

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052365.D
 Acq On : 12 Dec 2022 20:04
 Operator : JC/MD
 Sample : N5961-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N36

Quant Time: Dec 13 01:07:08 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)

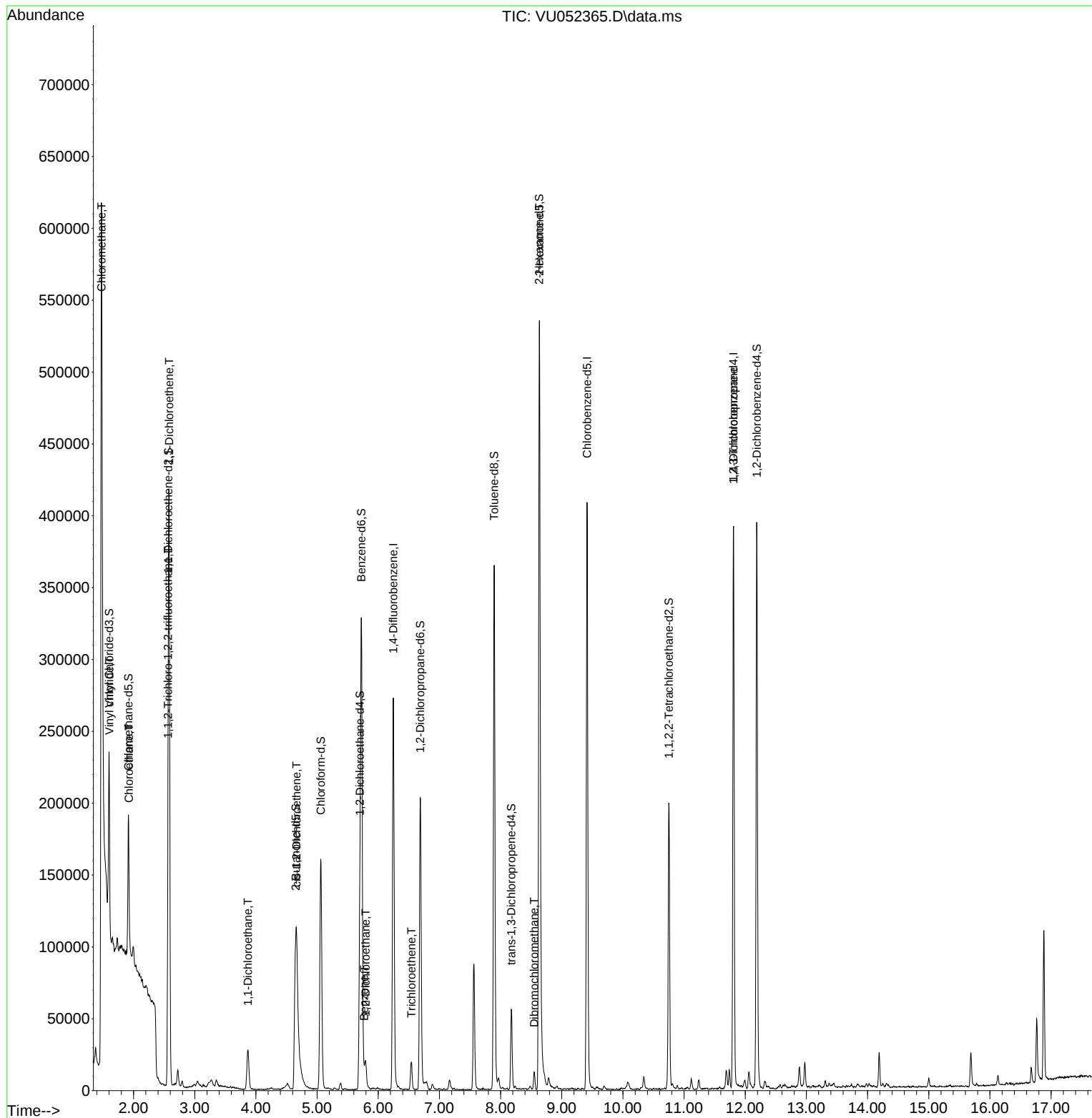
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	236143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86643	3.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.916	69	72595	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.568	65	35409	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.652	46	233886	58.236	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.060	84	157213	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.700	65	82979	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	319897	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.687	67	105824	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	253891	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.176	79	33610	4.251	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.632	63	196195	58.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102562	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	107229	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.475	50	16282	0.632	ug/L #	41
5) Vinyl chloride	1.604	62	5459	0.220	ug/L #	1
8) Chloroethane	1.922	64	2404	0.156	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1415	0.085	ug/L #	23
12) 1,1-Dichloroethene	2.581	96	110334	6.677	ug/L	86
19) 1,1-Dichloroethane	3.867	63	33382	1.046	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	16128	0.868	ug/L	95
27) 1,2-Dichloroethane	5.793	62	13659	0.689	ug/L	96
33) Benzene	5.771	78	7906	0.103	ug/L	100
34) Trichloroethene	6.542	95	6831	0.356	ug/L	91
48) 2-Hexanone	8.636	43	29353	3.852	ug/L #	69
49) Dibromochloromethane	8.549	129	2938	0.175	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	13090	1.038	ug/L #	69

