

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052358.D
 Acq On : 12 Dec 2022 17:21
 Operator : JC/MD
 Sample : N5961-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N10

Quant Time: Dec 13 01:05:37 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)

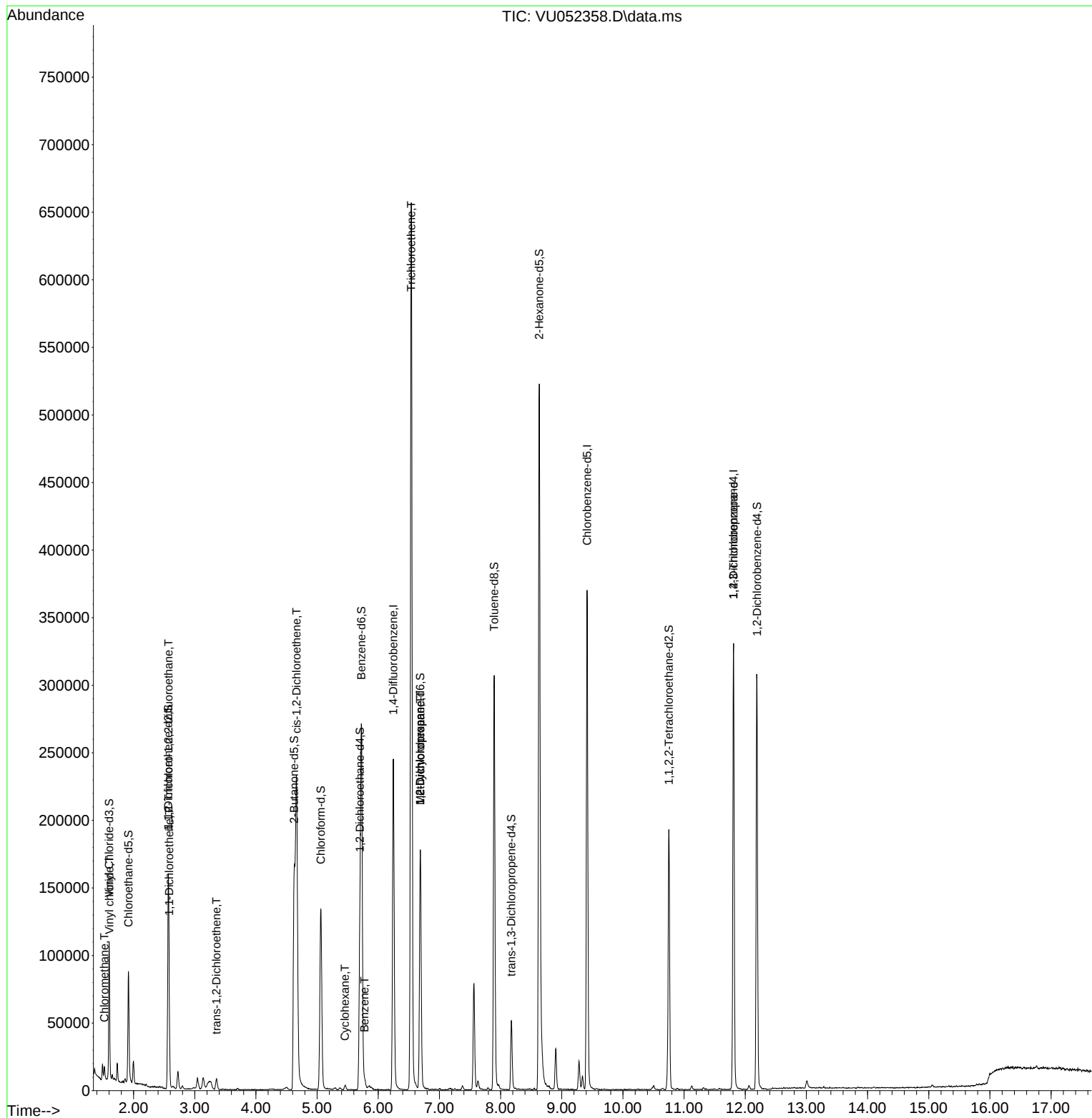
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	203880	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	214268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	66032	3.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.916	69	62413	4.052	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.568	65	28949	4.072	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.626	46	253092	70.407	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.820%#
24) Chloroform-d	5.060	84	130821	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.700	65	76234	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.726	84	264203	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.687	67	91671	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	216227	3.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	8.176	79	30297	4.223	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.632	63	181382	59.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.320%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96656	5.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	85173	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	6067	0.263	ug/L	98
5) Vinyl chloride	1.607	62	1939	0.087	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	874	0.059	ug/L #	20
12) 1,1-Dichloroethene	2.581	96	5423	0.367	ug/L #	1
18) trans-1,2-Dichloroethene	3.356	96	3397	0.214	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	109792	6.599	ug/L	99
30) Cyclohexane	5.456	56	3162	0.137	ug/L #	14
33) Benzene	5.774	78	5858	0.084	ug/L	100
34) Trichloroethene	6.539	95	234293	13.471	ug/L	98
35) Methylcyclohexane	6.687	83	20497	0.819	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	9440	0.523	ug/L #	91
61) 1,2,3-Trichloropropane	11.809	75	10278	0.955	ug/L #	68

