

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039268.D
 Acq On : 16 Dec 2023 06:34
 Operator : JC/MD
 Sample : 05845-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:16:04 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)

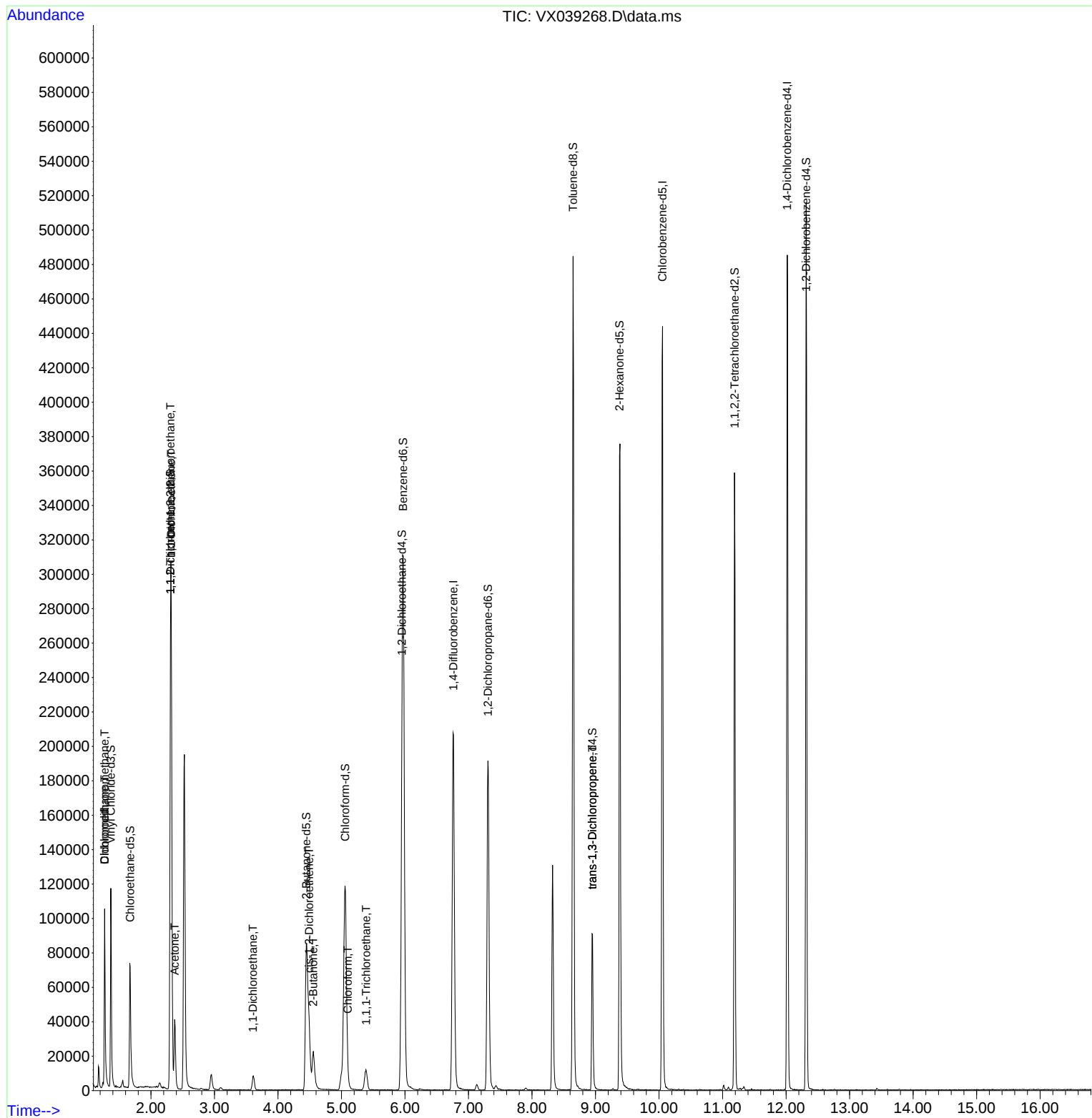
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	204477	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	189589	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	91756	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76528	47.716	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.440%		
7) Chloroethane-d5	1.672	69	56388	47.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.140%		
11) 1,1-Dichloroethene-d2	2.306	65	37925	53.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.740%		
21) 2-Butanone-d5	4.446	46	146788	101.110	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.110%		
24) Chloroform-d	5.056	84	147325	51.891	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.780%		
26) 1,2-Dichloroethane-d4	5.952	65	102978	56.006	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	112.020%		
32) Benzene-d6	5.970	84	302974	51.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.560%		
36) 1,2-Dichloropropane-d6	7.306	67	97505	51.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.560%		
41) Toluene-d8	8.647	98	271339	51.172	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.340%		
43) trans-1,3-Dichloroprop...	8.952	79	43852	45.763	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.520%		
47) 2-Hexanone-d5	9.378	63	106803	94.965	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.970%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135280	50.644	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.280%		
66) 1,2-Dichlorobenzene-d4	12.317	152	90491	52.176	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	8784	5.387	ug/L	96
3) Chloromethane	1.270	50	1131	0.664	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1571	1.122	ug/L #	28
12) 1,1-Dichloroethene	2.319	96	51380	39.005	ug/L #	80
13) Acetone	2.373	43	40995	29.394	ug/L	98
19) 1,1-Dichloroethane	3.605	63	9635	3.511	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	15838	9.838	ug/L	93
22) 2-Butanone	4.556	43	37604	21.970	ug/L	99
25) Chloroform	5.099	83	4260	1.556	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	10744	4.671	ug/L	95
44) trans-1,3-Dichloropropene	8.952	75	2455	0.993	ug/L	88

