

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
 Data File : VU057535.D
 Acq On : 15 Jan 2024 17:25
 Operator : MD/SY
 Sample : P1062-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 16 00:37:38 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	6.242	114	150261	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	141426	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	49183	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	81007	5.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.200%	
7) Chloroethane-d5	1.904	69	83113	7.006	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 140.200%#	
11) 1,1-Dichloroethene-d2	2.554	65	28257	4.383	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 87.600%	
20) 2-Butanone-d5	4.727	46	181212	62.841	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	= 125.680%	
24) Chloroform-d	5.055	84	190693	7.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 144.800%#	
26) 1,2-Dichloroethane-d4	5.698	65	103629	8.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 163.400%#	
32) Benzene-d6	5.718	84	296226	5.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 114.800%	
36) 1,2-Dichloropropane-d6	6.682	67	116023	7.215	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 144.200%#	
41) Toluene-d8	7.894	98	175951	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 80.800%	
43) trans-1,3-Dichloroprop...	8.177	79	30544	5.463	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 109.200%	
46) 2-Hexanone-d5	8.640	63	151148	74.663	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 149.320%#	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	82261	7.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 151.400%#	
66) 1,2-Dichlorobenzene-d4	12.187	152	62028	6.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 125.600%#	

Target Compounds				Qvalue		
3) Chloromethane	1.509	50	2902	0.228	ug/L	95
5) Vinyl chloride	1.596	62	13364	1.179	ug/L #	8
8) Chloroethane	2.152	64	204751	28.965	ug/L #	51
12) 1,1-Dichloroethene	2.570	96	118166	13.460	ug/L #	73
14) Carbon disulfide	2.779	76	32061	1.307	ug/L	100
15) Methyl Acetate	2.998	43	62391	15.920	ug/L	96
16) Methylene chloride	3.033	84	7801	0.657	ug/L	89
17) Methyl tert-butyl Ether	3.370	73	5438	0.250	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	935	0.107	ug/L	87
19) 1,1-Dichloroethane	3.856	63	519508	26.422	ug/L	99
21) 2-Butanone	4.808	43	19406	7.914	ug/L #	68
22) cis-1,2-Dichloroethene	4.660	96	12762	1.258	ug/L	89
27) 1,2-Dichloroethane	5.795	62	9705	0.790	ug/L	98
33) Benzene	5.766	78	27001	0.650	ug/L	100
34) Trichloroethene	6.538	95	8106	0.743	ug/L	88
35) Methylcyclohexane	6.685	83	26540	1.829	ug/L #	15
37) 1,2-Dichloropropane	6.788	63	5595	0.475	ug/L #	94
42) Toluene	7.972	91	7733	0.189	ug/L	89
61) 1,2,3-Trichloropropane	11.811	75	6511	1.415	ug/L #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
Data File : VU057535.D
Acq On : 15 Jan 2024 17:25
Operator : MD/SY
Sample : P1062-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 00:37:38 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

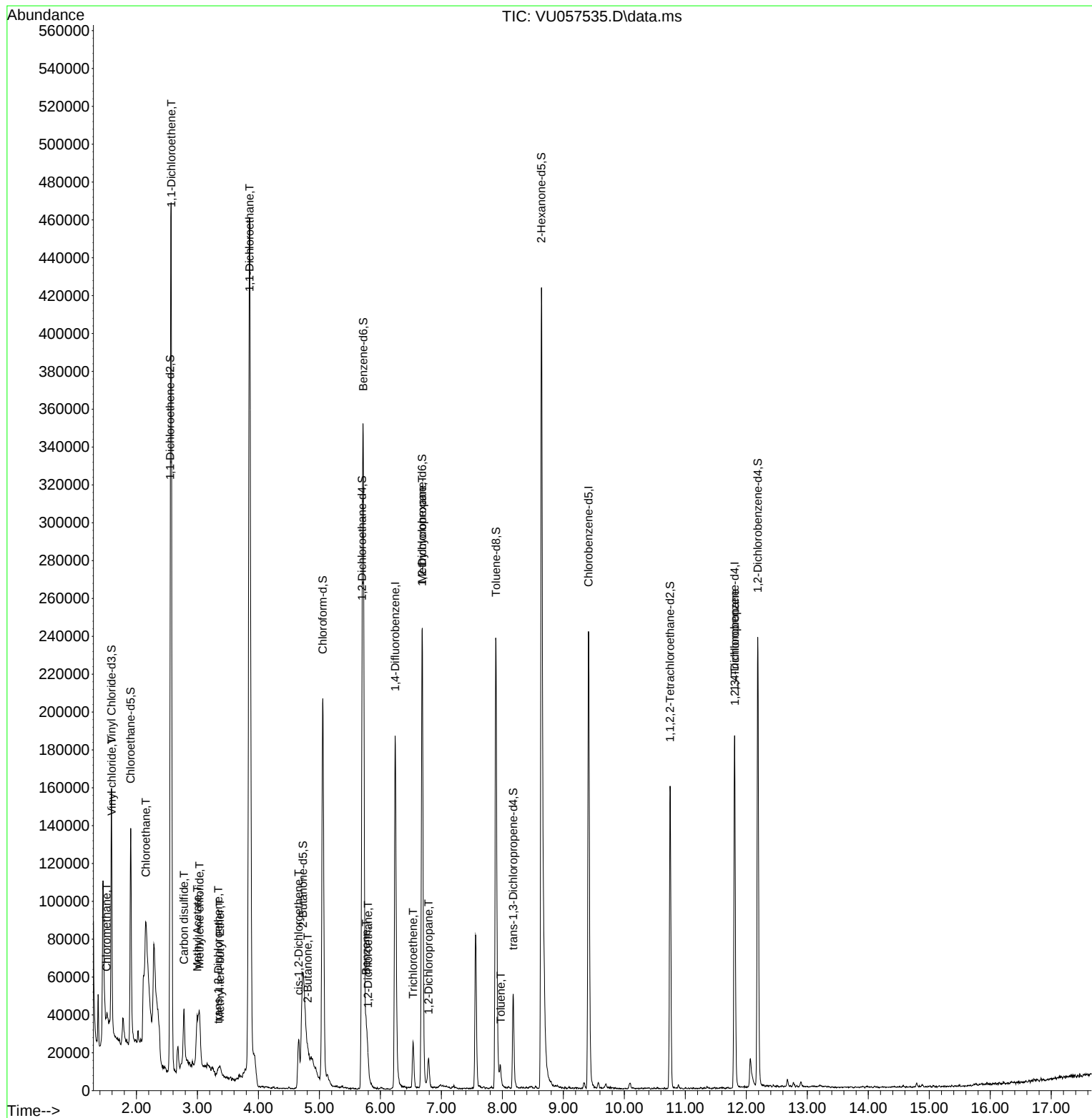
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

