

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055541.D
 Acq On : 27 Sep 2023 01:56
 Operator : MD/SY
 Sample : 04530-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:38:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

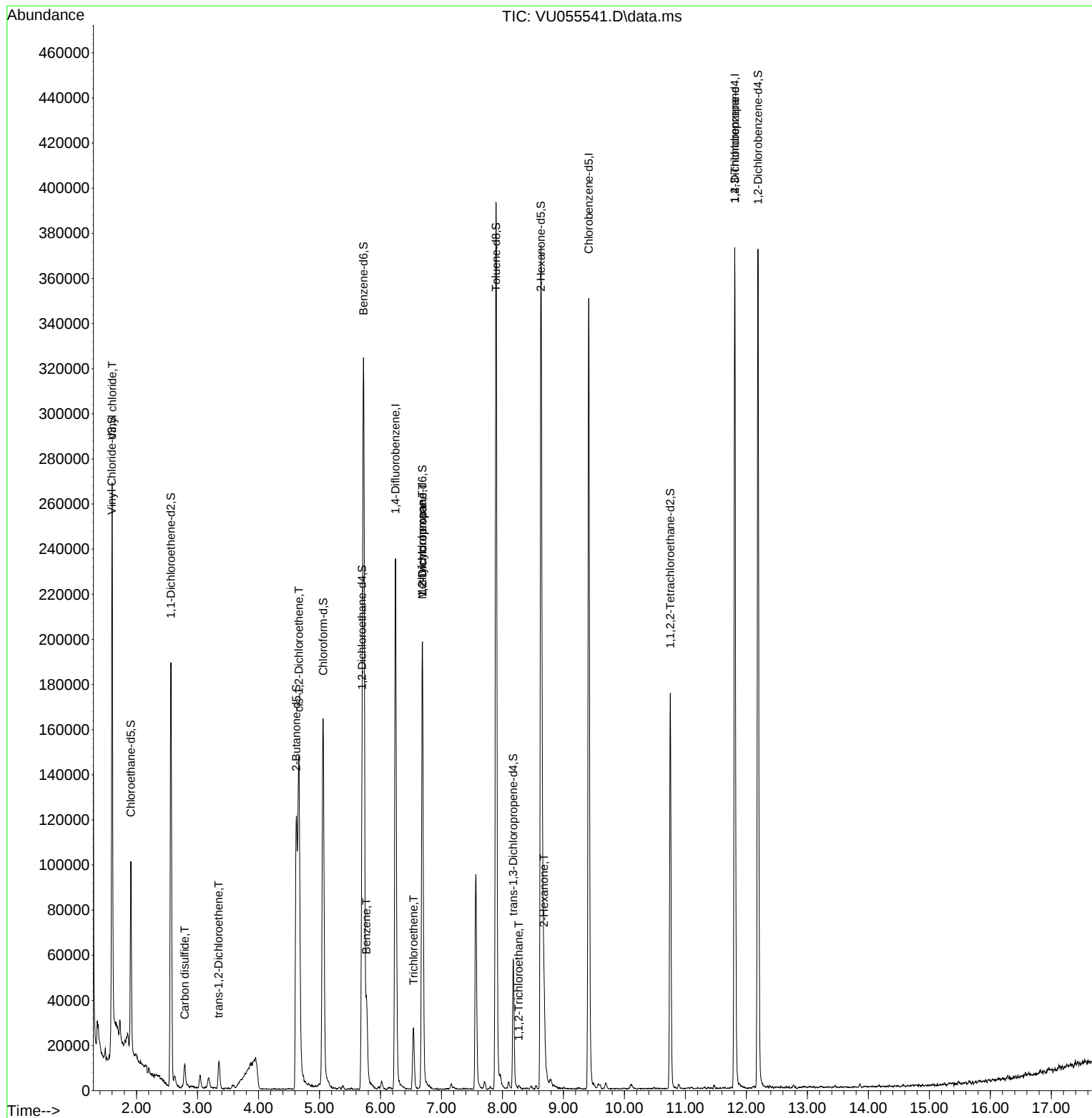
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	201926	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	212040	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	106104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	82700	4.052	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.000%	
7) Chloroethane-d5	1.907	69	61295	3.408	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	68.200%	
11) 1,1-Dichloroethene-d2	2.563	65	35247	4.196	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.621	46	185566	50.340	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.680%	
24) Chloroform-d	5.062	84	163430	4.427	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.698	65	85081	4.792	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.724	84	324985	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.689	67	100956	4.556	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.200%	
41) Toluene-d8	7.894	98	281086	4.158	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	8.177	79	35360	4.547	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.631	63	121199	51.238	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.480%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90515	5.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	109.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	103549	4.835	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
5) Vinyl chloride	1.602	62	108105	5.794	ug/L #	81
14) Carbon disulfide	2.792	76	11558	0.272	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	5576	0.392	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	70448	4.270	ug/L	97
33) Benzene	5.772	78	33991	0.557	ug/L	100
34) Trichloroethene	6.544	95	10097	0.585	ug/L	90
35) Methylcyclohexane	6.685	83	24397	0.981	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	10520	0.659	ug/L #	88
45) 1,1,2-Trichloroethane	8.267	97	1148	0.103	ug/L #	14
48) 2-Hexanone	8.682	43	23825	4.246	ug/L #	84
61) 1,2,3-Trichloropropane	11.811	75	11234	1.356	ug/L #	66

