

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111922\
 Data File : VU051952.D
 Acq On : 19 Nov 2022 13:52
 Operator : JC/MD
 Sample : N5693-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBN90

Quant Time: Nov 19 21:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 19 21:39:41 2022
 Response via : Initial Calibration

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

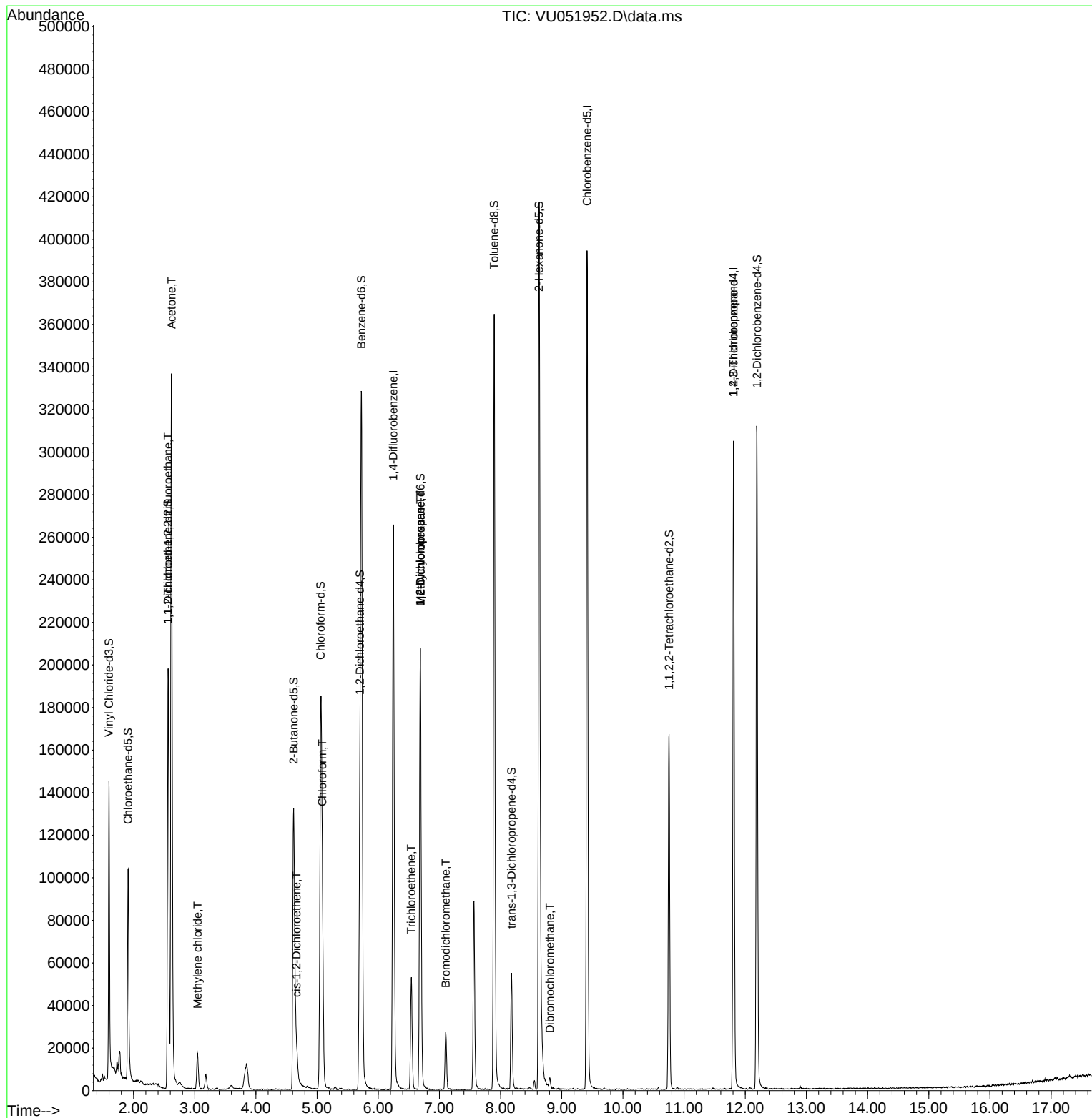
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220552	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103066	4.804	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.909	69	83112	4.988	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.565	65	37964	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.617	46	186948	48.075	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.160%
24) Chloroform-d	5.060	84	160661	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.700	65	82006	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.726	84	327997	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.690	67	106250	5.064	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.896	98	253818	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.179	79	32467	4.246	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.629	63	141037	43.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87757	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	85721	5.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1209	0.075	ug/L #	24
13) Acetone	2.620	43	356397	134.967	ug/L	99
16) Methylene chloride	3.044	84	8719	0.403	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	5010	0.278	ug/L	86
25) Chloroform	5.086	83	62553	1.997	ug/L	96
34) Trichloroethene	6.539	95	18147	0.979	ug/L	97
35) Methylcyclohexane	6.690	83	23776	0.892	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	10779	0.560	ug/L #	88
38) Bromodichloromethane	7.102	83	19104	0.814	ug/L	94
49) Dibromochloromethane	8.806	129	2219	0.137	ug/L	95
61) 1,2,3-Trichloropropane	11.809	75	10223	1.043	ug/L #	68

