

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025956.D
 Acq On : 21 Dec 2021 14:59
 Operator : JC/MD
 Sample : M5150-16DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:38:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

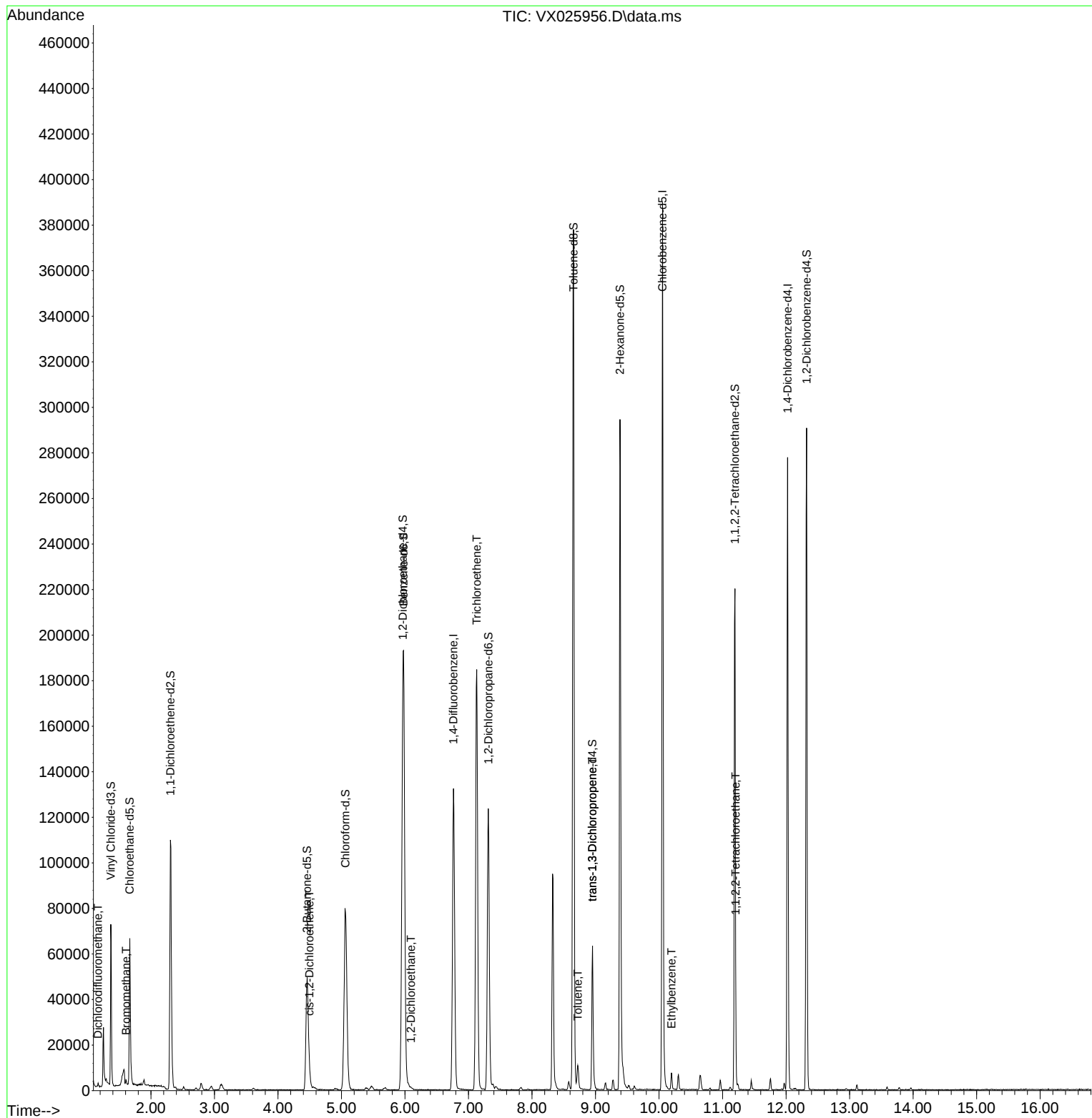
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	128615	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	164326	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	52409	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	42707	41.187	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	82.380%	
7) Chloroethane-d5	1.666	69	40619	46.911	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.820%	
11) 1,1-Dichloroethene-d2	2.306	63	63765	35.406	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.820%	
21) 2-Butanone-d5	4.458	46	84965	113.585	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	113.590%	
24) Chloroform-d	5.062	84	96285	48.441	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.880%	
26) 1,2-Dichloroethane-d4	5.964	65	66794	51.524	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.040%	
32) Benzene-d6	5.977	84	186221	37.405	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	7.312	67	58288	38.440	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	76.880%	
41) Toluene-d8	8.653	98	223135	47.203	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	8.952	79	26785	40.007	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.020%	
47) 2-Hexanone-d5	9.384	63	82831	121.518	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	121.520%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	83699	38.963	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	77.920%	
66) 1,2-Dichlorobenzene-d4	12.323	152	55366	50.119	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	100.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	807	0.726	ug/L	97
6) Bromomethane	1.605	94	837	1.012	ug/L	85
20) cis-1,2-Dichloroethene	4.495	96	1117	1.037	ug/L	96
27) 1,2-Dichloroethane	6.092	62	1166	0.777	ug/L #	73
34) Trichloroethene	7.129	95	68434	50.884	ug/L	85
42) Toluene	8.720	91	6697	1.194	ug/L	98
44) trans-1,3-Dichloropropene	8.952	75	1436	0.806	ug/L	94
52) Ethylbenzene	10.195	91	4121	0.685	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.207	83	1535	0.736	ug/L #	81