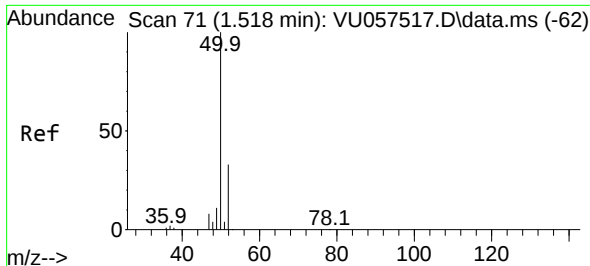
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
Data File : VU057535.D
Acq On : 15 Jan 2024 17:25
Operator : MD/SY
Sample : P1062-20
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 16 00:37:38 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

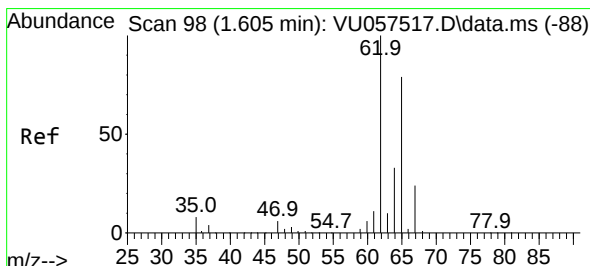
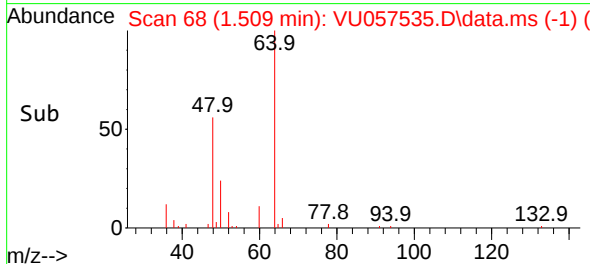
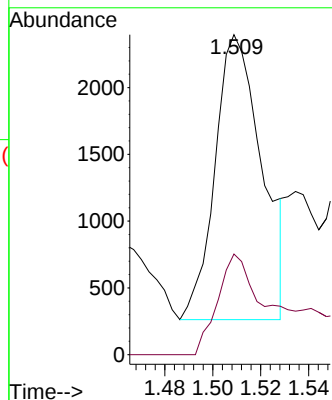
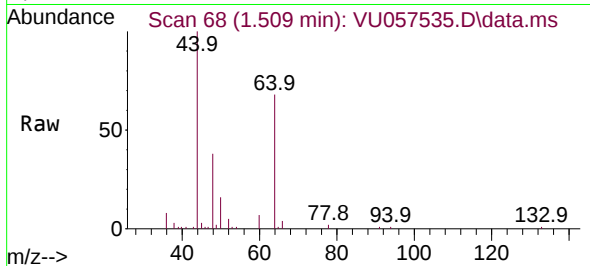




#3
Chloromethane
Concen: 0.228 ug/L
RT: 1.509 min Scan# 61
Delta R.T. -0.009 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

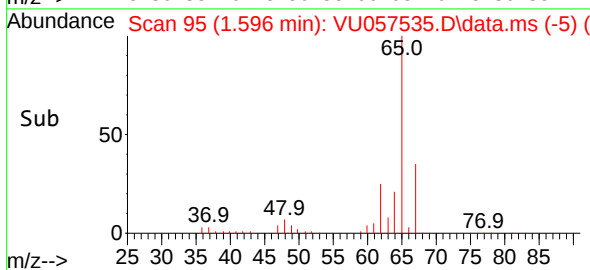
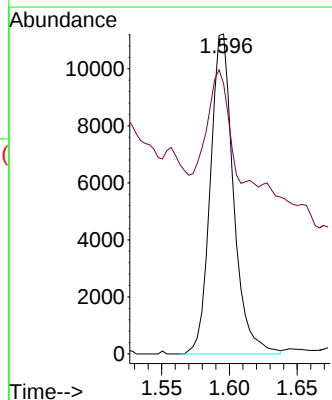
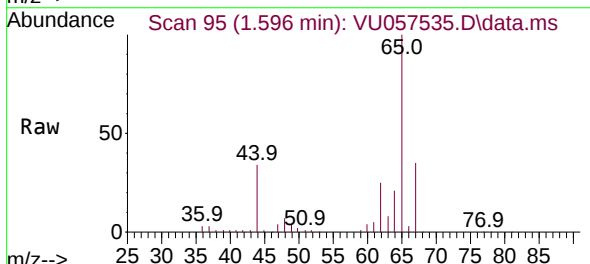
Instrument :
MSVOA_U
ClientSampleId :

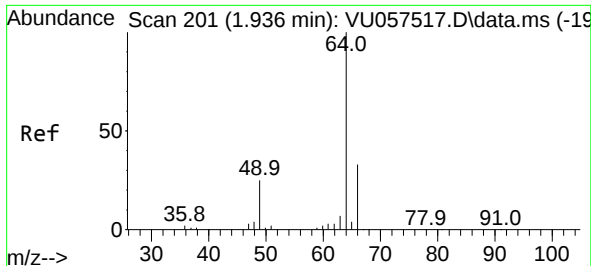
Tgt Ion: 50 Resp: 2902
Ion Ratio Lower Upper
50 100
52 31.4 24.1 44.7



#5
Vinyl chloride
Concen: 1.179 ug/L
RT: 1.596 min Scan# 95
Delta R.T. -0.009 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Tgt Ion: 62 Resp: 13364
Ion Ratio Lower Upper
62 100
64 84.5 22.9 42.5#





#8

Chloroethane

Concen: 28.965 ug/L

RT: 2.152 min Scan# 201

Delta R.T. 0.216 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

Instrument :