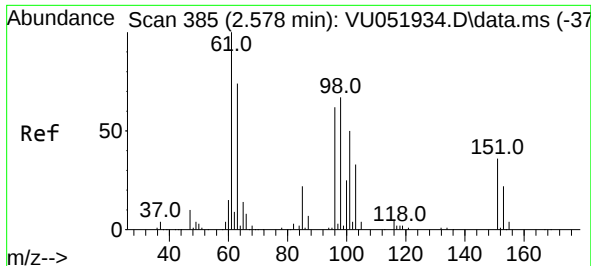
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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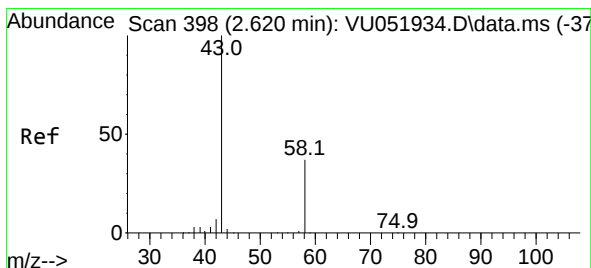
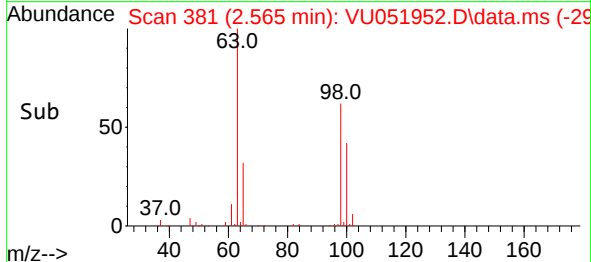
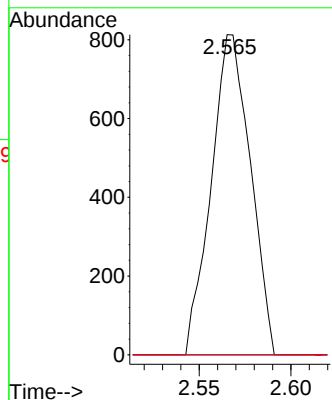
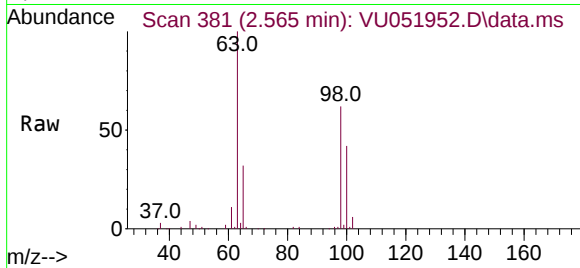




