

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121623\
 Data File : VX039263.D
 Acq On : 16 Dec 2023 04:40
 Operator : JC/MD
 Sample : 05845-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 16 20:15:15 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)

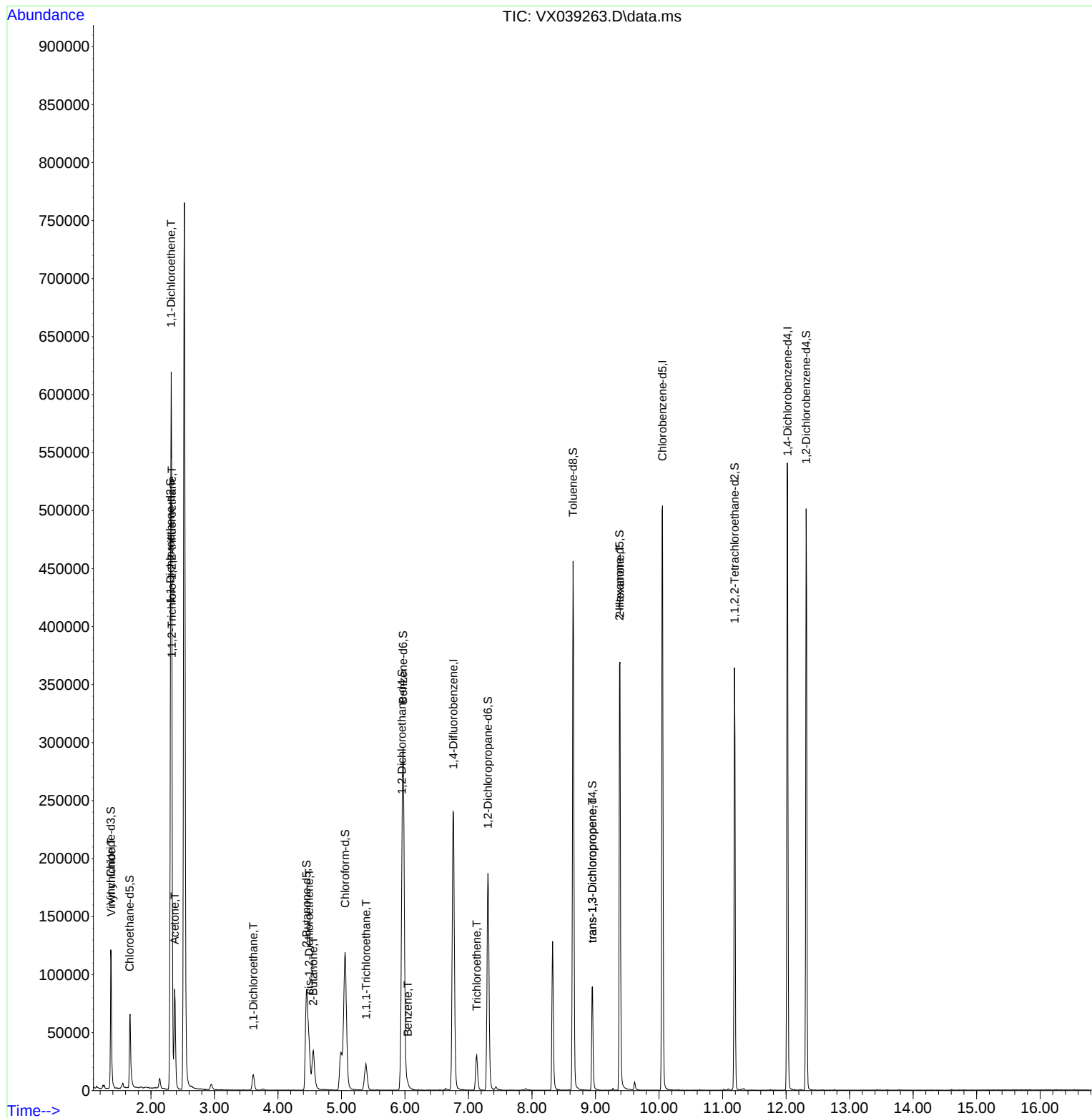
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	238346	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	219075	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62856	33.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.240%
7) Chloroethane-d5	1.666	69	50042	36.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.440%
11) 1,1-Dichloroethene-d2	2.306	65	33120	40.360	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.720%
21) 2-Butanone-d5	4.446	46	150645	89.022	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.020%
24) Chloroform-d	5.056	84	144872	43.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.560%
26) 1,2-Dichloroethane-d4	5.952	65	101694	47.449	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.900%
32) Benzene-d6	5.970	84	287884	42.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.160%
36) 1,2-Dichloropropane-d6	7.305	67	94921	43.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.240%
41) Toluene-d8	8.647	98	258572	42.201	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.952	79	42657	38.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.040%
47) 2-Hexanone-d5	9.378	63	106010	81.573	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.570%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	138631	44.913	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	90205	47.214	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.420%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	21927	11.198	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4137	2.534	ug/L #	73
12) 1,1-Dichloroethene	2.319	96	162739	105.988	ug/L #	81
13) Acetone	2.373	43	87145	53.605	ug/L	96
19) 1,1-Dichloroethane	3.611	63	15331	4.793	ug/L	92
20) cis-1,2-Dichloroethene	4.489	96	16724	8.912	ug/L	92
22) 2-Butanone	4.556	43	59822	29.984	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	20357	7.659	ug/L	97
33) Benzene	6.044	78	4952	0.711	ug/L	100
34) Trichloroethene	7.129	95	11901	6.468	ug/L	94
44) trans-1,3-Dichloropropene	8.952	75	2148	0.752	ug/L #	68
48) 2-Hexanone	9.384	43	14631	5.402	ug/L #	70