MSVOA_U

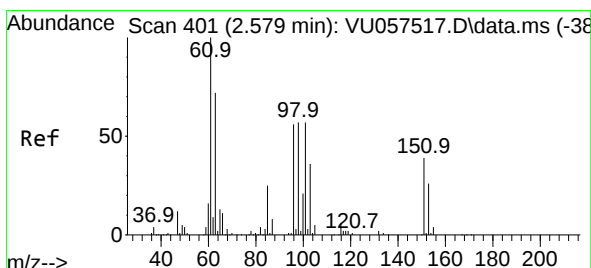
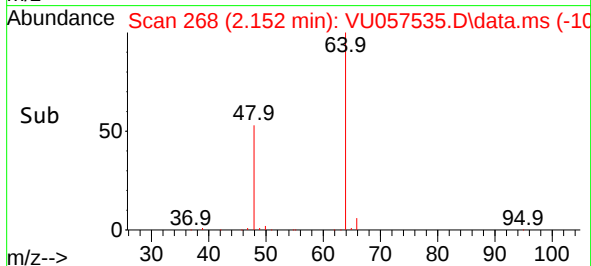
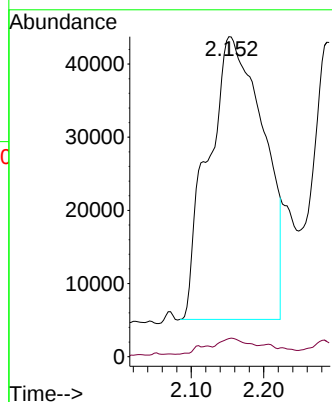
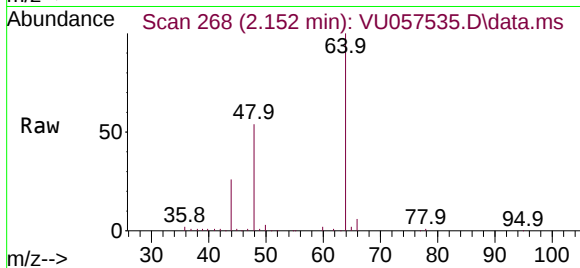
ClientSampleId :

Tgt Ion: 64 Resp: 204751

Ion Ratio Lower Upper

64 100

66 5.7 23.3 43.3#



#12

1,1-Dichloroethene

Concen: 13.460 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.009 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

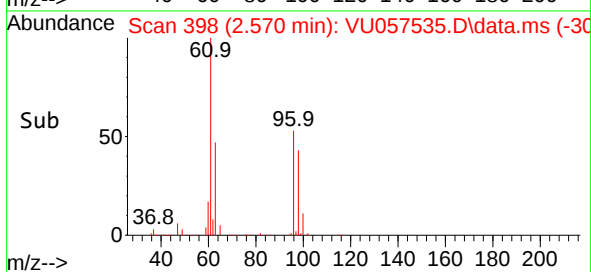
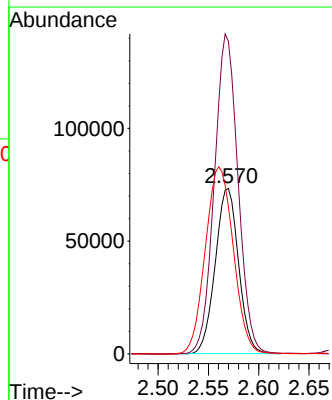
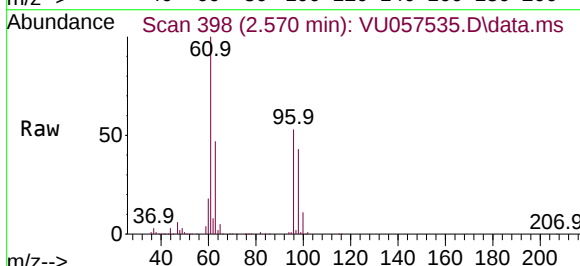
Tgt Ion: 96 Resp: 118166

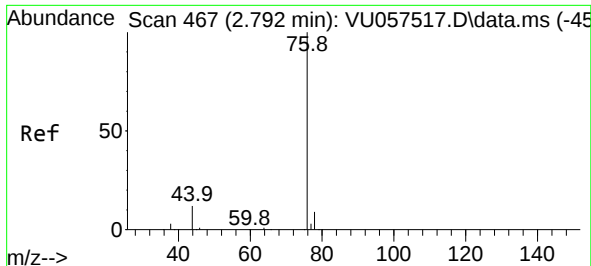
Ion Ratio Lower Upper

96 100

61 188.9 130.9 243.1

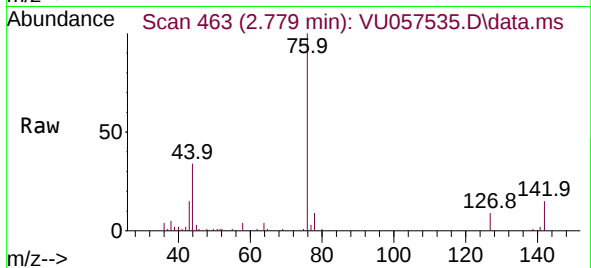
63 89.2 114.8 213.2#



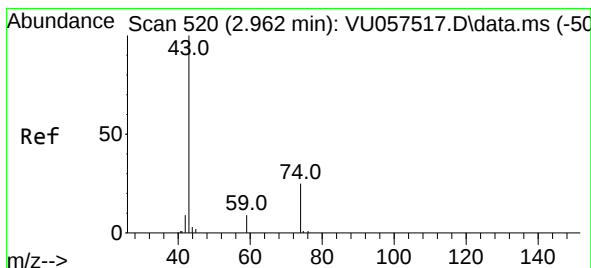
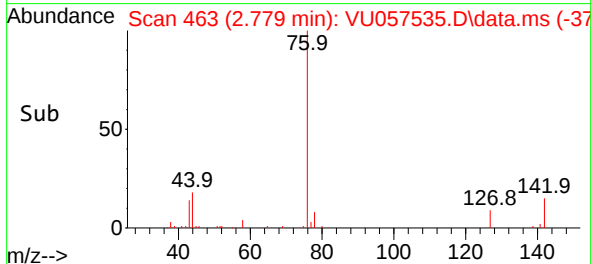
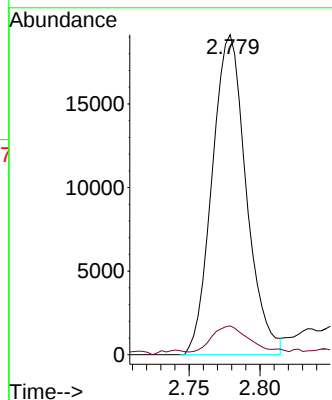


