

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039280.D
 Acq On : 16 Dec 2023 11:17
 Operator : JC/MD
 Sample : 05844-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 21:11:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

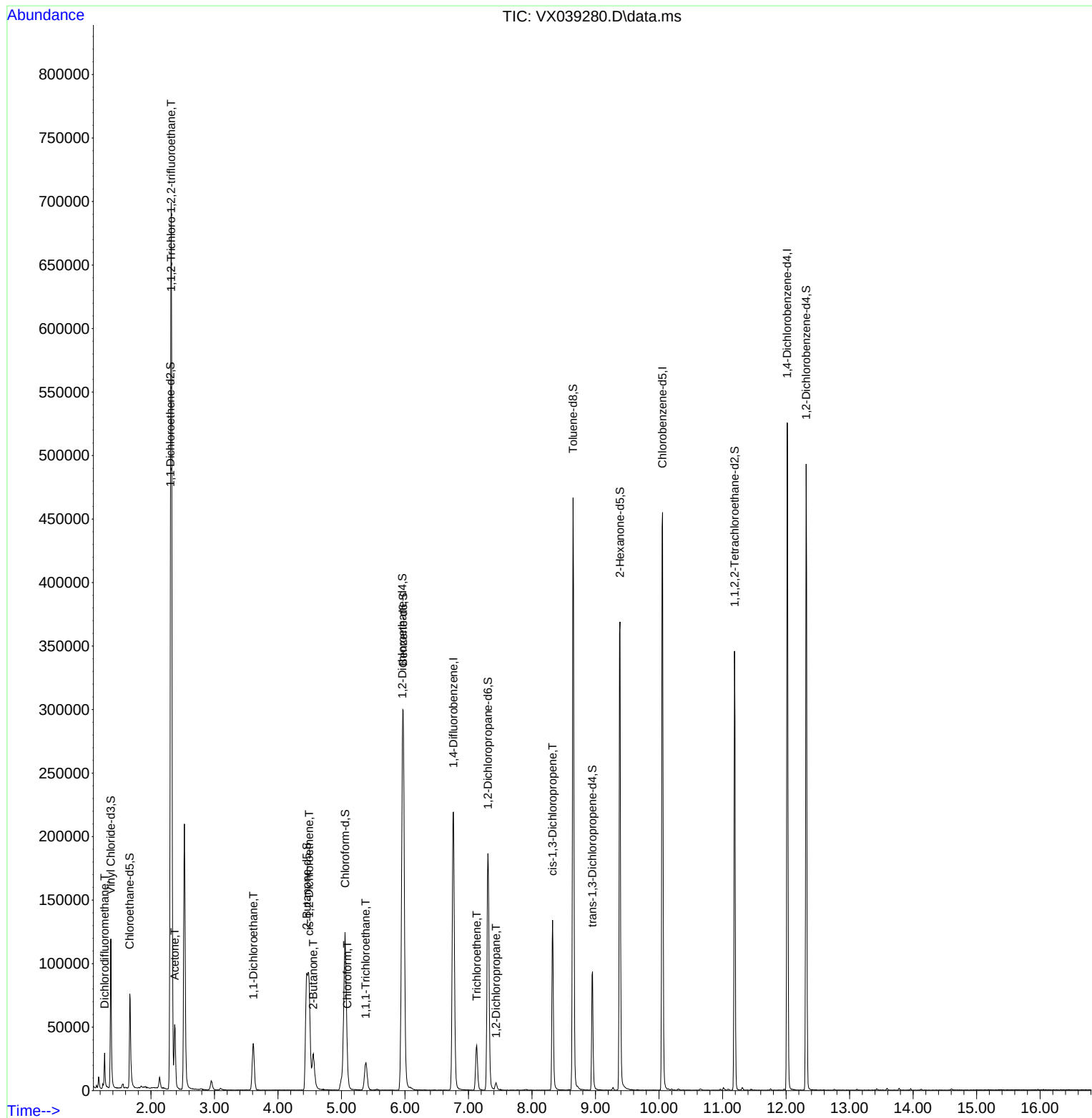
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	215697	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	202515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	97593	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73071	43.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.380%		
7) Chloroethane-d5	1.666	69	54819	43.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.680%		
11) 1,1-Dichloroethene-d2	2.307	65	36669	49.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.760%		
21) 2-Butanone-d5	4.452	46	145079	94.735	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.730%		
24) Chloroform-d	5.056	84	144188	48.145	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.280%		
26) 1,2-Dichloroethane-d4	5.958	65	100051	51.584	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.160%		
32) Benzene-d6	5.970	84	296541	47.446	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.900%		
36) 1,2-Dichloropropane-d6	7.306	67	94614	47.039	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.080%		
41) Toluene-d8	8.647	98	265594	46.892	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.780%		
43) trans-1,3-Dichloroprop...	8.952	79	44164	43.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.300%		
47) 2-Hexanone-d5	9.384	63	105572	87.879	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.880%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131710	46.160	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.320%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89148	48.327	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	1646	0.957	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	2152	1.457	ug/L #	49
13) Acetone	2.374	43	51551	35.040	ug/L	96
19) 1,1-Dichloroethane	3.611	63	41649	14.387	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	43531	25.634	ug/L	98
22) 2-Butanone	4.556	43	48932	27.101	ug/L	99
25) Chloroform	5.093	83	5174	1.792	ug/L	92
30) 1,1,1-Trichloroethane	5.379	97	19530	7.948	ug/L	94
34) Trichloroethene	7.129	95	14154	8.322	ug/L	97
37) 1,2-Dichloropropane	7.434	63	2540	1.423	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3622	1.272	ug/L #	71

