

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040649.D
 Acq On : 15 Mar 2024 13:21
 Operator : JC/MD
 Sample : P1753-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 YCKZ8

Quant Time: Mar 16 02:52:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

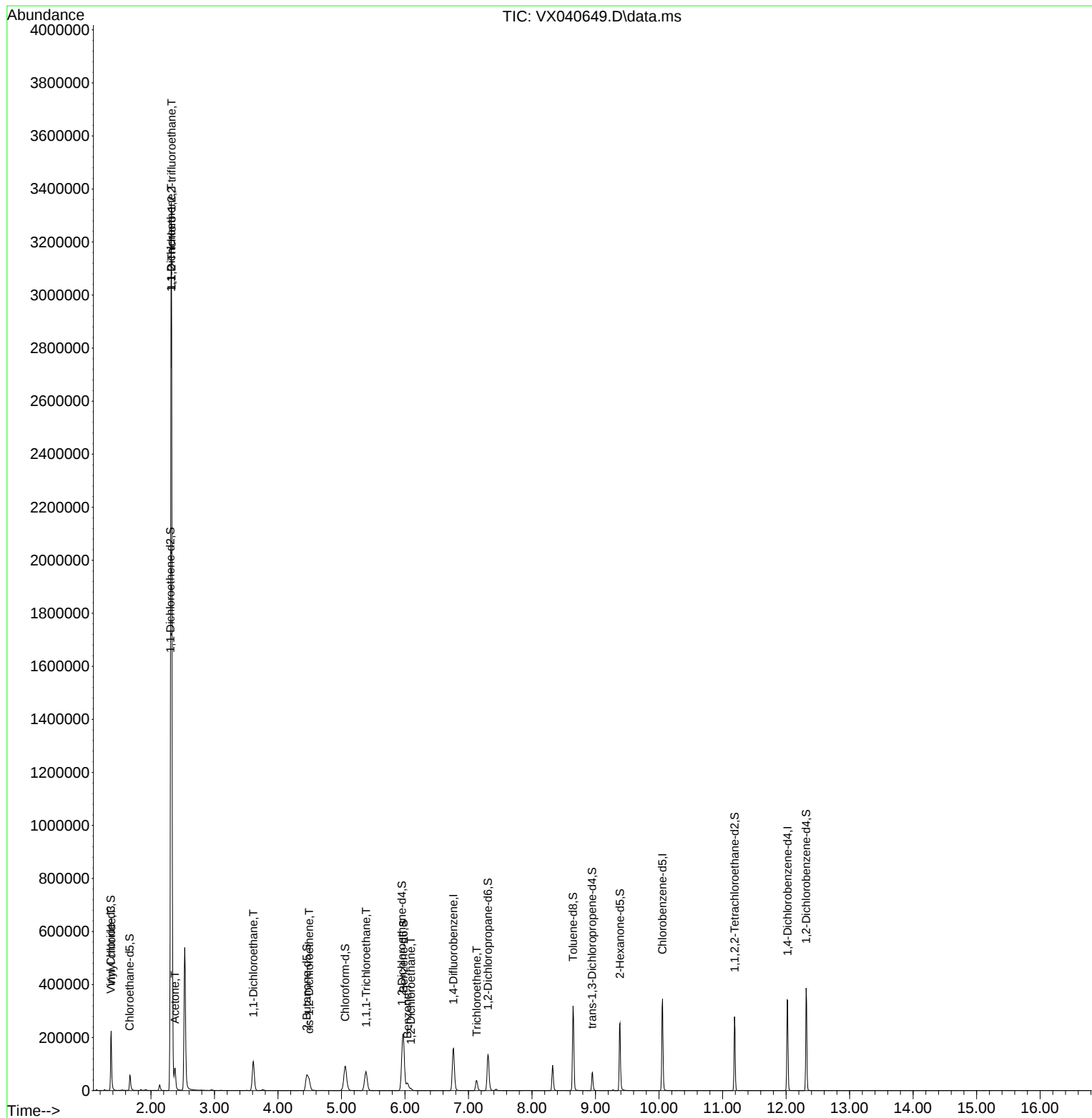
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	151636	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68332	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51227	38.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.080%
7) Chloroethane-d5	1.666	69	45836	43.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.380%
11) 1,1-Dichloroethene-d2	2.306	65	24158	39.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.960%
21) 2-Butanone-d5	4.452	46	95258	93.390	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.390%
24) Chloroform-d	5.056	84	115003	46.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
26) 1,2-Dichloroethane-d4	5.952	65	83428	45.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
32) Benzene-d6	5.976	84	195452	44.317	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.640%
36) 1,2-Dichloropropane-d6	7.305	67	63246	46.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.540%
41) Toluene-d8	8.647	98	174258	41.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.945	79	31760	43.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.320%
47) 2-Hexanone-d5	9.384	63	69779	92.521	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	97674	47.728	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	69785	48.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.520%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	104267	81.916	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	7786	7.411	ug/L #	74
12) 1,1-Dichloroethene	2.319	96	969505	1048.917	ug/L #	72
13) Acetone	2.380	43	84779	116.392	ug/L	98
19) 1,1-Dichloroethane	3.611	63	119334	64.725	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	19290	18.130	ug/L	93
27) 1,2-Dichloroethane	6.092	62	8590	4.698	ug/L #	87
30) 1,1,1-Trichloroethane	5.385	97	68963	38.518	ug/L	100
33) Benzene	6.037	78	33160	8.587	ug/L	100
34) Trichloroethene	7.129	95	14997	13.155	ug/L	88

