

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055533.D
 Acq On : 26 Sep 2023 22:41
 Operator : MD/SY
 Sample : 04530-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:35:57 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)

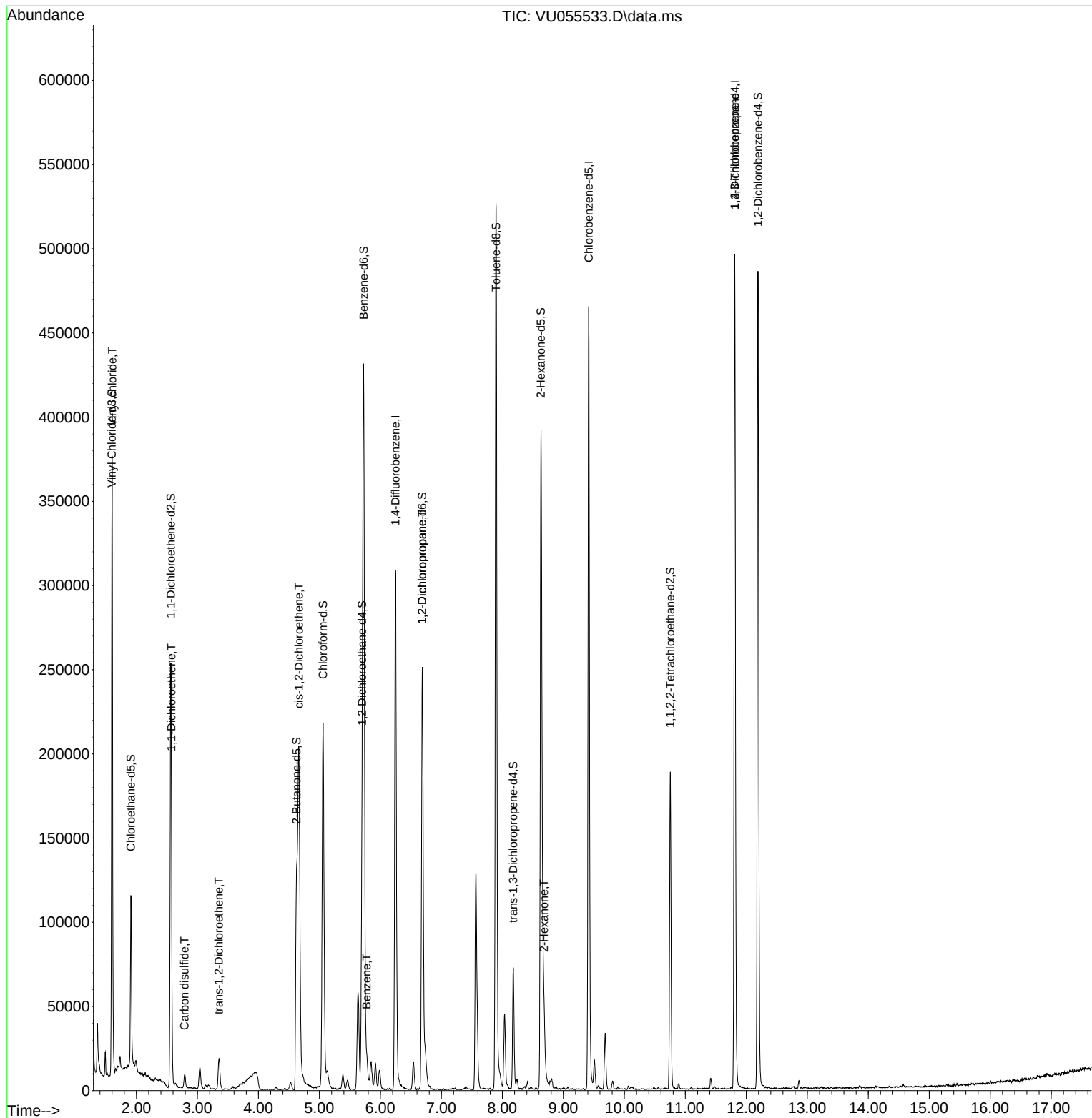
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265320	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	273348	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	138403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	106208	3.961	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.908	69	72456	3.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.400%#
11) 1,1-Dichloroethene-d2	2.563	65	47877	4.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.624	46	207119	42.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.520%
24) Chloroform-d	5.059	84	207207	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.698	65	98299	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.200%
32) Benzene-d6	5.724	84	432456	4.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.685	67	130937	4.583	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.894	98	377304	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	44874	4.476	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	125008	40.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94824	4.429	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	135089	4.836	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	167273	6.823	ug/L	98
12) 1,1-Dichloroethene	2.573	96	2715	0.146	ug/L #	1
14) Carbon disulfide	2.789	76	11342	0.203	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	5593	0.299	ug/L	86
22) cis-1,2-Dichloroethene	4.663	96	93730	4.324	ug/L	98
33) Benzene	5.776	78	13644	0.173	ug/L	100
37) 1,2-Dichloropropane	6.685	63	12887	0.626	ug/L #	90
48) 2-Hexanone	8.682	43	23814	3.292	ug/L #	92
61) 1,2,3-Trichloropropane	11.811	75	15164	1.404	ug/L #	67

