

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026060.D
 Acq On : 27 Dec 2021 14:36
 Operator : JC/MD
 Sample : M5123-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 01:31:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

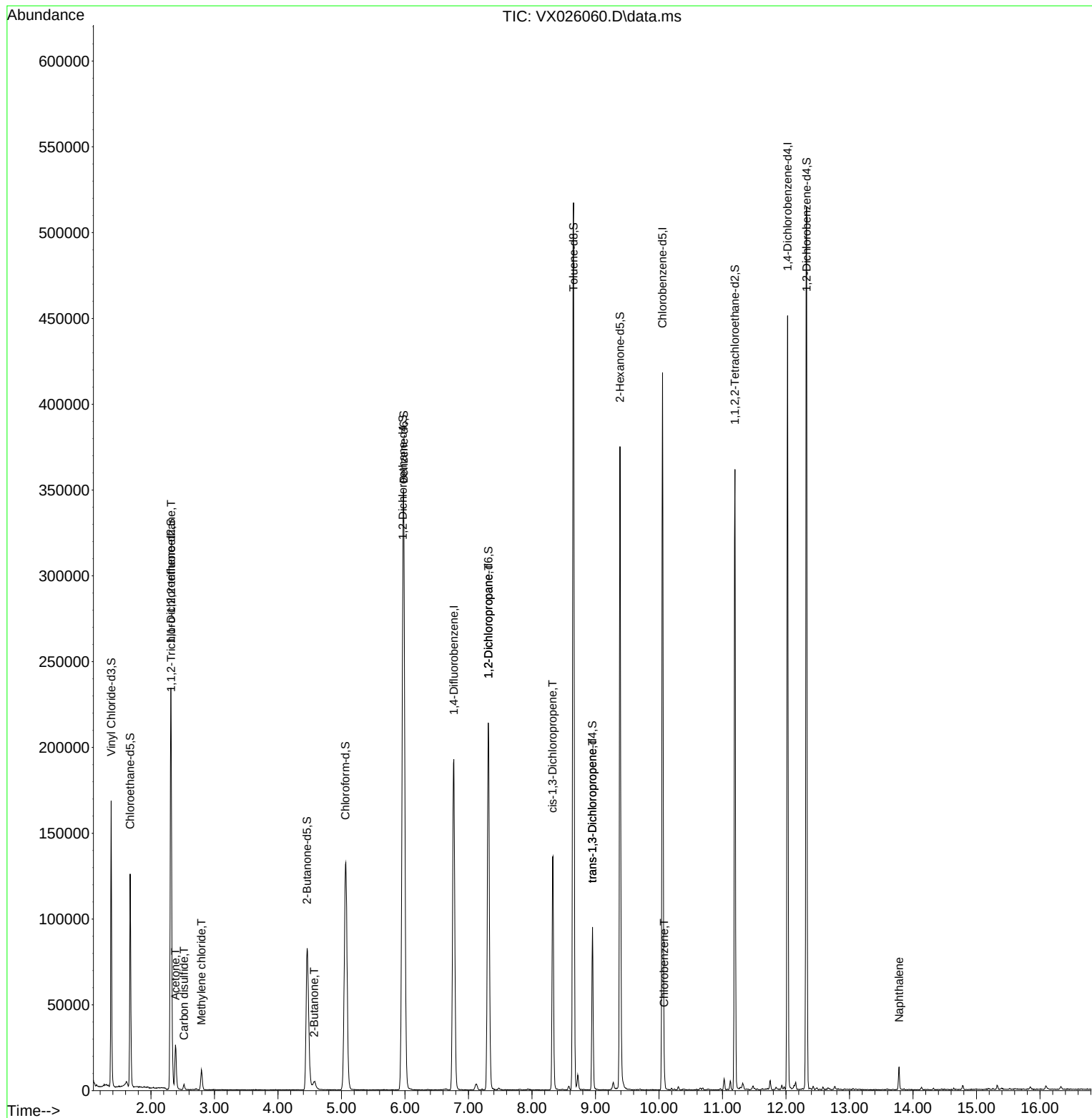
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	194311	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177910	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86669	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	96016	69.681	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 139.360%#			
7) Chloroethane-d5	1.673	69	73129	66.409	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 132.820%#			
11) 1,1-Dichloroethene-d2	2.313	63	132596	48.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.120%			
21) 2-Butanone-d5	4.459	46	148773	124.532	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 124.530%			
24) Chloroform-d	5.062	84	164227	59.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.120%			
26) 1,2-Dichloroethane-d4	5.964	65	111578	59.764	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 119.520%			
32) Benzene-d6	5.983	84	338107	66.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.060%#			
36) 1,2-Dichloropropane-d6	7.312	67	103062	64.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 129.500%#			
41) Toluene-d8	8.653	98	297251	62.170	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.340%#			
43) trans-1,3-Dichloroprop...	8.952	79	40516	58.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 117.000%			
47) 2-Hexanone-d5	9.385	63	102844	125.187	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.190%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	132865	56.607	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.220%			
66) 1,2-Dichlorobenzene-d4	12.323	152	103968	63.482	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 126.960%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	1354	0.970	ug/L #	17
13) Acetone	2.386	43	28249	43.253	ug/L	95
14) Carbon disulfide	2.520	76	3491	0.968	ug/L	97
16) Methylene chloride	2.794	84	4574	3.013	ug/L	81
22) 2-Butanone	4.568	43	7443	6.121	ug/L	95
37) 1,2-Dichloropropane	7.312	63	12265	8.553	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	3211	1.558	ug/L #	71
44) trans-1,3-Dichloropropene	8.952	75	1985	1.015	ug/L	89
51) Chlorobenzene	10.080	112	3872	1.022	ug/L #	87
71) Naphthalene	13.780	128	7902	1.316	ug/L	100

