

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052375.D
 Acq On : 13 Dec 2022 14:26
 Operator : JC/MD
 Sample : N5961-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N38

Quant Time: Dec 14 03:19:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

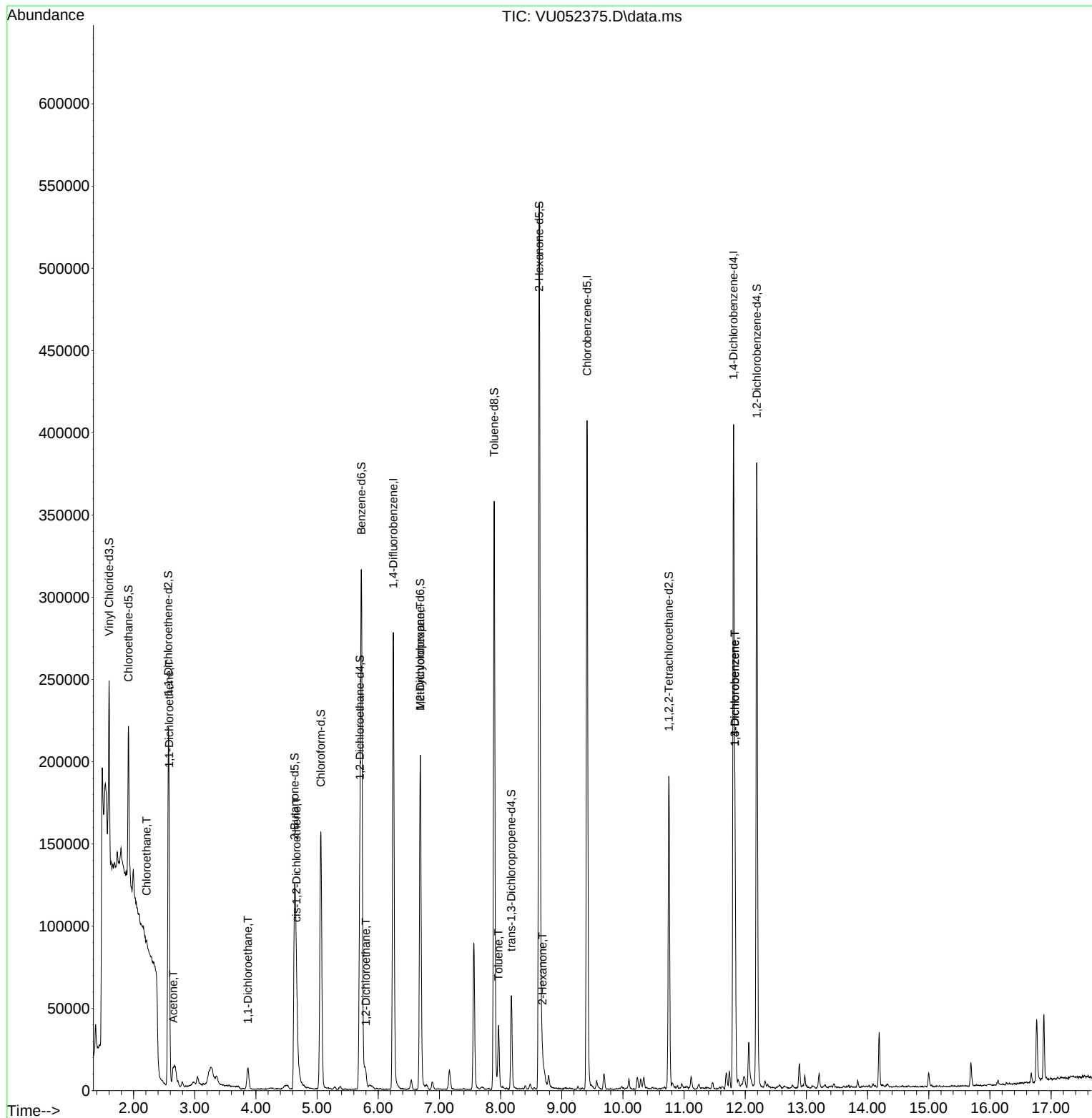
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229342	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	234479	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	109677	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81687	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.916	69	71428	4.122	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.568	65	33607	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.632	46	234200	57.918	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.840%
24) Chloroform-d	5.060	84	153845	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.700	65	80633	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.726	84	309045	4.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
36) 1,2-Dichloropropane-d6	6.687	67	105118	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	251083	3.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.176	79	32707	4.166	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.632	63	186821	56.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.300%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	98930	5.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	105894	5.043	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						Qvalue
8) Chloroethane	2.215	64	2141	0.138	ug/L #	53
12) 1,1-Dichloroethene	2.581	96	29360	1.765	ug/L #	63
13) Acetone	2.649	43	24593	8.956	ug/L	60
19) 1,1-Dichloroethane	3.870	63	16187	0.504	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	7540	0.403	ug/L	95
27) 1,2-Dichloroethane	5.796	62	6490	0.325	ug/L	95
35) Methylcyclohexane	6.687	83	23166	0.846	ug/L #	20
42) Toluene	7.967	91	28463	0.363	ug/L	96
48) 2-Hexanone	8.687	43	7313	0.967	ug/L #	37
64) 1,3-Dichlorobenzene	11.832	146	60771	1.728	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	60771	1.732	ug/L	99

