

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049029.D
 Acq On : 11 Jun 2022 04:25
 Operator : SY/MD
 Sample : N3249-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT5

Quant Time: Jun 11 07:56:32 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)

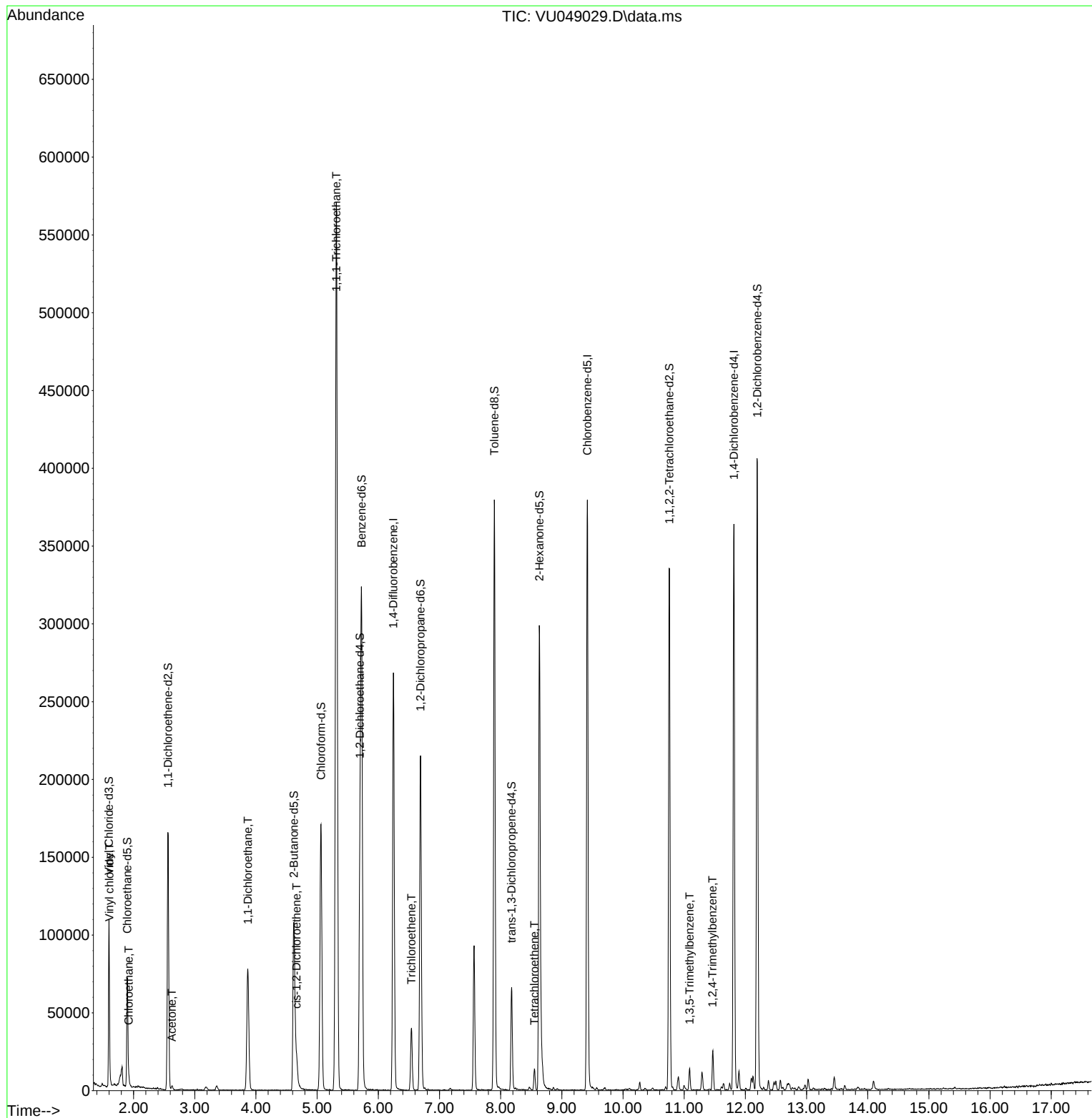
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	216884	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211295	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	70757	52.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 105.920%	
7) Chloroethane-d5	1.896	69	51740	52.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.480%	
11) 1,1-Dichloroethene-d2	2.562	63	100370	39.811	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 79.620%	
21) 2-Butanone-d5	4.620	46	157152	107.279	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 107.280%	
24) Chloroform-d	5.064	84	163790	57.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 114.920%	
26) 1,2-Dichloroethane-d4	5.700	65	110125	59.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 119.280%	
32) Benzene-d6	5.726	84	297961	56.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.740%	
36) 1,2-Dichloropropane-d6	6.691	67	102206	58.027	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 116.060%	
41) Toluene-d8	7.896	98	250286	54.166	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.340%	
43) trans-1,3-Dichloroprop...	8.179	79	37673	45.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 90.920%	
47) 2-Hexanone-d5	8.633	63	90605	98.286	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 98.290%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	167292	56.867	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 113.740%	
66) 1,2-Dichlorobenzene-d4	12.195	152	107147	62.327	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 124.660%#	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.604	62	6761	3.535	ug/L	# 67
8) Chloroethane	1.919	64	3002	2.810	ug/L	100
13) Acetone	2.626	43	2478	2.150	ug/L	76
19) 1,1-Dichloroethane	3.867	63	89327	28.196	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	7491	4.187	ug/L	90
30) 1,1,1-Trichloroethane	5.314	97	424664	144.116	ug/L	99
34) Trichloroethene	6.543	95	13351	7.737	ug/L	96
46) Tetrachloroethene	8.552	164	3139	2.346	ug/L	91
62) 1,3,5-Trimethylbenzene	11.089	105	7623	1.330	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	13323	2.921	ug/L	91

