

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039270.D
 Acq On : 16 Dec 2023 07:20
 Operator : JC/MD
 Sample : 05845-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:16:20 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)

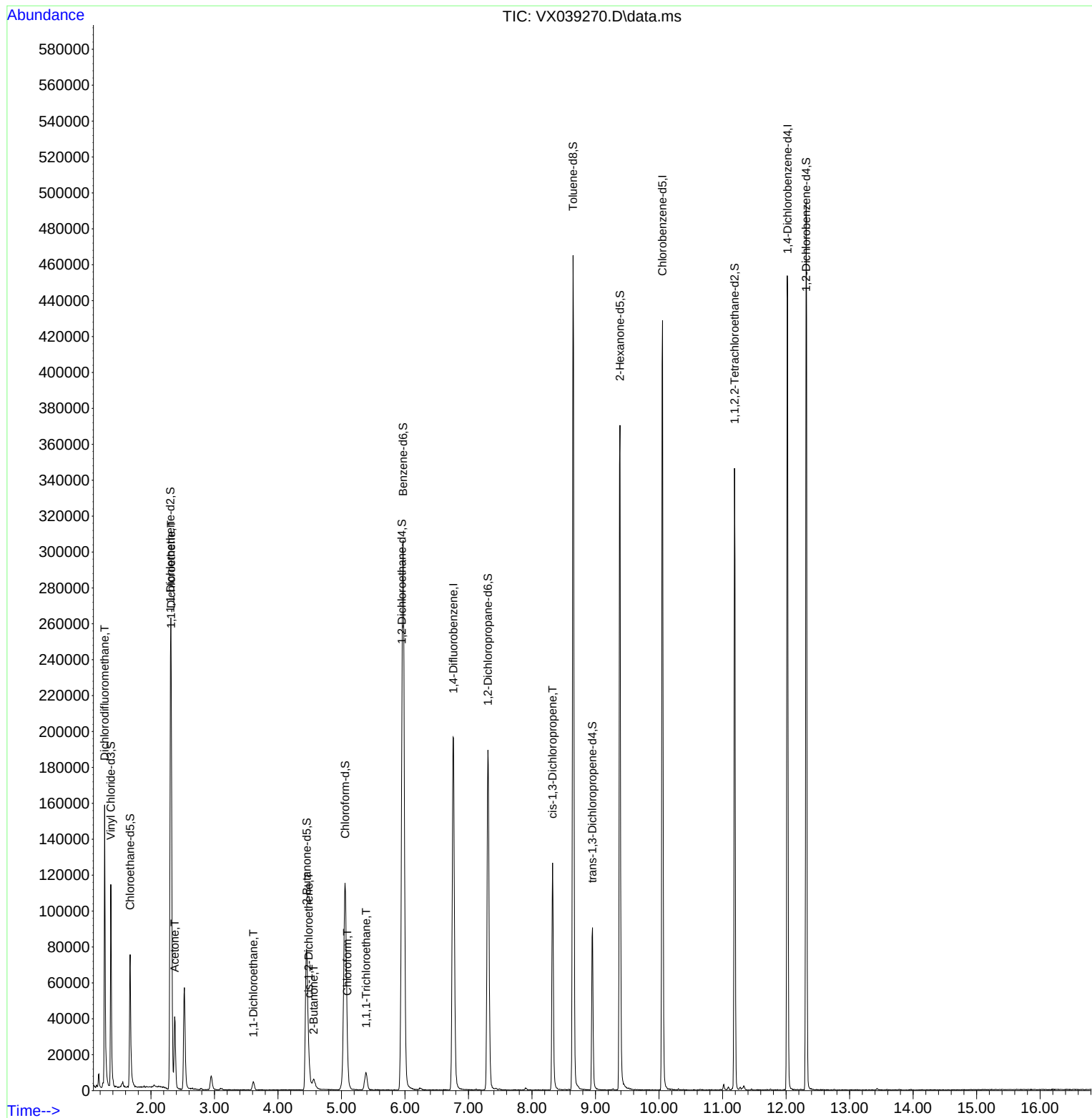
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	193466	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179298	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86713	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	75081	49.479	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.960%
7) Chloroethane-d5	1.672	69	55108	49.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.260%
11) 1,1-Dichloroethene-d2	2.306	65	37094	55.688	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.380%
21) 2-Butanone-d5	4.452	46	143034	104.132	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.130%
24) Chloroform-d	5.056	84	143339	53.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.720%
26) 1,2-Dichloroethane-d4	5.952	65	100725	57.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.800%
32) Benzene-d6	5.970	84	302613	54.687	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.380%
36) 1,2-Dichloropropane-d6	7.306	67	94742	53.202	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.400%
41) Toluene-d8	8.647	98	267304	53.305	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.952	79	42515	46.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.820%
47) 2-Hexanone-d5	9.384	63	103507	97.317	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131722	52.142	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.280%
66) 1,2-Dichlorobenzene-d4	12.317	152	91340	55.728	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.270	85	12423	8.052	ug/L	97
12) 1,1-Dichloroethene	2.319	96	35794	28.719	ug/L #	64
13) Acetone	2.373	43	41662	31.573	ug/L	98
19) 1,1-Dichloroethane	3.611	63	5202	2.003	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	2082	1.367	ug/L	84
22) 2-Butanone	4.562	43	10316	6.370	ug/L	92
25) Chloroform	5.092	83	4878	1.884	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	8785	4.038	ug/L	95
39) cis-1,3-Dichloropropene	8.324	75	3410	1.353	ug/L #	71