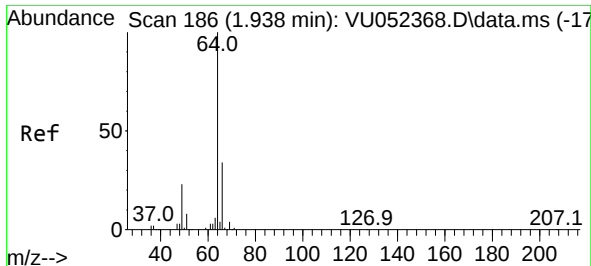
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
Data File : VU052375.D
Acq On : 13 Dec 2022 14:26
Operator : JC/MD
Sample : N5961-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F5N38

Quant Time: Dec 14 03:19:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 14 03:17:56 2022
Response via : Initial Calibration

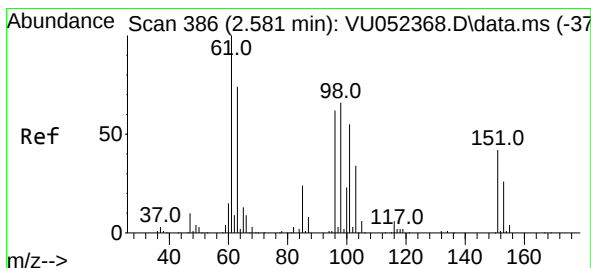
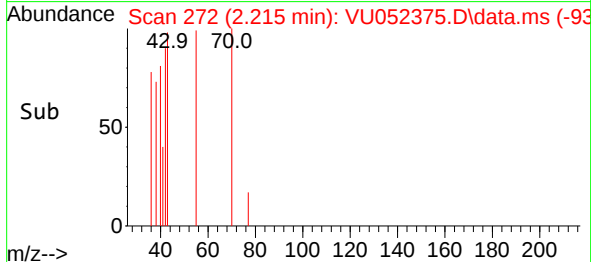
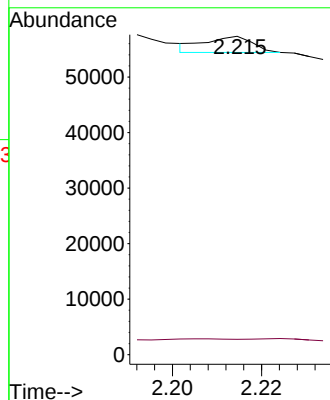
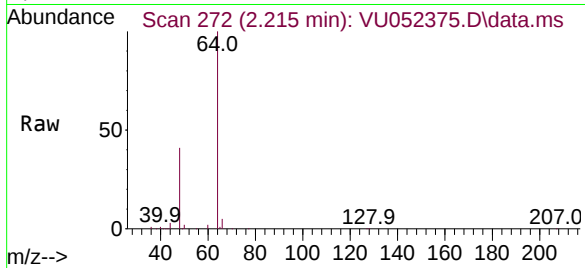




