

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051924.D
 Acq On : 19 Nov 2022 00:51
 Operator : JC/MD
 Sample : N5684-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J3

Quant Time: Nov 19 01:48:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 22:29:23 2022
 Response via : Initial Calibration

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

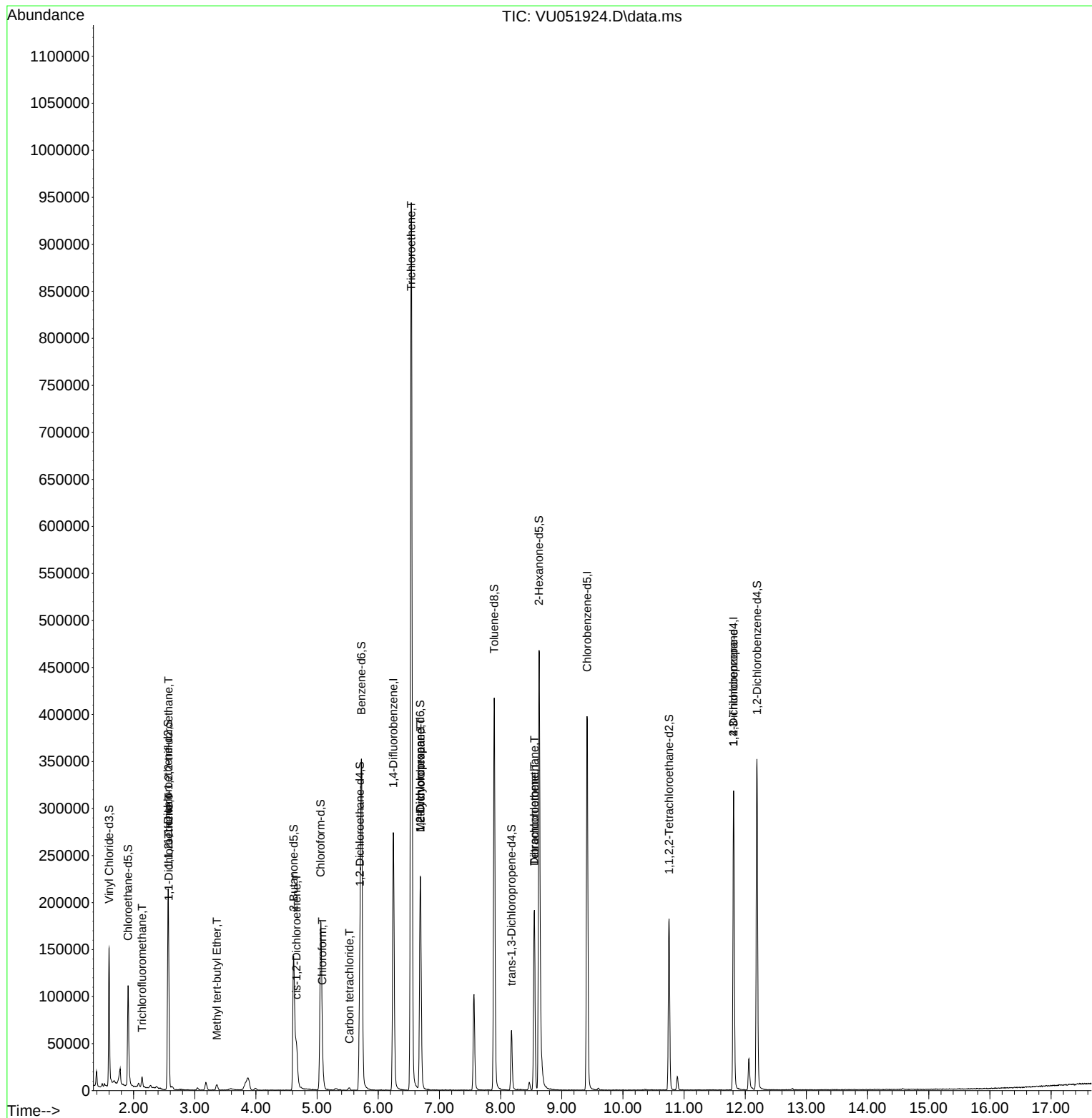
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227072	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	236475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88740	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	110895	5.021	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.400%
7) Chloroethane-d5	1.909	69	90281	5.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.565	65	39732	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.616	46	200744	50.141	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.060	84	165151	5.089	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.700	65	87371	5.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.726	84	354217	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.687	67	114578	5.274	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.400%
41) Toluene-d8	7.896	98	288635	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.179	79	37052	4.680	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.629	63	160851	47.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	93853	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	99251	5.842	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	7104	0.261	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1952	0.118	ug/L #	34
12) 1,1-Dichloroethene	2.575	96	1985	0.121	ug/L #	1
17) Methyl tert-butyl Ether	3.362	73	5242	0.142	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	19967	1.077	ug/L	97
25) Chloroform	5.086	83	15544	0.482	ug/L	90
31) Carbon tetrachloride	5.530	117	1754	0.079	ug/L	89
34) Trichloroethene	6.539	95	337312	17.573	ug/L	98
35) Methylcyclohexane	6.690	83	26657	0.965	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	11698	0.587	ug/L #	88
47) Tetrachloroethene	8.552	164	43966	2.989	ug/L	98
49) Dibromochloromethane	8.552	129	42710	2.547	ug/L #	12
61) 1,2,3-Trichloropropane	11.809	75	10394	1.023	ug/L #	69