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

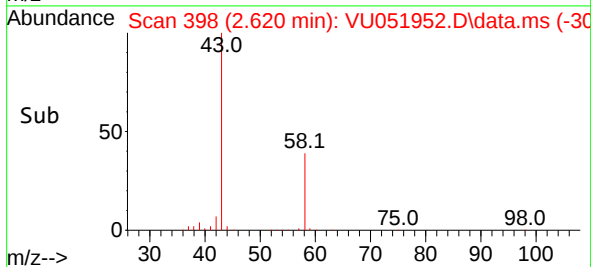
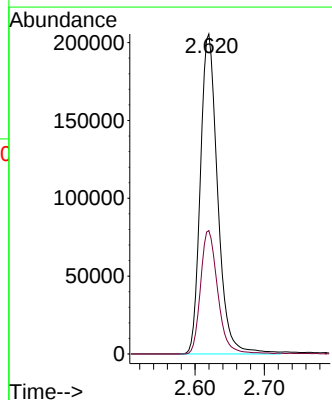
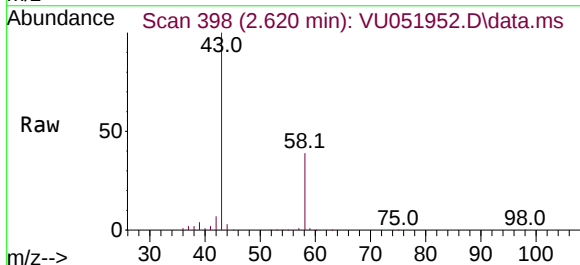
Instrument :
MSVOA_U
ClientSampleId :
GBN90

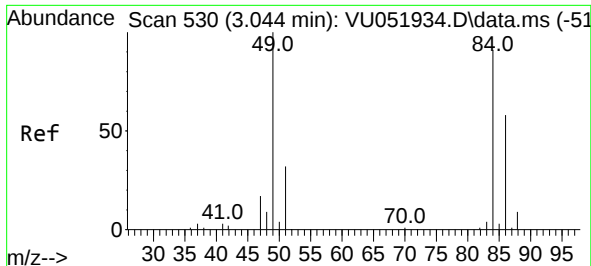
Tgt Ion:101 Resp: 1209
Ion Ratio Lower Upper
101 100
85 6.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 134.967 ug/L
RT: 2.620 min Scan# 398
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

Tgt Ion: 43 Resp: 356397
Ion Ratio Lower Upper
43 100
58 38.4 0.0 76.0

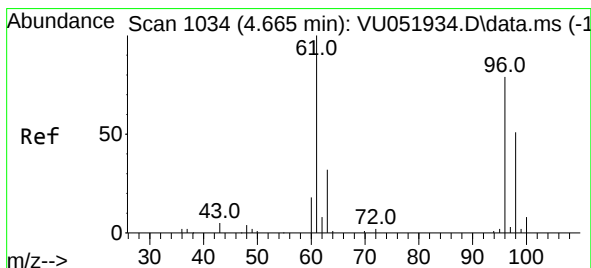
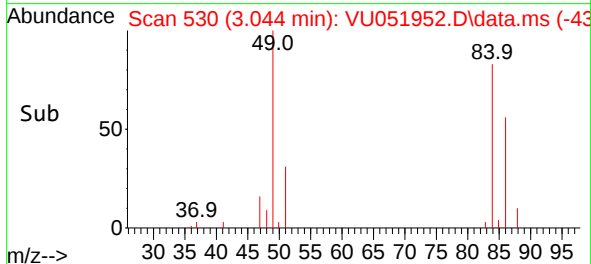
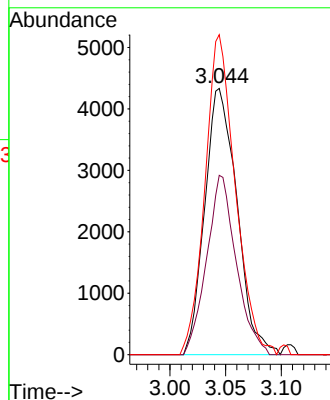
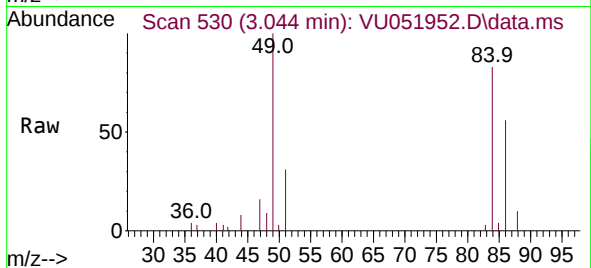




#16
Methylene chloride
Concen: 0.403 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

