

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052360.D
 Acq On : 12 Dec 2022 18:08
 Operator : JC/MD
 Sample : N5961-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N34

Quant Time: Dec 13 01:06:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

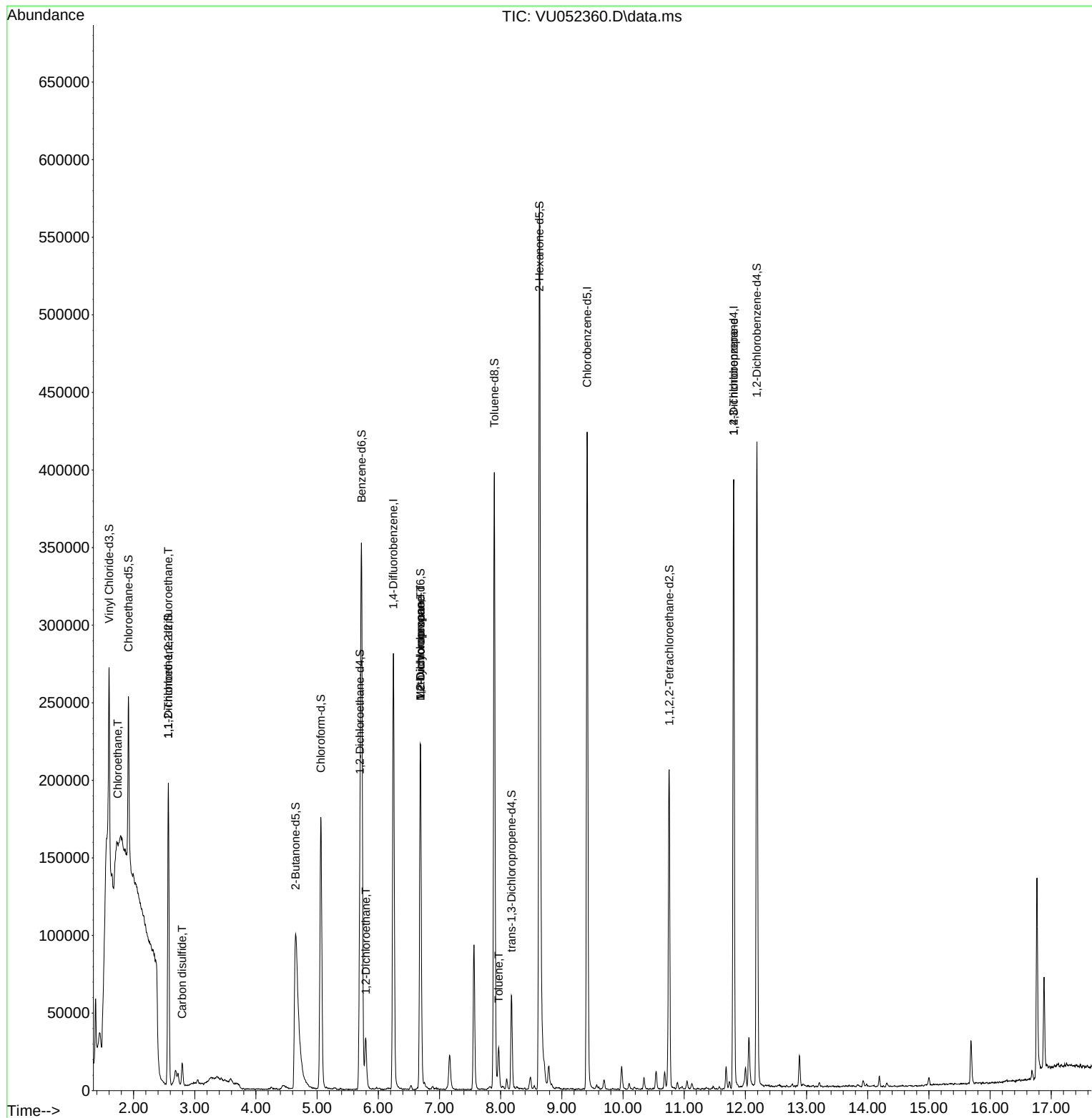
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	237406	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	247138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	90444	3.917	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.916	69	79457	4.430	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.568	65	36057	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.649	46	281131	67.163	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.320%#
24) Chloroform-d	5.060	84	171381	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.700	65	89006	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.726	84	350753	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.690	67	116657	5.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.896	98	280998	4.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.179	79	35707	4.315	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.632	63	217474	62.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.040%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	107778	5.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	116327	5.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
8) Chloroethane	1.739	64	50159	3.124	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1044	0.060	ug/L #	20
14) Carbon disulfide	2.793	76	20263	0.340	ug/L	97
27) 1,2-Dichloroethane	5.796	62	25107	1.216	ug/L	96
35) Methylcyclohexane	6.690	83	25741	0.892	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11403	0.548	ug/L #	88
42) Toluene	7.967	91	19788	0.239	ug/L	97
61) 1,2,3-Trichloropropane	11.809	75	13168	1.033	ug/L #	66

