

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039266.D
 Acq On : 16 Dec 2023 05:49
 Operator : JC/MD
 Sample : 05845-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:15:47 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)

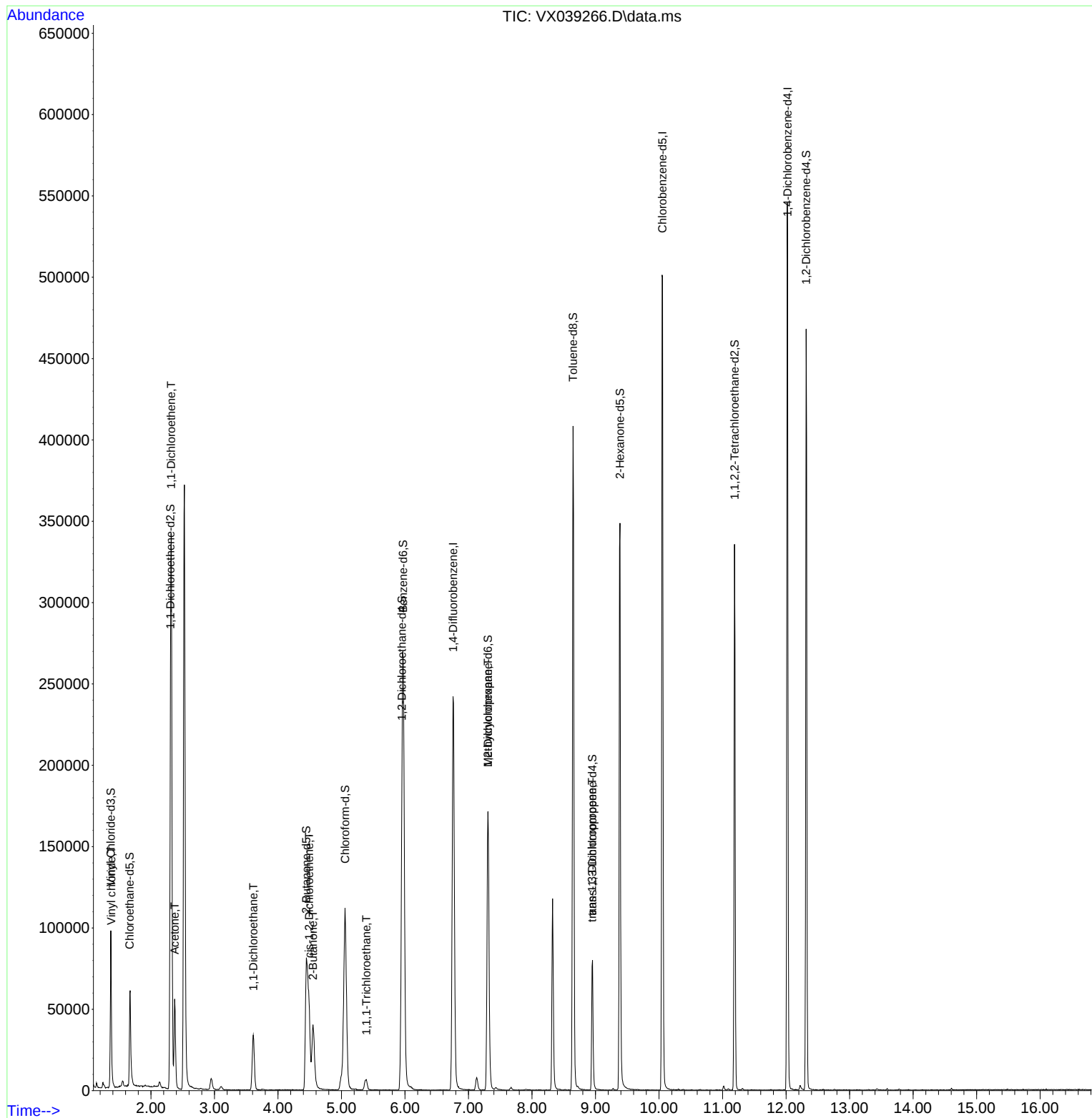
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	237067	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	218053	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	102532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55729	29.971	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.940%#
7) Chloroethane-d5	1.666	69	46213	33.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	67.240%#
11) 1,1-Dichloroethene-d2	2.307	65	29477	36.114	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.220%
21) 2-Butanone-d5	4.446	46	138143	82.074	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.070%
24) Chloroform-d	5.056	84	132877	40.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.740%
26) 1,2-Dichloroethane-d4	5.952	65	92665	43.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.940%
32) Benzene-d6	5.970	84	264410	39.291	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.580%
36) 1,2-Dichloropropane-d6	7.306	67	86993	40.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.340%
41) Toluene-d8	8.647	98	236479	38.776	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.560%#
43) trans-1,3-Dichloroprop...	8.952	79	37339	33.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.760%
47) 2-Hexanone-d5	9.385	63	95948	74.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124902	40.655	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.300%
66) 1,2-Dichlorobenzene-d4	12.317	152	82668	42.655	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.320%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	5990	3.076	ug/L	84
12) 1,1-Dichloroethene	2.319	96	79073	51.776	ug/L	91
13) Acetone	2.374	43	56234	34.778	ug/L	94
19) 1,1-Dichloroethane	3.611	63	38000	11.943	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	23645	12.669	ug/L	97
22) 2-Butanone	4.550	43	70999	35.778	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	6050	2.287	ug/L	94
35) Methylcyclohexane	7.306	83	19643	6.440	ug/L #	18
44) trans-1,3-Dichloropropene	8.946	75	2222	0.781	ug/L	98