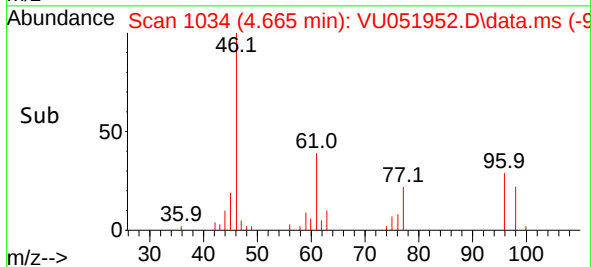
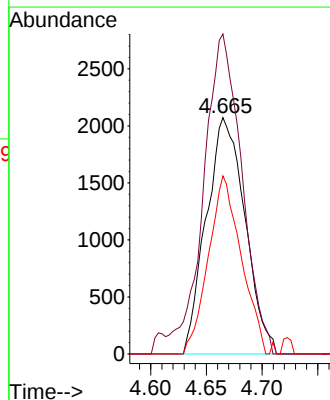
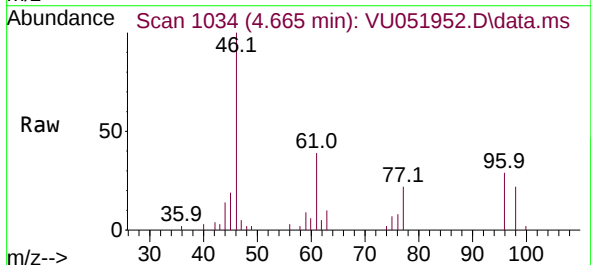
Instrument :
MSVOA_U
ClientSampleId :
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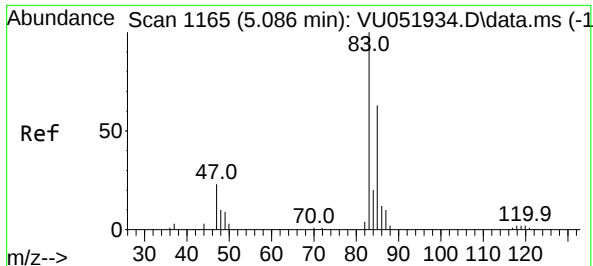
Tgt Ion: 84 Resp: 8719
Ion Ratio Lower Upper
84 100
86 67.4 43.8 81.4
49 120.2 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.278 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

Tgt Ion: 96 Resp: 5010
Ion Ratio Lower Upper
96 100
61 135.4 85.1 158.1
98 75.3 42.8 79.6

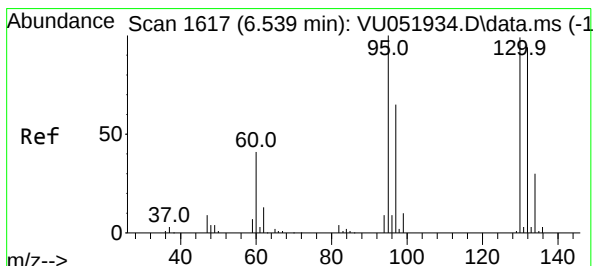
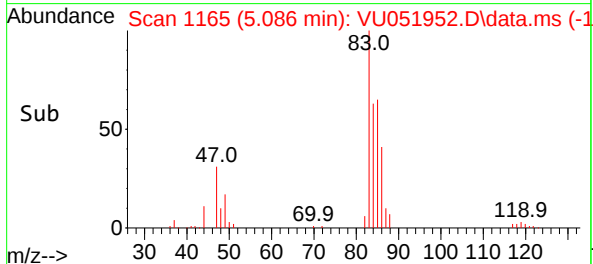
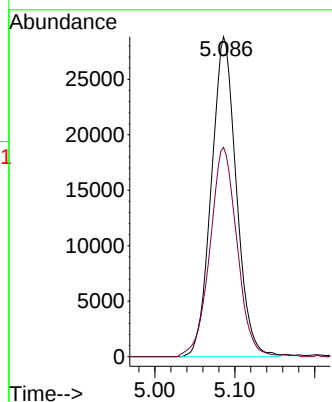
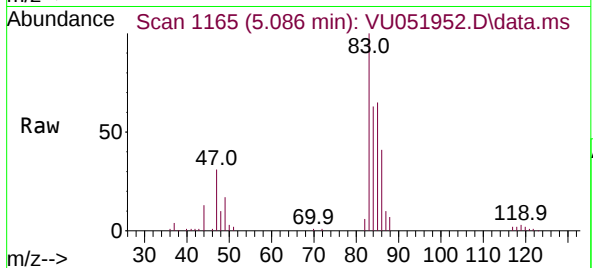