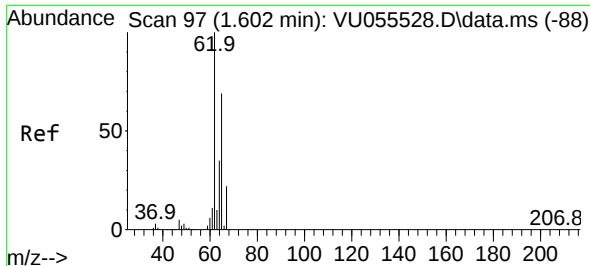
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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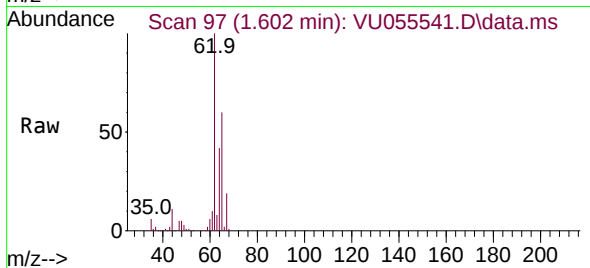
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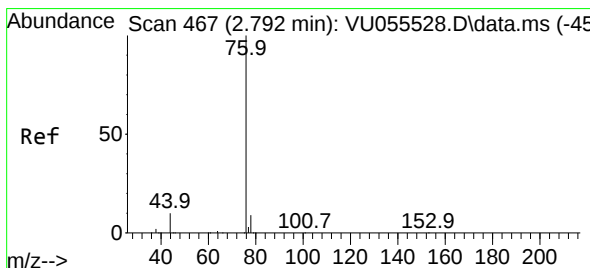
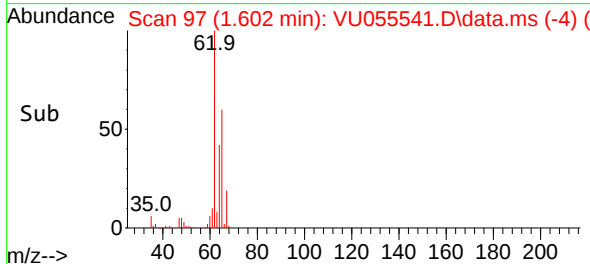
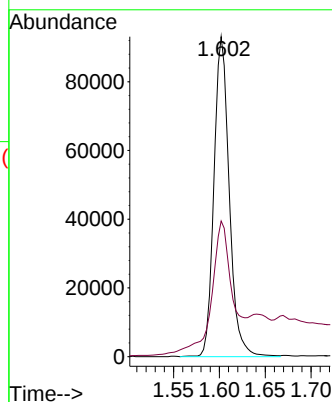


#5
 Vinyl chloride
 Concen: 5.794 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055541.D
 Acq: 27 Sep 2023 01:56

Instrument :
 MSVOA_U
 ClientSampleId :