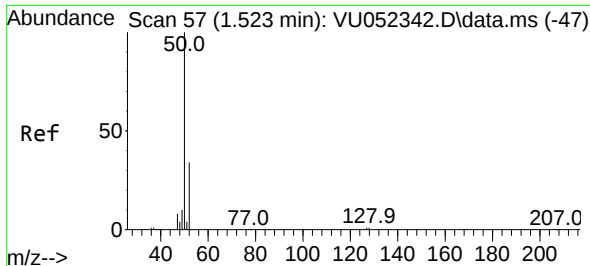
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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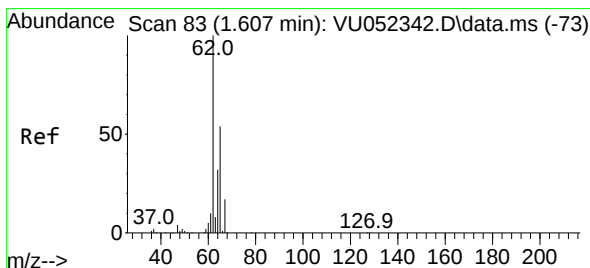
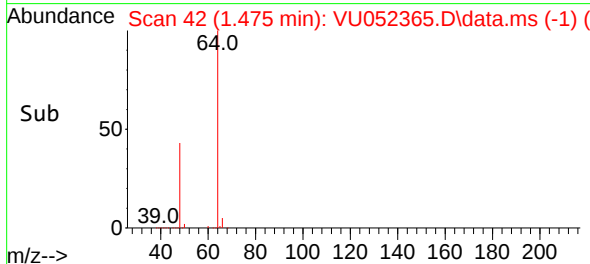
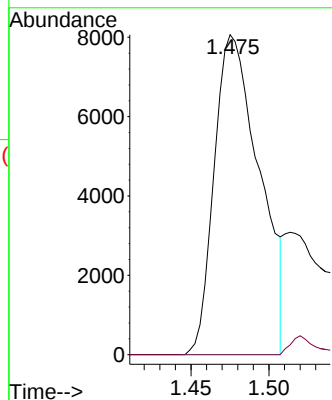
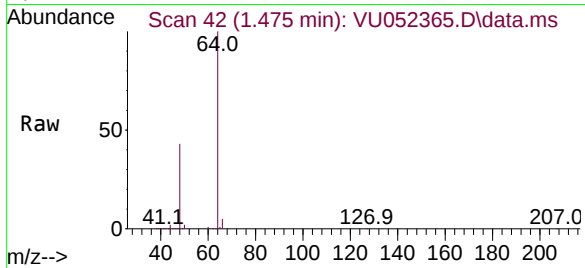




#3
Chloromethane
Concen: 0.632 ug/L
RT: 1.475 min Scan# 41
Delta R.T. -0.048 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

