

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
 Data File : VU052478.D
 Acq On : 21 Dec 2022 15:33
 Operator : JC/MD
 Sample : N6156-01DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL7DL

Quant Time: Dec 22 00:31:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

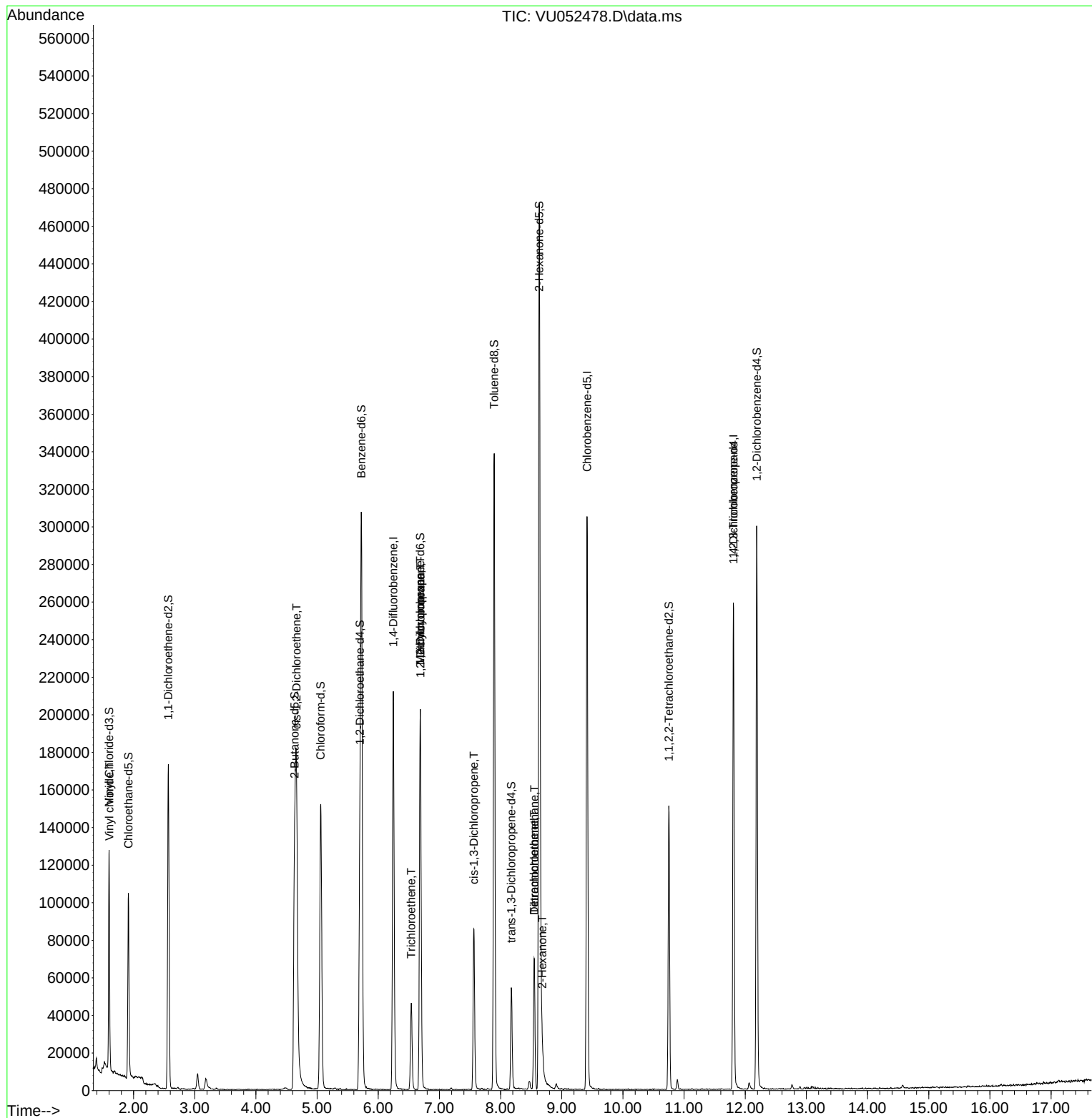
Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	159647	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161442	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	65973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	82028	5.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.915	69	72327	5.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.568	65	34901	5.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.200%
20) 2-Butanone-d5	4.632	46	242407	48.331	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.660%
24) Chloroform-d	5.060	84	142484	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.700	65	80748	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.726	84	281140	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.687	67	97824	5.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.896	98	216204	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
43) trans-1,3-Dichloroprop...	8.176	79	30928	4.740	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.632	63	162325	45.475	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.960%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	76582	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	75085	5.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	4153	0.223	ug/L #	1
22) cis-1,2-Dichloroethene	4.665	96	53212	3.935	ug/L	98
34) Trichloroethene	6.539	95	15833	1.165	ug/L	98
35) Methylcyclohexane	6.687	83	21124	1.030	ug/L #	14
37) 1,2-Dichloropropane	6.690	63	10116	0.623	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2345	0.114	ug/L #	72
47) Tetrachloroethene	8.549	164	15255	1.608	ug/L	94
48) 2-Hexanone	8.680	43	6392	0.715	ug/L #	40
49) Dibromochloromethane	8.552	129	14462	1.188	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	8770	0.927	ug/L #	70

