

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092523\
 Data File : VU055493.D
 Acq On : 25 Sep 2023 14:21
 Operator : MD/SY
 Sample : 04579-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 26 01:22:42 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)

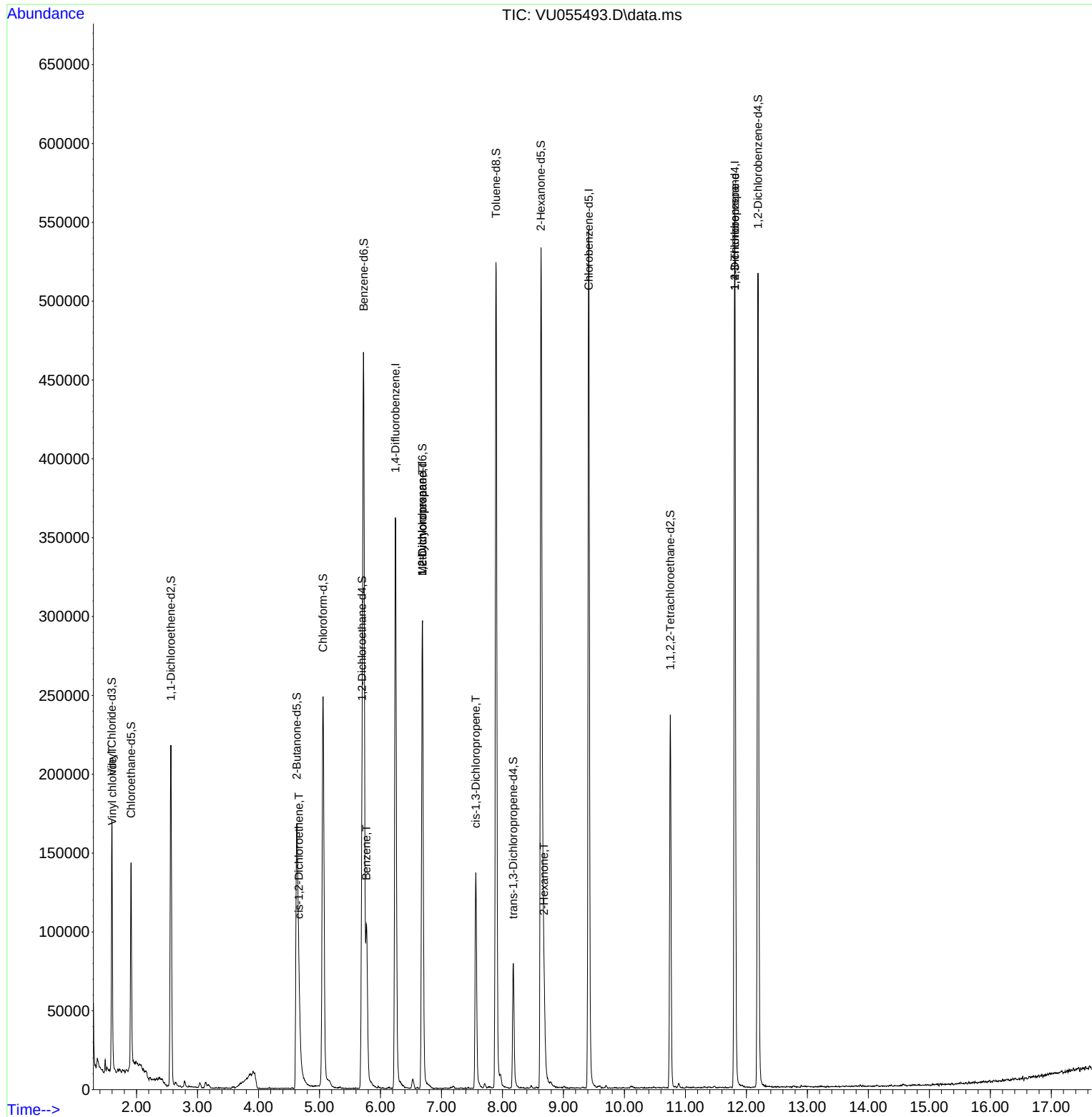
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	303324	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	314551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	156033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	92986	3.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.911	69	93465	3.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.563	65	41200	3.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.628	46	311706	56.292	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.580%
24) Chloroform-d	5.058	84	243482	4.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.698	65	125155	4.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.724	84	445569	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.689	67	148718	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.894	98	370516	3.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.177	79	50495	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.631	63	168761	48.094	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	120135	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	142379	4.521	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	23954	0.855	ug/L	98
22) cis-1,2-Dichloroethene	4.663	96	7579	0.306	ug/L	92
33) Benzene	5.772	78	102980	1.137	ug/L	100
35) Methylcyclohexane	6.689	83	35566	0.964	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	16119	0.681	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	3753	0.119	ug/L	85
48) 2-Hexanone	8.682	43	36117	4.339	ug/L #	90
61) 1,2,3-Trichloropropane	11.810	75	17752	1.457	ug/L #	66

