

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053355.D
 Acq On : 22 Mar 2023 16:23
 Operator : JC/MD
 Sample : 01995-02DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM8DL

Quant Time: Mar 23 02:45:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

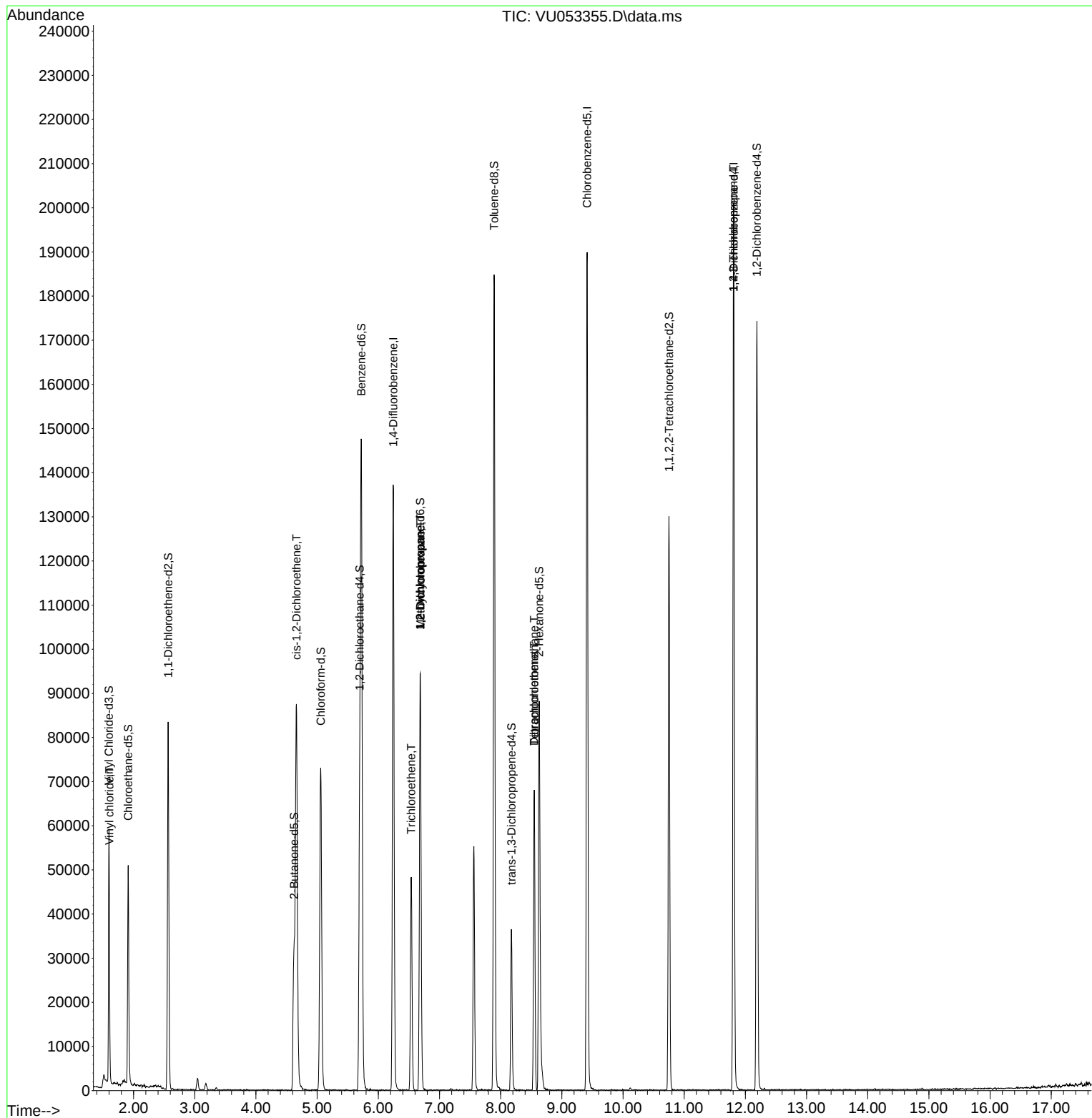
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	106290	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	98608	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	47285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	36654	37.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.760%
7) Chloroethane-d5	1.912	69	34939	44.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.100%
11) 1,1-Dichloroethene-d2	2.565	63	48750	28.699	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.400%#
21) 2-Butanone-d5	4.623	46	46494	102.230	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.230%
24) Chloroform-d	5.060	84	64590	39.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.980%
26) 1,2-Dichloroethane-d4	5.697	65	44203	44.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
32) Benzene-d6	5.723	84	133749	41.818	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.640%
36) 1,2-Dichloropropane-d6	6.684	67	45790	44.359	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.720%
41) Toluene-d8	7.893	98	124349	41.759	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.520%
43) trans-1,3-Dichloroprop...	8.176	79	20703	40.650	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.300%
47) 2-Hexanone-d5	8.629	63	31103	96.377	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.380%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	61516	46.003	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	41523	45.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.700%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	4086	3.654	ug/L #	72
20) cis-1,2-Dichloroethene	4.662	96	41165	44.251	ug/L	95
34) Trichloroethene	6.536	95	15936	17.878	ug/L	97
35) Methylcyclohexane	6.687	83	9519	6.092	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	4677	4.904	ug/L #	90
46) Tetrachloroethene	8.549	164	12338	21.275	ug/L	96
49) Dibromochloromethane	8.549	129	13821	15.557	ug/L #	12
60) 1,2,3-Trichloropropane	11.806	75	7069	7.523	ug/L #	69

