

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
 Data File : VU052474.D
 Acq On : 21 Dec 2022 12:49
 Operator : JC/MD
 Sample : N6156-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL7

Quant Time: Dec 22 00:30:07 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)

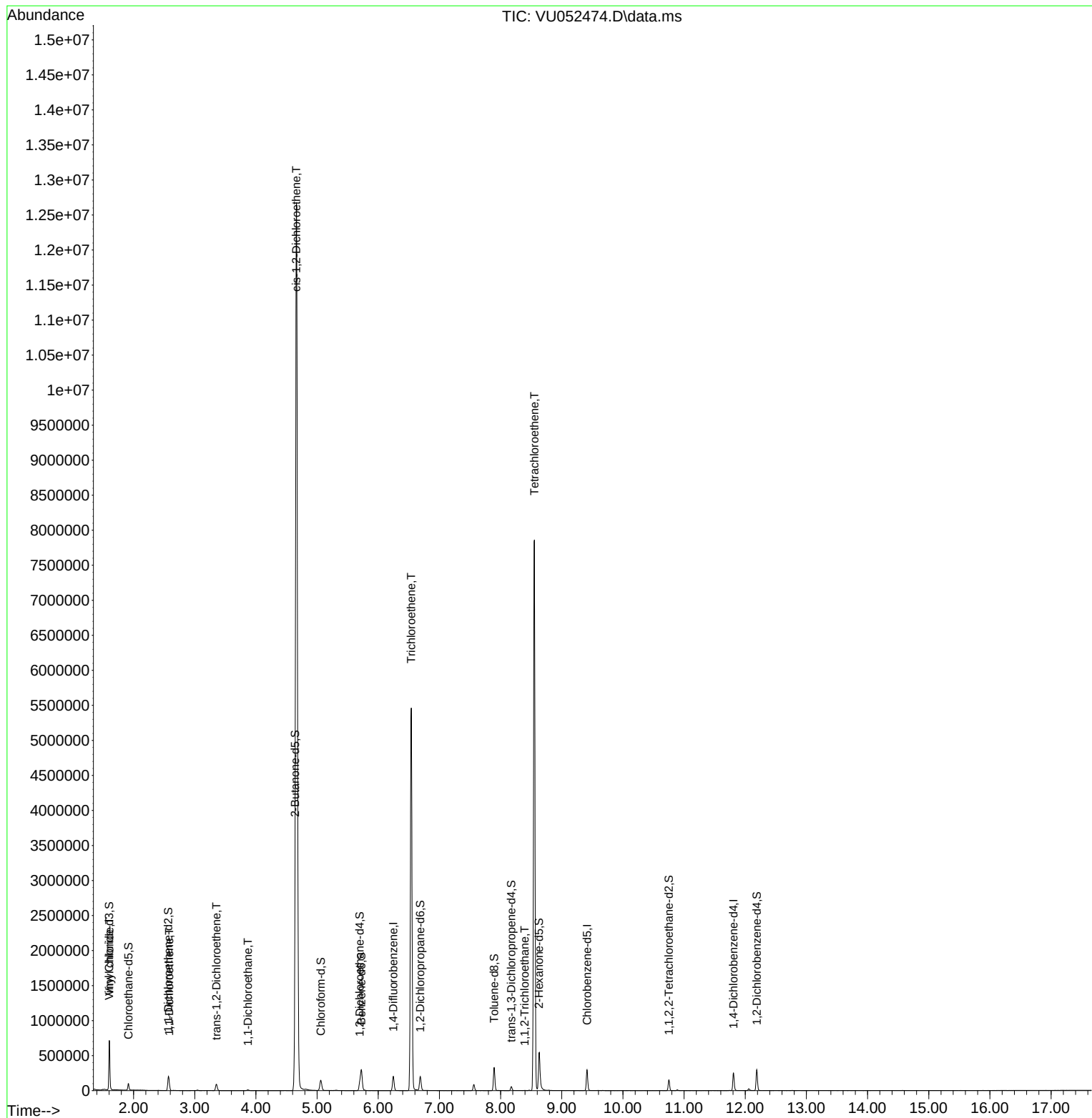
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	156249	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	153613	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81956	5.177	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.600%
7) Chloroethane-d5	1.916	69	69950	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.568	65	33446	4.910	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.639	46	275691	56.162	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.320%
24) Chloroform-d	5.060	84	133265	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.697	65	80404	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.722	84	271724	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.687	67	97062	5.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.896	98	212734	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.176	79	31609	5.092	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.629	63	193736	57.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.080%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	77769	5.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	74308	5.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	423685	23.290	ug/L	97
12) 1,1-Dichloroethene	2.581	96	21450	1.833	ug/L #	38
18) trans-1,2-Dichloroethene	3.353	96	37086	3.075	ug/L	96
19) 1,1-Dichloroethane	3.867	63	12947	0.494	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	6193289	467.933	ug/L	95
34) Trichloroethene	6.539	95	1853453	143.291	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	1138	0.104	ug/L #	81
47) Tetrachloroethene	8.552	164	1639511	181.583	ug/L	99