#14
Carbon disulfide
Concen: 1.307 ug/L
RT: 2.779 min Scan# 41
Delta R.T. -0.013 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Instrument :
MSVOA_U
ClientSampleId :

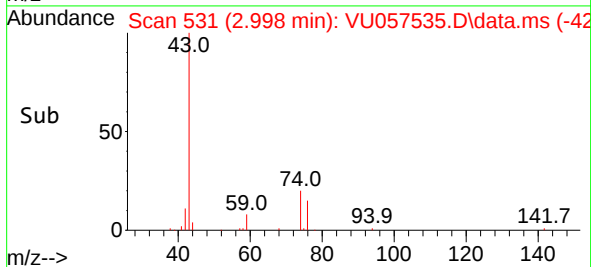
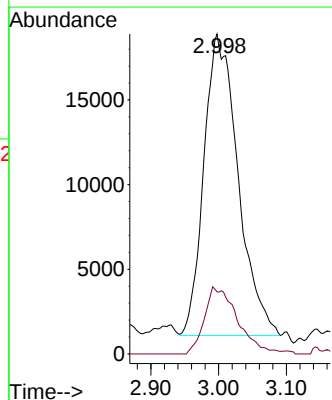
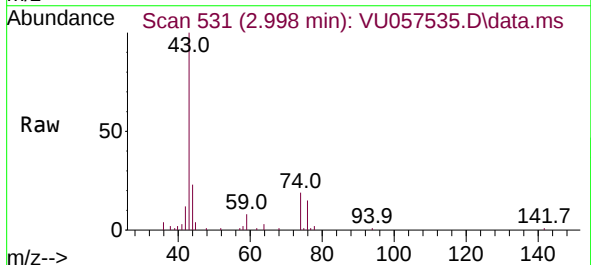


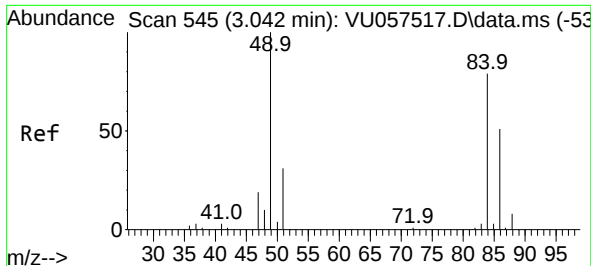
Tgt Ion: 76 Resp: 32061
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#15
Methyl Acetate
Concen: 15.920 ug/L
RT: 2.998 min Scan# 531
Delta R.T. 0.036 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Tgt Ion: 43 Resp: 62391
Ion Ratio Lower Upper
43 100
74 21.5 18.6 27.8

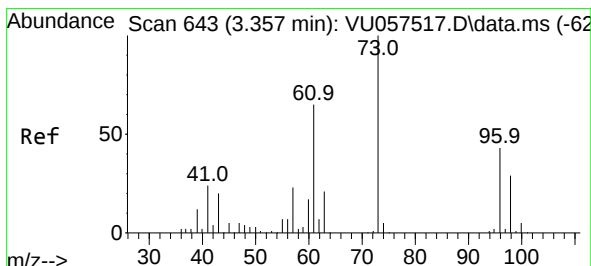
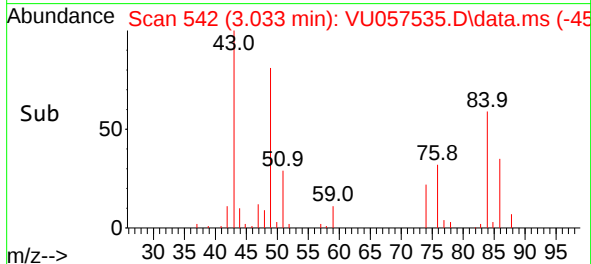
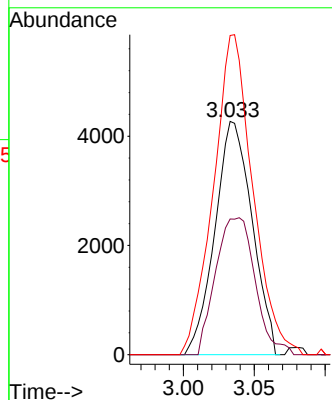
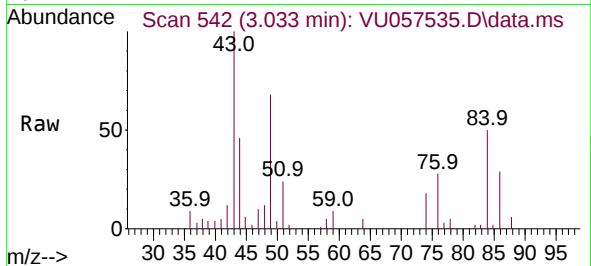




#16
Methylene chloride
Concen: 0.657 ug/L
RT: 3.033 min Scan# 54
Delta R.T. -0.009 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

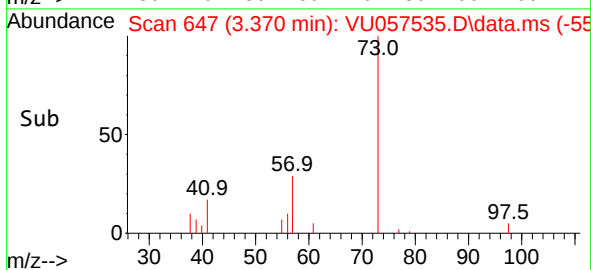
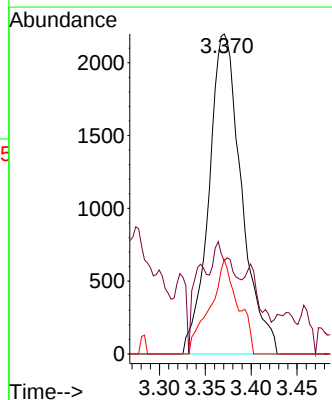
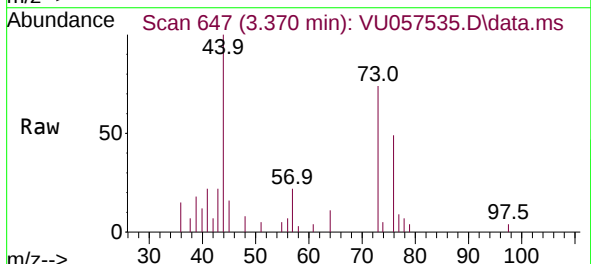
Instrument :
MSVOA_U
ClientSampleId :