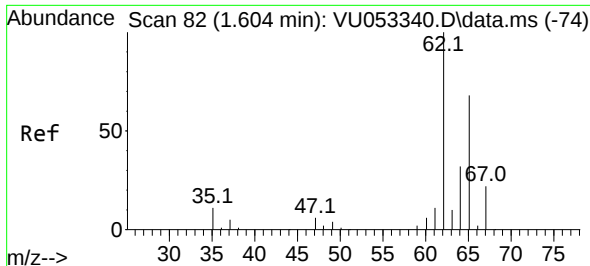
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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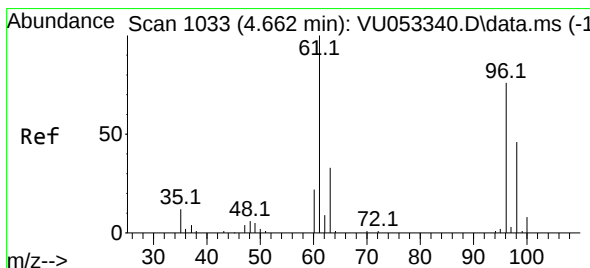
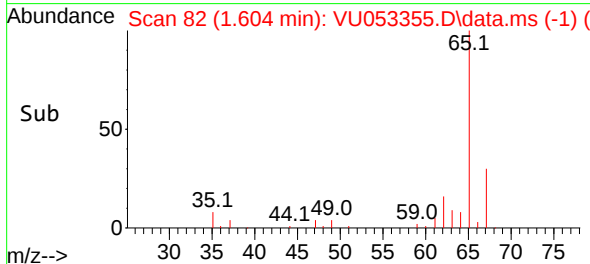
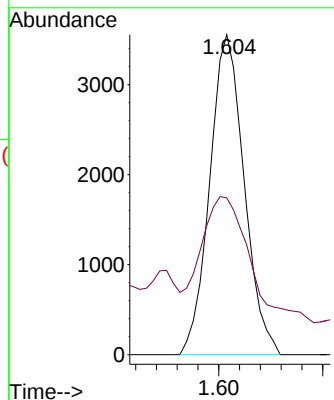
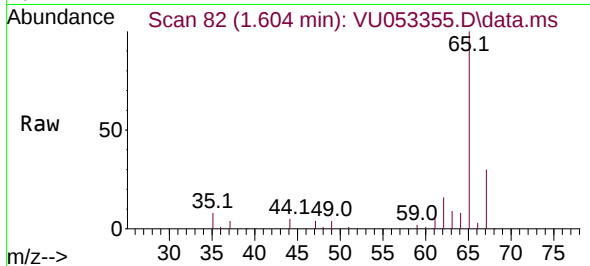