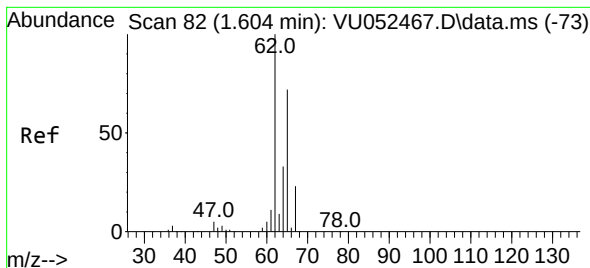
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122122\
Data File : VU052474.D
Acq On : 21 Dec 2022 12:49
Operator : JC/MD
Sample : N6156-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXEL7

Quant Time: Dec 22 00:30:07 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: 23.290 ug/L

RT: 1.604 min Scan# 81

Delta R.T. -0.000 min

Lab File: VU052474.D

Acq: 21 Dec 2022 12:49

Instrument :

MSVOA_U

ClientSampleId :

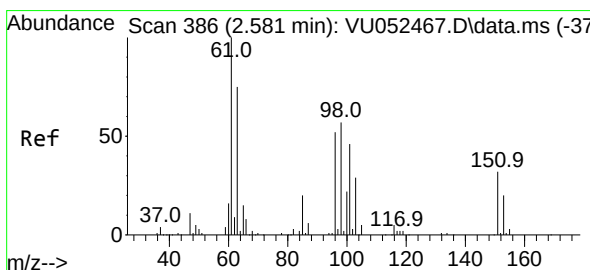
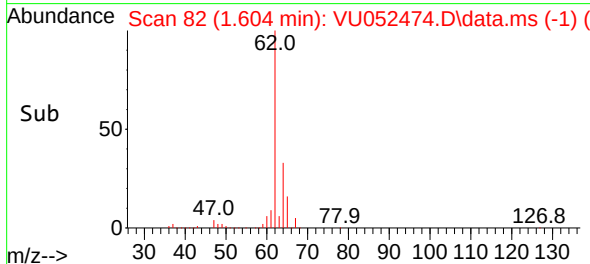
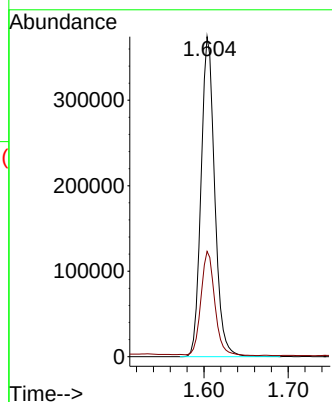
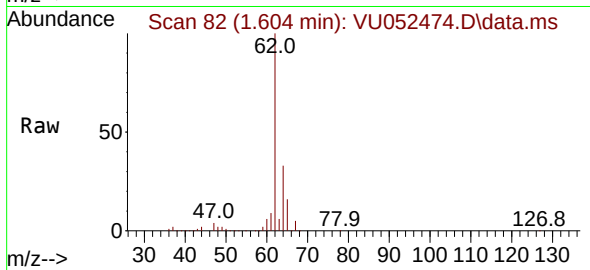
EXEL7

