

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039265.D
 Acq On : 16 Dec 2023 05:26
 Operator : JC/MD
 Sample : 05845-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:15:37 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)

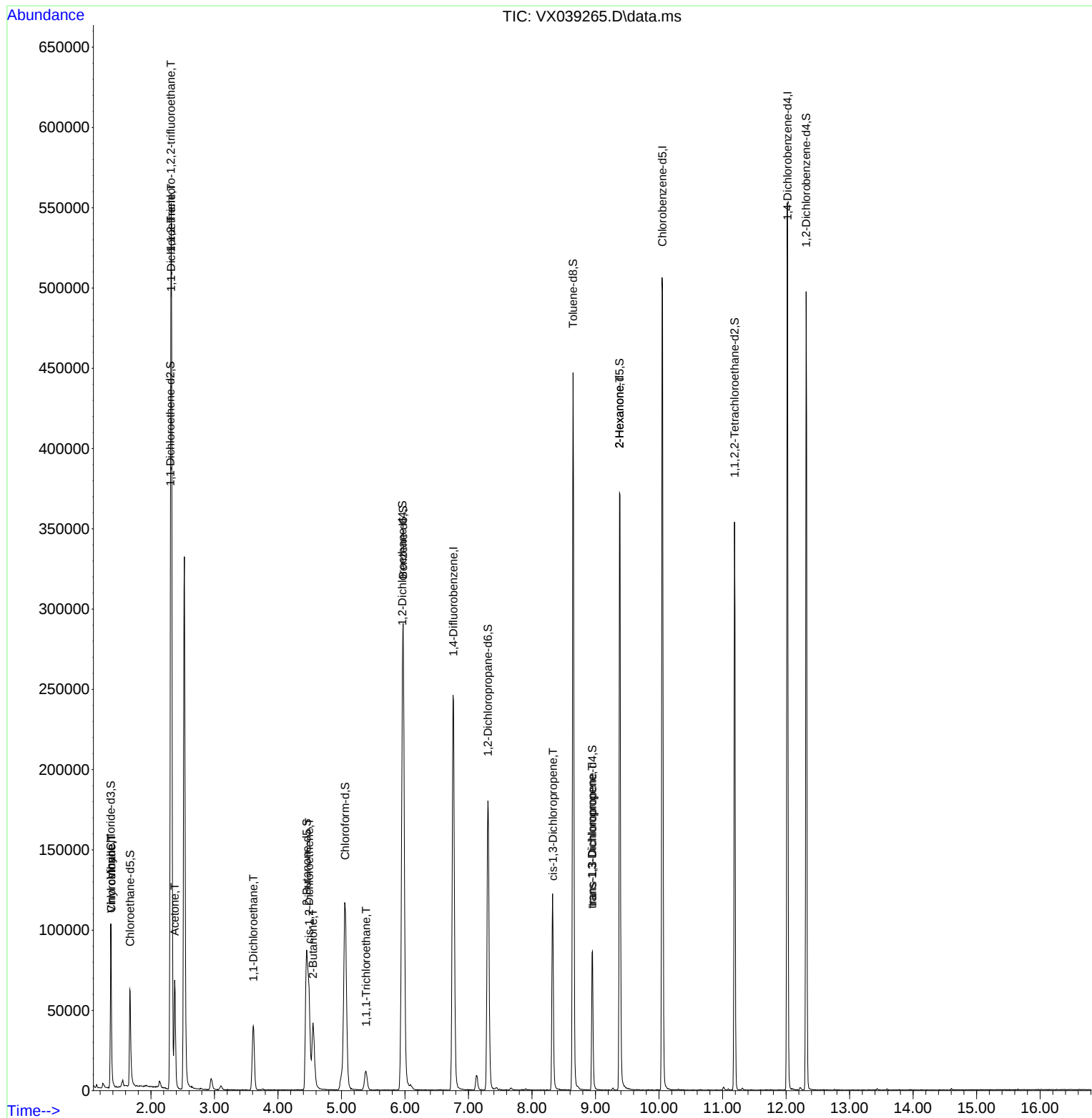
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	240585	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	222572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	103724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59273	31.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.820%
7) Chloroethane-d5	1.672	69	48868	35.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.080%
11) 1,1-Dichloroethene-d2	2.307	65	32067	38.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.420%
21) 2-Butanone-d5	4.452	46	146637	85.847	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.850%
24) Chloroform-d	5.056	84	142107	42.541	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.080%
26) 1,2-Dichloroethane-d4	5.958	65	98791	45.665	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.340%
32) Benzene-d6	5.970	84	280276	40.803	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	7.306	67	91941	41.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.180%
41) Toluene-d8	8.647	98	250908	40.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.620%
43) trans-1,3-Dichloroprop...	8.952	79	41568	36.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.900%
47) 2-Hexanone-d5	9.378	63	104677	79.282	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.280%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	133681	42.629	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	87066	44.408	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.820%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	8638	4.370	ug/L	85
8) Chloroethane	1.374	64	3186	2.851	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1206	0.732	ug/L #	25
12) 1,1-Dichloroethene	2.319	96	145064	93.597	ug/L #	79
13) Acetone	2.374	43	68942	42.014	ug/L	95
19) 1,1-Dichloroethane	3.611	63	45844	14.198	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	28028	14.797	ug/L	93
22) 2-Butanone	4.550	43	73951	36.721	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	10585	3.920	ug/L	94
39) cis-1,3-Dichloropropene	8.330	75	3098	0.990	ug/L #	81
44) trans-1,3-Dichloropropene	8.946	75	2303	0.793	ug/L	90
48) 2-Hexanone	9.378	43	20000	7.268	ug/L #	61

