

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
 Data File : VU052475.D
 Acq On : 21 Dec 2022 13:13
 Operator : JC/MD
 Sample : N6156-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL9

Quant Time: Dec 22 00:30:23 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)

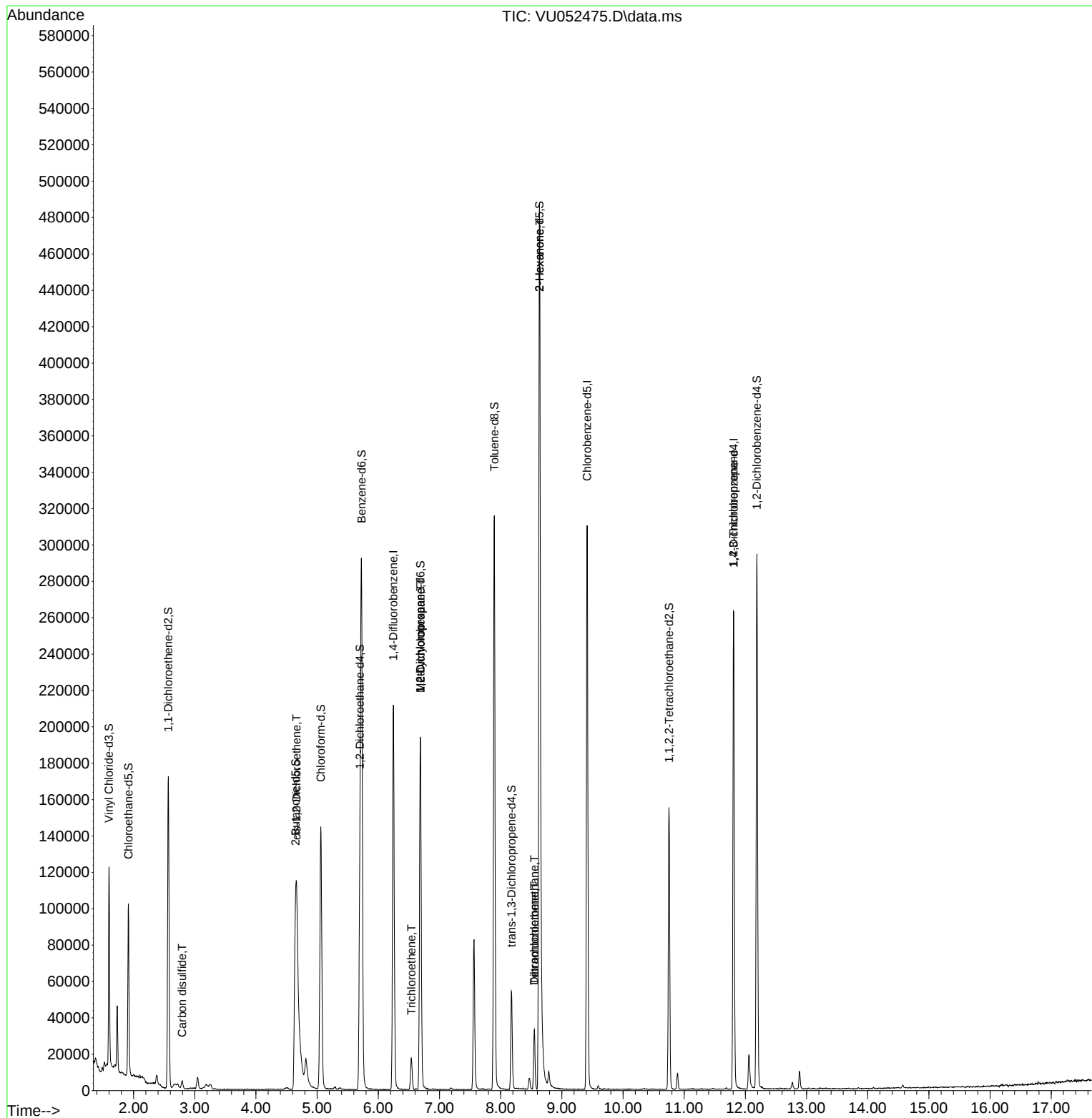
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	161602	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	160509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66738	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80090	4.892	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.800%	
7) Chloroethane-d5	1.916	69	70500	4.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.568	65	33722	4.787	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.800%	
20) 2-Butanone-d5	4.649	46	264186	52.036	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.080%	
24) Chloroform-d	5.060	84	135787	4.916	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.700	65	79754	4.978	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.726	84	266193	4.837	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
36) 1,2-Dichloropropane-d6	6.687	67	94405	4.984	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.600%	
41) Toluene-d8	7.896	98	205072	4.439	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.800%	
43) trans-1,3-Dichloroprop...	8.176	79	30883	4.761	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.200%	
46) 2-Hexanone-d5	8.632	63	175317	49.401	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.800%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	79628	4.951	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.000%	
66) 1,2-Dichlorobenzene-d4	12.188	152	73822	5.433	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
14) Carbon disulfide	2.793	76	5561	0.143	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	15103	1.103	ug/L	97
34) Trichloroethene	6.542	95	5717	0.423	ug/L	95
35) Methylcyclohexane	6.687	83	20447	1.003	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	9702	0.601	ug/L #	88
47) Tetrachloroethene	8.552	164	6770	0.718	ug/L	91
48) 2-Hexanone	8.635	43	23359	2.629	ug/L #	80
49) Dibromochloromethane	8.552	129	6802	0.562	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	9382	0.980	ug/L #	69