#8
Chloroethane
Concen: 0.138 ug/L
RT: 2.215 min Scan# 21
Delta R.T. 0.276 min
Lab File: VU052375.D
Acq: 13 Dec 2022 14:26

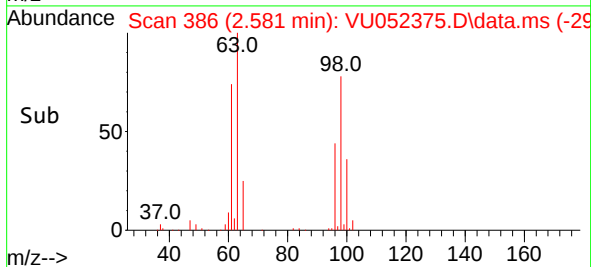
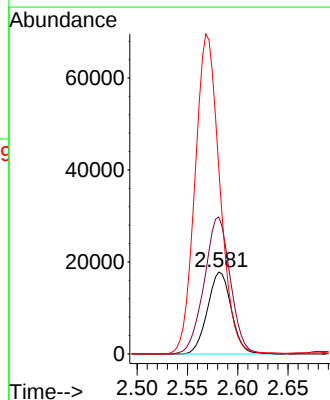
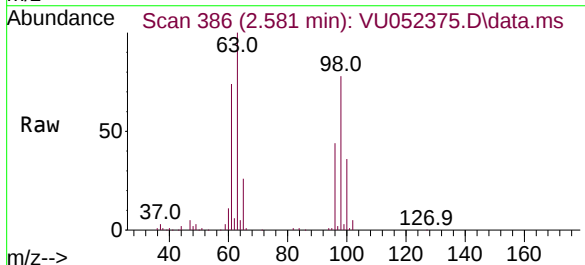
Instrument :
MSVOA_U
ClientSampleId :
F5N38

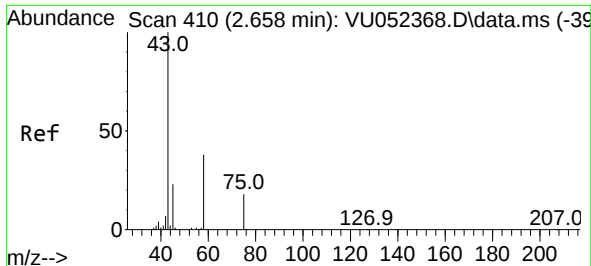
Tgt Ion: 64 Resp: 2141
Ion Ratio Lower Upper
64 100
66 4.8 21.1 39.1#



#12
1,1-Dichloroethene
Concen: 1.765 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU052375.D
Acq: 13 Dec 2022 14:26

Tgt Ion: 96 Resp: 29360
Ion Ratio Lower Upper
96 100
61 167.3 114.8 213.2
63 226.8 93.7 174.1#