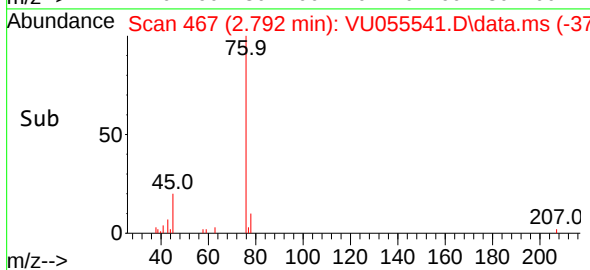
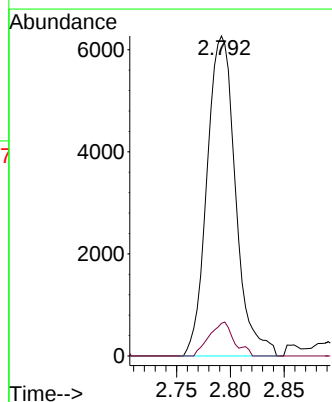
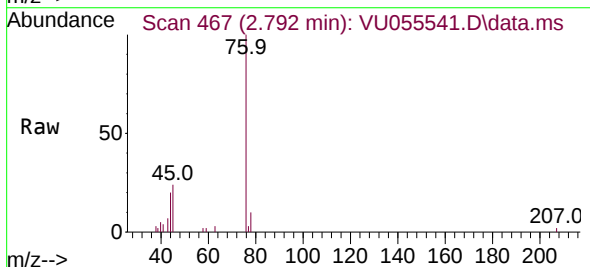


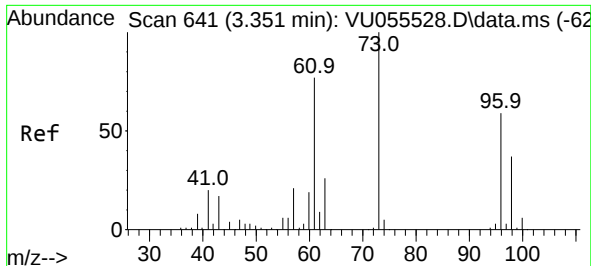
Tgt Ion: 62 Resp: 108105
 Ion Ratio Lower Upper
 62 100
 64 42.4 22.3 41.5#



#14
 Carbon disulfide
 Concen: 0.272 ug/L
 RT: 2.792 min Scan# 467
 Delta R.T. 0.000 min
 Lab File: VU055541.D
 Acq: 27 Sep 2023 01:56

Tgt Ion: 76 Resp: 11558
 Ion Ratio Lower Upper
 76 100
 78 10.2 7.7 11.5





#18

trans-1,2-Dichloroethene

Concen: 0.392 ug/L

RT: 3.348 min Scan# 641

Delta R.T. -0.003 min

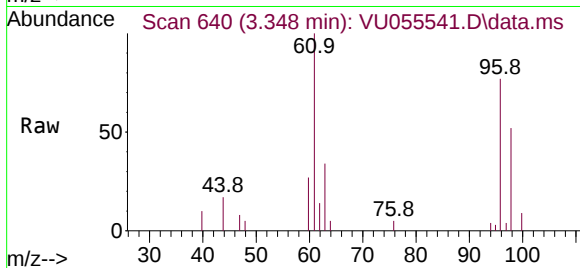
Lab File: VU055541.D

Acq: 27 Sep 2023 01:56

Instrument :

MSVOA_U

ClientSampleId :



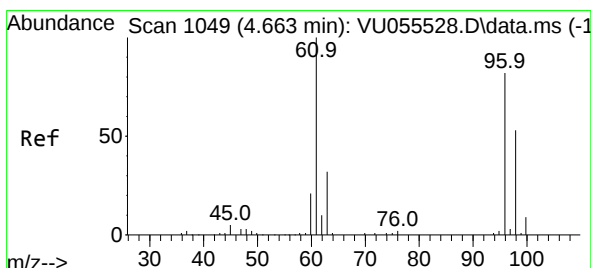
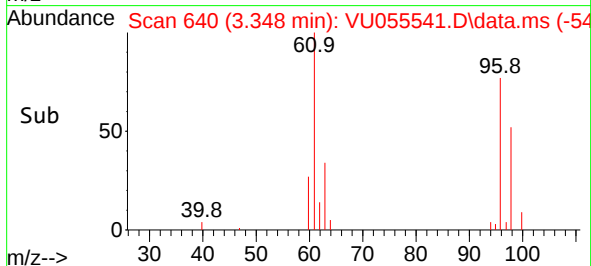
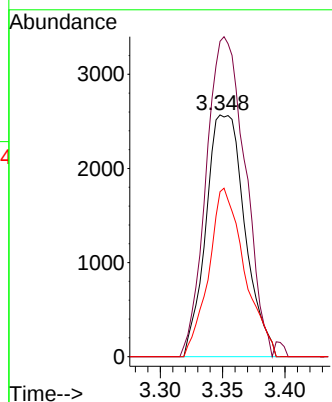
Tgt Ion: 96 Resp: 5576