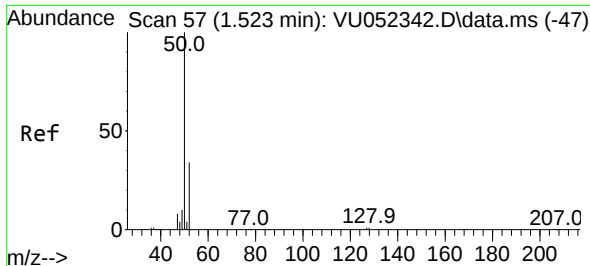
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

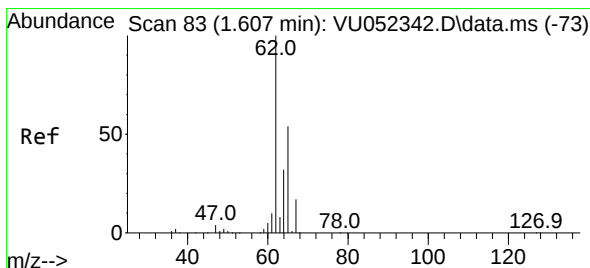
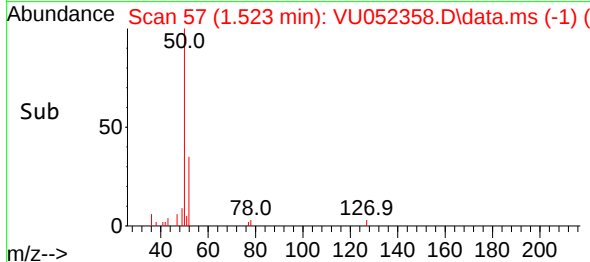
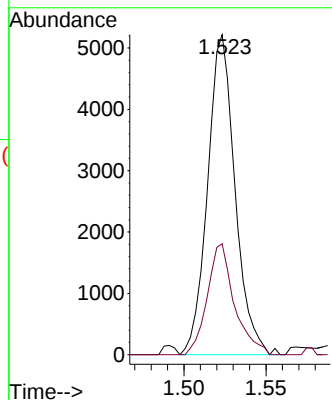
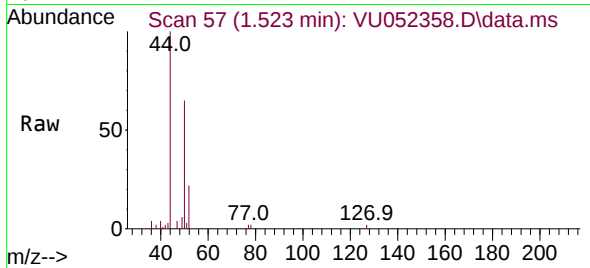




#3
Chloromethane
Concen: 0.263 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