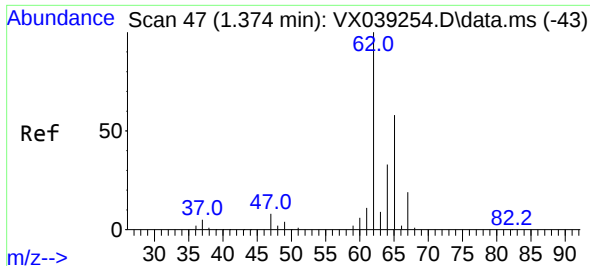
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

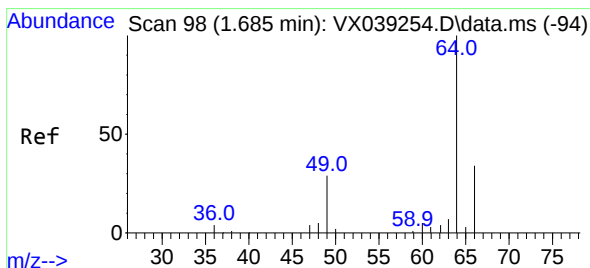
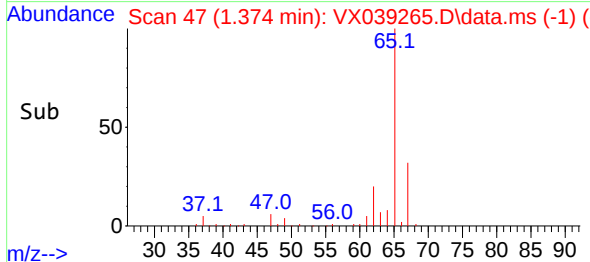
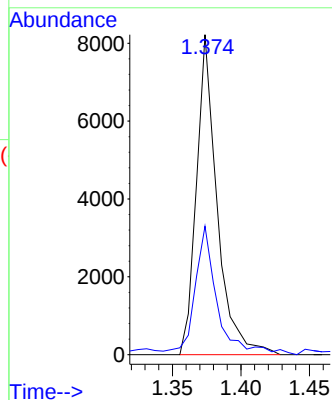
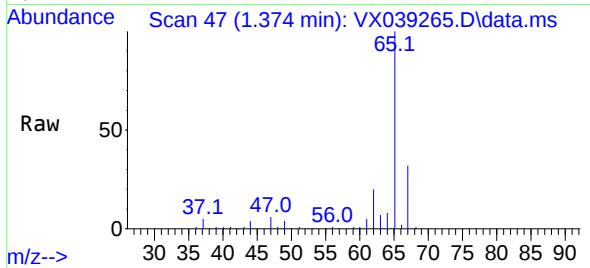