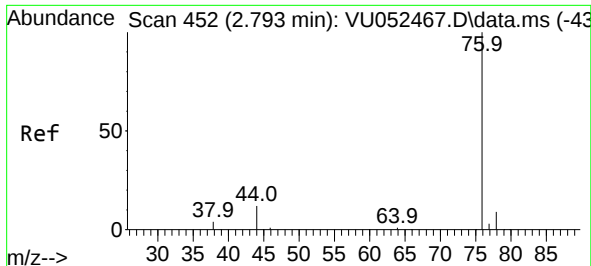
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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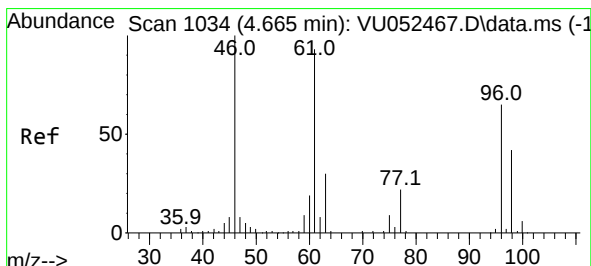
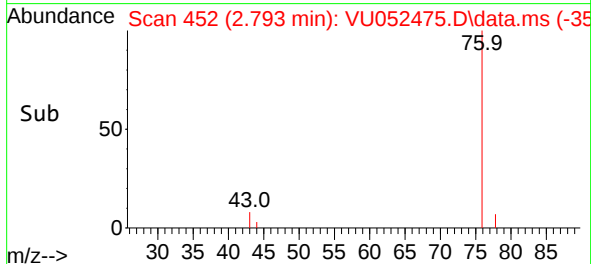
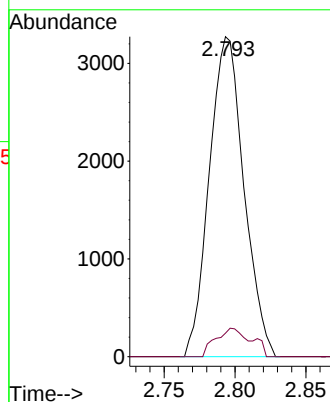
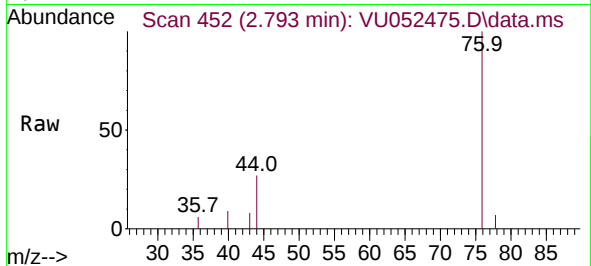




#14
Carbon disulfide
Concen: 0.143 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU052475.D
Acq: 21 Dec 2022 13:13