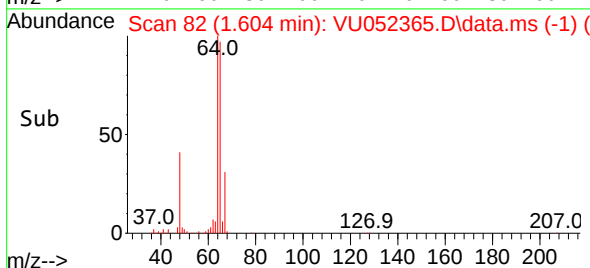
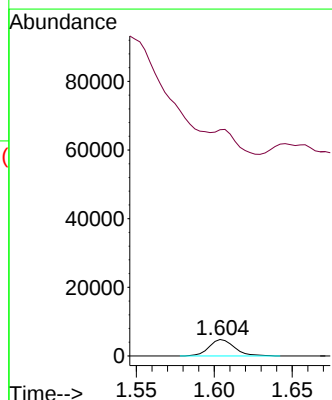
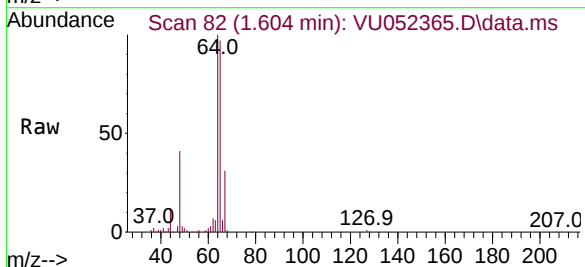
Instrument :
MSVOA_U
ClientSampleId :
F5N36

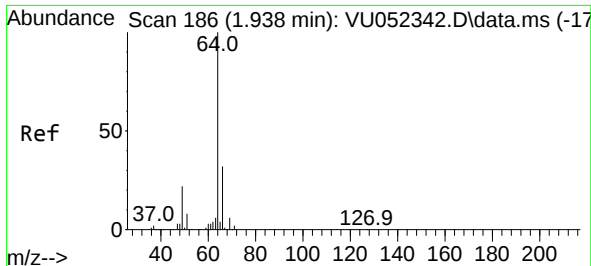
Tgt Ion: 50 Resp: 16282
Ion Ratio Lower Upper
50 100
52 0.0 23.4 43.4#



#5
Vinyl chloride
Concen: 0.220 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

Tgt Ion: 62 Resp: 5459
Ion Ratio Lower Upper
62 100
64 1367.5 23.5 43.7#

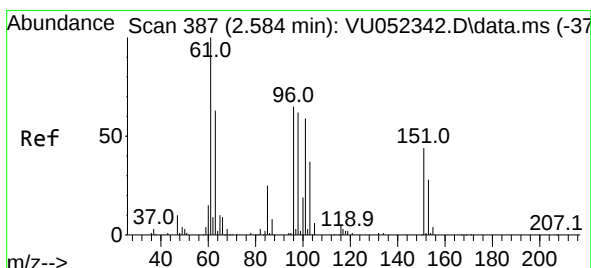
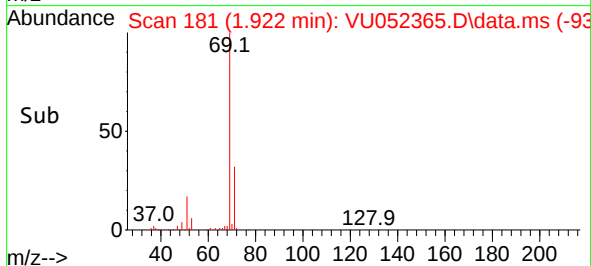
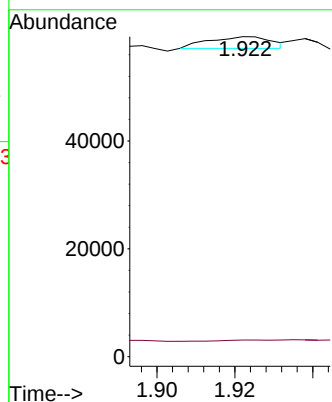
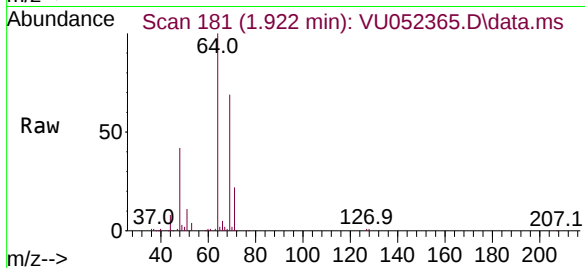




#8
Chloroethane
Concen: 0.156 ug/L
RT: 1.922 min Scan# 11
Delta R.T. -0.016 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