#5
Vinyl chloride
Concen: 4.370 ug/L
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

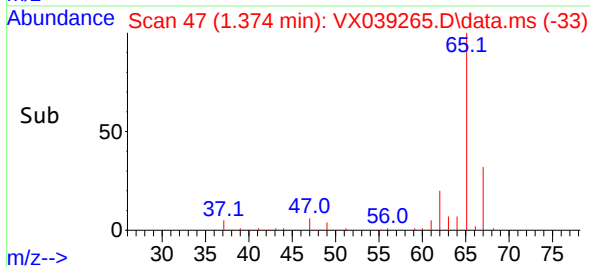
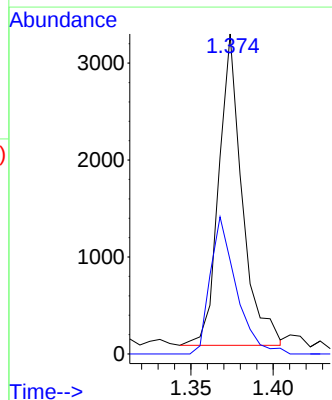
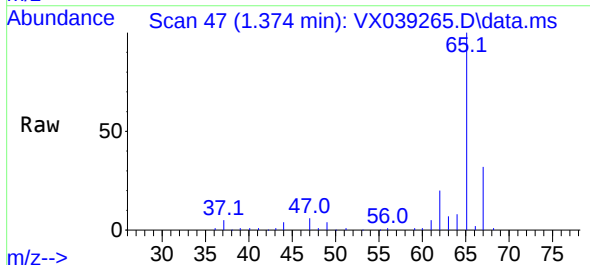
Instrument :
MSVOA_X
ClientSampleId :

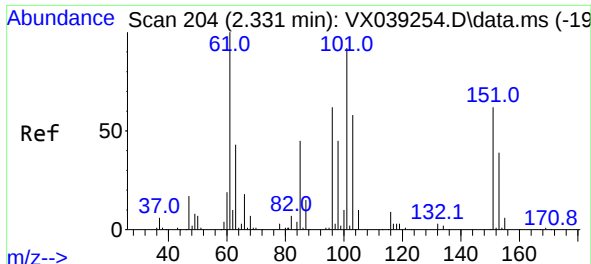
Tgt Ion: 62 Resp: 8638
Ion Ratio Lower Upper
62 100
64 40.2 22.3 41.3



#8
Chloroethane
Concen: 2.851 ug/L
RT: 1.374 min Scan# 47
Delta R.T. -0.317 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

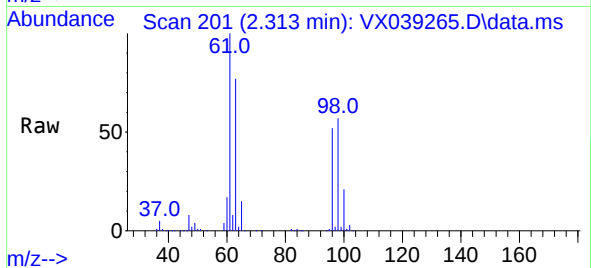
Tgt Ion: 64 Resp: 3186
Ion Ratio Lower Upper
64 100
66 29.2 23.4 43.6