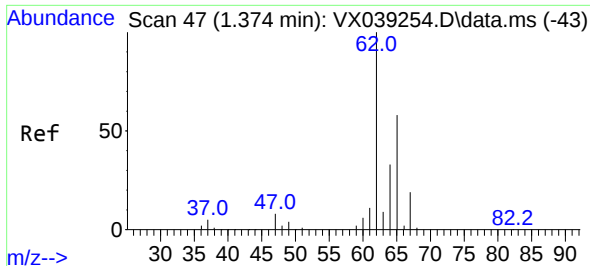
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
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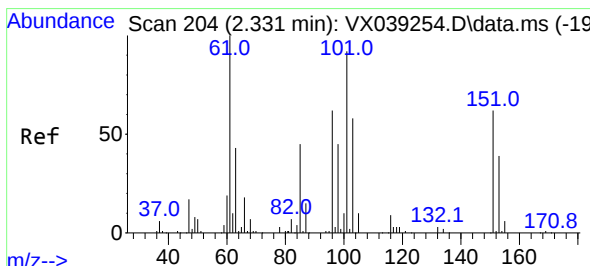
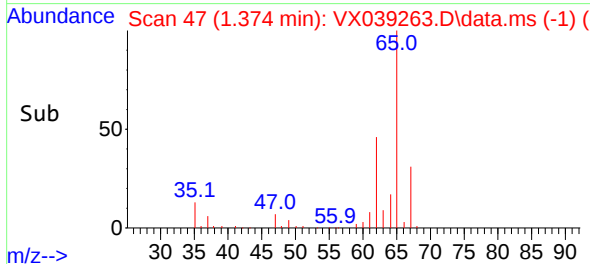
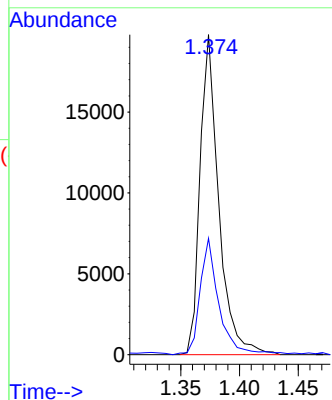
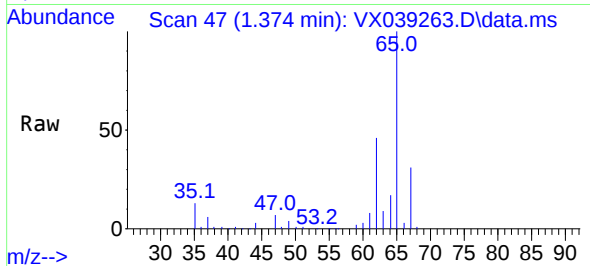