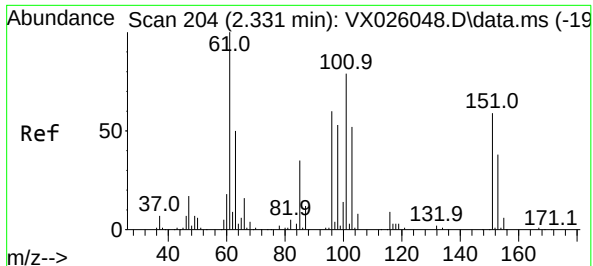
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 28 01:31:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 23 21:00:32 2021
Response via : Initial Calibration

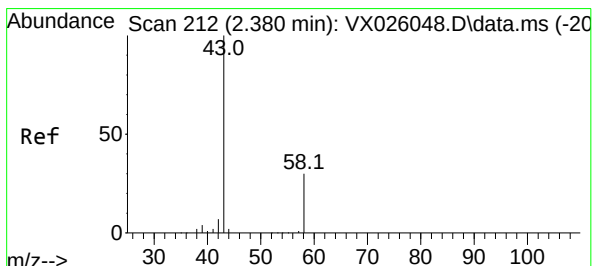
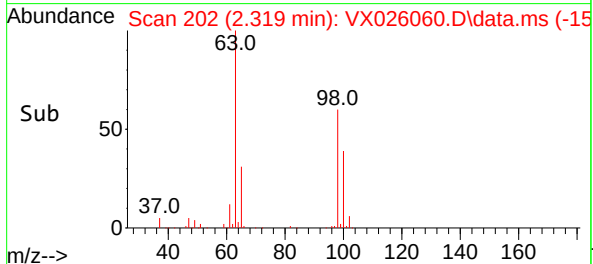
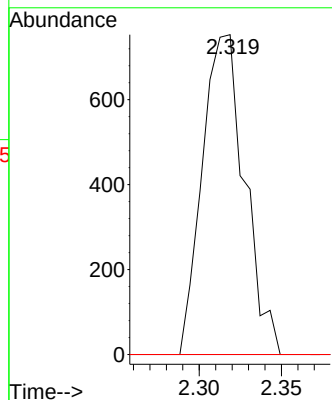
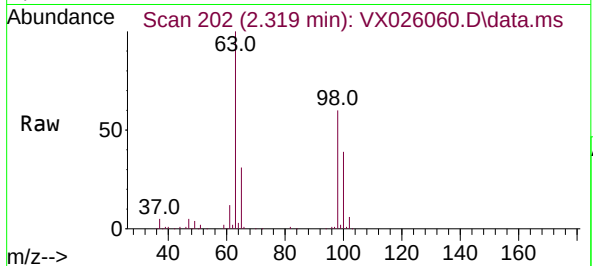