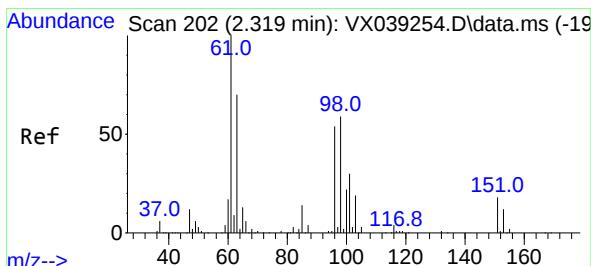
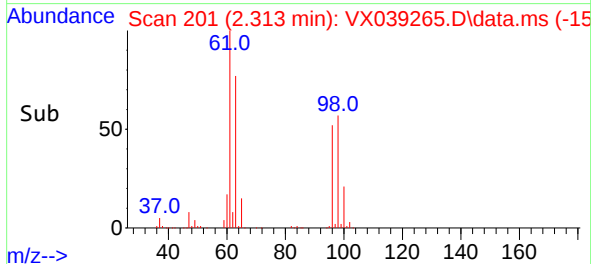
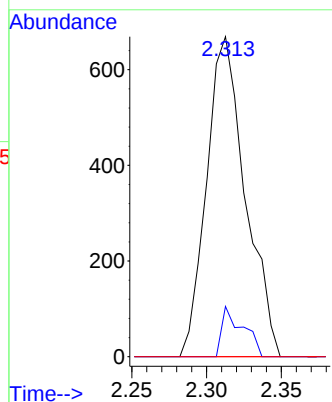


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.732 ug/L
 RT: 2.313 min Scan# 204
 Delta R.T. -0.018 min
 Lab File: VX039265.D
 Acq: 16 Dec 2023 05:26

Instrument :
 MSVOA_X
 ClientSampleId :

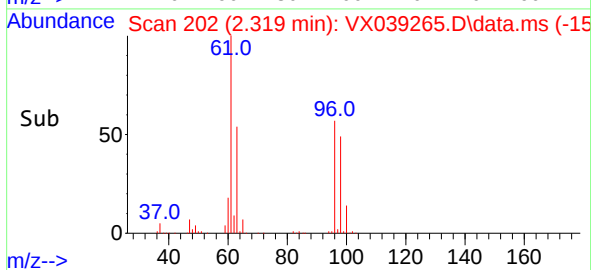
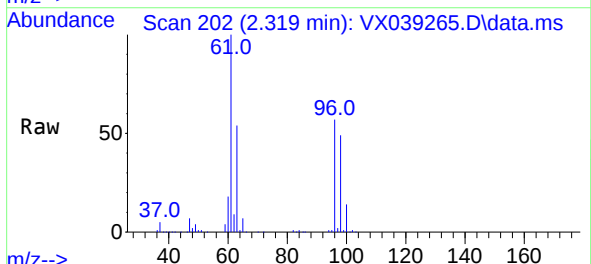
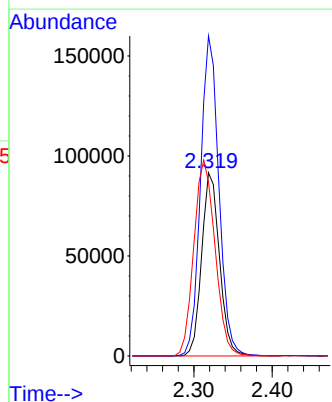


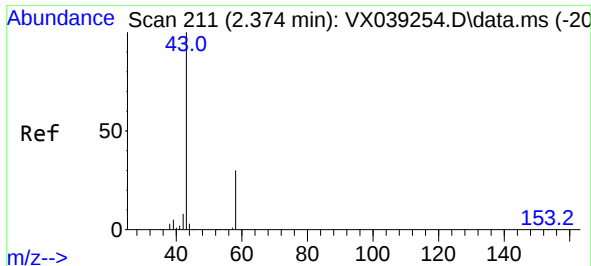
Tgt Ion:101 Resp: 1206
 Ion Ratio Lower Upper
 101 100
 85 5.1 35.8 53.6#
 151 0.0 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 93.597 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039265.D
 Acq: 16 Dec 2023 05:26

Tgt Ion: 96 Resp: 145064
 Ion Ratio Lower Upper
 96 100
 61 174.6 128.0 237.6
 63 95.0 101.5 188.5#