#5
Vinyl chloride
Concen: 11.198 ug/L
RT: 1.374 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

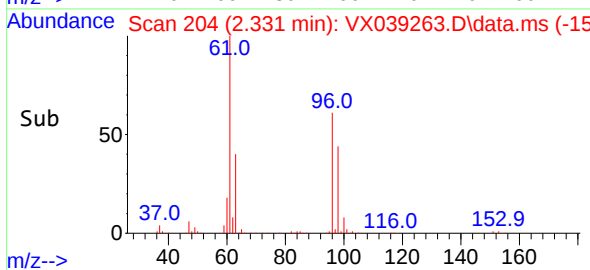
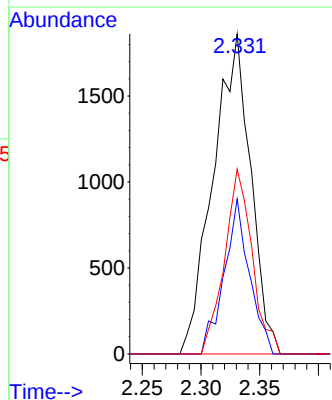
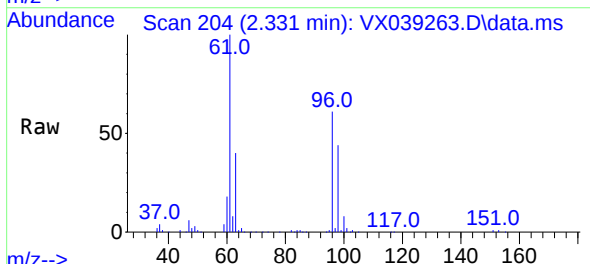
Instrument :
MSVOA_X
ClientSampleId :

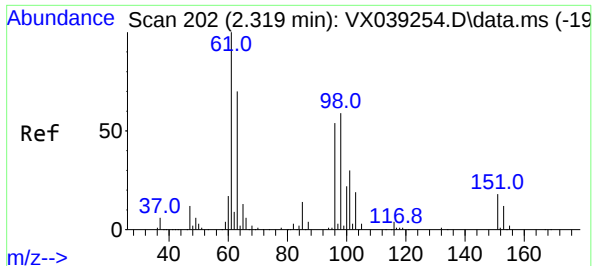
Tgt Ion: 62 Resp: 21927
Ion Ratio Lower Upper
62 100
64 36.3 22.3 41.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.534 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

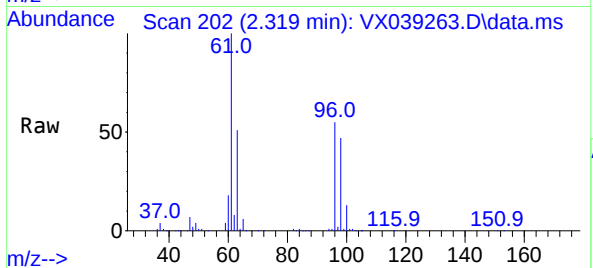
Tgt Ion: 101 Resp: 4137
Ion Ratio Lower Upper
101 100
85 32.6 35.8 53.6#
151 42.6 55.4 83.2#



