

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057531.D
 Acq On : 15 Jan 2024 15:48
 Operator : MD/SY
 Sample : P1120-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGWH9

Quant Time: Jan 16 00:36:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 16 00:31:32 2024
 Response via : Initial Calibration

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

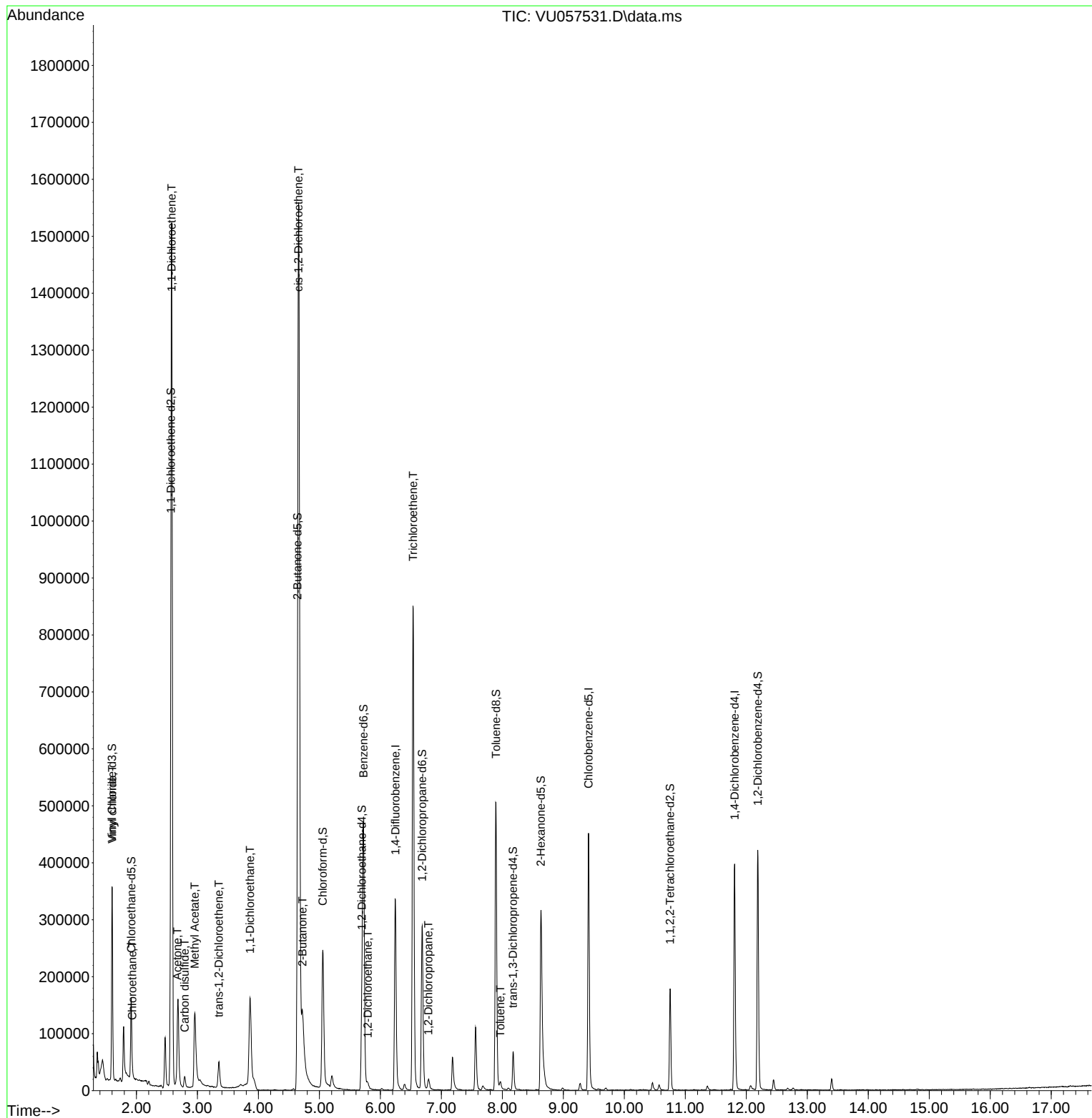
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	237444	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101067	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	123663	4.612	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.914	69	103912	4.981	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.563	65	52903	4.666	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.641	46	210702	41.548	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.100%
24) Chloroform-d	5.055	84	232528	5.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.695	65	111421	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	449491	5.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.685	67	143399	5.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.894	98	343012	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.174	79	39167	4.172	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.631	63	105752	31.114	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91100	4.995	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	107978	5.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	138470	6.946	ug/L	96
8) Chloroethane	1.933	64	5709	0.459	ug/L	99
12) 1,1-Dichloroethene	2.576	96	459894	29.787	ug/L #	66
13) Acetone	2.670	43	50526	16.573	ug/L	96
14) Carbon disulfide	2.792	76	32518	0.754	ug/L	99
15) Methyl Acetate	2.956	43	210834	30.591	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	17759	1.159	ug/L	95
19) 1,1-Dichloroethane	3.862	63	179042	5.178	ug/L	99
21) 2-Butanone	4.721	43	239209	55.468	ug/L	92
22) cis-1,2-Dichloroethene	4.657	96	778158	43.618	ug/L	97
27) 1,2-Dichloroethane	5.792	62	6272	0.290	ug/L	98
34) Trichloroethene	6.534	95	307991	16.806	ug/L	99
37) 1,2-Dichloropropane	6.785	63	5845	0.295	ug/L #	98
42) Toluene	7.965	91	8241	0.120	ug/L	96