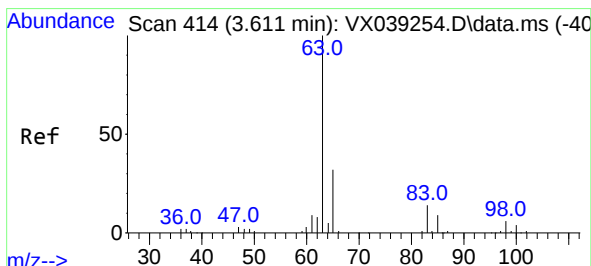
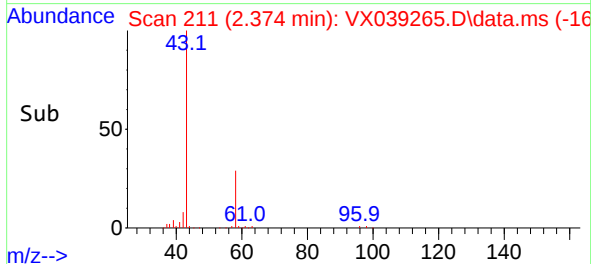
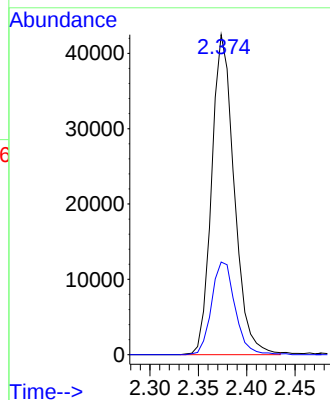
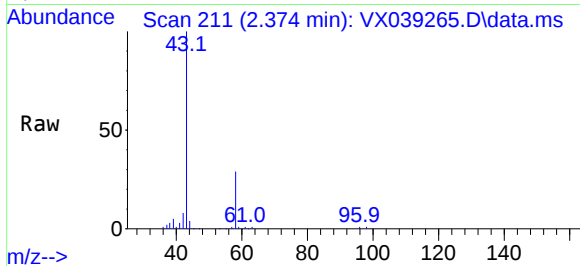




#13
Acetone
Concen: 42.014 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

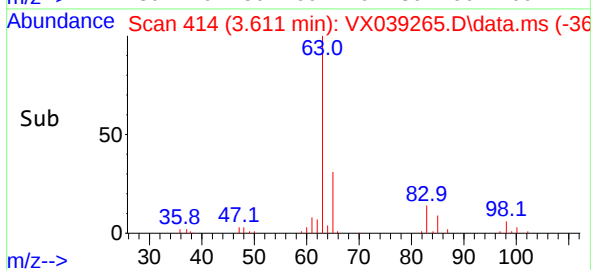
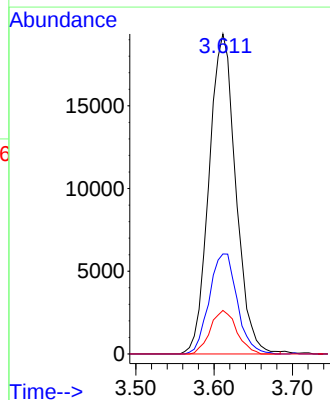
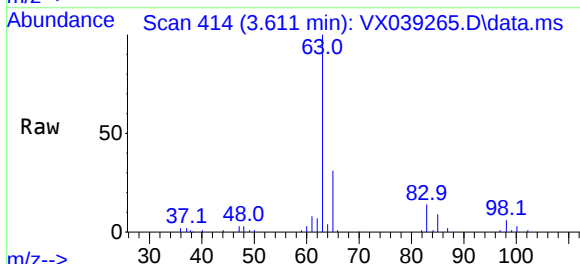
Instrument :
MSVOA_X
ClientSampleId :

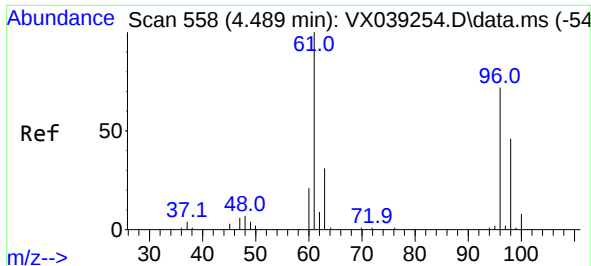
Tgt Ion: 43 Resp: 68942
Ion Ratio Lower Upper
43 100
58 30.1 0.0 65.8



#19
1,1-Dichloroethane
Concen: 14.198 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

