

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039242.D
 Acq On : 15 Dec 2023 20:39
 Operator : JC/MD
 Sample : 05844-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 01:53:11 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)

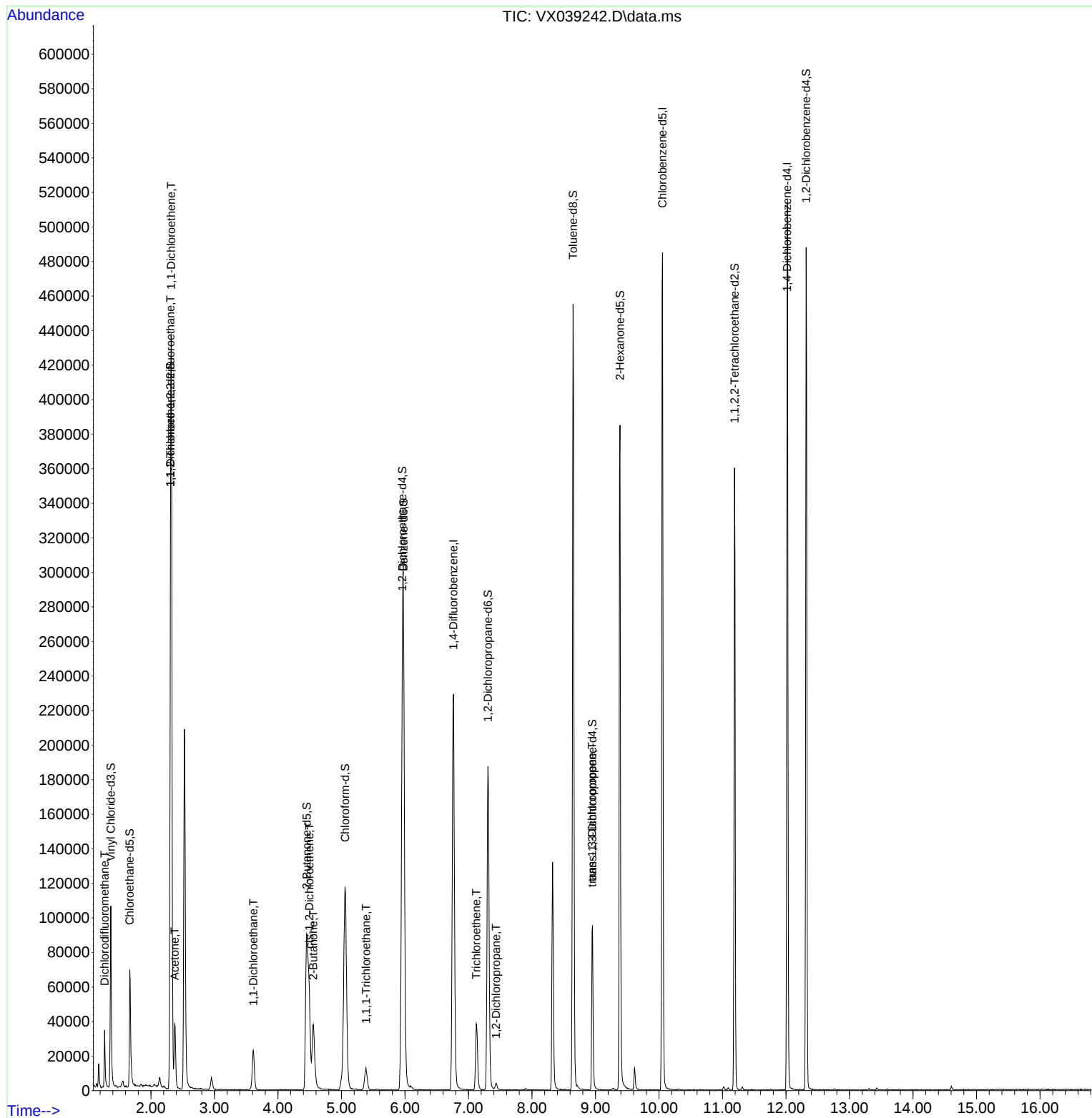
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	224640	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	207183	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	95604	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	63543	36.064	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.120%		
7) Chloroethane-d5	1.666	69	51009	39.167	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.340%		
11) 1,1-Dichloroethene-d2	2.307	65	33521	43.341	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.680%		
21) 2-Butanone-d5	4.453	46	152770	95.786	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.790%		
24) Chloroform-d	5.056	84	145131	46.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.060%		
26) 1,2-Dichloroethane-d4	5.958	65	101454	50.225	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.440%		
32) Benzene-d6	5.977	84	288088	45.055	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.120%		
36) 1,2-Dichloropropane-d6	7.306	67	94950	46.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.280%		
41) Toluene-d8	8.647	98	260981	45.039	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.080%		
43) trans-1,3-Dichloroprop...	8.952	79	44800	42.783	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.560%		
47) 2-Hexanone-d5	9.385	63	107717	87.644	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.640%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	135466	46.407	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.820%		
66) 1,2-Dichlorobenzene-d4	12.317	152	89594	49.579	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.160%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.270	85	2320	1.295	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1382	0.898	ug/L #	35
12) 1,1-Dichloroethene	2.319	96	107627	74.371	ug/L	85
13) Acetone	2.374	43	39018	25.465	ug/L	95
19) 1,1-Dichloroethane	3.611	63	25606	8.493	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	27141	15.346	ug/L	99
22) 2-Butanone	4.556	43	67723	36.015	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	10999	4.375	ug/L	97
34) Trichloroethene	7.123	95	14971	8.604	ug/L	93
37) 1,2-Dichloropropane	7.434	63	1652	0.905	ug/L #	89
44) trans-1,3-Dichloropropene	8.946	75	2242	0.830	ug/L	85