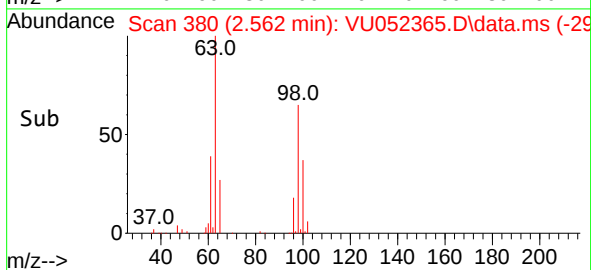
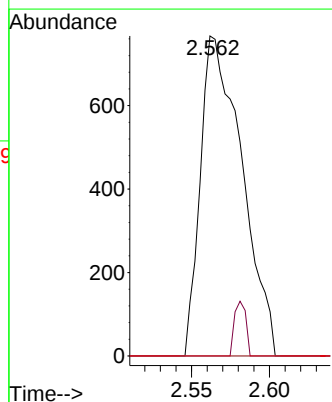
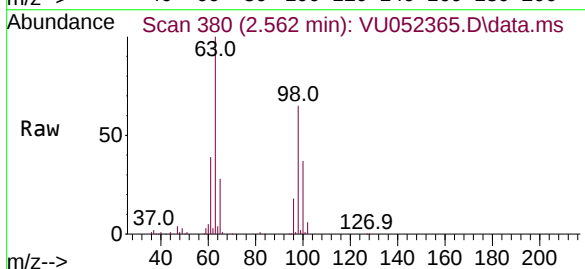
Instrument :
MSVOA_U
ClientSampleId :
F5N36

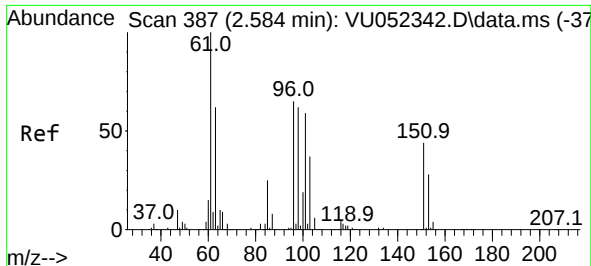
Tgt Ion: 64 Resp: 2404
Ion Ratio Lower Upper
64 100
66 5.2 21.1 39.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.085 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.023 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

Tgt Ion: 101 Resp: 1415
Ion Ratio Lower Upper
101 100
85 4.7 33.8 50.6#
151 0.0 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 6.677 ug/L

RT: 2.581 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU052365.D

Acq: 12 Dec 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

F5N36

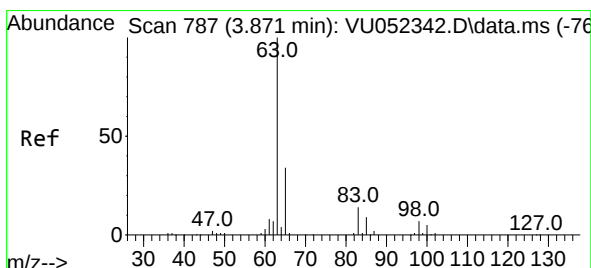
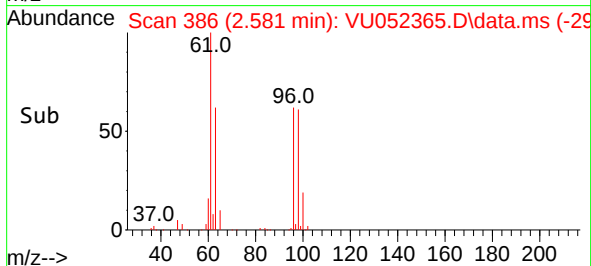
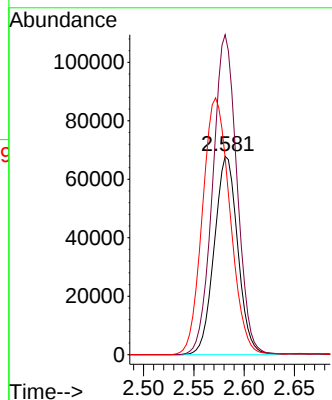
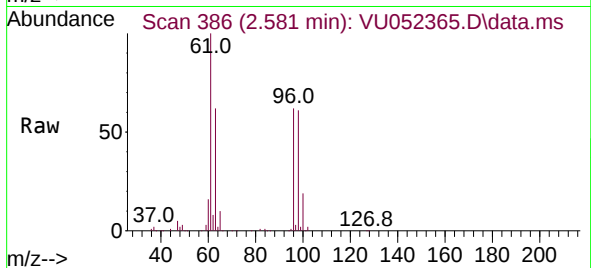
Tgt Ion: 96 Resp: 110334