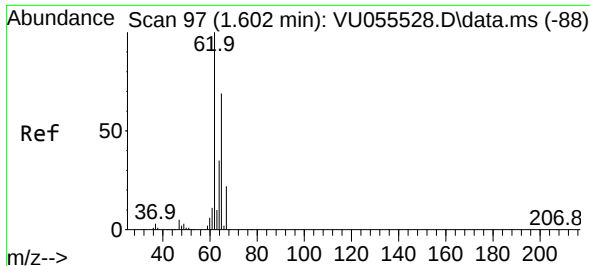
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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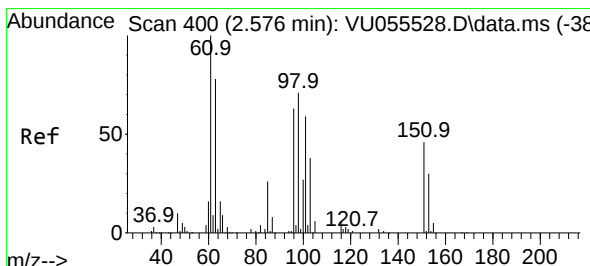
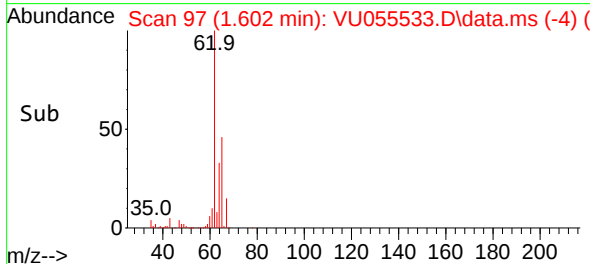
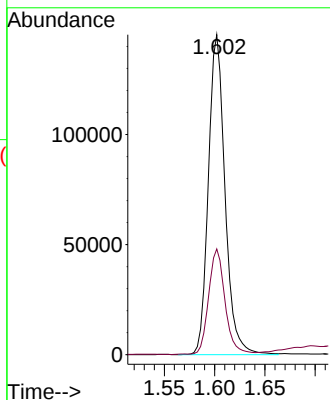
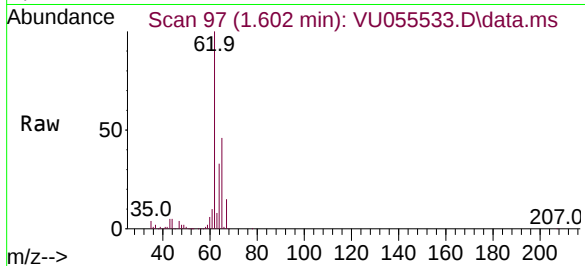




#5
 Vinyl chloride
 Concen: 6.823 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055533.D
 Acq: 26 Sep 2023 22:41

