

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
 Data File : VX030493.D
 Acq On : 07 Aug 2022 03:16
 Operator : JC/MD
 Sample : N4021-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D67

Quant Time: Aug 07 05:48:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

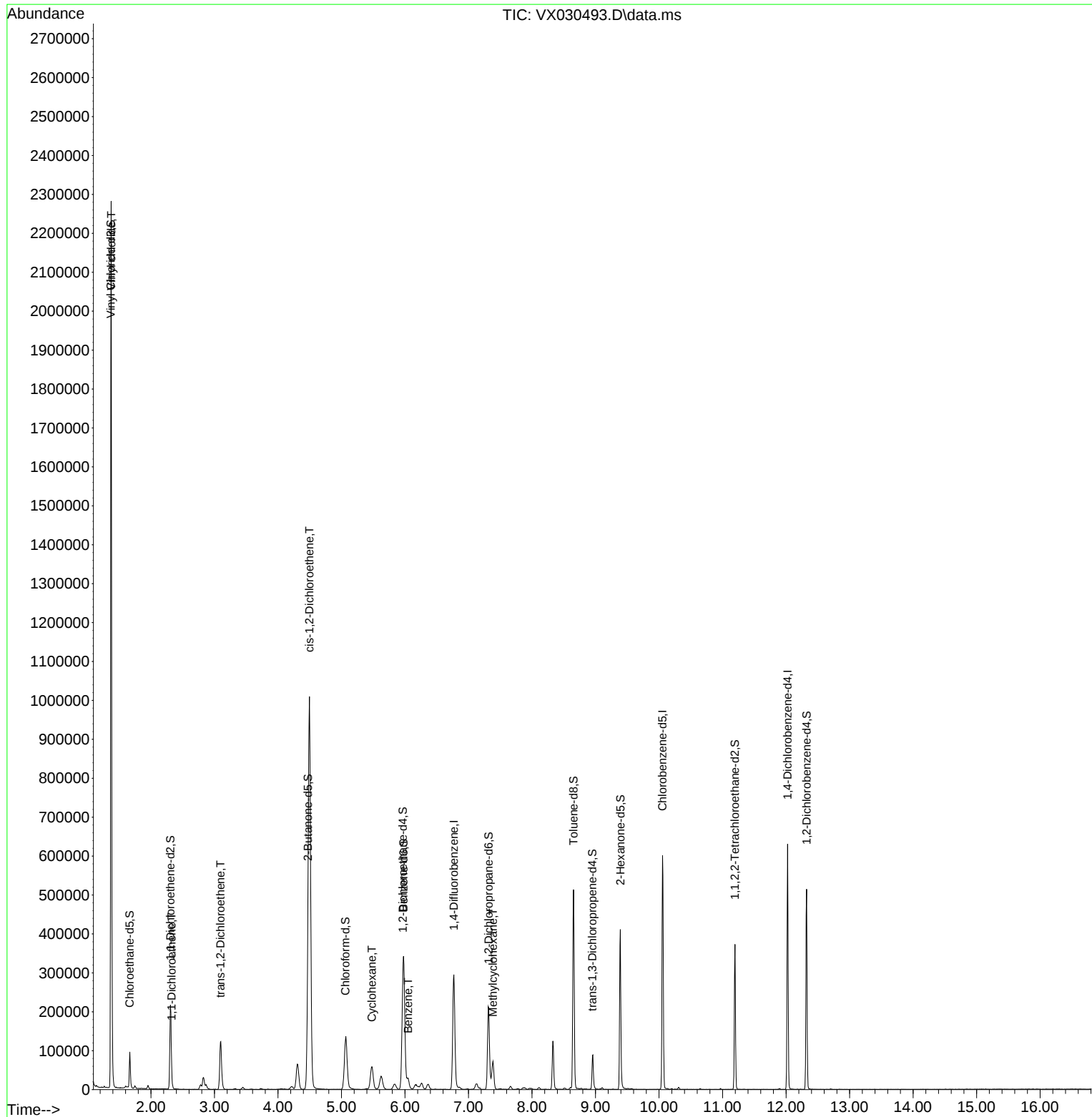
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	287529	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	256052	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	82595	44.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.460%
7) Chloroethane-d5	1.666	69	56302	43.254	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.500%
11) 1,1-Dichloroethene-d2	2.306	63	119199	34.127	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.260%
21) 2-Butanone-d5	4.471	46	167874	98.124	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.120%
24) Chloroform-d	5.062	84	163495	43.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
26) 1,2-Dichloroethane-d4	5.964	65	115934	44.920	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
32) Benzene-d6	5.976	84	321376	43.817	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.640%
36) 1,2-Dichloropropane-d6	7.318	67	107061	44.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.980%
41) Toluene-d8	8.653	98	290505	42.019	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	8.951	79	41361	34.938	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.880%
47) 2-Hexanone-d5	9.390	63	111283	91.746	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.750%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	136878	43.786	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.580%
66) 1,2-Dichlorobenzene-d4	12.323	152	94730	43.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.260%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	1372869	690.866	ug/L	98
12) 1,1-Dichloroethene	2.325	96	4563	2.835	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	38854	20.840	ug/L	94
20) cis-1,2-Dichloroethene	4.495	96	569251	271.417	ug/L	99
29) Cyclohexane	5.476	56	38525	11.318	ug/L	99
33) Benzene	6.050	78	31741	3.866	ug/L	100
35) Methylcyclohexane	7.385	83	28263	8.165	ug/L	89