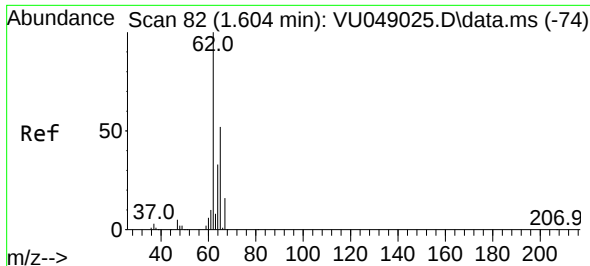
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 11 04:33:31 2022
Response via : Initial Calibration

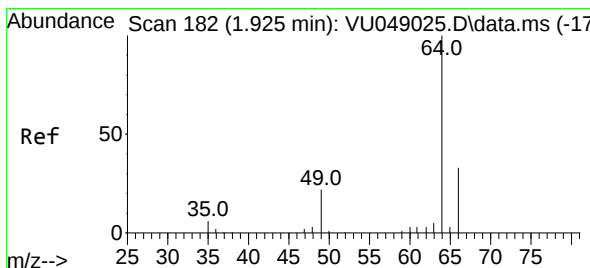
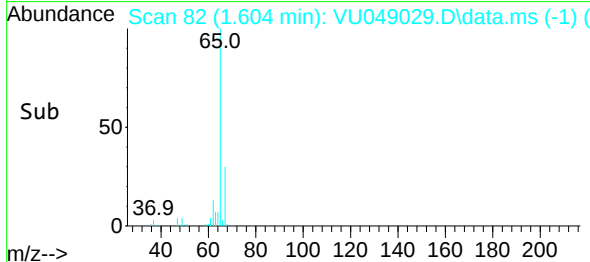
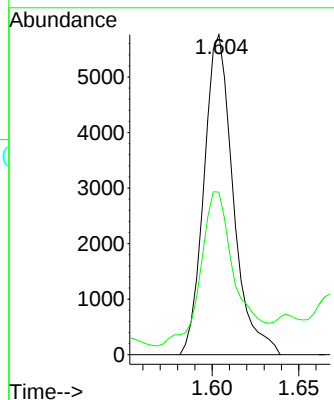
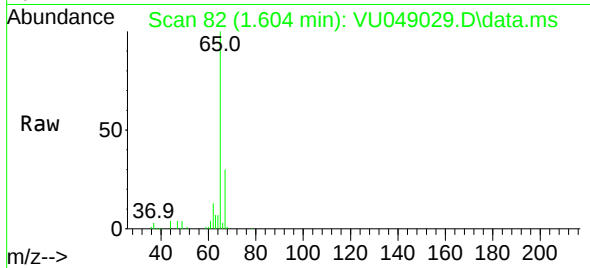