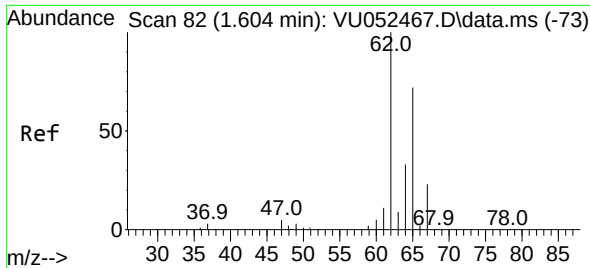
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
Data File : VU052478.D
Acq On : 21 Dec 2022 15:33
Operator : JC/MD
Sample : N6156-01DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEL7DL

Quant Time: Dec 22 00:31:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 22 00:28:27 2022
Response via : Initial Calibration

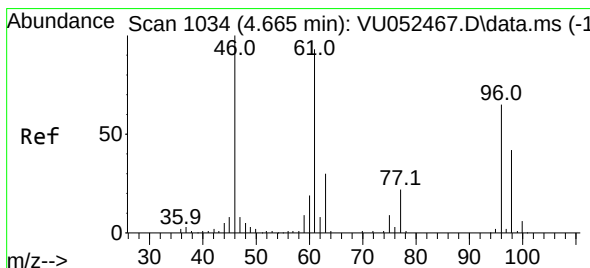
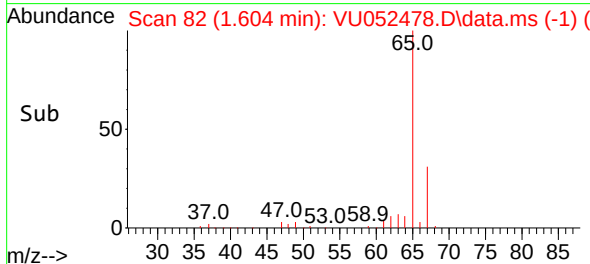
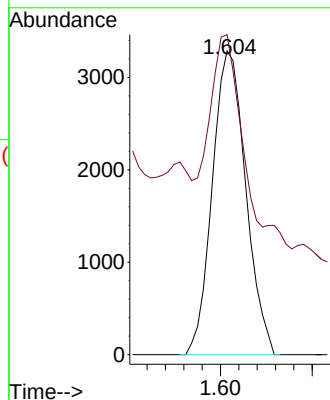
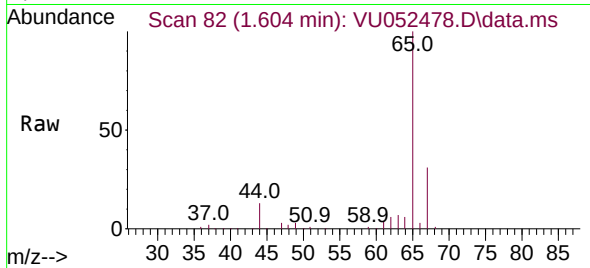