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

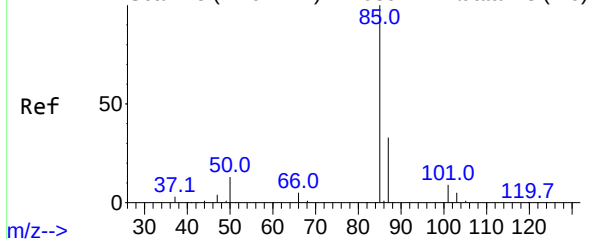
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
Data File : VX039280.D
Acq On : 16 Dec 2023 11:17
Operator : JC/MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

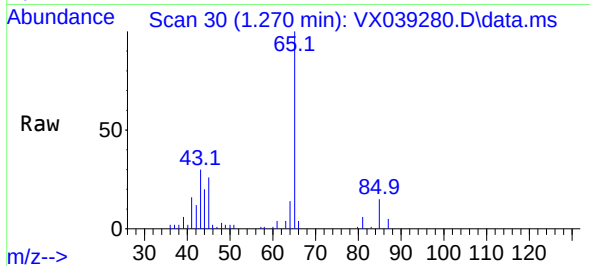


Abundance Scan 13 (1.167 min): VX039277.D\data.ms (-10)

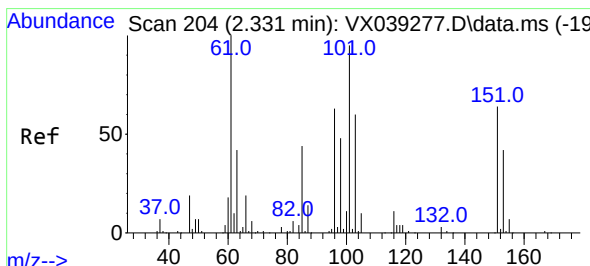
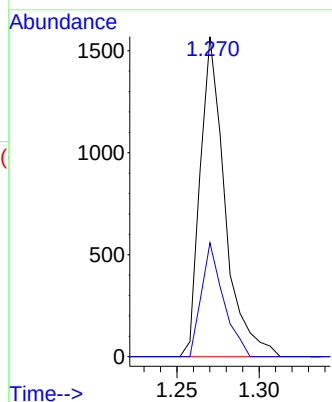
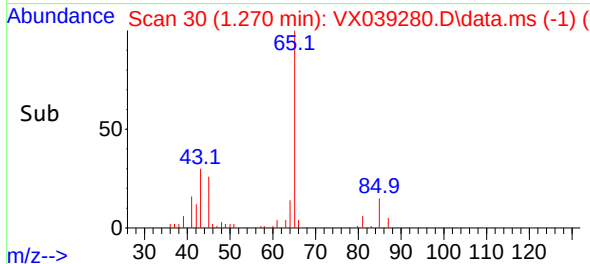


#2
Dichlorodifluoromethane
Concen: 0.957 ug/L
RT: 1.270 min Scan# 30
Delta R.T. 0.104 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17