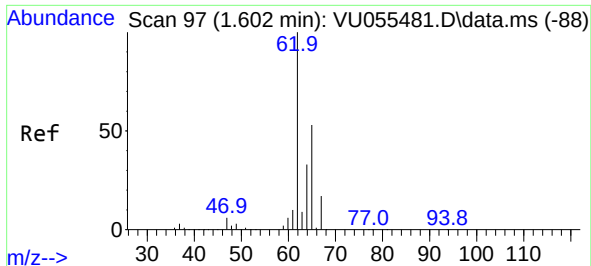
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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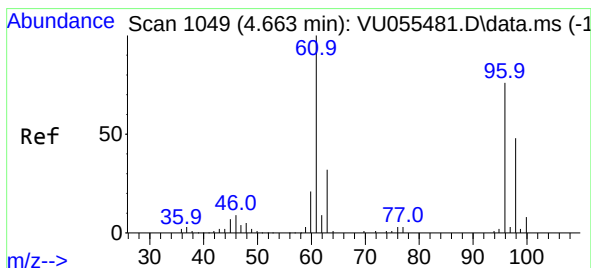
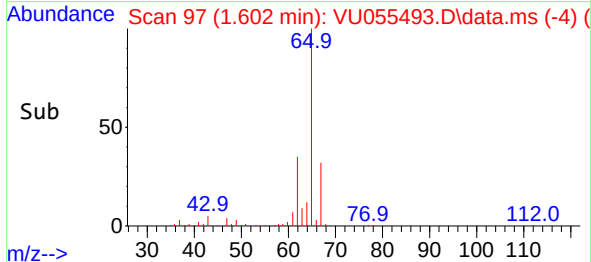
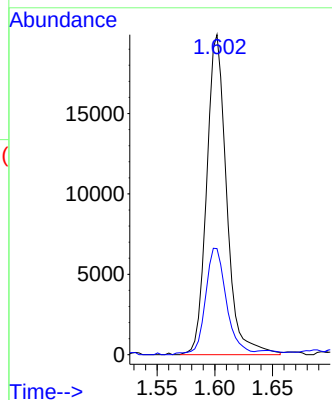
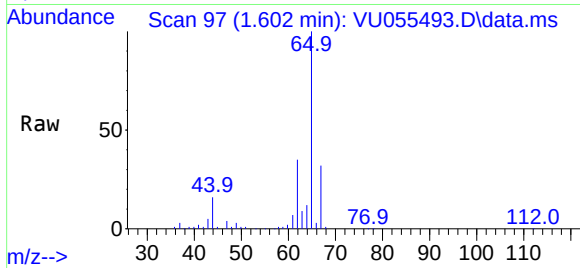




#5
 Vinyl chloride
 Concen: 0.855 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055493.D
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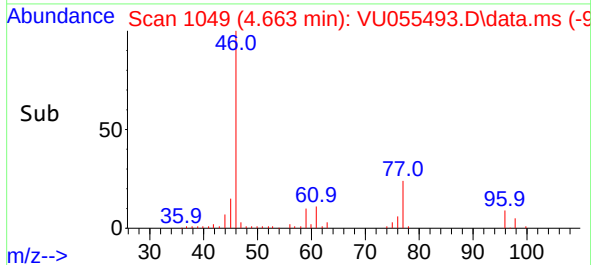
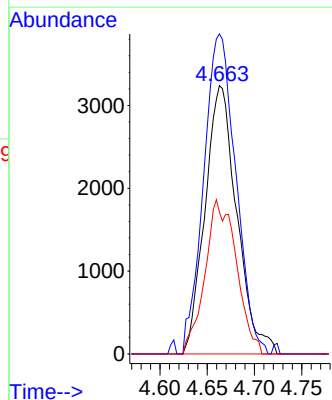
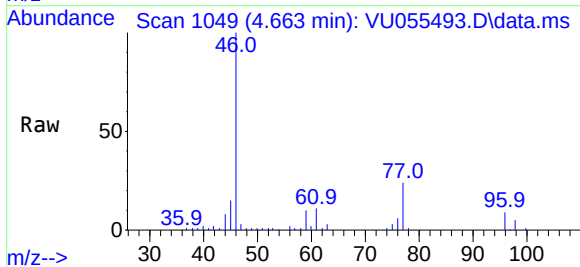
Instrument :
 MSVOA_U
 ClientSampleId :

