

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 :
 YCHE4

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)

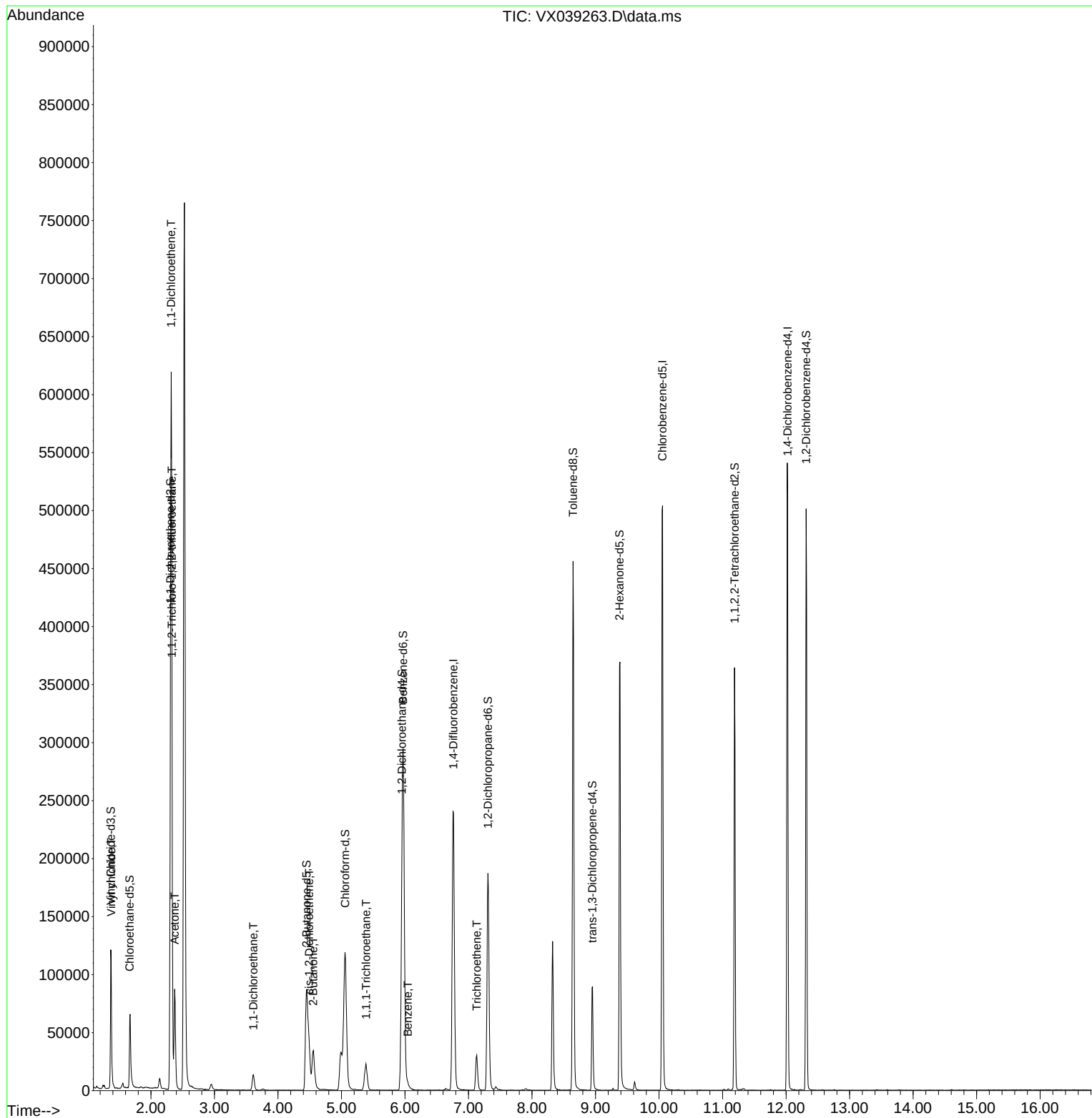
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	238346	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	219075	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	101078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62856	33.623	ug/L	0.00
Spiked Amount 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

