

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039264.D
 Acq On : 16 Dec 2023 05:03
 Operator : JC/MD
 Sample : 05845-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:15:27 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)

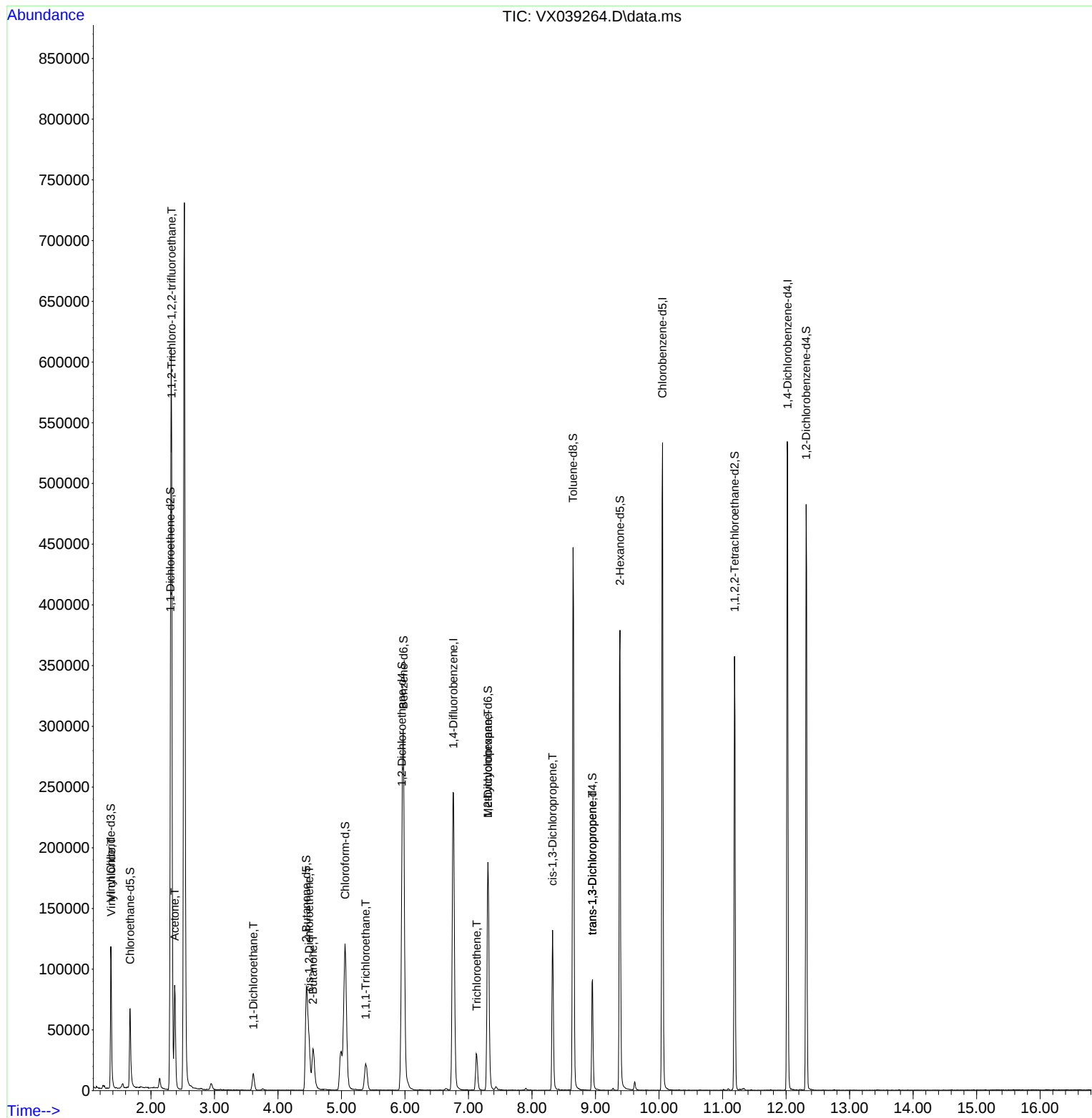
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	244009	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	225220	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	103033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	61108	31.929	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.860%
7) Chloroethane-d5	1.672	69	50127	35.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.860%
11) 1,1-Dichloroethene-d2	2.306	65	32952	39.223	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.440%
21) 2-Butanone-d5	4.446	46	147418	85.093	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.090%
24) Chloroform-d	5.056	84	144616	42.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.360%
26) 1,2-Dichloroethane-d4	5.952	65	100215	45.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
32) Benzene-d6	5.976	84	288661	41.530	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
36) 1,2-Dichloropropane-d6	7.305	67	95323	42.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.220%
41) Toluene-d8	8.646	98	259111	41.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	8.951	79	43294	38.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.060%
47) 2-Hexanone-d5	9.384	63	104371	78.121	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.120%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137194	43.235	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.460%
66) 1,2-Dichlorobenzene-d4	12.316	152	89633	46.024	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.040%
Target Compounds						Qvalue
5) Vinyl chloride	1.373	62	21821	10.886	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.324	101	4157	2.488	ug/L #	73
13) Acetone	2.373	43	86904	52.217	ug/L	96
19) 1,1-Dichloroethane	3.611	63	15199	4.641	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	16490	8.584	ug/L	91
22) 2-Butanone	4.550	43	60986	29.858	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	20144	7.372	ug/L	96
34) Trichloroethene	7.128	95	11665	6.167	ug/L	92
35) Methylcyclohexane	7.305	83	22005	6.985	ug/L #	18
39) cis-1,3-Dichloropropene	8.323	75	3182	1.005	ug/L #	76
44) trans-1,3-Dichloropropene	8.951	75	2284	0.777	ug/L	87