#5
 Vinyl chloride
 Concen: 3.654 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU053355.D
 Acq: 22 Mar 2023 16:23

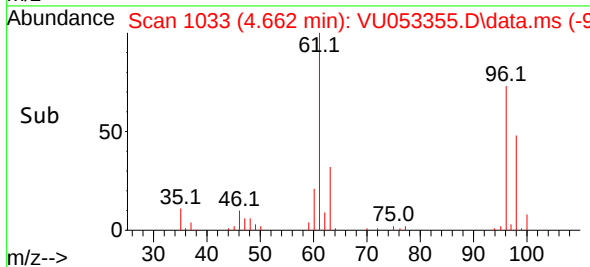
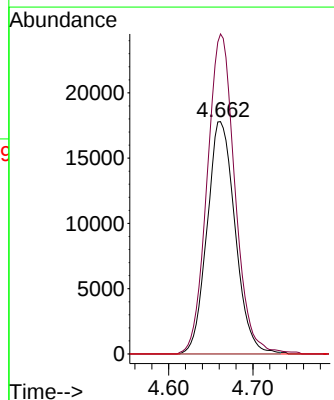
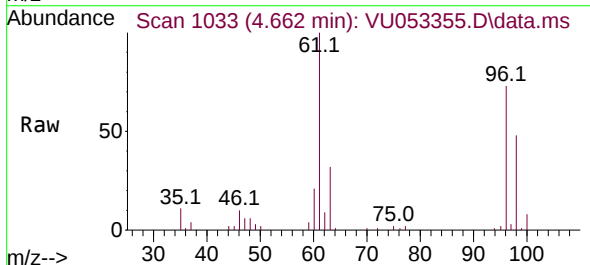
Instrument :
 MSVOA_U
 ClientSampleId :
 EXEM8DL

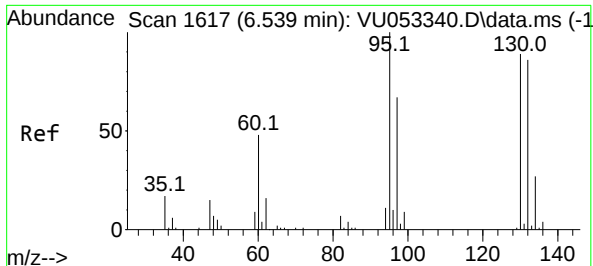
Tgt Ion: 62 Resp: 4086
 Ion Ratio Lower Upper
 62 100
 64 49.0 23.2 43.0#



#20
 cis-1,2-Dichloroethene
 Concen: 44.251 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU053355.D
 Acq: 22 Mar 2023 16:23

Tgt Ion: 96 Resp: 41165
 Ion Ratio Lower Upper
 96 100
 61 137.7 92.5 171.7
 68 0.0 0.0 0.0