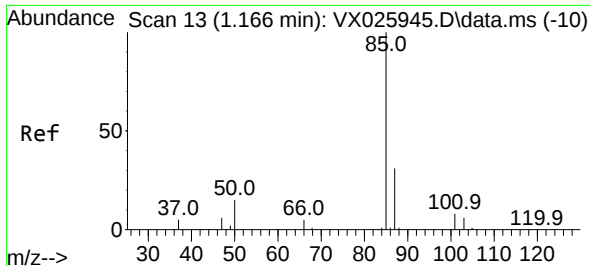
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122021WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
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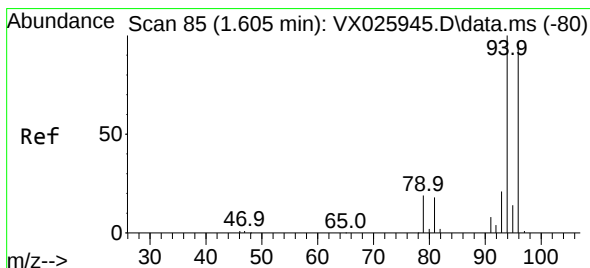
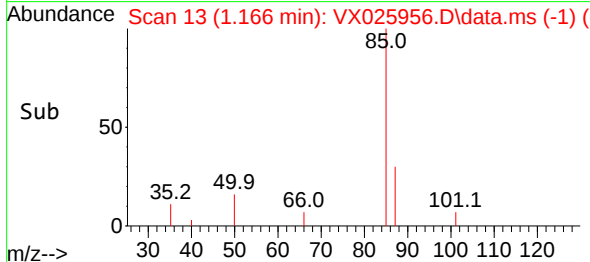
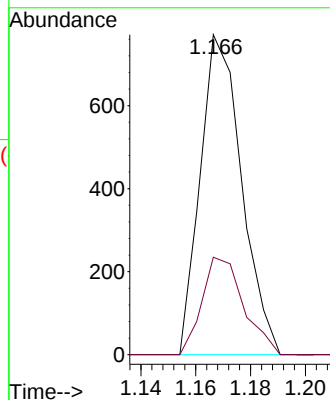
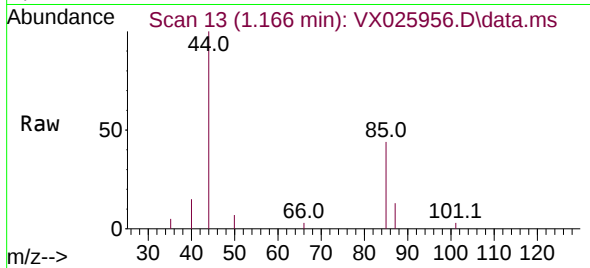




#2
 Dichlorodifluoromethane
 Concen: 0.726 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025956.D
 Acq: 21 Dec 2021 14:59