#25
Chloroform
Concen: 1.997 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

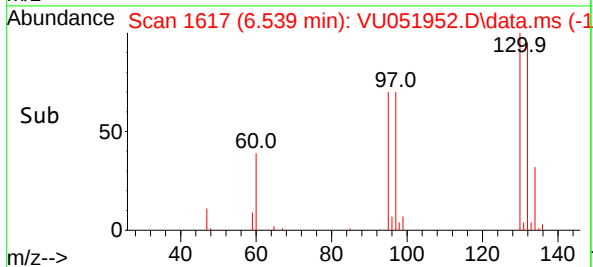
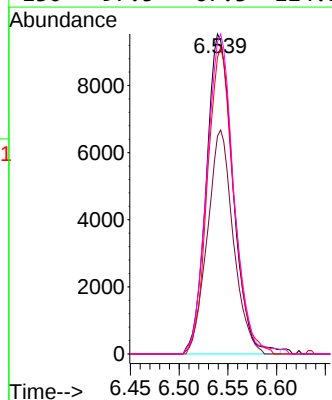
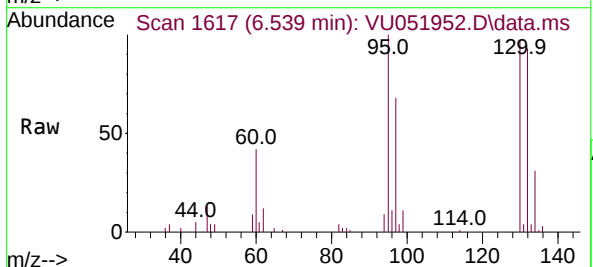
Instrument :
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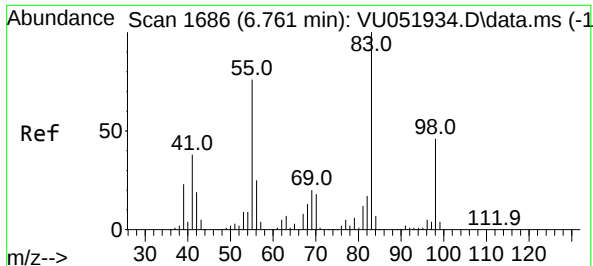
Tgt Ion: 83 Resp: 62553
Ion Ratio Lower Upper
83 100
85 65.4 43.8 81.4



#34
Trichloroethene
Concen: 0.979 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

Tgt Ion: 95 Resp: 18147
Ion Ratio Lower Upper
95 100
97 68.1 43.7 81.1
132 92.7 64.3 119.3
130 97.5 67.3 124.9





#35

Methylcyclohexane

Concen: 0.892 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU051952.D

Acq: 19 Nov 2022 13:52

Instrument :

MSVOA_U

ClientSampleId :

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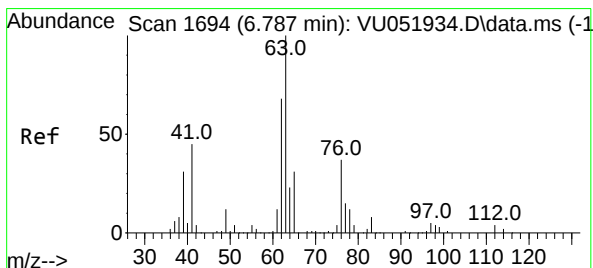
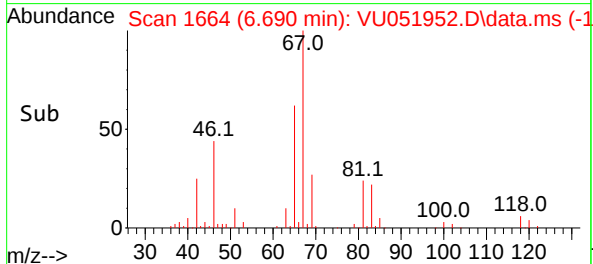
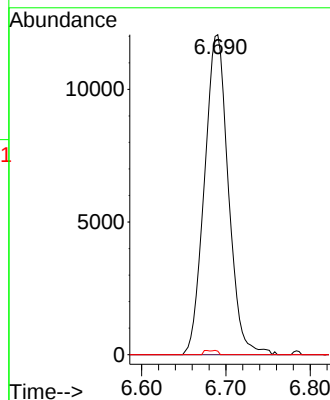
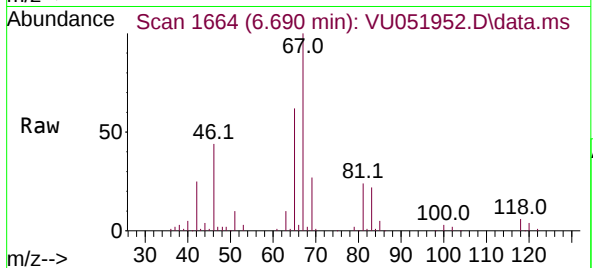
Tgt Ion: 83 Resp: 23776