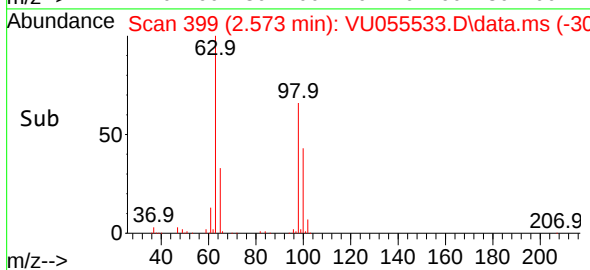
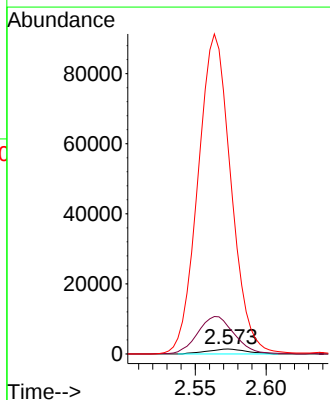
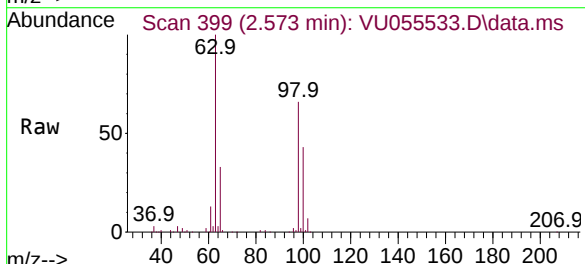
Instrument :
 MSVOA_U
 ClientSampleId :

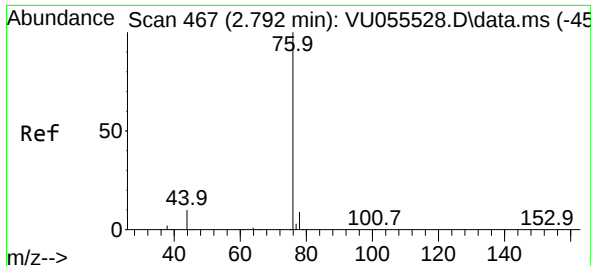
Tgt Ion: 62 Resp: 167273
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.146 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. -0.003 min
 Lab File: VU055533.D
 Acq: 26 Sep 2023 22:41

Tgt Ion: 96 Resp: 2715
 Ion Ratio Lower Upper
 96 100
 61 561.8 114.5 212.7#
 63 4249.9 98.3 182.5#

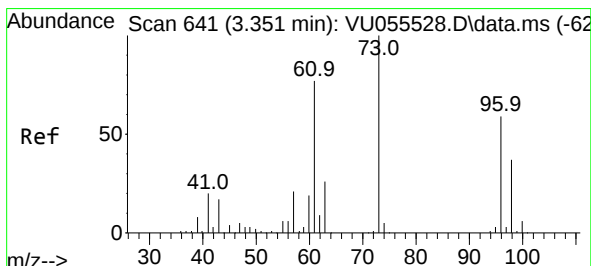
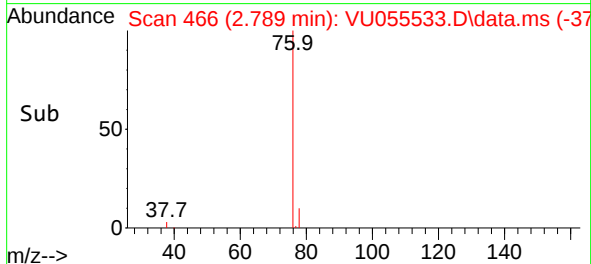
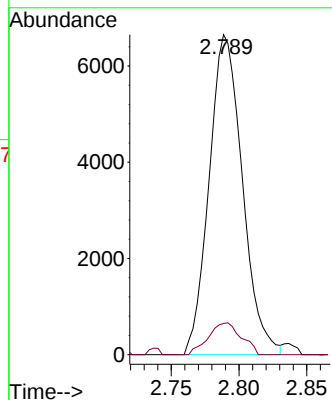
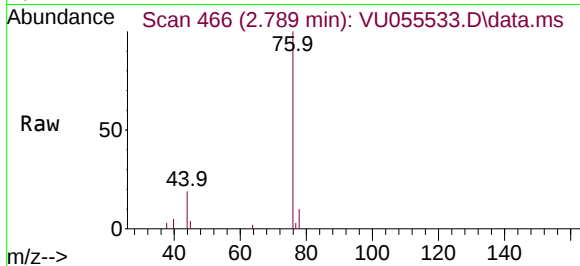




#14
Carbon disulfide
Concen: 0.203 ug/L
RT: 2.789 min Scan# 466
Delta R.T. -0.003 min
Lab File: VU055533.D
Acq: 26 Sep 2023 22:41