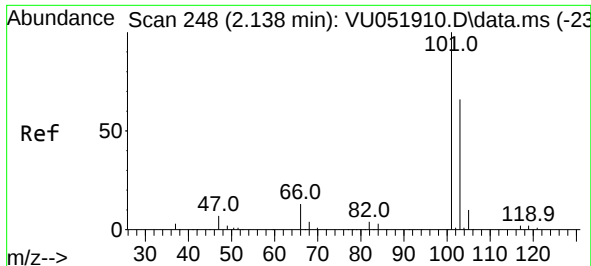
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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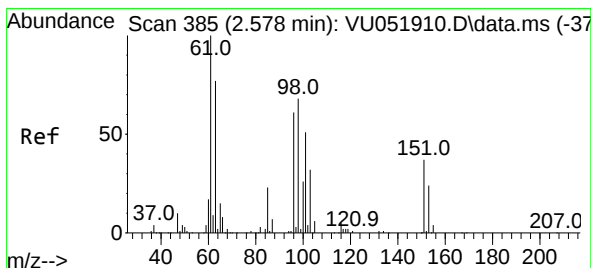
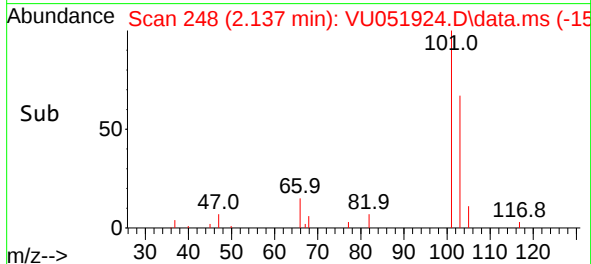
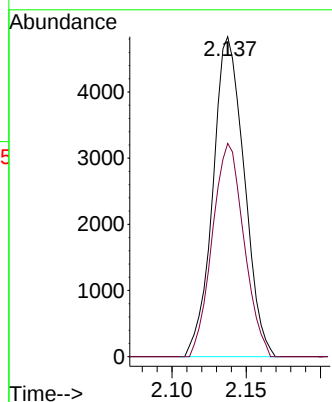
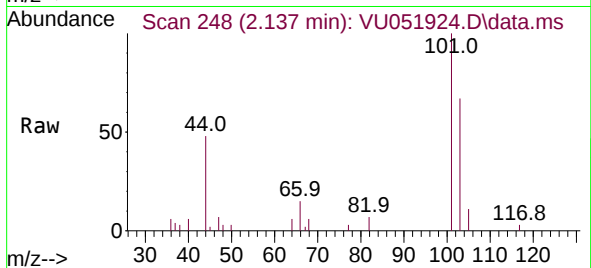




#9
 Trichlorofluoromethane
 Concen: 0.261 ug/L
 RT: 2.137 min Scan# 248
 Delta R.T. -0.000 min
 Lab File: VU051924.D
 Acq: 19 Nov 2022 00:51