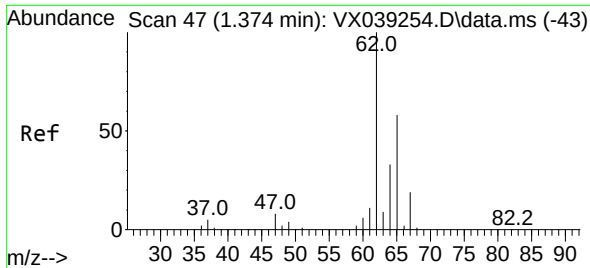
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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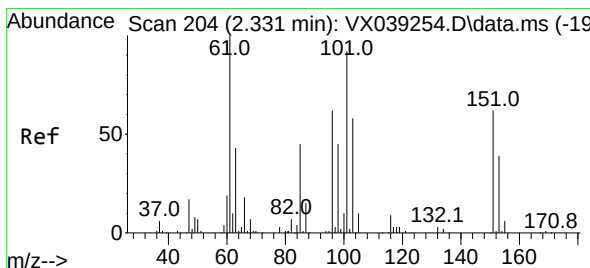
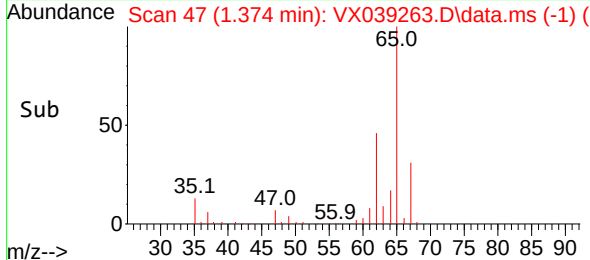
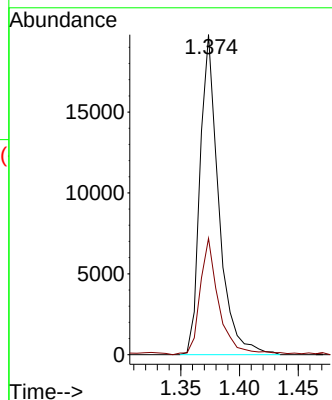
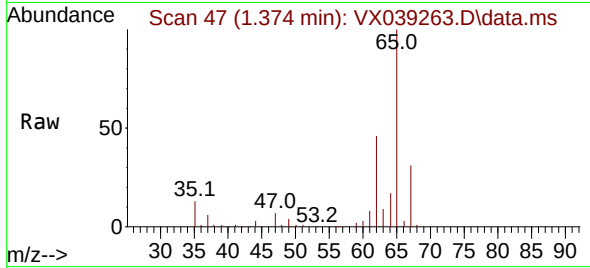




#5
 Vinyl chloride
 Concen: 11.198 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX039263.D
 Acq: 16 Dec 2023 04:40

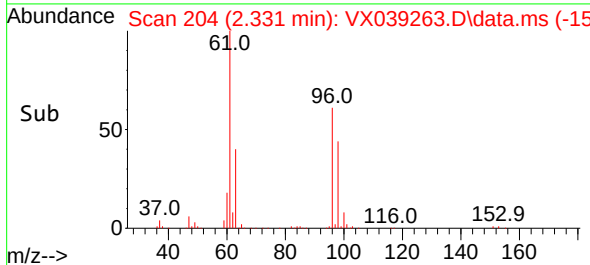
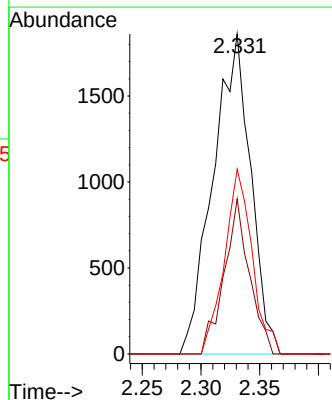
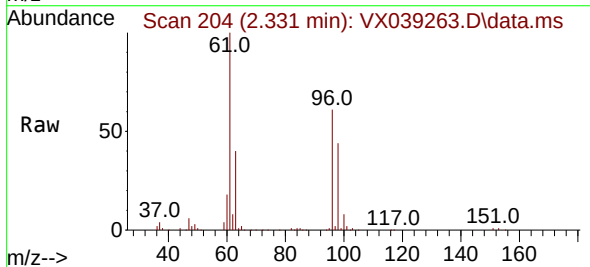
Instrument :
 MSVOA_X
 ClientSampleId :
 YCHE4