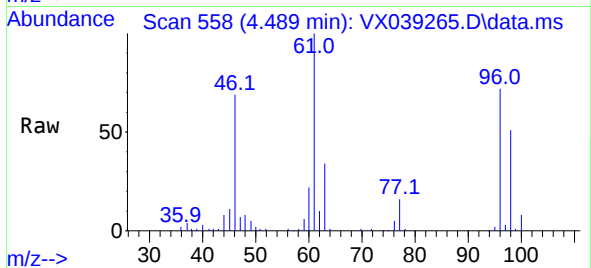
Tgt Ion: 63 Resp: 45844
Ion Ratio Lower Upper
63 100
65 31.3 21.1 39.3
83 13.6 9.7 17.9



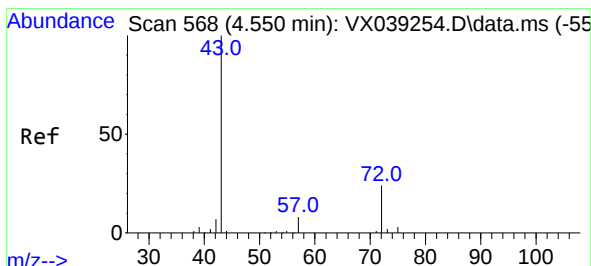
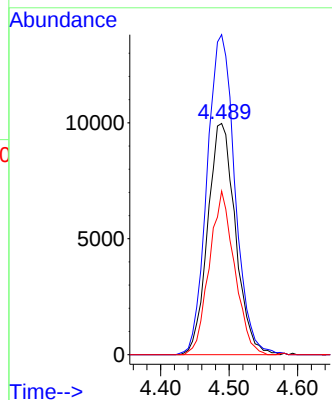
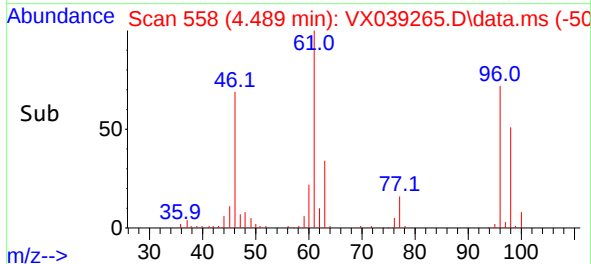


#20
cis-1,2-Dichloroethene
Concen: 14.797 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

Instrument :
MSVOA_X
ClientSampleId :

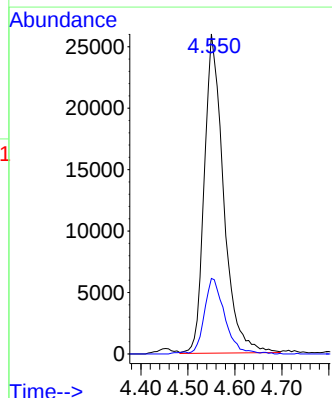
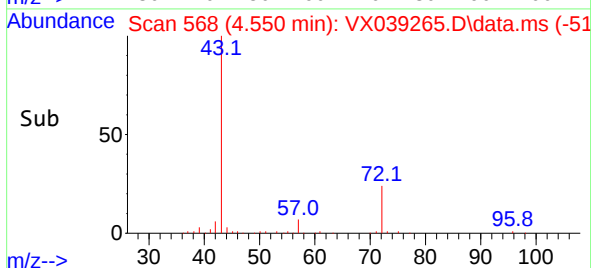
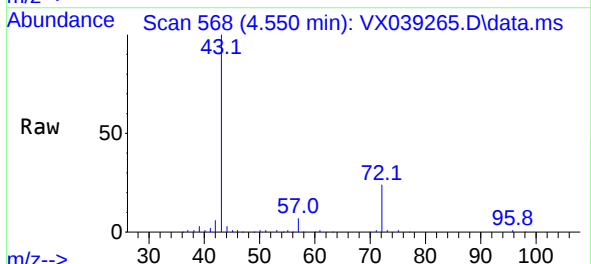