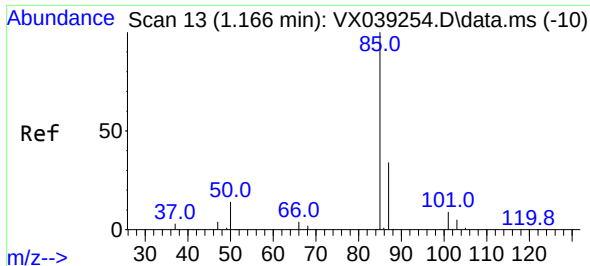
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 12 03:50:51 2023
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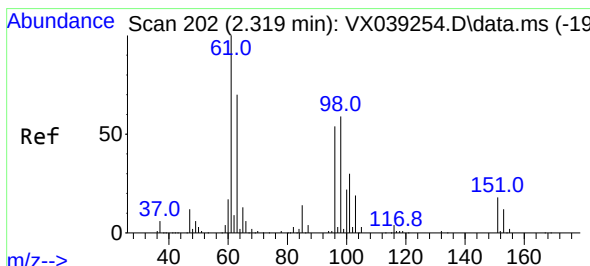
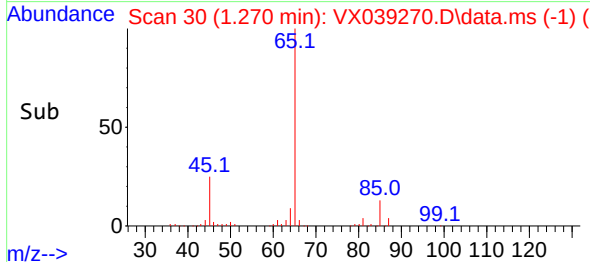
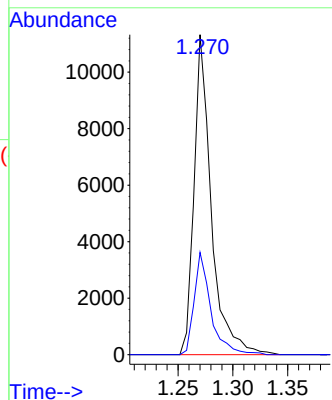
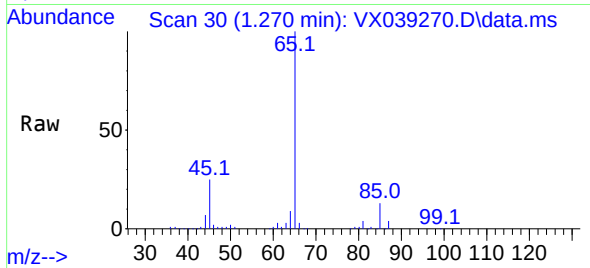




#2
 Dichlorodifluoromethane
 Concen: 8.052 ug/L
 RT: 1.270 min Scan# 30
 Delta R.T. 0.103 min
 Lab File: VX039270.D
 Acq: 16 Dec 2023 07:20