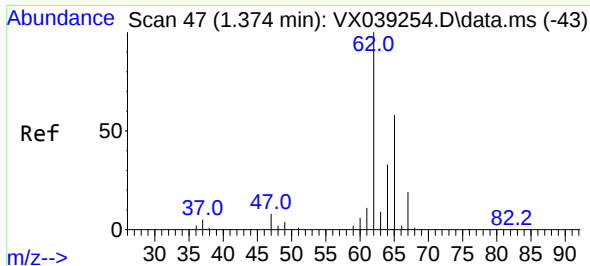
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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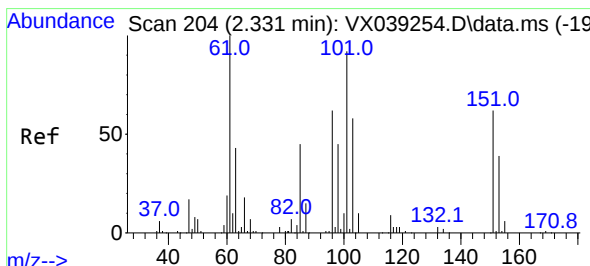
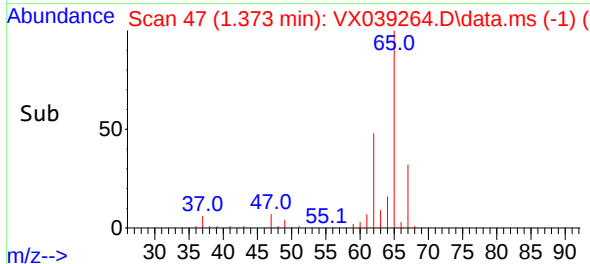
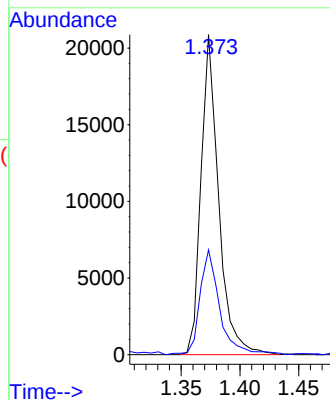
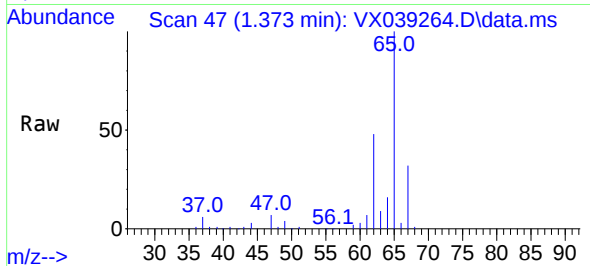