Tgt Ion: 62 Resp: 423685

Ion Ratio Lower Upper

62 100

64 32.9 24.4 45.4



#12

1,1-Dichloroethene

Concen: 1.833 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.000 min

Lab File: VU052474.D

Acq: 21 Dec 2022 12:49

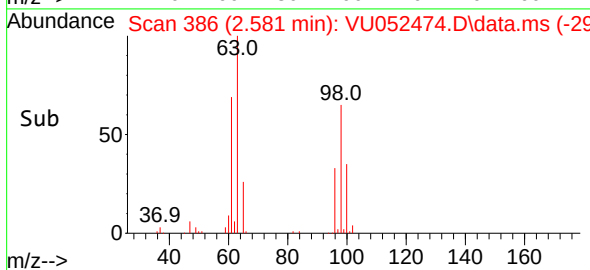
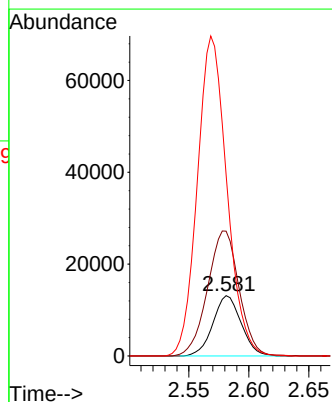
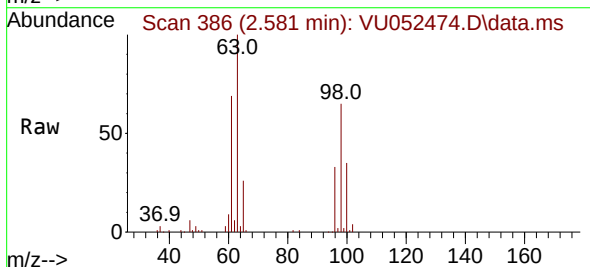
Tgt Ion: 96 Resp: 21450

