

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092223\
 Data File : VU055472.D
 Acq On : 22 Sep 2023 20:17
 Operator : MD/SY
 Sample : 04579-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 01:13:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 25 01:08:17 2023
 Response via : Initial Calibration

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

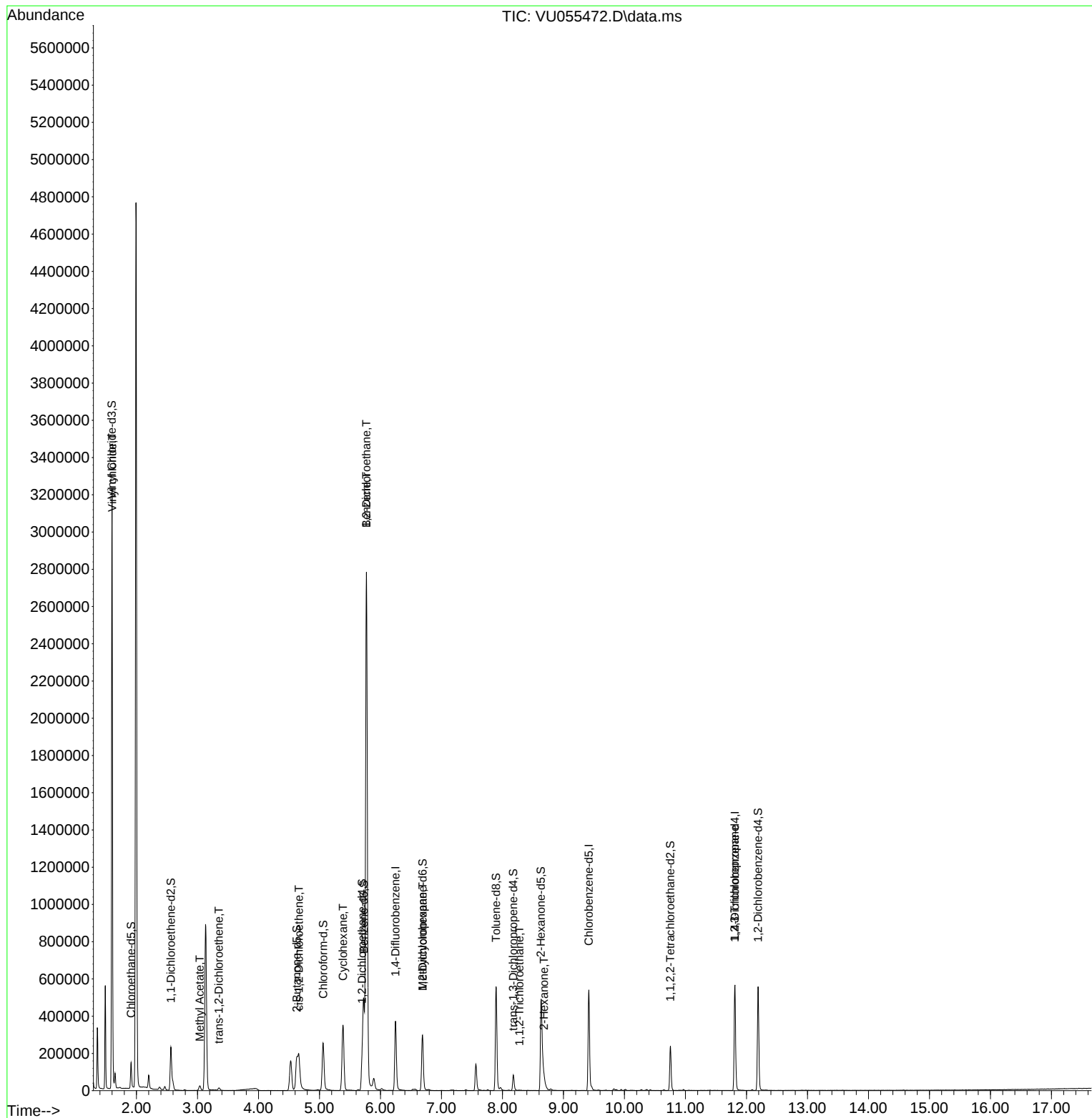
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	306648	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	306663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	155492	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	97537	3.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.911	69	98693	3.613	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.563	65	44963	3.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.628	46	298638	53.347	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.700%
24) Chloroform-d	5.058	84	243356	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.698	65	126921	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.724	84	474582	4.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.689	67	146555	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.894	98	387799	3.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	49517	4.403	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.631	63	156045	45.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	117569	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	147781	4.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	37938	1.339	ug/L	92
15) Methyl Acetate	3.036	43	14002	1.925	ug/L #	47
18) trans-1,2-Dichloroethene	3.351	96	3830	0.177	ug/L	86
22) cis-1,2-Dichloroethene	4.663	96	69669	2.781	ug/L	100
27) 1,2-Dichloroethane	5.769	62	27658	1.066	ug/L #	76
30) Cyclohexane	5.386	56	170308	5.322	ug/L	99
33) Benzene	5.769	78	2735125	30.988	ug/L	100
35) Methylcyclohexane	6.689	83	36239	1.008	ug/L #	20
45) 1,1,2-Trichloroethane	8.277	97	1561	0.096	ug/L #	14
48) 2-Hexanone	8.682	43	41863	5.159	ug/L #	85
61) 1,2,3-Trichloropropane	11.807	75	18315	1.509	ug/L #	69