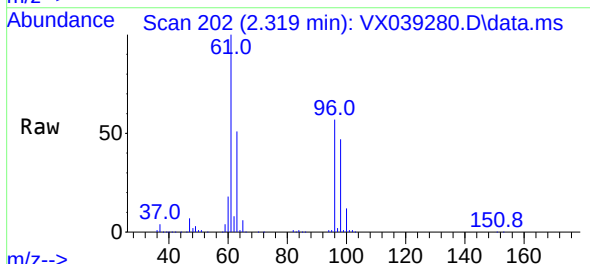
Instrument :
MSVOA_X
ClientSampleId :



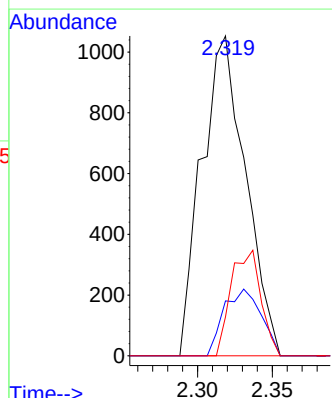
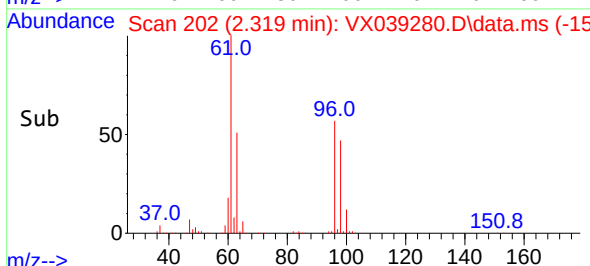
Tgt Ion: 85 Resp: 1646
Ion Ratio Lower Upper
85 100
87 31.7 26.2 39.4

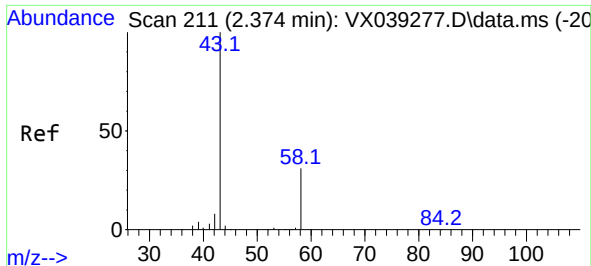


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.457 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17



Tgt Ion: 101 Resp: 2152
Ion Ratio Lower Upper
101 100
85 17.7 35.8 53.6#
151 22.4 55.4 83.2#





#13

Acetone

Concen: 35.040 ug/L

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

Instrument :

MSVOA_X

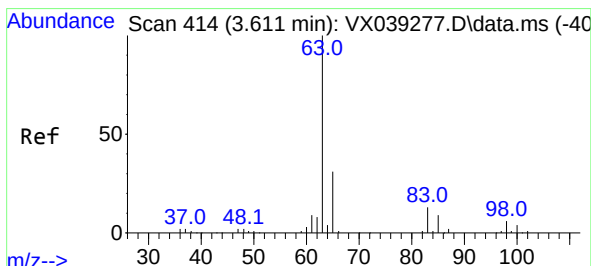
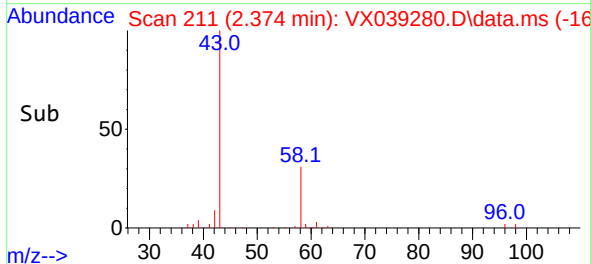
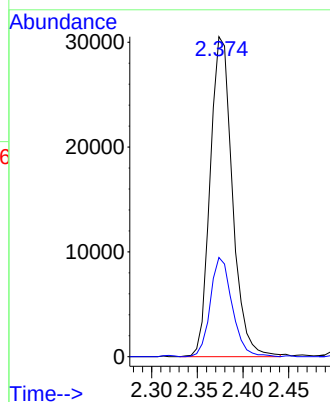
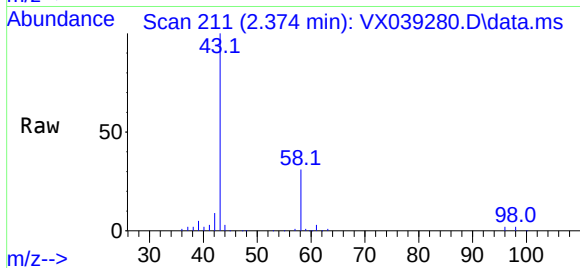
ClientSampleId :