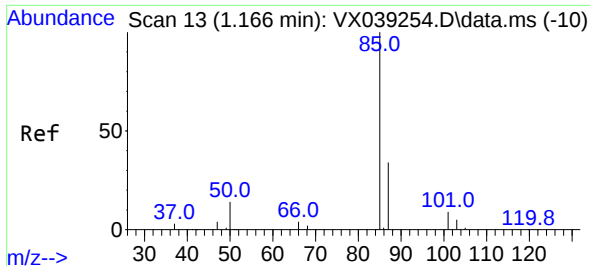
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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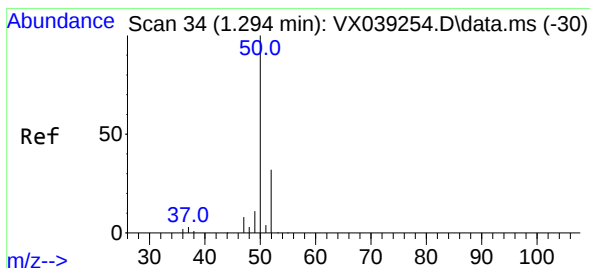
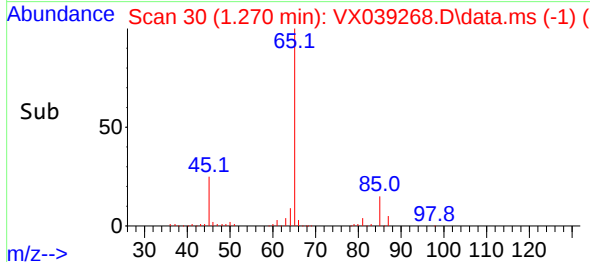
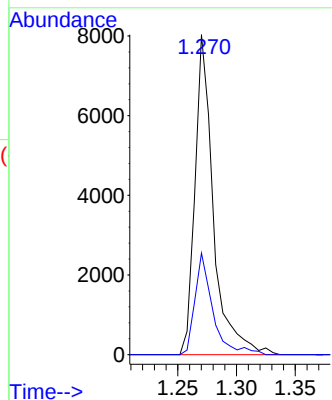
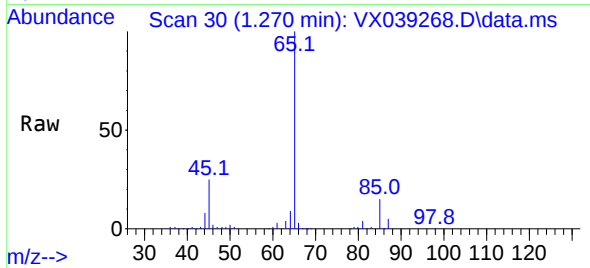




#2
Dichlorodifluoromethane
Concen: 5.387 ug/L
RT: 1.270 min Scan# 30
Delta R.T. 0.104 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