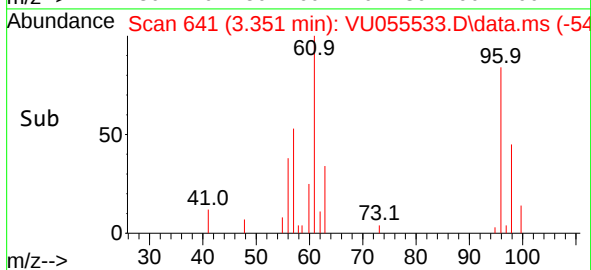
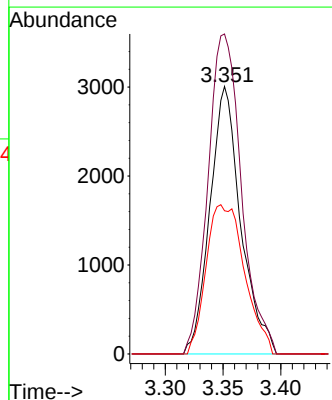
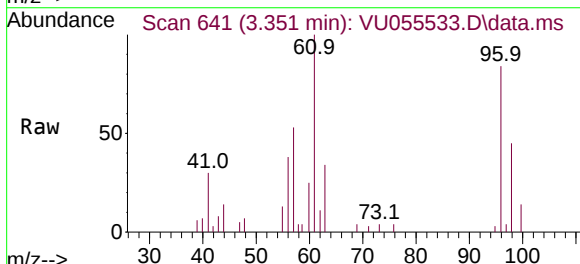
Instrument :
MSVOA_U
ClientSampleId :

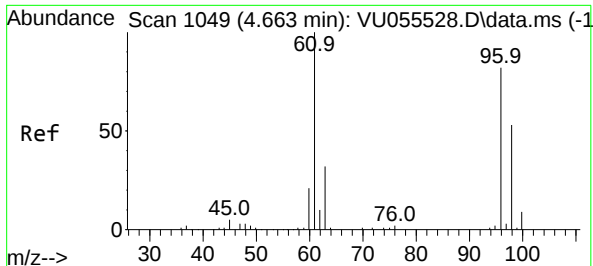
Tgt Ion: 76 Resp: 11342
Ion Ratio Lower Upper
76 100
78 9.7 7.7 11.5



#18
trans-1,2-Dichloroethene
Concen: 0.299 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU055533.D
Acq: 26 Sep 2023 22:41

Tgt Ion: 96 Resp: 5593
Ion Ratio Lower Upper
96 100
61 119.6 94.6 175.6
98 53.5 45.7 84.9

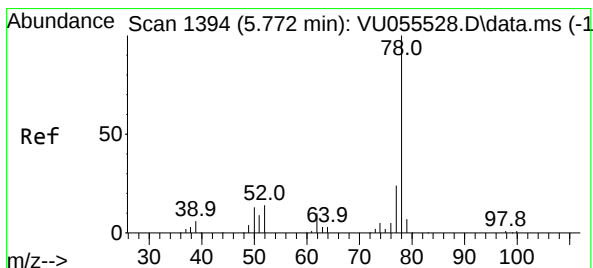
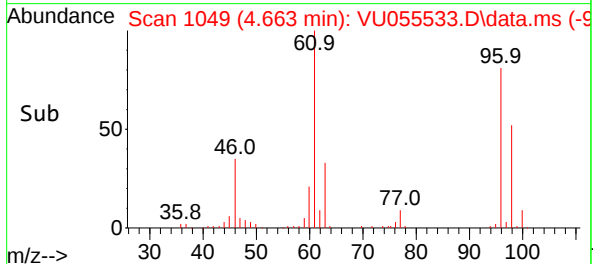
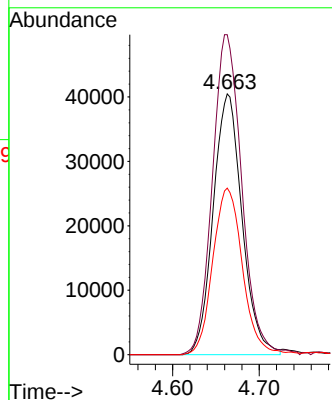
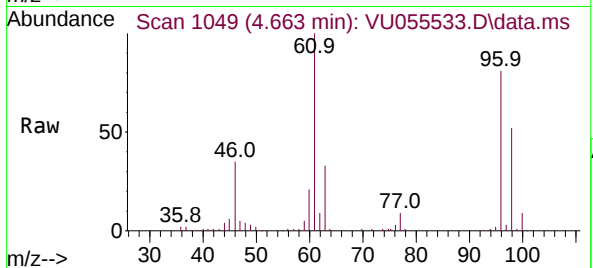