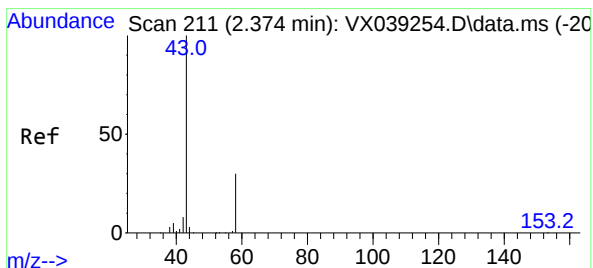
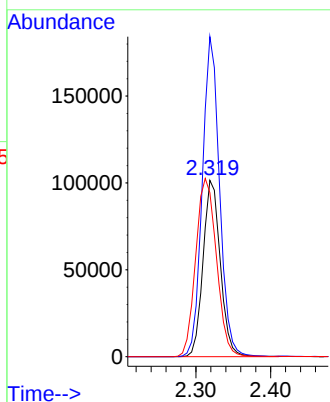
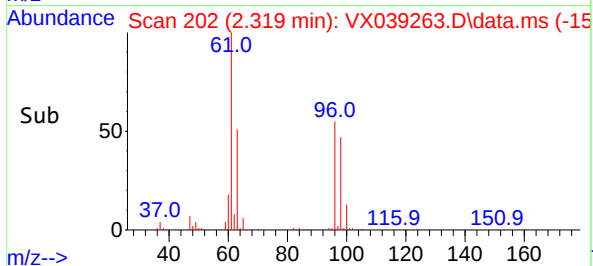


#12
1,1-Dichloroethene
Concen: 105.988 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

Instrument :
MSVOA_X
ClientSampleId :

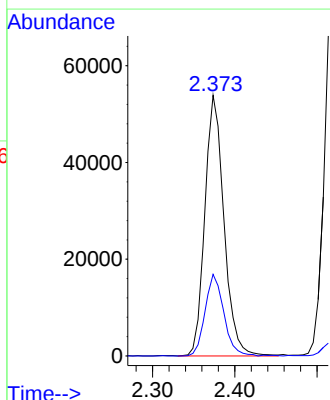
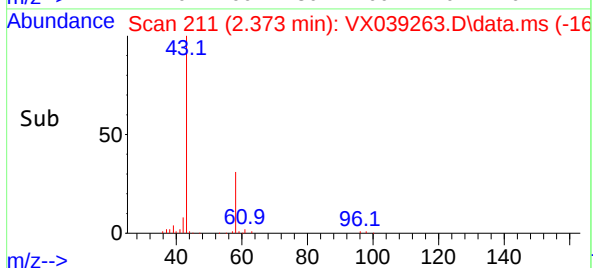
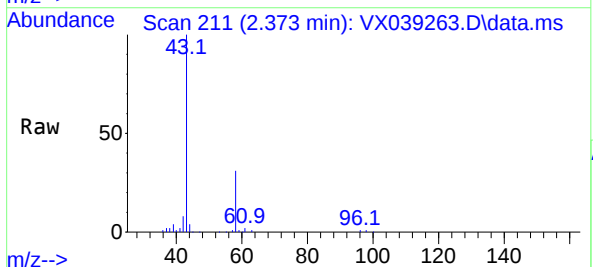


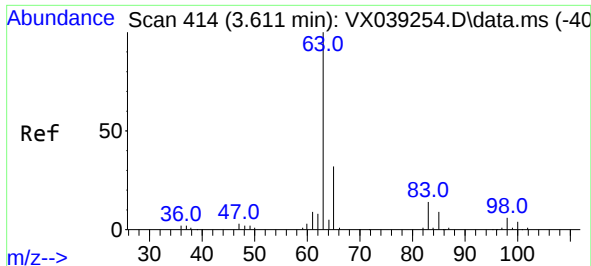
Tgt Ion: 96 Resp: 162739
Ion Ratio Lower Upper
96 100
61 181.4 128.0 237.6
63 93.0 101.5 188.5#



#13
Acetone
Concen: 53.605 ug/L
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

Tgt Ion: 43 Resp: 87145
Ion Ratio Lower Upper
43 100
58 30.6 0.0 65.8





#19

1,1-Dichloroethane

Concen: 4.793 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX039263.D

Acq: 16 Dec 2023 04:40

Instrument :

MSVOA_X

ClientSampleId :