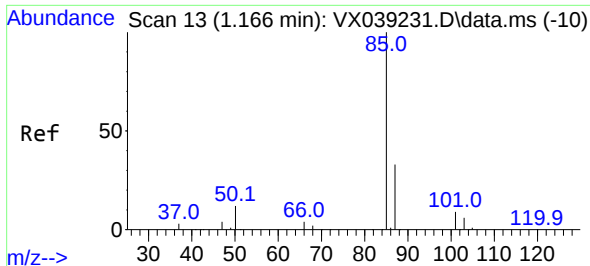
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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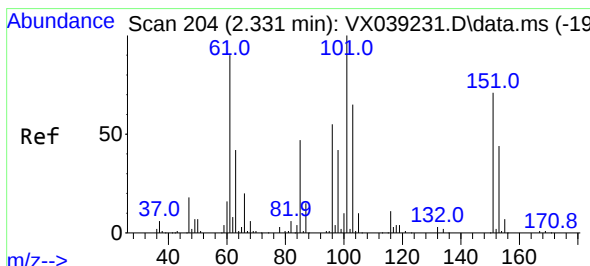
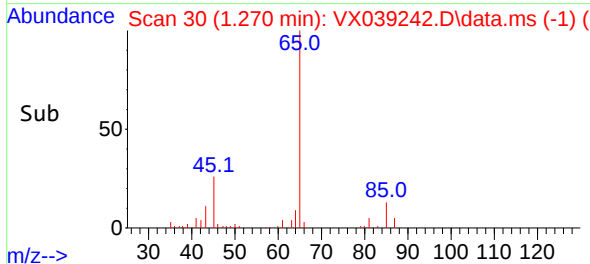
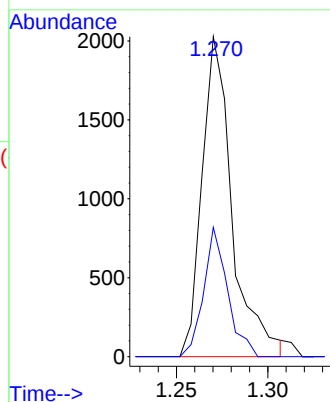
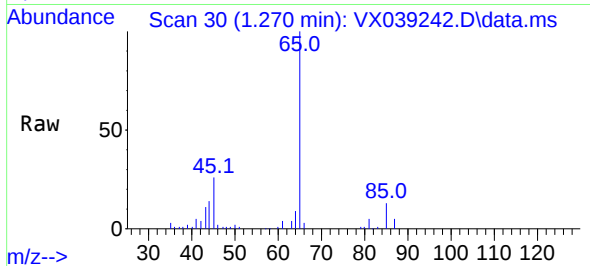