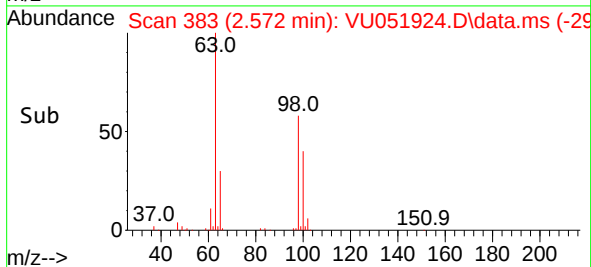
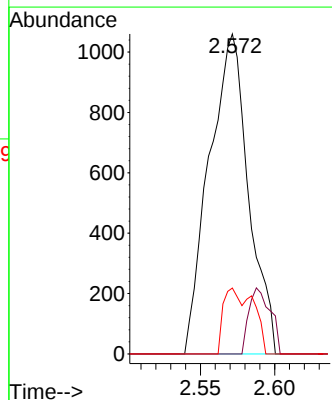
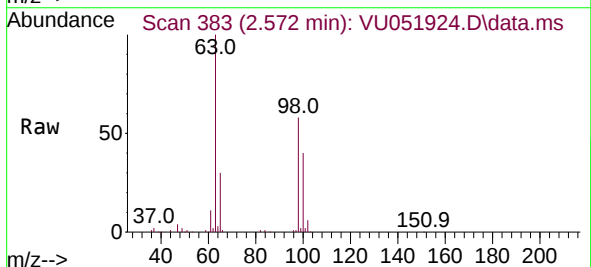
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J3

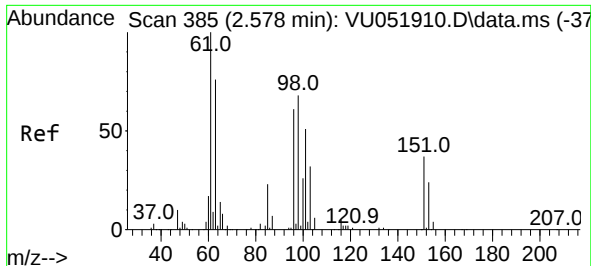
Tgt Ion:101 Resp: 7104
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.118 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU051924.D
 Acq: 19 Nov 2022 00:51

Tgt Ion:101 Resp: 1952
 Ion Ratio Lower Upper
 101 100
 85 11.2 33.8 50.6#
 151 9.3 58.6 88.0#





#12

1,1-Dichloroethene

Concen: 0.121 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

Lab File: VU051924.D

Acq: 19 Nov 2022 00:51

Instrument :

MSVOA_U

ClientSampleId :

BH1J3

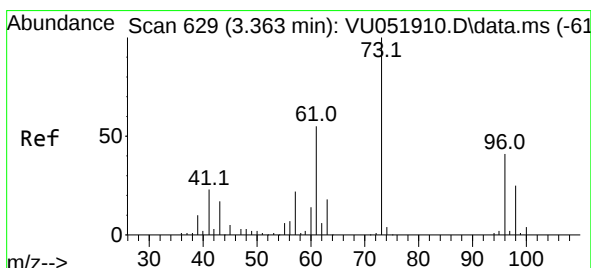
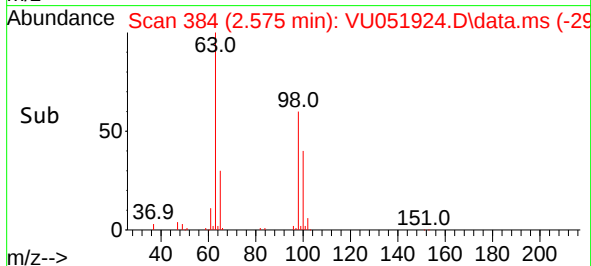
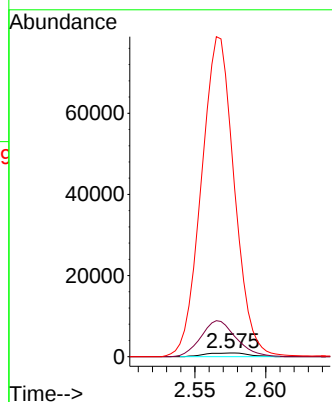
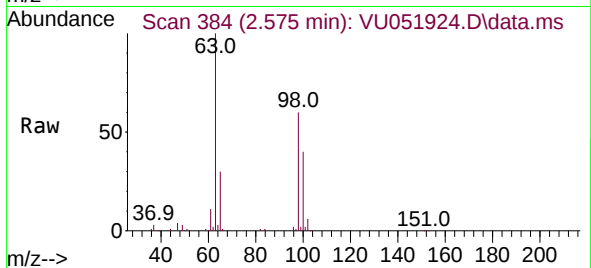
Tgt Ion: 96 Resp: 1985