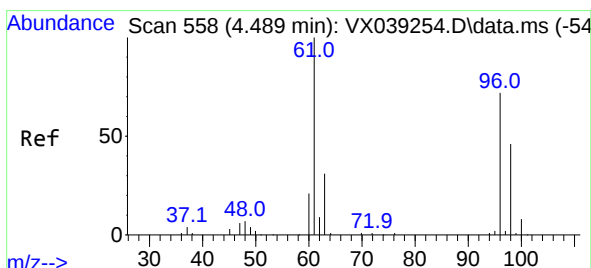
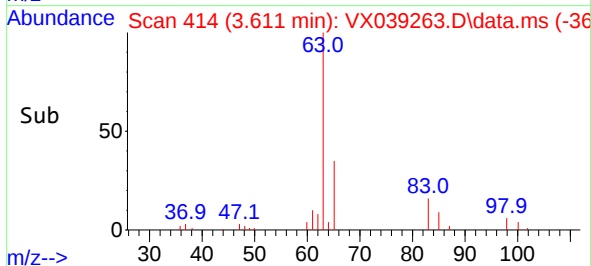
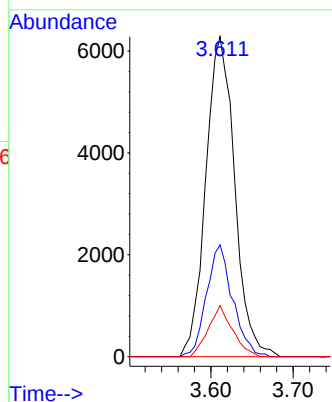
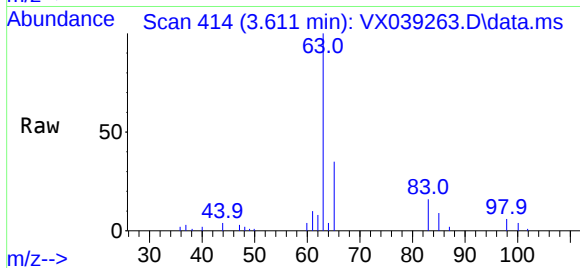
Tgt Ion: 63 Resp: 15331

Ion Ratio Lower Upper

63 100

65 35.0 21.1 39.3

83 15.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 8.912 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX039263.D

Acq: 16 Dec 2023 04:40

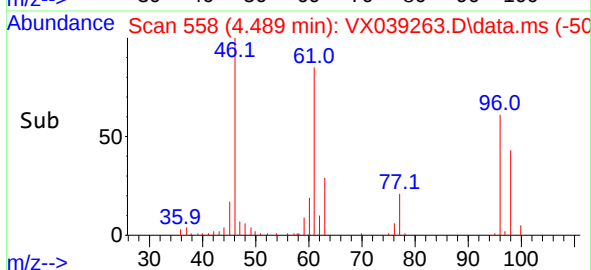
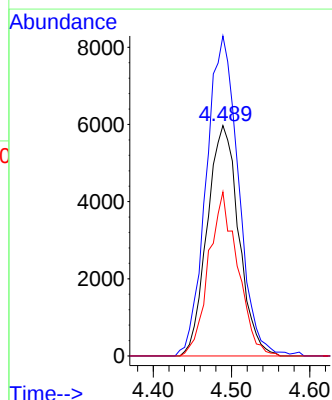
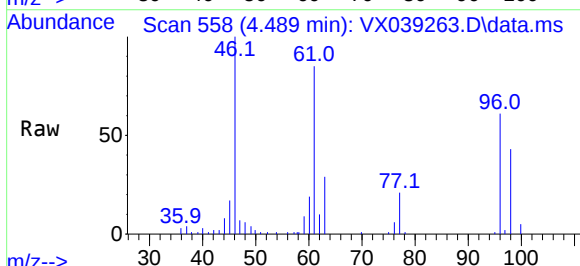
Tgt Ion: 96 Resp: 16724

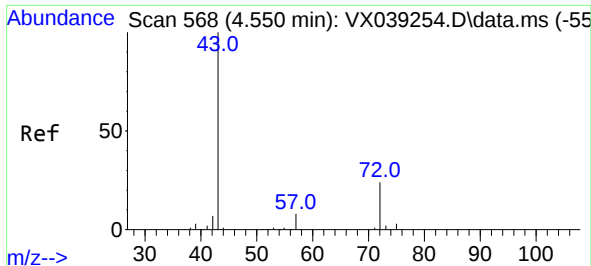
Ion Ratio Lower Upper

96 100

61 138.9 91.7 170.3

98 71.2 44.2 82.2





#22

2-Butanone

Concen: 29.984 ug/L

RT: 4.556 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX039263.D

Acq: 16 Dec 2023 04:40

Instrument :