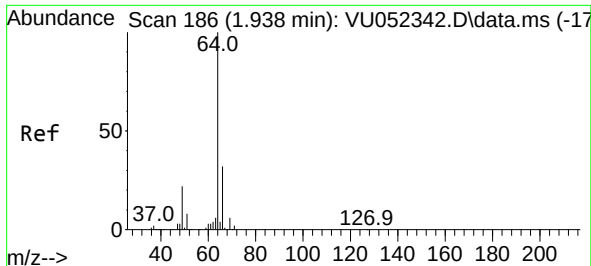
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
Data File : VU052360.D
Acq On : 12 Dec 2022 18:08
Operator : JC/MD
Sample : N5961-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5N34

Quant Time: Dec 13 01:06:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration

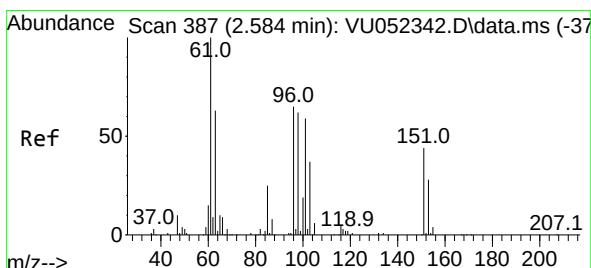
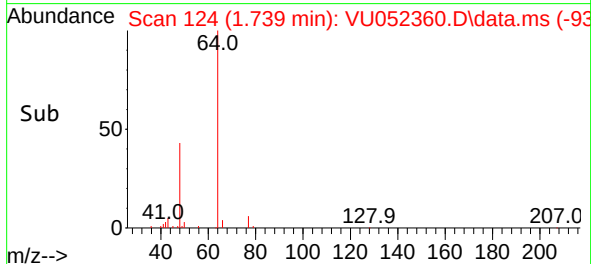
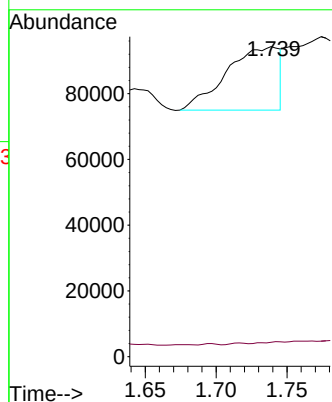
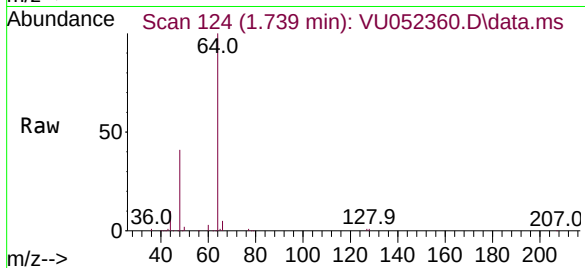




#8
Chloroethane
Concen: 3.124 ug/L
RT: 1.739 min Scan# 11
Delta R.T. -0.199 min
Lab File: VU052360.D
Acq: 12 Dec 2022 18:08

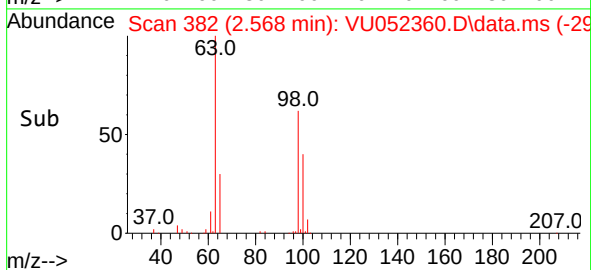
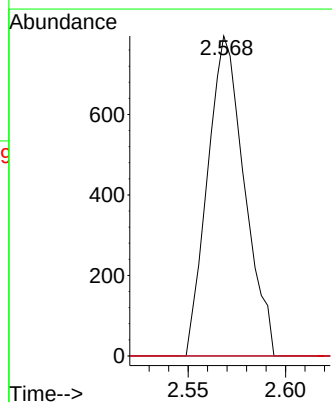
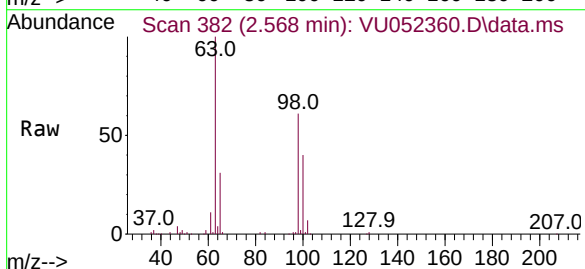
Instrument :
MSVOA_U
ClientSampleId :
F5N34