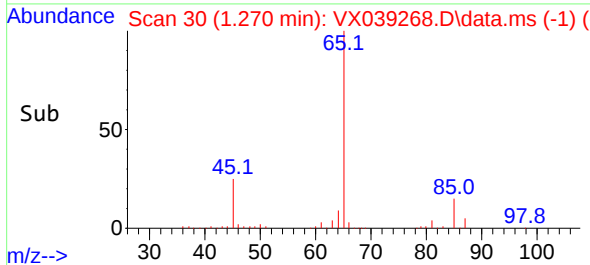
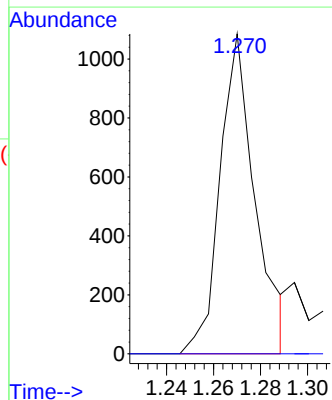
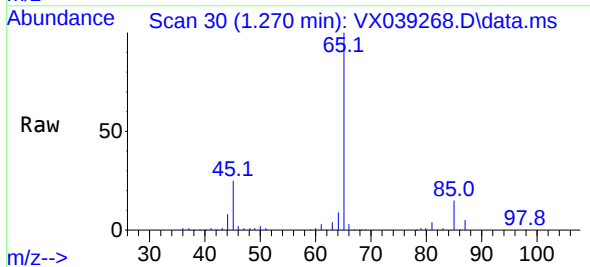
Instrument :
MSVOA_X
ClientSampleId :

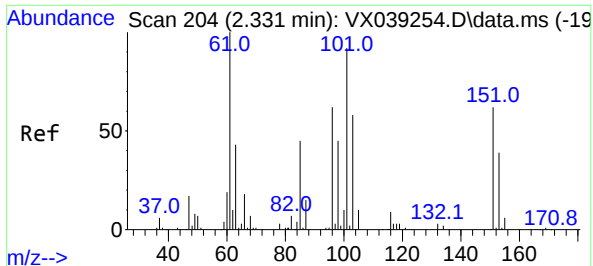
Tgt Ion: 85 Resp: 8784
Ion Ratio Lower Upper
85 100
87 30.8 26.2 39.4



#3
Chloromethane
Concen: 0.664 ug/L
RT: 1.270 min Scan# 30
Delta R.T. -0.025 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

Tgt Ion: 50 Resp: 1131
Ion Ratio Lower Upper
50 100
52 0.0 22.4 41.6#

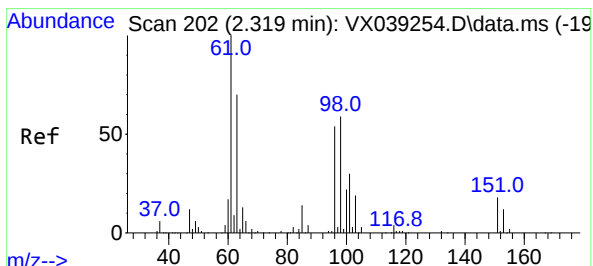
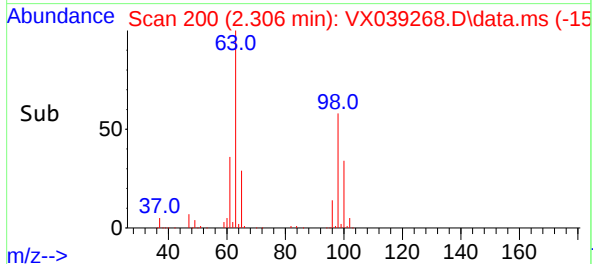
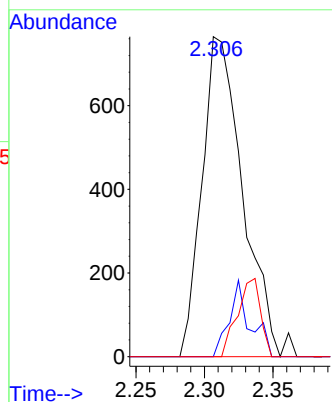
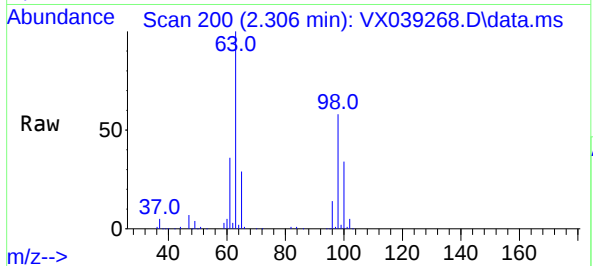