Tgt Ion: 43 Resp: 51551

Ion Ratio Lower Upper

43 100

58 30.5 0.0 65.8



#19

1,1-Dichloroethane

Concen: 14.387 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.006 min

Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

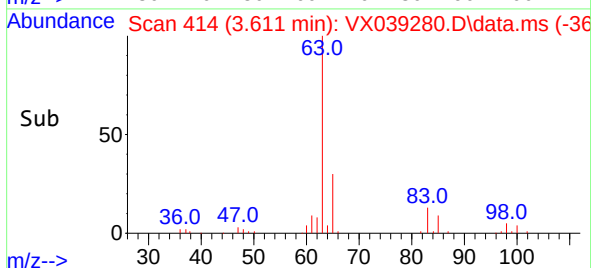
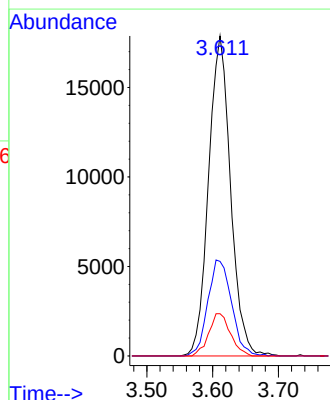
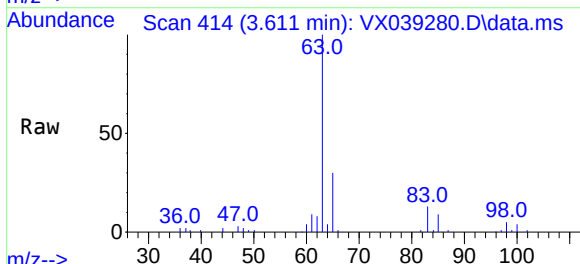
Tgt Ion: 63 Resp: 41649

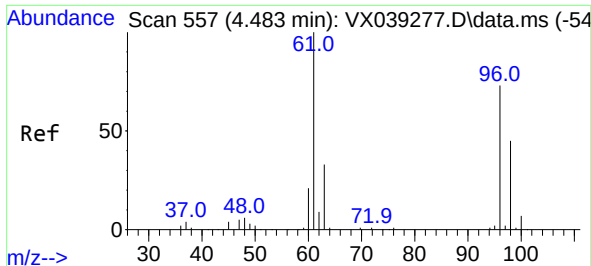
Ion Ratio Lower Upper

63 100

65 29.6 21.1 39.3

83 13.2 9.7 17.9

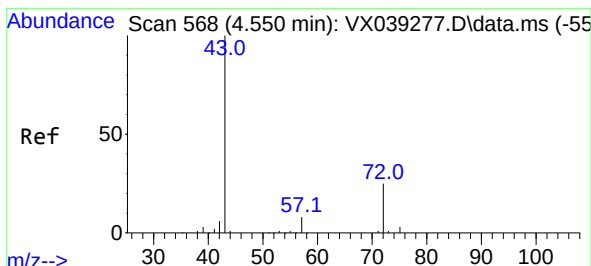
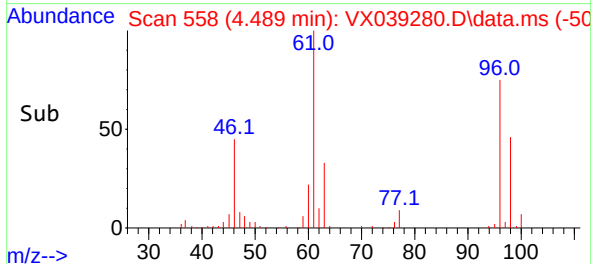
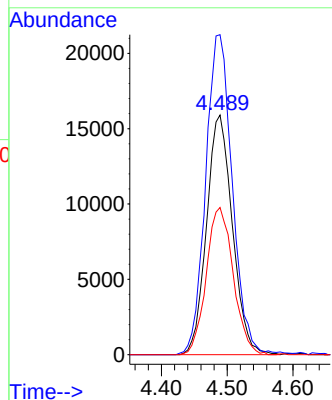
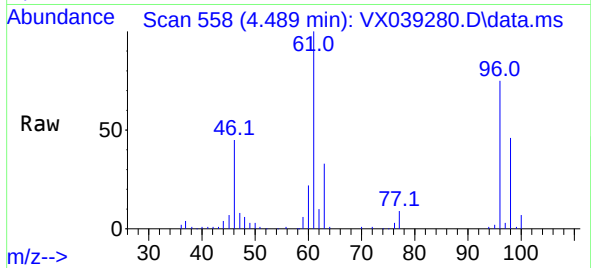