Ion Ratio Lower Upper

96 100

61 692.5 114.8 213.2#

63 6086.1 93.7 174.1#



#17

Methyl tert-butyl Ether

Concen: 0.142 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.000 min

Lab File: VU051924.D

Acq: 19 Nov 2022 00:51

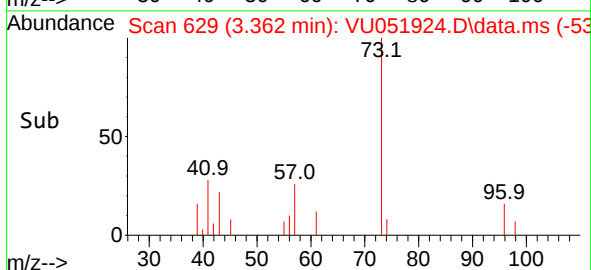
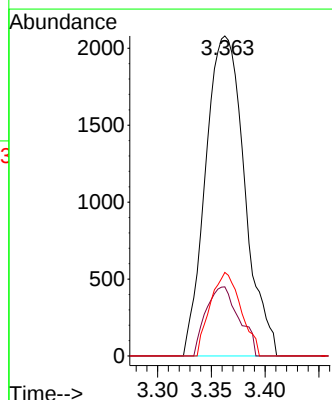
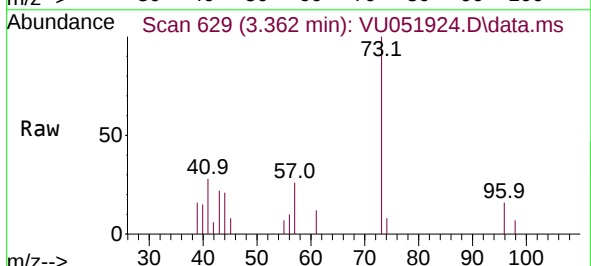
Tgt Ion: 73 Resp: 5242

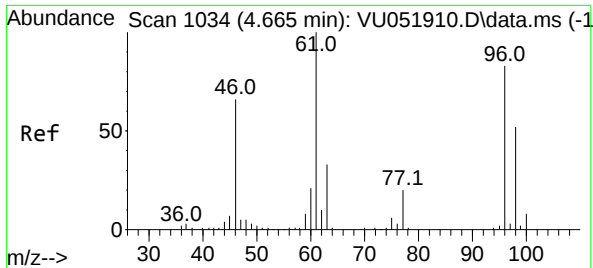
Ion Ratio Lower Upper

73 100

43 18.3 13.2 19.8

57 20.6 17.8 26.8

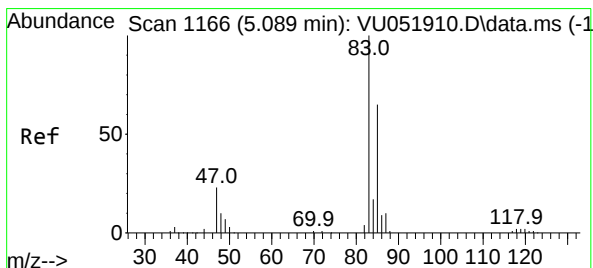
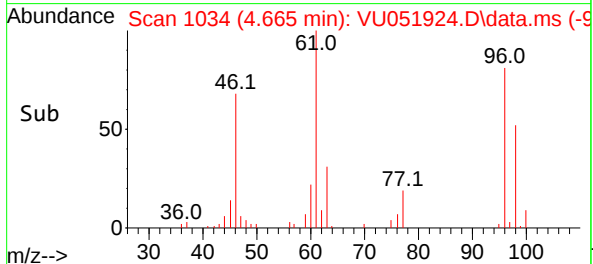
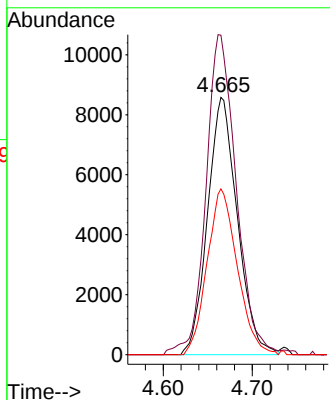
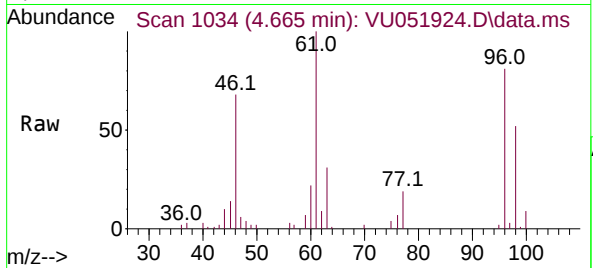