#13

Acetone

Concen: 8.956 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.010 min

Lab File: VU052375.D

Acq: 13 Dec 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

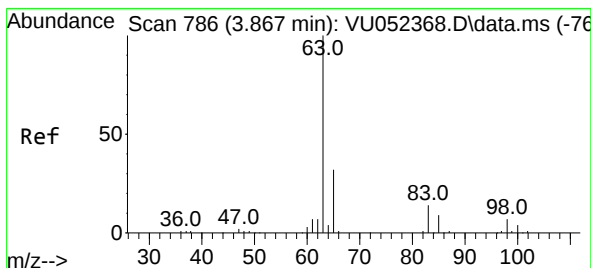
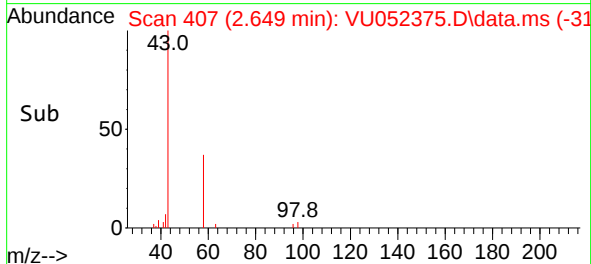
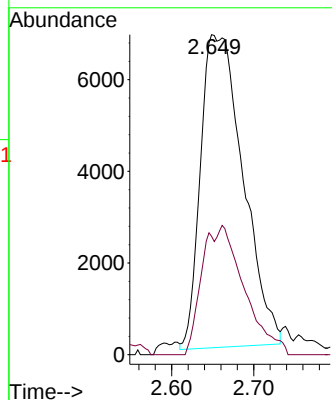
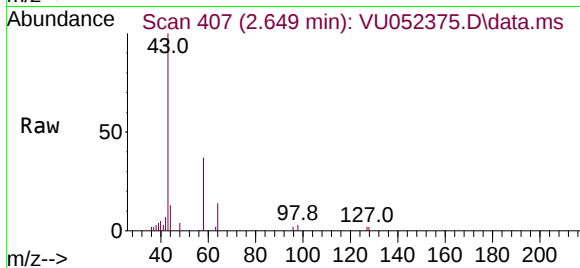
F5N38

Tgt Ion: 43 Resp: 24593

Ion Ratio Lower Upper

43 100

58 13.8 0.0 76.0



#19

1,1-Dichloroethane

Concen: 0.504 ug/L

RT: 3.870 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU052375.D

Acq: 13 Dec 2022 14:26

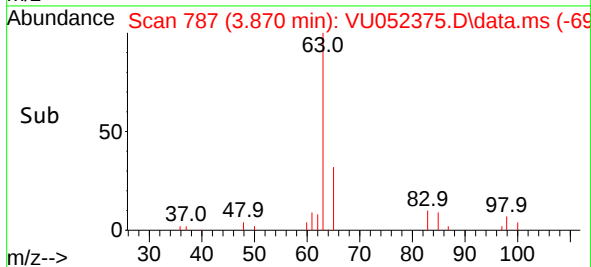
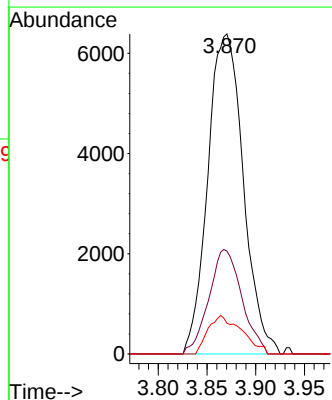
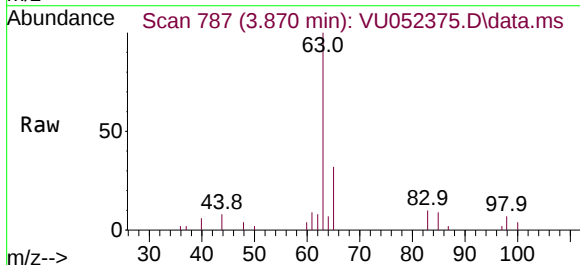
Tgt Ion: 63 Resp: 16187