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.122 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

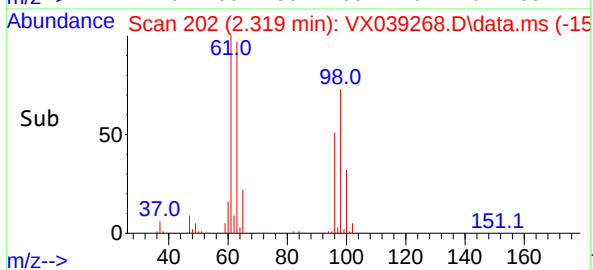
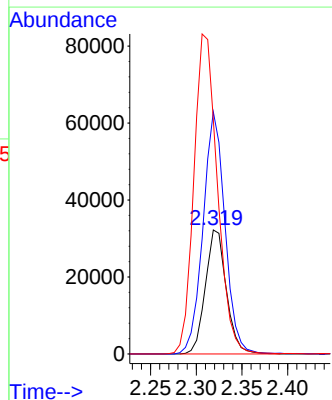
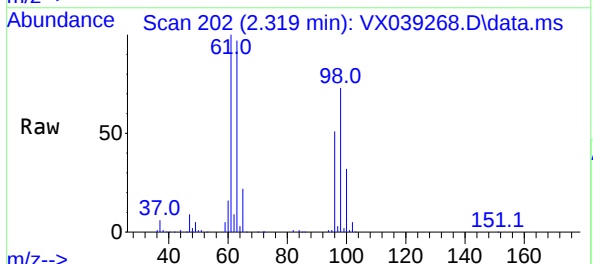
Instrument :
MSVOA_X
ClientSampleId :

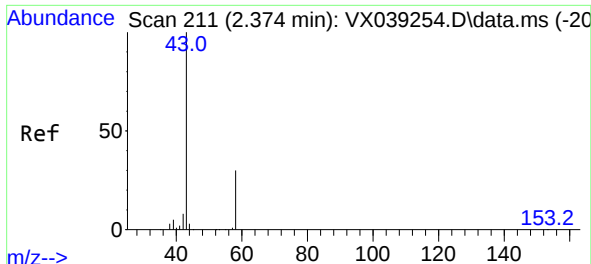
Tgt Ion:101 Resp: 1571
Ion Ratio Lower Upper
101 100
85 10.4 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 39.005 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

Tgt Ion: 96 Resp: 51380
Ion Ratio Lower Upper
96 100
61 195.2 128.0 237.6
63 188.9 101.5 188.5#

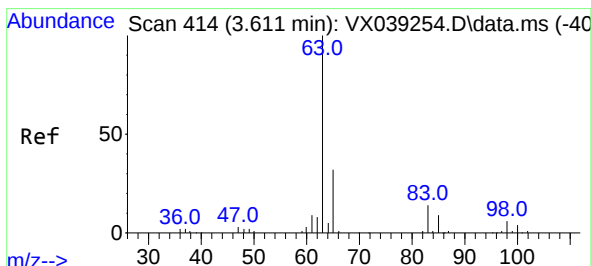
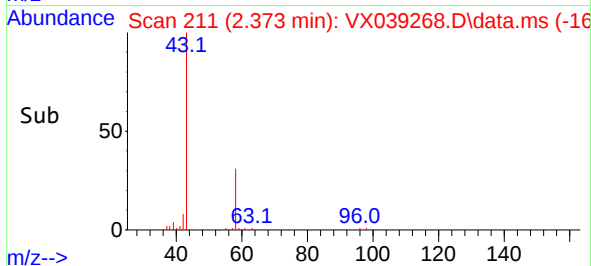
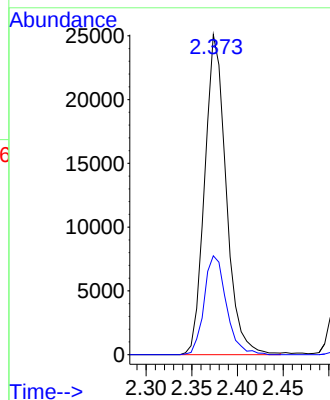
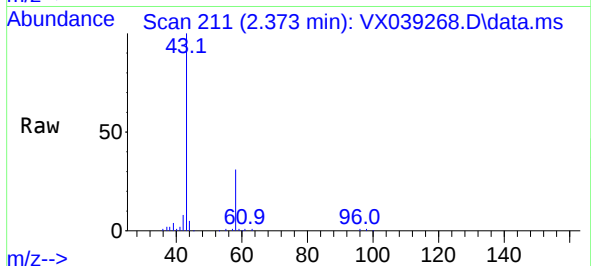