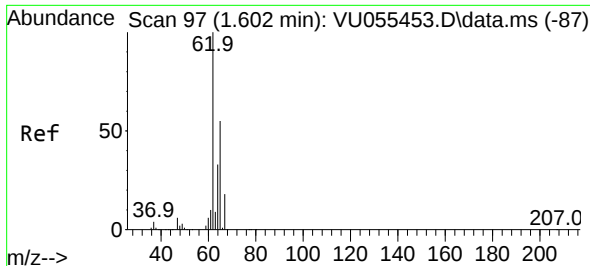
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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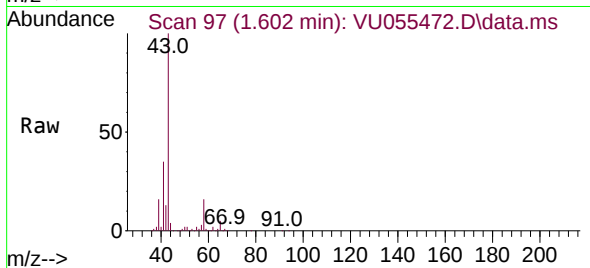
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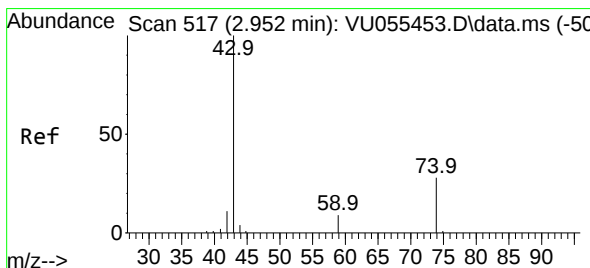
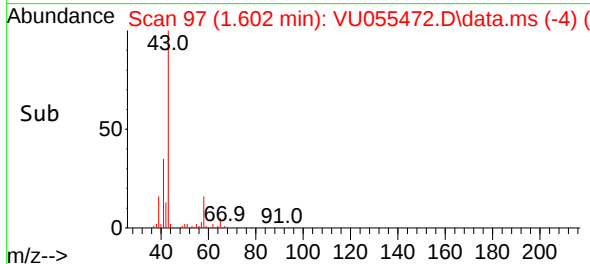
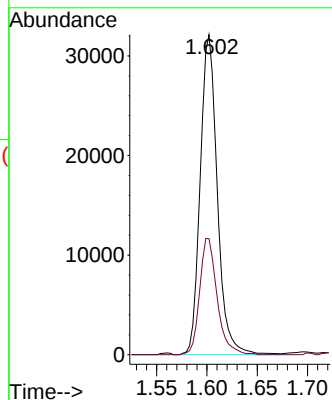


#5
 Vinyl chloride
 Concen: 1.339 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055472.D
 Acq: 22 Sep 2023 20:17

Instrument :
 MSVOA_U
 ClientSampleId :