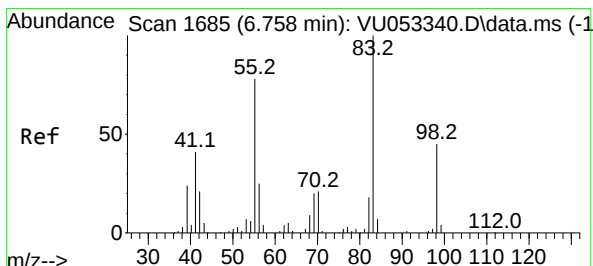
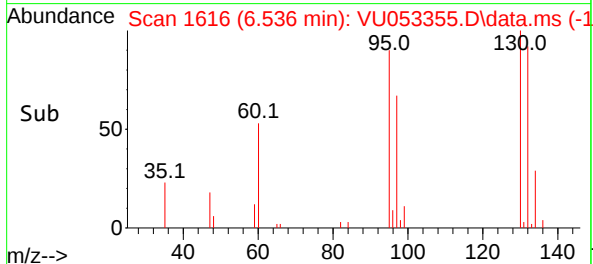
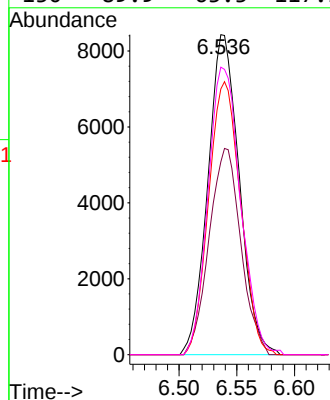
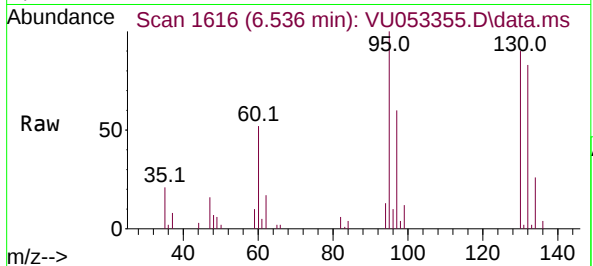


#34
Trichloroethene
Concen: 17.878 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU053355.D
Acq: 22 Mar 2023 16:23

Instrument :
MSVOA_U
ClientSampleId :
EXEM8DL

Tgt Ion: 95 Resp: 15936

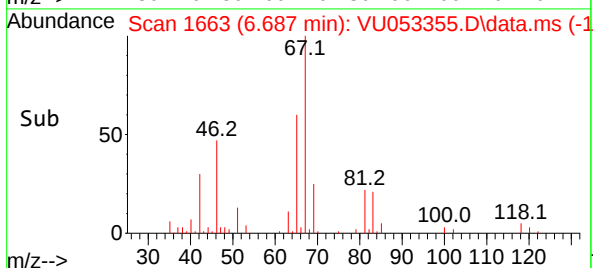
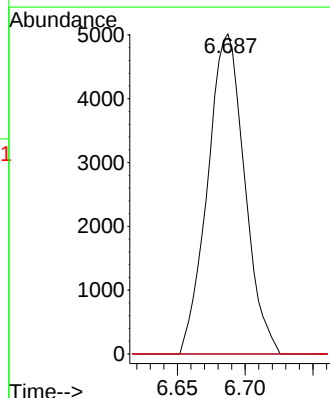
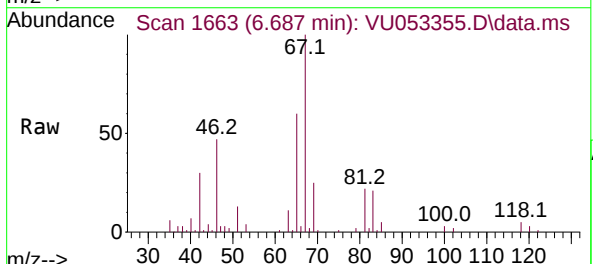
Ion	Ratio	Lower	Upper
95	100		
97	60.3	43.8	81.3
132	83.1	61.5	114.3
130	89.9	63.3	117.5

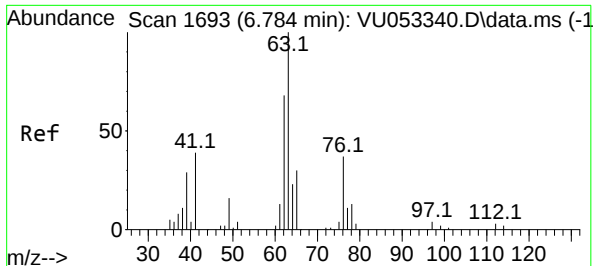


#35
Methylcyclohexane
Concen: 6.092 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU053355.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 83 Resp: 9519