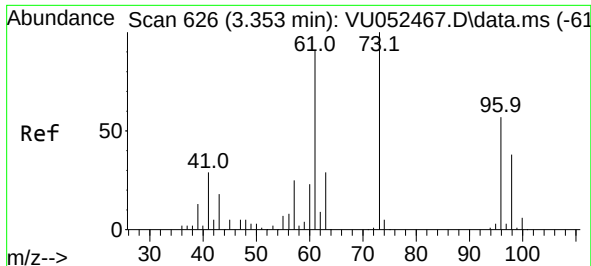
Ion Ratio Lower Upper

96 100

61 206.7 135.4 251.4

63 299.8 95.4 177.2#

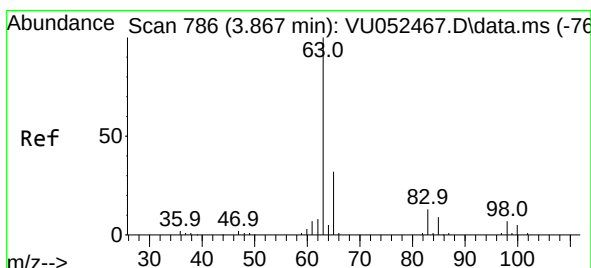
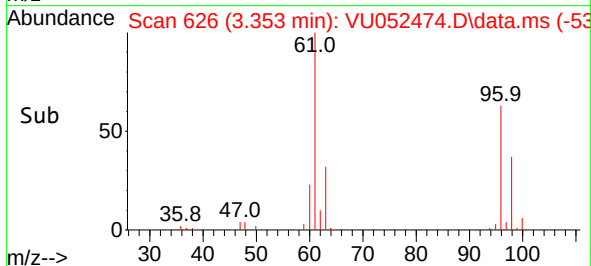
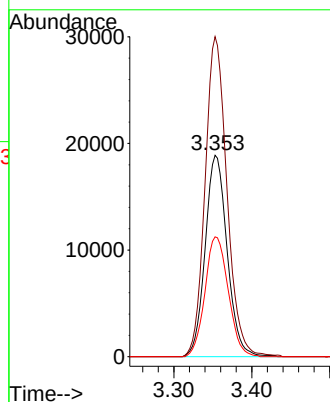
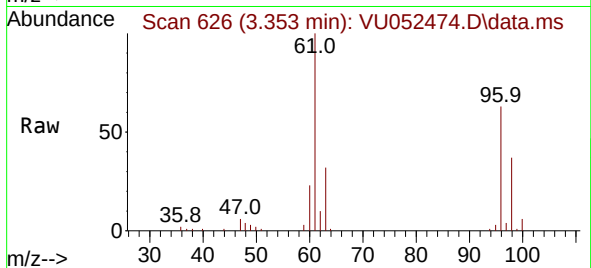




#18
trans-1,2-Dichloroethene
Concen: 3.075 ug/L
RT: 3.353 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU052474.D
Acq: 21 Dec 2022 12:49

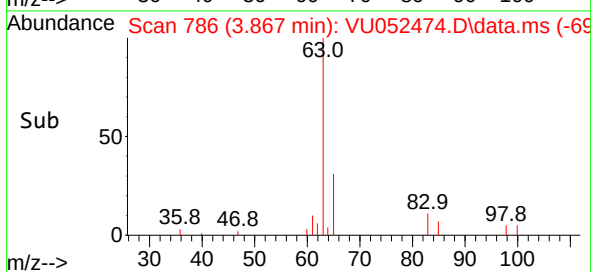
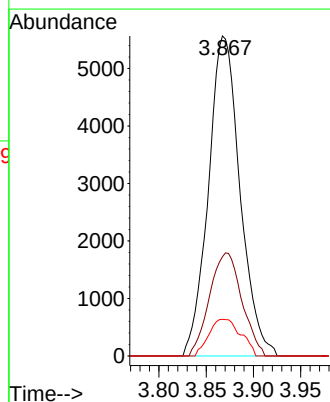
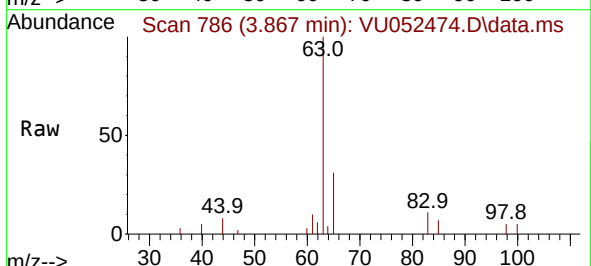
Instrument :
MSVOA_U
ClientSampleId :
EXEL7

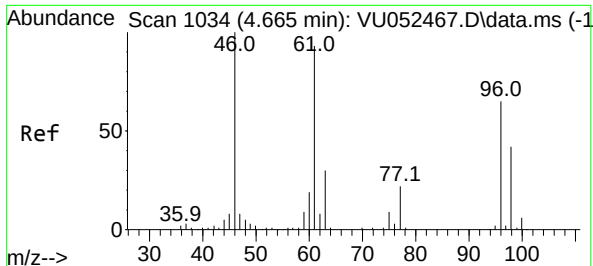
Tgt Ion: 96 Resp: 37086
Ion Ratio Lower Upper
96 100
61 158.8 108.3 201.1
98 59.5 44.0 81.6



#19
1,1-Dichloroethane
Concen: 0.494 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU052474.D
Acq: 21 Dec 2022 12:49

Tgt Ion: 63 Resp: 12947
Ion Ratio Lower Upper
63 100
65 31.0 22.0 40.8
83 11.5 9.0 16.8