Ion Ratio Lower Upper

96 100

61 161.2 114.8 213.2

63 99.2 93.7 174.1



#19

1,1-Dichloroethane

Concen: 1.046 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU052365.D

Acq: 12 Dec 2022 20:04

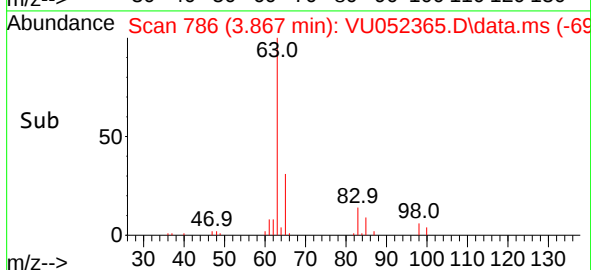
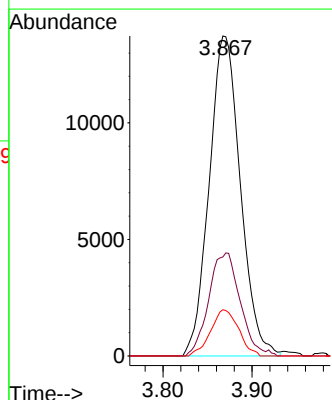
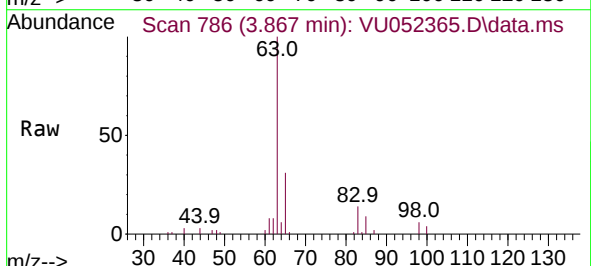
Tgt Ion: 63 Resp: 33382

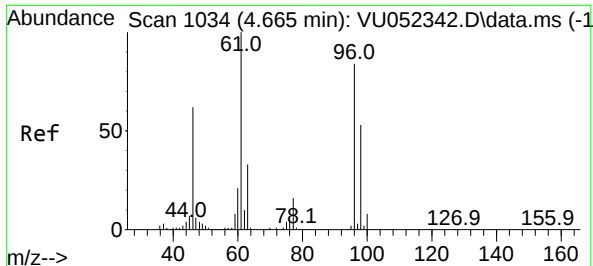
Ion Ratio Lower Upper

63 100

65 31.0 22.2 41.2

83 14.5 9.2 17.0

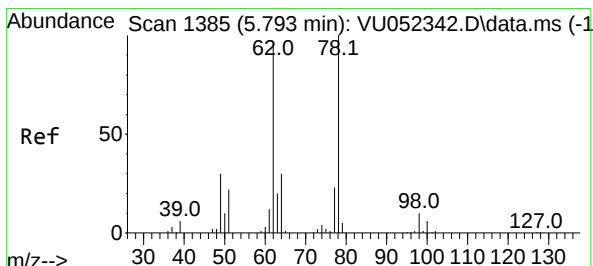
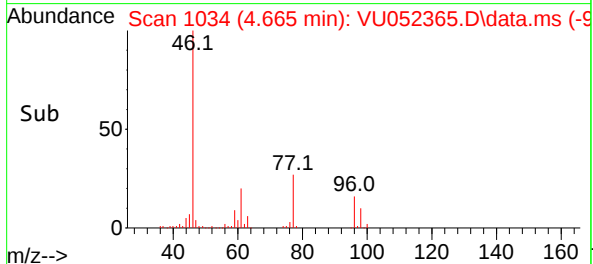
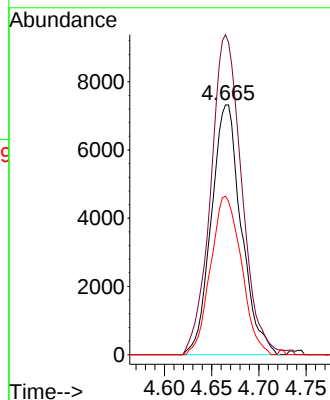
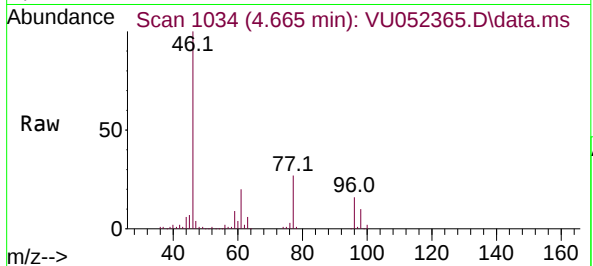