#5
 Vinyl chloride
 Concen: 3.535 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049029.D
 Acq: 11 Jun 2022 04:25

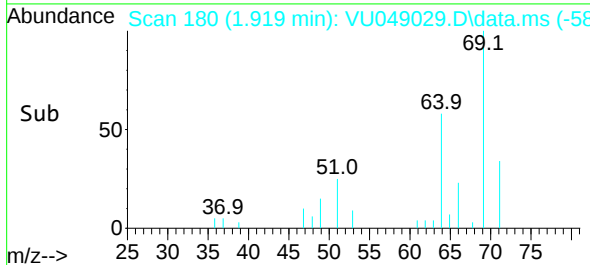
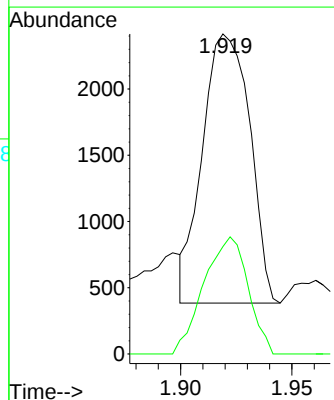
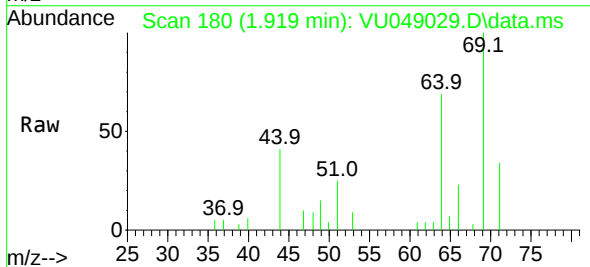
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT5

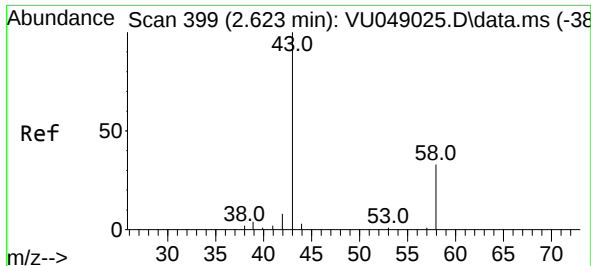
Tgt Ion: 62 Resp: 6761
 Ion Ratio Lower Upper
 62 100
 64 50.8 22.7 42.3#



#8
 Chloroethane
 Concen: 2.810 ug/L
 RT: 1.919 min Scan# 180
 Delta R.T. -0.006 min
 Lab File: VU049029.D
 Acq: 11 Jun 2022 04:25

Tgt Ion: 64 Resp: 3002
 Ion Ratio Lower Upper
 64 100
 66 33.6 23.7 43.9





#13

Acetone

Concen: 2.150 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU049029.D

Acq: 11 Jun 2022 04:25

Instrument :

MSVOA_U

ClientSampleId :

