

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
 Data File : VX042443.D
 Acq On : 22 Jul 2024 12:42
 Operator : JC/MD
 Sample : P3298-06
 Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 23 05:15:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	213921	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	113013	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41972	33.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.420%
7) Chloroethane-d5	1.648	69	25886	33.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.040%#
11) 1,1-Dichloroethene-d2	2.276	65	18918	34.715	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.440%
21) 2-Butanone-d5	4.495	46	70252	78.292	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.290%
24) Chloroform-d	5.056	84	98600	39.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.760%
26) 1,2-Dichloroethane-d4	5.952	65	62128	42.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.080%
32) Benzene-d6	5.964	84	208821	40.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.980%
36) 1,2-Dichloropropane-d6	7.312	67	63629	41.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.020%
41) Toluene-d8	8.653	98	195022	41.083	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.160%
43) trans-1,3-Dichloroprop...	8.958	79	26695	40.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.580%
47) 2-Hexanone-d5	9.397	63	56741	81.542	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.540%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	91078	40.187	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	87913	40.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.100%

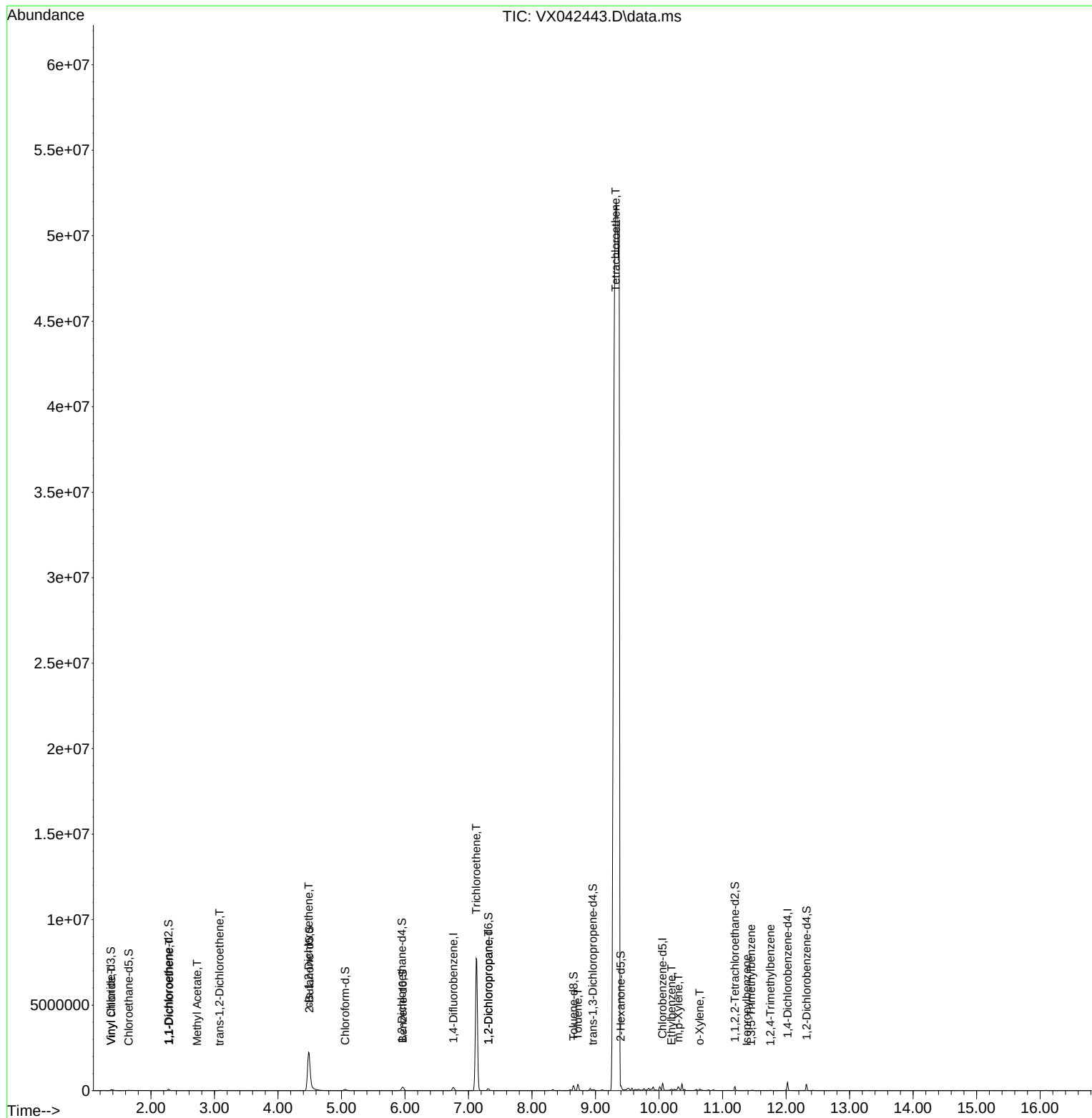
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	65466	43.044	ug/L	96
12) 1,1-Dichloroethene	2.288	96	3152	2.439	ug/L #	1
15) Methyl Acetate	2.727	43	1875	1.206	ug/L	95
17) trans-1,2-Dichloroethene	3.081	96	17170	12.920	ug/L	94
20) cis-1,2-Dichloroethene	4.483	96	1801072	1153.568	ug/L	99
34) Trichloroethene	7.123	95	3017700	2090.409	ug/L	95
37) 1,2-Dichloropropane	7.312	63	6594	4.663	ug/L #	84
42) Toluene	8.720	91	279528	47.535	ug/L	98
46) Tetrachloroethene	9.317	164	34257198	25352.288	ug/L	88
52) Ethylbenzene	10.195	91	20626	3.228	ug/L	94
53) m,p-Xylene	10.305	106	49748	19.341	ug/L	93
54) o-Xylene	10.640	106	16986	6.611	ug/L	97
60) Isopropylbenzene	11.384	105	12469	1.762	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	9649	1.793	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	10977	1.904	ug/L	97