#22
 cis-1,2-Dichloroethene
 Concen: 4.324 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055533.D
 Acq: 26 Sep 2023 22:41

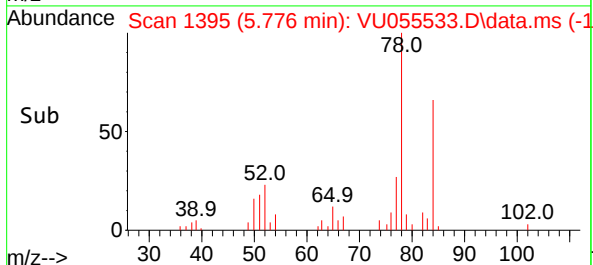
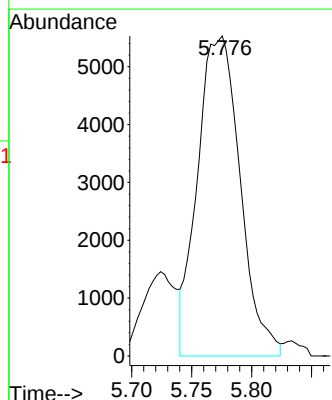
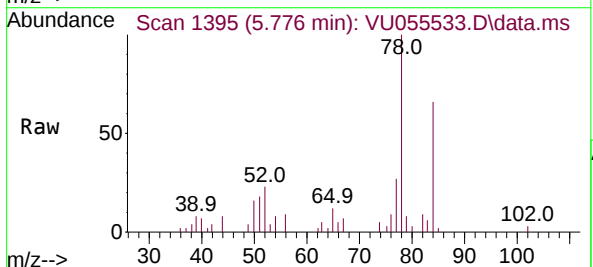
Instrument :
 MSVOA_U
 ClientSampleId :

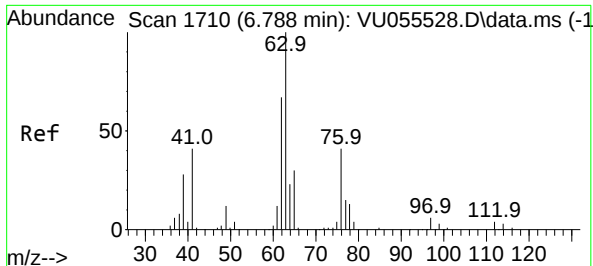
Tgt Ion: 96 Resp: 93730
 Ion Ratio Lower Upper
 96 100
 61 122.7 87.8 163.2
 98 63.9 44.4 82.4



#33
 Benzene
 Concen: 0.173 ug/L
 RT: 5.776 min Scan# 1395
 Delta R.T. 0.003 min
 Lab File: VU055533.D
 Acq: 26 Sep 2023 22:41

Tgt Ion: 78 Resp: 13644

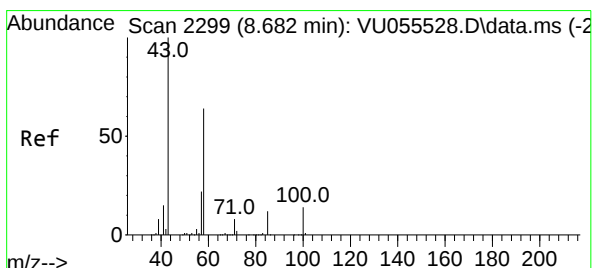
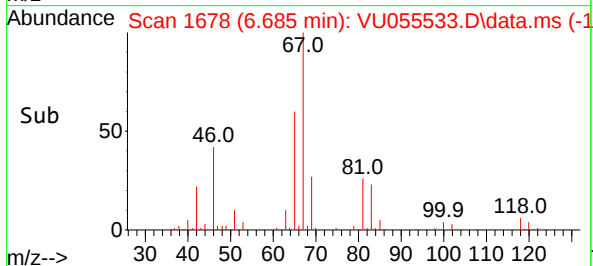
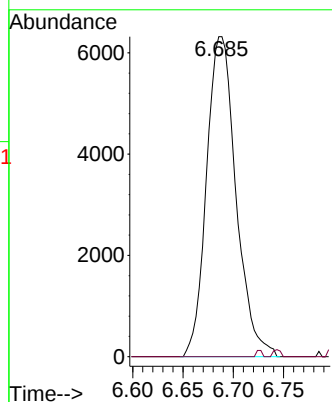
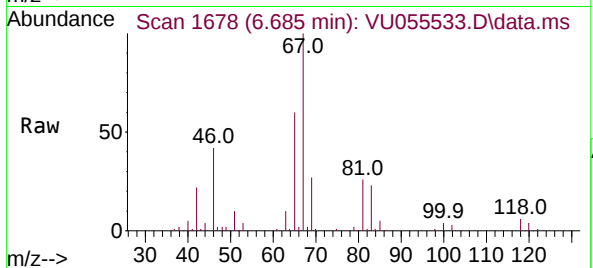