#22
 cis-1,2-Dichloroethene
 Concen: 0.868 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052365.D
 Acq: 12 Dec 2022 20:04

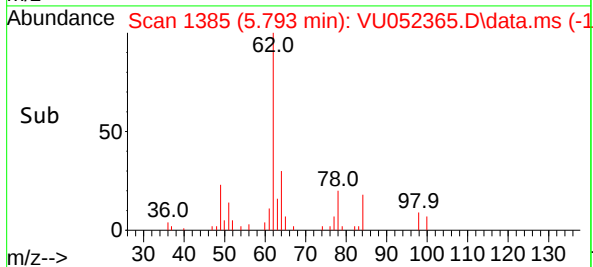
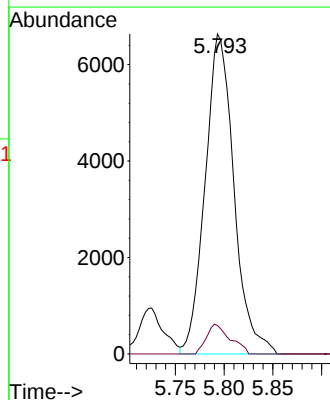
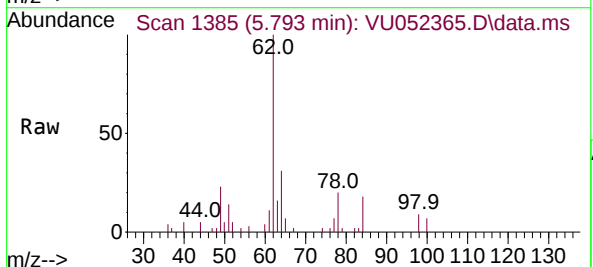
Instrument :
 MSVOA_U
 ClientSampleId :
 F5N36

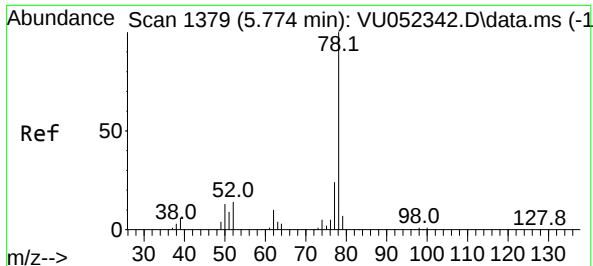
Tgt Ion: 96 Resp: 16128
 Ion Ratio Lower Upper
 96 100
 61 128.1 85.1 158.1
 98 63.4 42.8 79.6



#27
 1,2-Dichloroethane
 Concen: 0.689 ug/L
 RT: 5.793 min Scan# 1385
 Delta R.T. -0.000 min
 Lab File: VU052365.D
 Acq: 12 Dec 2022 20:04

Tgt Ion: 62 Resp: 13659
 Ion Ratio Lower Upper
 62 100
 98 8.9 8.4 12.6





#33

Benzene

Concen: 0.103 ug/L

RT: 5.771 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU052365.D

Acq: 12 Dec 2022 20:04

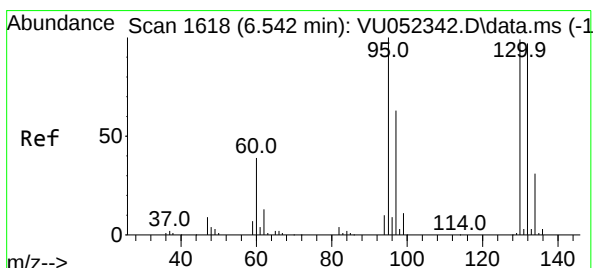
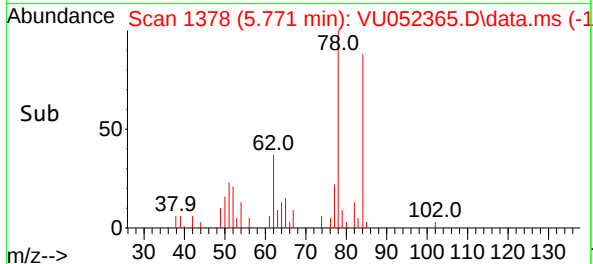
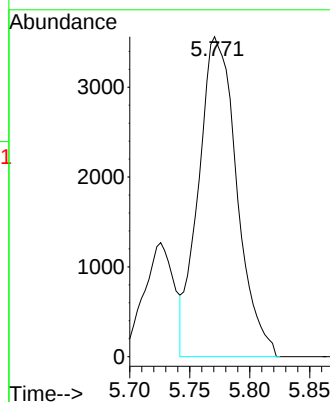
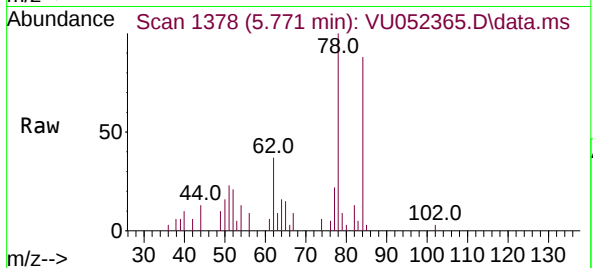
Instrument :