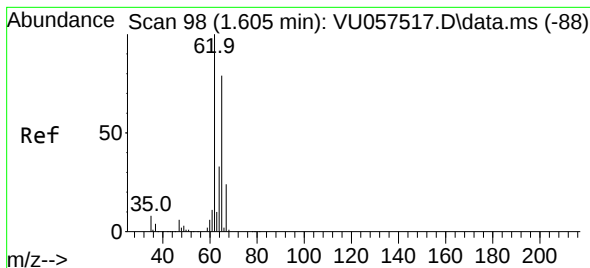
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.946 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.003 min

Lab File: VU057531.D

Acq: 15 Jan 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

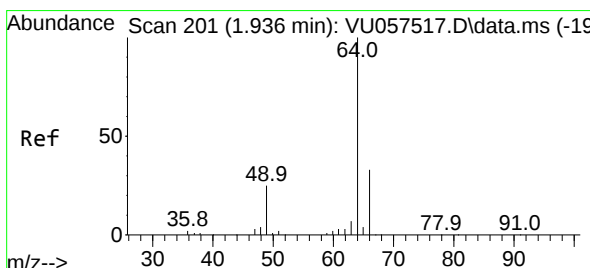
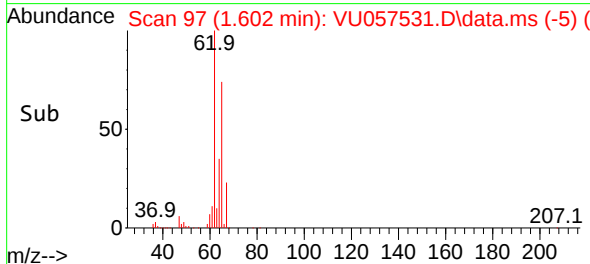
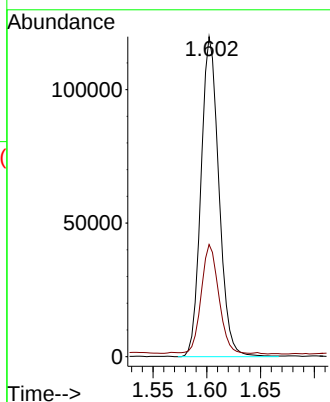
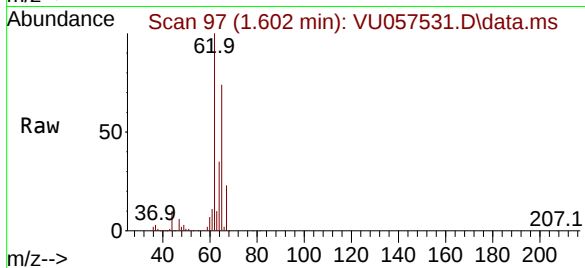
BGWH9