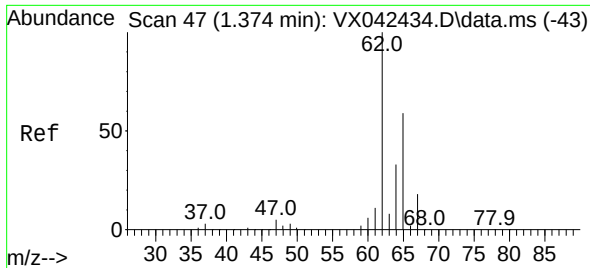
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072224\
Data File : VX042443.D
Acq On : 22 Jul 2024 12:42
Operator : JC/MD
Sample : P3298-06
Misc : 5.52g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

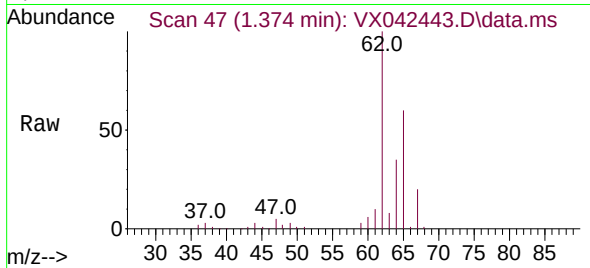
Quant Time: Jul 23 05:15:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 01:45:50 2024
Response via : Initial Calibration



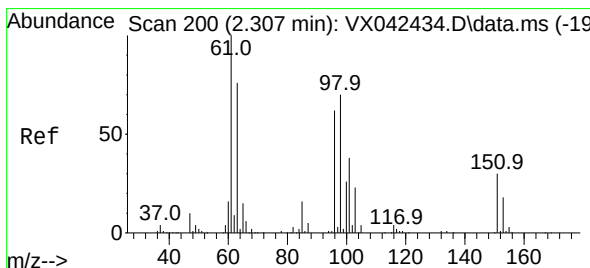
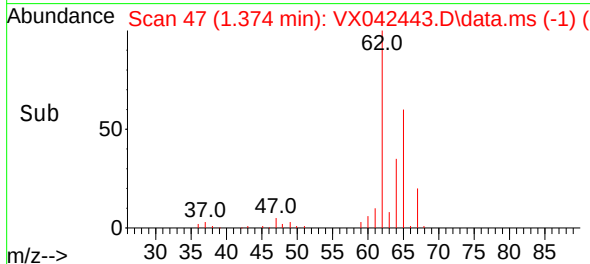
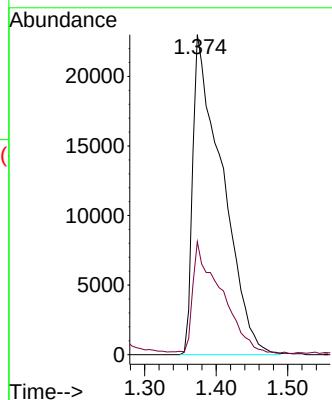


#5
 Vinyl chloride
 Concen: 43.044 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX042443.D
 Acq: 22 Jul 2024 12:42

Instrument :
 MSVOA_X
 ClientSampleId :

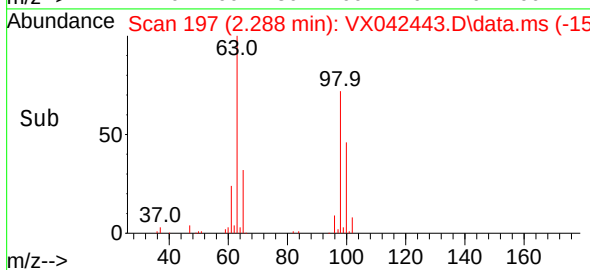
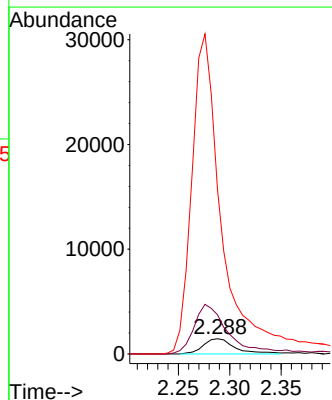
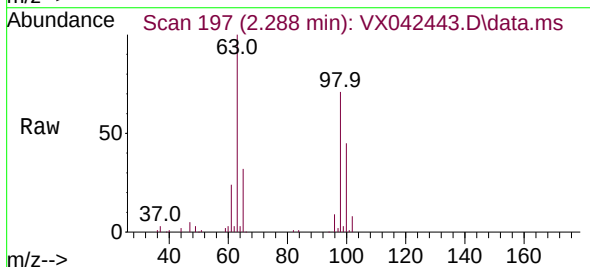