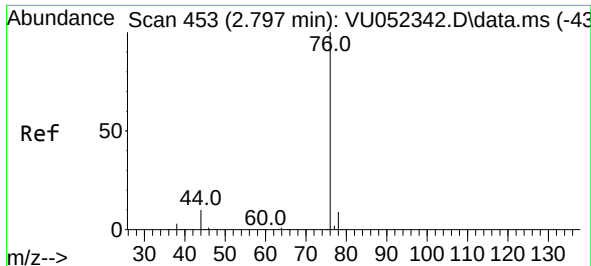
Tgt Ion: 64 Resp: 50159
Ion Ratio Lower Upper
64 100
66 4.6 21.1 39.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.016 min
Lab File: VU052360.D
Acq: 12 Dec 2022 18:08

Tgt Ion:101 Resp: 1044
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#

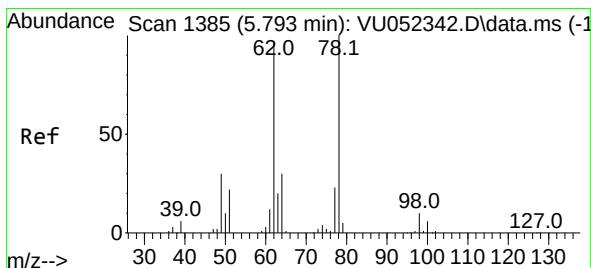
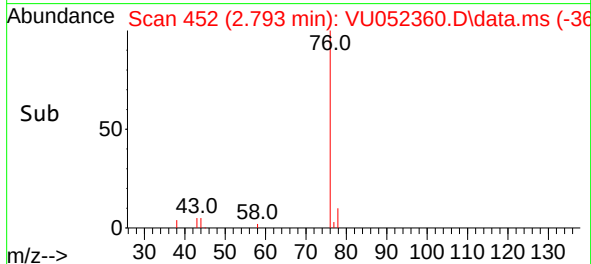
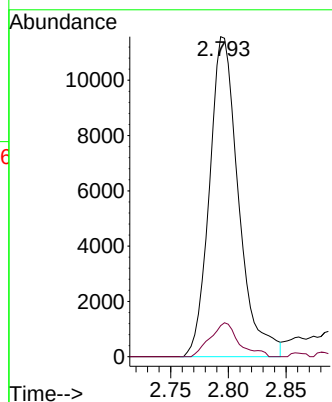
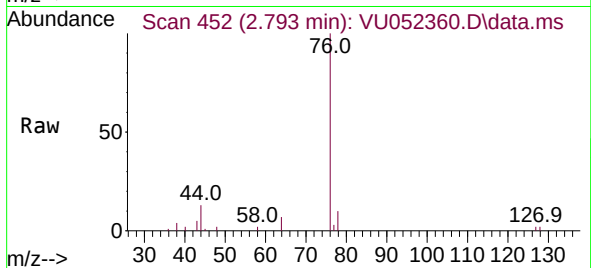




#14
Carbon disulfide
Concen: 0.340 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU052360.D
Acq: 12 Dec 2022 18:08