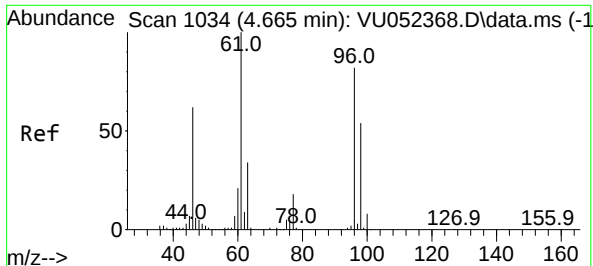
Ion Ratio Lower Upper

63 100

65 32.2 22.2 41.2

83 9.6 9.2 17.0

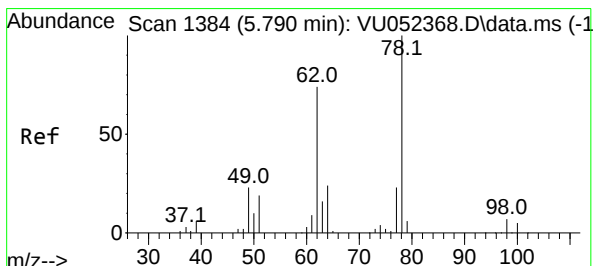
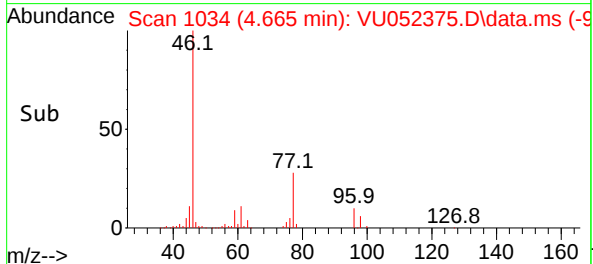
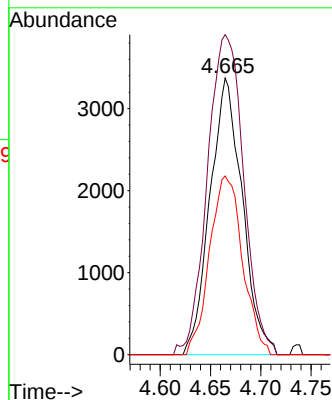
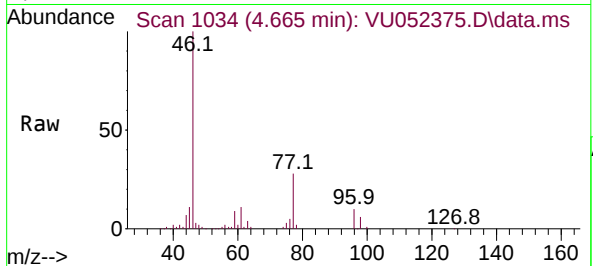




#22
 cis-1,2-Dichloroethene
 Concen: 0.403 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052375.D
 Acq: 13 Dec 2022 14:26

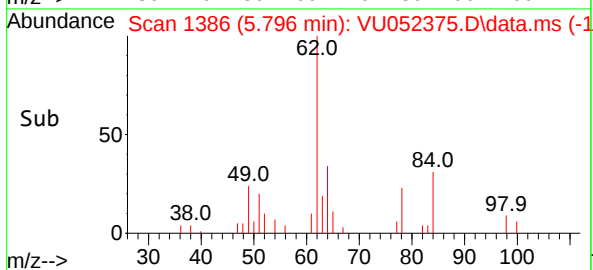
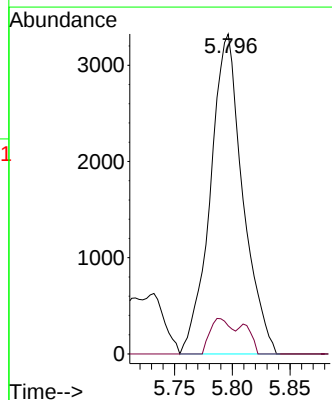
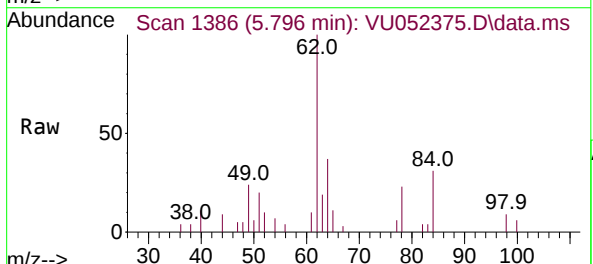
Instrument :
 MSVOA_U
 ClientSampleId :
 F5N38