#20
cis-1,2-Dichloroethene
Concen: 25.634 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17

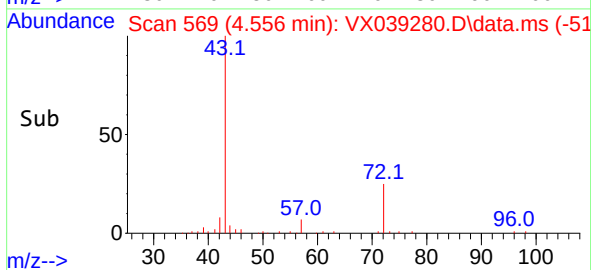
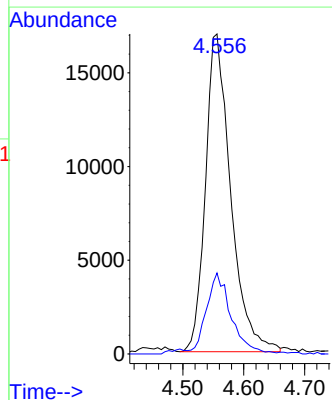
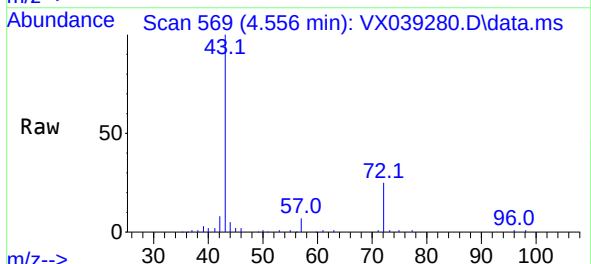
Instrument :
MSVOA_X
ClientSampleId :

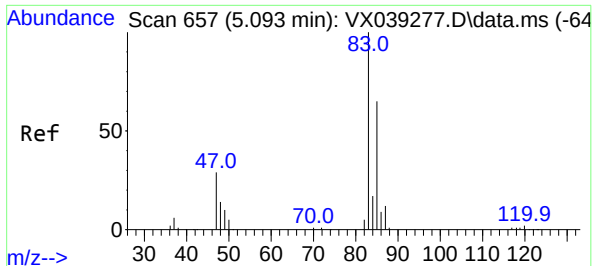
Tgt Ion: 96 Resp: 43531
Ion Ratio Lower Upper
96 100
61 133.5 91.7 170.3
98 61.4 44.2 82.2



#22
2-Butanone
Concen: 27.101 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17

Tgt Ion: 43 Resp: 48932
Ion Ratio Lower Upper
43 100
72 24.6 12.6 37.6





#25

Chloroform

Concen: 1.792 ug/L

RT: 5.093 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

Instrument :