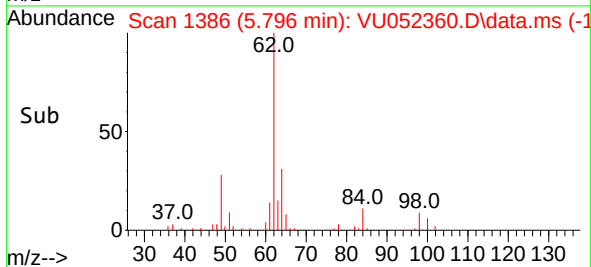
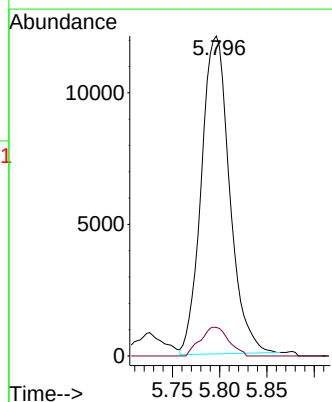
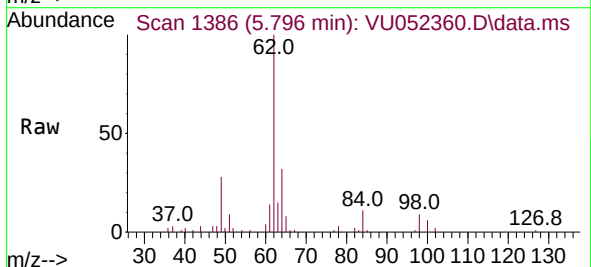
Instrument :
MSVOA_U
ClientSampleId :
F5N34

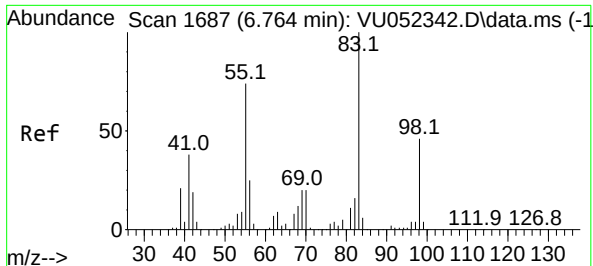
Tgt Ion: 76 Resp: 20263
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#27
1,2-Dichloroethane
Concen: 1.216 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU052360.D
Acq: 12 Dec 2022 18:08

Tgt Ion: 62 Resp: 25107
Ion Ratio Lower Upper
62 100
98 8.9 8.4 12.6





#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052360.D

Acq: 12 Dec 2022 18:08

Instrument :

MSVOA_U

ClientSampleId :

F5N34

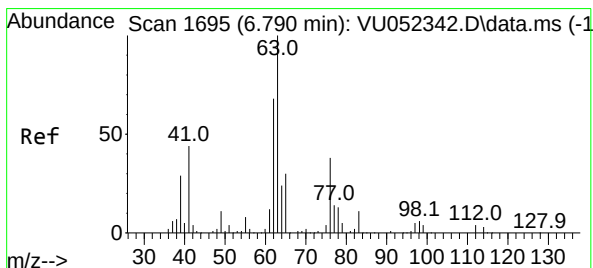
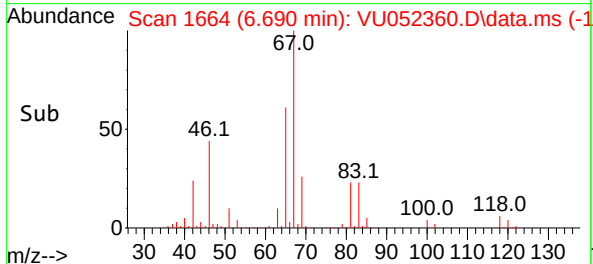
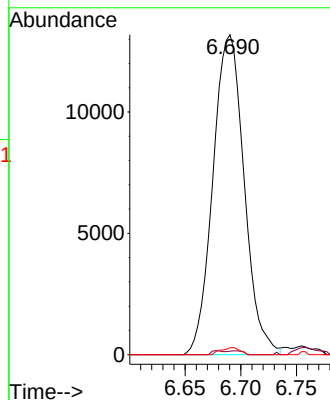
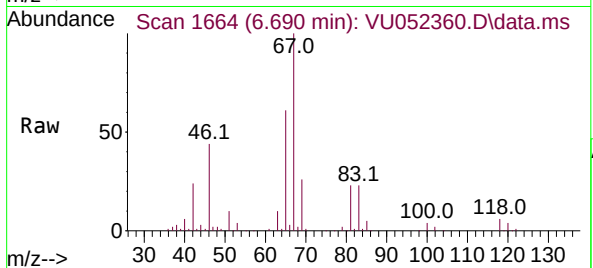
Tgt Ion: 83 Resp: 25741