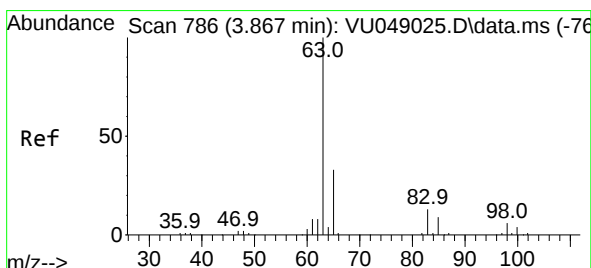
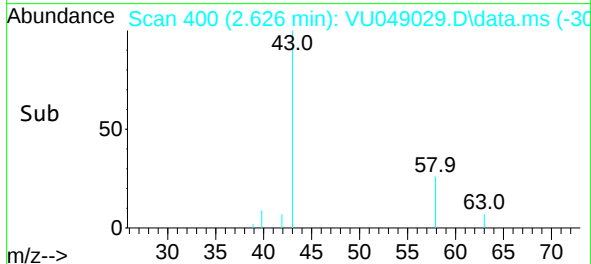
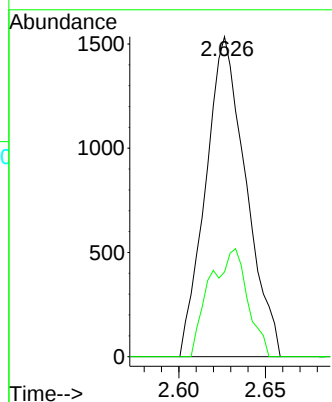
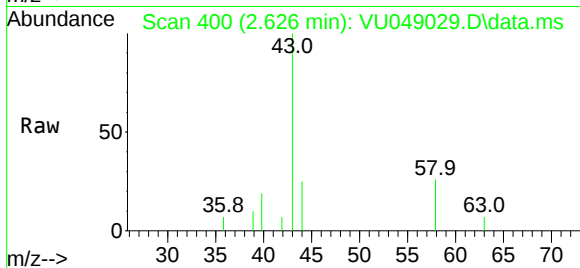
EXYT5

Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

43 100

58 19.9 0.0 66.4



#19

1,1-Dichloroethane

Concen: 28.196 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU049029.D

Acq: 11 Jun 2022 04:25

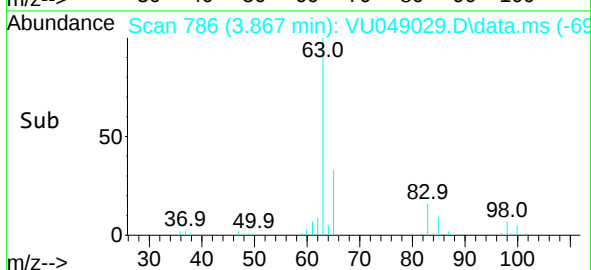
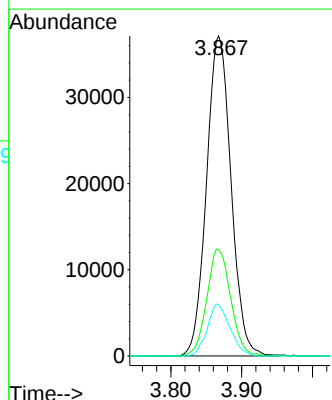
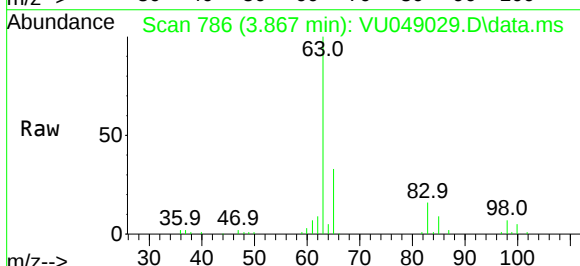
Tgt Ion: 63 Resp: 89327