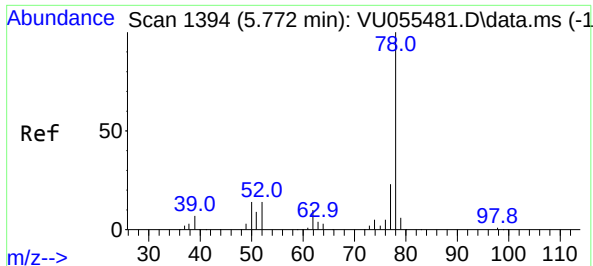
Tgt Ion: 62 Resp: 23954
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.3 41.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.306 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055493.D
 Acq: 25 Sep 2023 14:21

Tgt Ion: 96 Resp: 7579
 Ion Ratio Lower Upper
 96 100
 61 119.2 87.8 163.2
 98 52.9 44.4 82.4

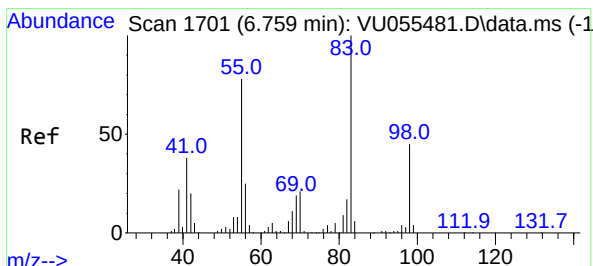
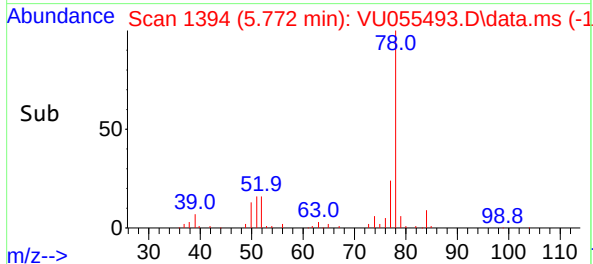
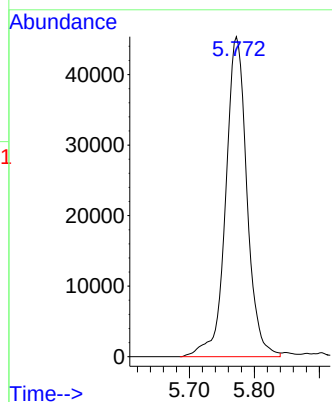
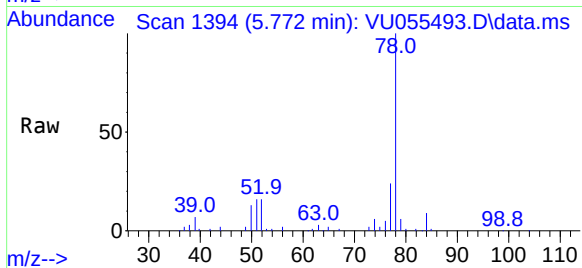




#33
Benzene
Concen: 1.137 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU055493.D
Acq: 25 Sep 2023 14:21

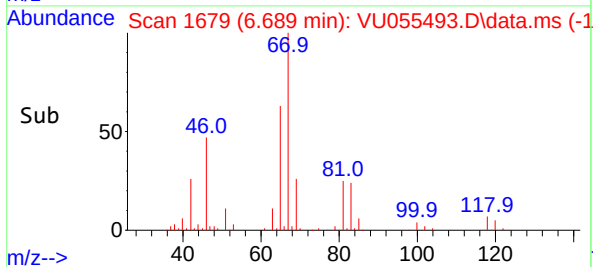
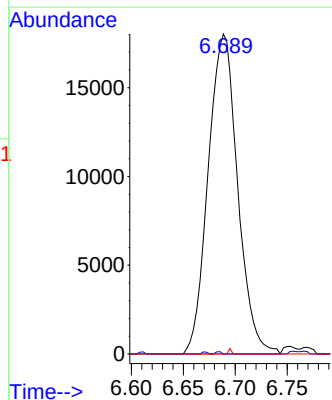
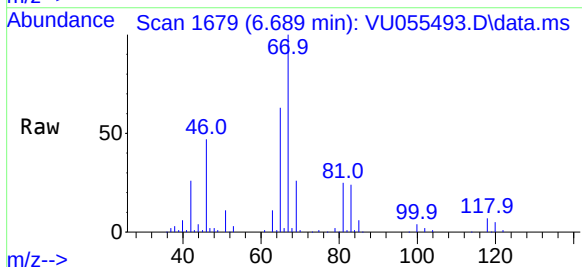
Instrument :
MSVOA_U
ClientSampleId :