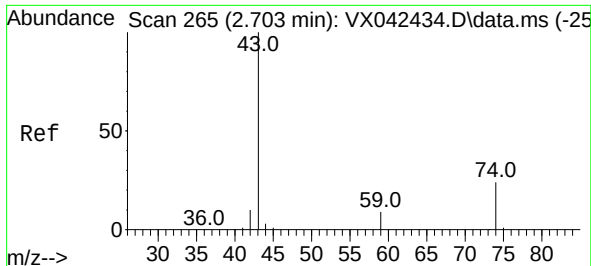
Tgt Ion: 62 Resp: 65466
 Ion Ratio Lower Upper
 62 100
 64 35.3 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 2.439 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.024 min
 Lab File: VX042443.D
 Acq: 22 Jul 2024 12:42

Tgt Ion: 96 Resp: 3152
 Ion Ratio Lower Upper
 96 100
 61 256.8 106.7 198.1#
 63 1079.4 89.2 165.6#





#15

Methyl Acetate

Concen: 1.206 ug/L

RT: 2.727 min Scan# 2

Delta R.T. 0.024 min

Lab File: VX042443.D

Acq: 22 Jul 2024 12:42

Instrument :

MSVOA_X

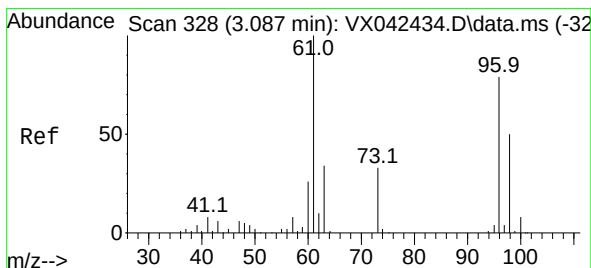
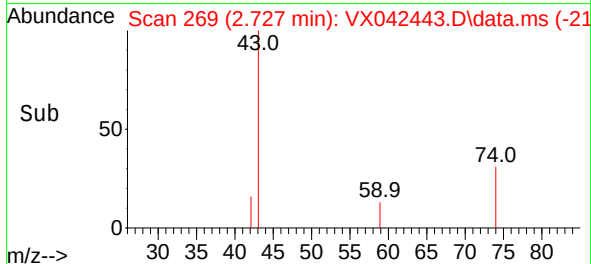
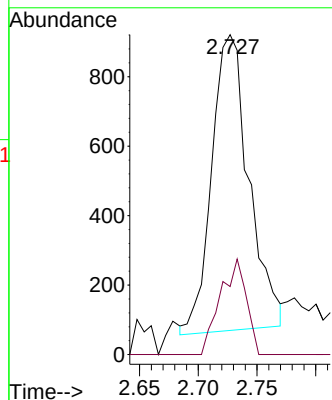
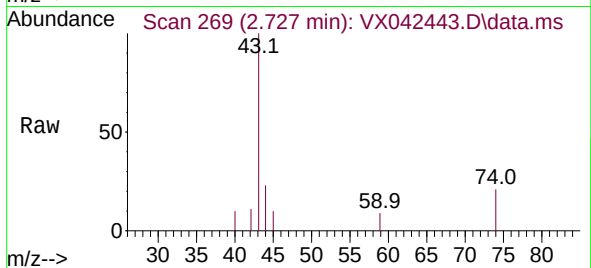
ClientSampleId :

Tgt Ion: 43 Resp: 1875

Ion Ratio Lower Upper

43 100

74 22.6 20.1 30.1



#17

trans-1,2-Dichloroethene

Concen: 12.920 ug/L

RT: 3.081 min Scan# 327

Delta R.T. -0.006 min

Lab File: VX042443.D

Acq: 22 Jul 2024 12:42

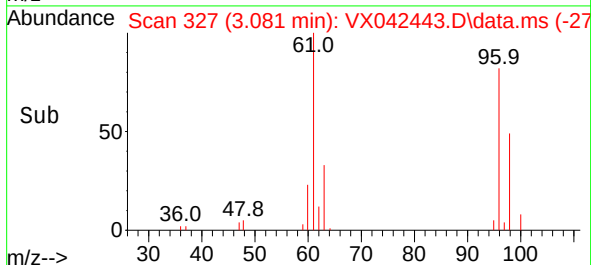
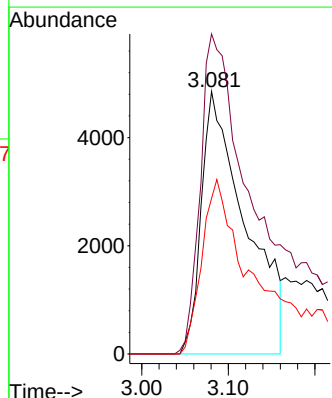
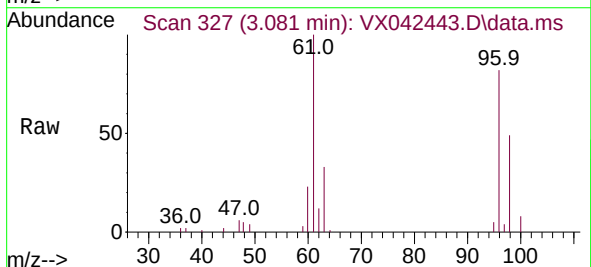
Tgt Ion: 96 Resp: 17170