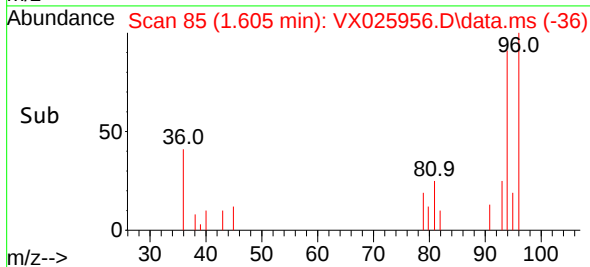
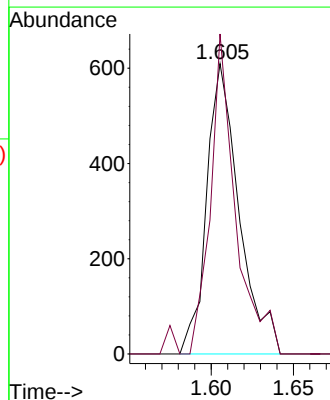
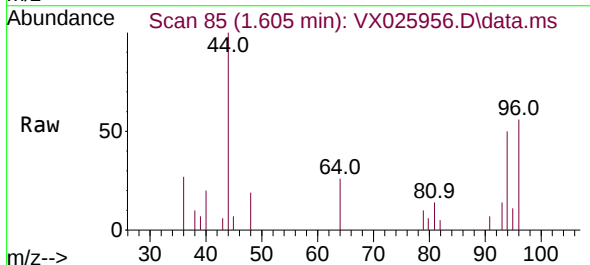
Instrument :
 MSVOA_X
 ClientSampleId :

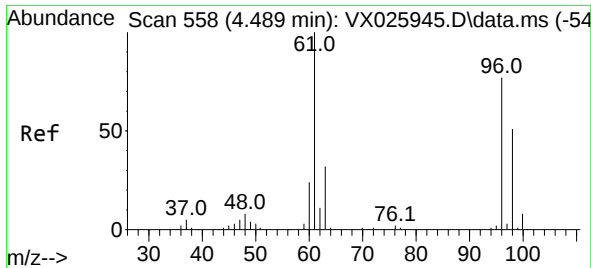
Tgt Ion: 85 Resp: 807
 Ion Ratio Lower Upper
 85 100
 87 30.7 25.8 38.6



#6
 Bromomethane
 Concen: 1.012 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX025956.D
 Acq: 21 Dec 2021 14:59

Tgt Ion: 94 Resp: 837
 Ion Ratio Lower Upper
 94 100
 96 110.2 66.7 123.9

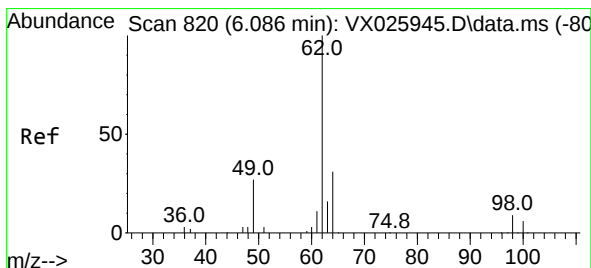
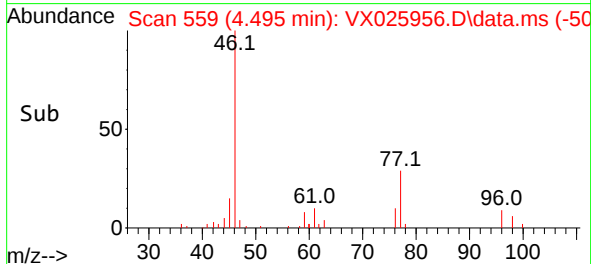
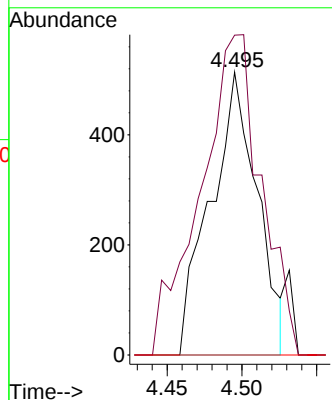
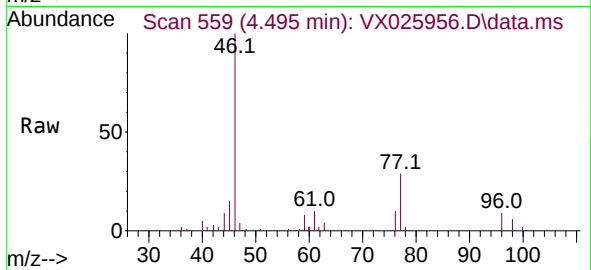