#2
 Dichlorodifluoromethane
 Concen: 1.295 ug/L
 RT: 1.270 min Scan# 30
 Delta R.T. 0.104 min
 Lab File: VX039242.D
 Acq: 15 Dec 2023 20:39

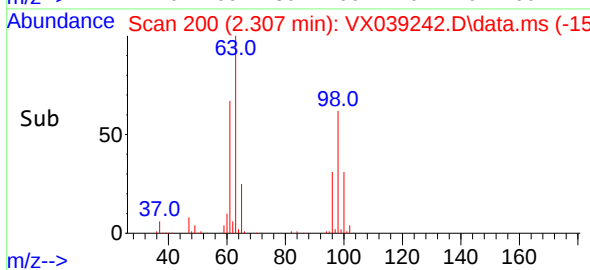
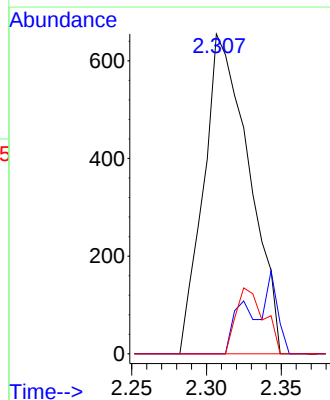
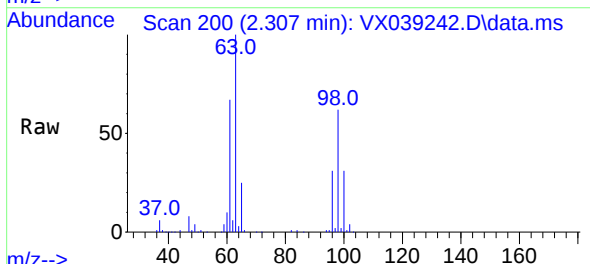
Instrument :
 MSVOA_X
 ClientSampleId :

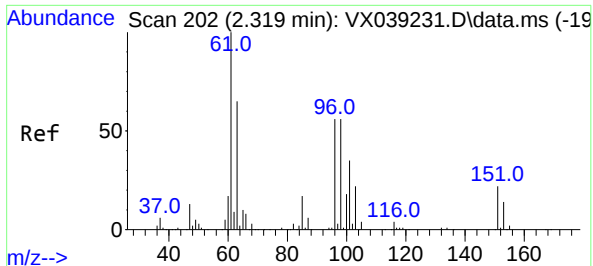
Tgt Ion: 85 Resp: 2320
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.898 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.024 min
 Lab File: VX039242.D
 Acq: 15 Dec 2023 20:39

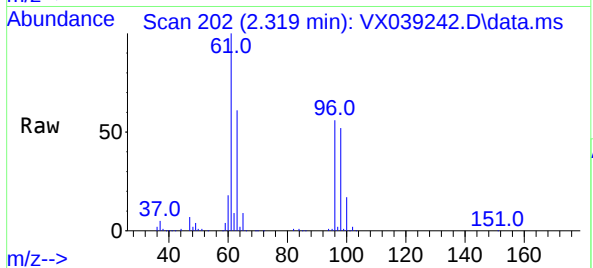
Tgt Ion: 101 Resp: 1382
 Ion Ratio Lower Upper
 101 100
 85 7.0 35.8 53.6#
 151 12.7 55.4 83.2#