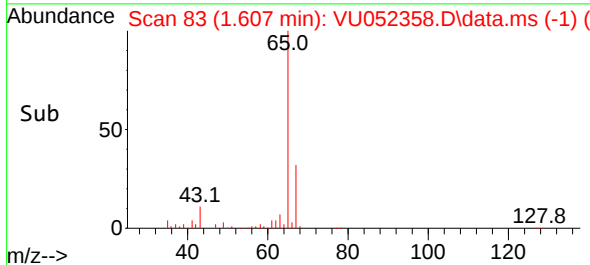
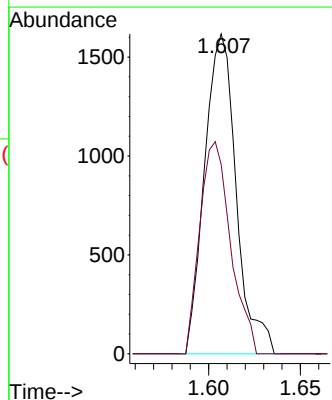
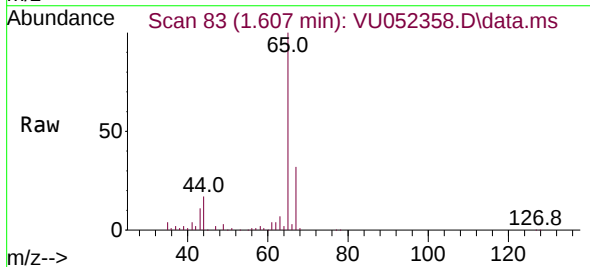
Instrument :
MSVOA_U
ClientSampleId :
F5N10

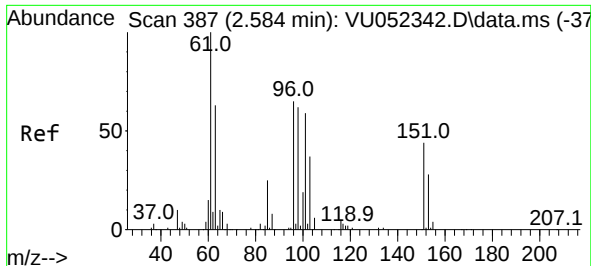
Tgt Ion: 50 Resp: 6067
Ion Ratio Lower Upper
50 100
52 34.7 23.4 43.4



#5
Vinyl chloride
Concen: 0.087 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

Tgt Ion: 62 Resp: 1939
Ion Ratio Lower Upper
62 100
64 59.2 23.5 43.7#

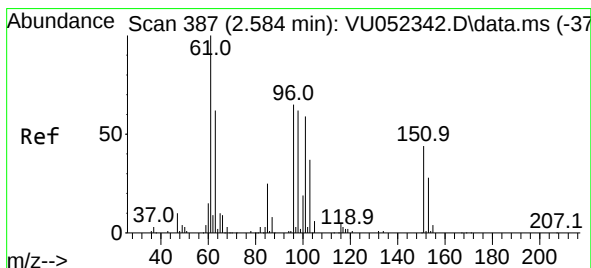
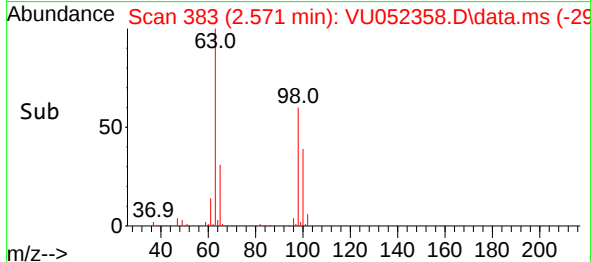
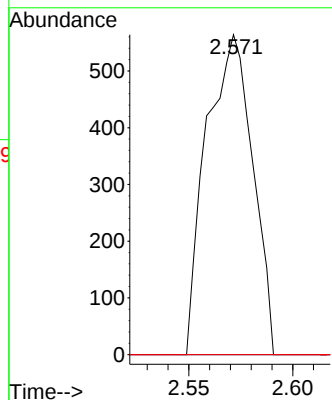
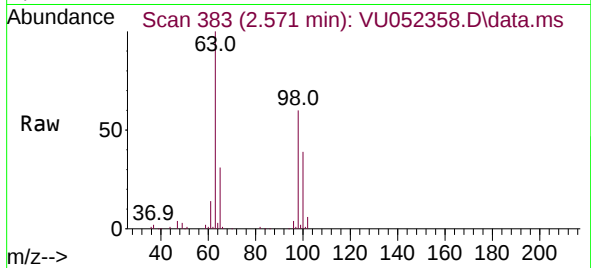