#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU055533.D
Acq: 26 Sep 2023 22:41

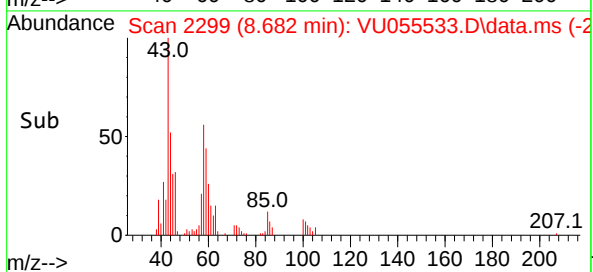
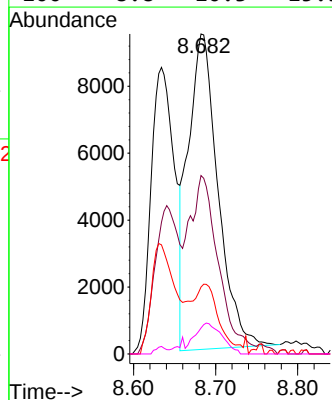
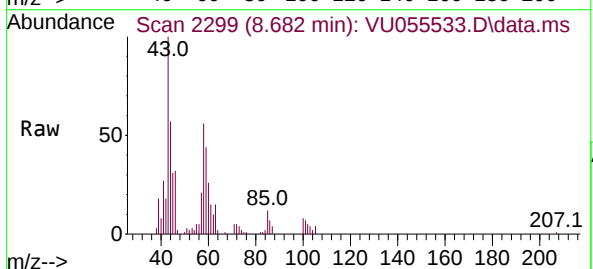
Instrument :
MSVOA_U
ClientSampleId :

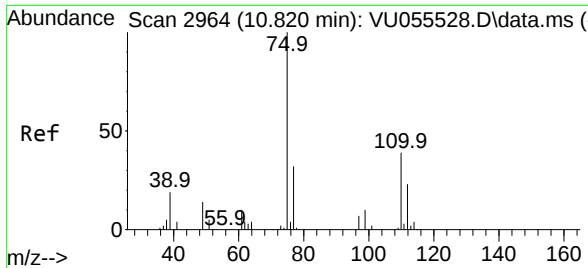
Tgt Ion: 63 Resp: 12887
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#



#48
2-Hexanone
Concen: 3.292 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU055533.D
Acq: 26 Sep 2023 22:41

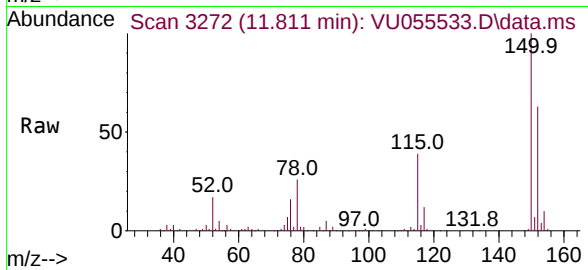
Tgt Ion: 43 Resp: 23814
Ion Ratio Lower Upper
43 100
58 55.5 48.5 72.7
57 16.7 17.0 25.4#
100 8.8 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.404 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055533.D
 Acq: 26 Sep 2023 22:41

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.6	45.8#
77	32.5	26.7	40.1