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.970 ug/L
 RT: 2.319 min Scan# 204
 Delta R.T. -0.012 min
 Lab File: VX026060.D
 Acq: 27 Dec 2021 14:36

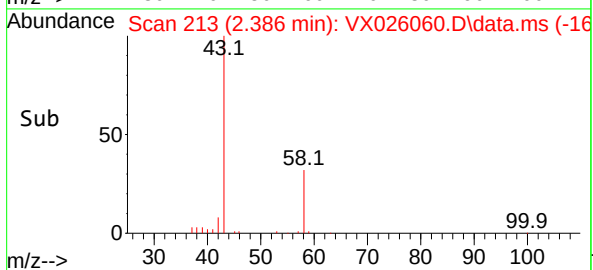
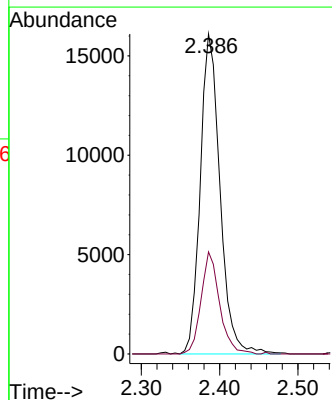
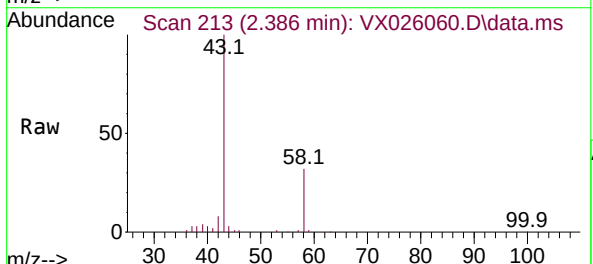
Instrument :
 MSVOA_X
 ClientSampleId :

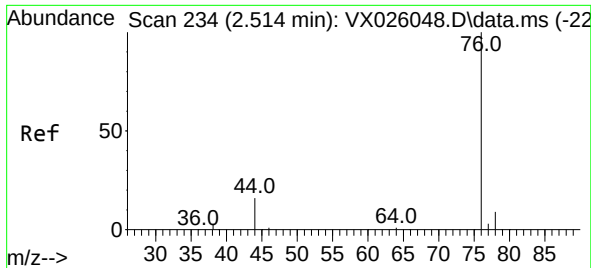
Tgt Ion:101 Resp: 1354
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.3 51.5#
 151 0.0 65.2 97.8#



#13
 Acetone
 Concen: 43.253 ug/L
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX026060.D
 Acq: 27 Dec 2021 14:36

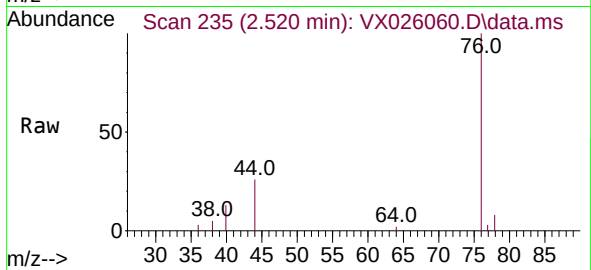
Tgt Ion: 43 Resp: 28249
 Ion Ratio Lower Upper
 43 100
 58 29.8 0.0 65.6