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.059 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU052358.D
 Acq: 12 Dec 2022 17:21

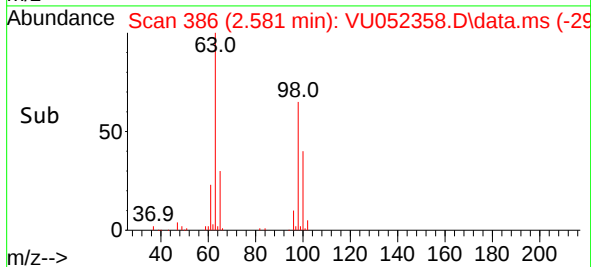
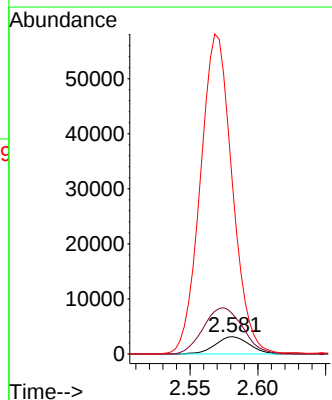
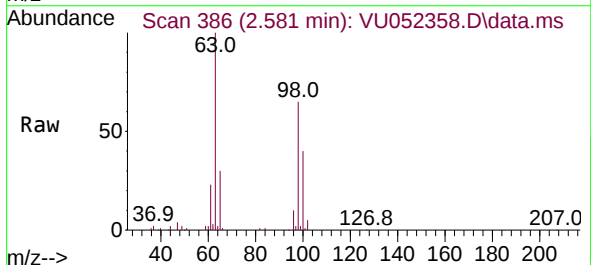
Instrument :
 MSVOA_U
 ClientSampleId :
 F5N10

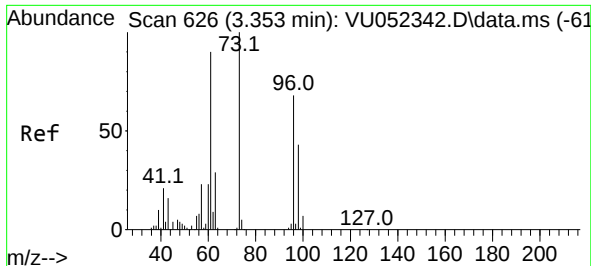
Tgt Ion: 101 Resp: 874
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 58.6 88.0#



#12
 1,1-Dichloroethene
 Concen: 0.367 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU052358.D
 Acq: 12 Dec 2022 17:21

Tgt Ion: 96 Resp: 5423
 Ion Ratio Lower Upper
 96 100
 61 233.3 114.8 213.2#
 63 1002.2 93.7 174.1#