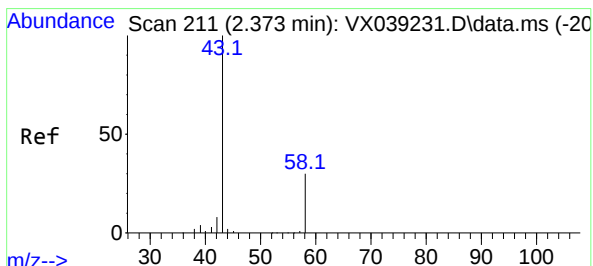
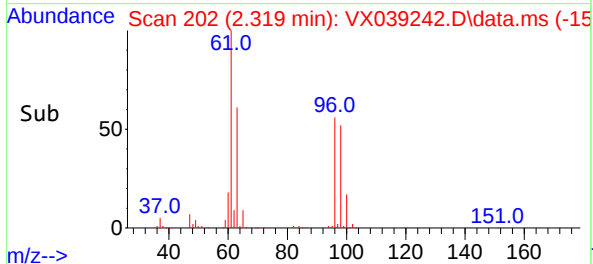
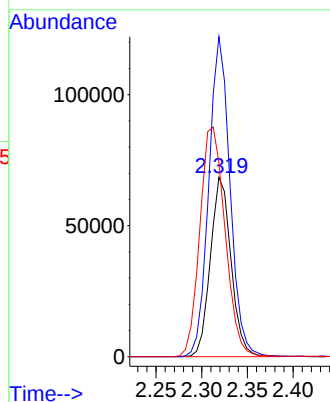


#12
1,1-Dichloroethene
Concen: 74.371 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039242.D
Acq: 15 Dec 2023 20:39

Instrument :
MSVOA_X
ClientSampleId :

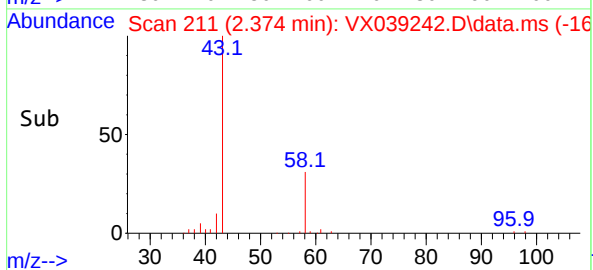
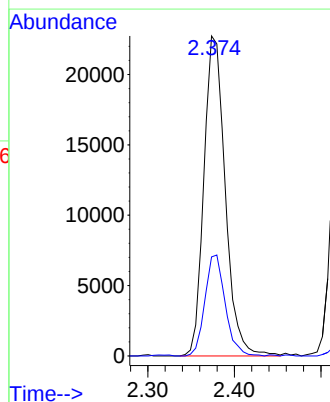
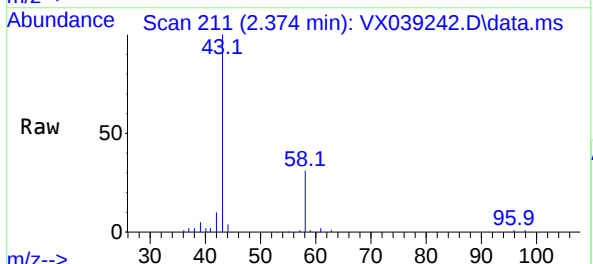