#5
 Vinyl chloride
 Concen: 10.886 ug/L
 RT: 1.373 min Scan# 41
 Delta R.T. -0.001 min
 Lab File: VX039264.D
 Acq: 16 Dec 2023 05:03

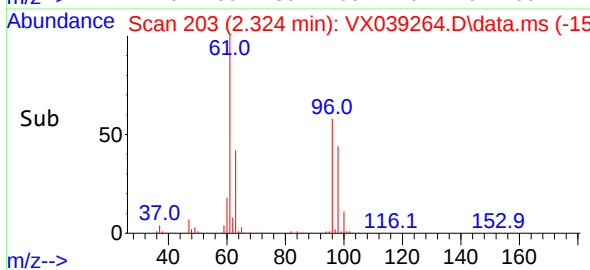
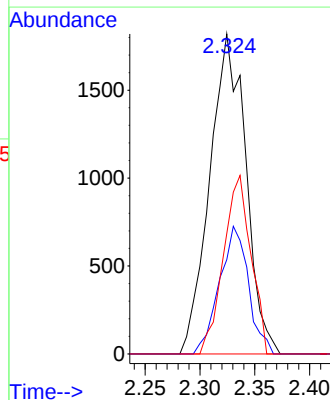
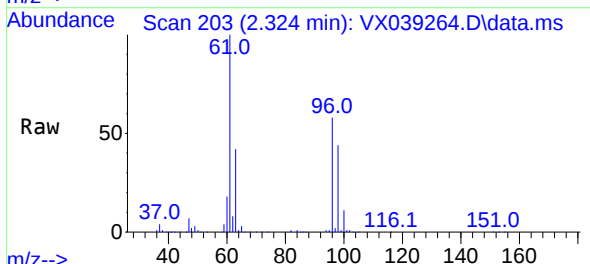
Instrument :
 MSVOA_X
 ClientSampleId :

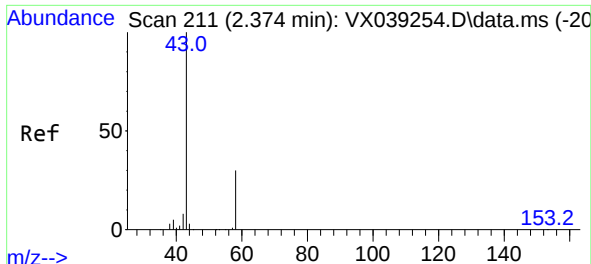
Tgt Ion: 62 Resp: 21821
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.3 41.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.488 ug/L
 RT: 2.324 min Scan# 203
 Delta R.T. -0.007 min
 Lab File: VX039264.D
 Acq: 16 Dec 2023 05:03

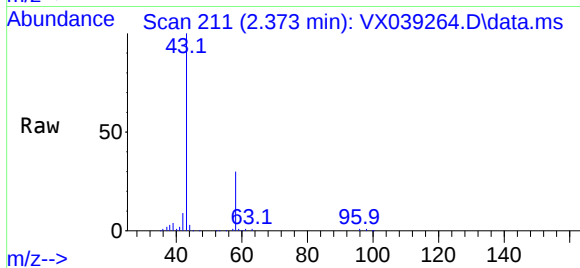
Tgt Ion: 101 Resp: 4157
 Ion Ratio Lower Upper
 101 100
 85 32.1 35.8 53.6#
 151 42.6 55.4 83.2#