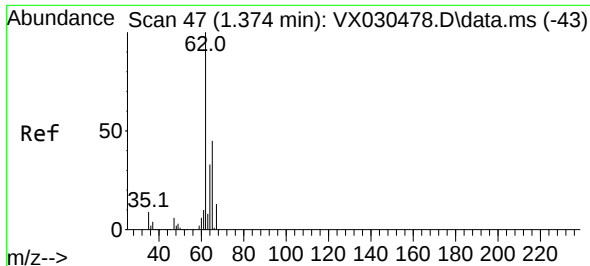
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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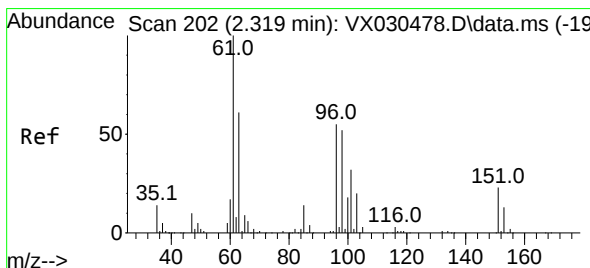
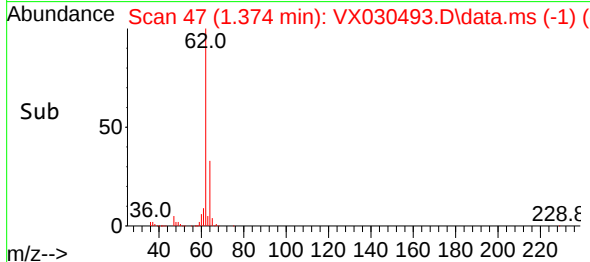
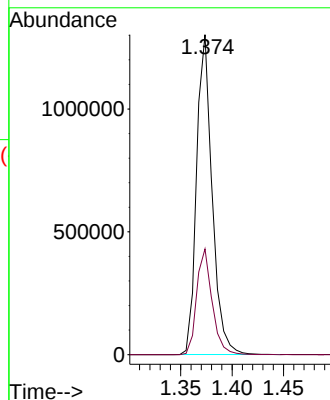
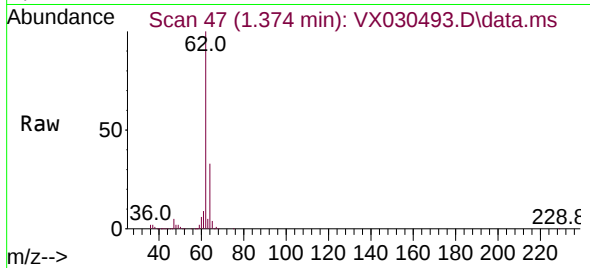




#5
 Vinyl chloride
 Concen: 690.866 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030493.D
 Acq: 07 Aug 2022 03:16