Ion Ratio Lower Upper

96 100

61 130.5 94.6 175.6

98 68.3 45.7 84.9



#22

cis-1,2-Dichloroethene

Concen: 4.270 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055541.D

Acq: 27 Sep 2023 01:56

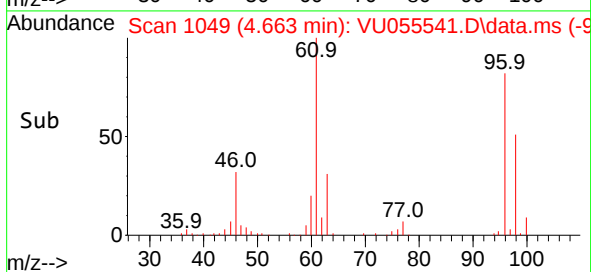
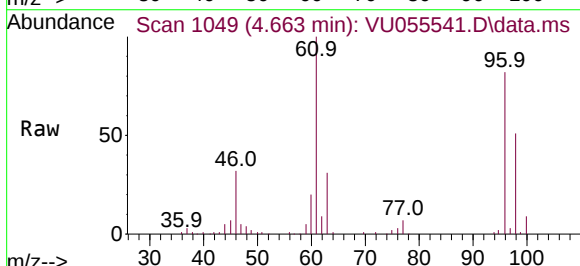
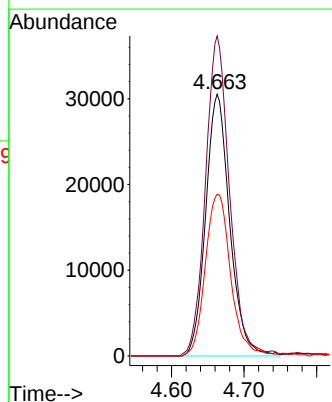
Tgt Ion: 96 Resp: 70448

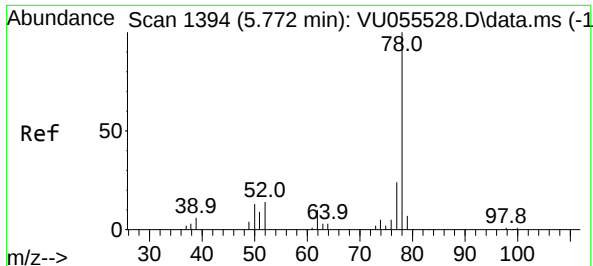
Ion Ratio Lower Upper

96 100

61 122.2 87.8 163.2

98 61.8 44.4 82.4

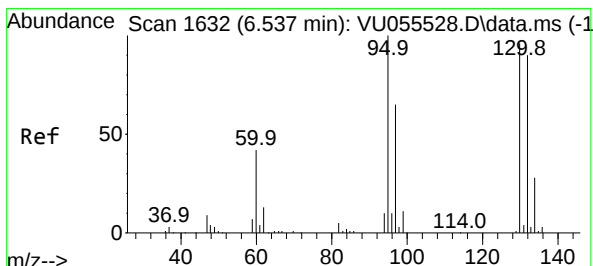
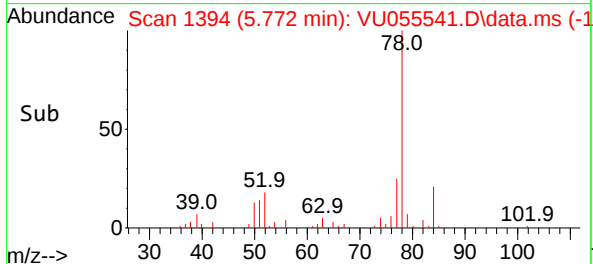
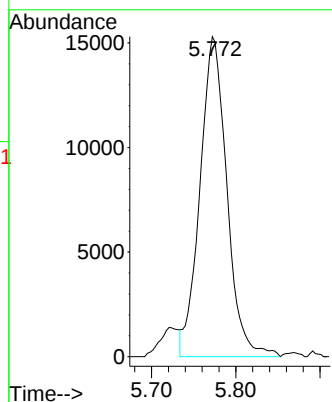
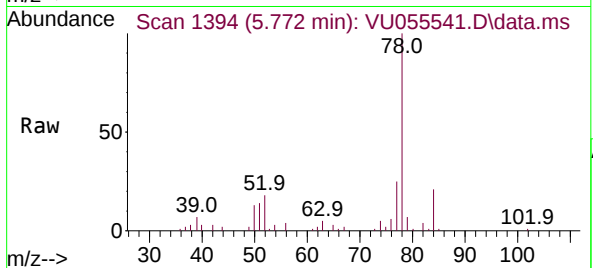