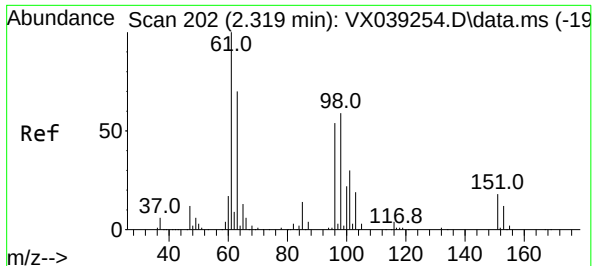
Tgt Ion: 62 Resp: 21927
 Ion Ratio Lower Upper
 62 100
 64 36.3 22.3 41.3



#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 :

YC4E4

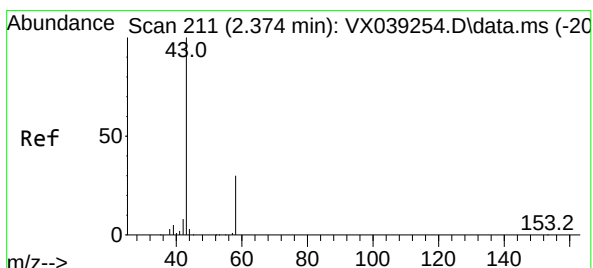
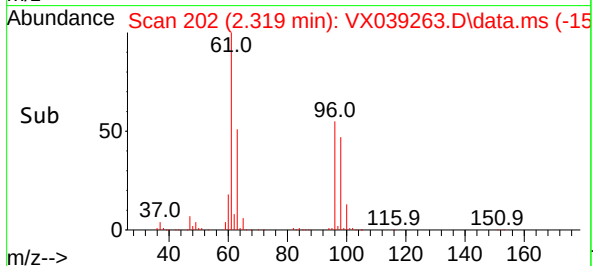
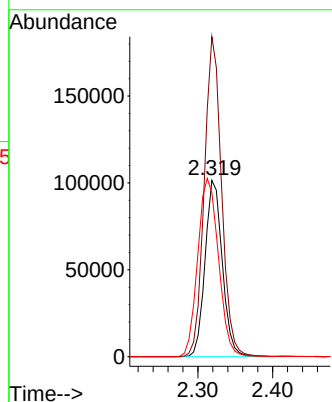
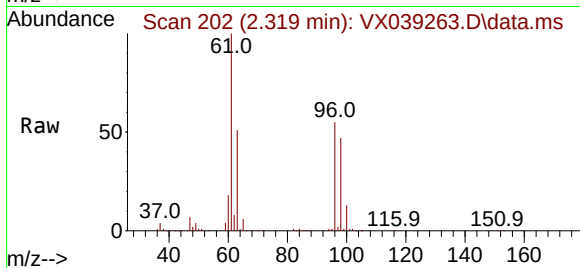
Tgt Ion: 96 Resp: 162739

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

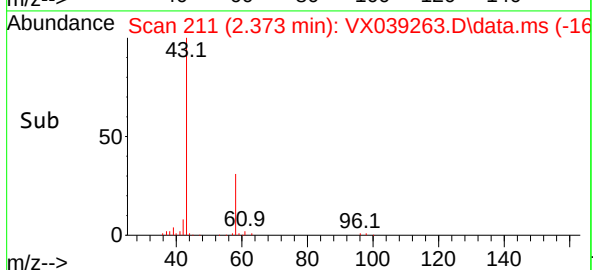
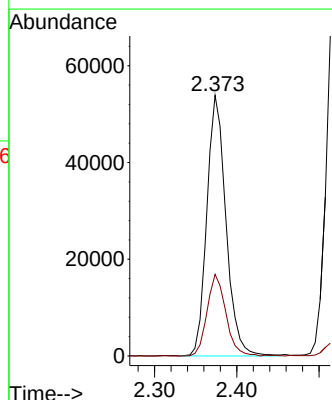
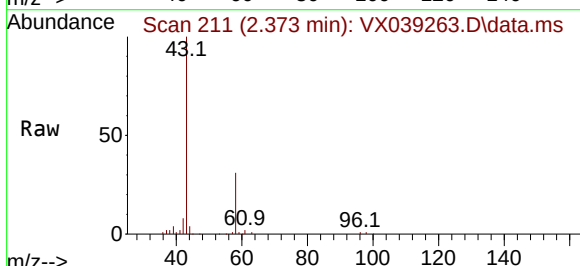
Acq: 16 Dec 2023 04:40