MSVOA_X

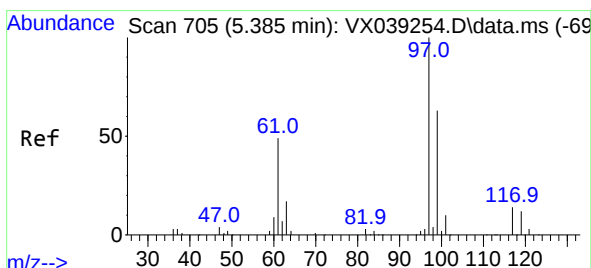
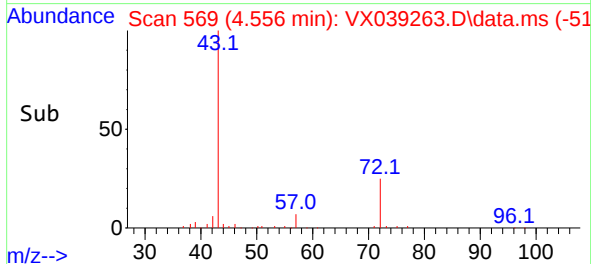
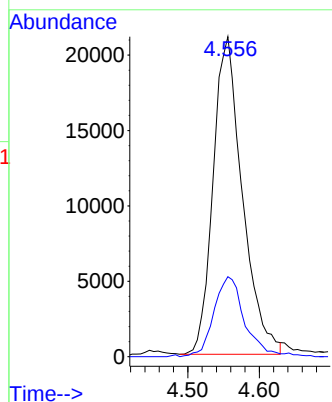
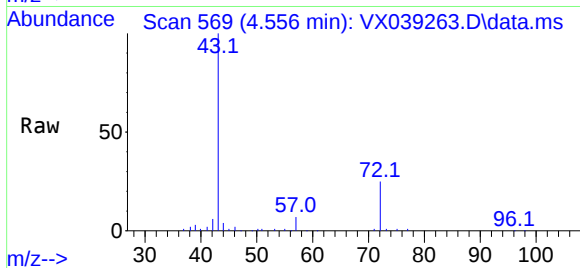
ClientSampleId :

Tgt Ion: 43 Resp: 59822

Ion Ratio Lower Upper

43 100

72 26.2 12.6 37.6



#30

1,1,1-Trichloroethane

Concen: 7.659 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX039263.D

Acq: 16 Dec 2023 04:40

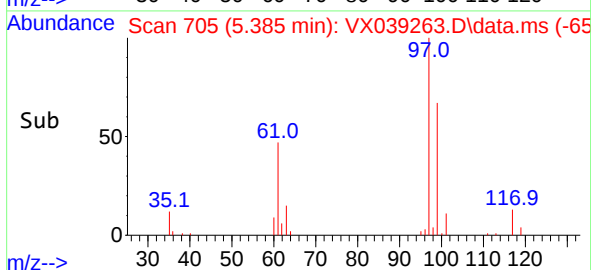
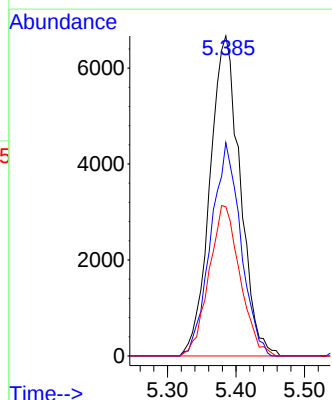
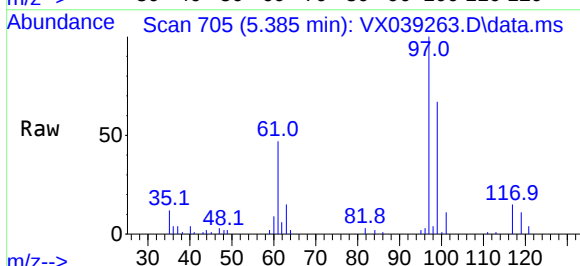
Tgt Ion: 97 Resp: 20357