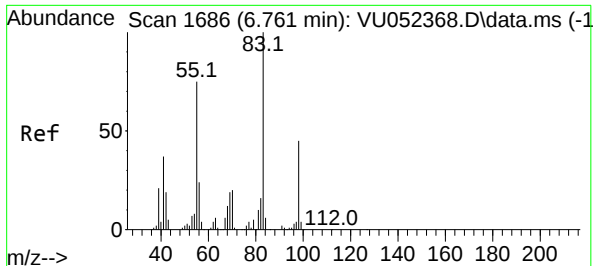
Tgt Ion: 96 Resp: 7540
 Ion Ratio Lower Upper
 96 100
 61 115.7 85.1 158.1
 98 64.6 42.8 79.6



#27
 1,2-Dichloroethane
 Concen: 0.325 ug/L
 RT: 5.796 min Scan# 1386
 Delta R.T. 0.006 min
 Lab File: VU052375.D
 Acq: 13 Dec 2022 14:26

Tgt Ion: 62 Resp: 6490
 Ion Ratio Lower Upper
 62 100
 98 8.8 8.4 12.6

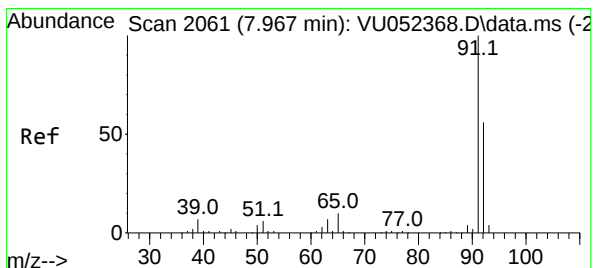
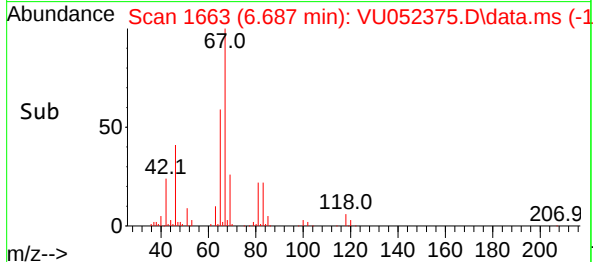
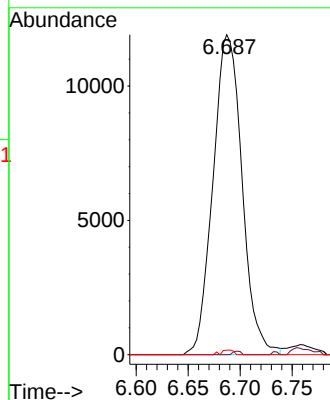
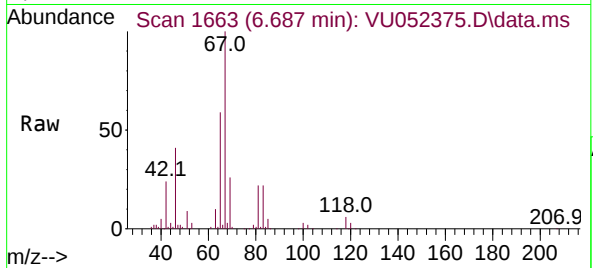




#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU052375.D
Acq: 13 Dec 2022 14:26