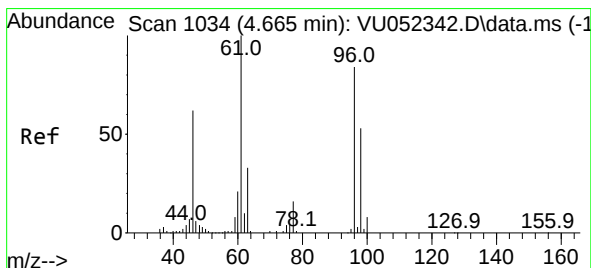
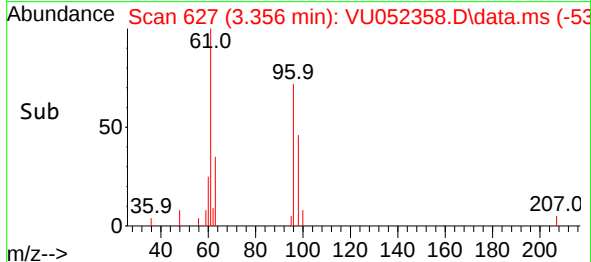
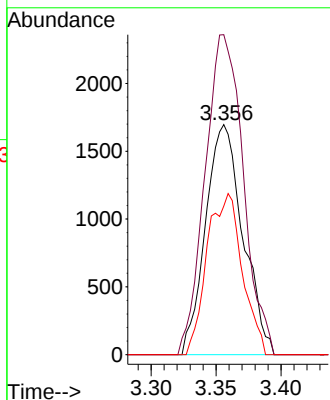
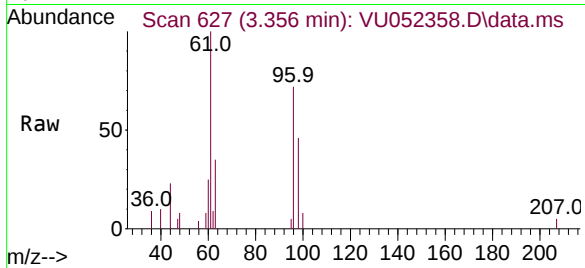




#18
trans-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

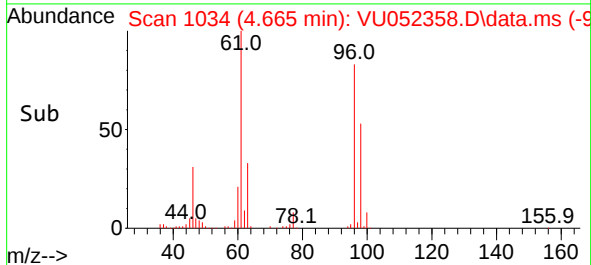
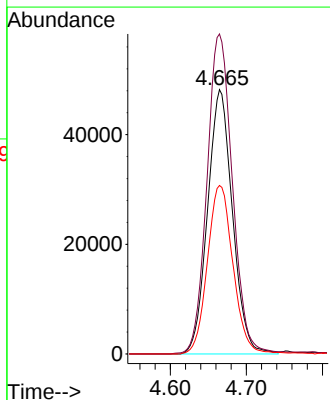
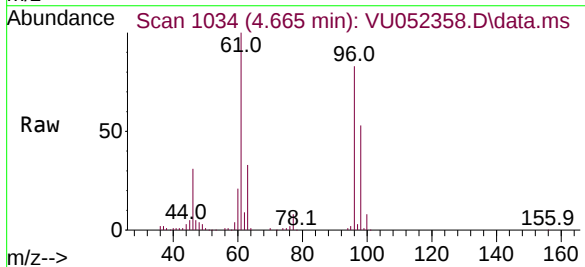
Instrument :
MSVOA_U
ClientSampleId :
F5N10

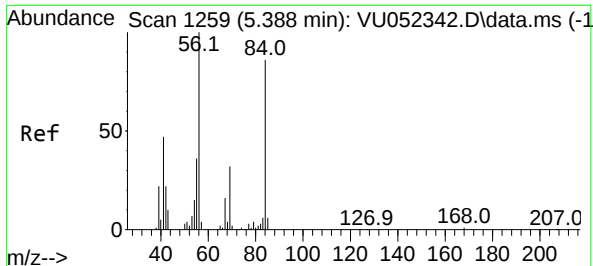
Tgt Ion: 96 Resp: 3397
Ion Ratio Lower Upper
96 100
61 139.1 97.9 181.7
98 64.6 43.8 81.3



#22
cis-1,2-Dichloroethene
Concen: 6.599 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

Tgt Ion: 96 Resp: 109792
Ion Ratio Lower Upper
96 100
61 121.1 85.1 158.1
98 63.7 42.8 79.6