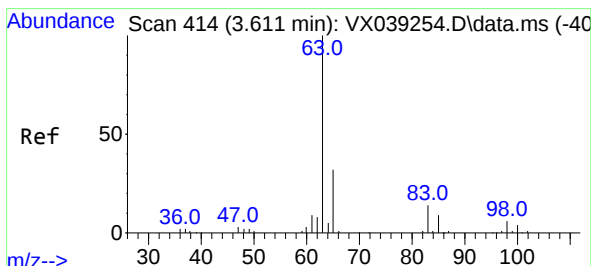
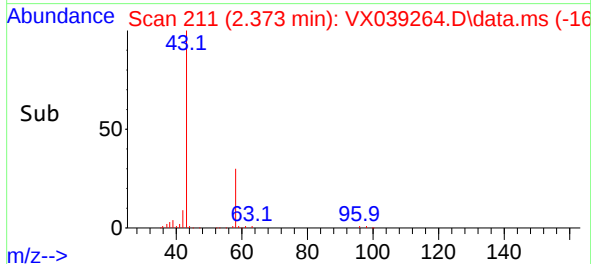
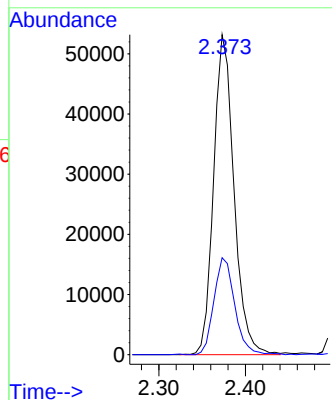


#13
Acetone
Concen: 52.217 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.001 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

Instrument :
MSVOA_X
ClientSampleId :

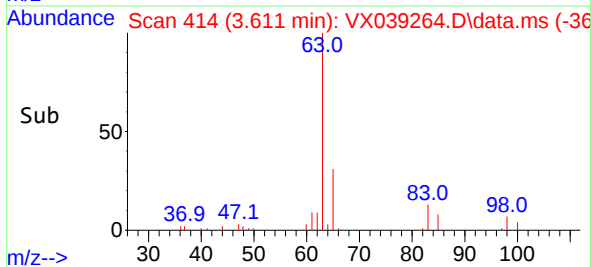
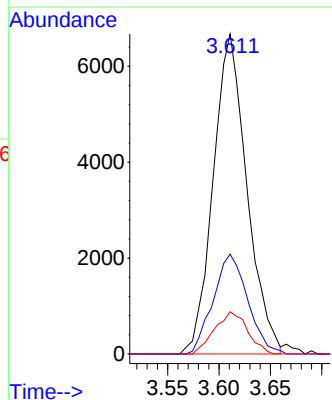
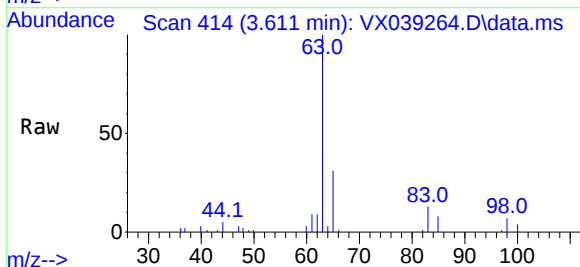


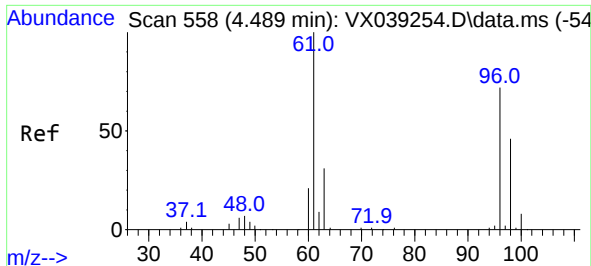
Tgt Ion: 43 Resp: 86904
Ion Ratio Lower Upper
43 100
58 30.7 0.0 65.8