#33
Benzene
Concen: 0.557 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

Instrument :
MSVOA_U
ClientSampleId :

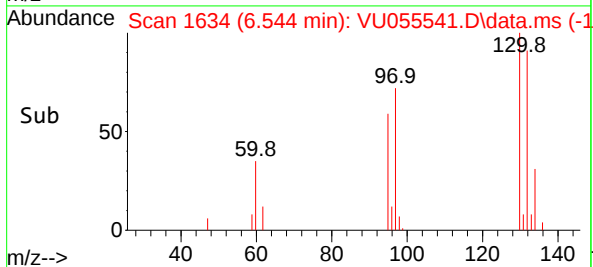
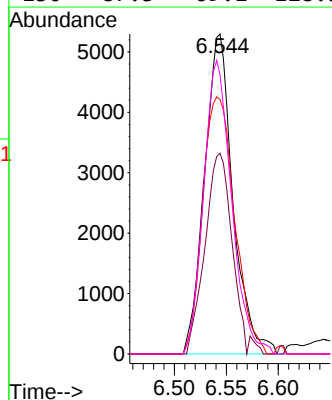
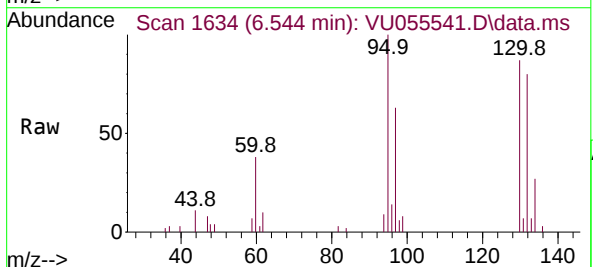
Tgt Ion: 78 Resp: 33991

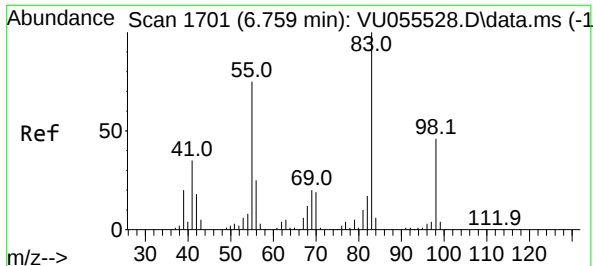


#34
Trichloroethene
Concen: 0.585 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.006 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

Tgt Ion: 95 Resp: 10097

Ion	Ratio	Lower	Upper
95	100		
97	62.7	45.4	84.2
132	79.5	65.2	121.2
130	87.3	69.1	128.3

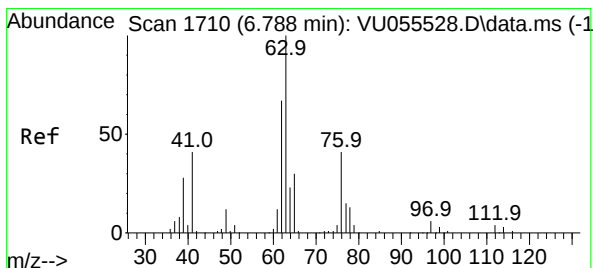
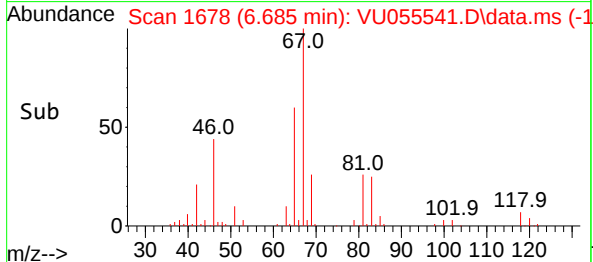
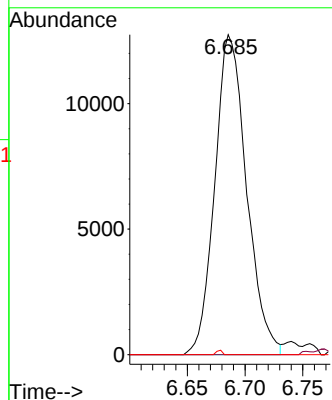
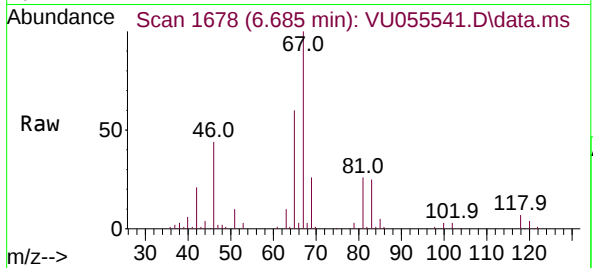