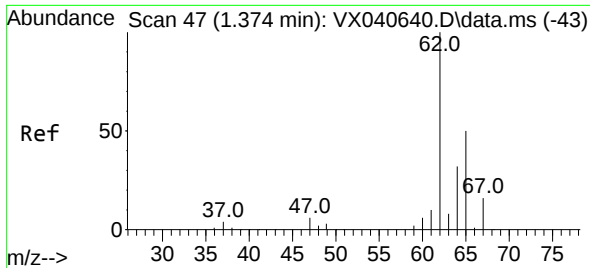
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 16 01:57:16 2024
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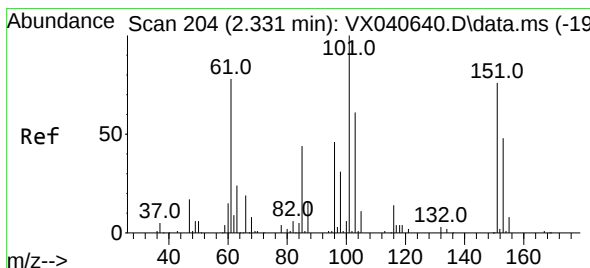
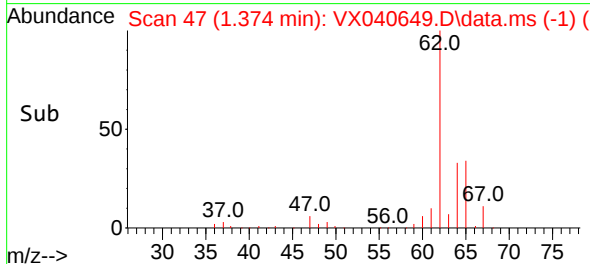
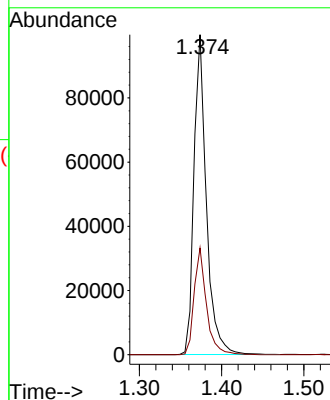
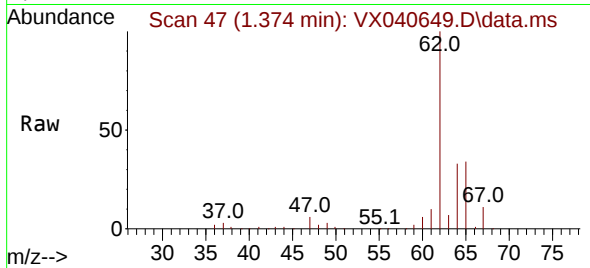