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 0.4 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.096 min

Lab File: VU051952.D

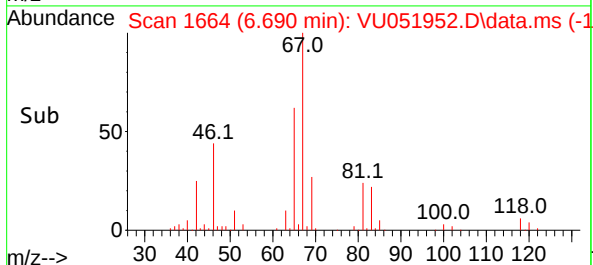
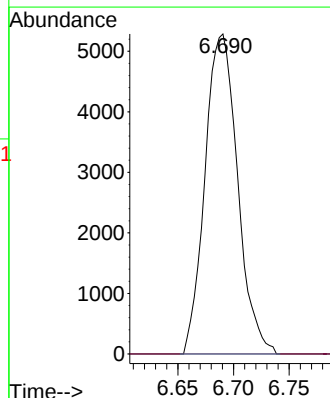
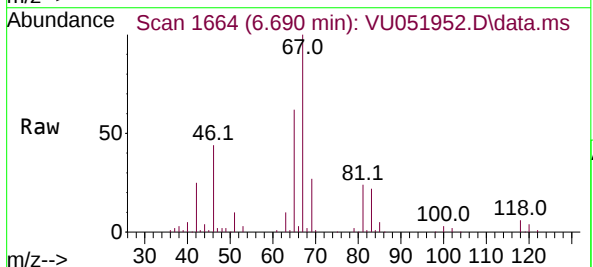
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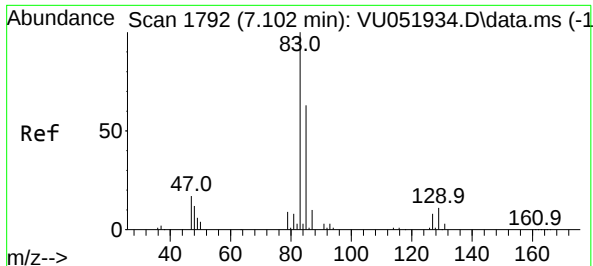
Tgt Ion: 63 Resp: 10779

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

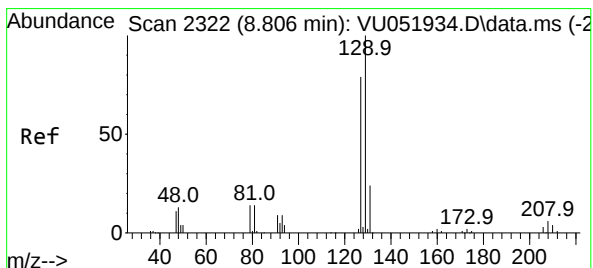
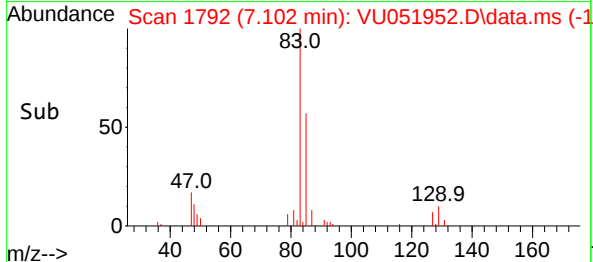
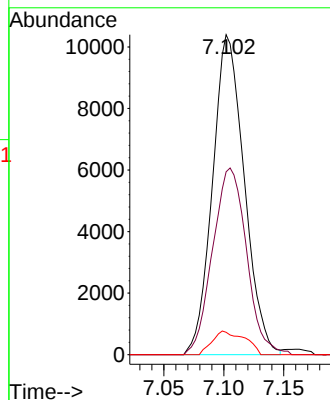
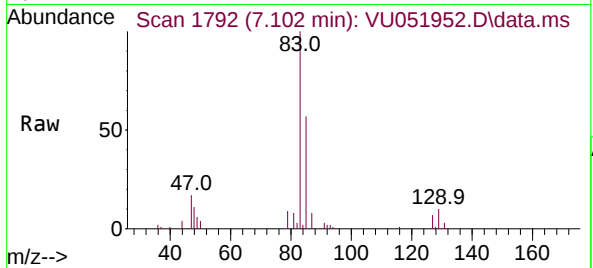