#30

Cyclohexane

Concen: 0.137 ug/L

RT: 5.456 min Scan# 11

Delta R.T. 0.067 min

Lab File: VU052358.D

Acq: 12 Dec 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

F5N10

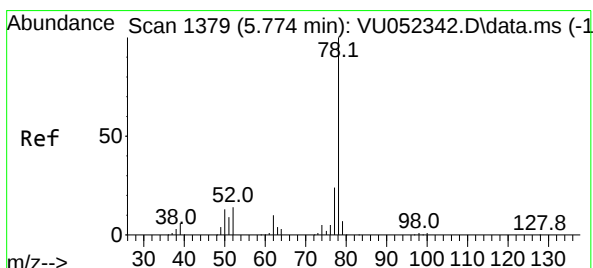
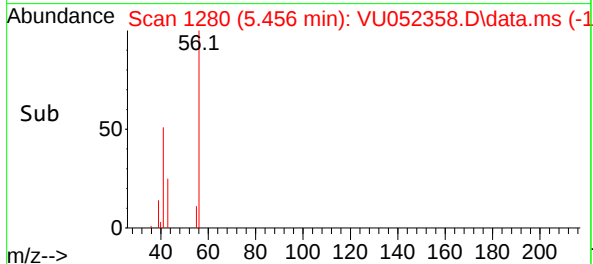
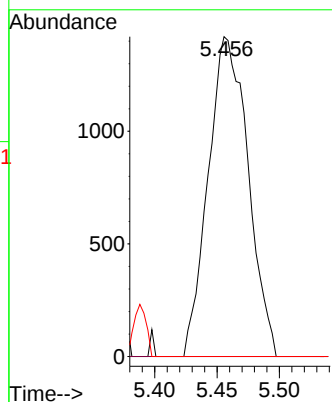
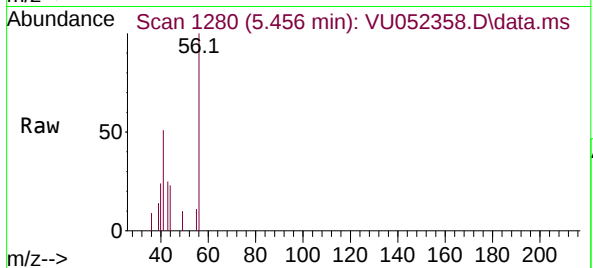
Tgt Ion: 56 Resp: 3162

Ion Ratio Lower Upper

56 100

69 0.0 25.6 38.4#

84 0.0 72.0 108.0#



#33

Benzene

Concen: 0.084 ug/L

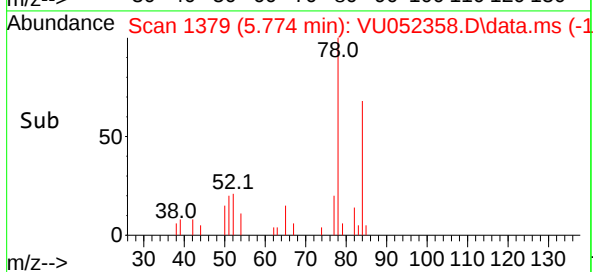
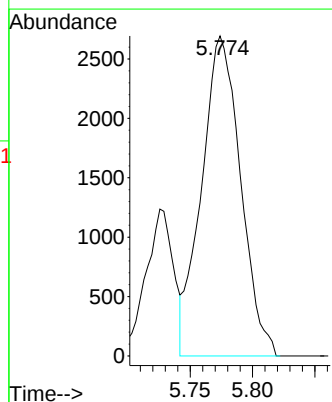
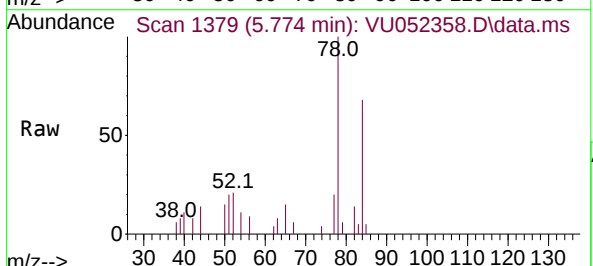
RT: 5.774 min Scan# 1379