#22
 cis-1,2-Dichloroethene
 Concen: 1.077 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051924.D
 Acq: 19 Nov 2022 00:51

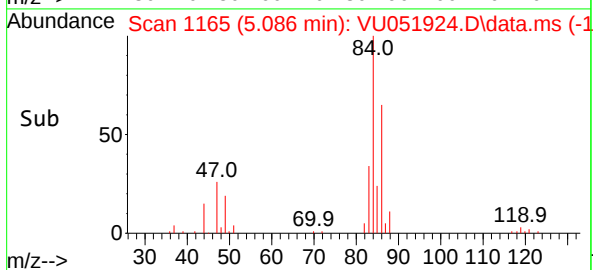
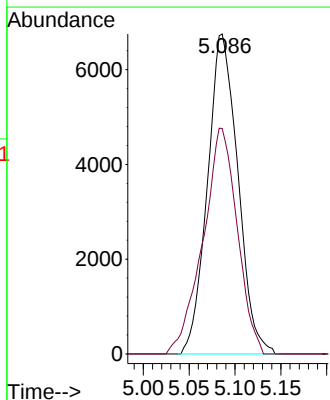
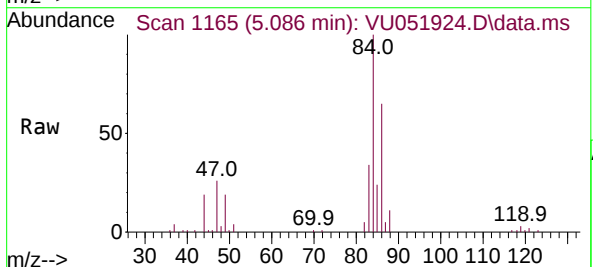
Instrument :
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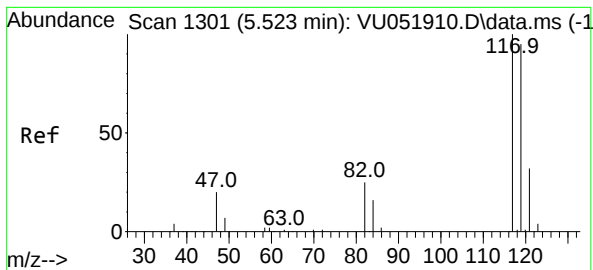
Tgt Ion: 96 Resp: 19967
 Ion Ratio Lower Upper
 96 100
 61 124.2 85.1 158.1
 98 64.4 42.8 79.6



#25
 Chloroform
 Concen: 0.482 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. -0.003 min
 Lab File: VU051924.D
 Acq: 19 Nov 2022 00:51

Tgt Ion: 83 Resp: 15544
 Ion Ratio Lower Upper
 83 100
 85 70.5 43.8 81.4

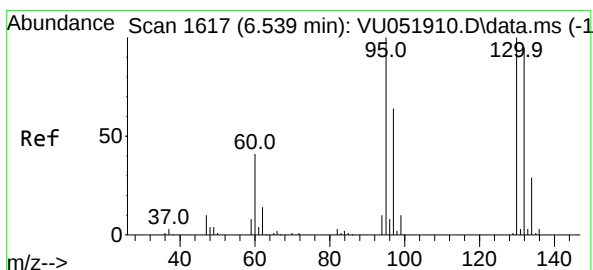
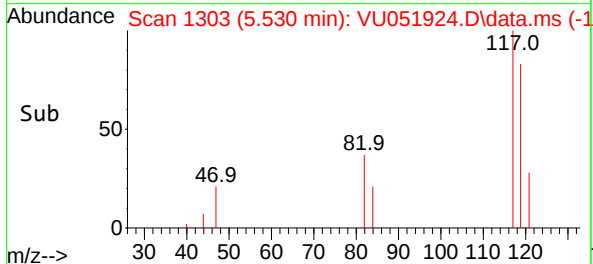
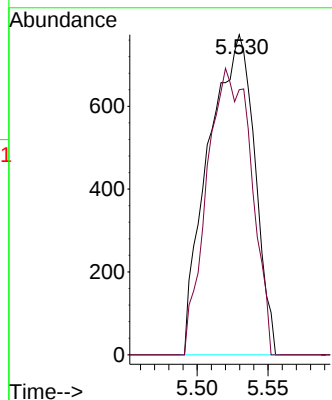
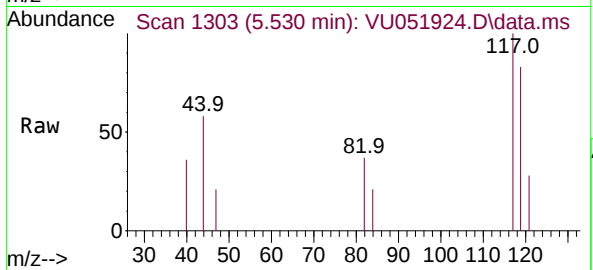