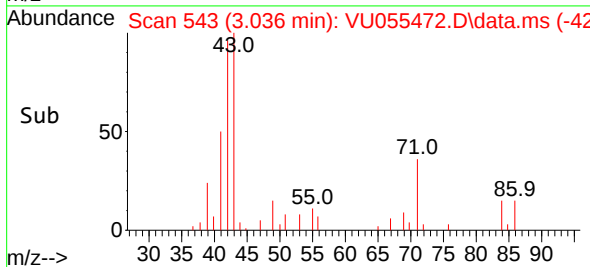
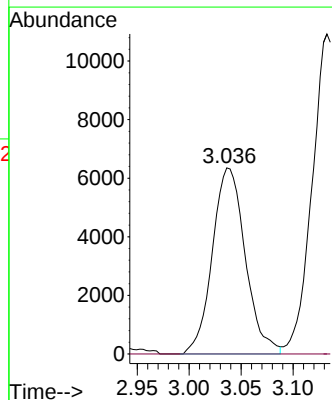
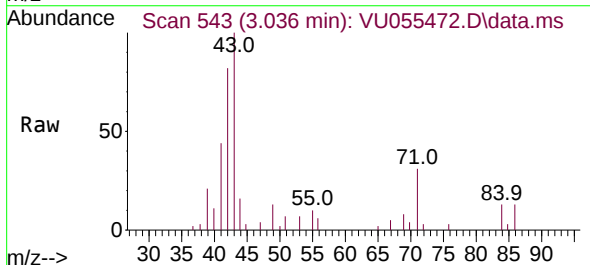


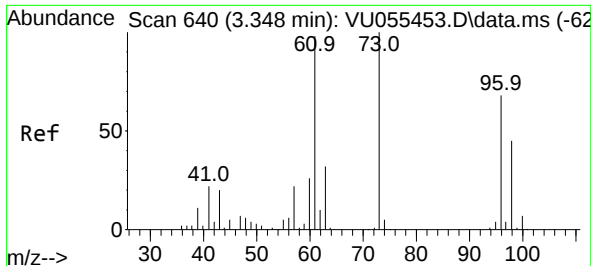
Tgt Ion: 62 Resp: 37938
 Ion Ratio Lower Upper
 62 100
 64 36.2 22.3 41.5



#15
 Methyl Acetate
 Concen: 1.925 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. 0.084 min
 Lab File: VU055472.D
 Acq: 22 Sep 2023 20:17

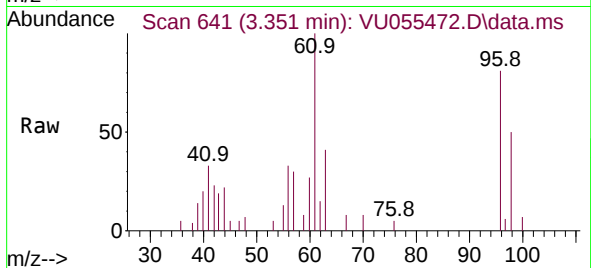
Tgt Ion: 43 Resp: 14002
 Ion Ratio Lower Upper
 43 100
 74 0.0 22.3 33.5#



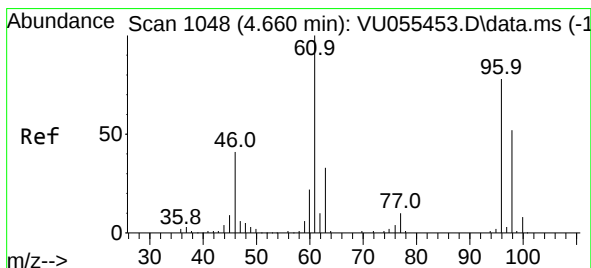
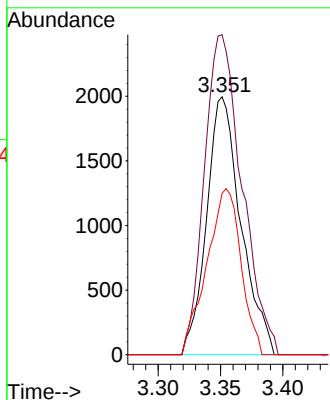
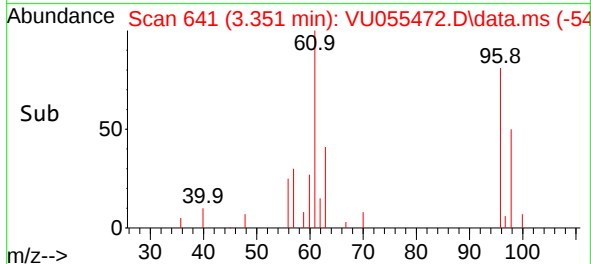


#18
trans-1,2-Dichloroethene
Concen: 0.177 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17