#5
 Vinyl chloride
 Concen: 81.916 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040649.D
 Acq: 15 Mar 2024 13:21

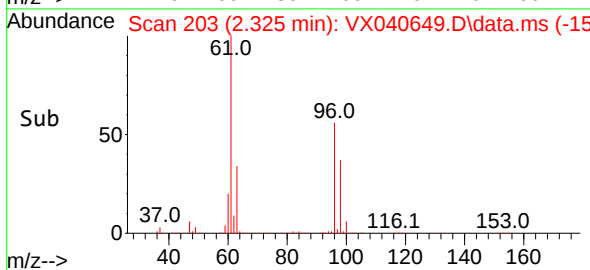
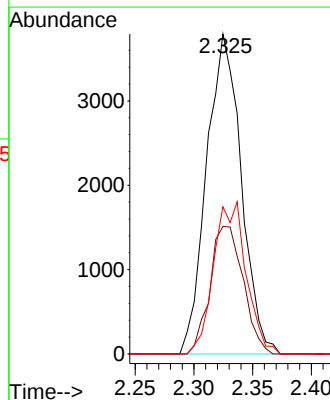
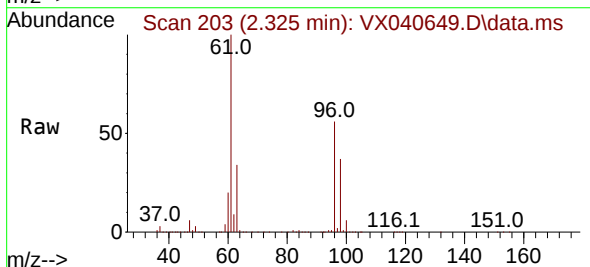
Instrument :
 MSVOA_X
 ClientSampleId :
 YCKZ8

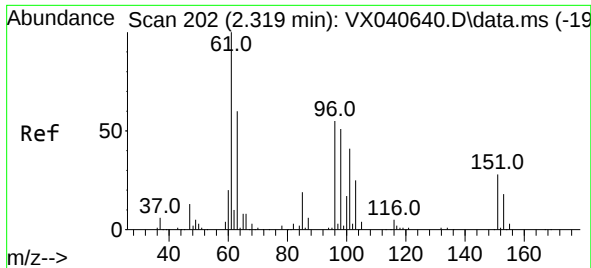
Tgt Ion: 62 Resp: 104267
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.411 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX040649.D
 Acq: 15 Mar 2024 13:21

Tgt Ion: 101 Resp: 7786
 Ion Ratio Lower Upper
 101 100
 85 38.1 38.3 57.5#
 151 44.6 57.7 86.5#