#19
1,1-Dichloroethane
Concen: 4.641 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

Tgt Ion: 63 Resp: 15199
Ion Ratio Lower Upper
63 100
65 31.2 21.1 39.3
83 13.2 9.7 17.9

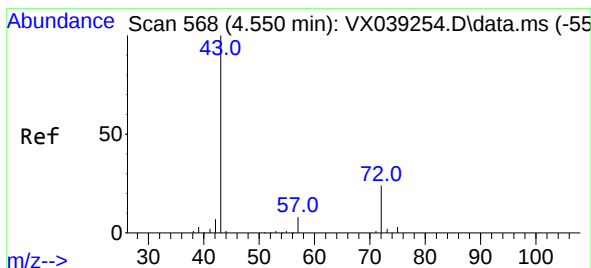
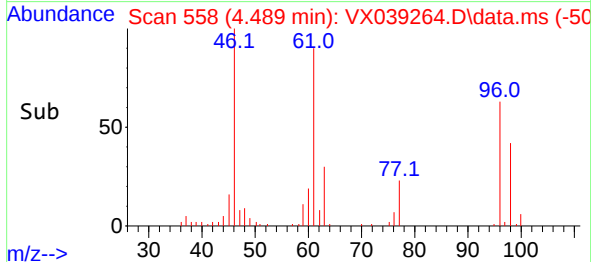
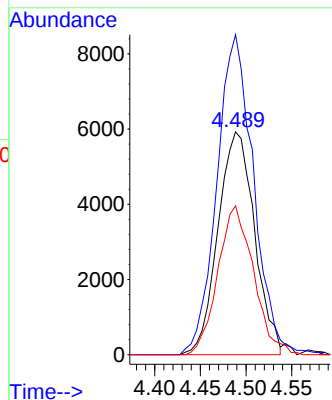
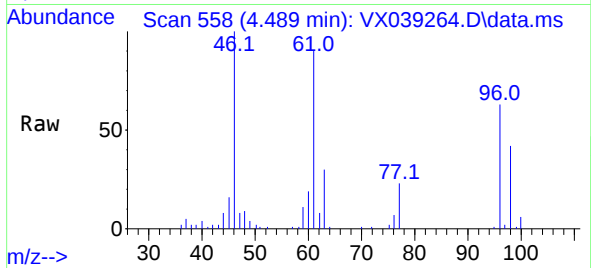




#20
cis-1,2-Dichloroethene
Concen: 8.584 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

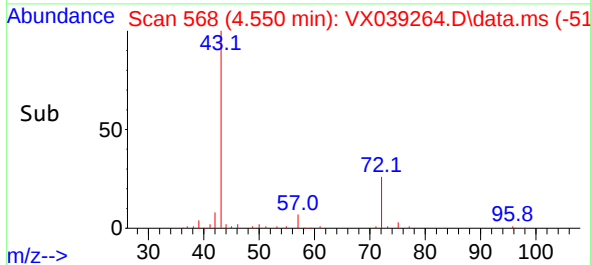
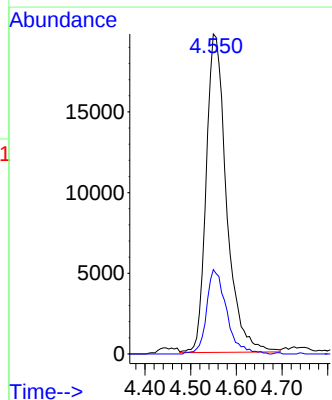
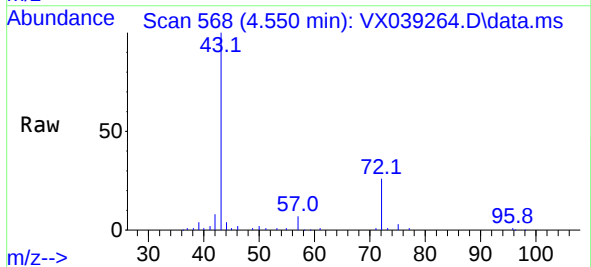
Instrument :
MSVOA_X
ClientSampleId :