Ion Ratio Lower Upper

83 100

55 0.5 60.8 91.2#

98 1.3 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052360.D

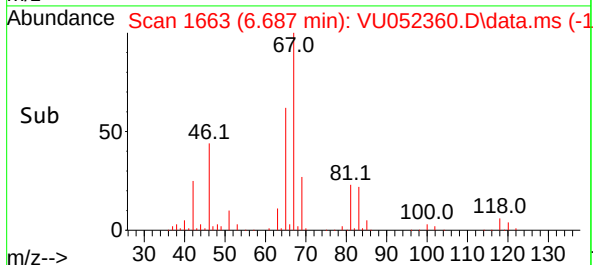
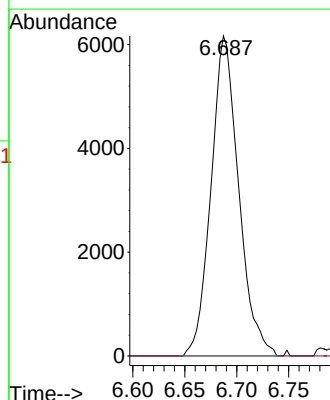
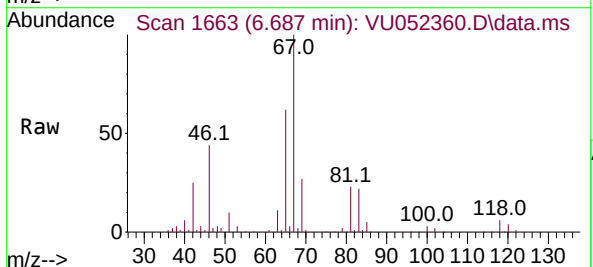
Acq: 12 Dec 2022 18:08

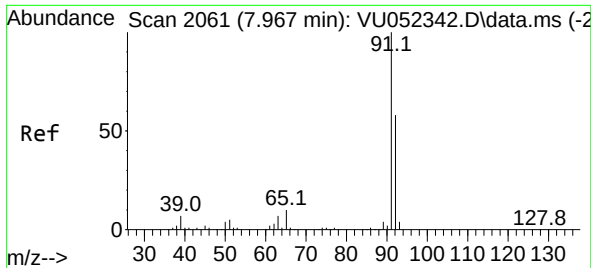
Tgt Ion: 63 Resp: 11403

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#42

Toluene

Concen: 0.239 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052360.D

Acq: 12 Dec 2022 18:08

Instrument :

MSVOA_U

ClientSampleId :

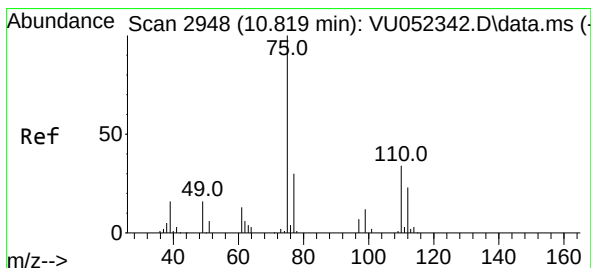
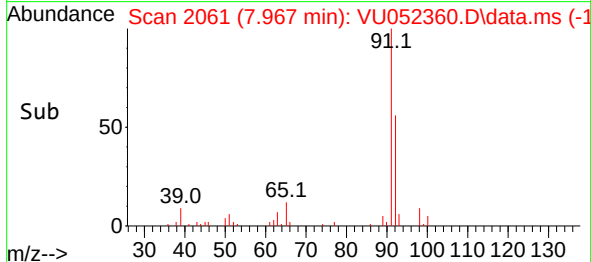
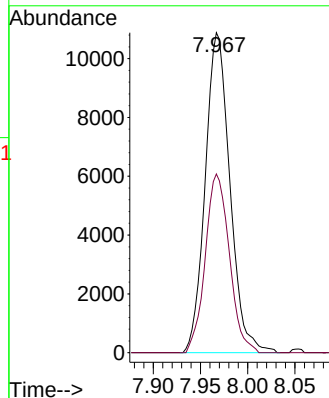
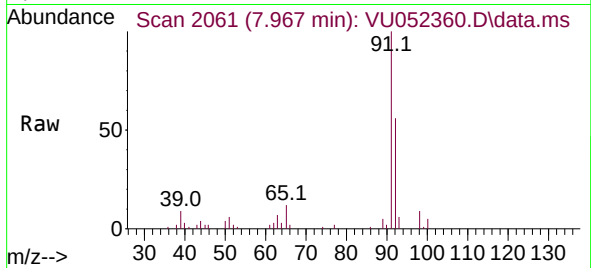
F5N34

Tgt Ion: 91 Resp: 19788

Ion Ratio Lower Upper

91 100

92 55.9 40.7 75.5



#61

1,2,3-Trichloropropane

Concen: 1.033 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU052360.D

Acq: 12 Dec 2022 18:08

Tgt Ion: 75 Resp: 13168

Ion Ratio Lower Upper

75 100

110 2.0 28.3 42.5#

77 28.3 26.2 39.2