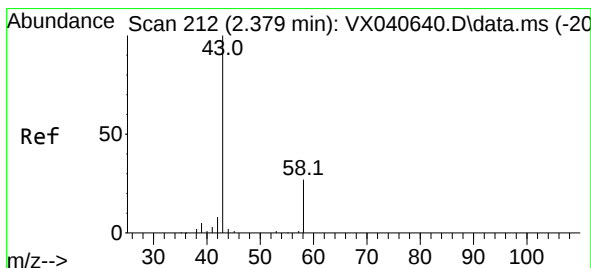
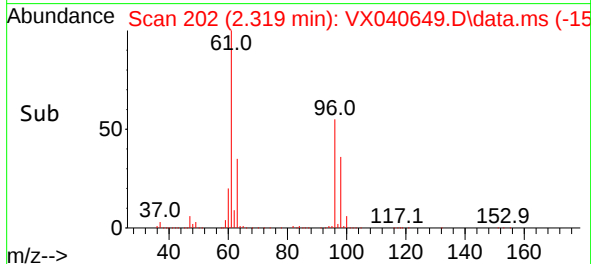
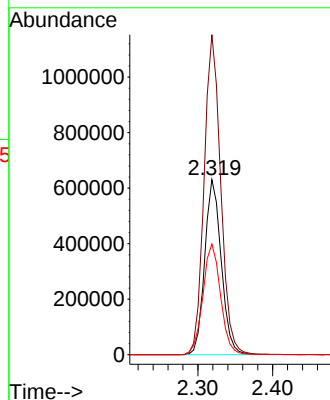
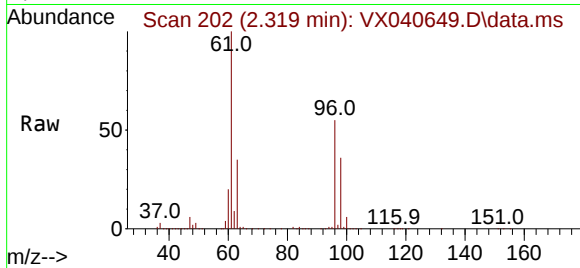




#12
1,1-Dichloroethene
Concen: 1048.917 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

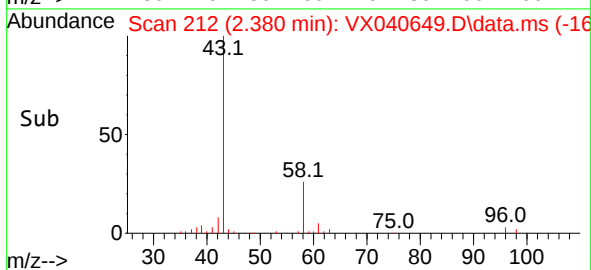
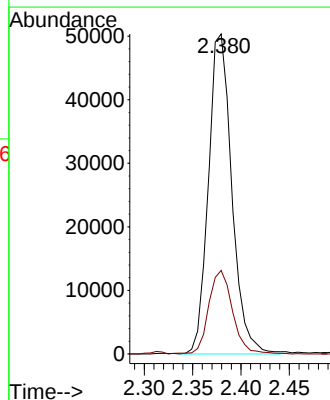
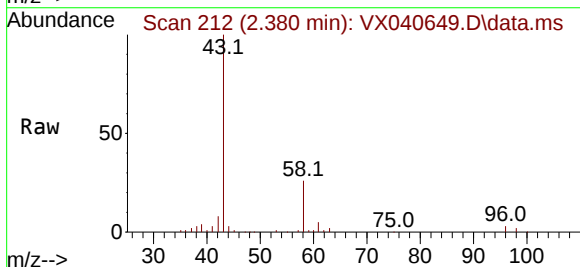
Instrument :
MSVOA_X
ClientSampleId :
YCKZ8

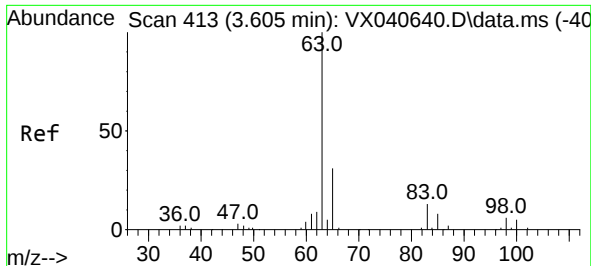
Tgt Ion: 96 Resp: 969505
Ion Ratio Lower Upper
96 100
61 182.9 134.8 250.4
63 63.3 92.5 171.9#



#13
Acetone
Concen: 116.392 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.001 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 43 Resp: 84779
Ion Ratio Lower Upper
43 100
58 26.3 0.0 54.6





#19

1,1-Dichloroethane

Concen: 64.725 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040649.D

Acq: 15 Mar 2024 13:21

Instrument :

MSVOA_X

ClientSampleId :