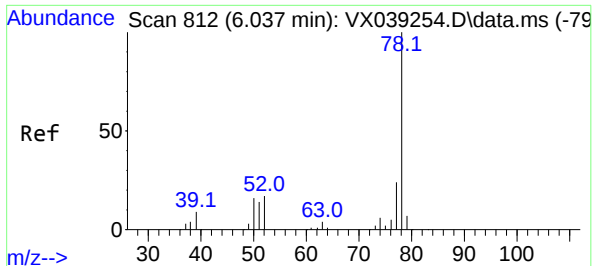
Ion Ratio Lower Upper

97 100

99 66.3 51.0 76.4

61 48.3 36.7 55.1

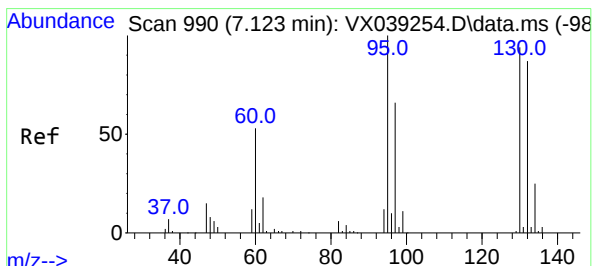
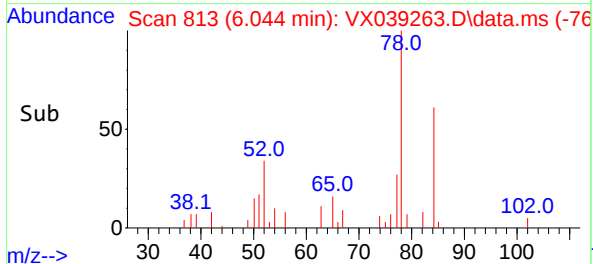
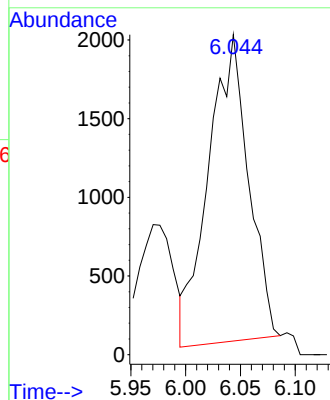
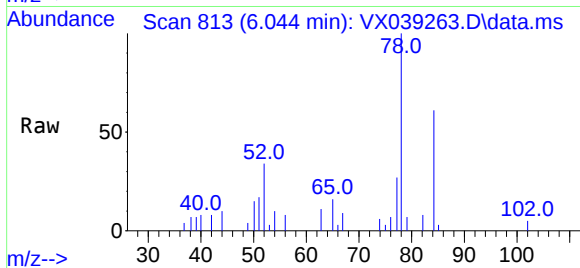




#33
Benzene
Concen: 0.711 ug/L
RT: 6.044 min Scan# 812
Delta R.T. 0.012 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

Instrument :
MSVOA_X
ClientSampleId :

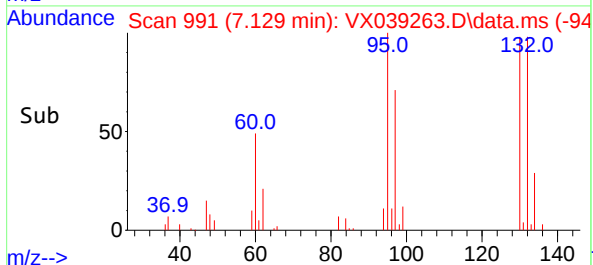
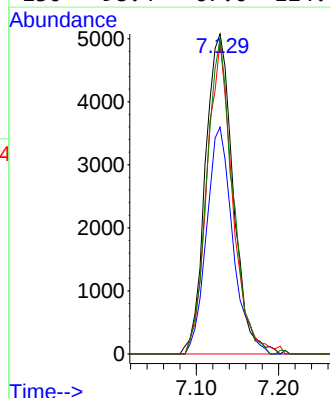
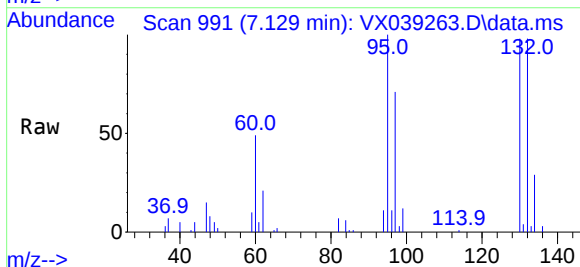
Tgt Ion: 78 Resp: 4952