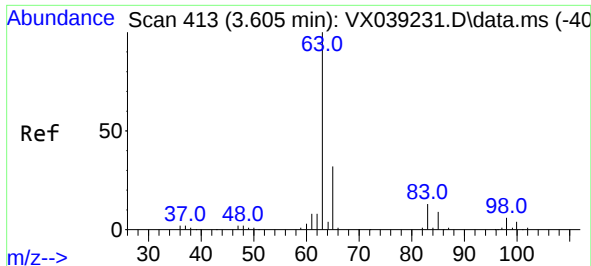
Tgt Ion: 96 Resp: 107627
Ion Ratio Lower Upper
96 100
61 178.5 128.0 237.6
63 108.0 101.5 188.5



#13
Acetone
Concen: 25.465 ug/L
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039242.D
Acq: 15 Dec 2023 20:39

Tgt Ion: 43 Resp: 39018
Ion Ratio Lower Upper
43 100
58 29.9 0.0 65.8





#19

1,1-Dichloroethane

Concen: 8.493 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

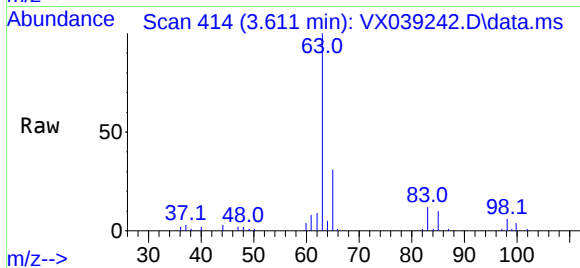
Lab File: VX039242.D

Acq: 15 Dec 2023 20:39

Instrument :

MSVOA_X

ClientSampleId :



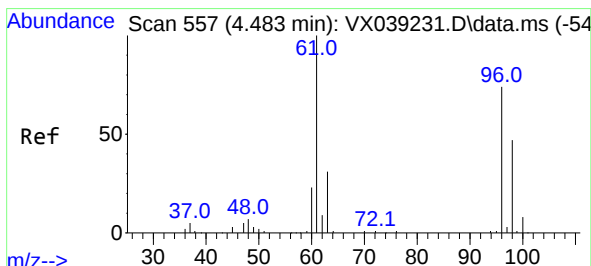
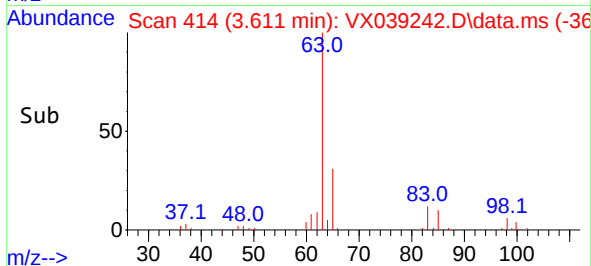
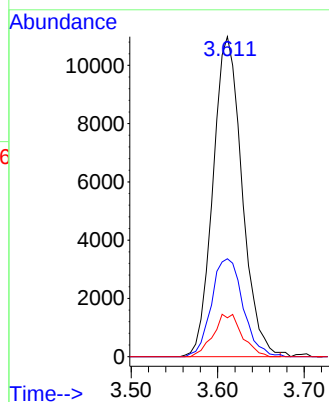
Tgt Ion: 63 Resp: 25606

Ion Ratio Lower Upper

63 100

65 30.6 21.1 39.3

83 12.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 15.346 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.012 min