YCKZ8

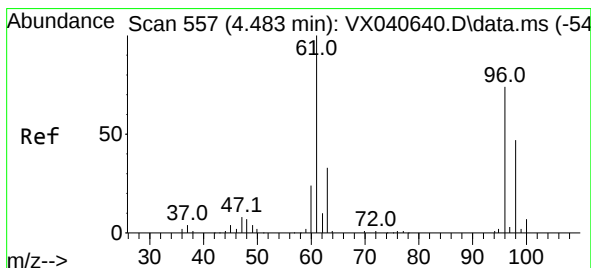
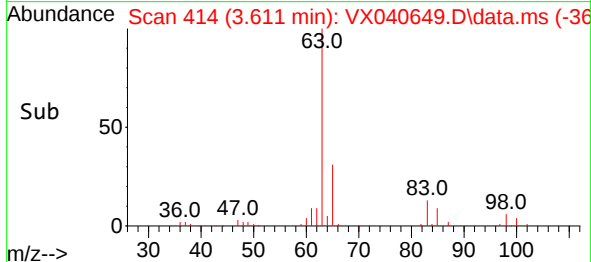
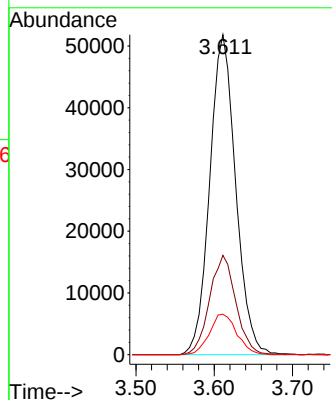
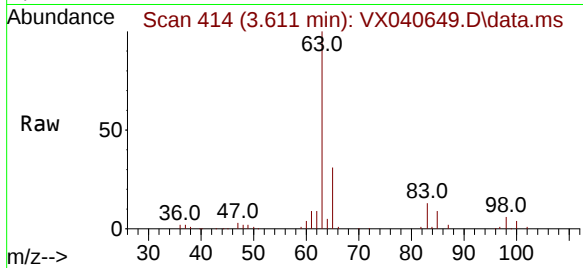
Tgt Ion: 63 Resp: 119334

Ion Ratio Lower Upper

63 100

65 31.1 23.1 42.9

83 12.7 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 18.130 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040649.D

Acq: 15 Mar 2024 13:21

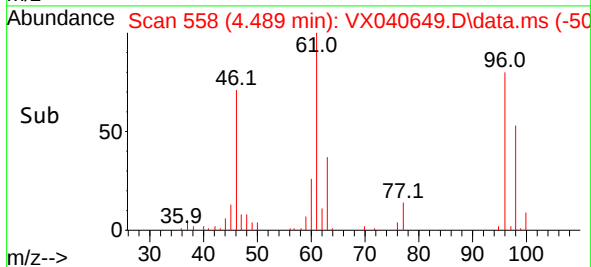
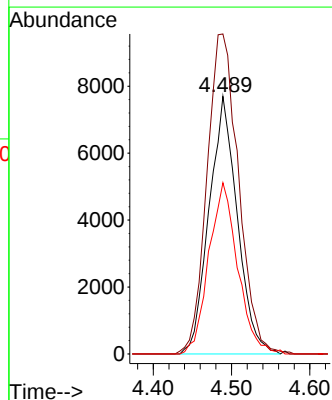
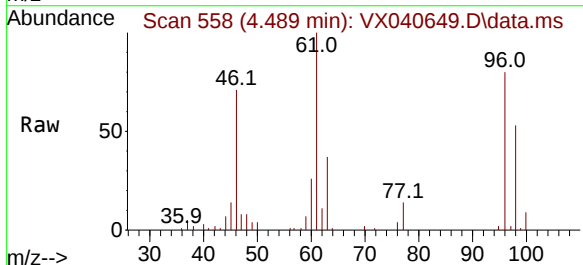
Tgt Ion: 96 Resp: 19290