#31
Carbon tetrachloride
Concen: 0.079 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.006 min
Lab File: VU051924.D
Acq: 19 Nov 2022 00:51

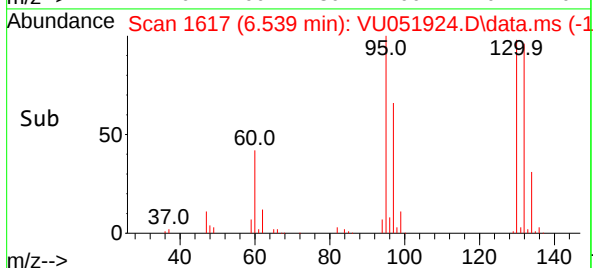
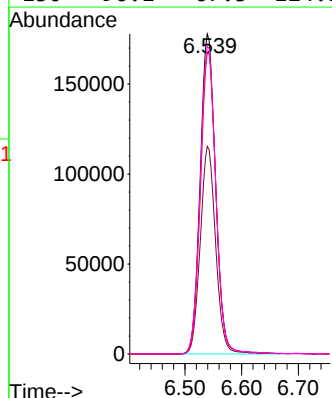
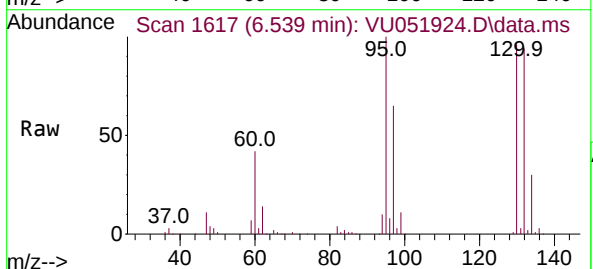
Instrument :
MSVOA_U
ClientSampleId :
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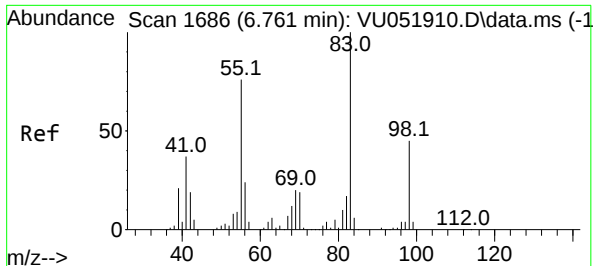
Tgt Ion:117 Resp: 1754
Ion Ratio Lower Upper
117 100
119 86.1 77.2 115.8



#34
Trichloroethene
Concen: 17.573 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051924.D
Acq: 19 Nov 2022 00:51

Tgt Ion: 95 Resp: 337312
Ion Ratio Lower Upper
95 100
97 64.9 43.7 81.1
132 94.2 64.3 119.3
130 96.1 67.3 124.9





#35

Methylcyclohexane

Concen: 0.965 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051924.D

Acq: 19 Nov 2022 00:51

Instrument :

MSVOA_U

ClientSampleId :