#5
 Vinyl chloride
 Concen: 0.223 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052478.D
 Acq: 21 Dec 2022 15:33

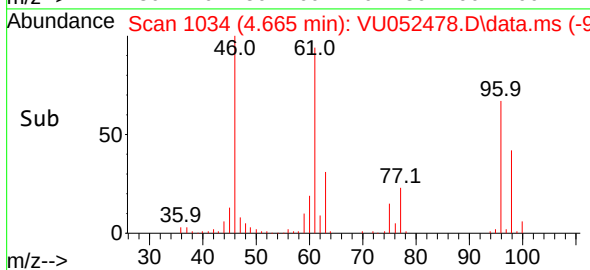
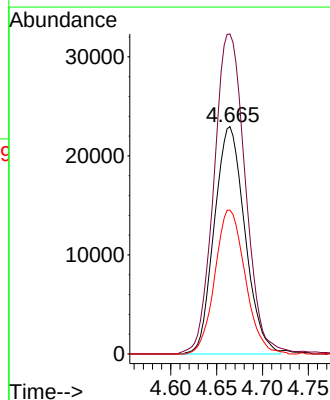
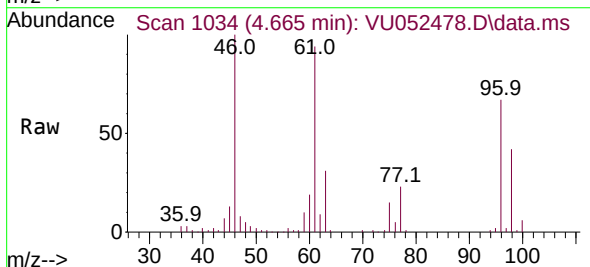
Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL7DL

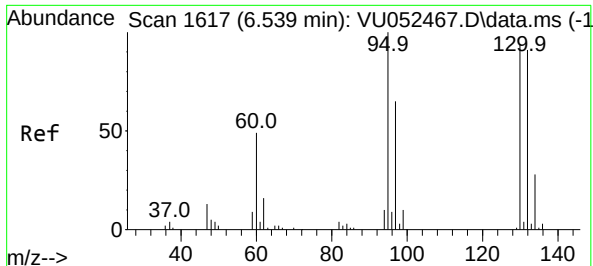
Tgt Ion: 62 Resp: 4153
 Ion Ratio Lower Upper
 62 100
 64 105.4 24.4 45.4#



#22
 cis-1,2-Dichloroethene
 Concen: 3.935 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052478.D
 Acq: 21 Dec 2022 15:33

Tgt Ion: 96 Resp: 53212
 Ion Ratio Lower Upper
 96 100
 61 140.7 96.9 180.1
 98 63.3 44.7 83.1