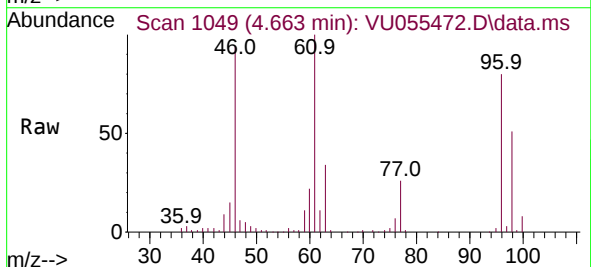
Instrument :
MSVOA_U
ClientSampleId :



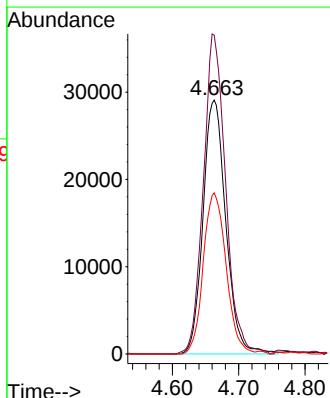
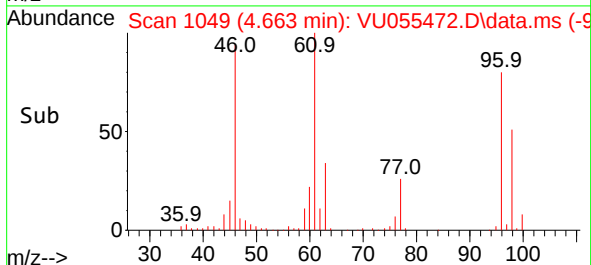
Tgt Ion: 96 Resp: 3830
Ion Ratio Lower Upper
96 100
61 116.1 94.6 175.6
98 58.6 45.7 84.9

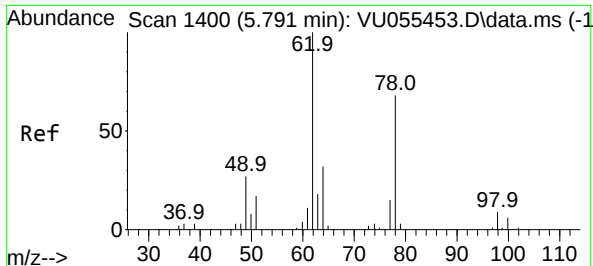


#22
cis-1,2-Dichloroethene
Concen: 2.781 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17



Tgt Ion: 96 Resp: 69669
Ion Ratio Lower Upper
96 100
61 125.5 87.8 163.2
98 63.4 44.4 82.4

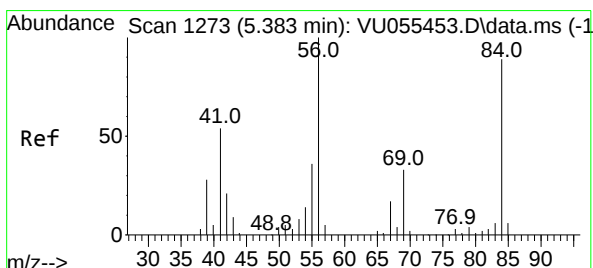
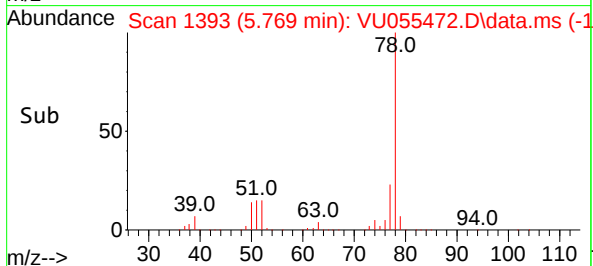
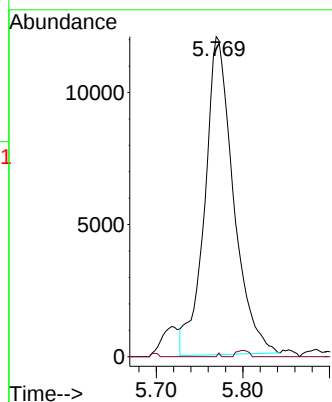
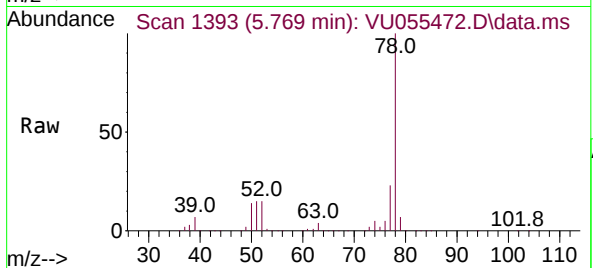