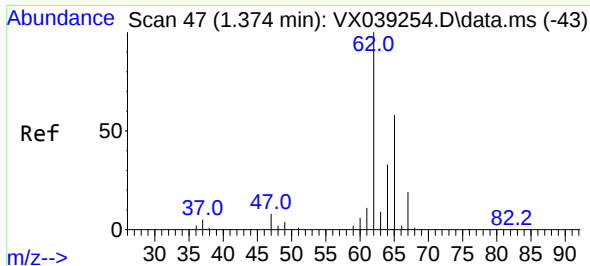
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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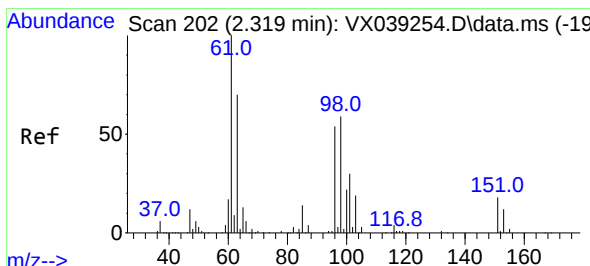
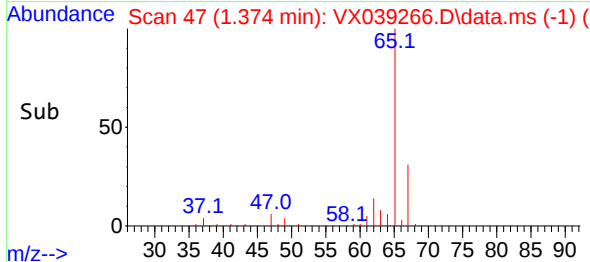
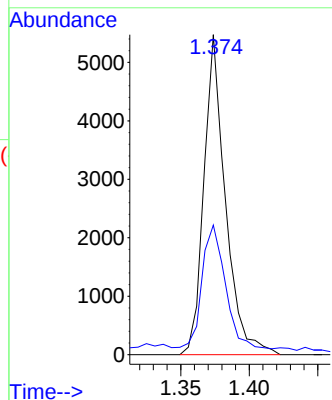
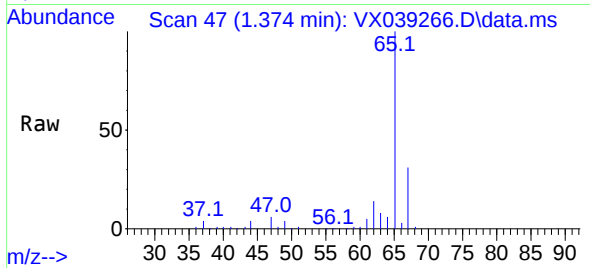




#5
 Vinyl chloride
 Concen: 3.076 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039266.D
 Acq: 16 Dec 2023 05:49