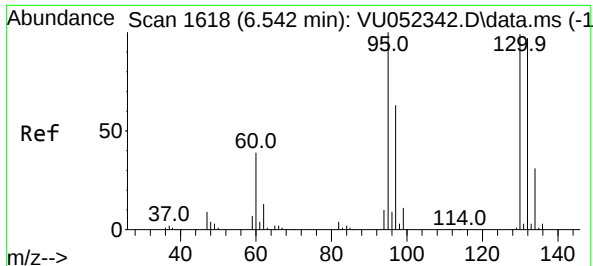
Delta R.T. -0.000 min

Lab File: VU052358.D

Acq: 12 Dec 2022 17:21

Tgt Ion: 78 Resp: 5858

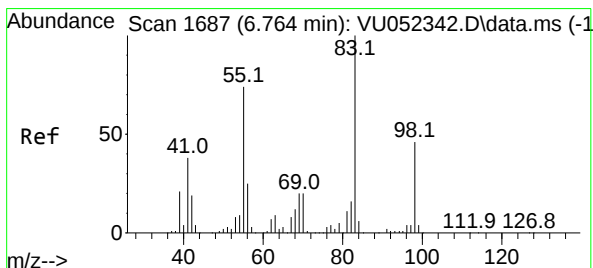
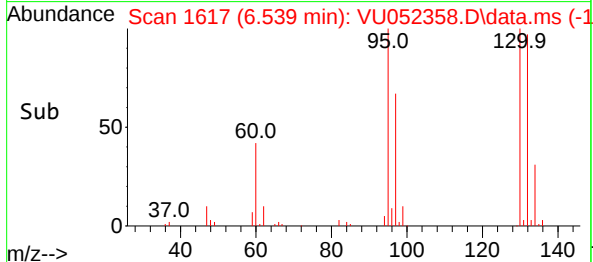
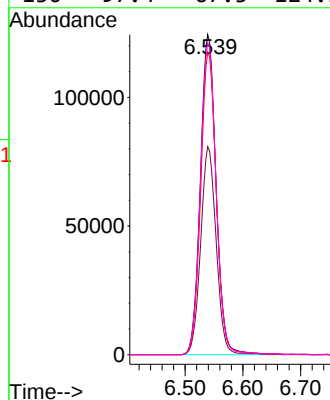
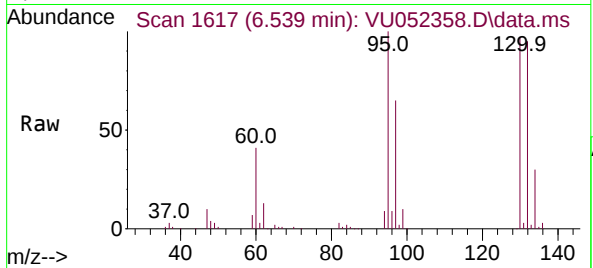




#34
Trichloroethene
Concen: 13.471 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