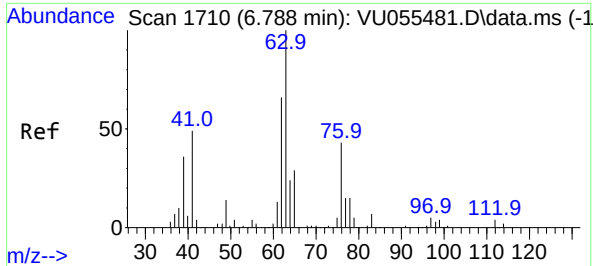
Tgt Ion: 78 Resp: 102980



#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055493.D
Acq: 25 Sep 2023 14:21

Tgt Ion: 83 Resp: 35566
Ion Ratio Lower Upper
83 100
55 0.1 59.1 88.7#
98 0.2 36.3 54.5#

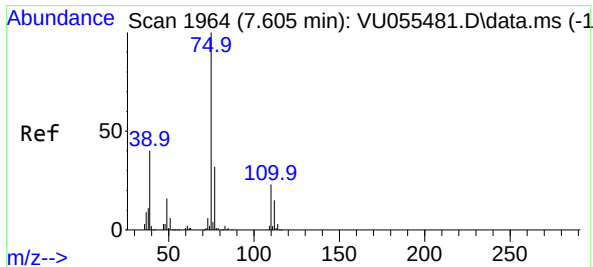
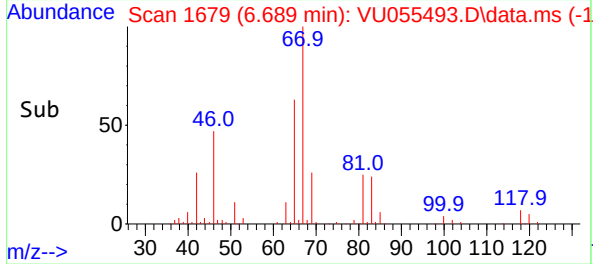
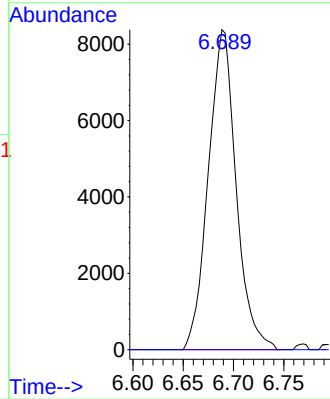
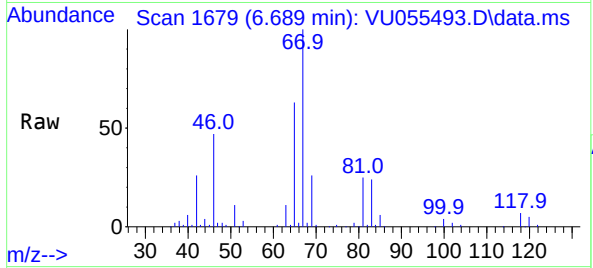




#37
 1,2-Dichloropropane
 Concen: 0.681 ug/L
 RT: 6.689 min Scan# 1
 Delta R.T. -0.100 min
 Lab File: VU055493.D
 Acq: 25 Sep 2023 14:21