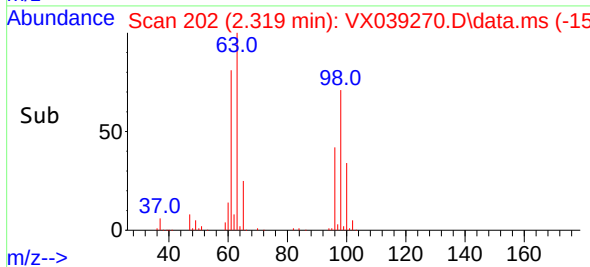
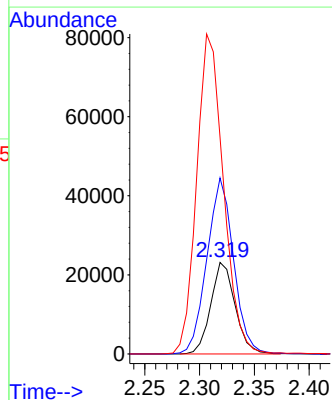
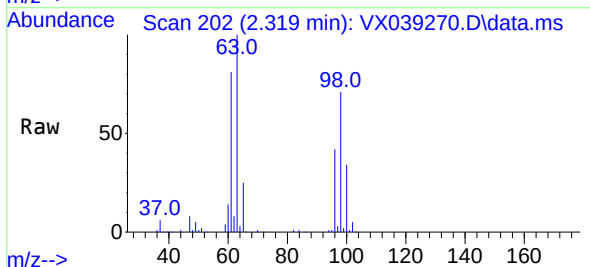
Instrument :
 MSVOA_X
 ClientSampleId :

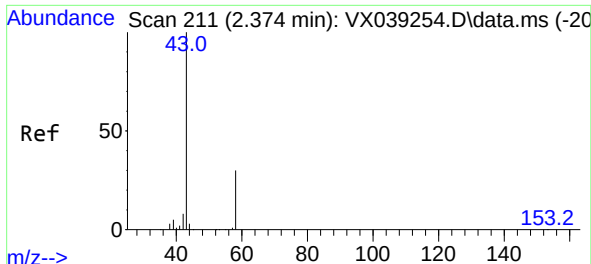
Tgt Ion: 85 Resp: 12423
 Ion Ratio Lower Upper
 85 100
 87 31.0 26.2 39.4



#12
 1,1-Dichloroethene
 Concen: 28.719 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039270.D
 Acq: 16 Dec 2023 07:20

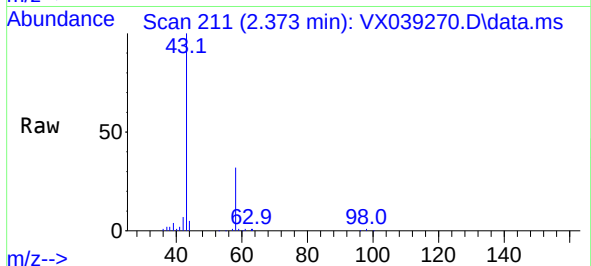
Tgt Ion: 96 Resp: 35794
 Ion Ratio Lower Upper
 96 100
 61 192.2 128.0 237.6
 63 236.5 101.5 188.5#



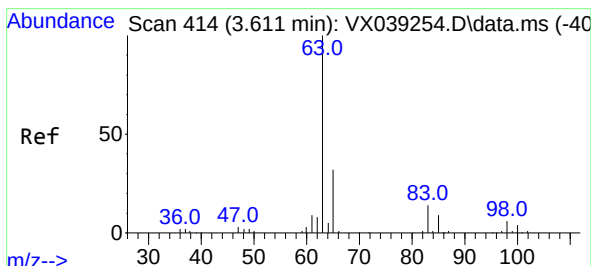
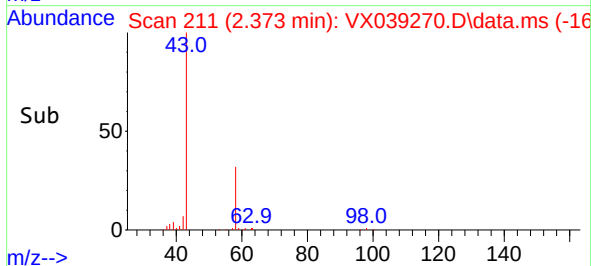
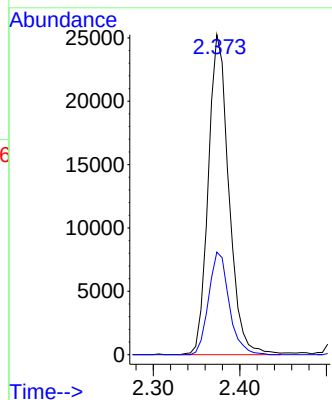