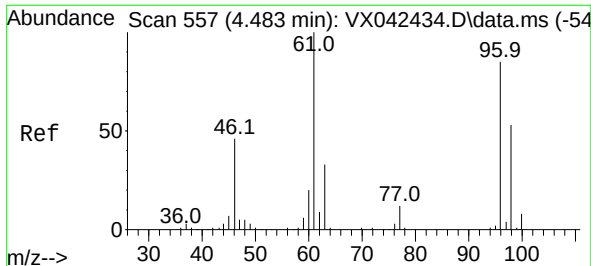
Ion Ratio Lower Upper

96 100

61 121.9 88.4 164.2

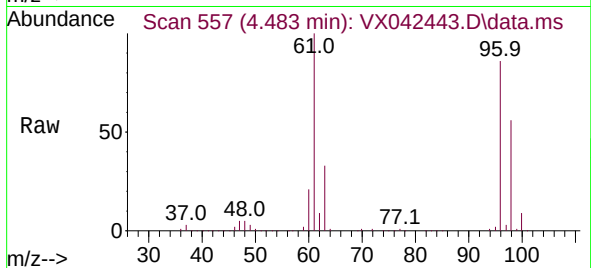
98 59.2 46.5 86.5





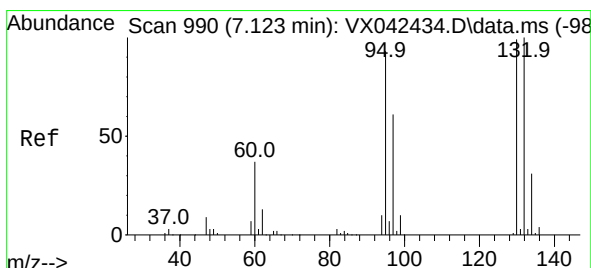
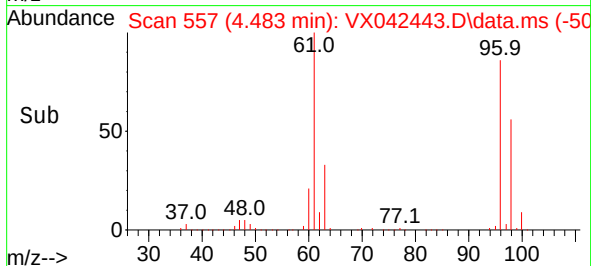
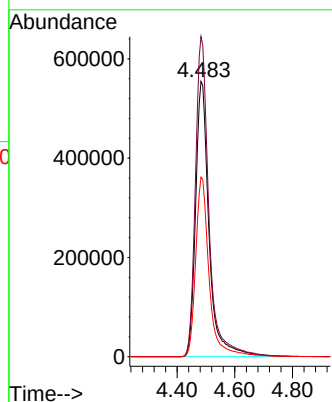
#20
cis-1,2-Dichloroethene
Concen: 1153.568 ug/L
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX042443.D
Acq: 22 Jul 2024 12:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 1801072

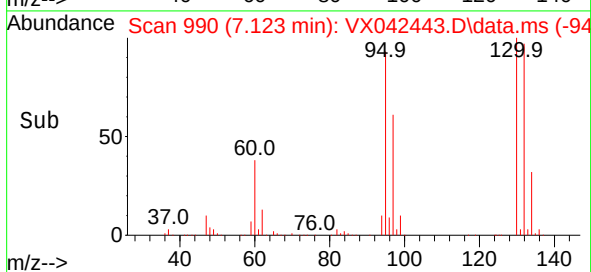
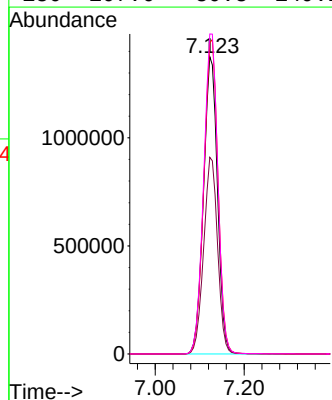
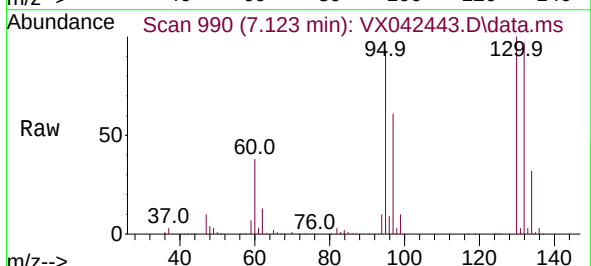
Ion	Ratio	Lower	Upper
96	100		
61	116.3	80.5	149.5
98	65.2	45.7	84.9