Tgt Ion: 62 Resp: 138470

Ion Ratio Lower Upper

62 100

64 35.1 22.9 42.5



#8

Chloroethane

Concen: 0.459 ug/L

RT: 1.933 min Scan# 200

Delta R.T. -0.003 min

Lab File: VU057531.D

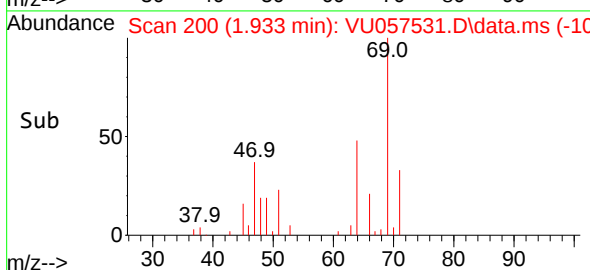
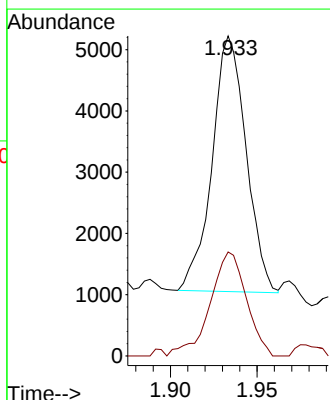
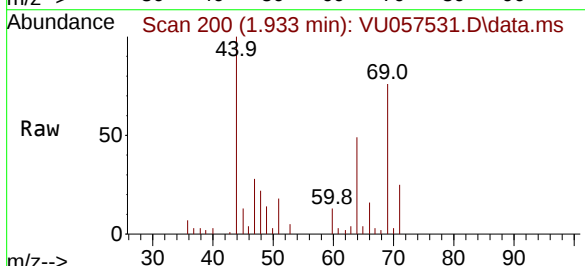
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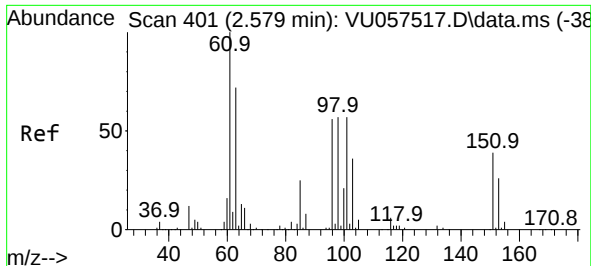
Tgt Ion: 64 Resp: 5709

Ion Ratio Lower Upper

64 100

66 32.5 23.3 43.3





#12

1,1-Dichloroethene

Concen: 29.787 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU057531.D

Acq: 15 Jan 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

BGWH9

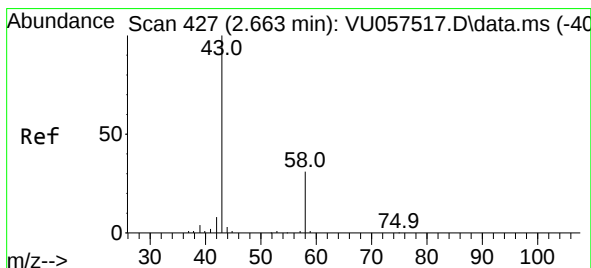
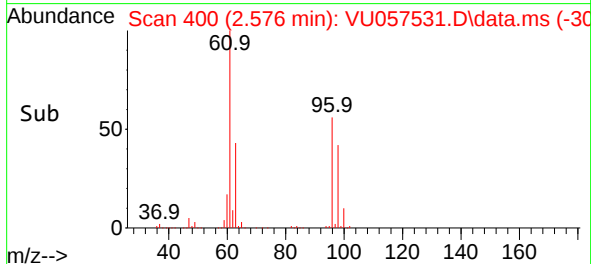
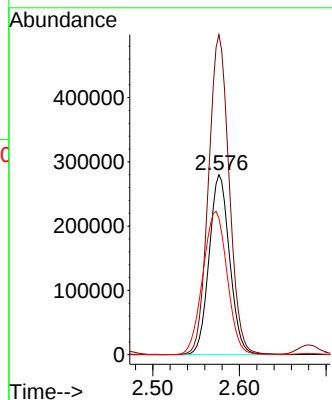
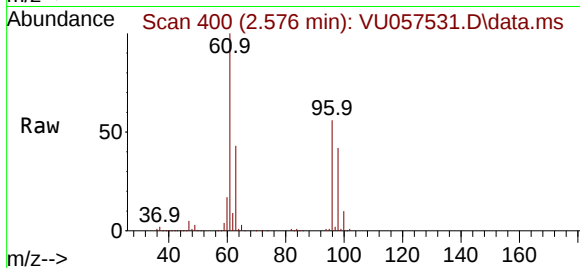
Tgt Ion: 96 Resp: 459894