MSVOA_U

ClientSampleId :

F5N36

Tgt Ion: 78 Resp: 7906



#34

Trichloroethene

Concen: 0.356 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU052365.D

Acq: 12 Dec 2022 20:04

Tgt Ion: 95 Resp: 6831

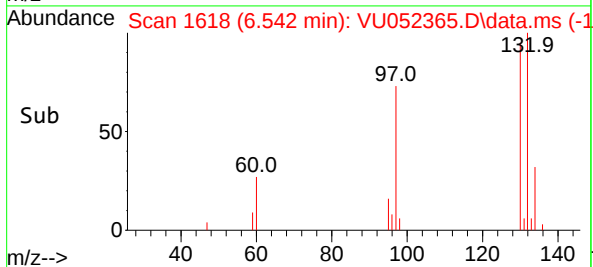
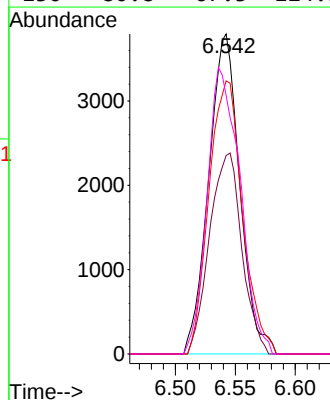
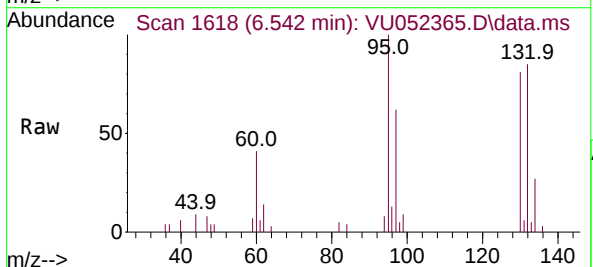
Ion Ratio Lower Upper

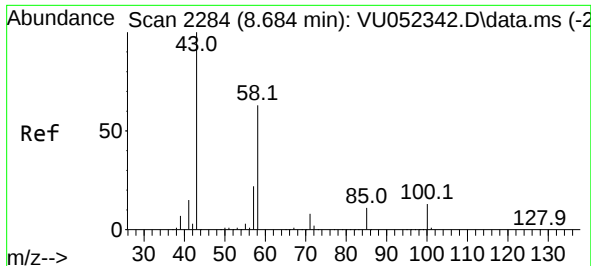
95 100

97 62.0 43.7 81.1

132 85.3 64.3 119.3

130 80.8 67.3 124.9





#48

2-Hexanone

Concen: 3.852 ug/L

RT: 8.636 min Scan# 21

Delta R.T. -0.048 min

Lab File: VU052365.D

Acq: 12 Dec 2022 20:04

Instrument :

MSVOA_U

ClientSampleId :