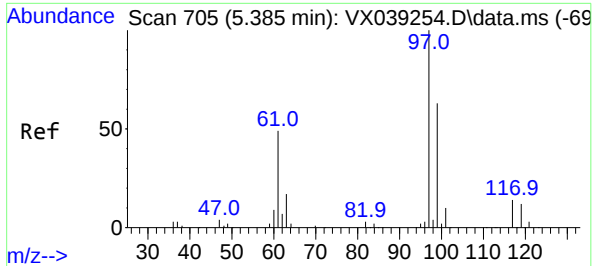
Tgt Ion: 96 Resp: 16490
Ion Ratio Lower Upper
96 100
61 143.6 91.7 170.3
98 66.8 44.2 82.2



#22
2-Butanone
Concen: 29.858 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

Tgt Ion: 43 Resp: 60986
Ion Ratio Lower Upper
43 100
72 25.8 12.6 37.6

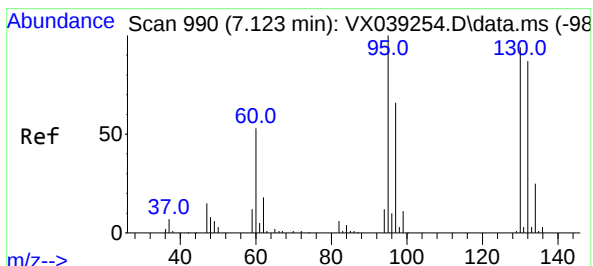
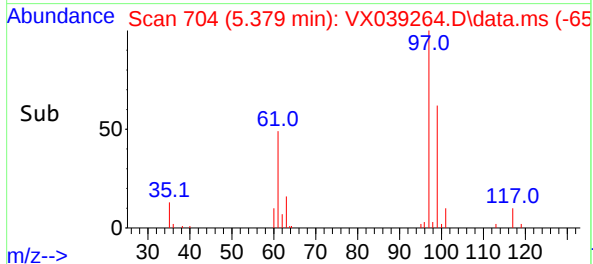
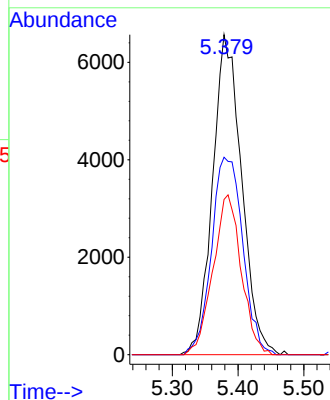
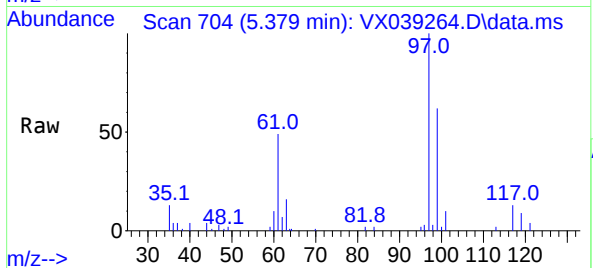




#30
1,1,1-Trichloroethane
Concen: 7.372 ug/L
RT: 5.379 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