Ion Ratio Lower Upper

96 100

61 177.8 130.9 243.1

63 75.8 114.8 213.2#



#13

Acetone

Concen: 16.573 ug/L

RT: 2.670 min Scan# 429

Delta R.T. 0.007 min

Lab File: VU057531.D

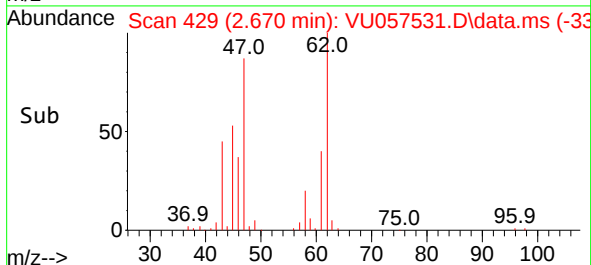
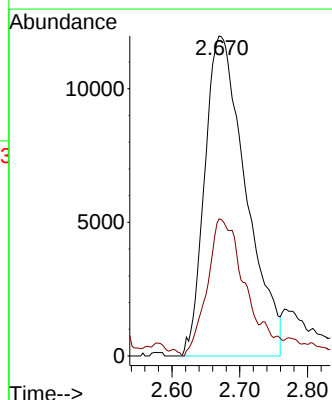
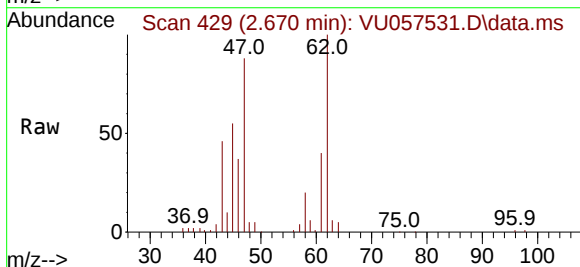
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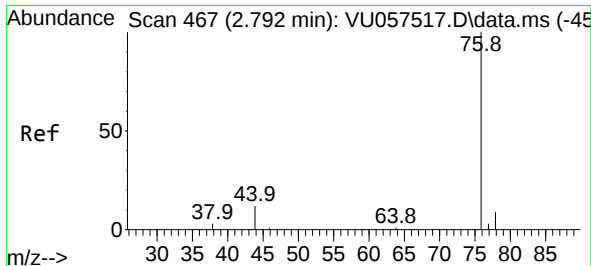
Tgt Ion: 43 Resp: 50526

Ion Ratio Lower Upper

43 100

58 36.4 0.0 67.8

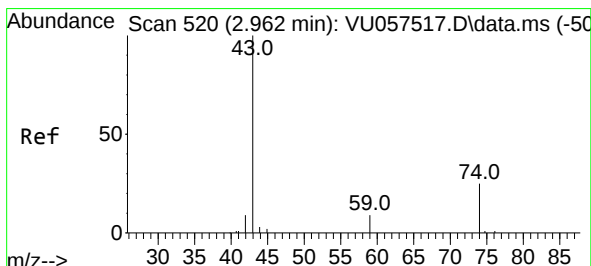
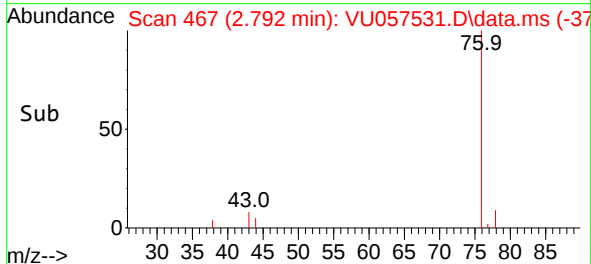
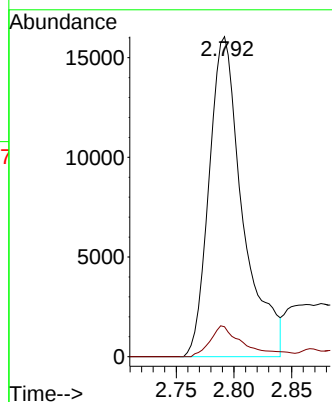
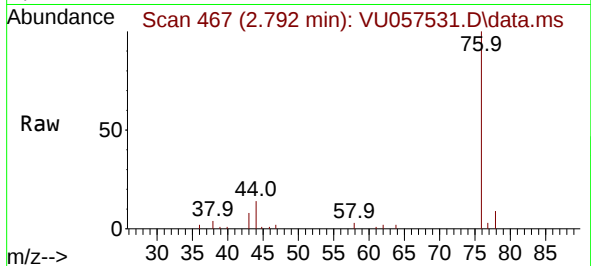




#14
Carbon disulfide
Concen: 0.754 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.000 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

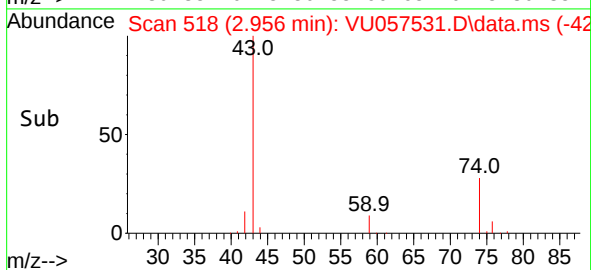
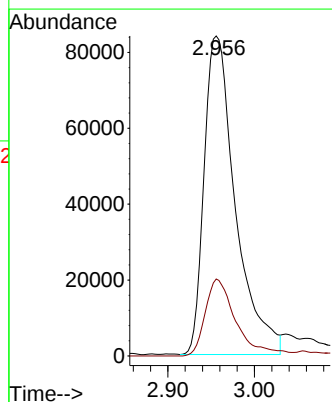
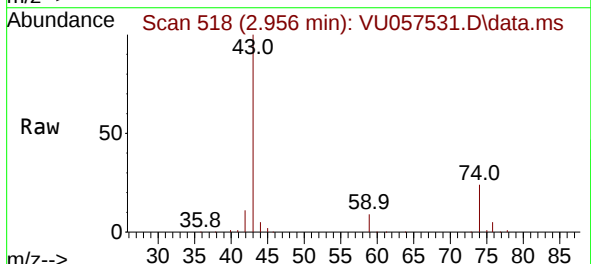
Instrument :
MSVOA_U
ClientSampleId :
BGWH9