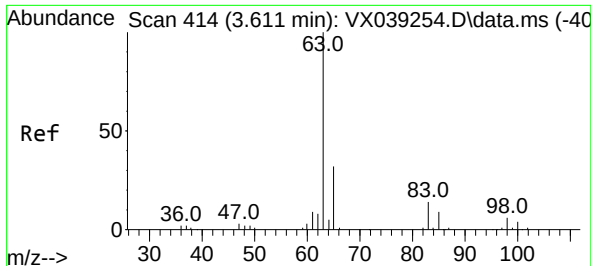
Tgt Ion: 43 Resp: 87145

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# 414

Delta R.T. 0.006 min

Lab File: VX039263.D

Acq: 16 Dec 2023 04:40

Instrument :

MSVOA_X

ClientSampleId :

YC4E4

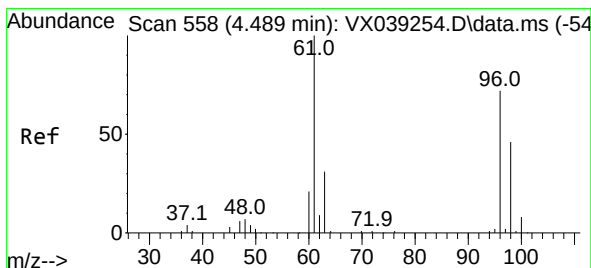
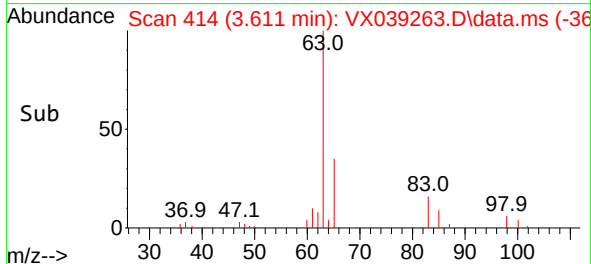
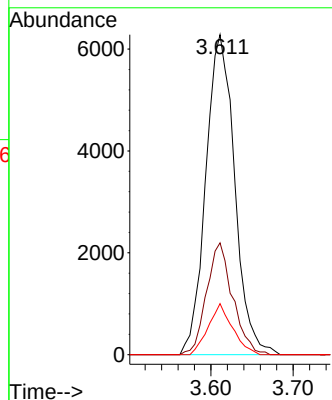
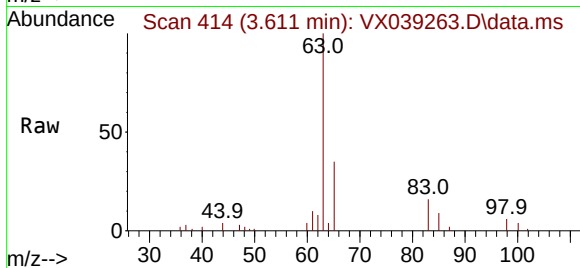
Tgt Ion: 63 Resp: 15331