MSVOA_X

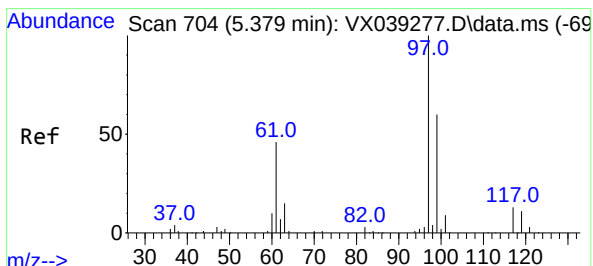
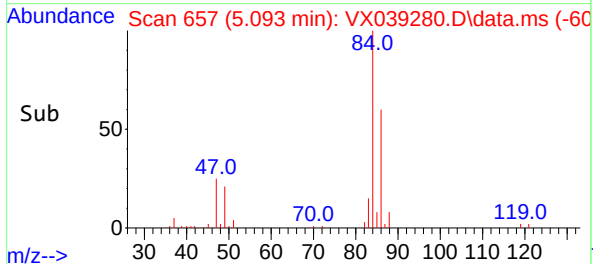
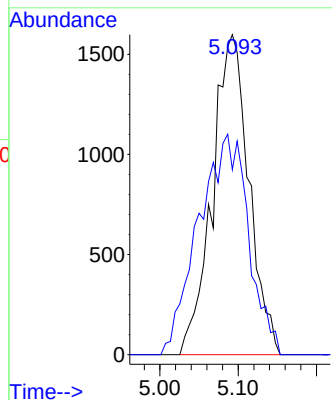
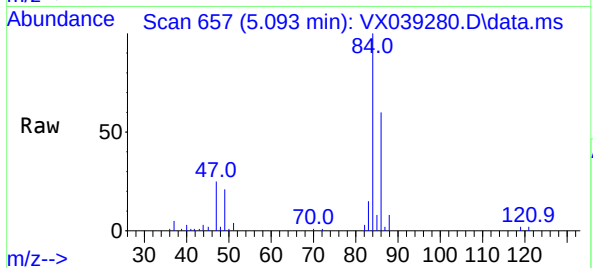
ClientSampleId :

Tgt Ion: 83 Resp: 5174

Ion Ratio Lower Upper

83 100

85 57.8 45.1 83.7



#30

1,1,1-Trichloroethane

Concen: 7.948 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX039280.D

Acq: 16 Dec 2023 11:17

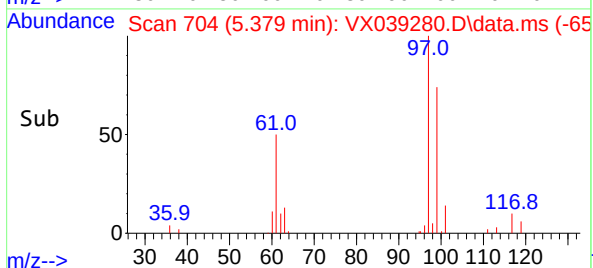
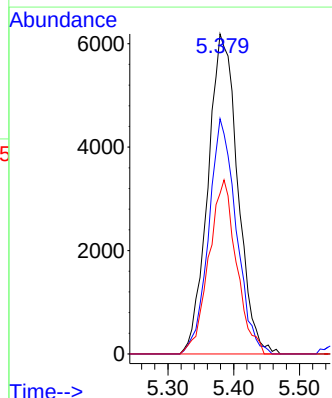
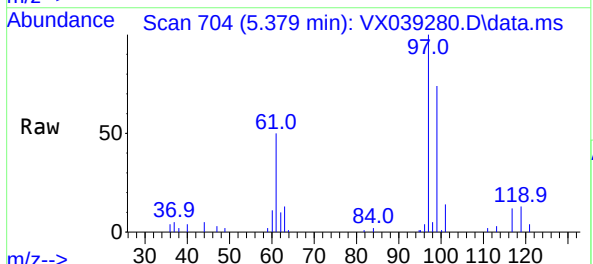
Tgt Ion: 97 Resp: 19530