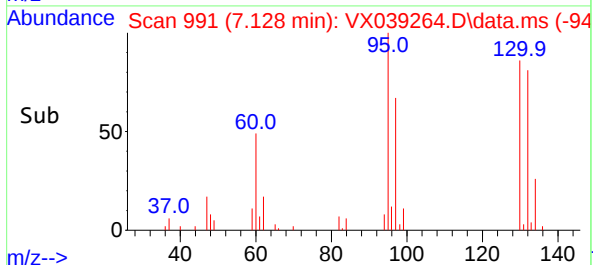
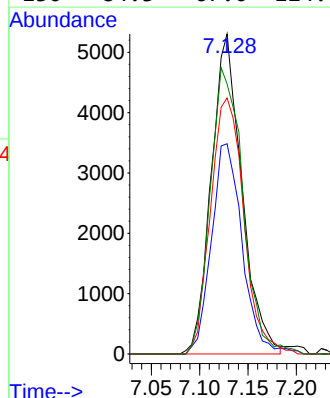
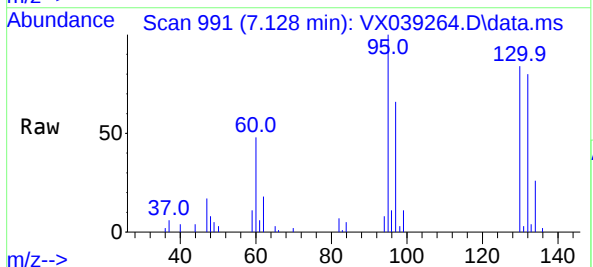
Instrument :
MSVOA_X
ClientSampleId :

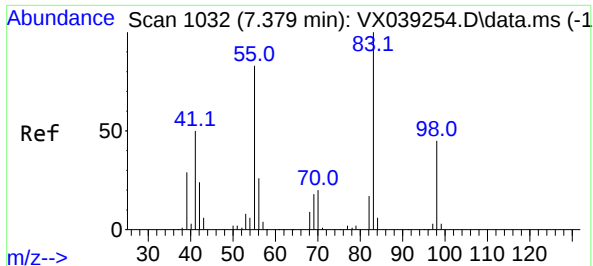
Tgt Ion: 97	Resp: 20144
Ion Ratio	Lower Upper
97 100	
99 66.5	51.0 76.4
61 48.7	36.7 55.1



#34
Trichloroethene
Concen: 6.167 ug/L
RT: 7.128 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

Tgt Ion: 95	Resp: 11665
Ion Ratio	Lower Upper
95 100	
97 65.7	45.5 84.5
132 80.0	62.2 115.4
130 84.3	67.0 124.4





#35

Methylcyclohexane

Concen: 6.985 ug/L

RT: 7.305 min Scan# 1187

Delta R.T. -0.068 min

Lab File: VX039264.D

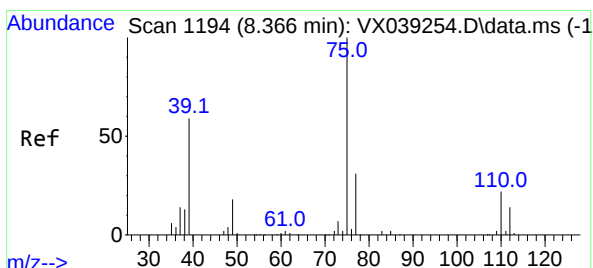
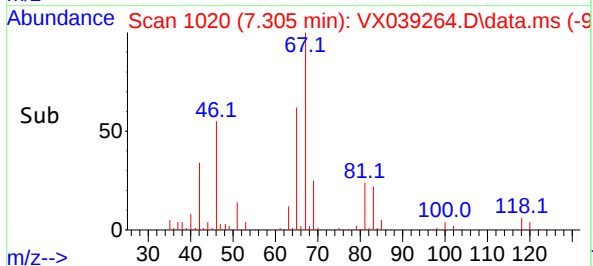
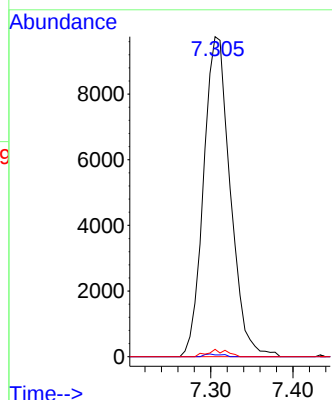
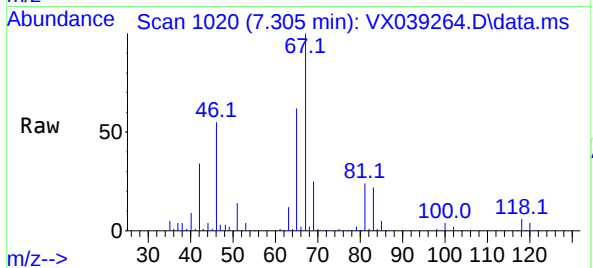
Acq: 16 Dec 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 22005
Ion Ratio	Lower Upper
83 100	
55 0.3	62.5 93.7#
98 0.4	36.1 54.1#