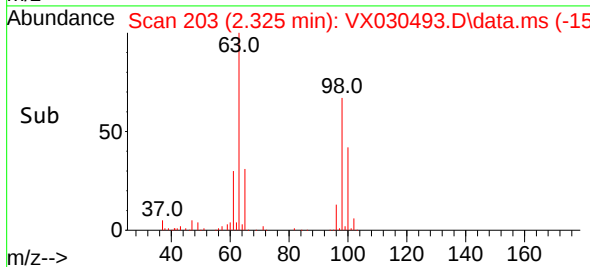
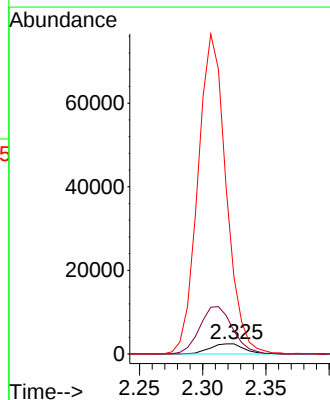
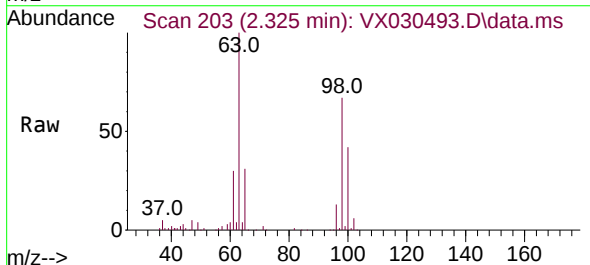
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D67

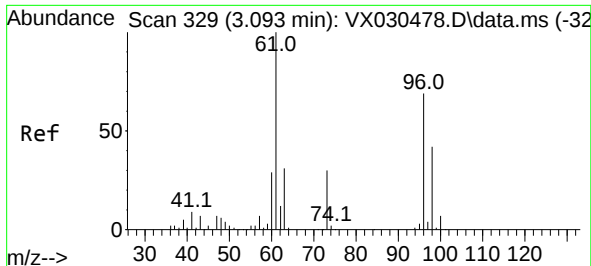
Tgt Ion: 62 Resp: 1372869
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 2.835 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX030493.D
 Acq: 07 Aug 2022 03:16

Tgt Ion: 96 Resp: 4563
 Ion Ratio Lower Upper
 96 100
 61 226.6 130.2 241.8
 63 755.9 113.5 210.9#

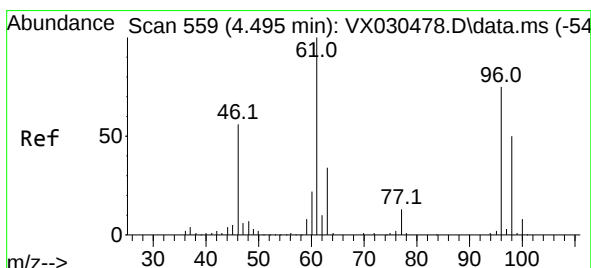
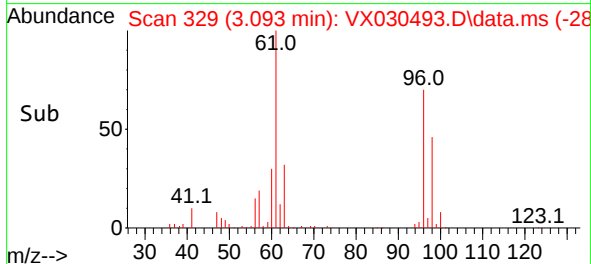
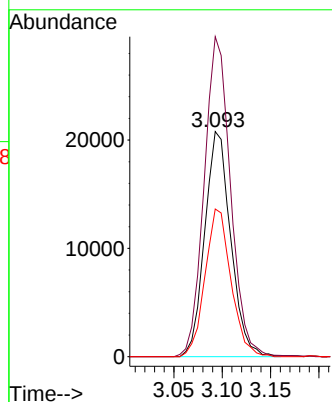
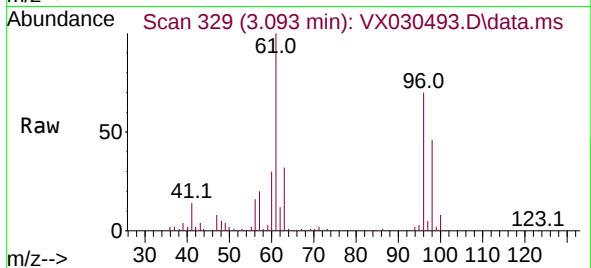