#27
1,2-Dichloroethane
Concen: 1.066 ug/L
RT: 5.769 min Scan# 11
Delta R.T. -0.022 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17

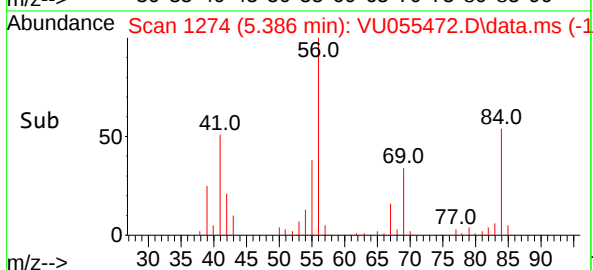
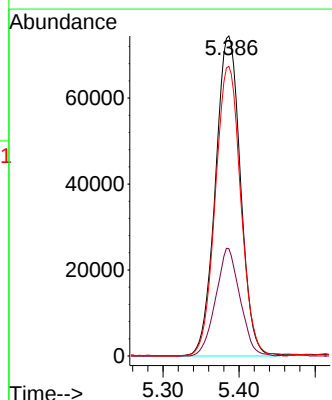
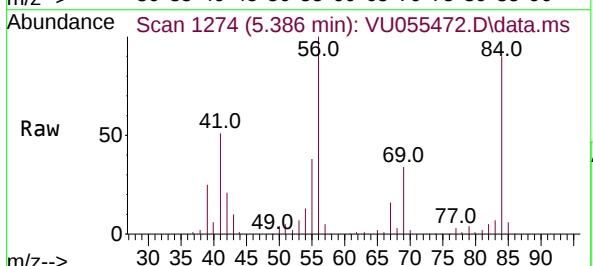
Instrument :
MSVOA_U
ClientSampleId :

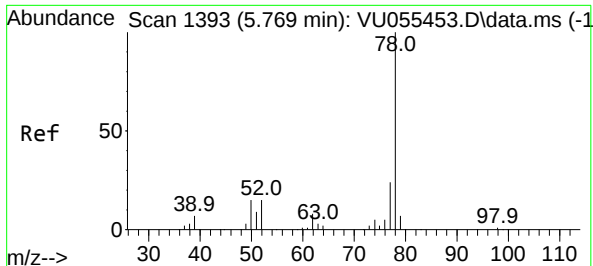
Tgt Ion: 62 Resp: 27658
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.4#



#30
Cyclohexane
Concen: 5.322 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17

Tgt Ion: 56 Resp: 170308
Ion Ratio Lower Upper
56 100
69 32.7 26.5 39.7
84 91.8 72.6 108.8

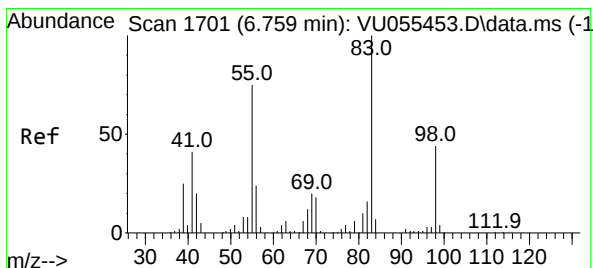
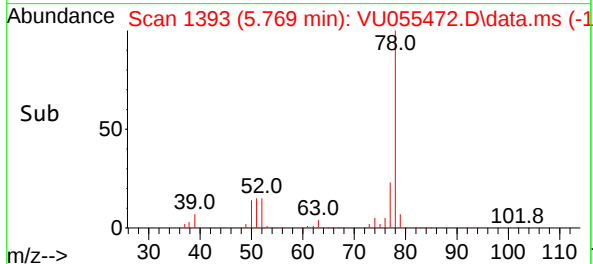
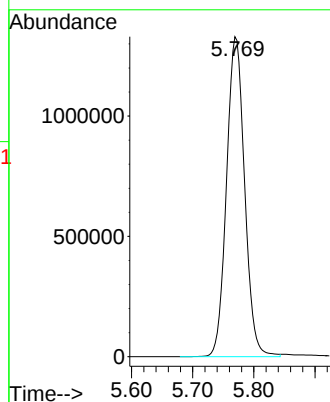
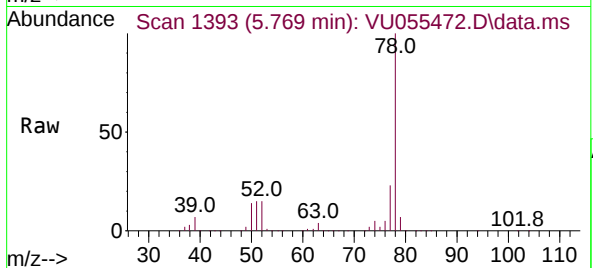