#13
Acetone
Concen: 31.573 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

Instrument :
MSVOA_X
ClientSampleId :

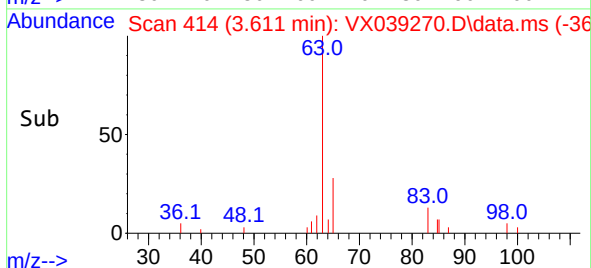
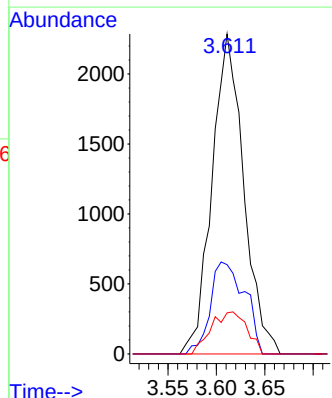
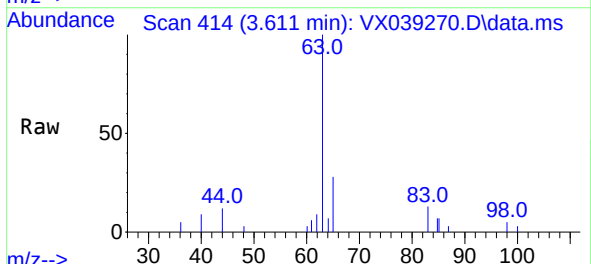


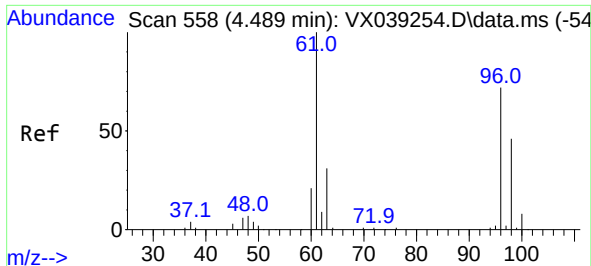
Tgt Ion: 43 Resp: 41662
Ion Ratio Lower Upper
43 100
58 31.9 0.0 65.8



#19
1,1-Dichloroethane
Concen: 2.003 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

Tgt Ion: 63 Resp: 5202
Ion Ratio Lower Upper
63 100
65 27.9 21.1 39.3
83 12.9 9.7 17.9

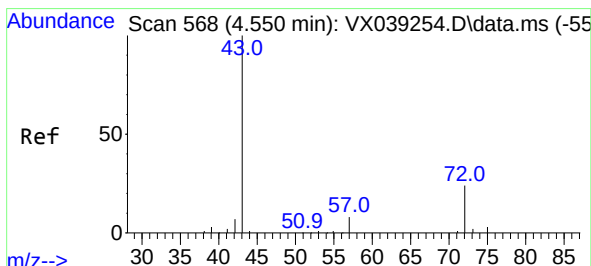
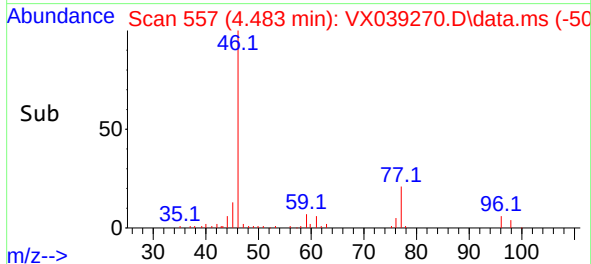
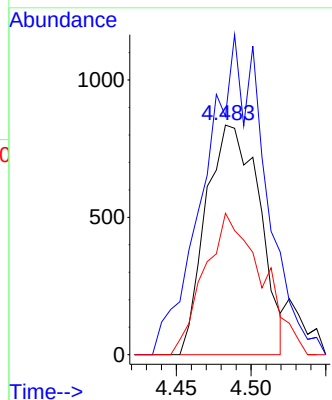
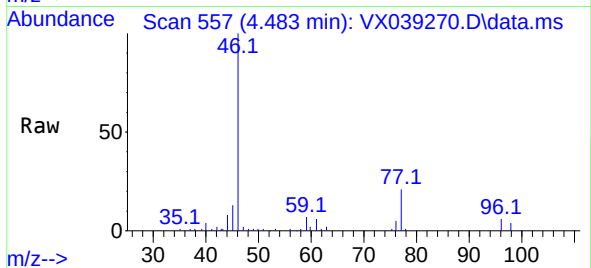