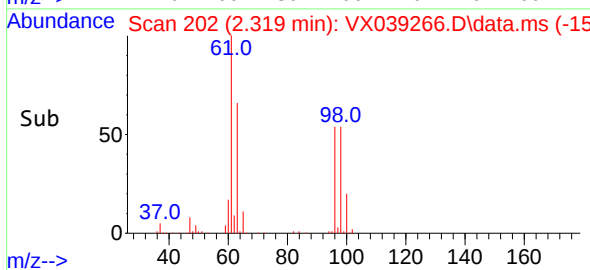
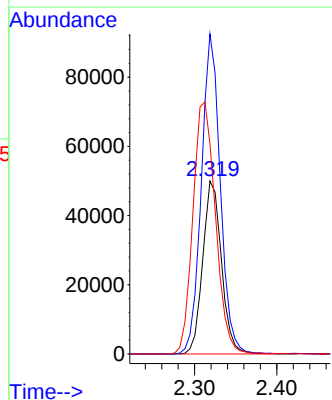
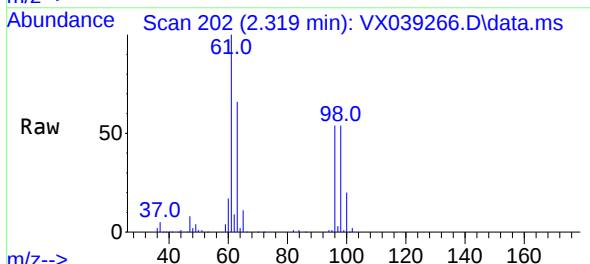
Instrument :
 MSVOA_X
 ClientSampleId :

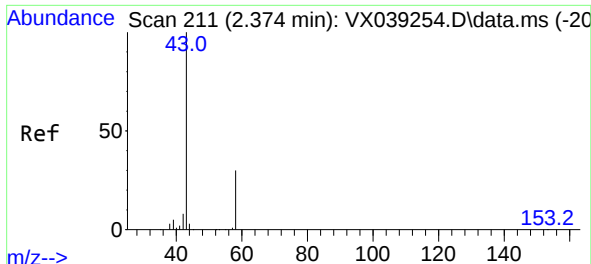
Tgt Ion: 62 Resp: 5990
 Ion Ratio Lower Upper
 62 100
 64 40.5 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 51.776 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX039266.D
 Acq: 16 Dec 2023 05:49

Tgt Ion: 96 Resp: 79073
 Ion Ratio Lower Upper
 96 100
 61 185.1 128.0 237.6
 63 121.4 101.5 188.5

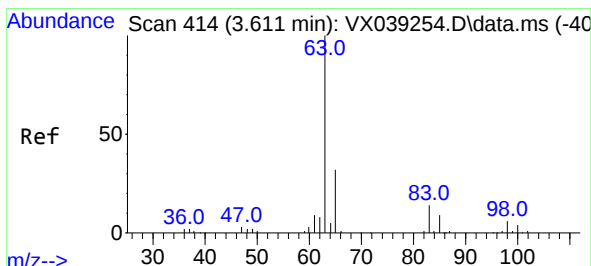
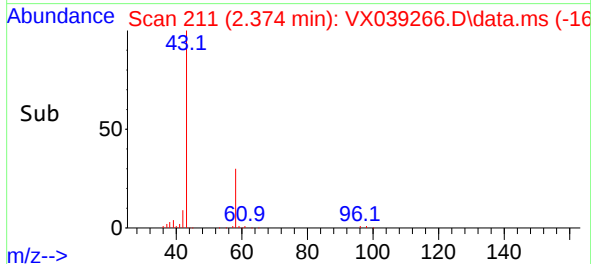
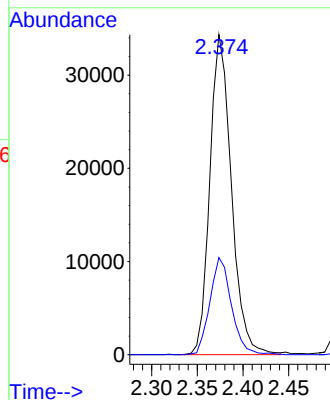
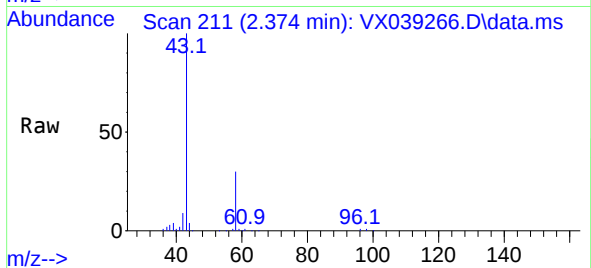