#33
Benzene
Concen: 30.988 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17

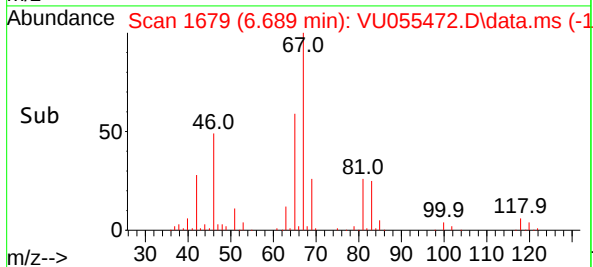
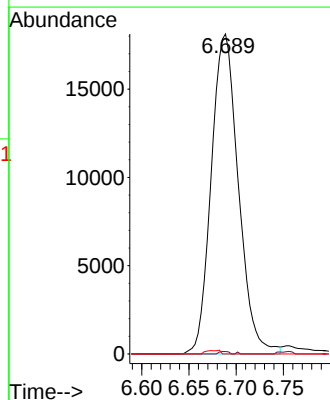
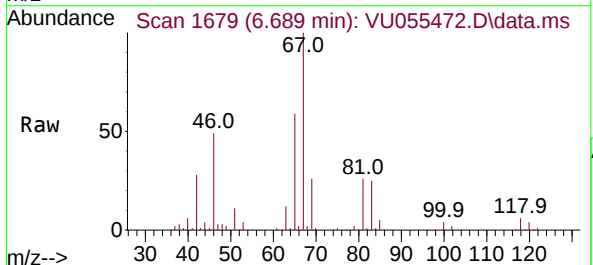
Instrument :
MSVOA_U
ClientSampleId :

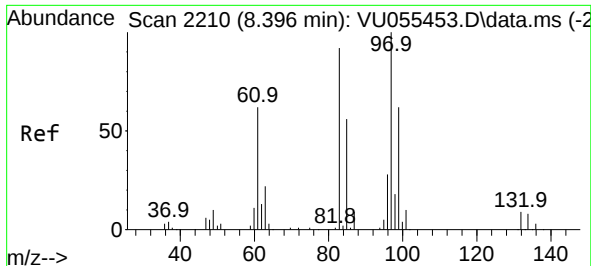
Tgt Ion: 78 Resp: 2735125



#35
Methylcyclohexane
Concen: 1.008 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17

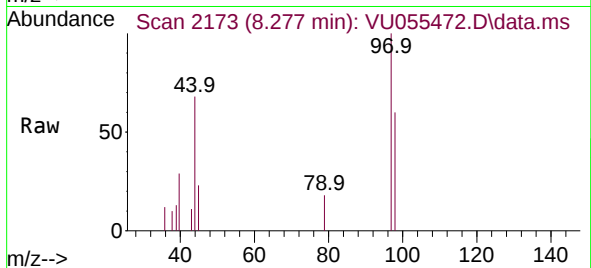
Tgt Ion: 83 Resp: 36239
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 0.6 36.3 54.5#