#39

cis-1,3-Dichloropropene

Concen: 1.005 ug/L

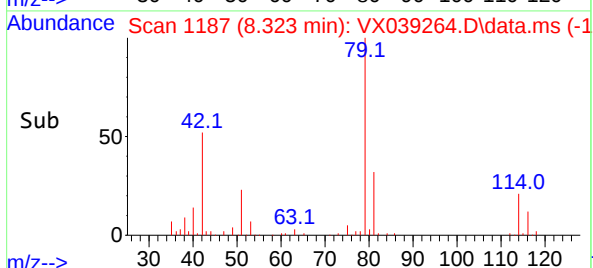
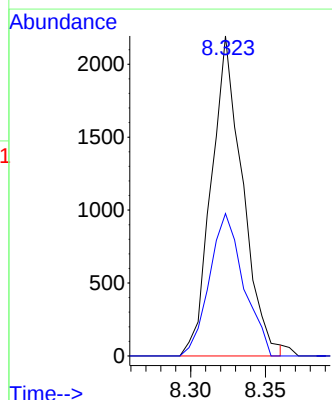
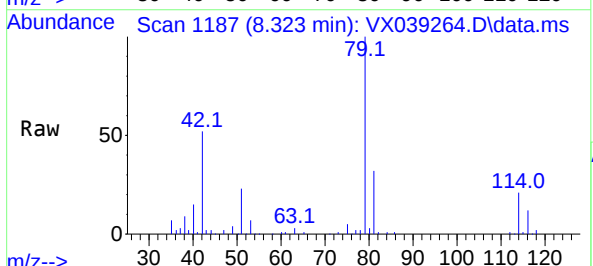
RT: 8.323 min Scan# 1187

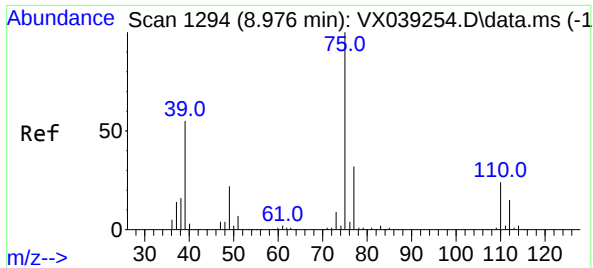
Delta R.T. -0.037 min

Lab File: VX039264.D

Acq: 16 Dec 2023 05:03

Tgt Ion: 75	Resp: 3182
Ion Ratio	Lower Upper
75 100	
77 44.5	22.0 40.8#





#44
trans-1,3-Dichloropropene
Concen: 0.777 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.019 min
Lab File: VX039264.D
Acq: 16 Dec 2023 05:03

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2284
Ion Ratio Lower Upper
75 100
77 38.6 22.0 40.8