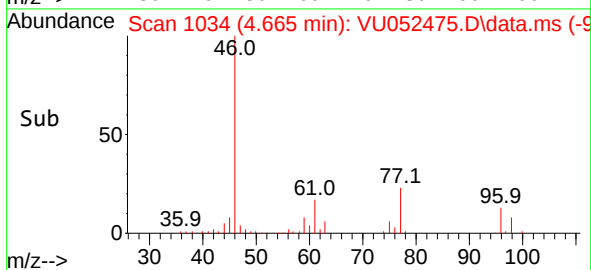
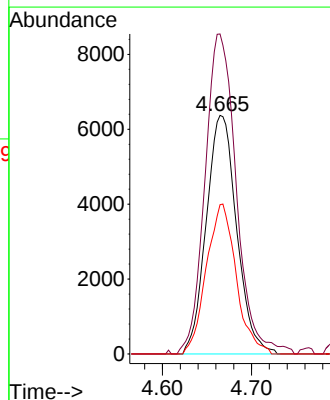
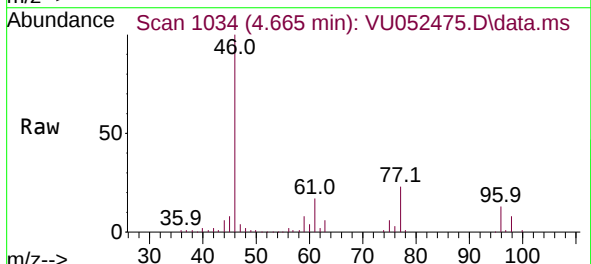
Instrument :
MSVOA_U
ClientSampleId :
EXEL9

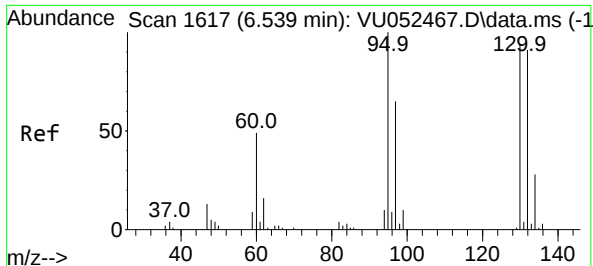
Tgt Ion: 76 Resp: 5561
Ion Ratio Lower Upper
76 100
78 7.4 7.1 10.7



#22
cis-1,2-Dichloroethene
Concen: 1.103 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052475.D
Acq: 21 Dec 2022 13:13

Tgt Ion: 96 Resp: 15103
Ion Ratio Lower Upper
96 100
61 134.2 96.9 180.1
98 62.6 44.7 83.1



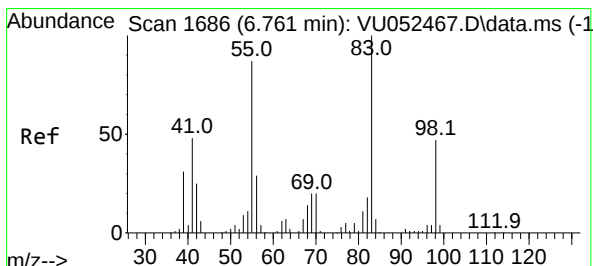
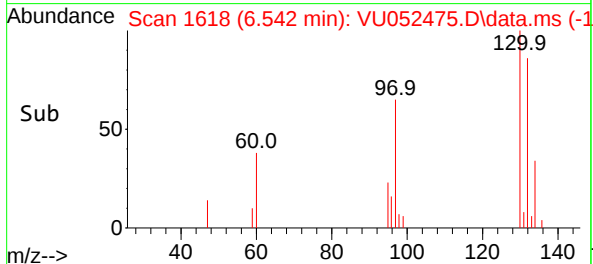
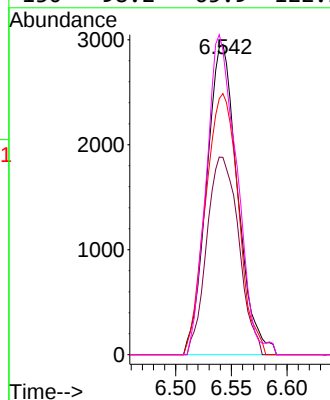
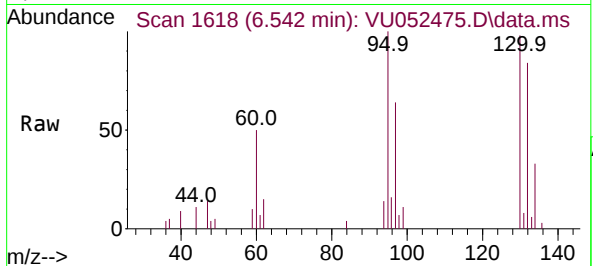


#34
Trichloroethene
Concen: 0.423 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU052475.D
Acq: 21 Dec 2022 13:13