#38
Bromodichloromethane
Concen: 0.814 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

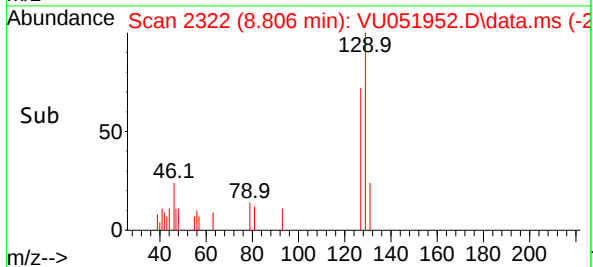
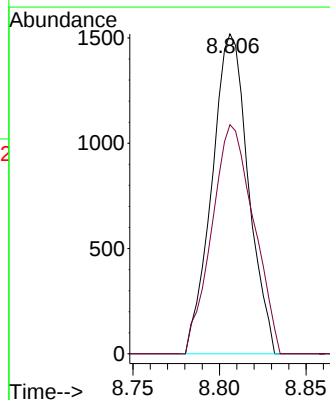
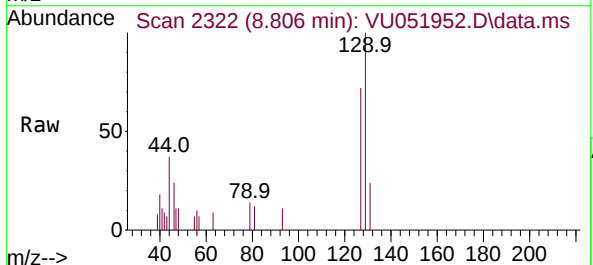
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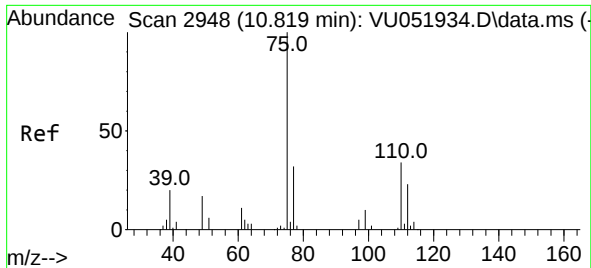
Tgt Ion: 83 Resp: 19104
Ion Ratio Lower Upper
83 100
85 57.1 43.5 80.9
127 7.0 6.8 10.2



#49
Dibromochloromethane
Concen: 0.137 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU051952.D
Acq: 19 Nov 2022 13:52

Tgt Ion: 129 Resp: 2219
Ion Ratio Lower Upper
129 100
127 71.6 52.8 98.2





#61

1,2,3-Trichloropropane

Concen: 1.043 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU051952.D

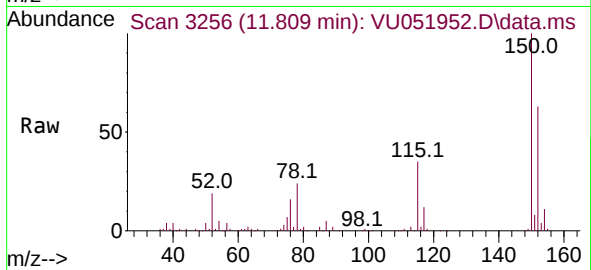
Acq: 19 Nov 2022 13:52

Instrument :

MSVOA_U

ClientSampleId :

GBN90



Tgt Ion: 75 Resp: 10223

Ion Ratio Lower Upper

75 100

110 2.1 28.3 42.5#

77 30.4 26.2 39.2