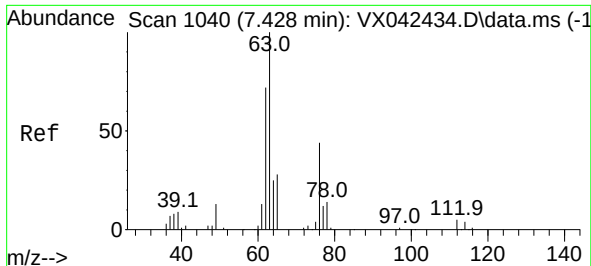


#34
Trichloroethene
Concen: 2090.409 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX042443.D
Acq: 22 Jul 2024 12:42

Tgt Ion: 95 Resp: 3017700

Ion	Ratio	Lower	Upper
95	100		
97	66.1	45.1	83.7
132	104.7	77.2	143.4
130	107.6	80.3	149.1





#37

1,2-Dichloropropane

Concen: 4.663 ug/L

RT: 7.312 min Scan# 1

Delta R.T. -0.116 min

Lab File: VX042443.D

Acq: 22 Jul 2024 12:42

Instrument :

MSVOA_X

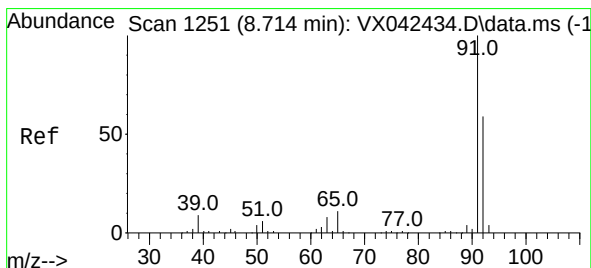
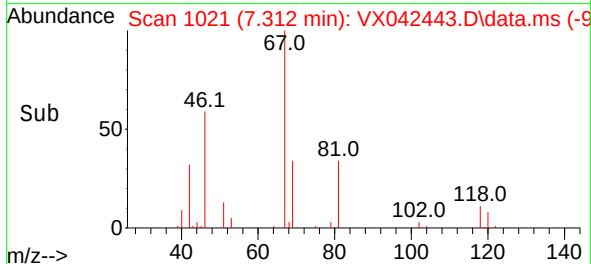
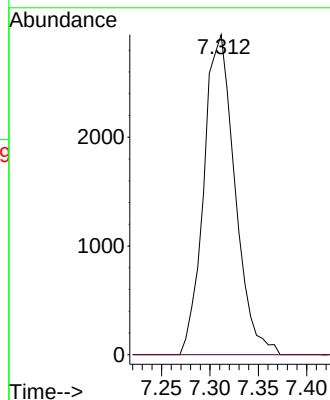
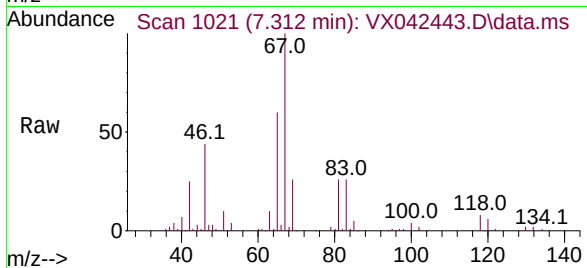
ClientSampleId :

Tgt Ion: 63 Resp: 6594

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#42

Toluene

Concen: 47.535 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX042443.D

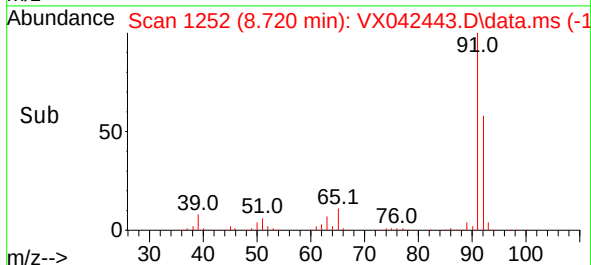
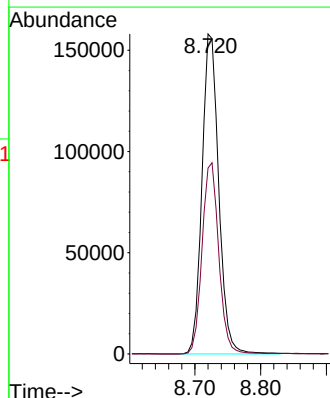
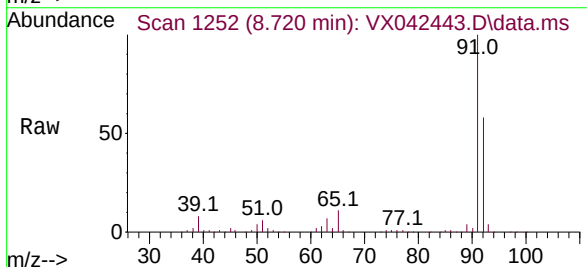
Acq: 22 Jul 2024 12:42