Instrument :
MSVOA_U
ClientSampleId :
EXEL9

Tgt Ion: 95 Resp: 5717

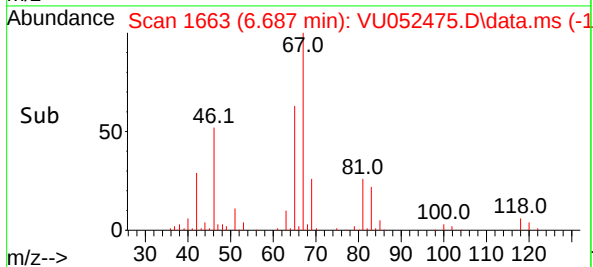
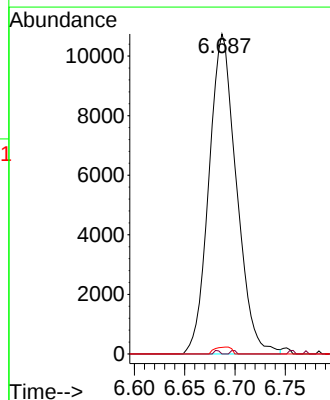
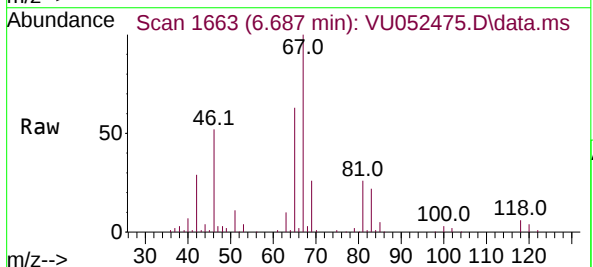
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.3	86.1
132	84.2	63.9	118.7
130	98.2	65.9	122.5

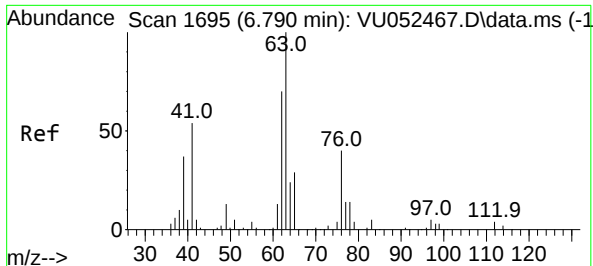


#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052475.D
Acq: 21 Dec 2022 13:13

Tgt Ion: 83 Resp: 20447

Ion	Ratio	Lower	Upper
83	100		
55	0.2	71.4	107.0#
98	1.3	36.5	54.7#





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052475.D

Acq: 21 Dec 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :

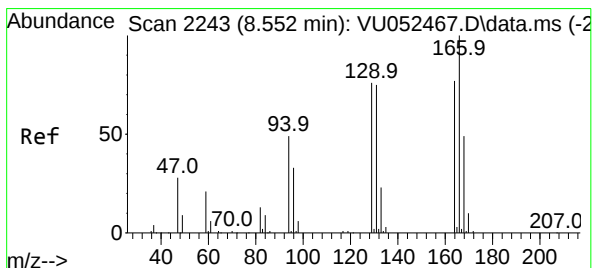
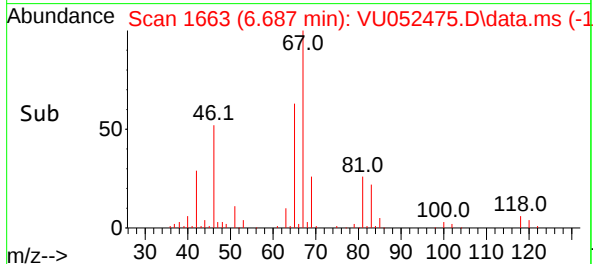
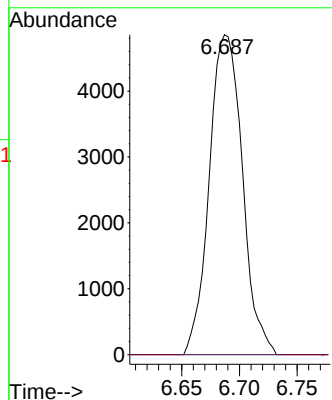
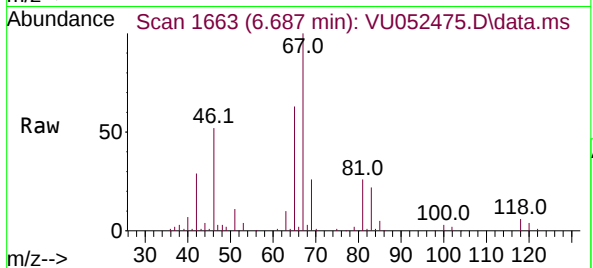
EXEL9