#20
cis-1,2-Dichloroethene
Concen: 1.367 ug/L
RT: 4.483 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

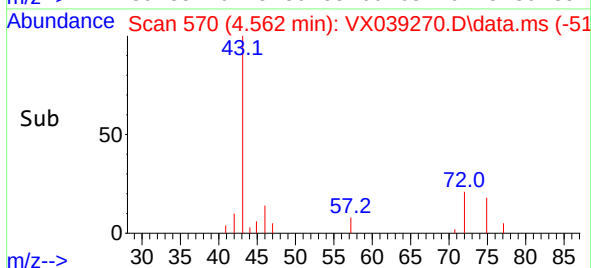
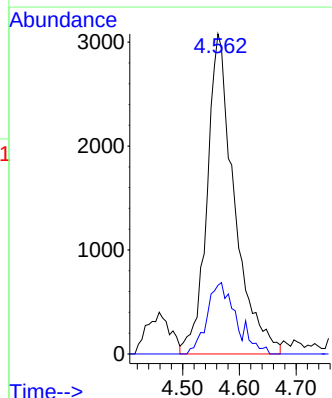
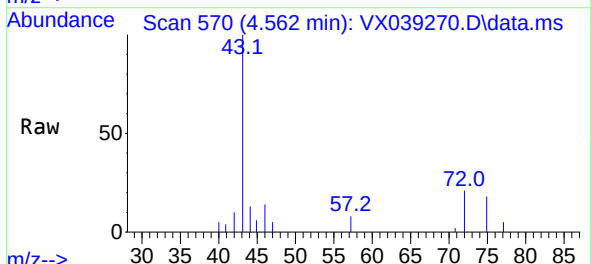
Instrument :
MSVOA_X
ClientSampleId :

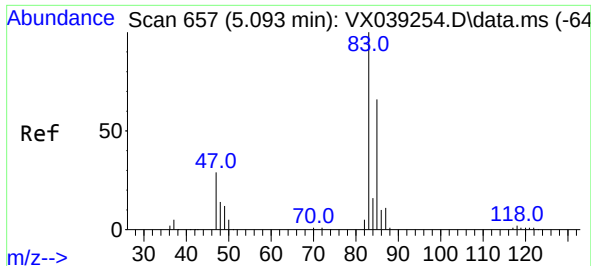
Tgt Ion: 96 Resp: 2082
Ion Ratio Lower Upper
96 100
61 103.8 91.7 170.3
98 61.6 44.2 82.2



#22
2-Butanone
Concen: 6.370 ug/L
RT: 4.562 min Scan# 570
Delta R.T. 0.018 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