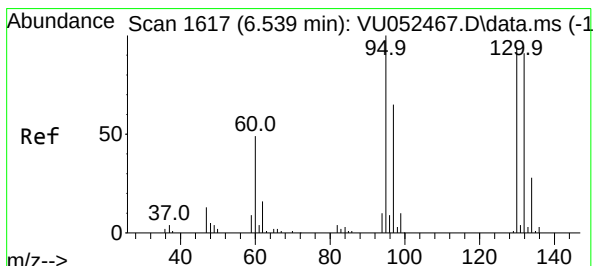
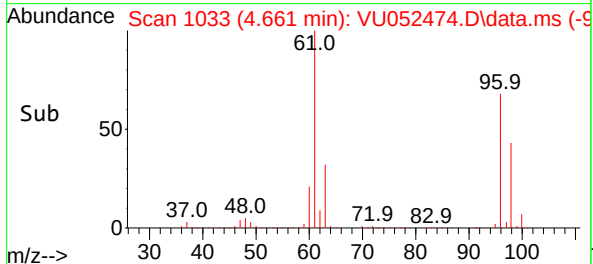
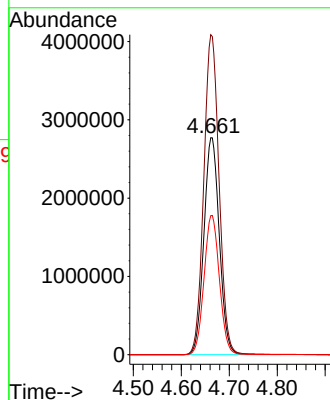
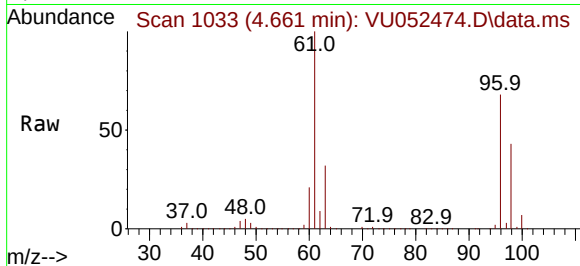


#22
 cis-1,2-Dichloroethene
 Concen: 467.933 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.003 min
 Lab File: VU052474.D
 Acq: 21 Dec 2022 12:49

Instrument :
 MSVOA_U
 ClientSampleId :
 EXEL7

Tgt Ion: 96 Resp: 6193289

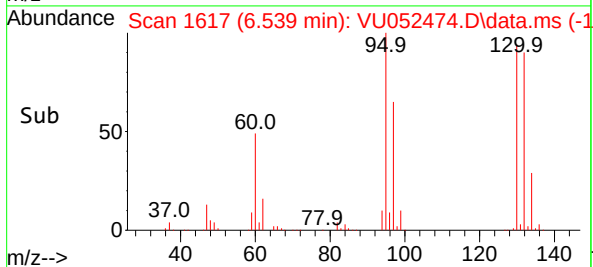
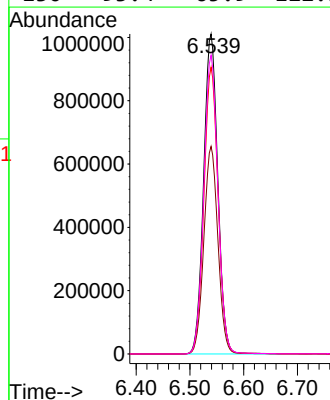
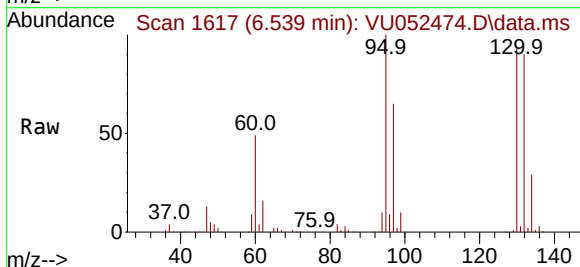
Ion	Ratio	Lower	Upper
96	100		
61	147.5	96.9	180.1
98	64.1	44.7	83.1