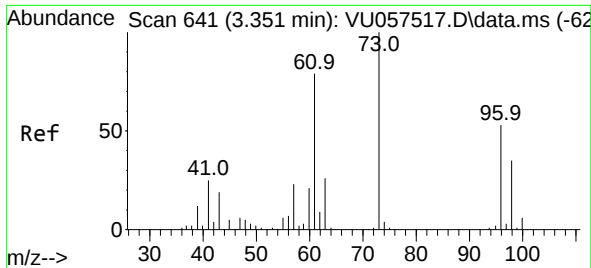
Tgt Ion: 76 Resp: 32518
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#15
Methyl Acetate
Concen: 30.591 ug/L
RT: 2.956 min Scan# 518
Delta R.T. -0.006 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

Tgt Ion: 43 Resp: 210834
Ion Ratio Lower Upper
43 100
74 23.8 18.6 27.8

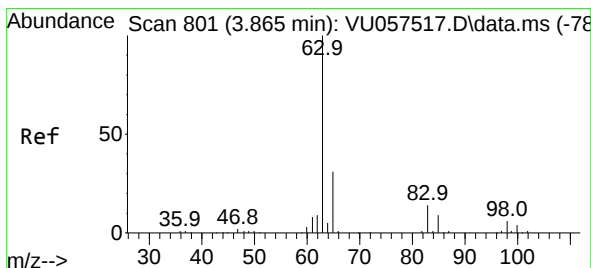
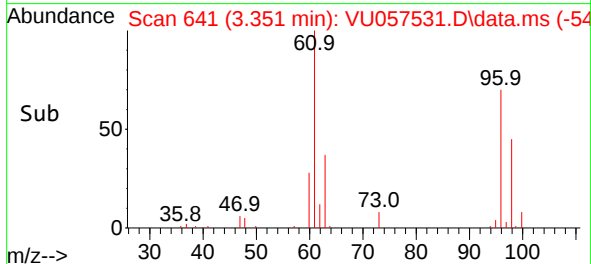
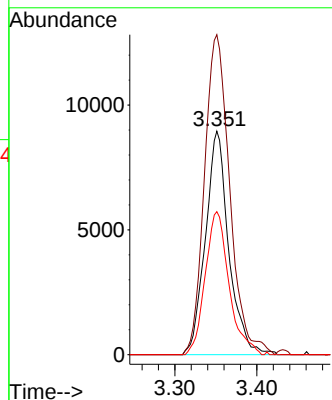
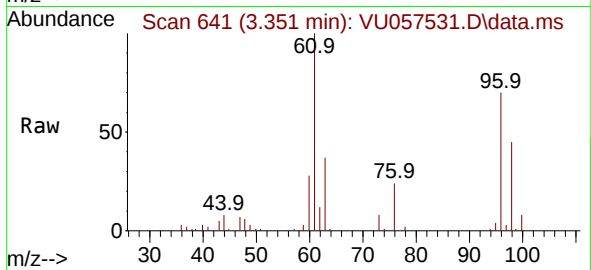




#18
trans-1,2-Dichloroethene
Concen: 1.159 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

