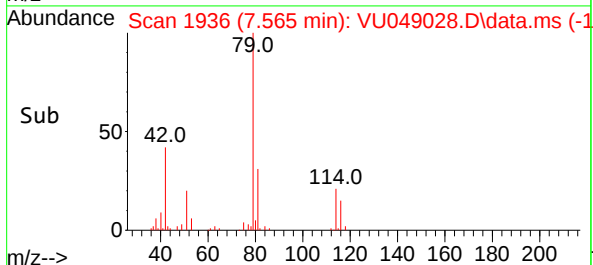
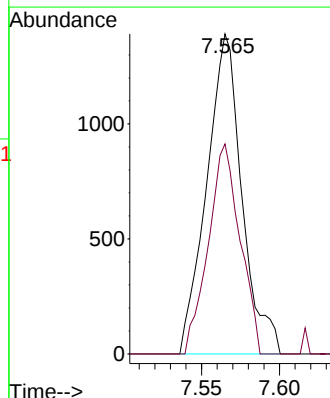
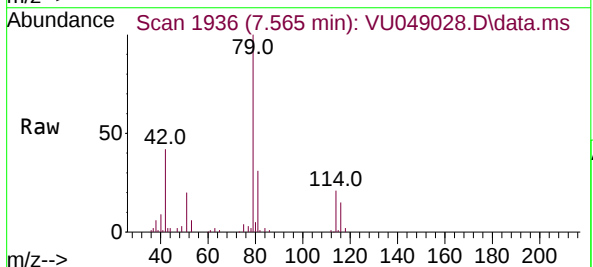
Acq: 11 Jun 2022 04:02

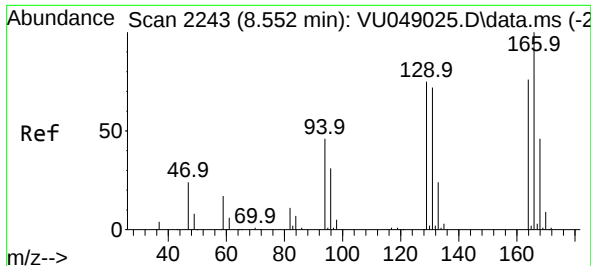
Tgt Ion: 75 Resp: 2185

Ion Ratio Lower Upper

75 100

77 65.6 22.6 42.0#

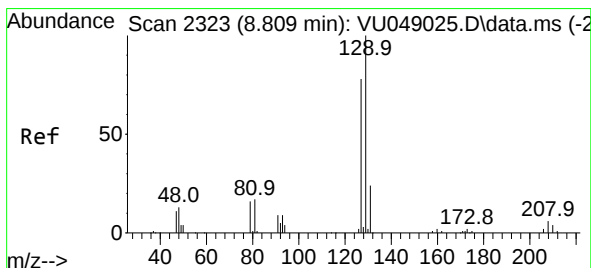
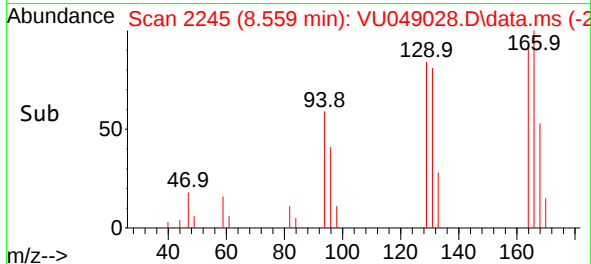
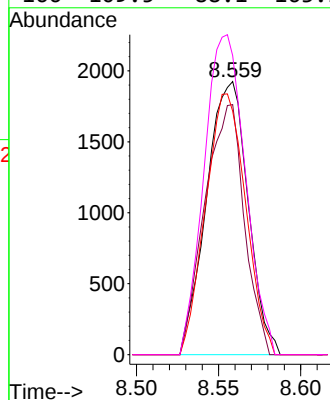
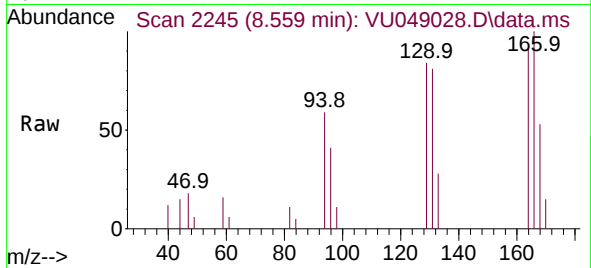