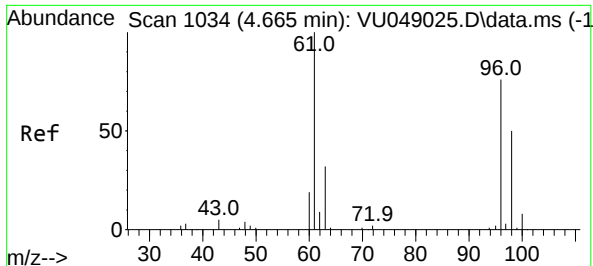
Ion Ratio Lower Upper

63 100

65 33.1 22.3 41.5

83 16.0 9.5 17.7

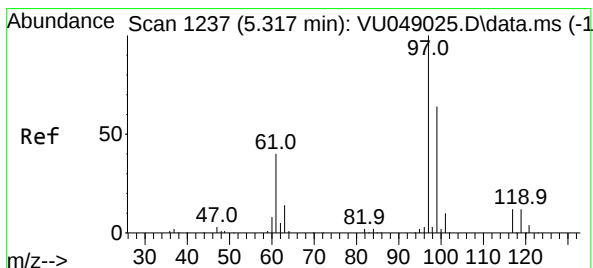
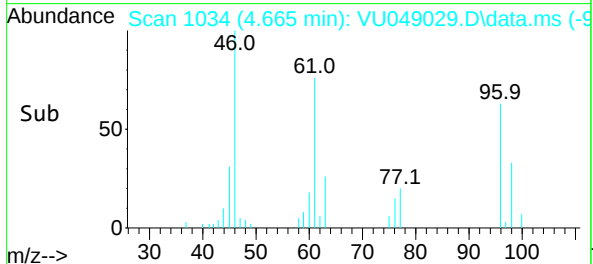
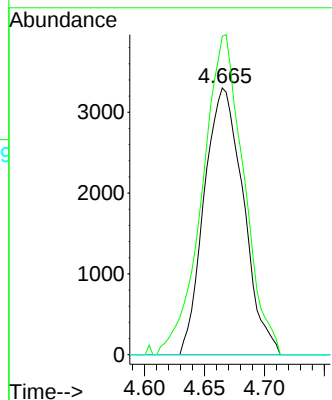
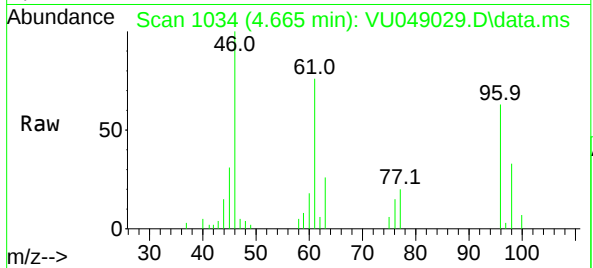




#20
 cis-1,2-Dichloroethene
 Concen: 4.187 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU049029.D
 Acq: 11 Jun 2022 04:25

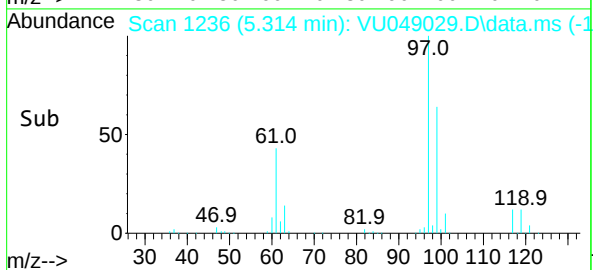
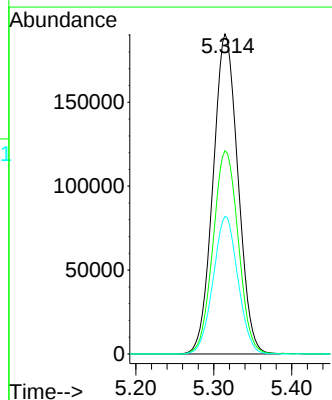
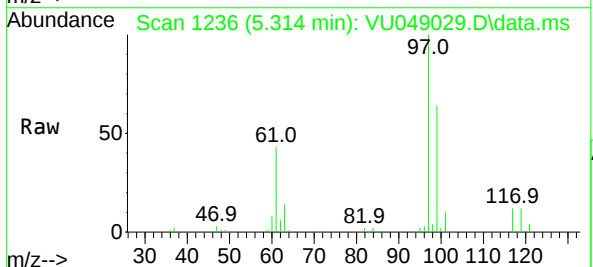
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYT5

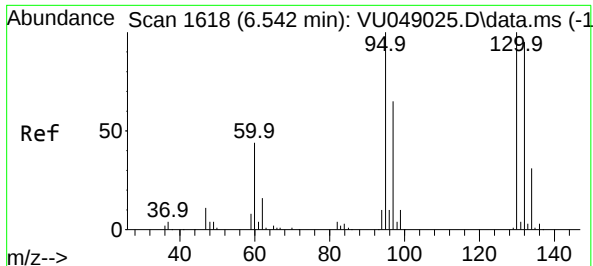
Tgt Ion: 96 Resp: 7491
 Ion Ratio Lower Upper
 96 100
 61 119.4 91.6 170.2
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 144.116 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.003 min
 Lab File: VU049029.D
 Acq: 11 Jun 2022 04:25