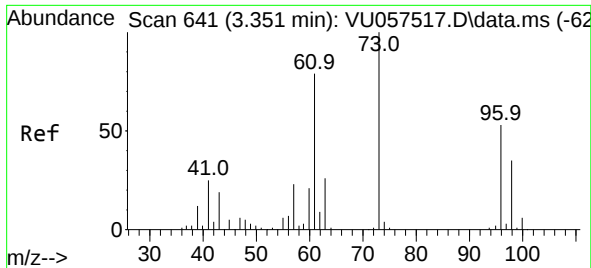
Tgt Ion: 84 Resp: 7801
Ion Ratio Lower Upper
84 100
86 58.2 45.8 85.2
49 136.9 86.7 161.1



#17
Methyl tert-butyl Ether
Concen: 0.250 ug/L
RT: 3.370 min Scan# 647
Delta R.T. 0.013 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

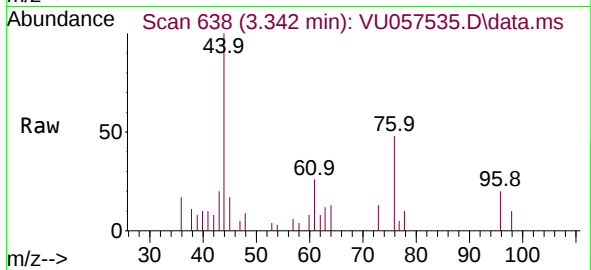
Tgt Ion: 73 Resp: 5438
Ion Ratio Lower Upper
73 100
43 19.7 16.1 24.1
57 25.3 18.2 27.4



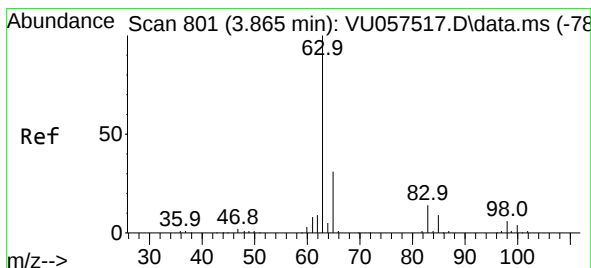
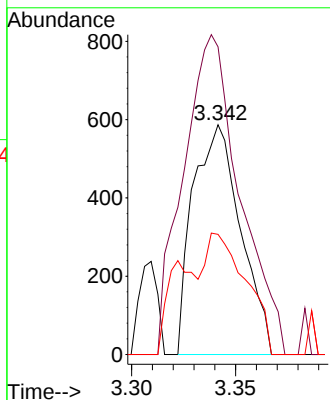
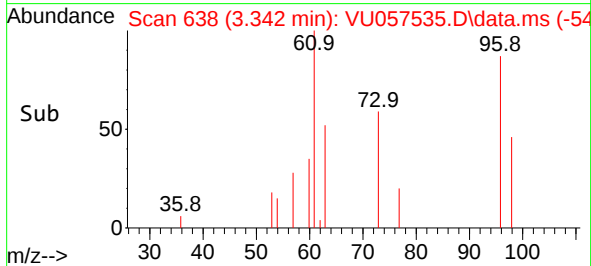


#18
trans-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 3.342 min Scan# 61
Delta R.T. -0.009 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

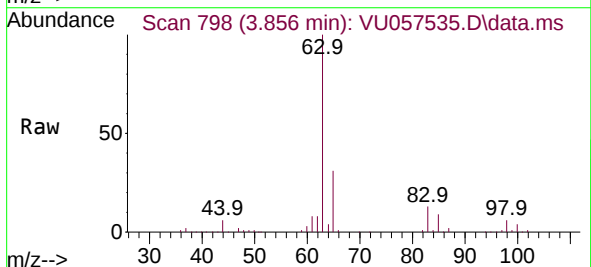
Instrument :
MSVOA_U
ClientSampleId :



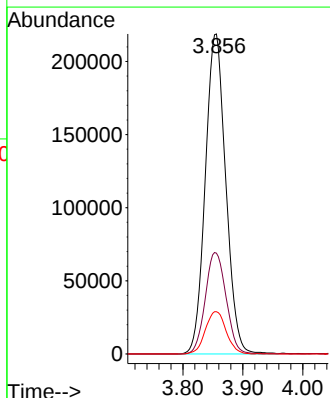
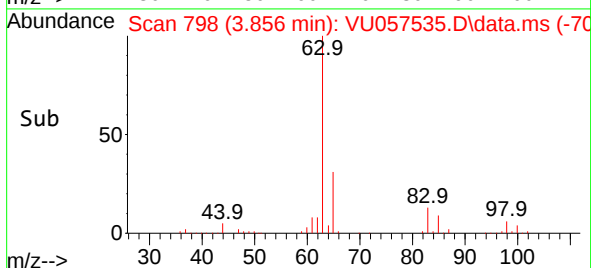
Tgt Ion: 96 Resp: 935
Ion Ratio Lower Upper
96 100
61 133.9 105.1 195.3
98 52.3 43.7 81.1

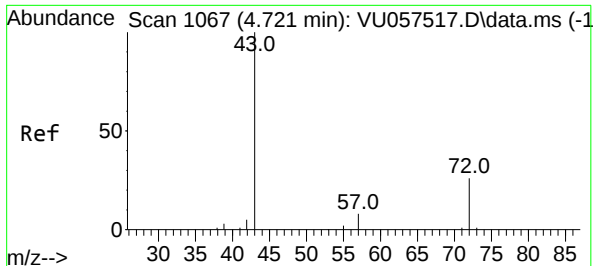


#19
1,1-Dichloroethane
Concen: 26.422 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.009 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25



Tgt Ion: 63 Resp: 519508
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 13.2 9.1 16.9





#21

2-Butanone

Concen: 7.914 ug/L

RT: 4.808 min Scan# 1094

Delta R.T. 0.087 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

Instrument :