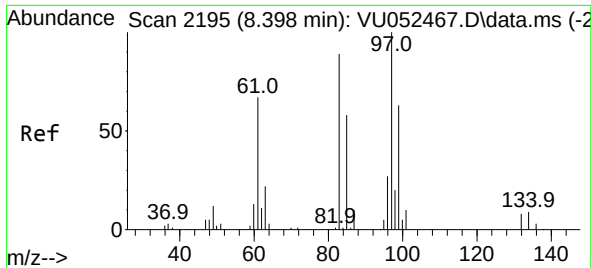


#34
 Trichloroethene
 Concen: 143.291 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052474.D
 Acq: 21 Dec 2022 12:49

Tgt Ion: 95 Resp: 1853453

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.3	86.1
132	89.6	63.9	118.7
130	93.4	65.9	122.5



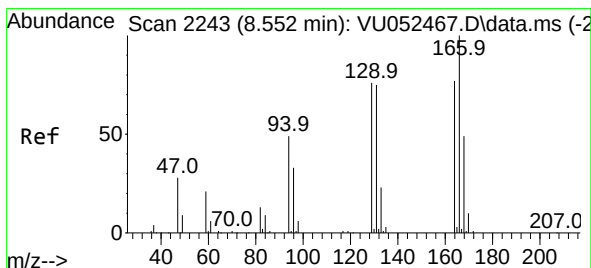
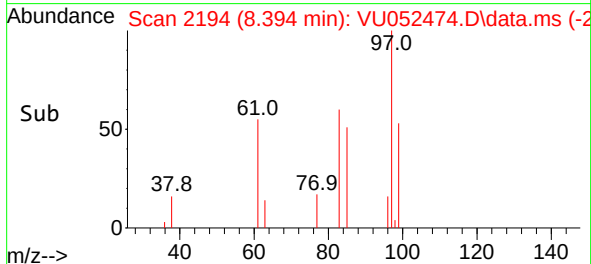
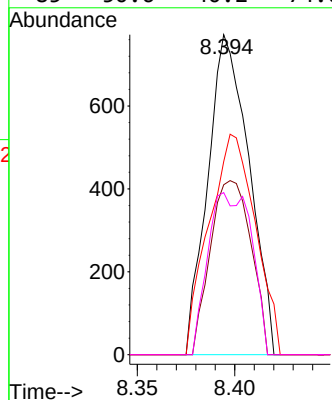
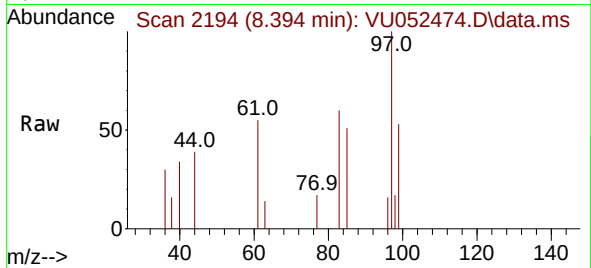


#45
1,1,2-Trichloroethane
Concen: 0.104 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU052474.D
Acq: 21 Dec 2022 12:49

Instrument :
MSVOA_U
ClientSampleId :
EXEL7

Tgt Ion: 97 Resp: 1138

Ion	Ratio	Lower	Upper
97	100		
99	53.1	42.0	78.0
83	60.4	63.2	117.4#
85	50.6	40.2	74.6



#47
Tetrachloroethene
Concen: 181.583 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU052474.D
Acq: 21 Dec 2022 12:49

Tgt Ion: 164 Resp: 1639511

Ion	Ratio	Lower	Upper
164	100		
129	100.0	68.1	126.5
131	96.0	66.5	123.5
166	126.6	87.9	163.3