#13
Acetone
Concen: 34.778 ug/L
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039266.D
Acq: 16 Dec 2023 05:49

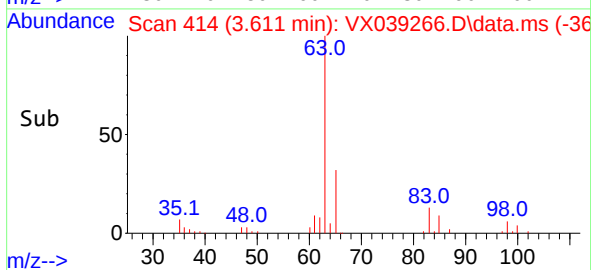
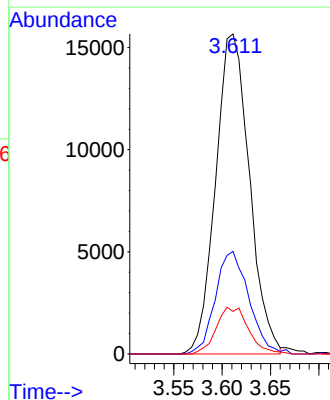
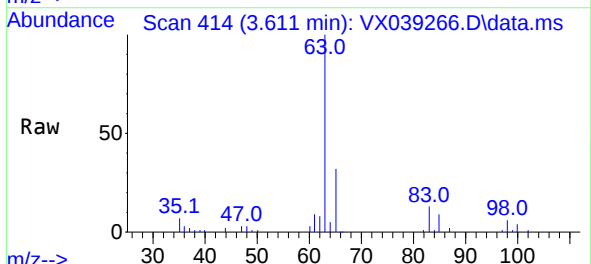
Instrument :
MSVOA_X
ClientSampleId :

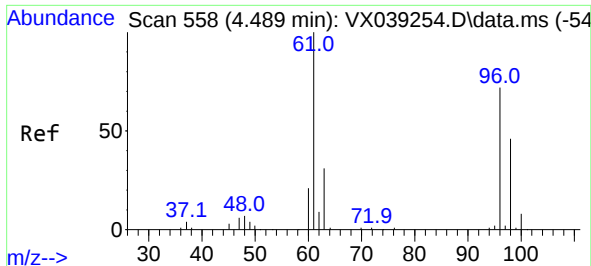
Tgt Ion: 43 Resp: 56234
Ion Ratio Lower Upper
43 100
58 29.7 0.0 65.8



#19
1,1-Dichloroethane
Concen: 11.943 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX039266.D
Acq: 16 Dec 2023 05:49

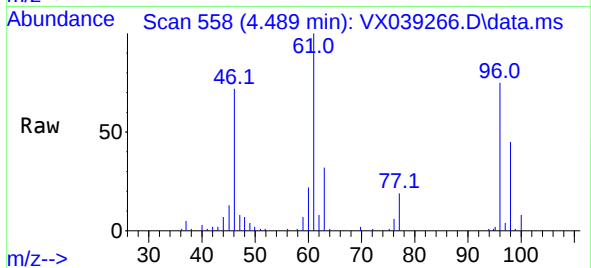
Tgt Ion: 63 Resp: 38000
Ion Ratio Lower Upper
63 100
65 32.0 21.1 39.3
83 13.3 9.7 17.9



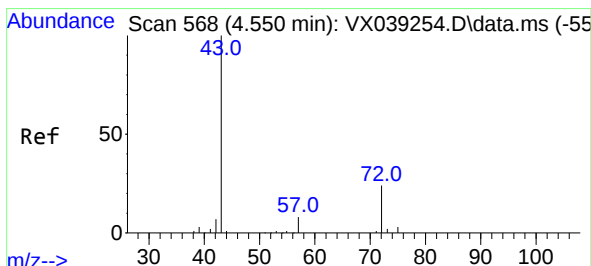
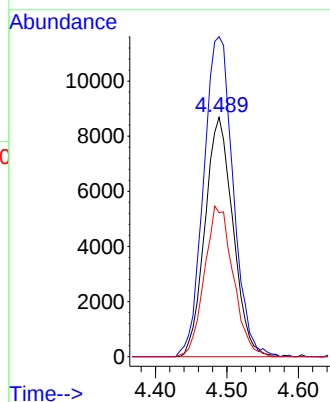
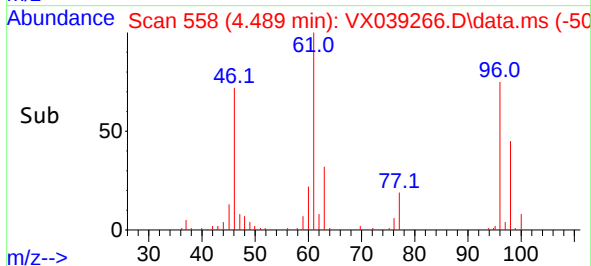