#20
 cis-1,2-Dichloroethene
 Concen: 1.037 ug/L
 RT: 4.495 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VX025956.D
 Acq: 21 Dec 2021 14:59

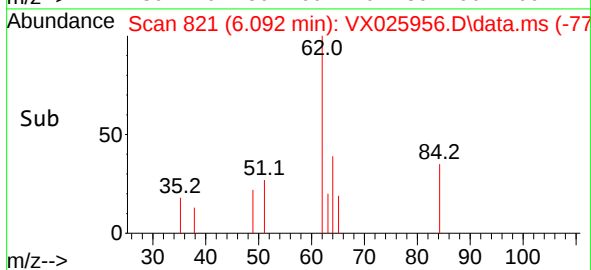
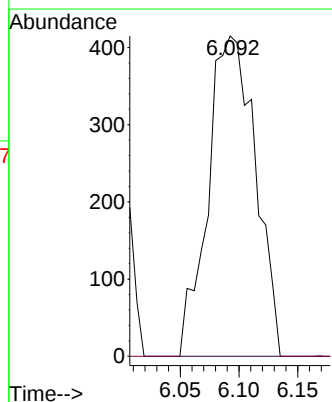
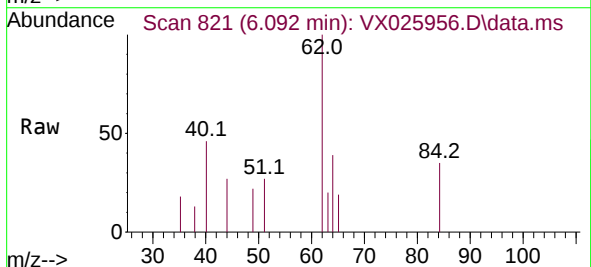
Instrument :
 MSVOA_X
 ClientSampleId :

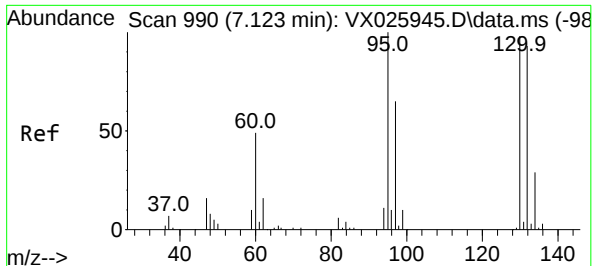
Tgt Ion: 96 Resp: 1117
 Ion Ratio Lower Upper
 96 100
 61 113.0 82.3 152.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.777 ug/L
 RT: 6.092 min Scan# 821
 Delta R.T. 0.006 min
 Lab File: VX025956.D
 Acq: 21 Dec 2021 14:59

Tgt Ion: 62 Resp: 1166
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#

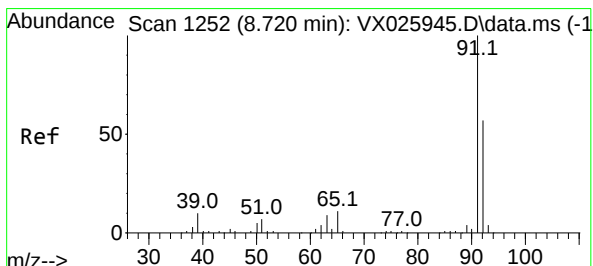
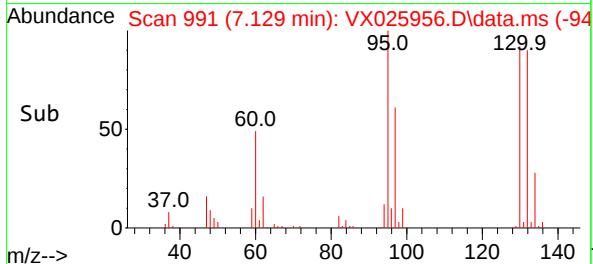
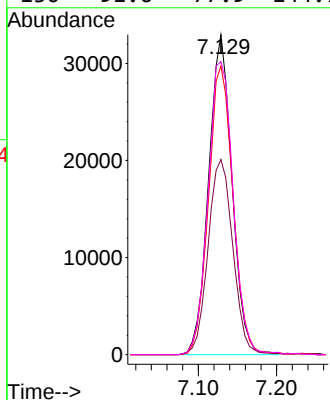
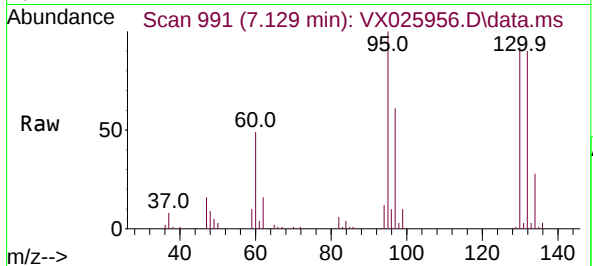