Tgt Ion: 63 Resp: 9702

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#47

Tetrachloroethene

Concen: 0.718 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU052475.D

Acq: 21 Dec 2022 13:13

Tgt Ion: 164 Resp: 6770

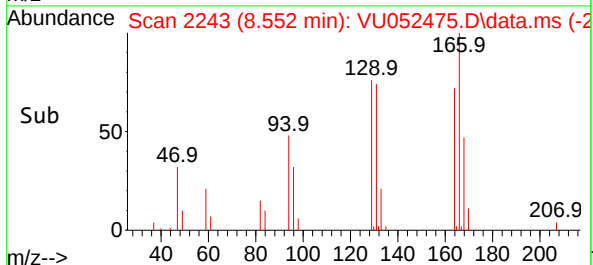
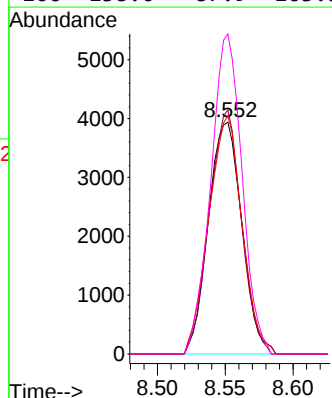
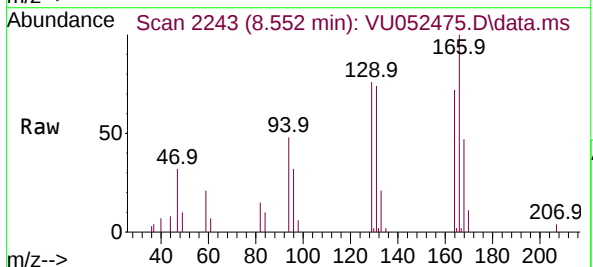
Ion Ratio Lower Upper

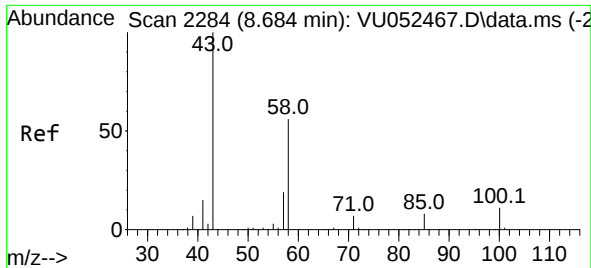
164 100

129 105.3 68.1 126.5

131 102.7 66.5 123.5

166 138.0 87.9 163.3

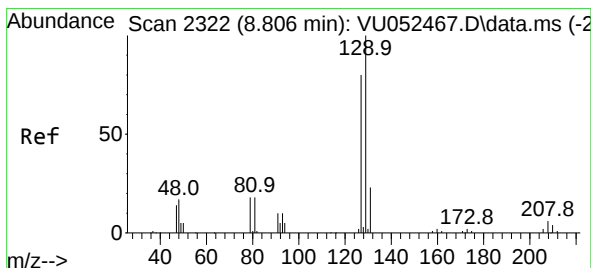
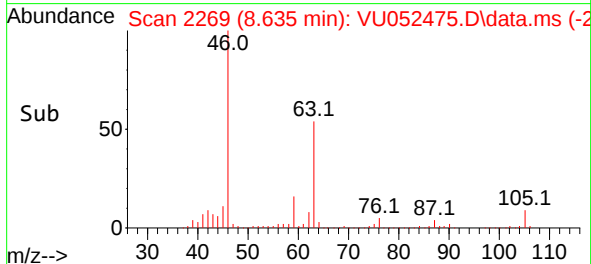
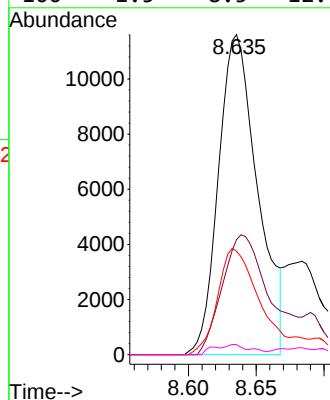
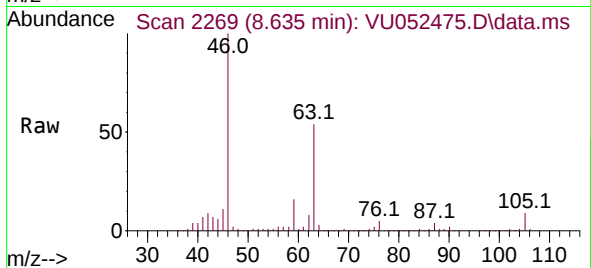