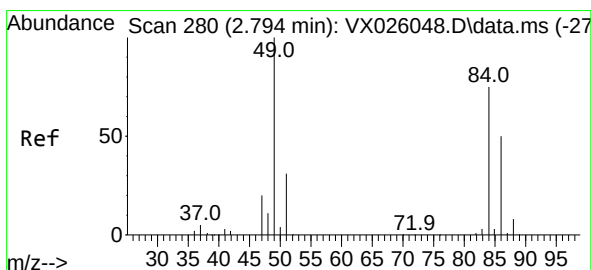
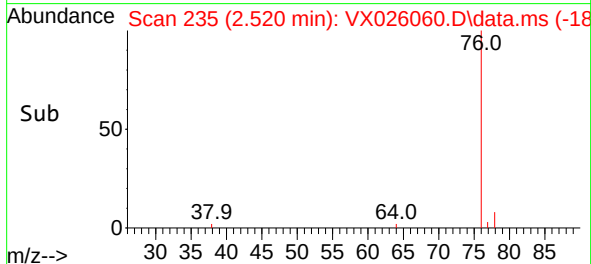
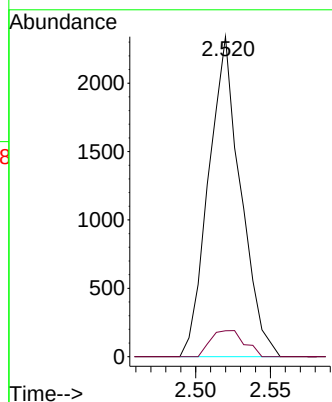


#14
Carbon disulfide
Concen: 0.968 ug/L
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026060.D
Acq: 27 Dec 2021 14:36

Instrument :
MSVOA_X
ClientSampleId :

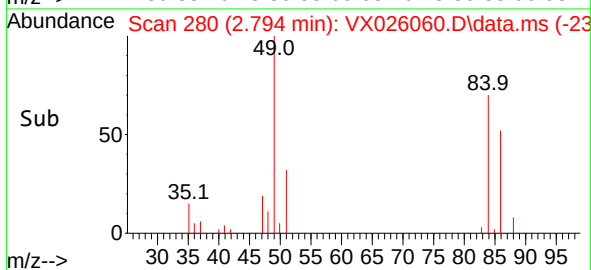
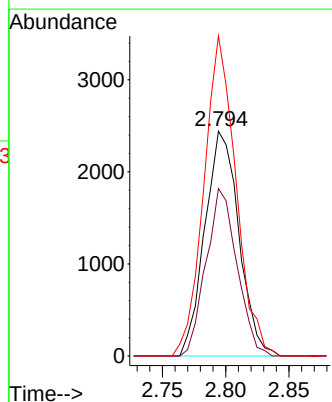
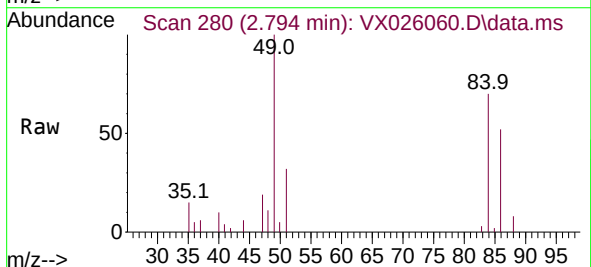


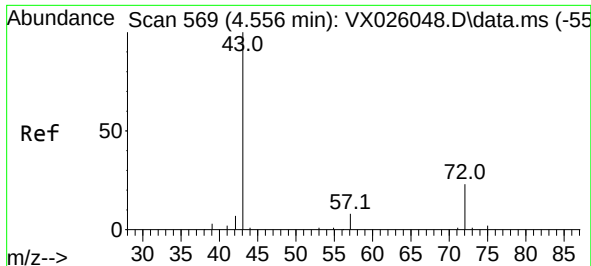
Tgt Ion: 76 Resp: 3491
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#16
Methylene chloride
Concen: 3.013 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026060.D
Acq: 27 Dec 2021 14:36

Tgt Ion: 84 Resp: 4574
Ion Ratio Lower Upper
84 100
86 74.5 45.1 83.9
49 142.3 82.3 152.8