#20
cis-1,2-Dichloroethene
Concen: 12.669 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX039266.D
Acq: 16 Dec 2023 05:49

Instrument :
MSVOA_X
ClientSampleId :

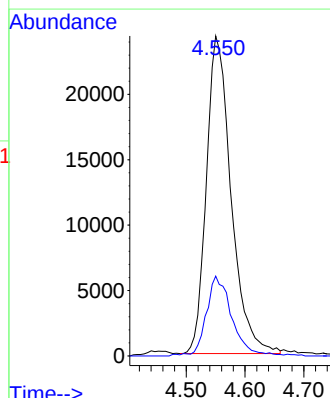
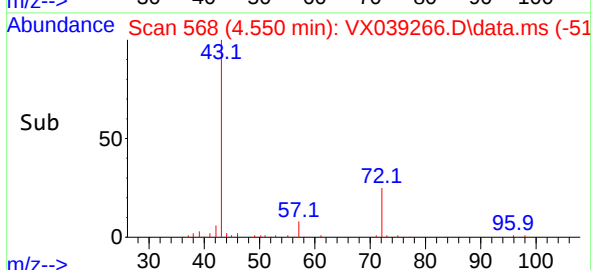
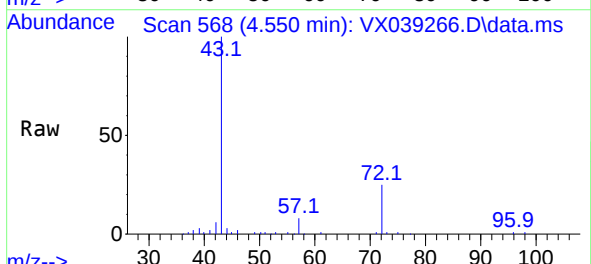


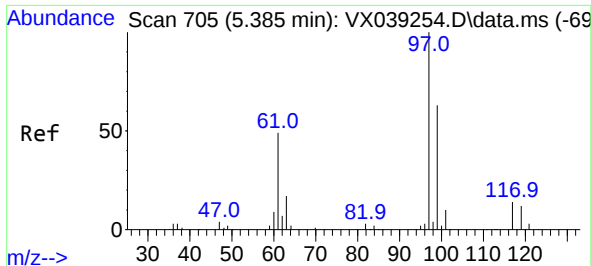
Tgt Ion: 96 Resp: 23645
Ion Ratio Lower Upper
96 100
61 133.7 91.7 170.3
98 60.2 44.2 82.2



#22
2-Butanone
Concen: 35.778 ug/L
RT: 4.550 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX039266.D
Acq: 16 Dec 2023 05:49

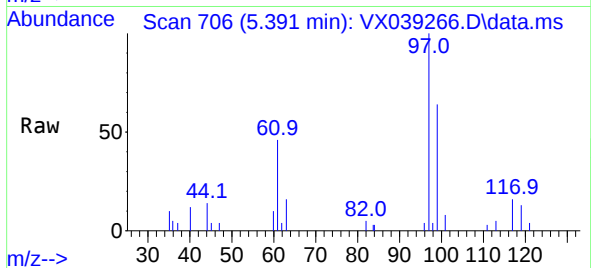
Tgt Ion: 43 Resp: 70999
Ion Ratio Lower Upper
43 100
72 24.1 12.6 37.6