Tgt Ion: 97 Resp: 424664
 Ion Ratio Lower Upper
 97 100
 99 64.3 50.9 76.3
 61 42.8 34.2 51.2



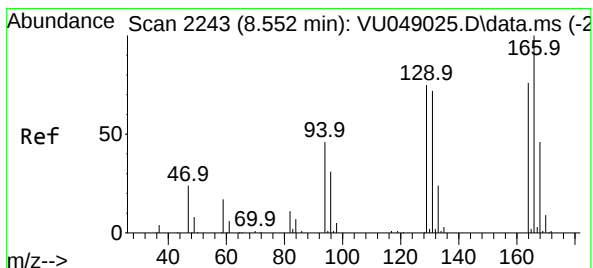
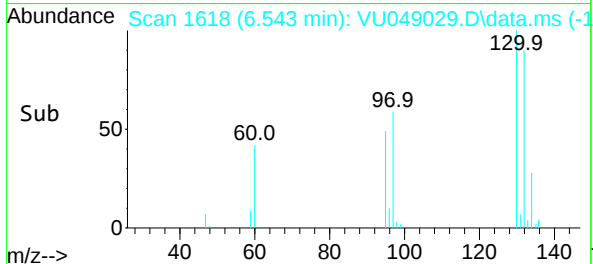
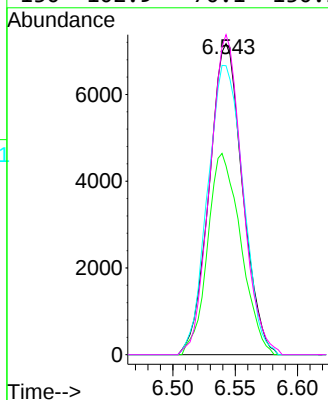
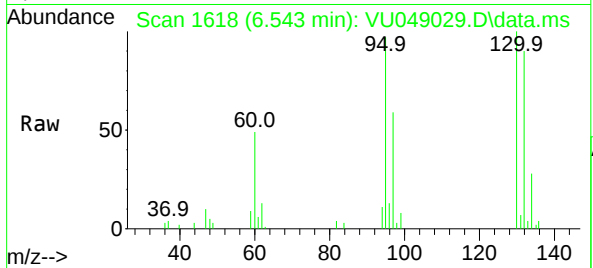


#34
Trichloroethene
Concen: 7.737 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU049029.D
Acq: 11 Jun 2022 04:25

Instrument :
MSVOA_U
ClientSampleId :
EXYT5

Tgt Ion: 95 Resp: 13351

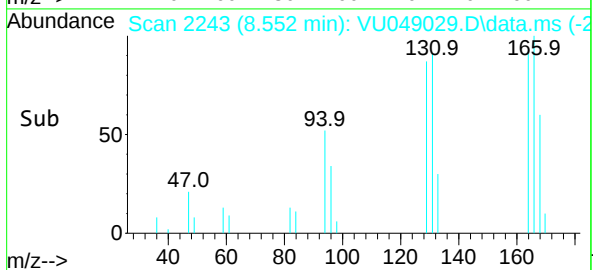
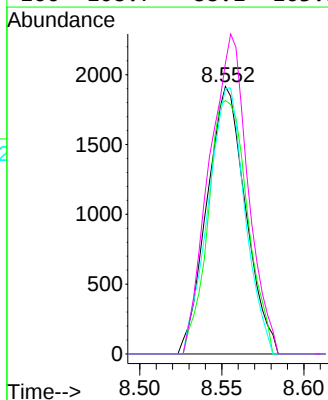
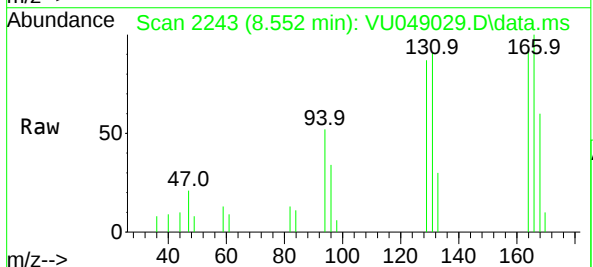
Ion	Ratio	Lower	Upper
95	100		
97	60.7	45.4	84.4
132	92.9	67.6	125.6
130	102.9	70.1	130.3