#17
 trans-1,2-Dichloroethene
 Concen: 20.840 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX030493.D
 Acq: 07 Aug 2022 03:16

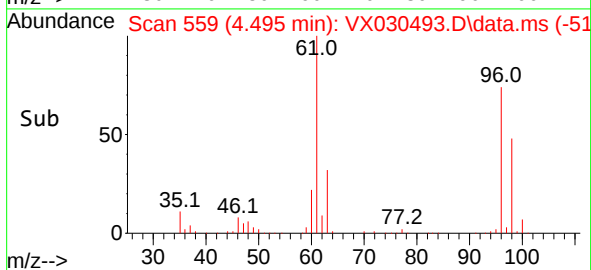
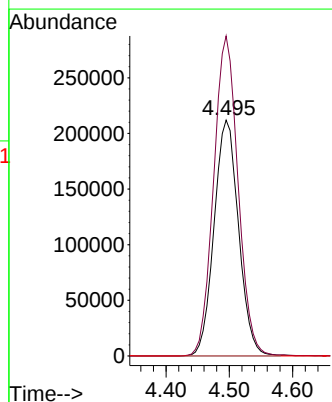
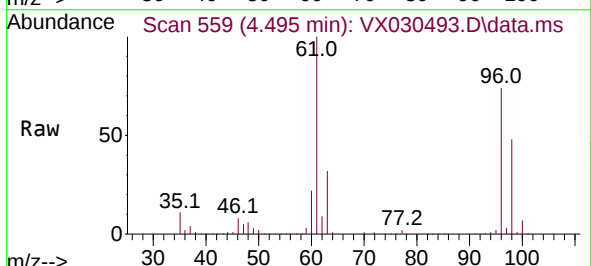
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D67

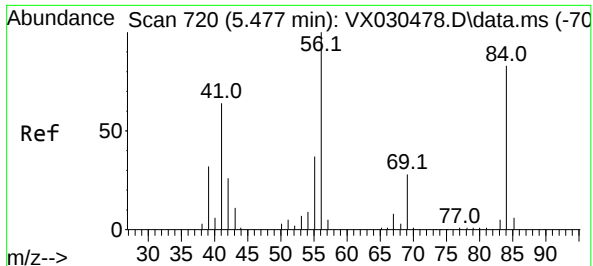
Tgt Ion: 96 Resp: 38854
 Ion Ratio Lower Upper
 96 100
 61 142.1 103.7 192.5
 98 65.6 41.5 77.1



#20
 cis-1,2-Dichloroethene
 Concen: 271.417 ug/L
 RT: 4.495 min Scan# 559
 Delta R.T. -0.000 min
 Lab File: VX030493.D
 Acq: 07 Aug 2022 03:16

Tgt Ion: 96 Resp: 569251
 Ion Ratio Lower Upper
 96 100
 61 135.6 94.0 174.6
 68 0.0 0.0 0.0