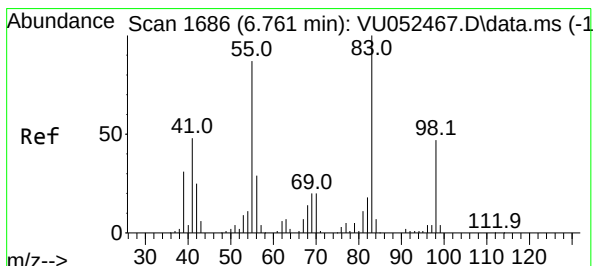
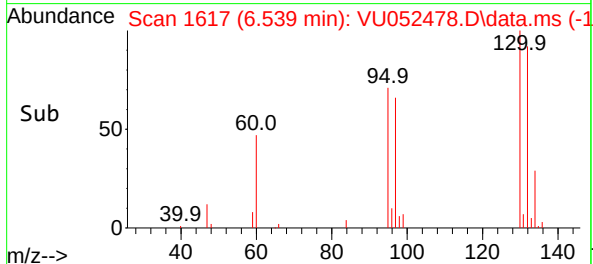
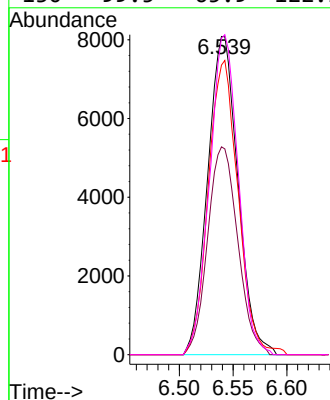
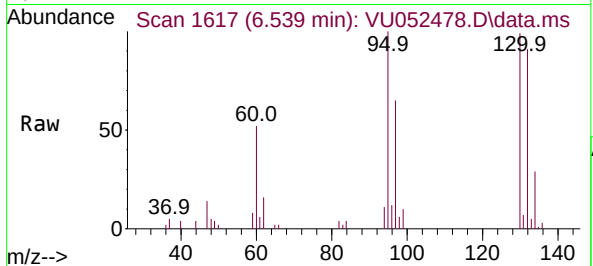


#34
Trichloroethene
Concen: 1.165 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :
EXEL7DL

Tgt Ion: 95 Resp: 15833

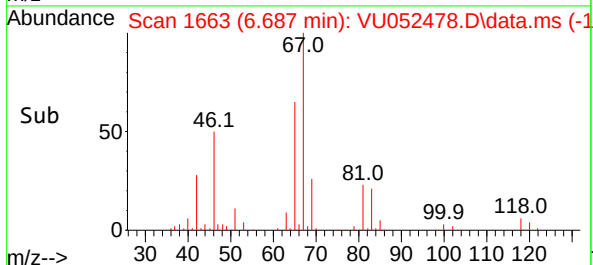
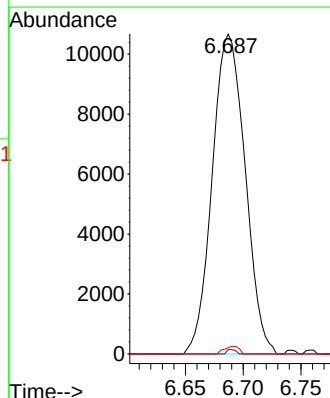
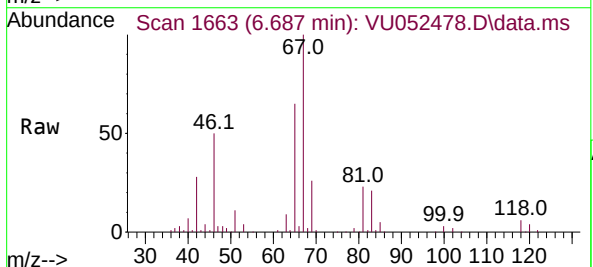
Ion	Ratio	Lower	Upper
95	100		
97	65.3	46.3	86.1
132	91.0	63.9	118.7
130	99.5	65.9	122.5

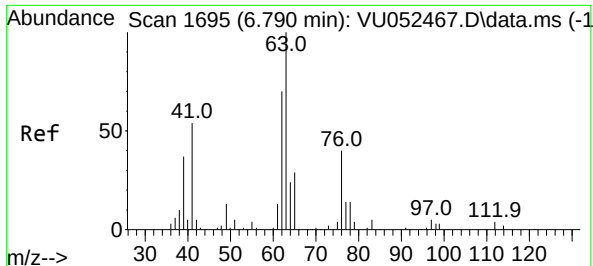


#35
Methylcyclohexane
Concen: 1.030 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Tgt Ion: 83 Resp: 21124

Ion	Ratio	Lower	Upper
83	100		
55	0.4	71.4	107.0#
98	1.1	36.5	54.7#





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU052478.D

Acq: 21 Dec 2022 15:33

Instrument :

MSVOA_U

ClientSampleId :