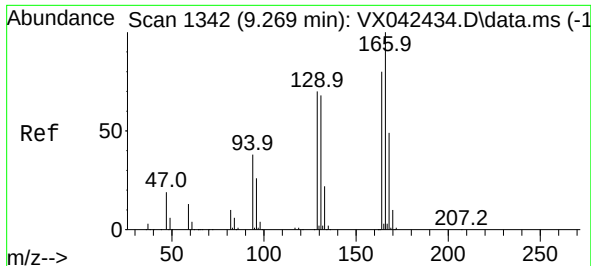
Tgt Ion: 91 Resp: 279528

Ion Ratio Lower Upper

91 100

92 58.1 41.6 77.3





#46

Tetrachloroethene

Concen: 25352.288 ug/L

RT: 9.317 min Scan# 14

Delta R.T. 0.049 min

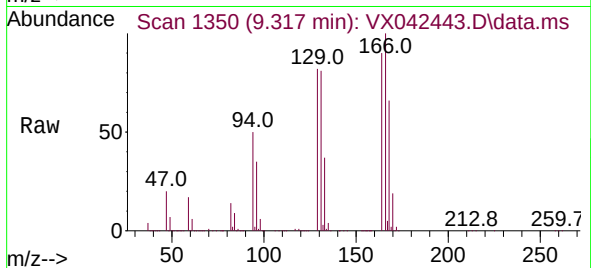
Lab File: VX042443.D

Acq: 22 Jul 2024 12:42

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:164 Resp:34257198

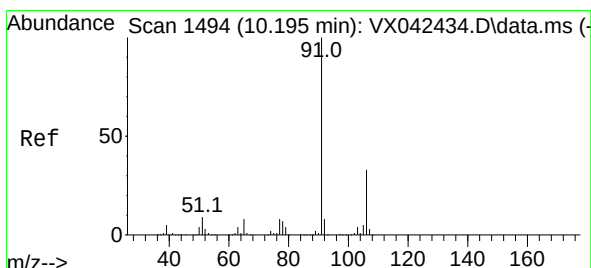
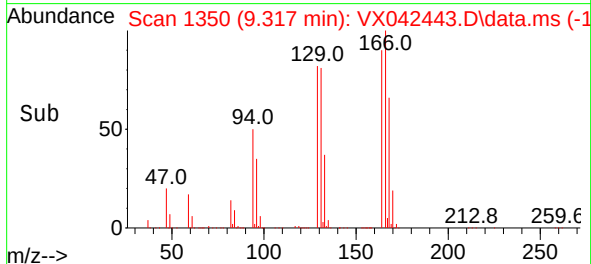
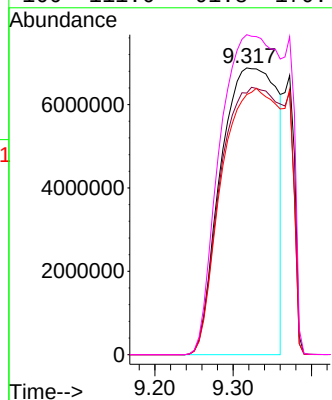
Ion Ratio Lower Upper

164 100

129 91.3 58.6 108.8

131 90.7 57.9 107.5

166 111.6 91.8 170.4



#52

Ethylbenzene

Concen: 3.228 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX042443.D

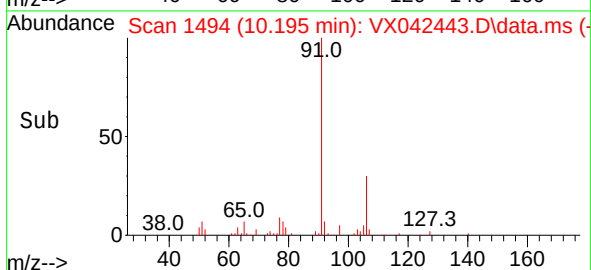
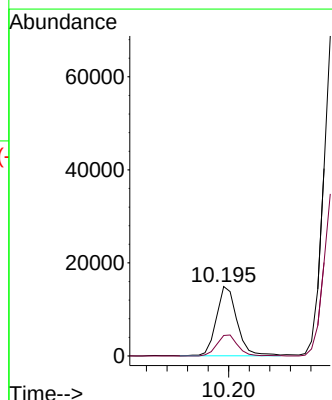
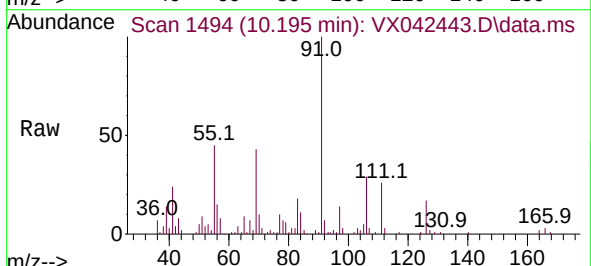
Acq: 22 Jul 2024 12:42