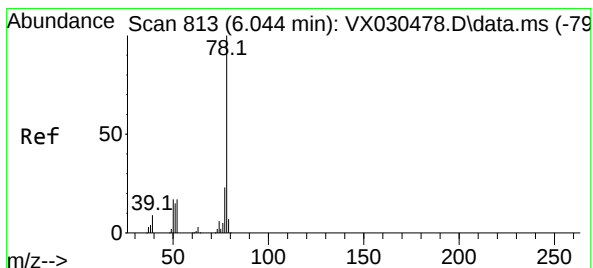
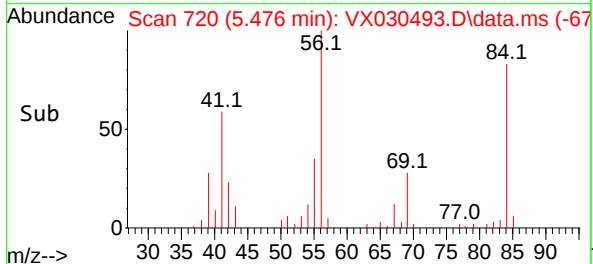
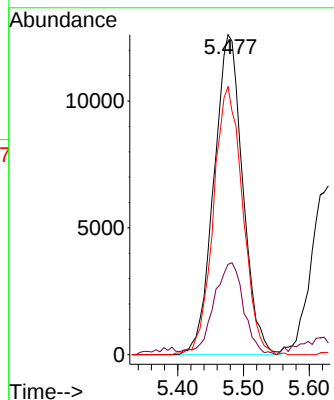
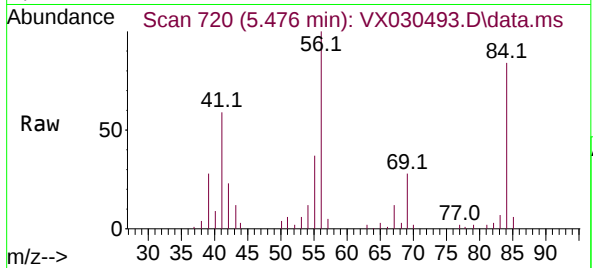




#29
Cyclohexane
Concen: 11.318 ug/L
RT: 5.476 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX030493.D
Acq: 07 Aug 2022 03:16

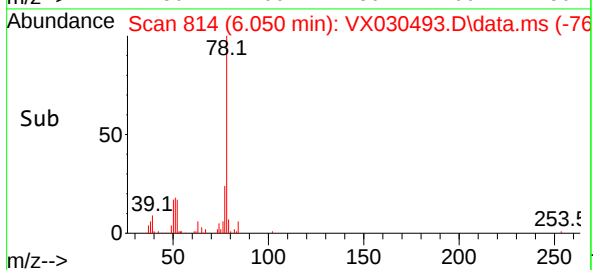
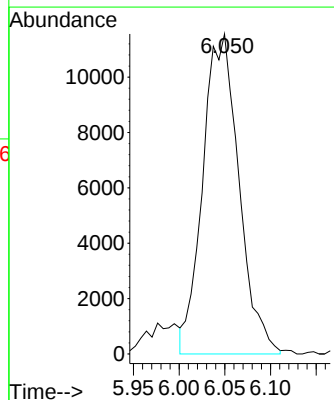
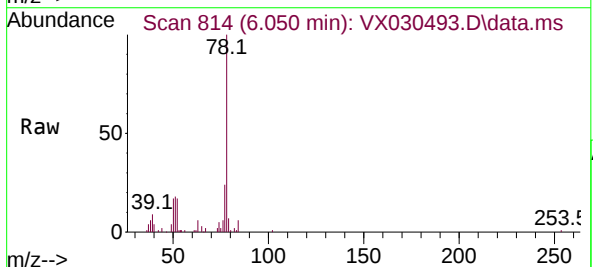
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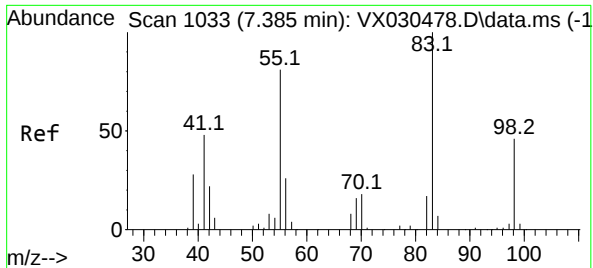
Tgt Ion: 56 Resp: 38525
Ion Ratio Lower Upper
56 100
69 29.6 24.3 36.5
84 84.7 66.7 100.1



#33
Benzene
Concen: 3.866 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX030493.D
Acq: 07 Aug 2022 03:16

Tgt Ion: 78 Resp: 31741





#35
Methylcyclohexane
Concen: 8.165 ug/L
RT: 7.385 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX030493.D
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Instrument :
MSVOA_X
ClientSampleId :
F5D67

Tgt Ion: 83 Resp: 28263
Ion Ratio Lower Upper
83 100
55 95.1 64.0 96.0
98 45.2 36.7 55.1