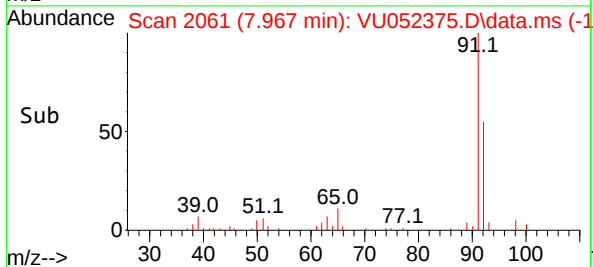
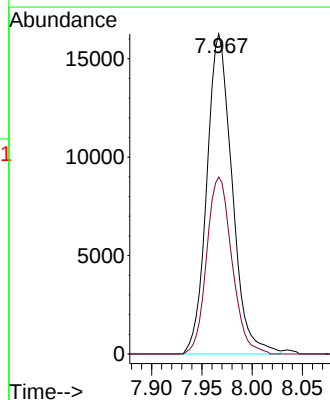
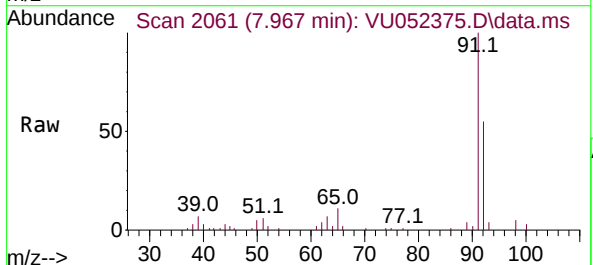
Instrument :
MSVOA_U
ClientSampleId :
F5N38

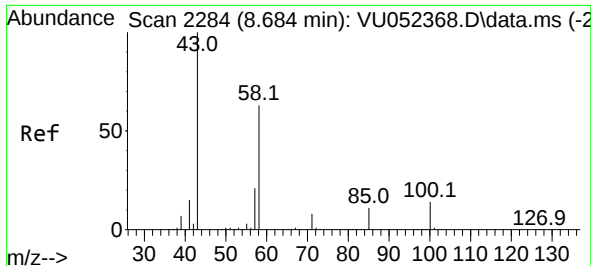
Tgt Ion: 83 Resp: 23166
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 0.6 35.1 52.7#



#42
Toluene
Concen: 0.363 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052375.D
Acq: 13 Dec 2022 14:26

Tgt Ion: 91 Resp: 28463
Ion Ratio Lower Upper
91 100
92 55.3 40.7 75.5

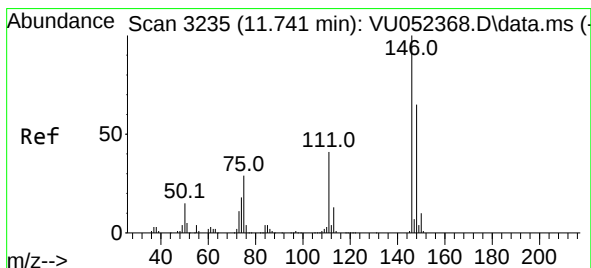
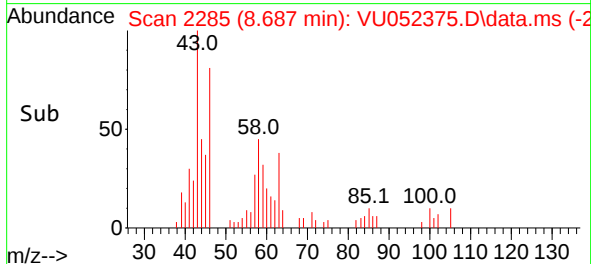
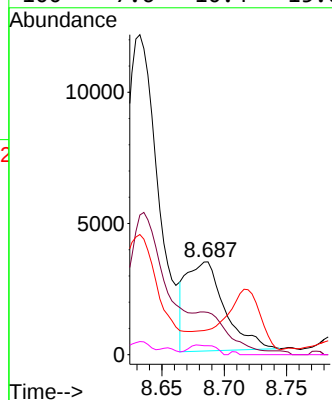
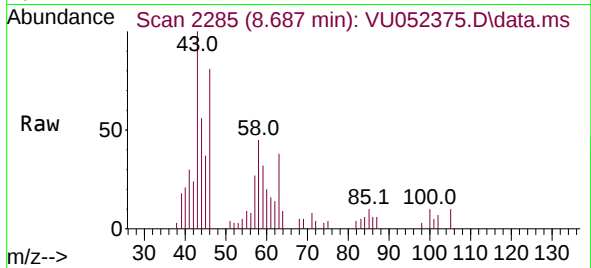