Lab File: VX039242.D

Acq: 15 Dec 2023 20:39

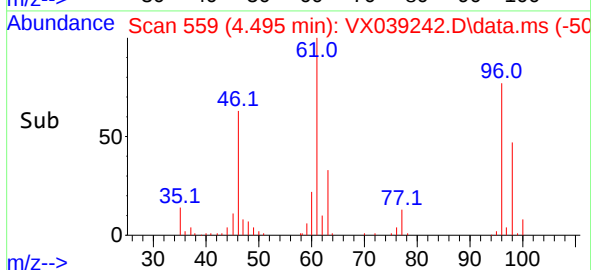
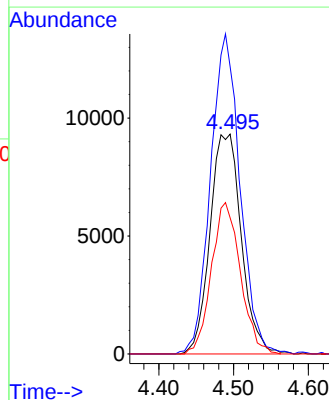
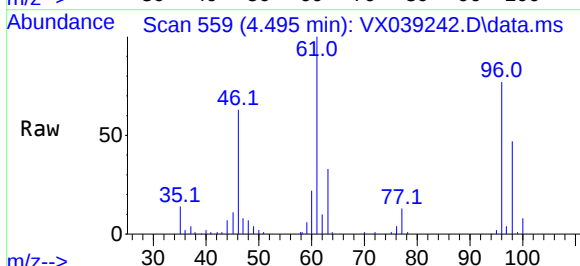
Tgt Ion: 96 Resp: 27141

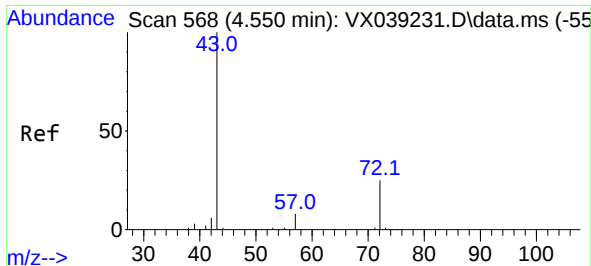
Ion Ratio Lower Upper

96 100

61 130.7 91.7 170.3

98 61.9 44.2 82.2

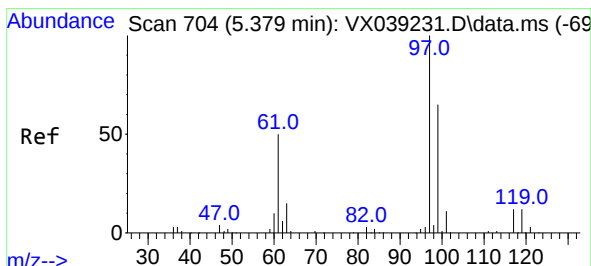
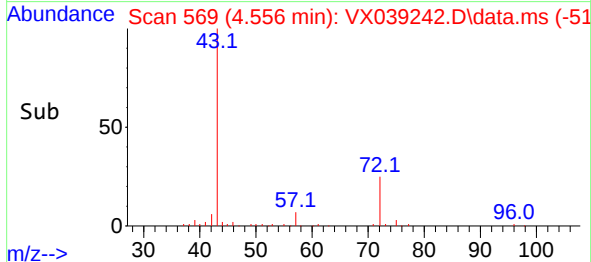
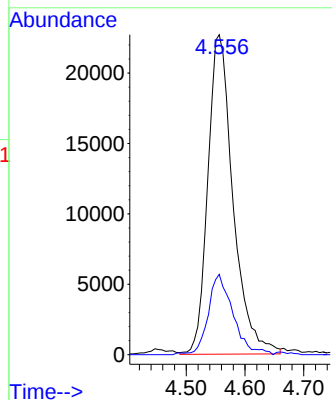
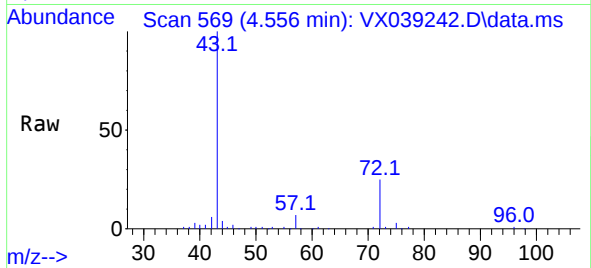




#22
2-Butanone
Concen: 36.015 ug/L
RT: 4.556 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX039242.D
Acq: 15 Dec 2023 20:39