#48
2-Hexanone
Concen: 2.629 ug/L
RT: 8.635 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052475.D
Acq: 21 Dec 2022 13:13

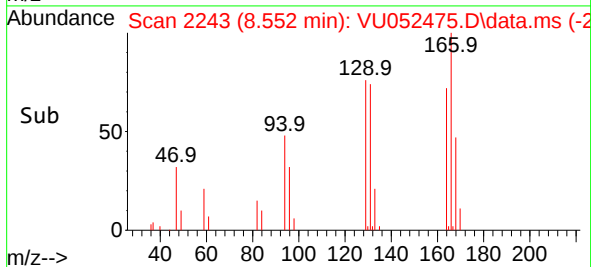
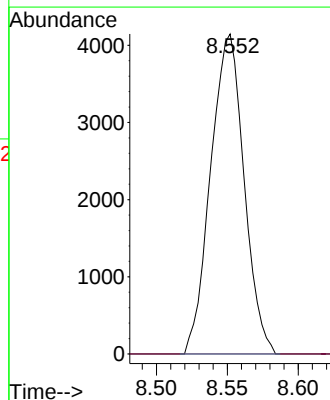
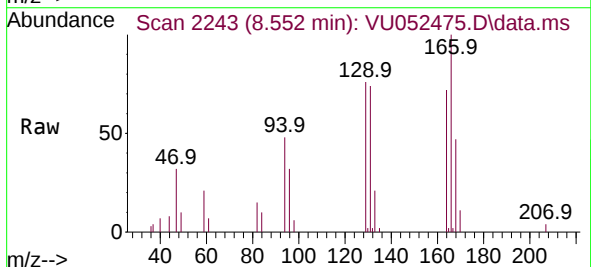
Instrument :
MSVOA_U
ClientSampleId :
EXEL9

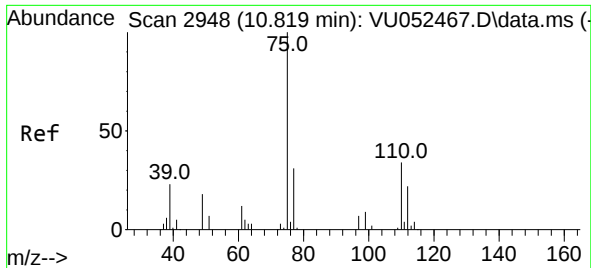
Tgt Ion: 43	Resp: 23359
Ion Ratio	Lower Upper
43 100	
58 46.3	44.1 66.1
57 37.4	14.6 21.8#
100 1.5	8.5 12.7#



#49
Dibromochloromethane
Concen: 0.562 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.254 min
Lab File: VU052475.D
Acq: 21 Dec 2022 13:13

Tgt Ion:129	Resp: 6802		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	54.2	100.6#	





#61

1,2,3-Trichloropropane

Concen: 0.980 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU052475.D

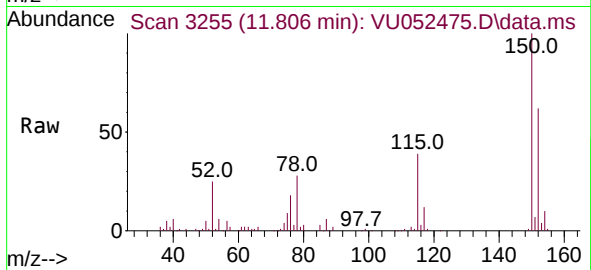
Acq: 21 Dec 2022 13:13

Instrument :

MSVOA_U

ClientSampleId :

EXEL9



Tgt Ion: 75 Resp: 9382

Ion Ratio Lower Upper

75 100

110 2.2 27.9 41.9#

77 30.5 25.9 38.9