#48
2-Hexanone
Concen: 0.967 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052375.D
Acq: 13 Dec 2022 14:26

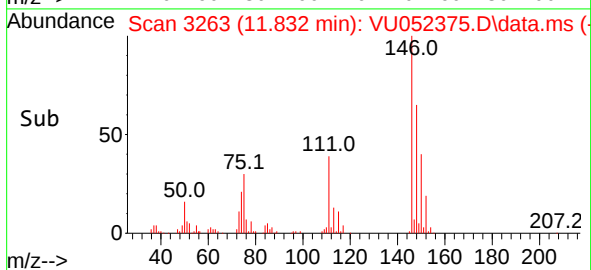
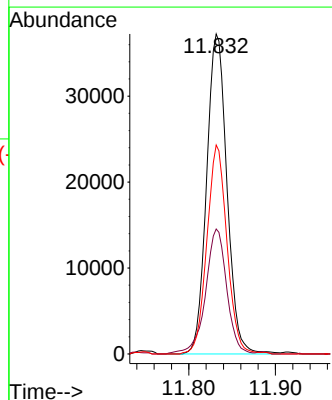
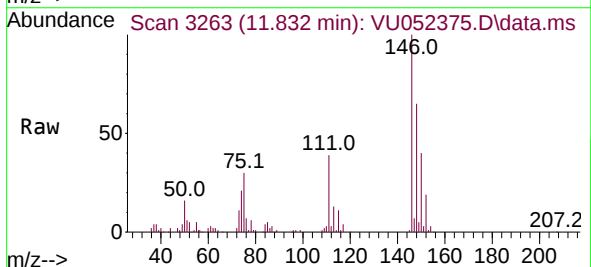
Instrument :
MSVOA_U
ClientSampleId :
F5N38

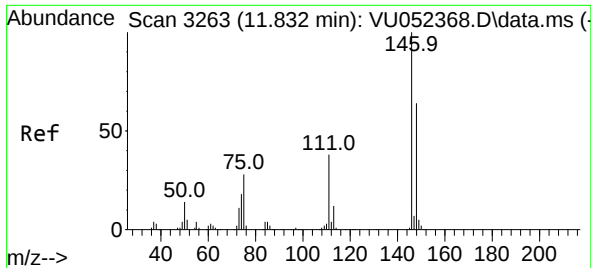
Tgt Ion: 43	Resp: 7313
Ion Ratio	Lower Upper
43 100	
58 0.0	49.4 74.0#
57 0.0	16.3 24.5#
100 7.6	10.4 15.6#



#64
1,3-Dichlorobenzene
Concen: 1.728 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.090 min
Lab File: VU052375.D
Acq: 13 Dec 2022 14:26

Tgt Ion:146	Resp:	60771	
Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.6	53.2
148	65.3	45.4	84.2





#65

1,4-Dichlorobenzene

Concen: 1.732 ug/L

RT: 11.832 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052375.D

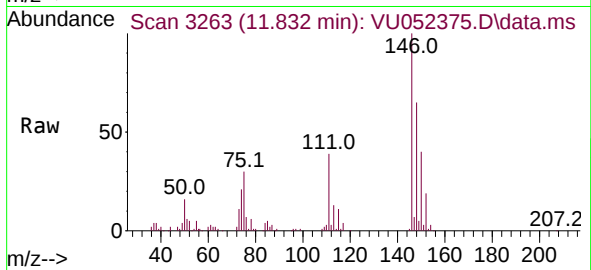
Acq: 13 Dec 2022 14:26

Instrument :

MSVOA_U

ClientSampleId :

F5N38



Tgt Ion:146 Resp: 60771

Ion Ratio Lower Upper

146 100

111 39.1 26.9 50.1

148 65.3 45.1 83.7