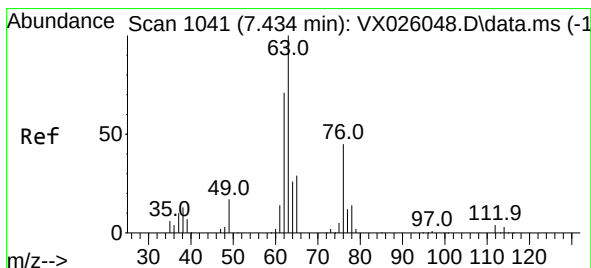
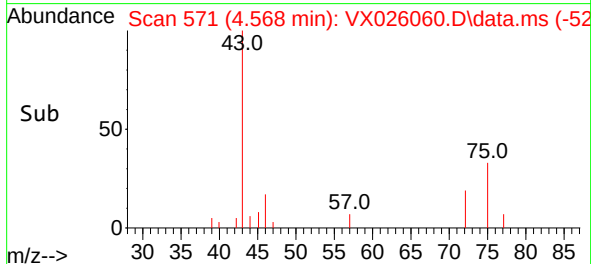
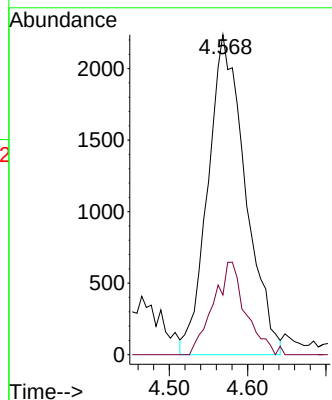
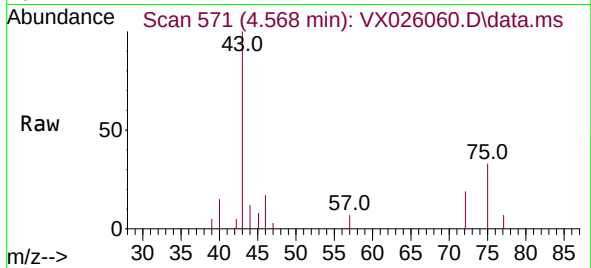




#22
2-Butanone
Concen: 6.121 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX026060.D
Acq: 27 Dec 2021 14:36

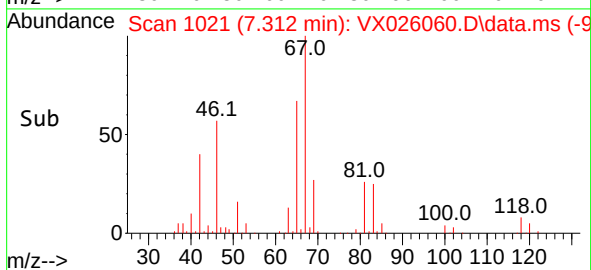
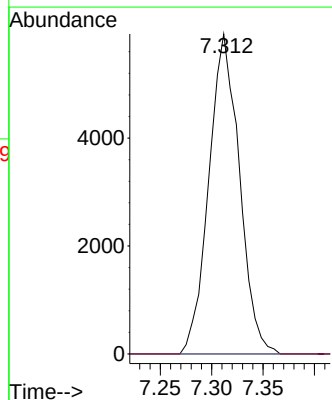
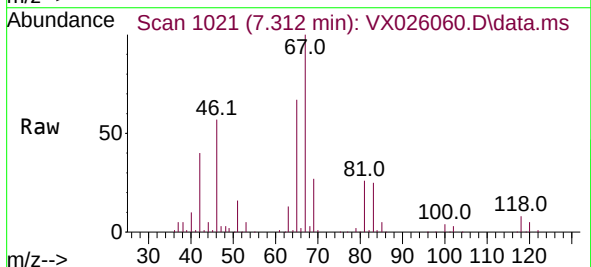
Instrument :
MSVOA_X
ClientSampleId :