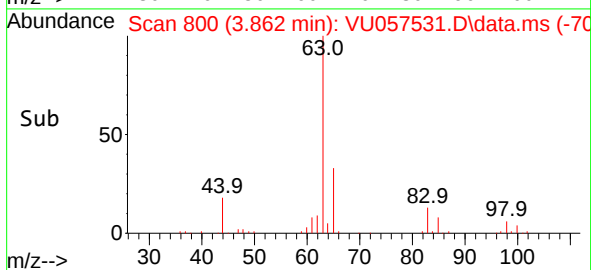
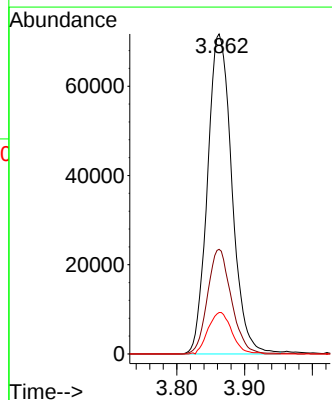
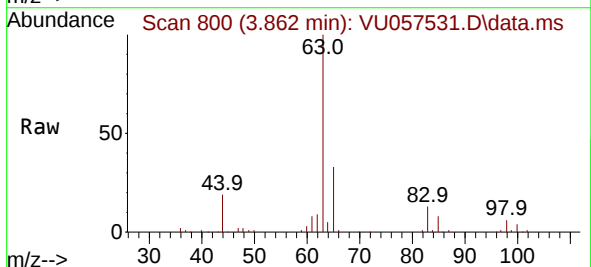
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ClientSampleId :
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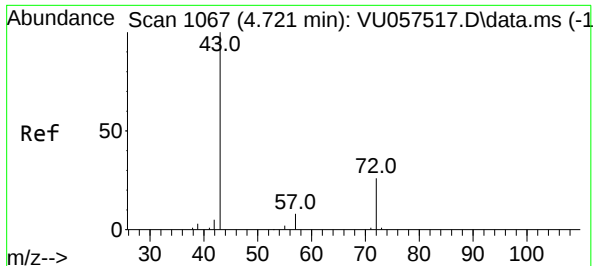
Tgt Ion: 96 Resp: 17759
Ion Ratio Lower Upper
96 100
61 143.1 105.1 195.3
98 64.0 43.7 81.1



#19
1,1-Dichloroethane
Concen: 5.178 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

Tgt Ion: 63 Resp: 179042
Ion Ratio Lower Upper
63 100
65 32.7 22.3 41.3
83 12.9 9.1 16.9

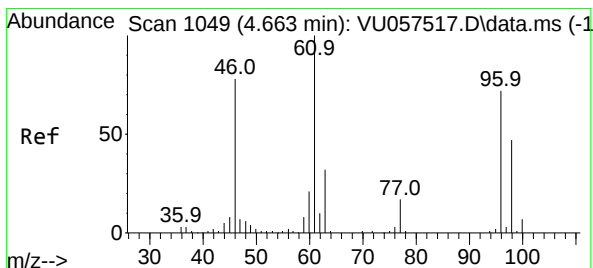
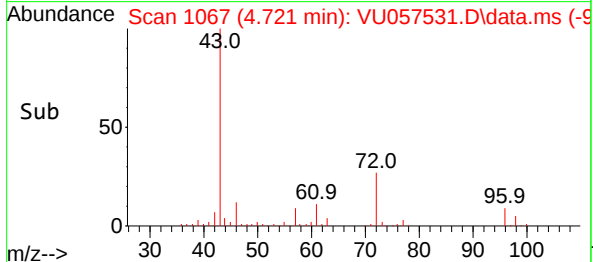
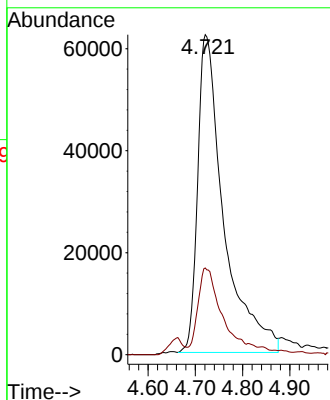
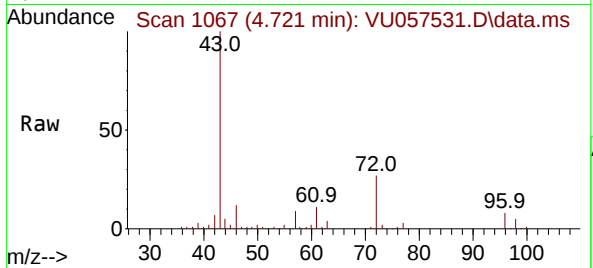




#21
2-Butanone
Concen: 55.468 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