Tgt Ion: 43 Resp: 10316
Ion Ratio Lower Upper
43 100
72 20.9 12.6 37.6

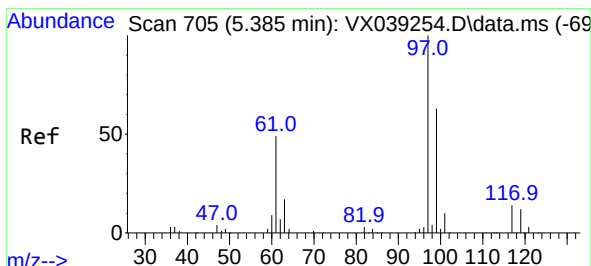
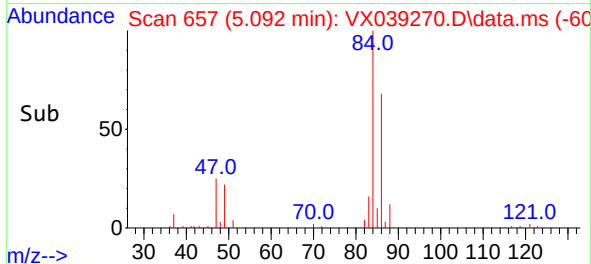
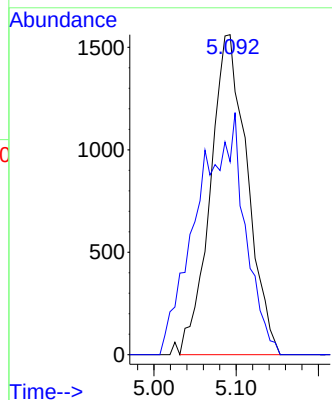
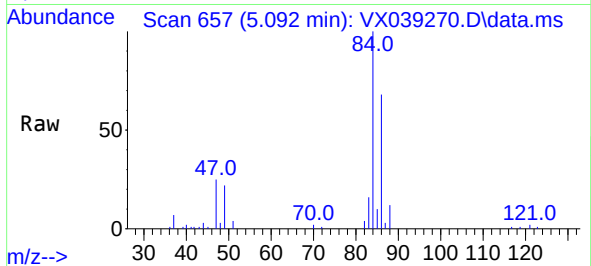




#25
Chloroform
Concen: 1.884 ug/L
RT: 5.092 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

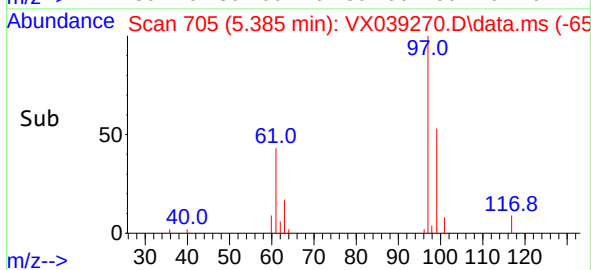
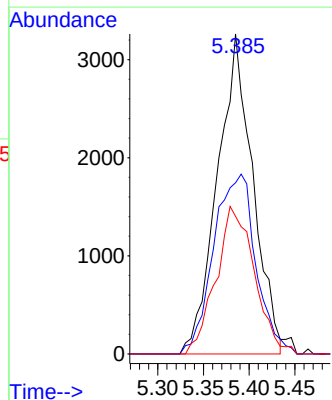
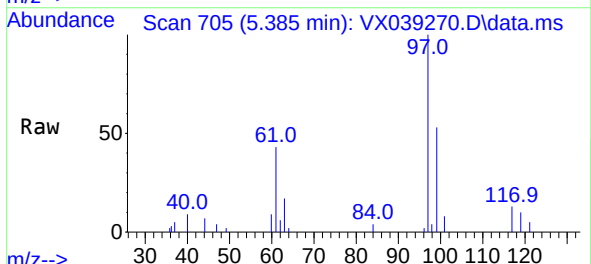
Instrument :
MSVOA_X
ClientSampleId :

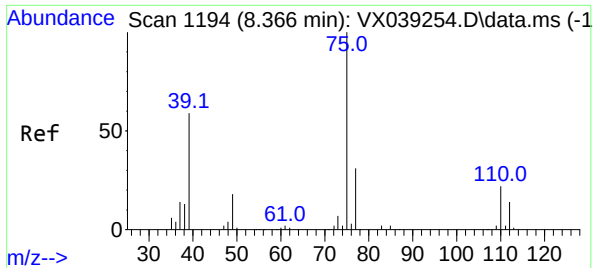
Tgt Ion: 83 Resp: 4878
Ion Ratio Lower Upper
83 100
85 60.3 45.1 83.7



#30
1,1,1-Trichloroethane
Concen: 4.038 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039270.D
Acq: 16 Dec 2023 07:20

Tgt Ion: 97 Resp: 8785
Ion Ratio Lower Upper
97 100
99 66.9 51.0 76.4
61 49.8 36.7 55.1





#39
 cis-1,3-Dichloropropene
 Concen: 1.353 ug/L
 RT: 8.324 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VX039270.D
 Acq: 16 Dec 2023 07:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 3410
 Ion Ratio Lower Upper
 75 100
 77 47.3 22.0 40.8#