F5N36

Tgt Ion: 43 Resp: 29353

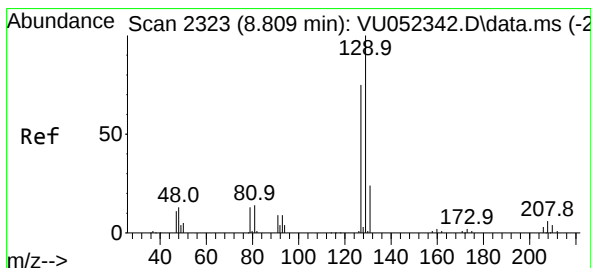
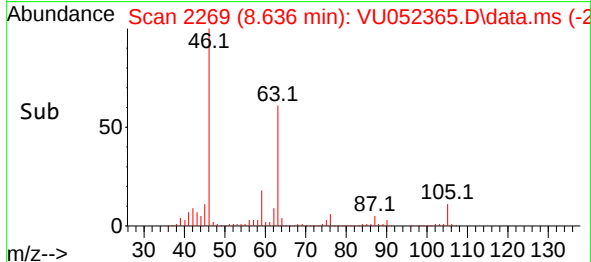
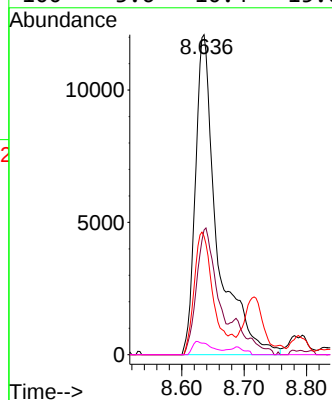
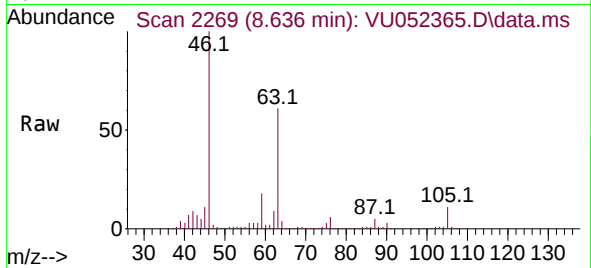
Ion Ratio Lower Upper

43 100

58 36.0 49.4 74.0#

57 32.8 16.3 24.5#

100 3.6 10.4 15.6#



#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.261 min

Lab File: VU052365.D

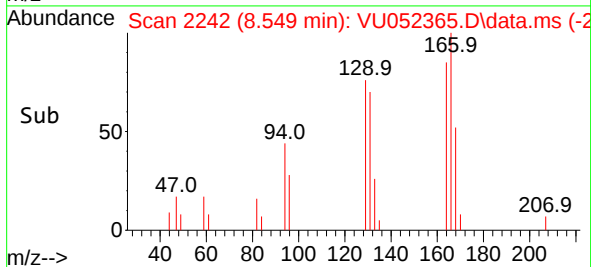
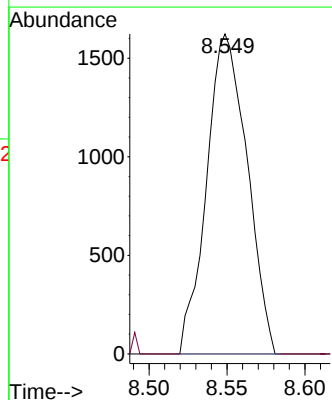
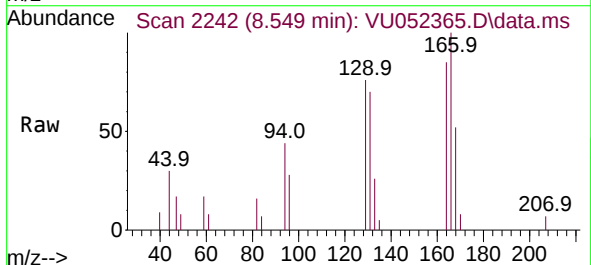
Acq: 12 Dec 2022 20:04

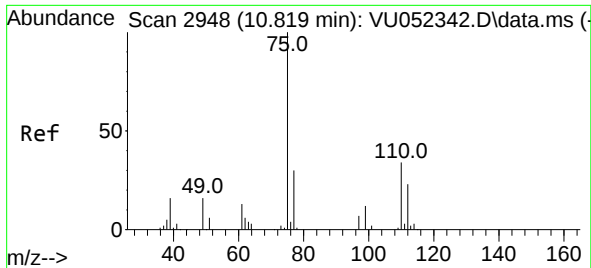
Tgt Ion: 129 Resp: 2938

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.038 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052365.D
 Acq: 12 Dec 2022 20:04

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N36

Tgt Ion: 75 Resp: 13090
 Ion Ratio Lower Upper
 75 100
 110 2.5 28.3 42.5#
 77 34.6 26.2 39.2