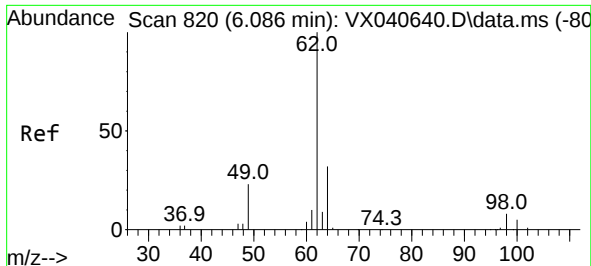
Ion Ratio Lower Upper

96 100

61 124.2 93.0 172.8

98 66.5 42.4 78.6

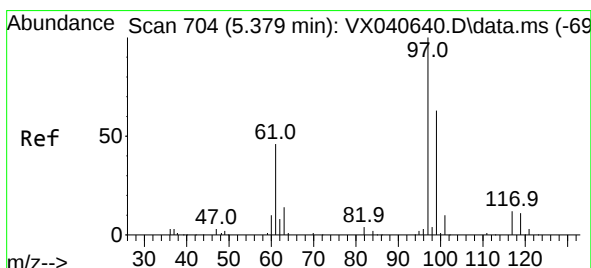
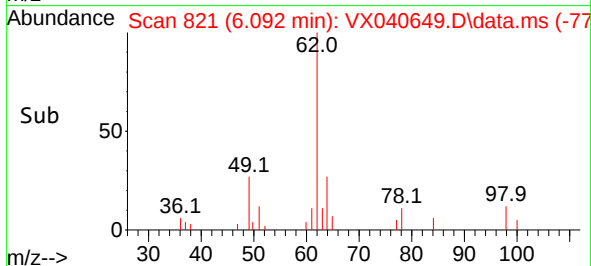
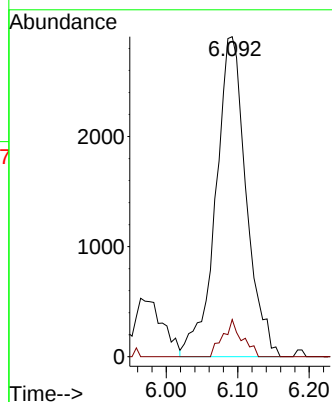
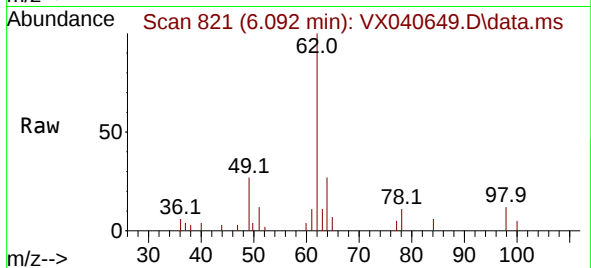




#27
1,2-Dichloroethane
Concen: 4.698 ug/L
RT: 6.092 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

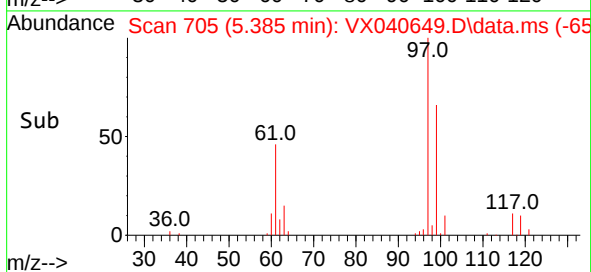
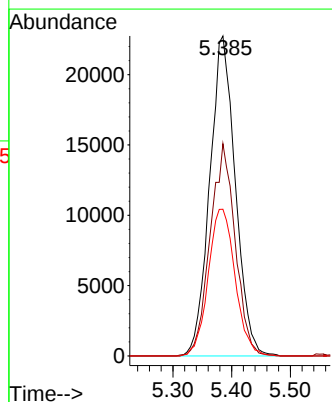
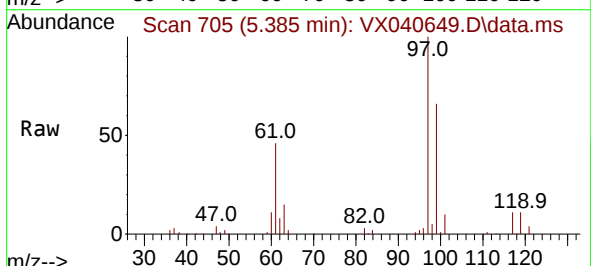
Instrument :
MSVOA_X
ClientSampleId :
YCKZ8