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

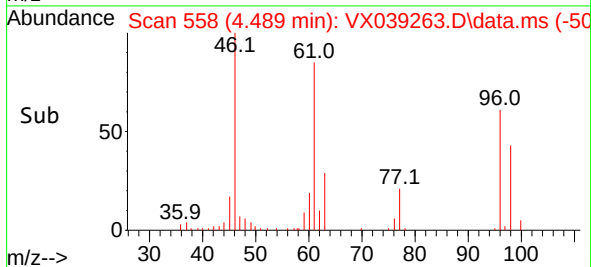
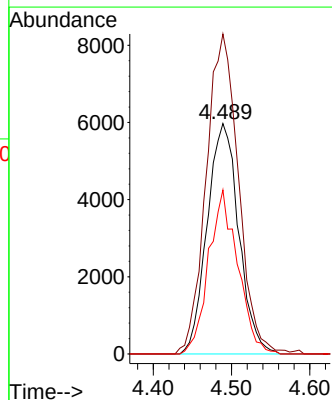
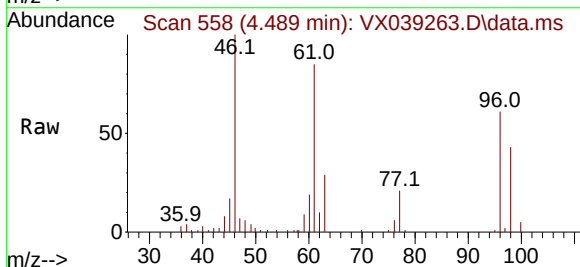
Tgt Ion: 96 Resp: 16724

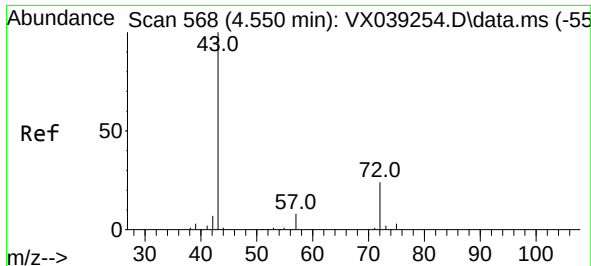
Ion Ratio Lower Upper

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 :

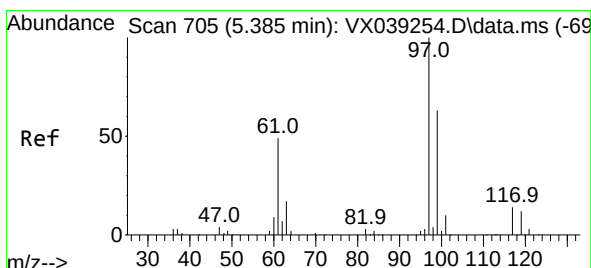
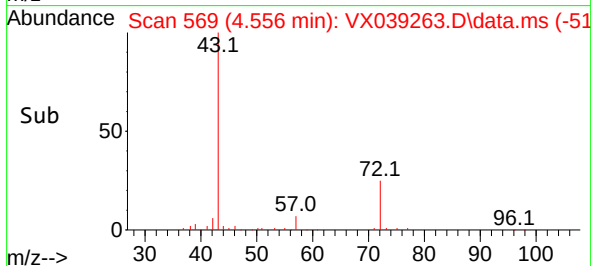
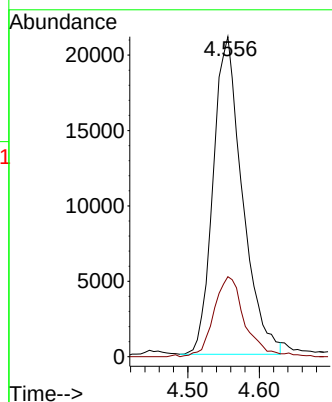
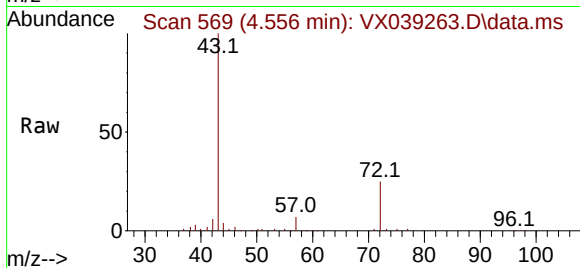
YC4E4