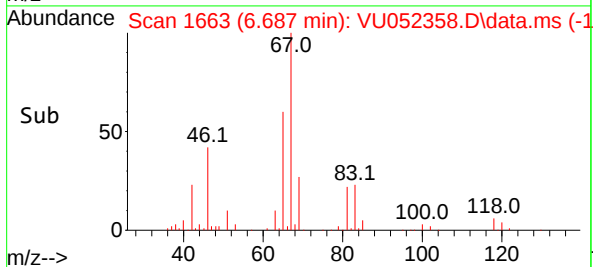
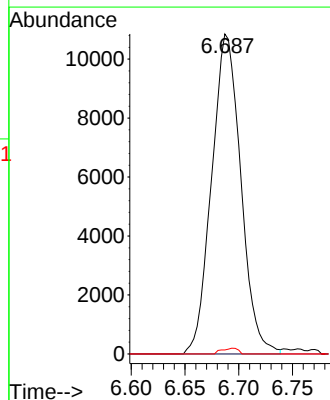
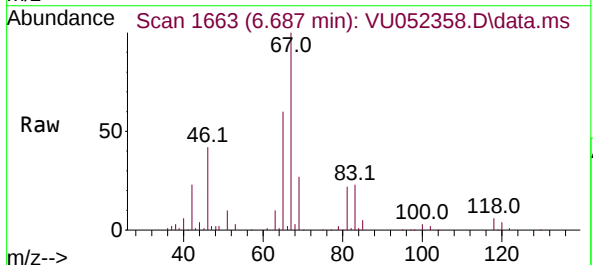
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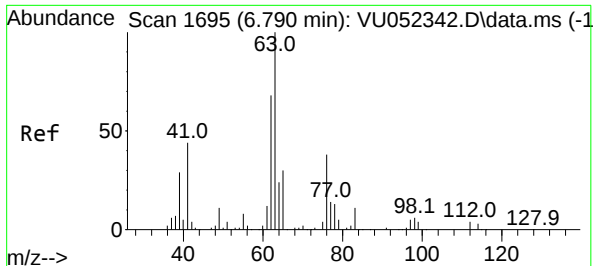
Tgt Ion: 95 Resp: 234293
Ion Ratio Lower Upper
95 100
97 65.0 43.7 81.1
132 94.6 64.3 119.3
130 97.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.819 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.077 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

Tgt Ion: 83 Resp: 20497
Ion Ratio Lower Upper
83 100
55 0.2 60.8 91.2#
98 1.0 35.1 52.7#

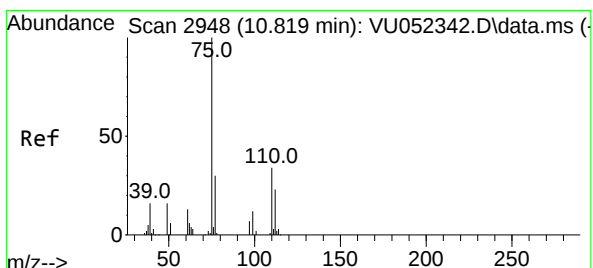
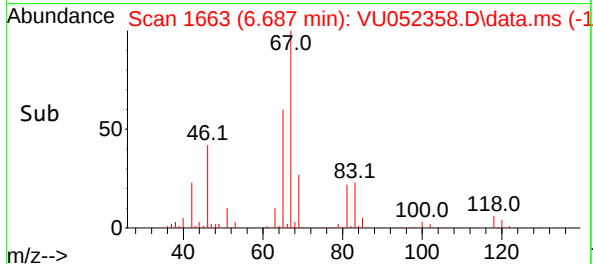
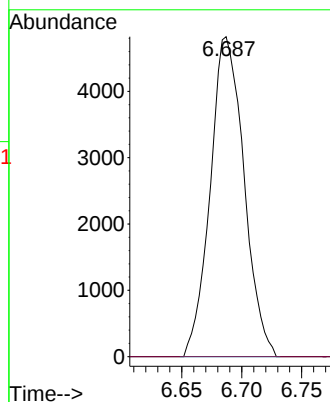
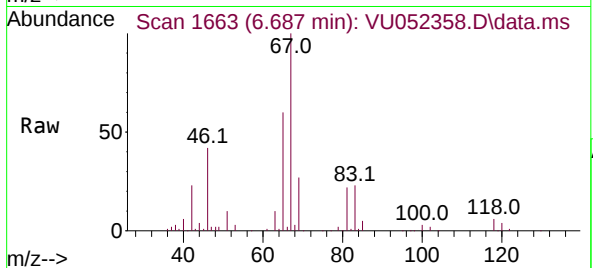




#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

Instrument :
MSVOA_U
ClientSampleId :
F5N10

Tgt Ion: 63 Resp: 9440
Ion Ratio Lower Upper
63 100
112 1.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 0.955 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052358.D
Acq: 12 Dec 2022 17:21

Tgt Ion: 75 Resp: 10278
Ion Ratio Lower Upper
75 100
110 1.4 28.3 42.5#
77 30.1 26.2 39.2