#35
Methylcyclohexane
Concen: 0.981 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

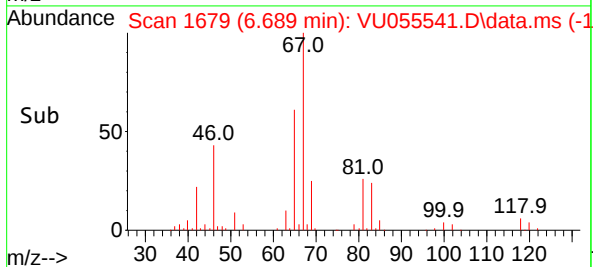
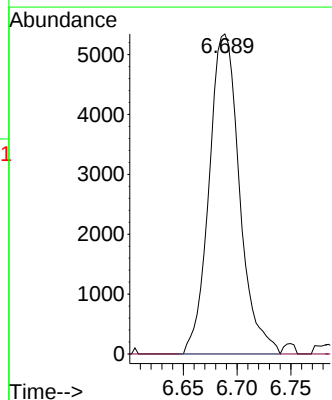
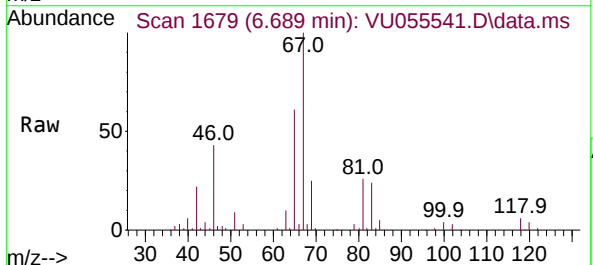
Instrument :
MSVOA_U
ClientSampleId :

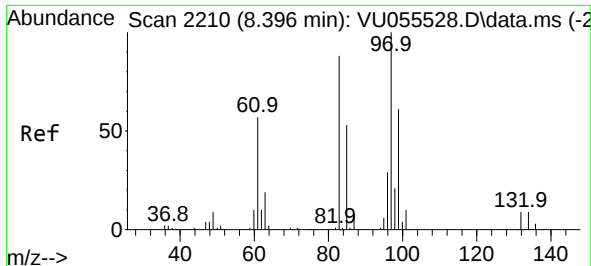
Tgt Ion: 83 Resp: 24397
Ion Ratio Lower Upper
83 100
55 0.4 59.1 88.7#
98 0.3 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

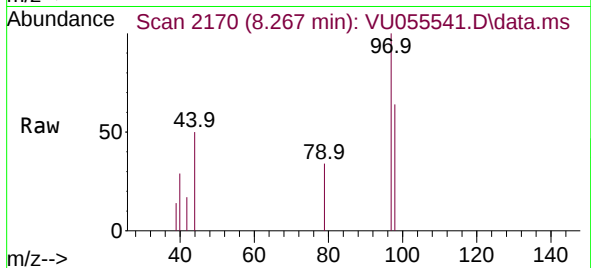
Tgt Ion: 63 Resp: 10520
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