#34
Trichloroethene
Concen: 50.884 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025956.D
Acq: 21 Dec 2021 14:59

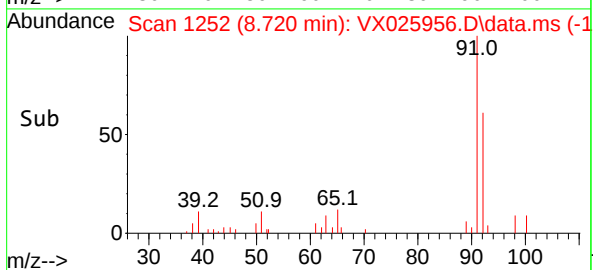
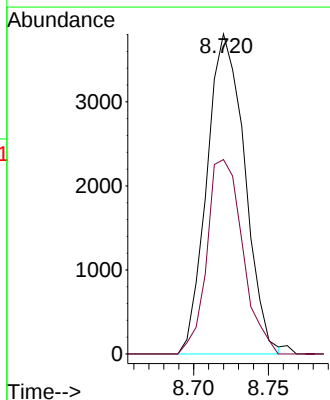
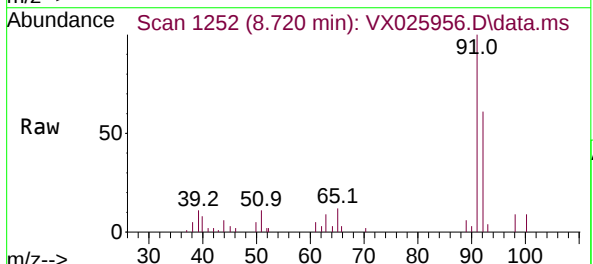
Instrument :
MSVOA_X
ClientSampleId :

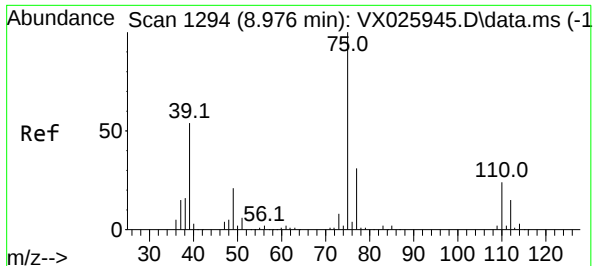
Tgt Ion: 95 Resp: 68434
Ion Ratio Lower Upper
95 100
97 61.0 46.0 85.4
132 90.3 75.0 139.2
130 91.6 77.9 144.7



#42
Toluene
Concen: 1.194 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025956.D
Acq: 21 Dec 2021 14:59