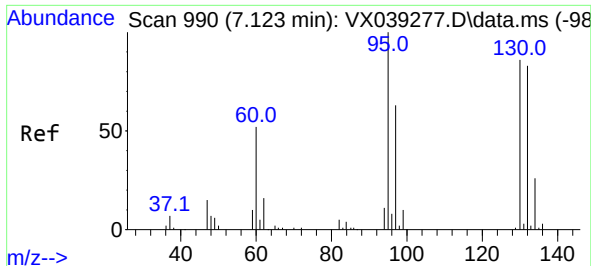
Ion Ratio Lower Upper

97 100

99 68.0 51.0 76.4

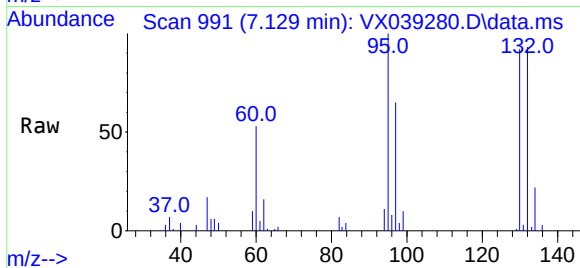
61 50.5 36.7 55.1



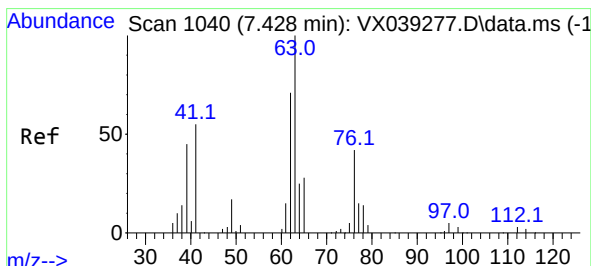
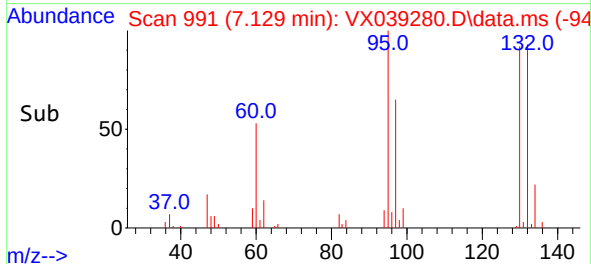
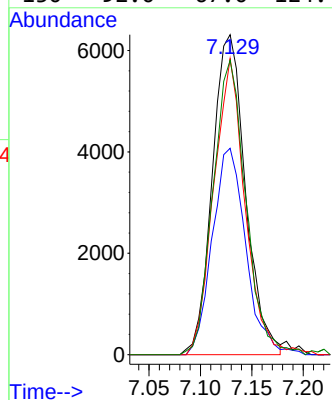


#34
Trichloroethene
Concen: 8.322 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17

Instrument :
MSVOA_X
ClientSampleId :

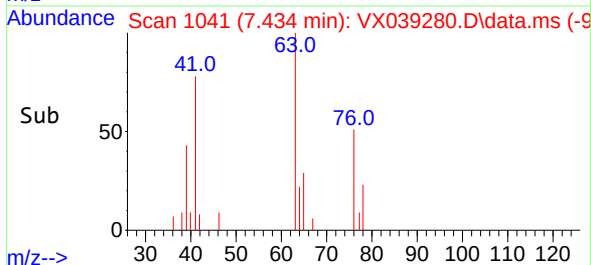
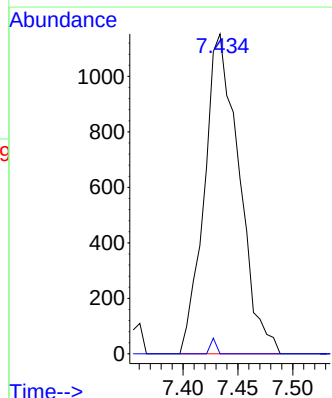
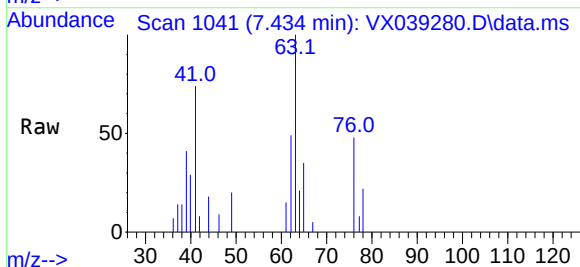


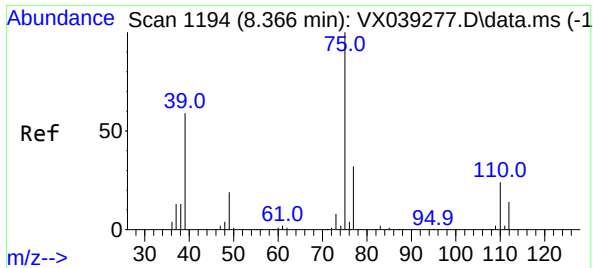
Tgt Ion: 95 Resp: 14154
Ion Ratio Lower Upper
95 100
97 64.5 45.5 84.5
132 92.6 62.2 115.4
130 92.0 67.0 124.4



#37
1,2-Dichloropropane
Concen: 1.423 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039280.D
Acq: 16 Dec 2023 11:17

Tgt Ion: 63 Resp: 2540
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#39
 cis-1,3-Dichloropropene
 Concen: 1.272 ug/L
 RT: 8.324 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VX039280.D
 Acq: 16 Dec 2023 11:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 3622
 Ion Ratio Lower Upper
 75 100
 77 47.4 22.0 40.8#