#13
Acetone
Concen: 29.394 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

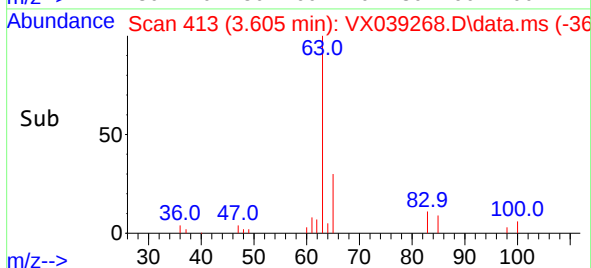
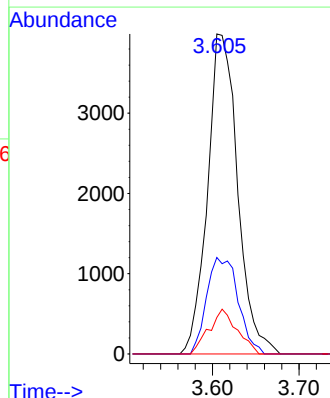
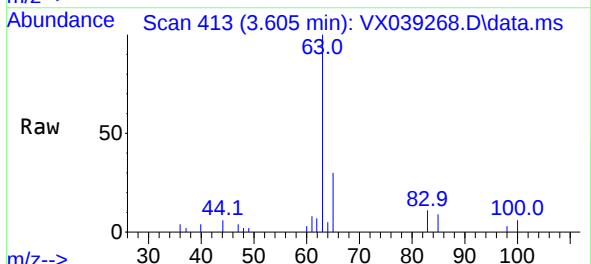
Instrument :
MSVOA_X
ClientSampleId :

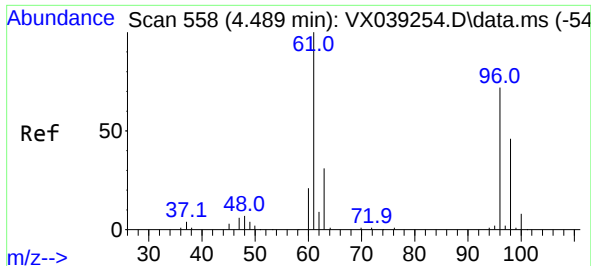
Tgt Ion: 43 Resp: 40995
Ion Ratio Lower Upper
43 100
58 31.8 0.0 65.8



#19
1,1-Dichloroethane
Concen: 3.511 ug/L
RT: 3.605 min Scan# 413
Delta R.T. -0.000 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

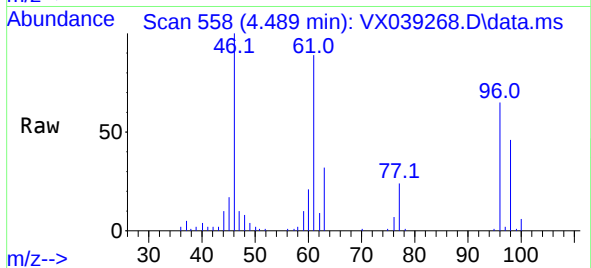
Tgt Ion: 63 Resp: 9635
Ion Ratio Lower Upper
63 100
65 30.1 21.1 39.3
83 11.4 9.7 17.9