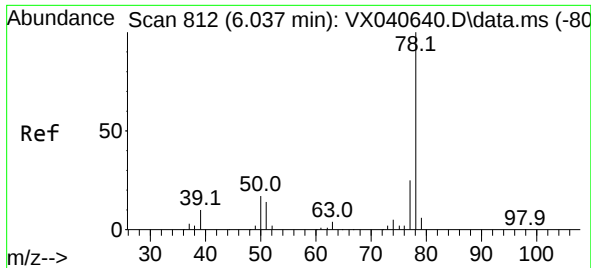
Tgt Ion: 62 Resp: 8590
Ion Ratio Lower Upper
62 100
98 11.6 5.8 8.6#



#30
1,1,1-Trichloroethane
Concen: 38.518 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040649.D
Acq: 15 Mar 2024 13:21

Tgt Ion: 97 Resp: 68963
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 48.1 38.3 57.5





#33

Benzene

Concen: 8.587 ug/L

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX040649.D

Acq: 15 Mar 2024 13:21

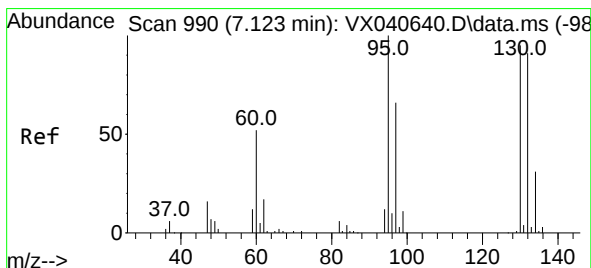
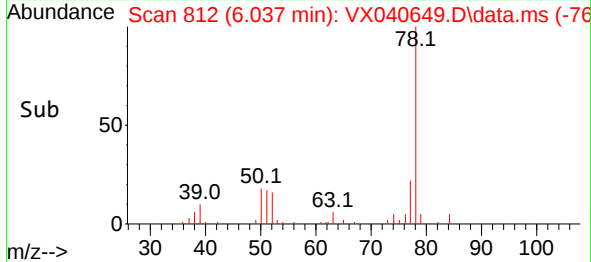
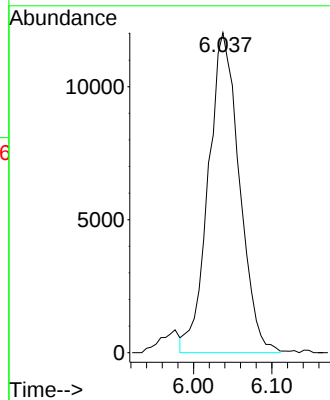
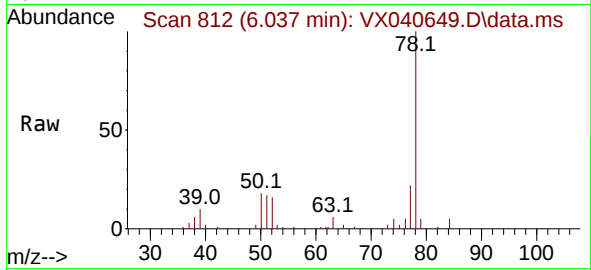
Instrument :

MSVOA_X

ClientSampleId :

YCKZ8

Tgt Ion: 78 Resp: 33160



#34

Trichloroethene

Concen: 13.155 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040649.D

Acq: 15 Mar 2024 13:21

Tgt Ion: 95 Resp: 14997

Ion Ratio Lower Upper

95 100

97 55.6 44.7 83.1

132 79.0 61.5 114.3

130 81.8 66.9 124.3