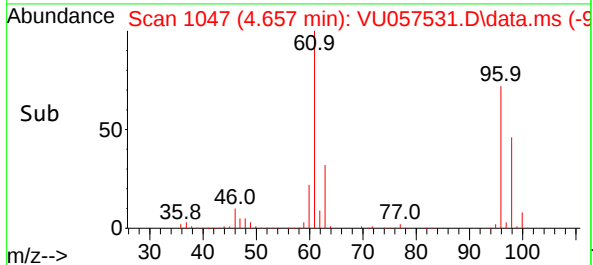
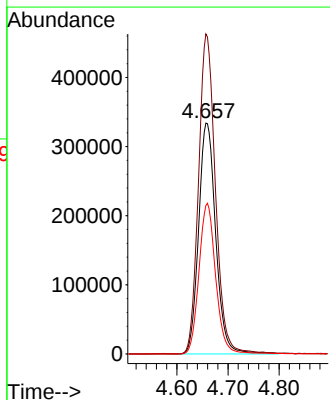
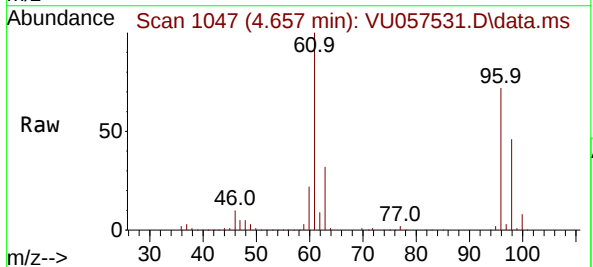
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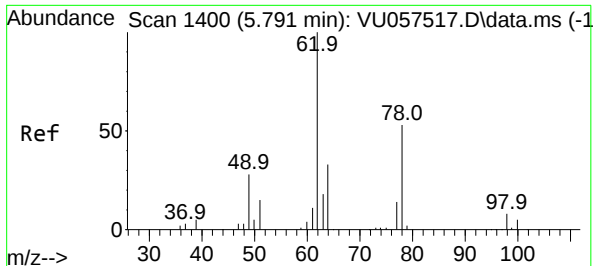
Tgt Ion: 43 Resp: 239209
Ion Ratio Lower Upper
43 100
72 21.3 12.7 38.0



#22
cis-1,2-Dichloroethene
Concen: 43.618 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.006 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

Tgt Ion: 96 Resp: 778158
Ion Ratio Lower Upper
96 100
61 138.6 93.4 173.4
98 64.3 44.9 83.3

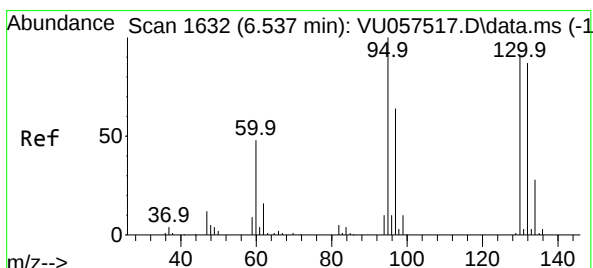
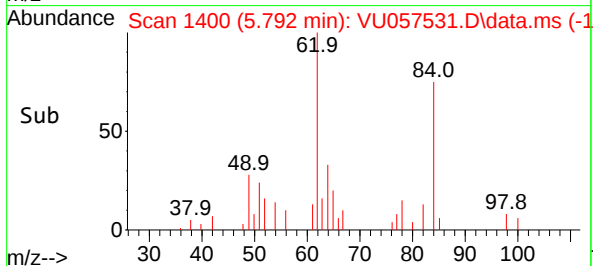
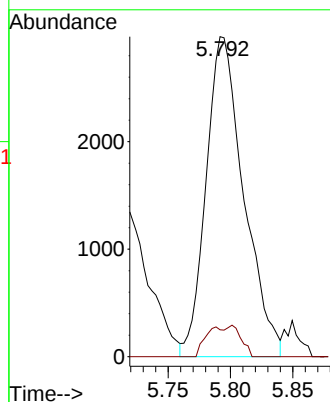
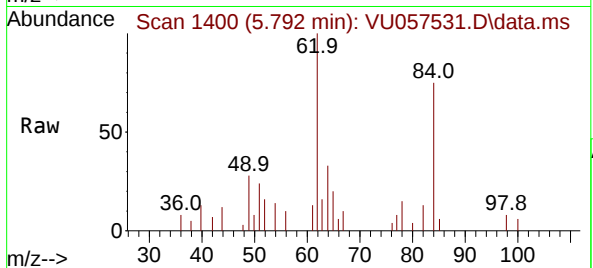




#27
1,2-Dichloroethane
Concen: 0.290 ug/L
RT: 5.792 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