MSVOA_U

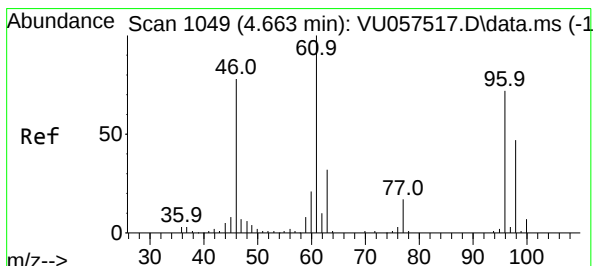
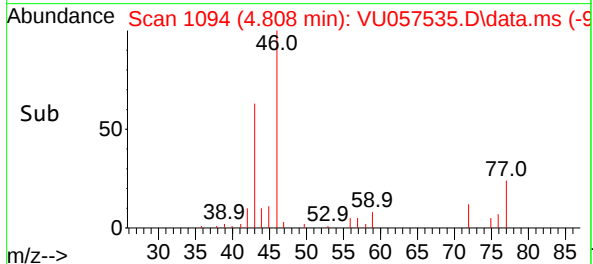
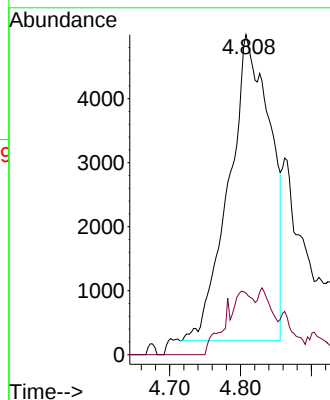
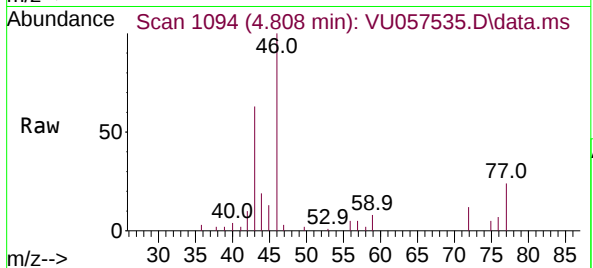
ClientSampleId :

Tgt Ion: 43 Resp: 19406

Ion Ratio Lower Upper

43 100

72 9.2 12.7 38.0#



#22

cis-1,2-Dichloroethene

Concen: 1.258 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

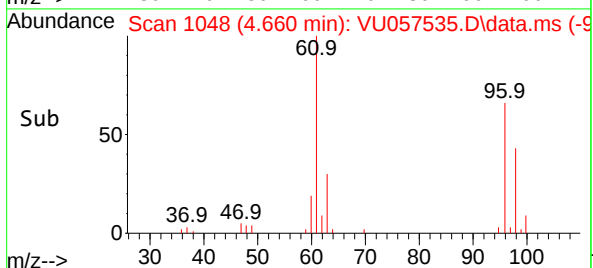
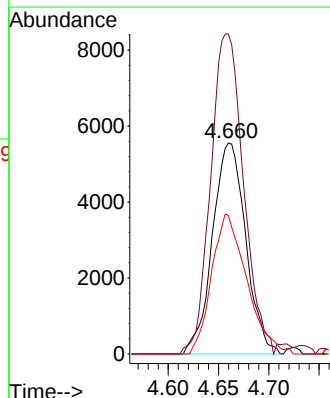
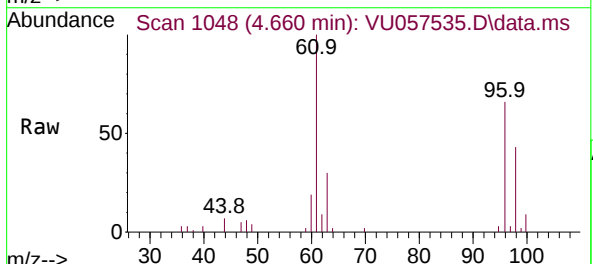
Tgt Ion: 96 Resp: 12762

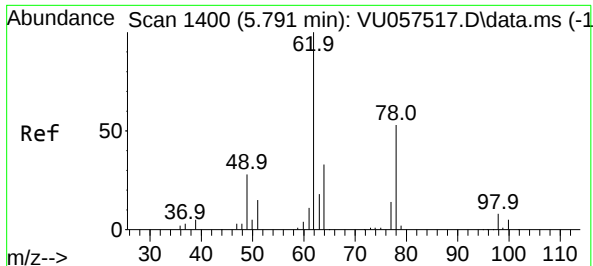
Ion Ratio Lower Upper

96 100

61 151.7 93.4 173.4

98 65.7 44.9 83.3

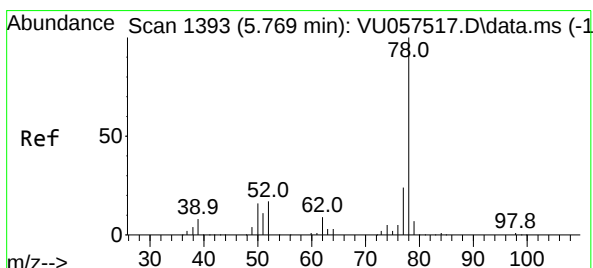
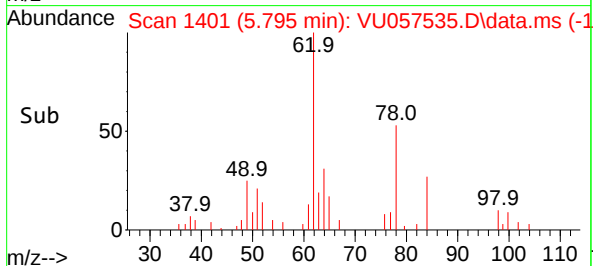
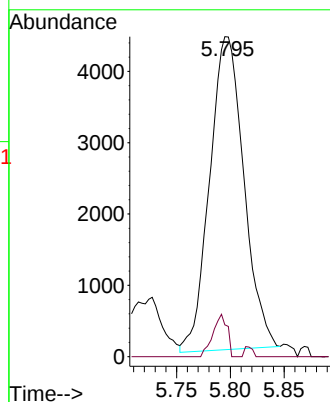
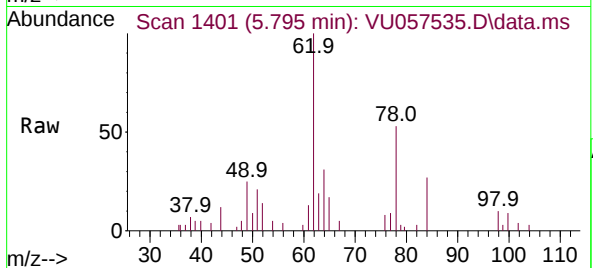




#27
1,2-Dichloroethane
Concen: 0.790 ug/L
RT: 5.795 min Scan# 1400
Delta R.T. 0.003 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