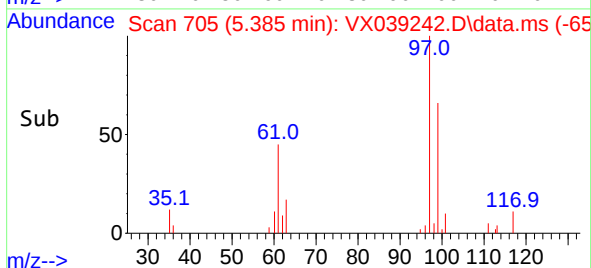
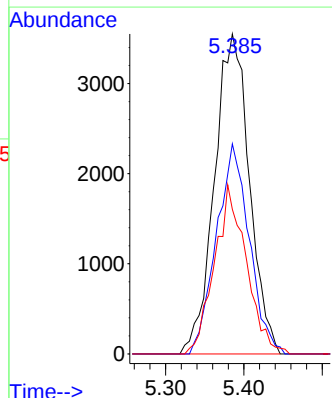
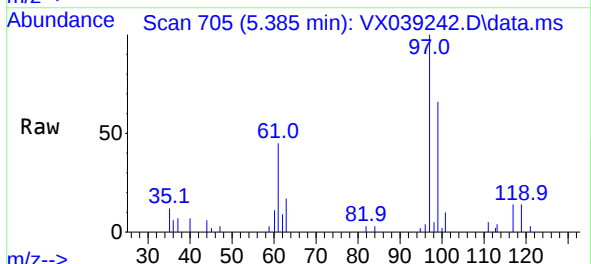
Instrument :
MSVOA_X
ClientSampleId :

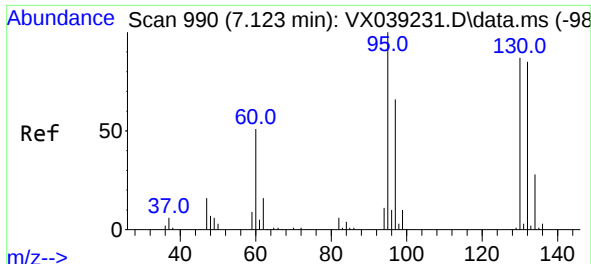
Tgt Ion: 43 Resp: 67723
Ion Ratio Lower Upper
43 100
72 22.9 12.6 37.6



#30
1,1,1-Trichloroethane
Concen: 4.375 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039242.D
Acq: 15 Dec 2023 20:39

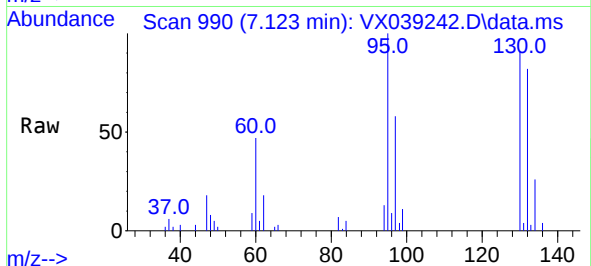
Tgt Ion: 97 Resp: 10999
Ion Ratio Lower Upper
97 100
99 61.7 51.0 76.4
61 48.1 36.7 55.1