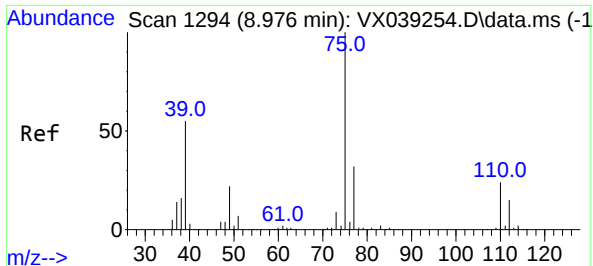


#34
Trichloroethene
Concen: 6.468 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

Tgt Ion: 95 Resp: 11901

Ion	Ratio	Lower	Upper
95	100		
97	70.8	45.5	84.5
132	97.8	62.2	115.4
130	98.4	67.0	124.4

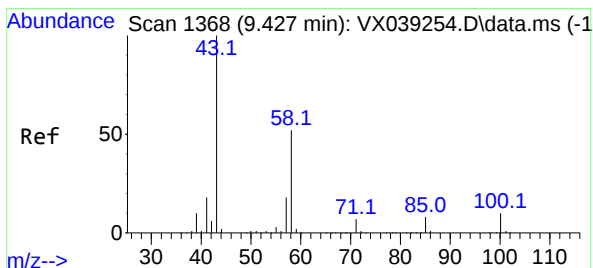
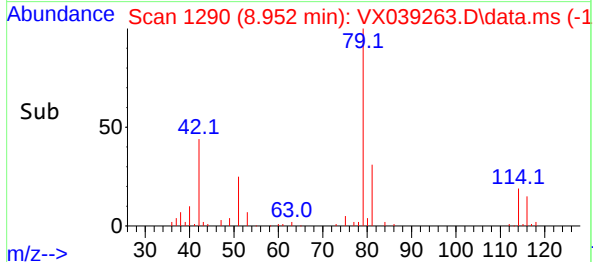
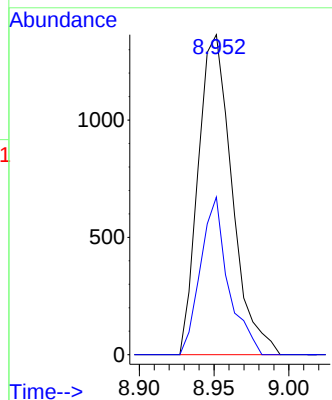
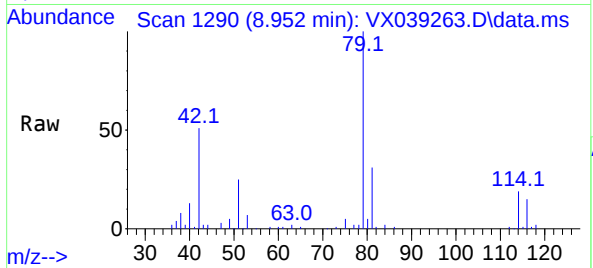




#44
trans-1,3-Dichloropropene
Concen: 0.752 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 2148
Ion Ratio Lower Upper
75 100
77 49.3 22.0 40.8#



#48
2-Hexanone
Concen: 5.402 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX039263.D
Acq: 16 Dec 2023 04:40

Tgt Ion: 43 Resp: 14631
Ion Ratio Lower Upper
43 100
58 26.1 43.0 64.6#
57 20.0 14.6 21.8
100 0.0 8.2 12.4#