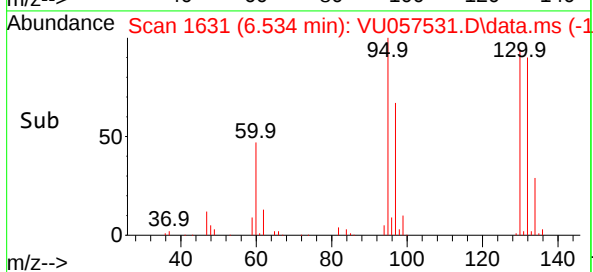
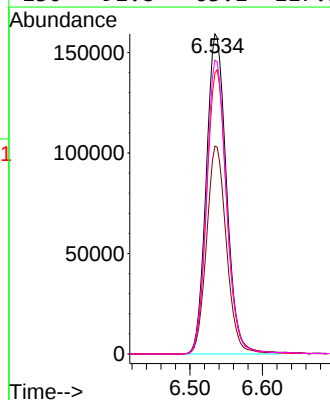
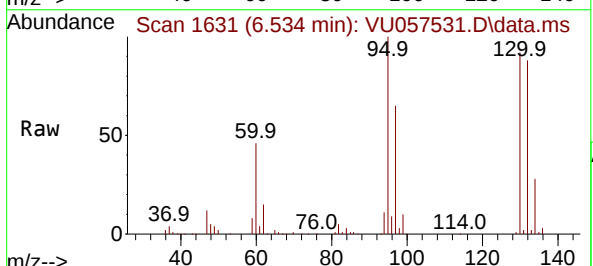
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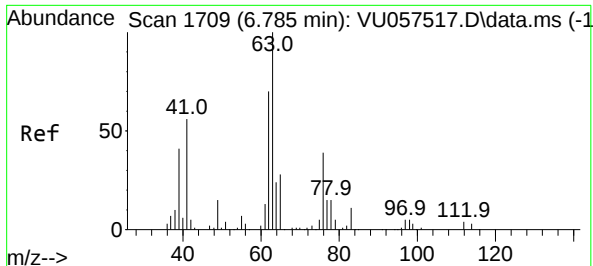
Tgt Ion: 62 Resp: 6272
Ion Ratio Lower Upper
62 100
98 8.4 7.4 11.0



#34
Trichloroethene
Concen: 16.806 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057531.D
Acq: 15 Jan 2024 15:48

Tgt Ion: 95 Resp: 307991
Ion Ratio Lower Upper
95 100
97 65.0 45.0 83.6
132 87.8 61.7 114.5
130 91.8 63.1 117.3





#37

1,2-Dichloropropane

Concen: 0.295 ug/L

RT: 6.785 min Scan# 1709

Delta R.T. 0.000 min

Lab File: VU057531.D

Acq: 15 Jan 2024 15:48

Instrument :

MSVOA_U

ClientSampleId :

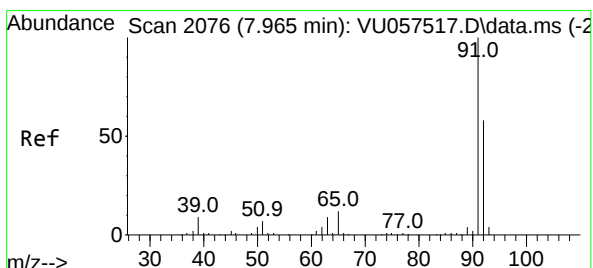
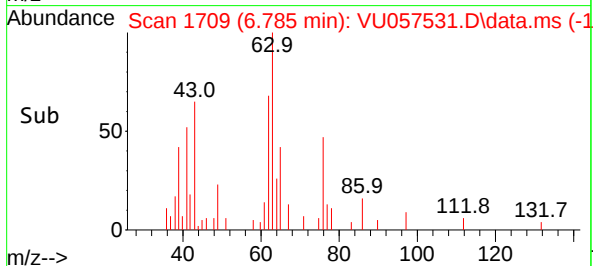
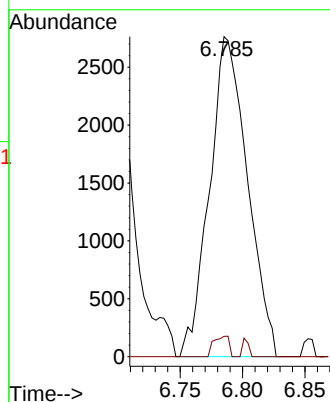
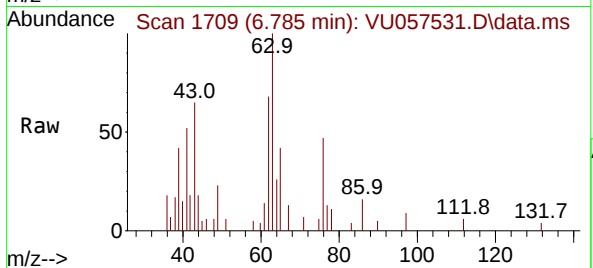
BGWH9

Tgt Ion: 63 Resp: 5845

Ion Ratio Lower Upper

63 100

112 2.6 2.7 4.1#



#42

Toluene

Concen: 0.120 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU057531.D

Acq: 15 Jan 2024 15:48

Tgt Ion: 91 Resp: 8241

Ion Ratio Lower Upper

91 100

92 62.1 41.2 76.4