BH1J3

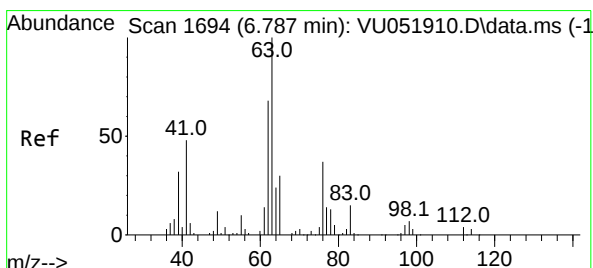
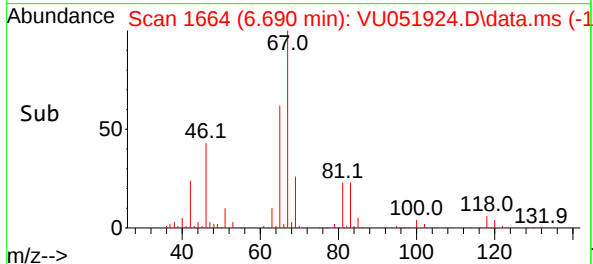
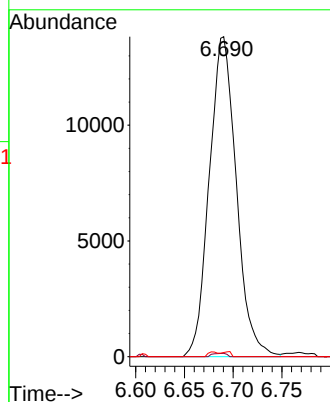
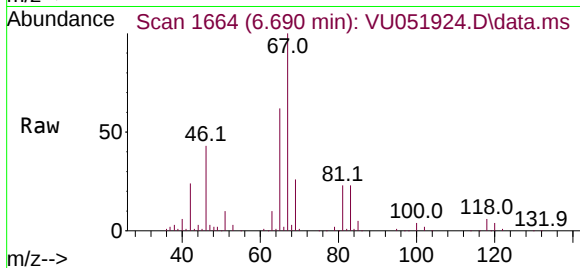
Tgt Ion: 83 Resp: 26657

Ion Ratio Lower Upper

83 100

55 0.5 60.8 91.2#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.096 min

Lab File: VU051924.D

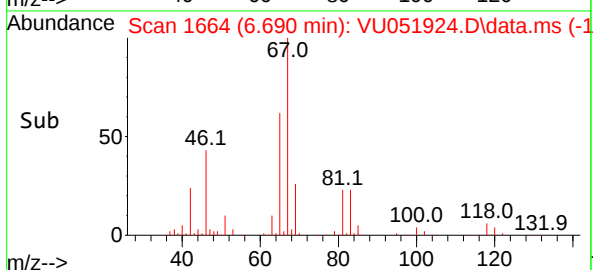
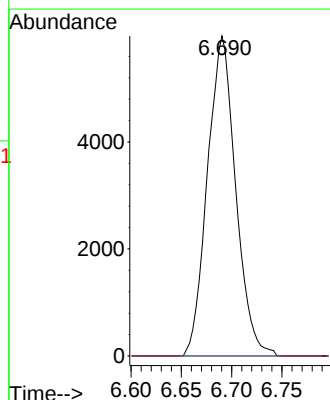
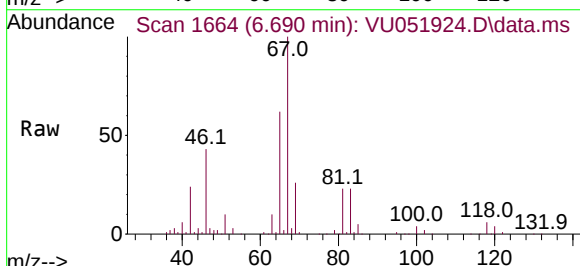
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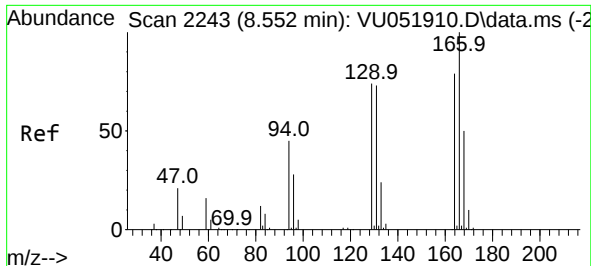
Tgt Ion: 63 Resp: 11698

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#47

Tetrachloroethene

Concen: 2.989 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051924.D

Acq: 19 Nov 2022 00:51

Instrument :

MSVOA_U

ClientSampleId :