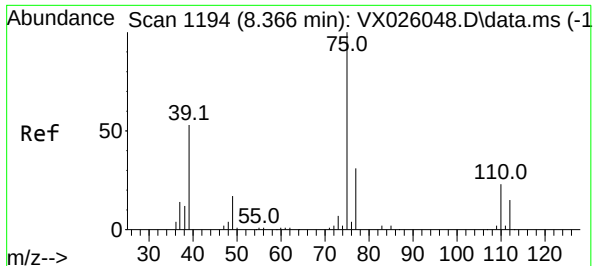
Tgt Ion: 43 Resp: 7443
Ion Ratio Lower Upper
43 100
72 24.7 13.8 41.3



#37
1,2-Dichloropropane
Concen: 8.553 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX026060.D
Acq: 27 Dec 2021 14:36

Tgt Ion: 63 Resp: 12265
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.558 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX026060.D

Acq: 27 Dec 2021 14:36

Instrument :

MSVOA_X

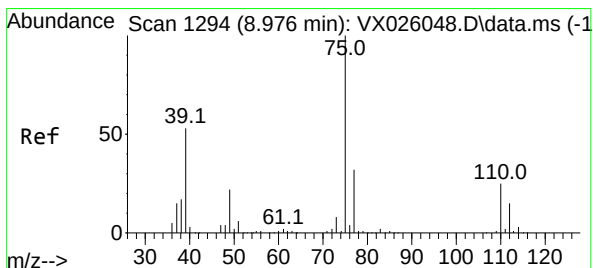
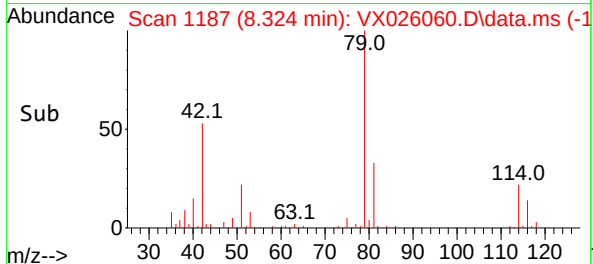
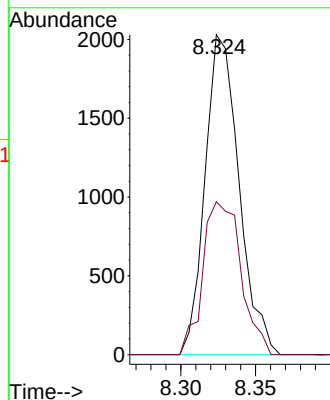
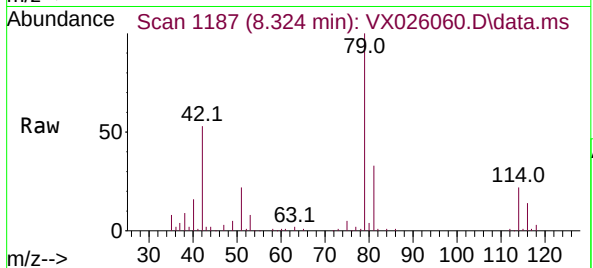
ClientSampleId :

Tgt Ion: 75 Resp: 3211

Ion Ratio Lower Upper

75 100

77 47.8 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 1.015 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.030 min