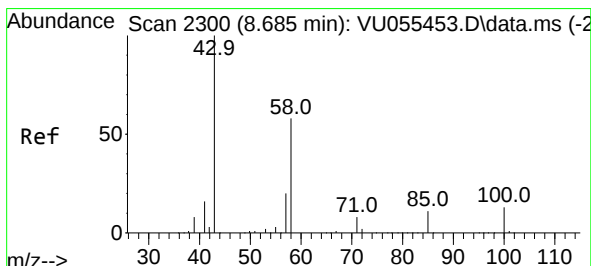
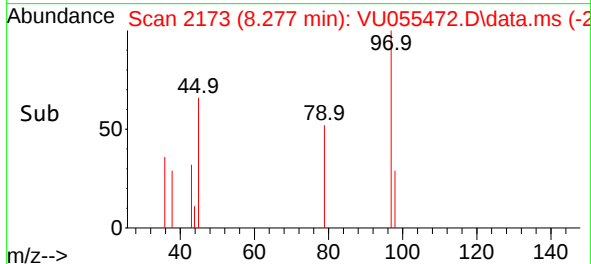
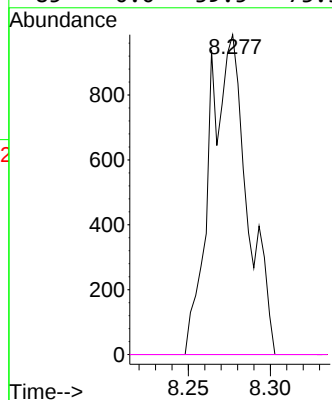


#45
1,1,2-Trichloroethane
Concen: 0.096 ug/L
RT: 8.277 min Scan# 2173
Delta R.T. -0.119 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17

Instrument :
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ClientSampleId :

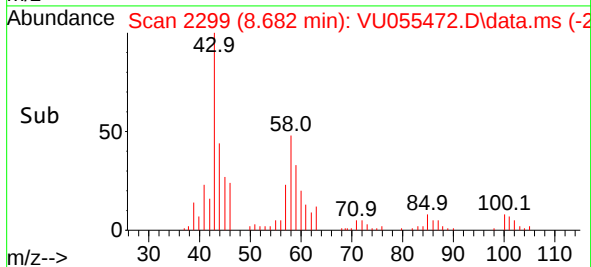
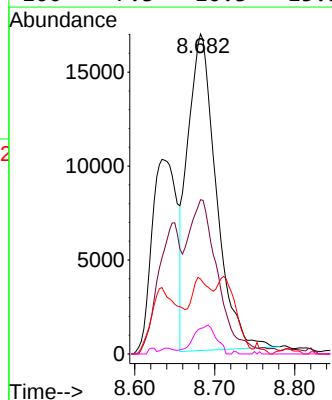
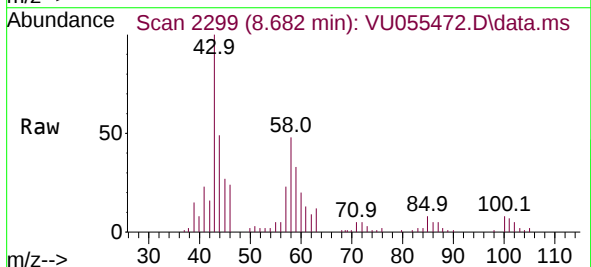


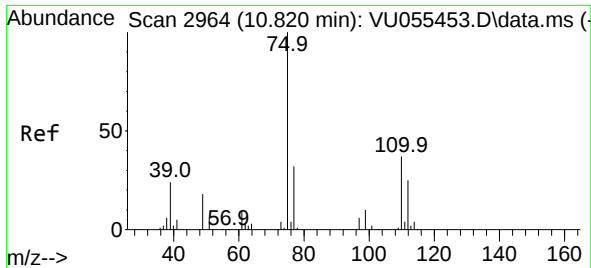
Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.1	81.9#
83	0.0	61.5	114.1#
85	0.0	39.5	73.3#



#48
2-Hexanone
Concen: 5.159 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.003 min
Lab File: VU055472.D
Acq: 22 Sep 2023 20:17

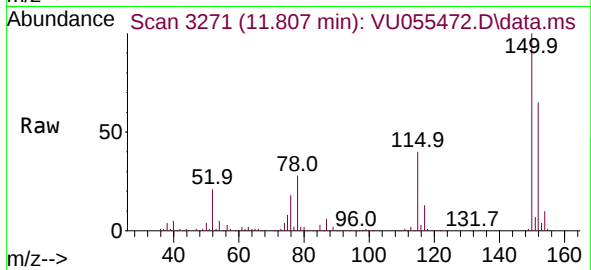
Tgt Ion	Ratio	Lower	Upper
43	100		
58	47.7	48.5	72.7#
57	17.5	17.0	25.4
100	7.3	10.3	15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.509 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU055472.D
 Acq: 22 Sep 2023 20:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 18315
 Ion Ratio Lower Upper
 75 100
 110 2.8 30.6 45.8#
 77 33.6 26.7 40.1