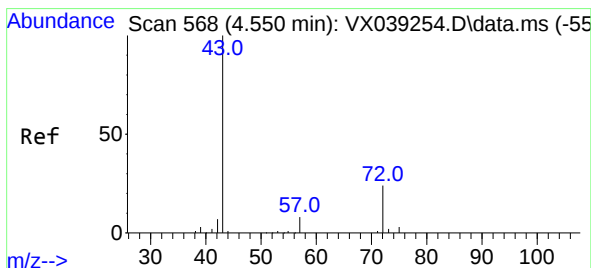
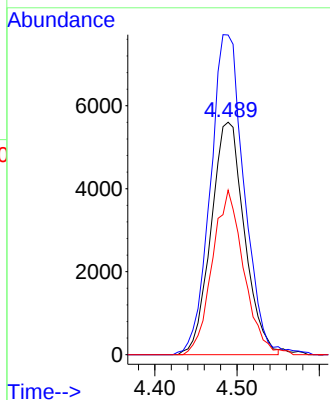
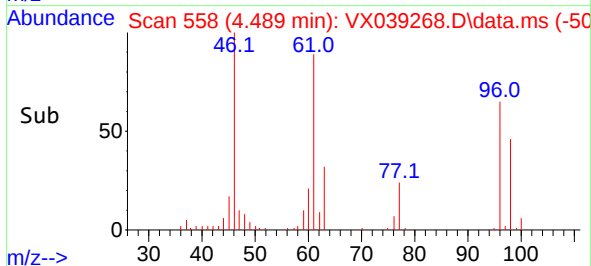


#20
cis-1,2-Dichloroethene
Concen: 9.838 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

Instrument :
MSVOA_X
ClientSampleId :

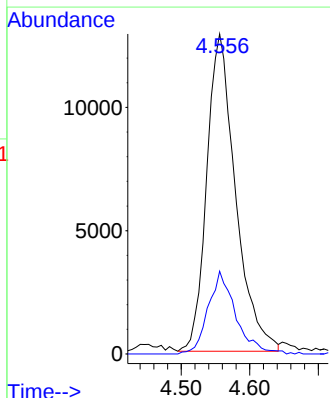
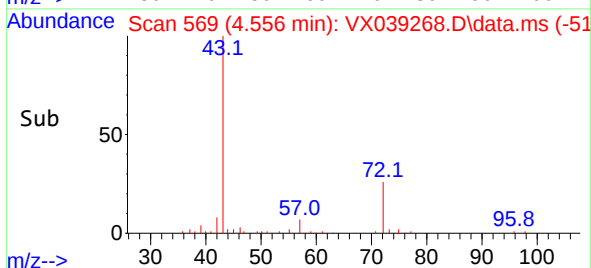
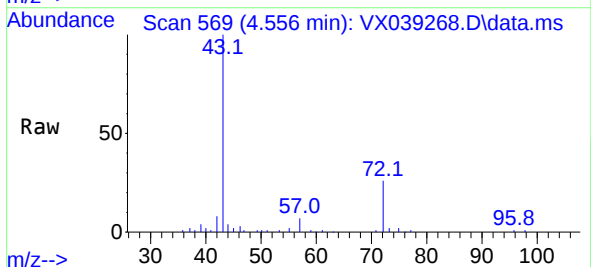


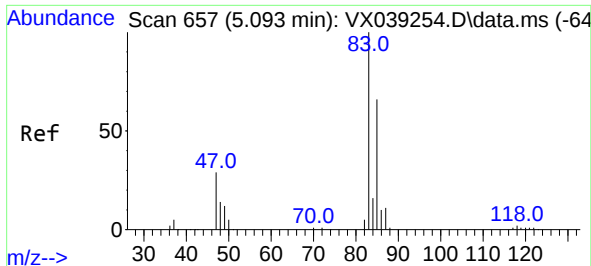
Tgt Ion: 96 Resp: 15838
Ion Ratio Lower Upper
96 100
61 137.6 91.7 170.3
98 70.8 44.2 82.2



#22
2-Butanone
Concen: 21.970 ug/L
RT: 4.556 min Scan# 569
Delta R.T. 0.012 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