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.4#
98	0.0	35.4	53.2#

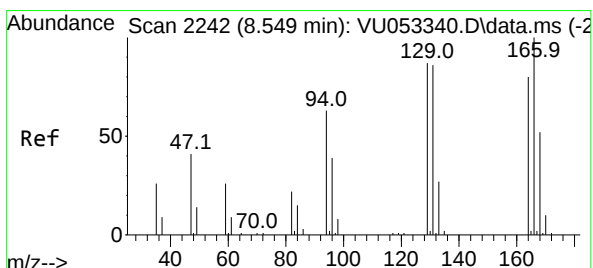
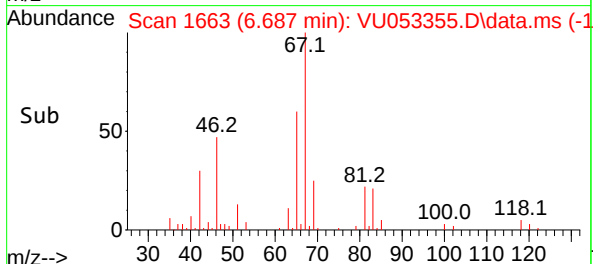
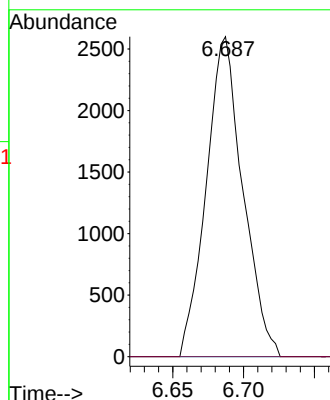
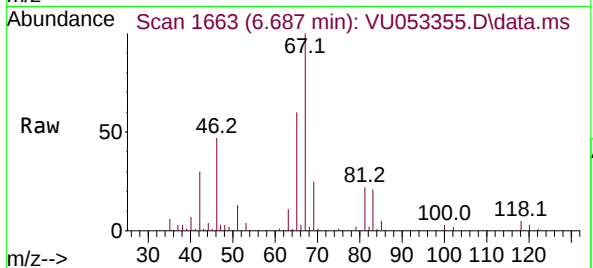




#37
1,2-Dichloropropane
Concen: 4.904 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU053355.D
Acq: 22 Mar 2023 16:23

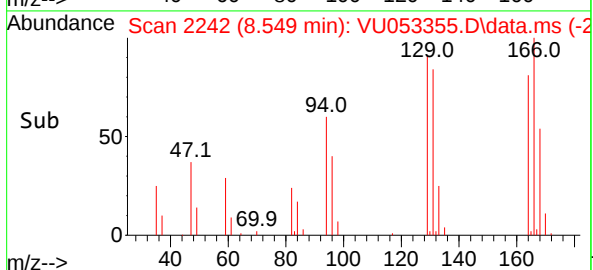
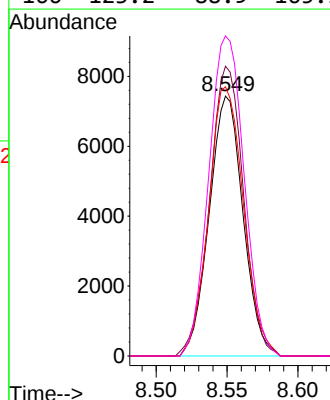
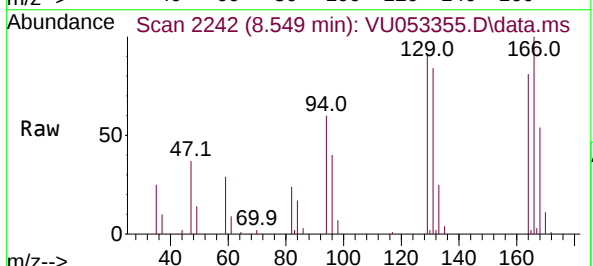
Instrument :
MSVOA_U
ClientSampleId :
EXEM8DL