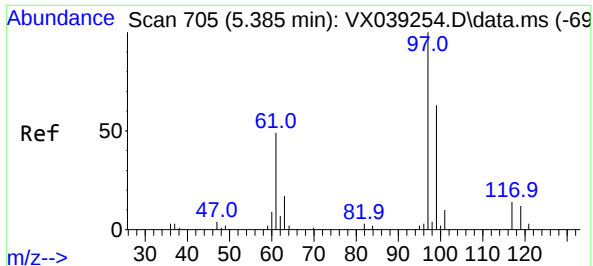
Tgt Ion: 96 Resp: 28028
Ion Ratio Lower Upper
96 100
61 138.4 91.7 170.3
98 70.7 44.2 82.2



#22
2-Butanone
Concen: 36.721 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

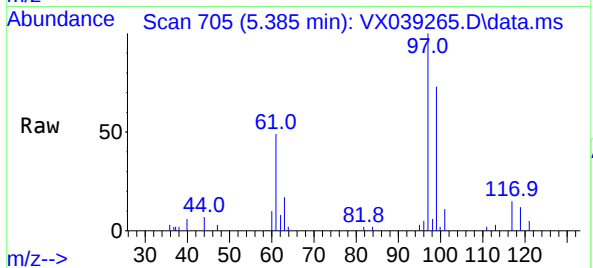
Tgt Ion: 43 Resp: 73951
Ion Ratio Lower Upper
43 100
72 24.7 12.6 37.6



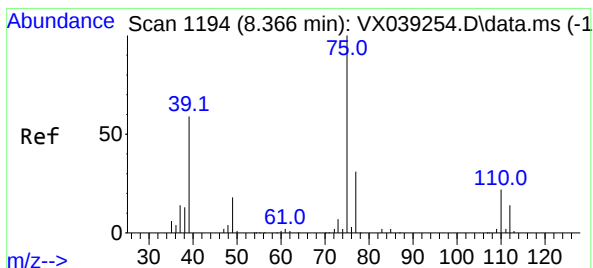
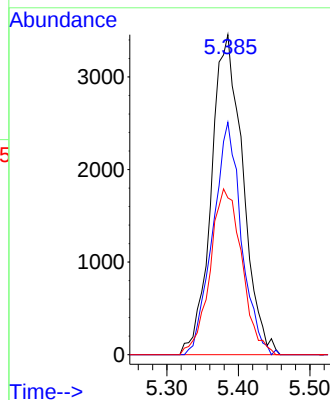
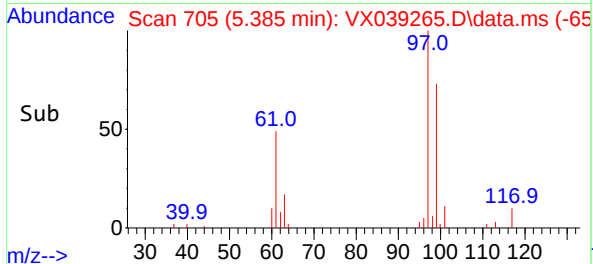


#30
1,1,1-Trichloroethane
Concen: 3.920 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.012 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

Instrument :
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ClientSampleId :

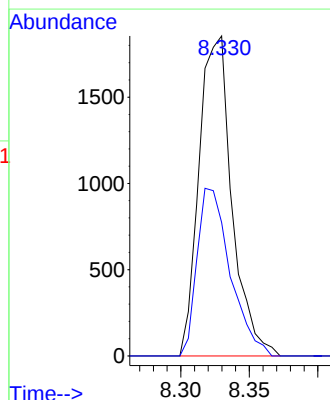
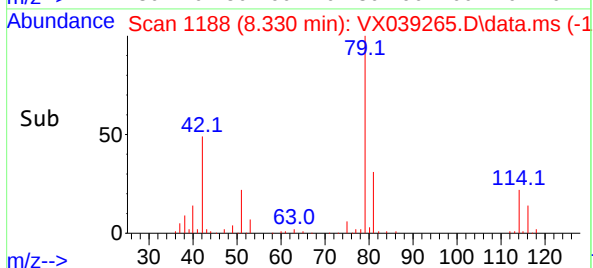
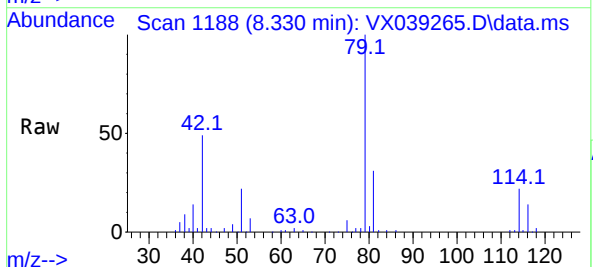