#46
Tetrachloroethene
Concen: 2.360 ug/L
RT: 8.559 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU049028.D
Acq: 11 Jun 2022 04:02

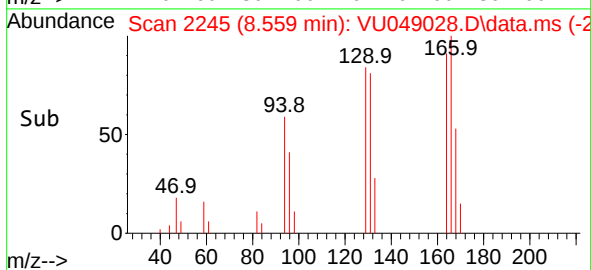
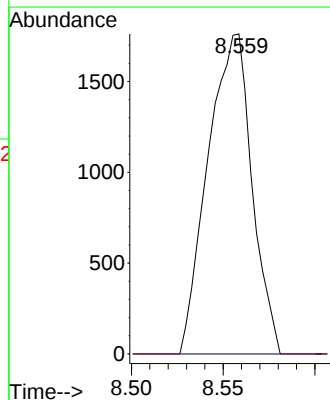
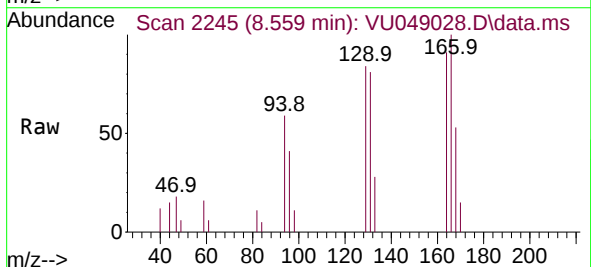
Instrument :
MSVOA_U
ClientSampleId :
EXYT4

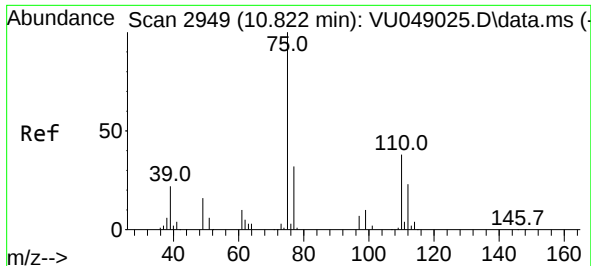
Tgt Ion:164 Resp: 3381
Ion Ratio Lower Upper
164 100
129 91.5 70.9 131.7
131 89.1 66.2 123.0
166 109.5 88.1 163.5



#49
Dibromochloromethane
Concen: 1.317 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.251 min
Lab File: VU049028.D
Acq: 11 Jun 2022 04:02