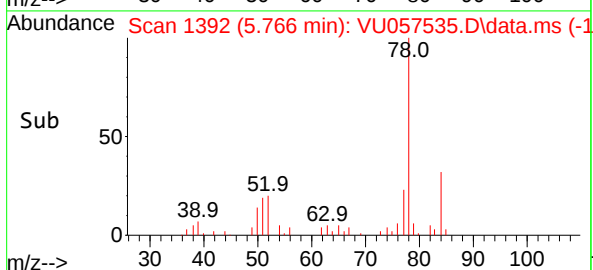
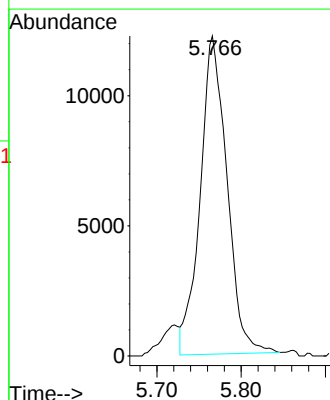
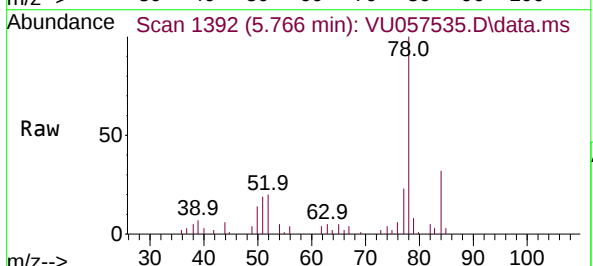
Instrument :
MSVOA_U
ClientSampleId :

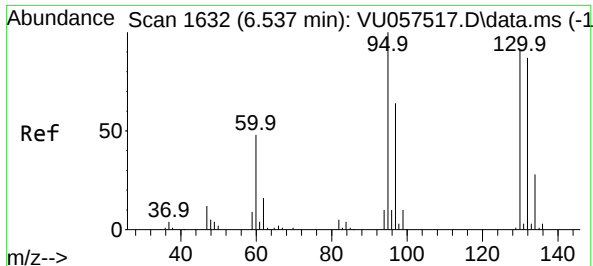
Tgt Ion: 62 Resp: 9705
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.0



#33
Benzene
Concen: 0.650 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Tgt Ion: 78 Resp: 27001

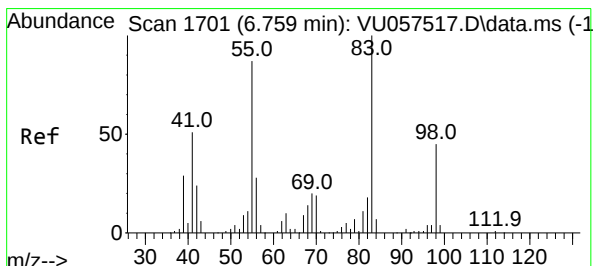
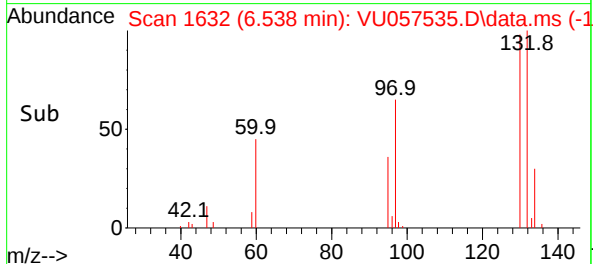
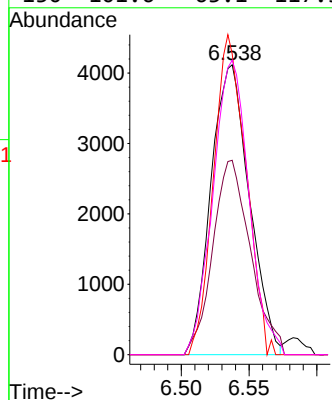
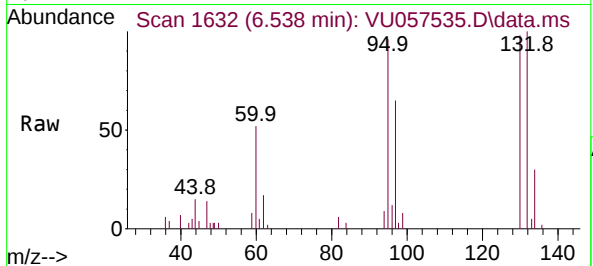




#34
Trichloroethene
Concen: 0.743 ug/L
RT: 6.538 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

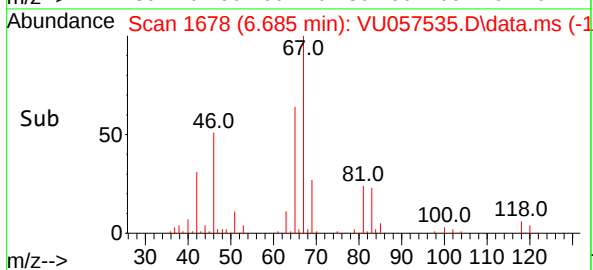
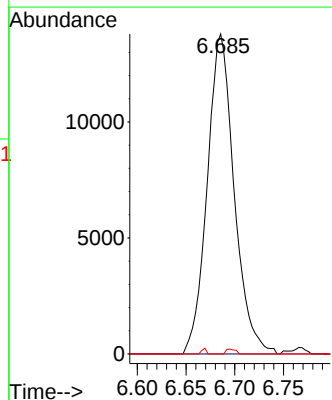
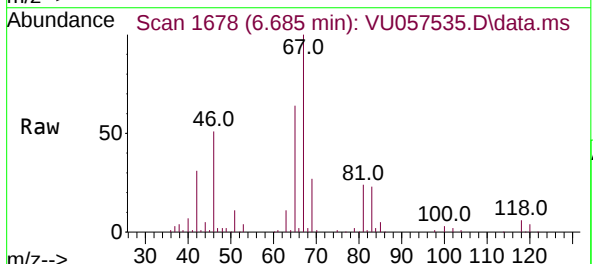
Instrument :
MSVOA_U
ClientSampleId :