Tgt Ion: 91 Resp: 6697
Ion Ratio Lower Upper
91 100
92 60.7 41.2 76.6

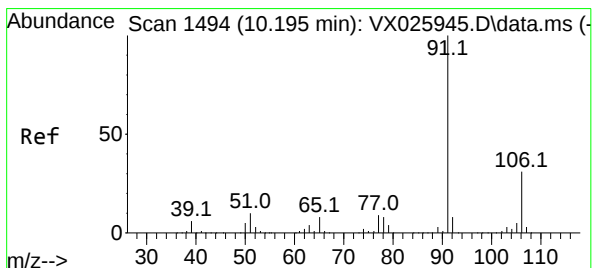
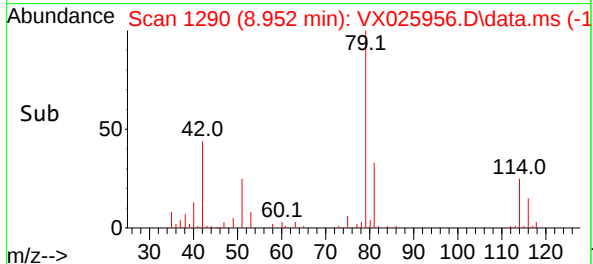
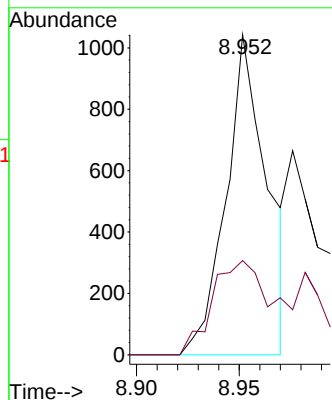
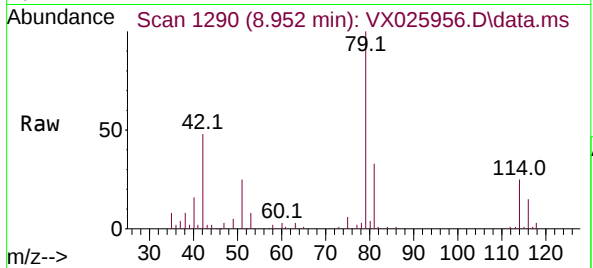




#44
trans-1,3-Dichloropropene
Concen: 0.806 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX025956.D
Acq: 21 Dec 2021 14:59

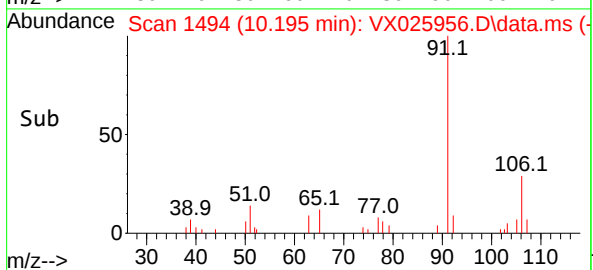
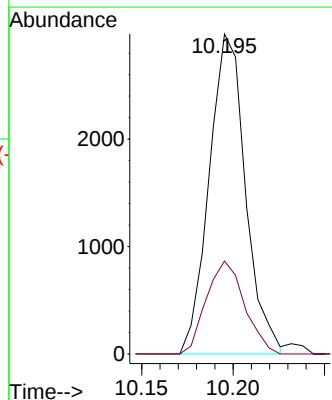
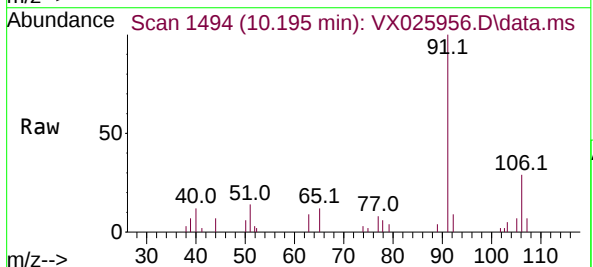
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MSVOA_X
ClientSampleId :

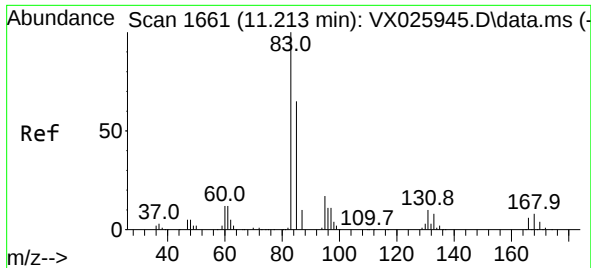
Tgt Ion: 75 Resp: 1436
Ion Ratio Lower Upper
75 100
77 29.4 23.0 42.8



#52
Ethylbenzene
Concen: 0.685 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025956.D
Acq: 21 Dec 2021 14:59

Tgt Ion: 91 Resp: 4121
Ion Ratio Lower Upper
91 100
106 29.0 23.1 42.9





#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.736 ug/L
 RT: 11.207 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VX025956.D
 Acq: 21 Dec 2021 14:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 83 Resp: 1535
 Ion Ratio Lower Upper
 83 100
 85 74.7 47.0 87.2
 131 41.1 8.5 12.7#