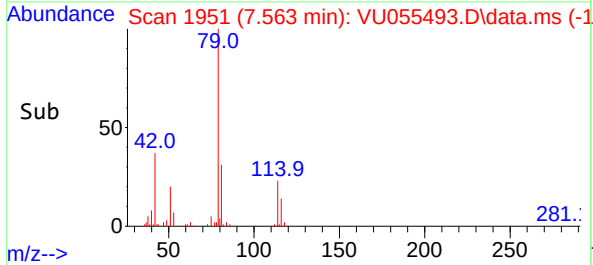
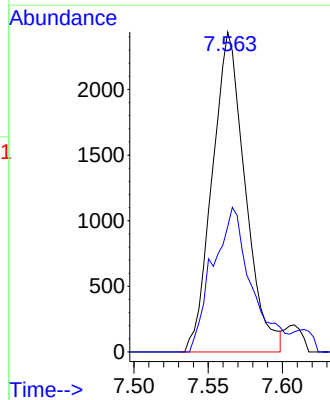
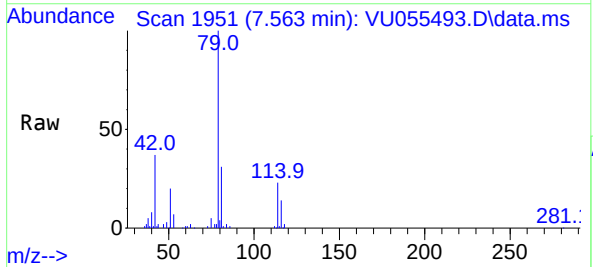
Instrument :
 MSVOA_U
 ClientSampleId :

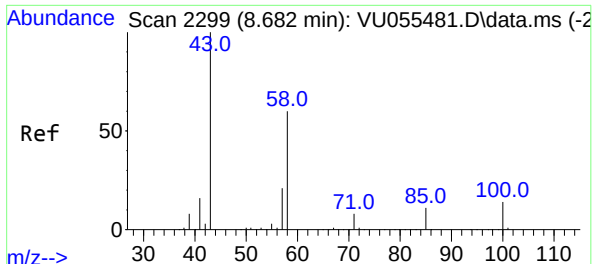
Tgt Ion: 63 Resp: 16119
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.563 min Scan# 1951
 Delta R.T. -0.042 min
 Lab File: VU055493.D
 Acq: 25 Sep 2023 14:21

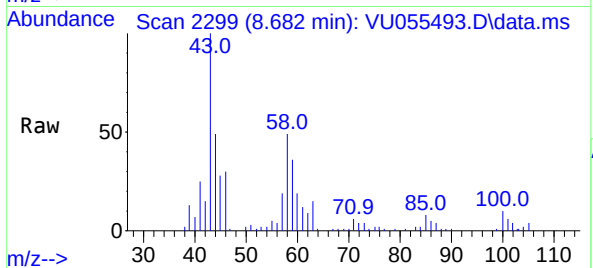
Tgt Ion: 75 Resp: 3753
 Ion Ratio Lower Upper
 75 100
 77 39.2 21.6 40.2



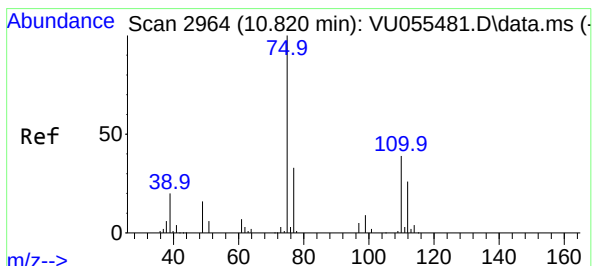
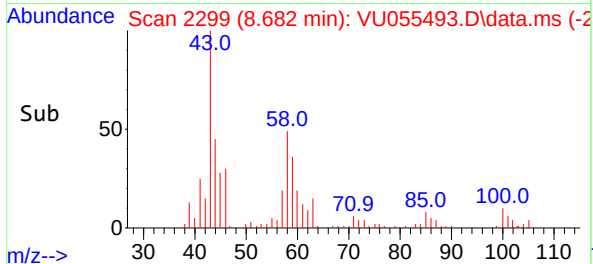
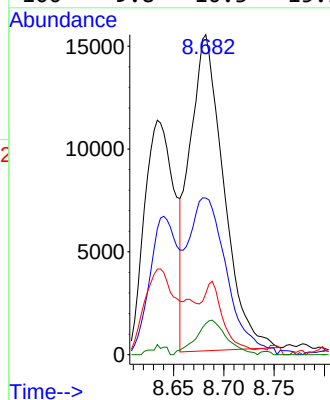


#48
2-Hexanone
Concen: 4.339 ug/L
RT: 8.682 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VU055493.D
Acq: 25 Sep 2023 14:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 36117
Ion Ratio Lower Upper
43 100
58 54.2 48.5 72.7
57 14.1 17.0 25.4#
100 9.8 10.3 15.5#



#61
1,2,3-Trichloropropane
Concen: 1.457 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055493.D
Acq: 25 Sep 2023 14:21

Tgt Ion: 75 Resp: 17752
Ion Ratio Lower Upper
75 100
110 1.5 30.6 45.8#
77 35.8 26.7 40.1