Lab File: VX026060.D

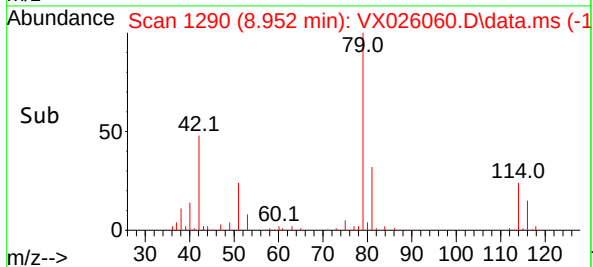
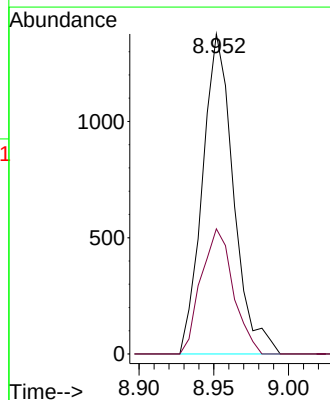
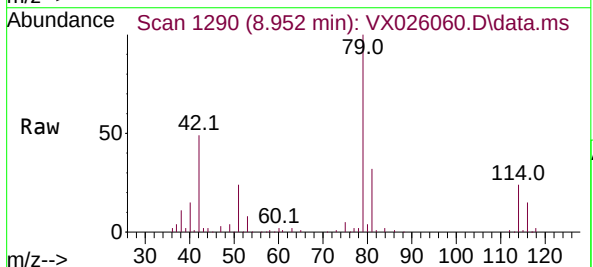
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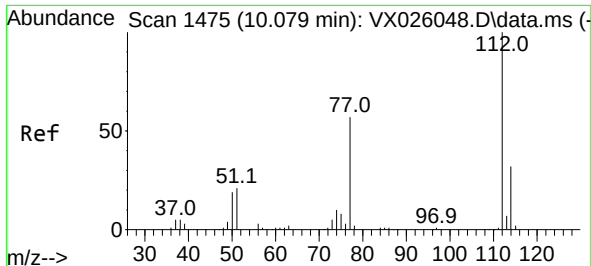
Tgt Ion: 75 Resp: 1985

Ion Ratio Lower Upper

75 100

77 39.1 23.0 42.8

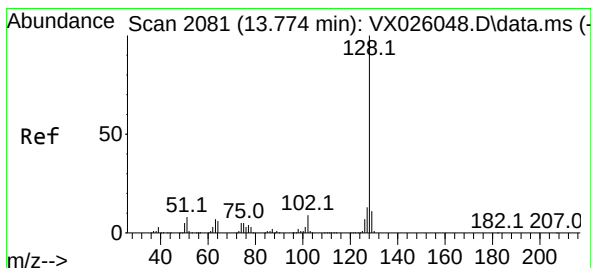
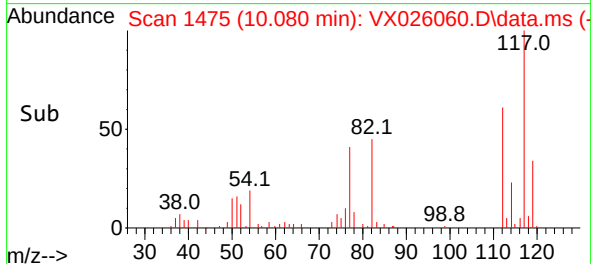
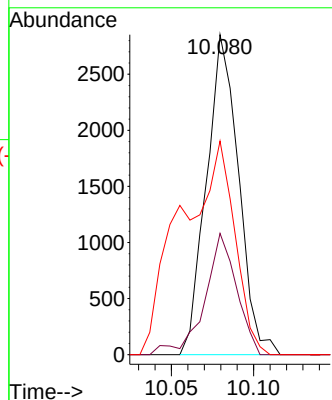
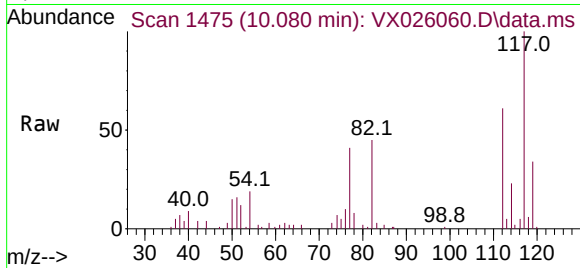




#51
Chlorobenzene
Concen: 1.022 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026060.D
Acq: 27 Dec 2021 14:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:112 Resp: 3872
Ion Ratio Lower Upper
112 100
114 37.9 22.5 41.9
77 66.8 44.5 66.7#



#71
Naphthalene
Concen: 1.316 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026060.D
Acq: 27 Dec 2021 14:36

Tgt Ion:128 Resp: 7902
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 11.3 8.7 13.1