Tgt Ion: 43 Resp: 37604
Ion Ratio Lower Upper
43 100
72 24.8 12.6 37.6

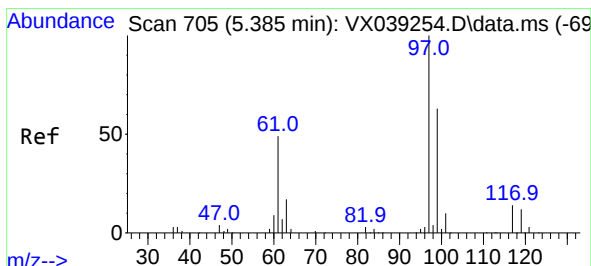
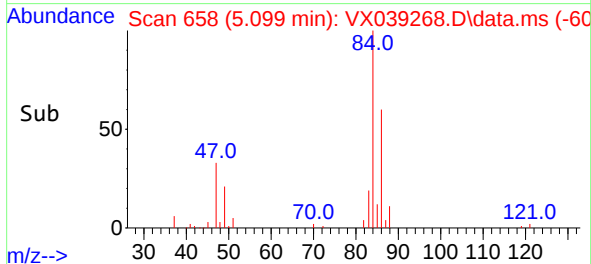
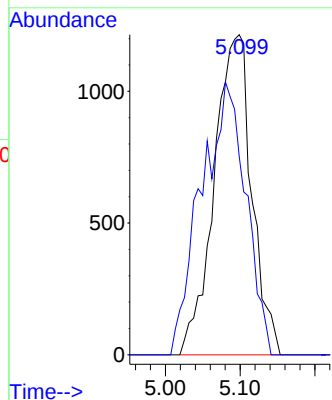
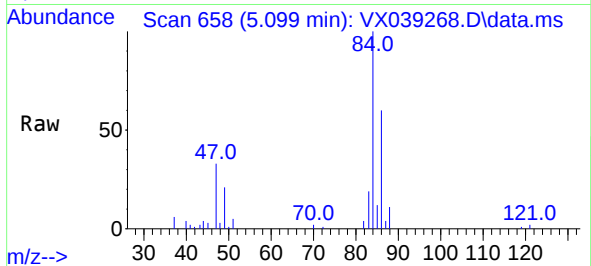




#25
Chloroform
Concen: 1.556 ug/L
RT: 5.099 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

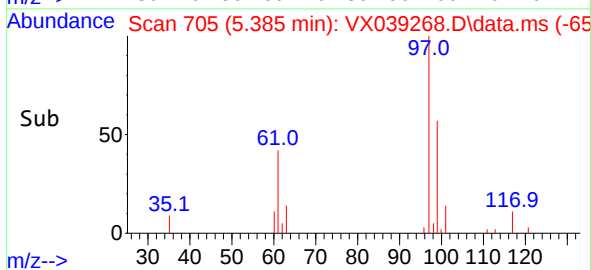
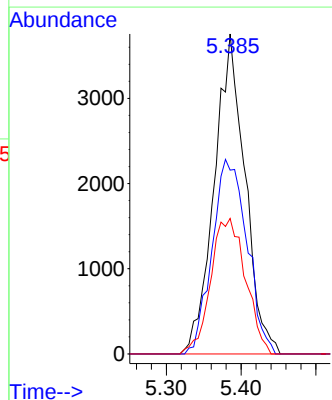
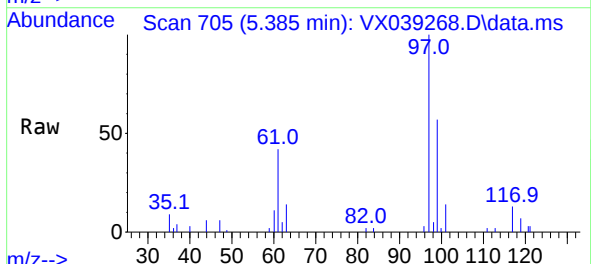
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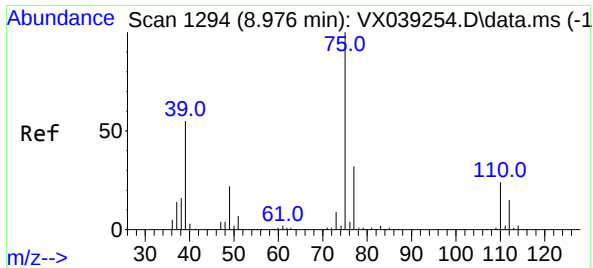
Tgt Ion: 83 Resp: 4260
Ion Ratio Lower Upper
83 100
85 61.9 45.1 83.7



#30
1,1,1-Trichloroethane
Concen: 4.671 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

Tgt Ion: 97 Resp: 10744
Ion Ratio Lower Upper
97 100
99 68.9 51.0 76.4
61 48.0 36.7 55.1





#44
trans-1,3-Dichloropropene
Concen: 0.993 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039268.D
Acq: 16 Dec 2023 06:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:	75	Resp:	2455
Ion Ratio	Lower	Upper	
75	100		
77	38.2	22.0	40.8