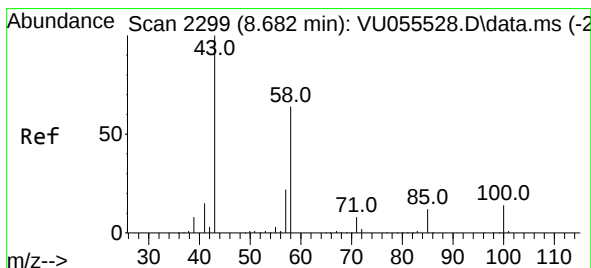
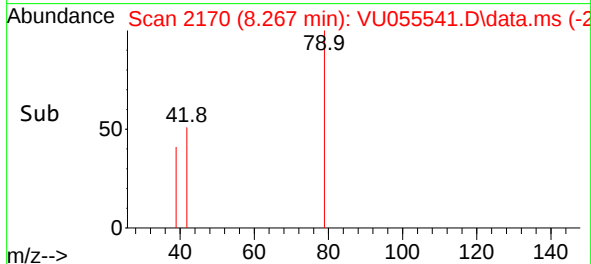
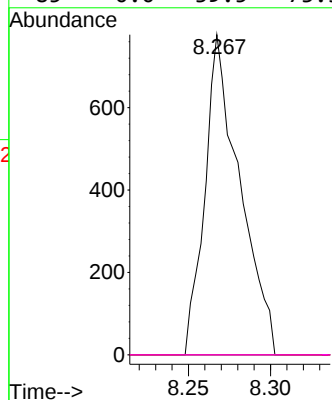


#45
1,1,2-Trichloroethane
Concen: 0.103 ug/L
RT: 8.267 min Scan# 2170
Delta R.T. -0.129 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

Instrument :
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ClientSampleId :

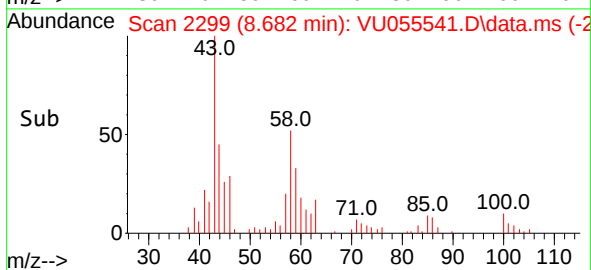
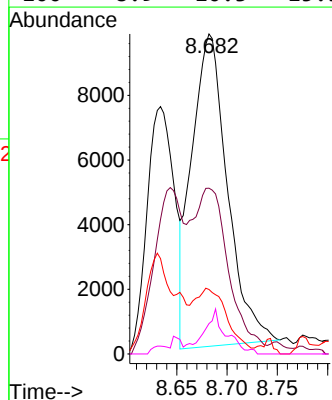
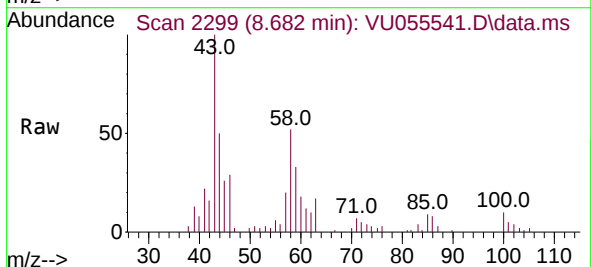


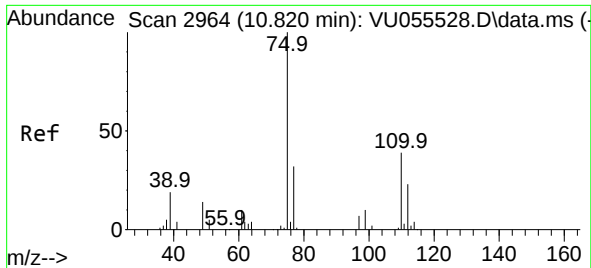
Tgt Ion:	97	Resp:	1148
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	0.0	61.5	114.1#
85	0.0	39.5	73.3#



#48
2-Hexanone
Concen: 4.246 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055541.D
Acq: 27 Sep 2023 01:56

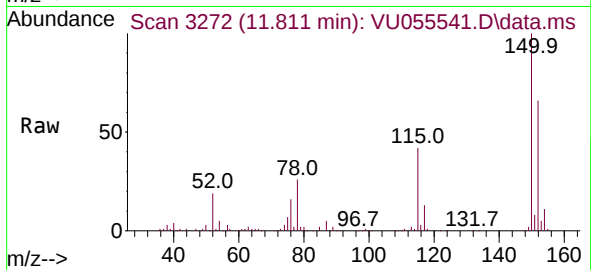
Tgt Ion:	43	Resp:	23825
Ion	Ratio	Lower	Upper
43	100		
58	44.2	48.5	72.7#
57	19.3	17.0	25.4
100	8.9	10.3	15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.356 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055541.D
 Acq: 27 Sep 2023 01:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.3	30.6	45.8#
77	36.5	26.7	40.1