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

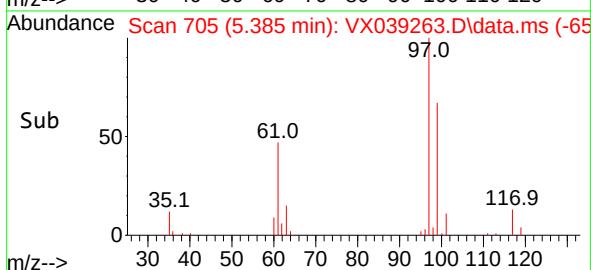
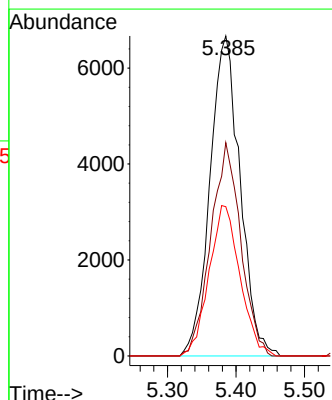
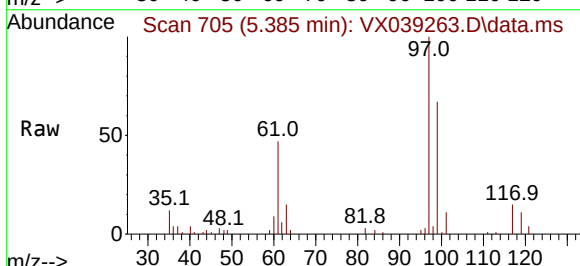
Tgt Ion: 97 Resp: 20357

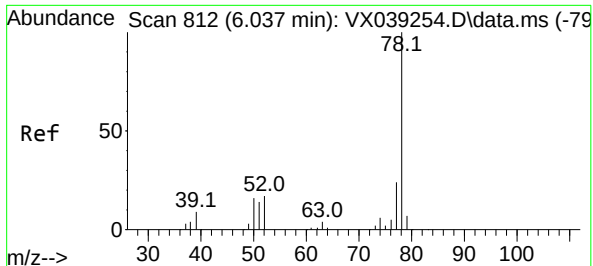
Ion Ratio Lower Upper

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

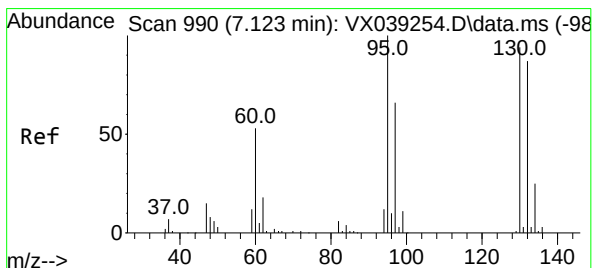
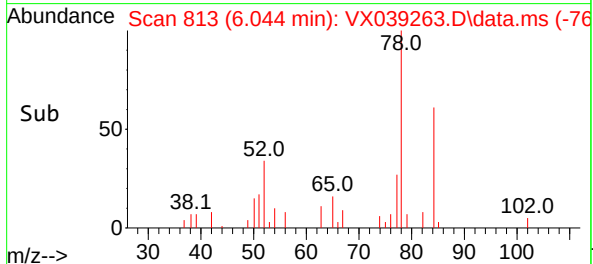
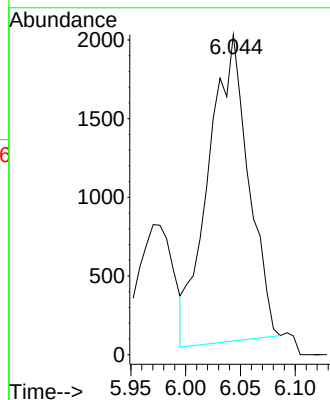
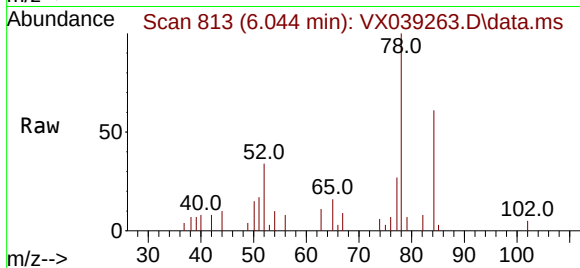
Instrument :

MSVOA_X

ClientSampleId :

YCHE4

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