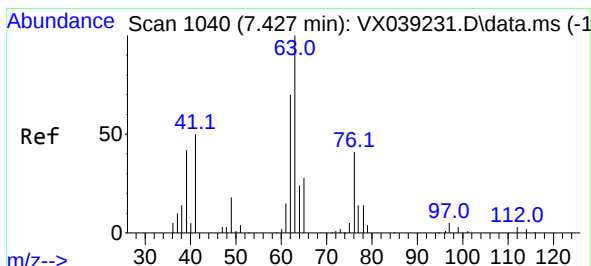
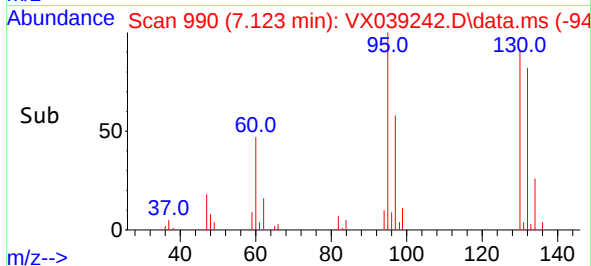
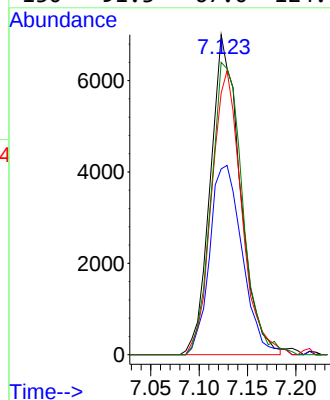


#34
Trichloroethene
Concen: 8.604 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX039242.D
Acq: 15 Dec 2023 20:39

Instrument :
MSVOA_X
ClientSampleId :

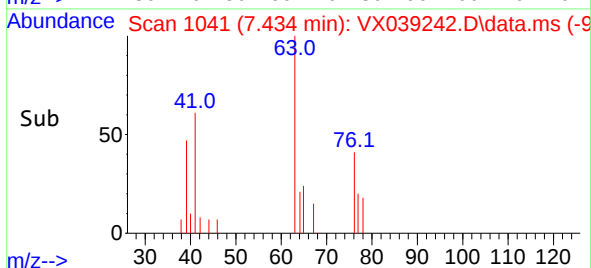
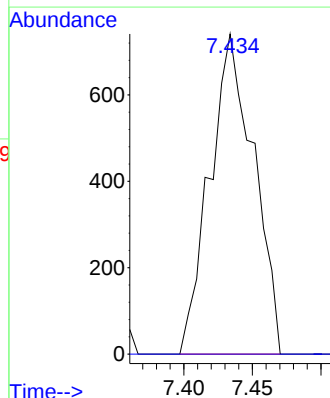
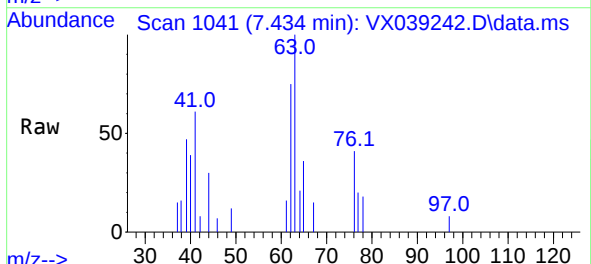


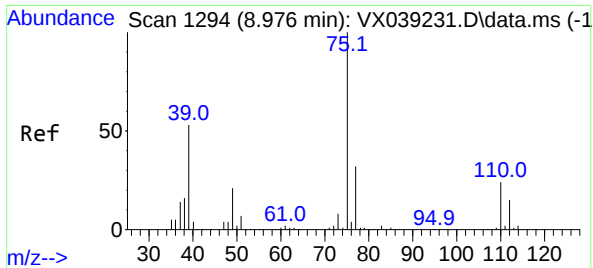
Tgt Ion: 95 Resp: 14971
Ion Ratio Lower Upper
95 100
97 58.1 45.5 84.5
132 81.8 62.2 115.4
130 91.3 67.0 124.4



#37
1,2-Dichloropropane
Concen: 0.905 ug/L
RT: 7.434 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX039242.D
Acq: 15 Dec 2023 20:39

Tgt Ion: 63 Resp: 1652
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#44
 trans-1,3-Dichloropropene
 Concen: 0.830 ug/L
 RT: 8.946 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX039242.D
 Acq: 15 Dec 2023 20:39

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 2242
 Ion Ratio Lower Upper
 75 100
 77 39.6 22.0 40.8