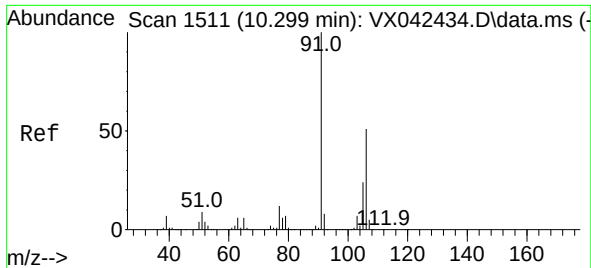
Tgt Ion: 91 Resp: 20626

Ion Ratio Lower Upper

91 100

106 29.4 23.1 42.9

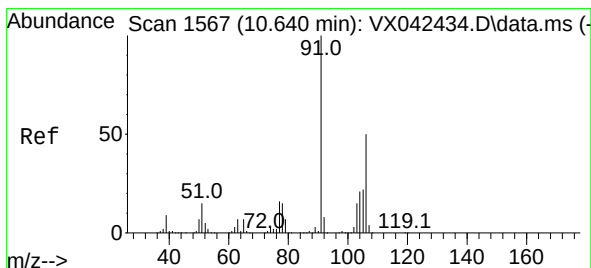
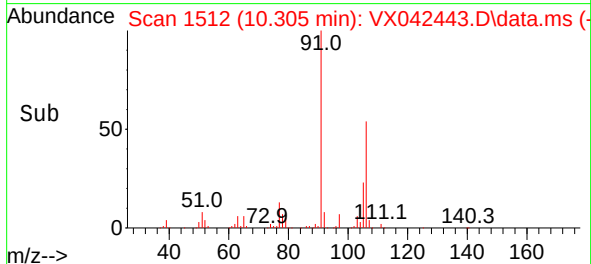
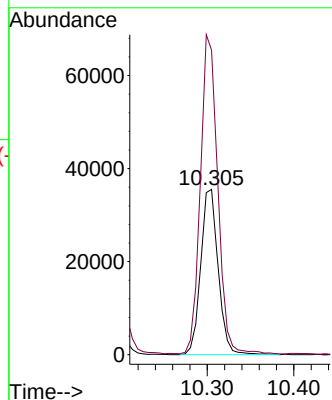
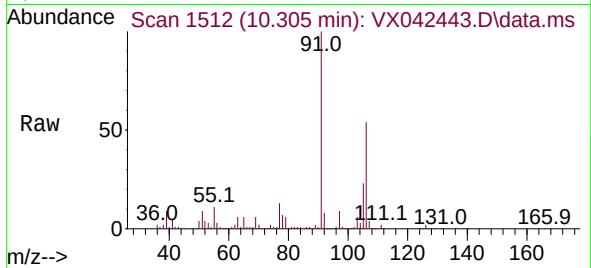




#53
m,p-Xylene
Concen: 19.341 ug/L
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX042443.D
Acq: 22 Jul 2024 12:42

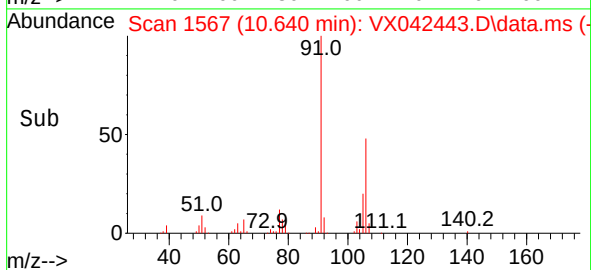
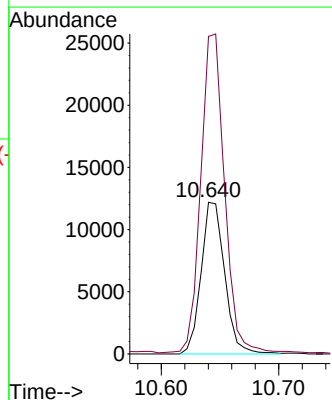
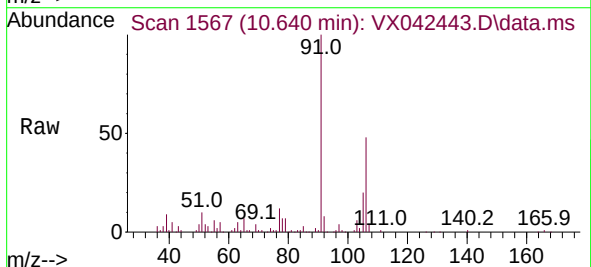
Instrument :
MSVOA_X
ClientSampleId :

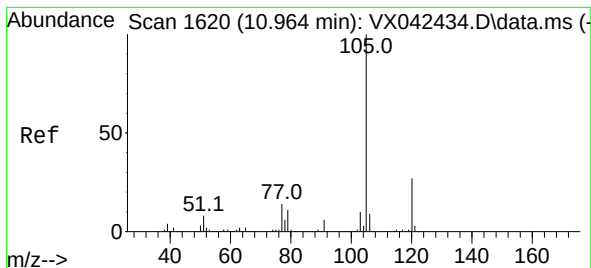
Tgt Ion:106 Resp: 49748
Ion Ratio Lower Upper
106 100
91 184.3 136.4 253.2



#54
o-Xylene
Concen: 6.611 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX042443.D
Acq: 22 Jul 2024 12:42

Tgt Ion:106 Resp: 16986
Ion Ratio Lower Upper
106 100
91 209.3 143.4 266.2





#60

Isopropylbenzene

Concen: 1.762 ug/L

RT: 11.384 min Scan# 1

Delta R.T. 0.421 min

Lab File: VX042443.D

Acq: 22 Jul 2024 12:42

Instrument :

MSVOA_X

ClientSampleId :