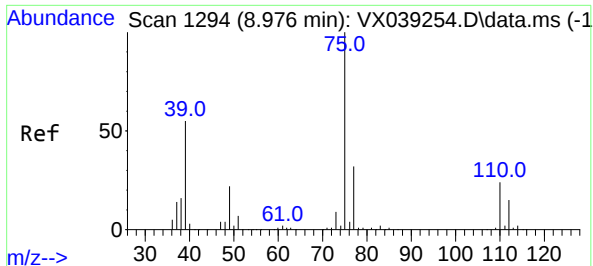
Tgt Ion: 97 Resp: 10585
Ion Ratio Lower Upper
97 100
99 65.8 51.0 76.4
61 52.3 36.7 55.1



#39
cis-1,3-Dichloropropene
Concen: 0.990 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.031 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

Tgt Ion: 75 Resp: 3098
Ion Ratio Lower Upper
75 100
77 41.7 22.0 40.8#

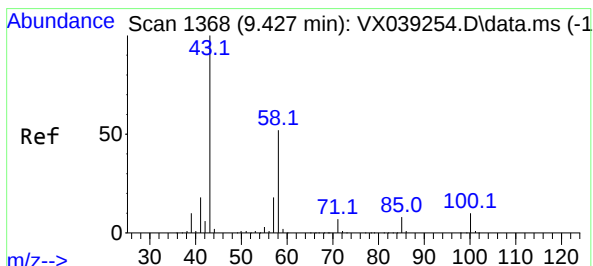
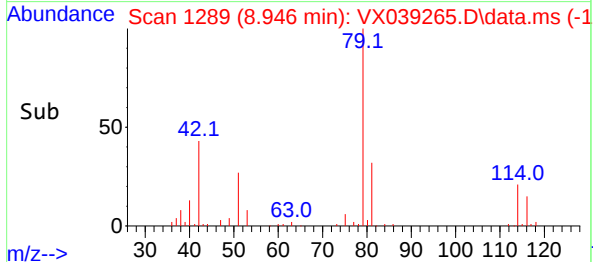
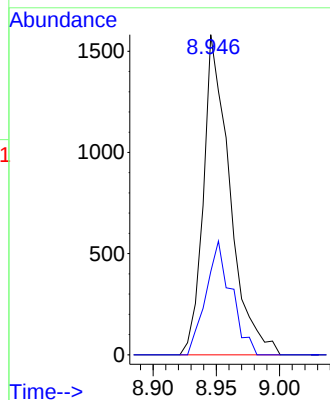
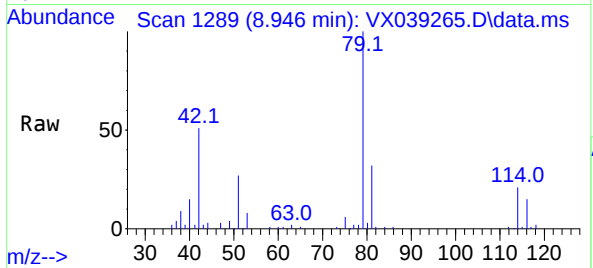




#44
trans-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 8.946 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2303
Ion Ratio Lower Upper
75 100
77 26.0 22.0 40.8



#48
2-Hexanone
Concen: 7.268 ug/L
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX039265.D
Acq: 16 Dec 2023 05:26

Tgt Ion: 43 Resp: 20000
Ion Ratio Lower Upper
43 100
58 17.1 43.0 64.6#
57 13.6 14.6 21.8#
100 0.0 8.2 12.4#