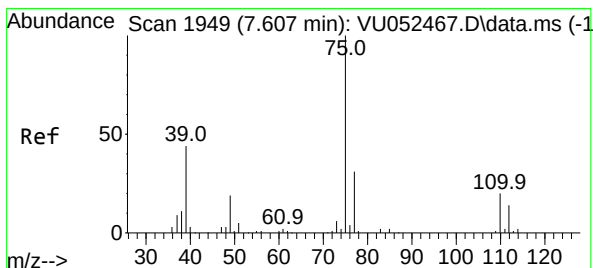
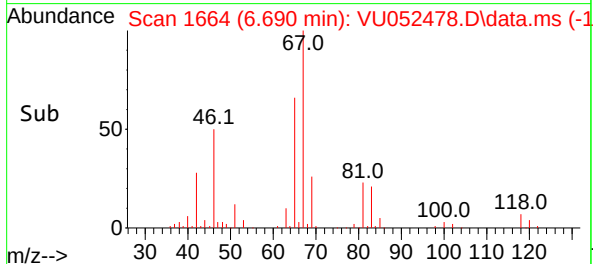
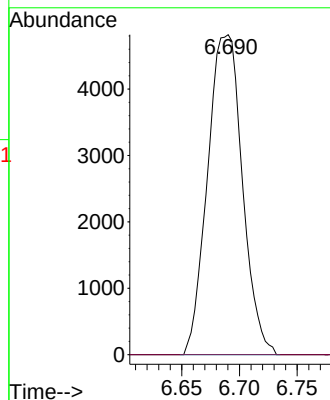
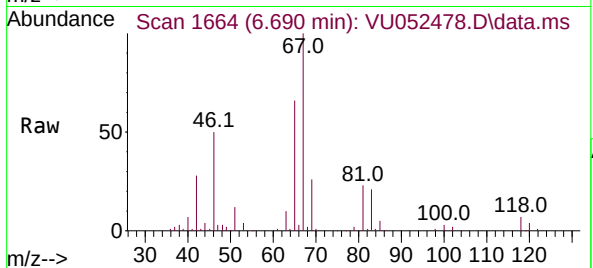
EXEL7DL

Tgt Ion: 63 Resp: 10116

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.562 min Scan# 1935

Delta R.T. -0.045 min

Lab File: VU052478.D

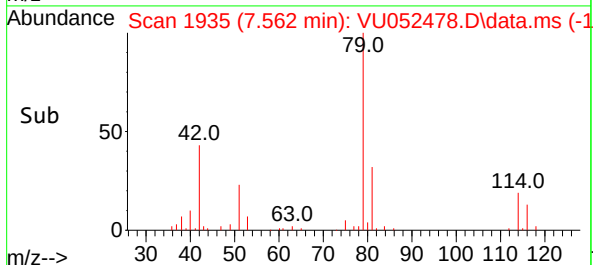
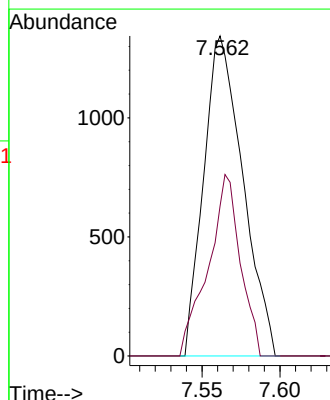
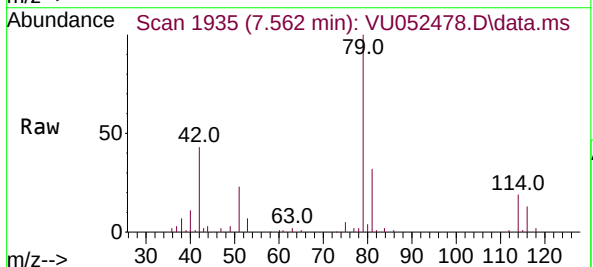
Acq: 21 Dec 2022 15:33