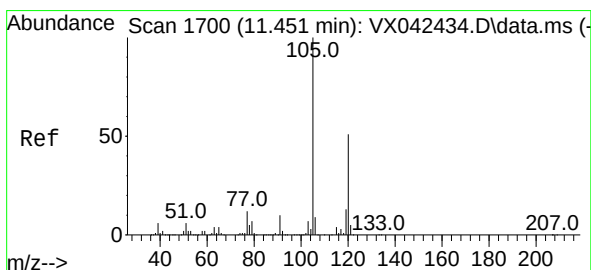
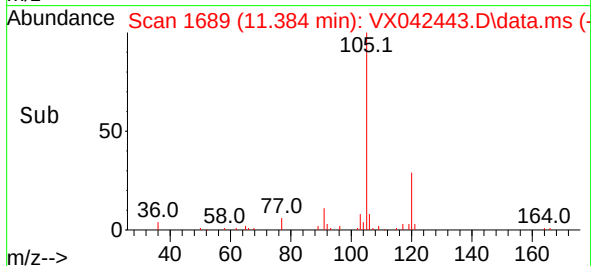
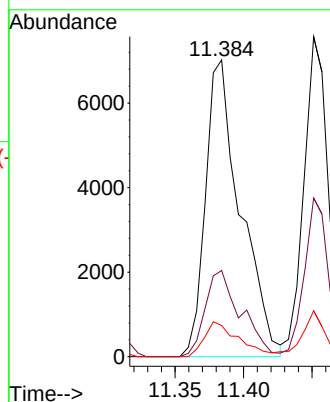
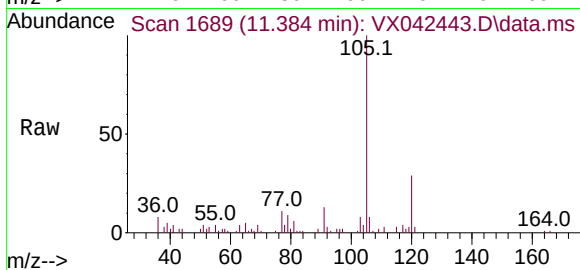
Tgt Ion:105 Resp: 12469

Ion Ratio Lower Upper

105 100

120 29.8 22.0 33.0

77 11.5 11.0 16.6



#62

1,3,5-Trimethylbenzene

Concen: 1.793 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX042443.D

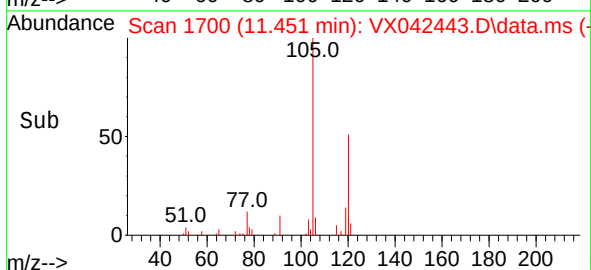
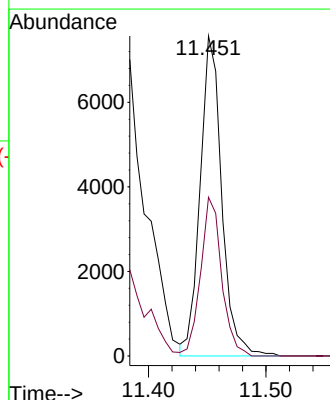
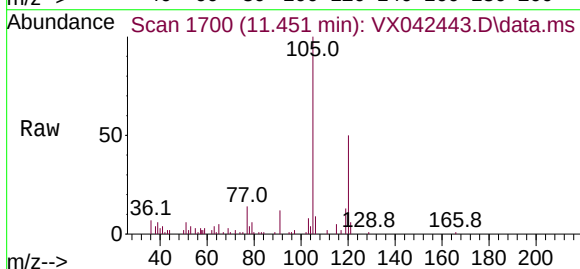
Acq: 22 Jul 2024 12:42

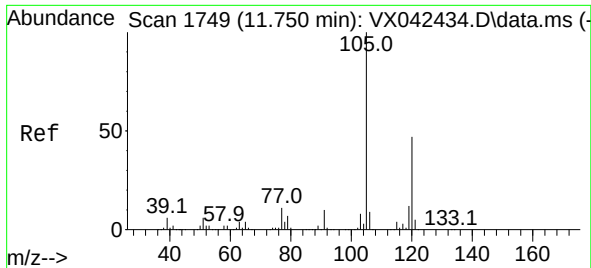
Tgt Ion:105 Resp: 9649

Ion Ratio Lower Upper

105 100

120 48.4 40.9 61.3





#63

1,2,4-Trimethylbenzene

Concen: 1.904 ug/L

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

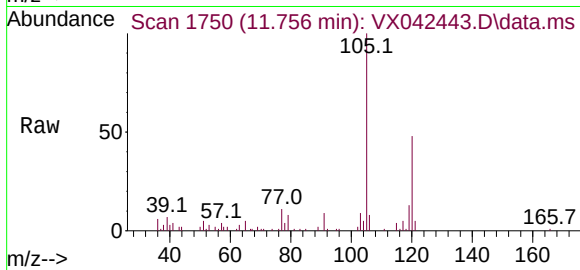
Lab File: VX042443.D

Acq: 22 Jul 2024 12:42

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:105 Resp: 10977

Ion Ratio Lower Upper

105 100

120 45.9 38.4 57.6