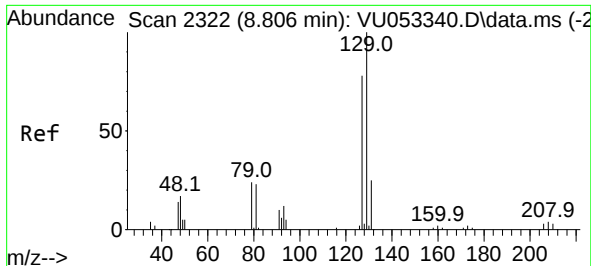
Tgt Ion: 63 Resp: 4677
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#46
Tetrachloroethene
Concen: 21.275 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU053355.D
Acq: 22 Mar 2023 16:23

Tgt Ion: 164 Resp: 12338
Ion Ratio Lower Upper
164 100
129 111.5 73.6 136.8
131 103.6 70.3 130.7
166 123.2 88.9 165.1





#49

Dibromochloromethane

Concen: 15.557 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU053355.D

Acq: 22 Mar 2023 16:23

Instrument :

MSVOA_U

ClientSampleId :

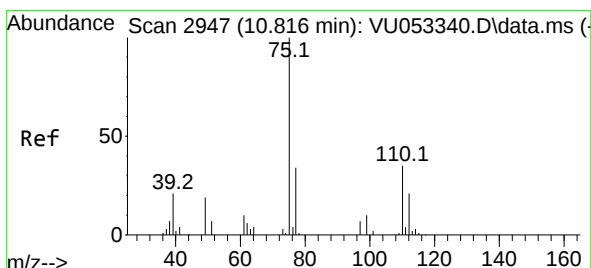
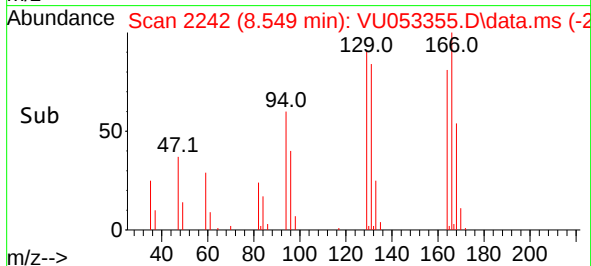
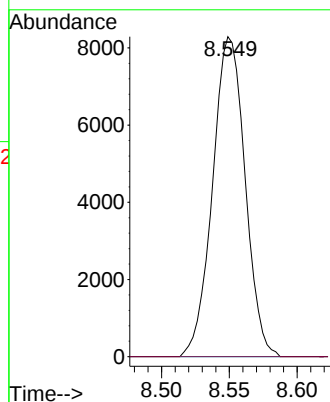
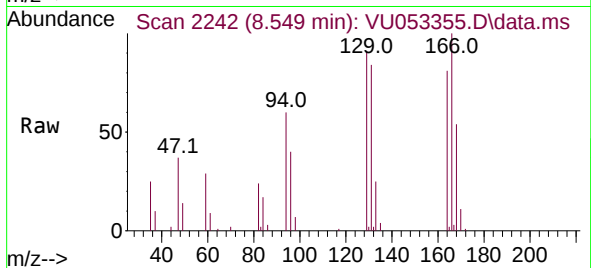
EXEM8DL

Tgt Ion:129 Resp: 13821

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



#60

1,2,3-Trichloropropane

Concen: 7.523 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.990 min

Lab File: VU053355.D

Acq: 22 Mar 2023 16:23

Tgt Ion: 75 Resp: 7069

Ion Ratio Lower Upper

75 100

77 32.7 26.6 40.0

110 0.9 28.6 42.8#