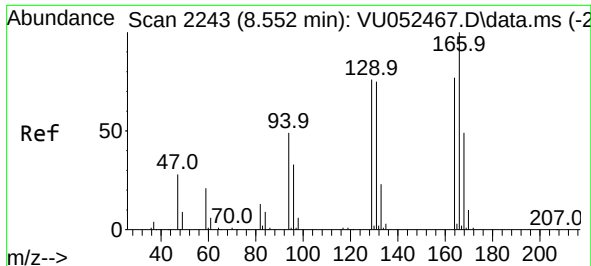
Tgt Ion: 75 Resp: 2345

Ion Ratio Lower Upper

75 100

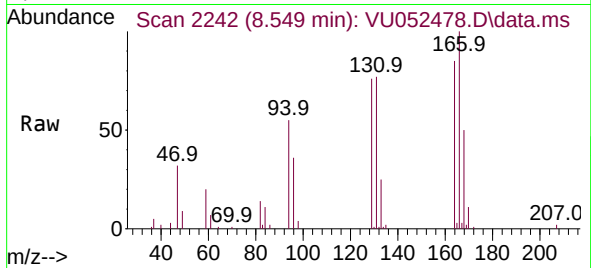
77 46.8 22.0 41.0#



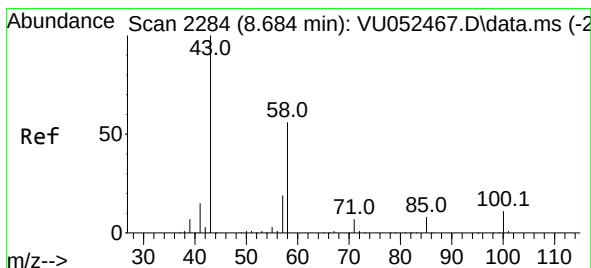
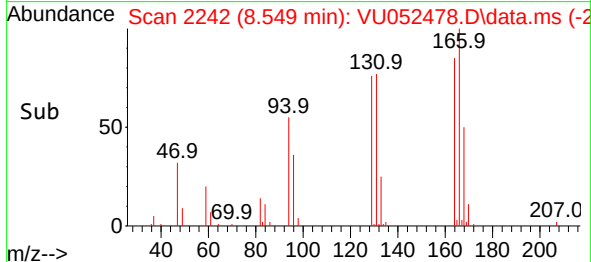
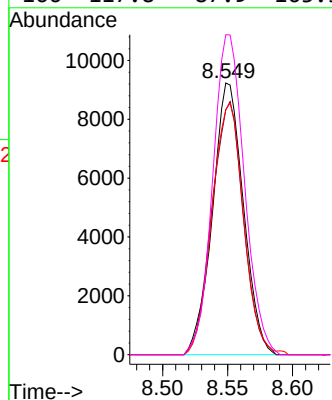


#47
Tetrachloroethene
Concen: 1.608 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :
EXEL7DL

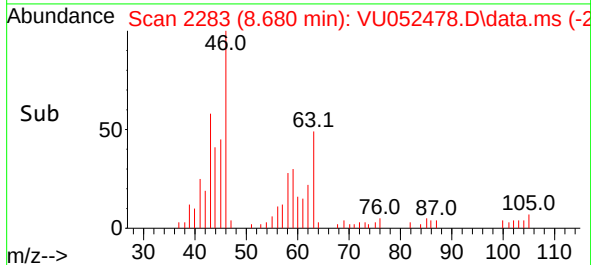
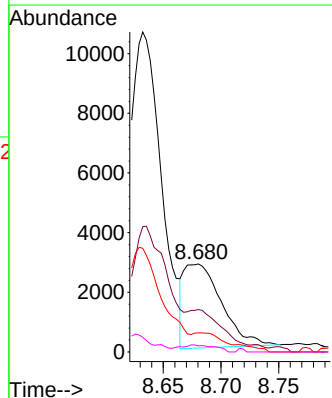
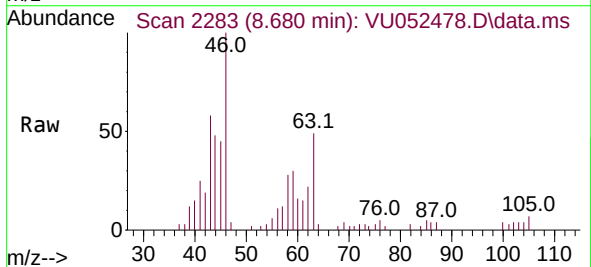