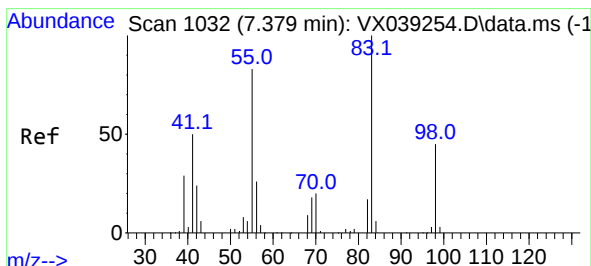
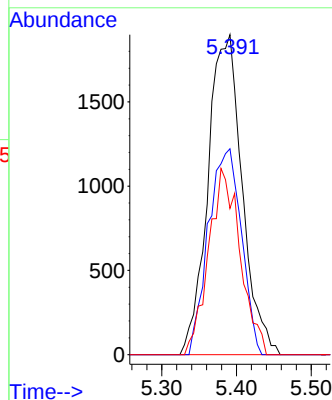
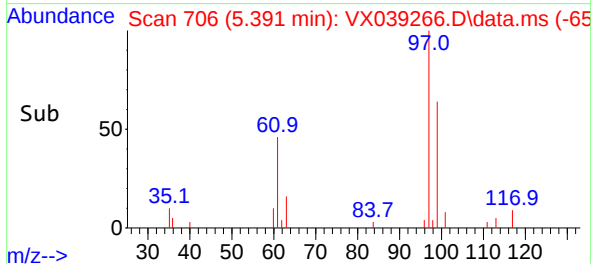


#30
1,1,1-Trichloroethane
Concen: 2.287 ug/L
RT: 5.391 min Scan# 705
Delta R.T. 0.018 min
Lab File: VX039266.D
Acq: 16 Dec 2023 05:49

Instrument :
MSVOA_X
ClientSampleId :

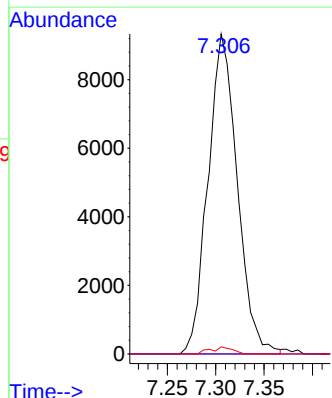
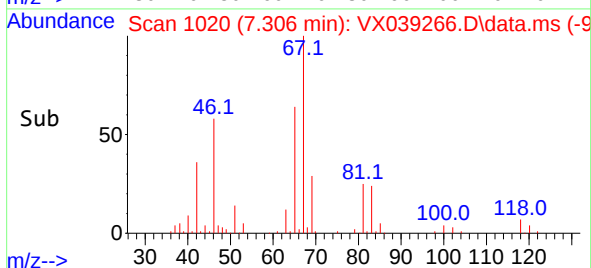
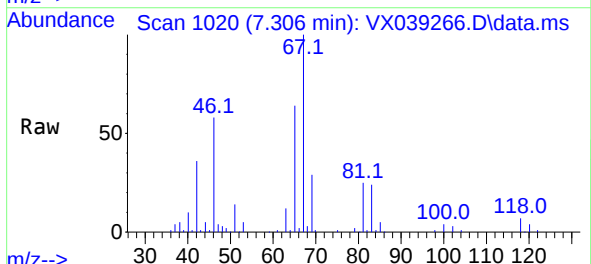


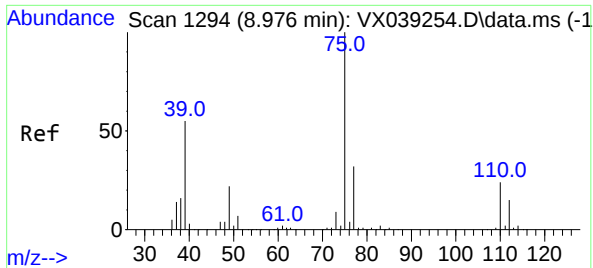
Tgt Ion: 97 Resp: 6050
Ion Ratio Lower Upper
97 100
99 61.9 51.0 76.4
61 53.4 36.7 55.1



#35
Methylcyclohexane
Concen: 6.440 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.067 min
Lab File: VX039266.D
Acq: 16 Dec 2023 05:49

Tgt Ion: 83 Resp: 19643
Ion Ratio Lower Upper
83 100
55 0.0 62.5 93.7#
98 1.0 36.1 54.1#





#44
 trans-1,3-Dichloropropene
 Concen: 0.781 ug/L
 RT: 8.946 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX039266.D
 Acq: 16 Dec 2023 05:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 2222
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.0 40.8