Tgt Ion:129 Resp: 2939
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

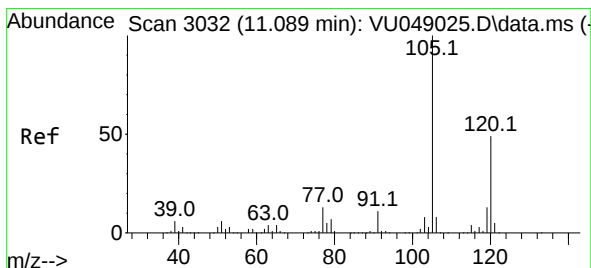
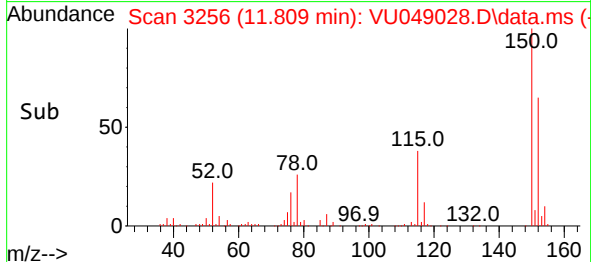
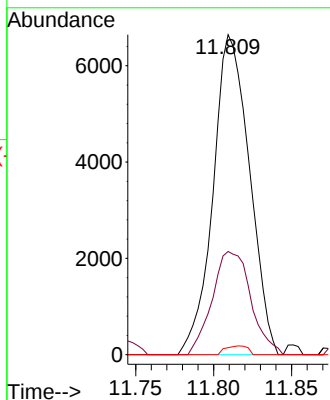
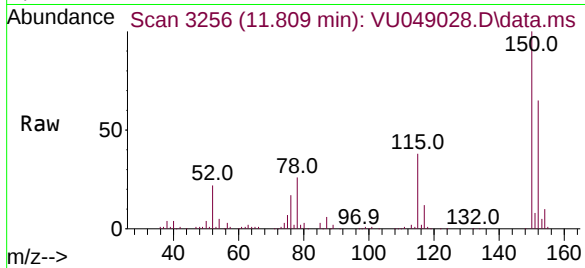




#60
1,2,3-Trichloropropane
Concen: 4.191 ug/L
RT: 11.809 min Scan# 3031
Delta R.T. 0.987 min
Lab File: VU049028.D
Acq: 11 Jun 2022 04:02

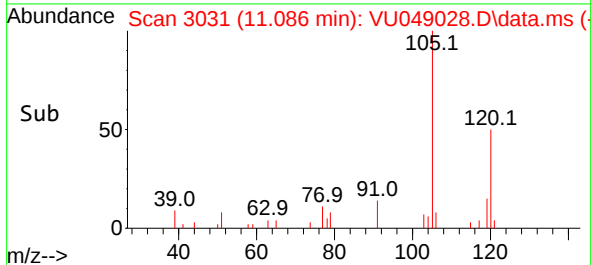
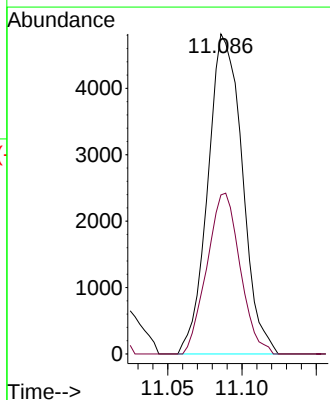
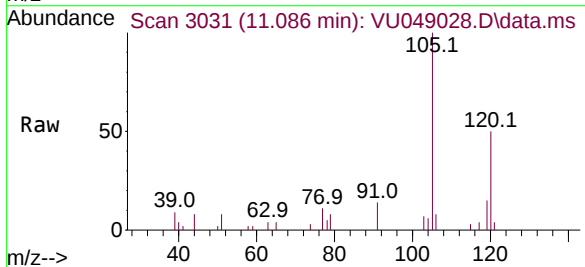
Instrument :
MSVOA_U
ClientSampleId :
EXYT4

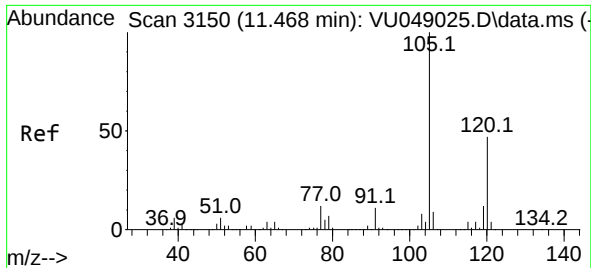
Tgt Ion: 75 Resp: 10782
Ion Ratio Lower Upper
75 100
77 34.2 26.6 40.0
110 1.7 30.2 45.4#



#62
1,3,5-Trimethylbenzene
Concen: 1.319 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049028.D
Acq: 11 Jun 2022 04:02

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# 31
 Delta R.T. 0.000 min
 Lab File: VU049028.D
 Acq: 11 Jun 2022 04:02

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT4

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