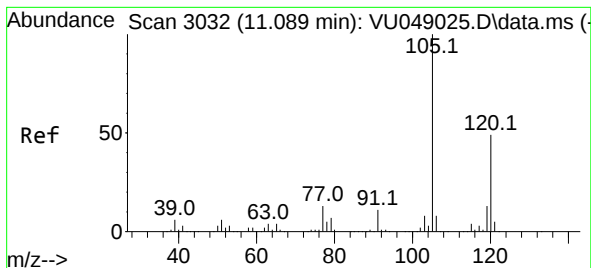


#46
Tetrachloroethene
Concen: 2.346 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU049029.D
Acq: 11 Jun 2022 04:25

Tgt Ion: 164 Resp: 3139

Ion	Ratio	Lower	Upper
164	100		
129	94.7	70.9	131.7
131	99.2	66.2	123.0
166	108.7	88.1	163.5





#62

1,3,5-Trimethylbenzene

Concen: 1.330 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049029.D

Acq: 11 Jun 2022 04:25

Instrument :

MSVOA_U

ClientSampleId :

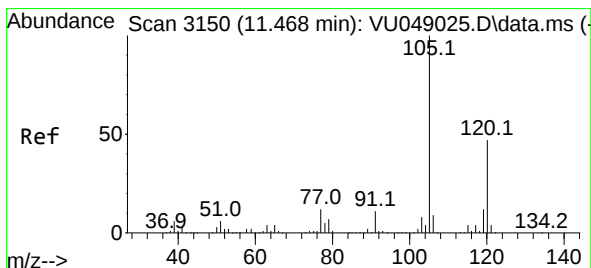
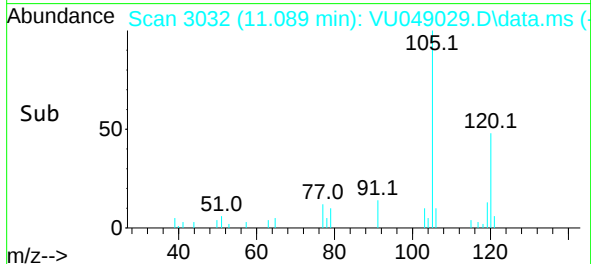
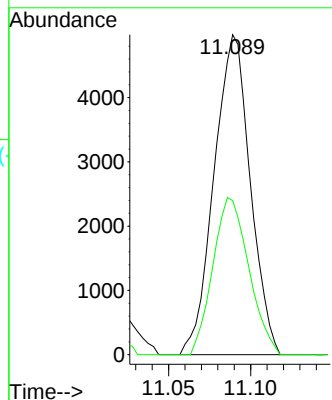
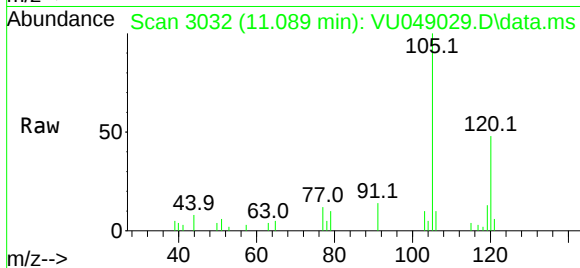
EXYT5

Tgt Ion:105 Resp: 7623

Ion Ratio Lower Upper

105 100

120 48.8 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 2.921 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU049029.D

Acq: 11 Jun 2022 04:25

Tgt Ion:105 Resp: 13323

Ion Ratio Lower Upper

105 100

120 51.4 36.3 54.5