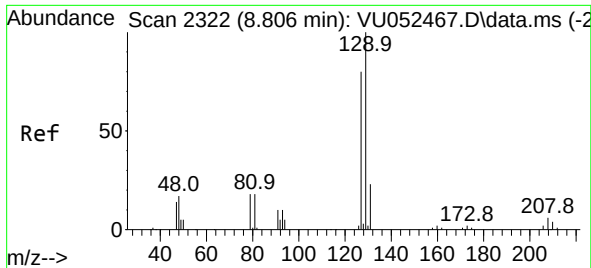
Tgt Ion:164 Resp: 15255
Ion Ratio Lower Upper
164 100
129 90.1 68.1 126.5
131 90.3 66.5 123.5
166 117.8 87.9 163.3



#48
2-Hexanone
Concen: 0.715 ug/L
RT: 8.680 min Scan# 2283
Delta R.T. -0.003 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Tgt Ion: 43 Resp: 6392
Ion Ratio Lower Upper
43 100
58 0.0 44.1 66.1#
57 0.0 14.6 21.8#
100 7.7 8.5 12.7#

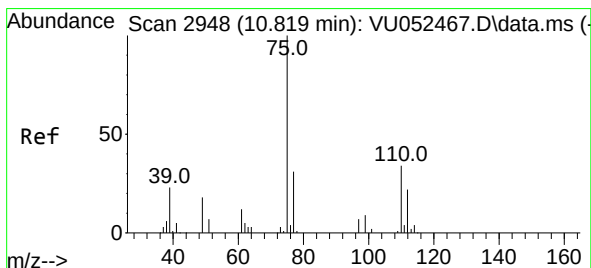
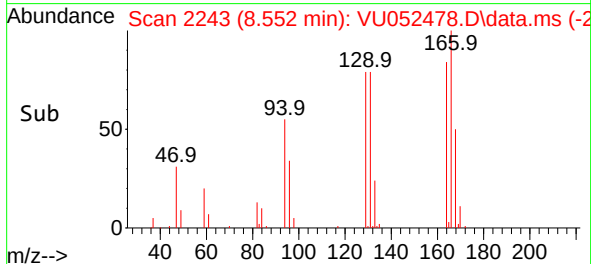
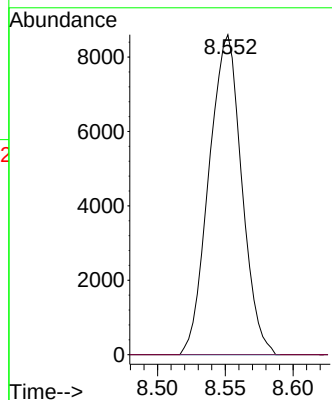
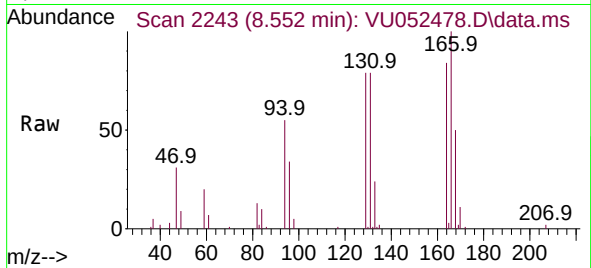




#49
Dibromochloromethane
Concen: 1.188 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Instrument :
MSVOA_U
ClientSampleId :
EXEL7DL

Tgt Ion:129 Resp: 14462
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#



#61
1,2,3-Trichloropropane
Concen: 0.927 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052478.D
Acq: 21 Dec 2022 15:33

Tgt Ion: 75 Resp: 8770
Ion Ratio Lower Upper
75 100
110 2.7 27.9 41.9#
77 33.7 25.9 38.9