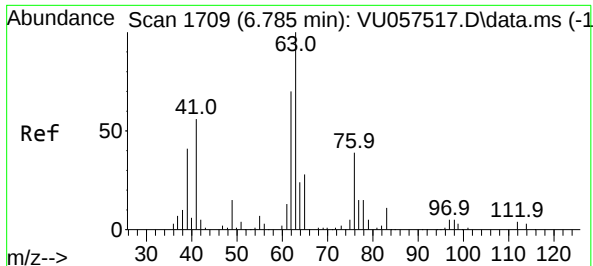
Tgt Ion: 95 Resp: 8106
Ion Ratio Lower Upper
95 100
97 67.0 45.0 83.6
132 103.8 61.7 114.5
130 101.6 63.1 117.3



#35
Methylcyclohexane
Concen: 1.829 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Tgt Ion: 83 Resp: 26540
Ion Ratio Lower Upper
83 100
55 0.0 68.7 103.1#
98 0.5 36.3 54.5#





#37

1,2-Dichloropropane

Concen: 0.475 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU057535.D

Acq: 15 Jan 2024 17:25

Instrument :

MSVOA_U

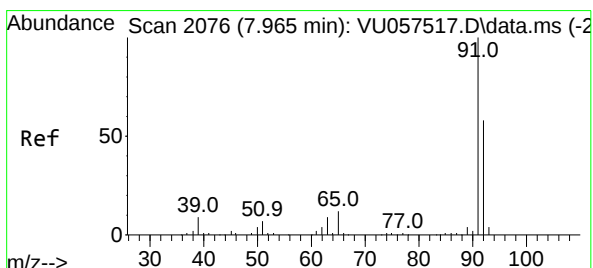
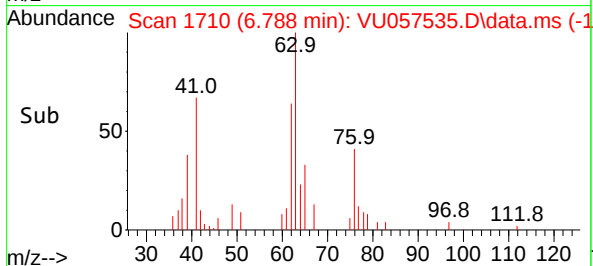
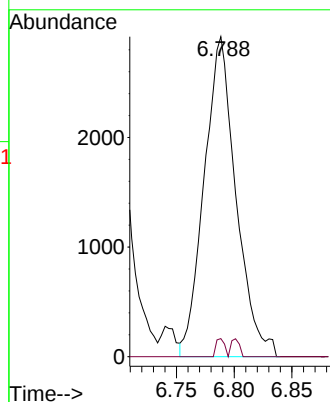
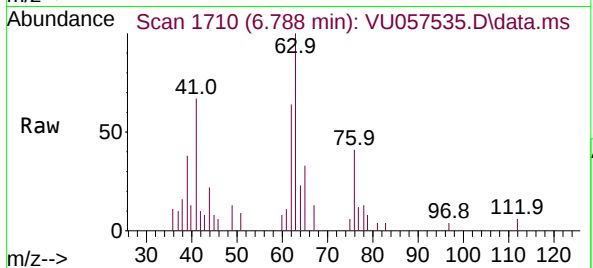
ClientSampleId :

Tgt Ion: 63 Resp: 5595

Ion Ratio Lower Upper

63 100

112 1.5 2.7 4.1#



#42

Toluene

Concen: 0.189 ug/L

RT: 7.972 min Scan# 2078

Delta R.T. 0.007 min

Lab File: VU057535.D

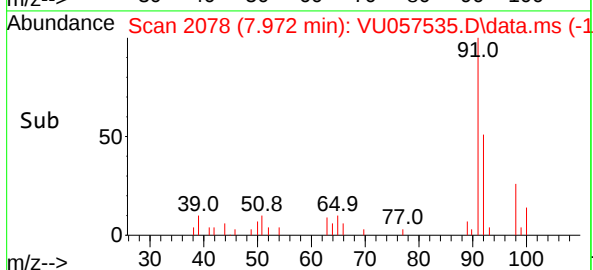
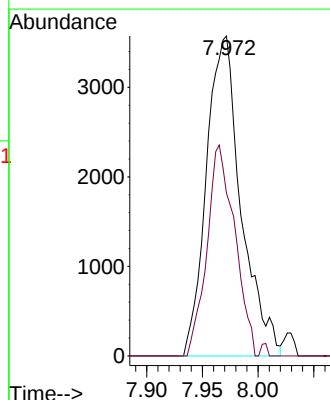
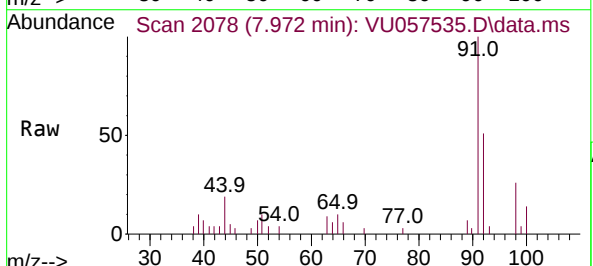
Acq: 15 Jan 2024 17:25

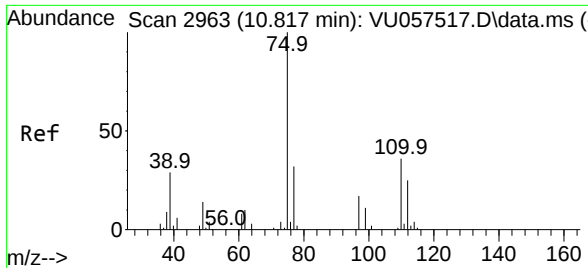
Tgt Ion: 91 Resp: 7733

Ion Ratio Lower Upper

91 100

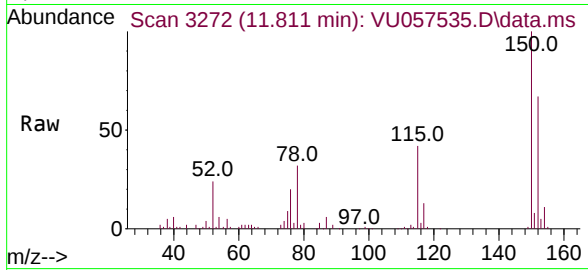
92 50.9 41.2 76.4





#61
1,2,3-Trichloropropane
Concen: 1.415 ug/L
RT: 11.811 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU057535.D
Acq: 15 Jan 2024 17:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	6511
Ion	Ratio	Lower	Upper
75	100		
110	1.6	29.4	44.0#
77	34.1	26.2	39.4