BH1J3

Tgt Ion:164 Resp: 43966

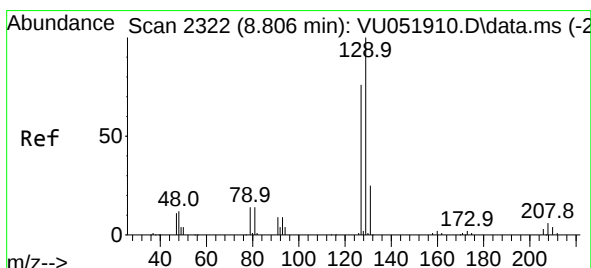
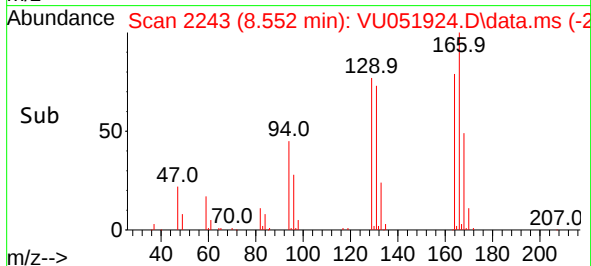
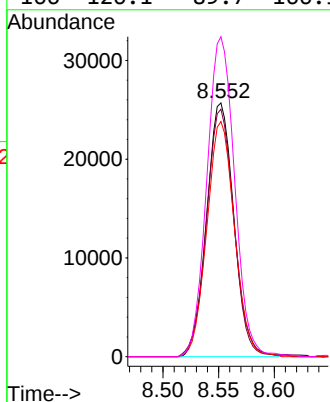
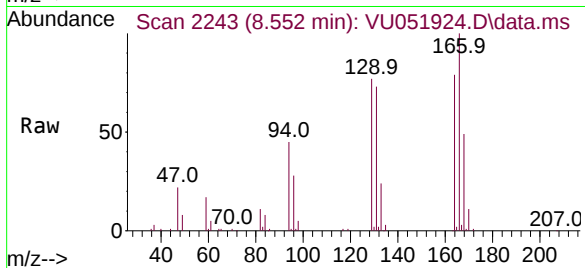
Ion Ratio Lower Upper

164 100

129 97.5 67.4 125.2

131 92.7 67.1 124.7

166 126.1 89.7 166.5



#49

Dibromochloromethane

Concen: 2.547 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.254 min

Lab File: VU051924.D

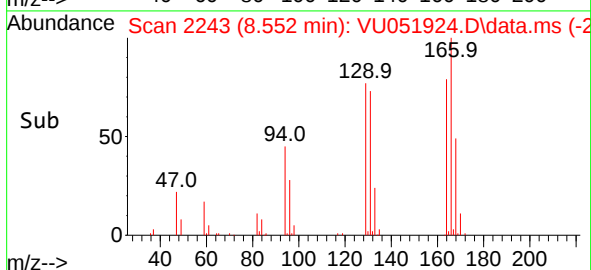
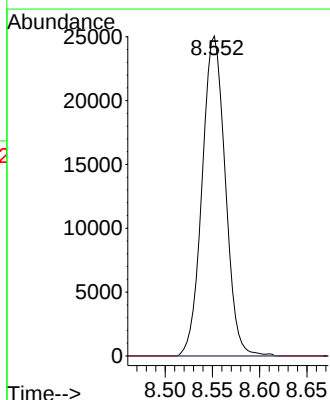
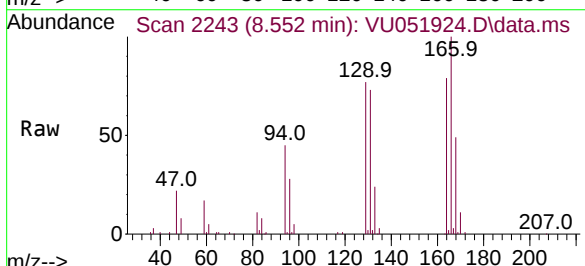
Acq: 19 Nov 2022 00:51

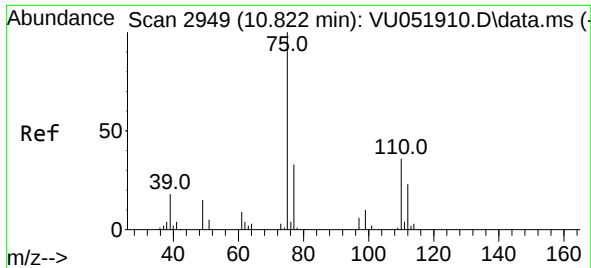
Tgt Ion:129 Resp: 42710

Ion Ratio Lower Upper

129 100

127 0.0 52.8 98.2#





#61
1,2,3-Trichloropropane
Concen: 1.023 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU051924.D
Acq: 19 Nov 2022 00:51

Instrument :
MSVOA_U
ClientSampleId :
BH1J3

Tgt Ion:	75	Resp:	10394
Ion	Ratio	Lower	Upper
75	100		
110	1.7	28.3	42.5#
77	31.8	26.2	39.2

