

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042496.D
 Acq On : 24 Jul 2024 00:59
 Operator : JC/MD
 Sample : P3327-25
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:56:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

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

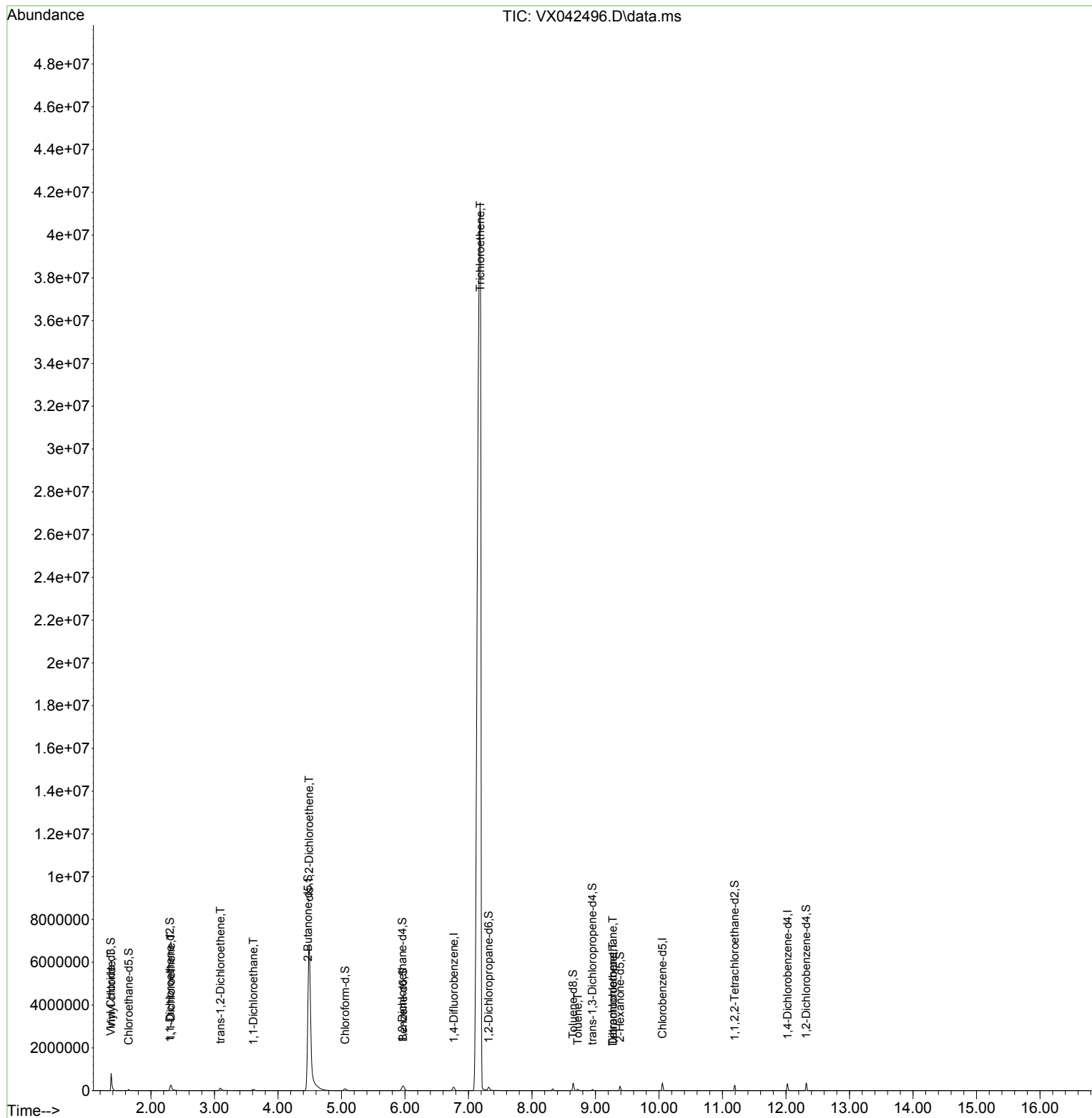
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	191538	50.000	ug/L	0.01
28) Chlorobenzene-d5	10.055	117	171145	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	54264	48.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.340%
7) Chloroethane-d5	1.648	69	34651	49.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.720%
11) 1,1-Dichloroethene-d2	2.300	65	23145	47.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.860%
21) 2-Butanone-d5	4.471	46	88934	110.694	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.690%
24) Chloroform-d	5.056	84	114336	51.006	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
26) 1,2-Dichloroethane-d4	5.958	65	72837	55.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.100%
32) Benzene-d6	5.971	84	234937	53.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.220%
36) 1,2-Dichloropropane-d6	7.318	67	71466	53.682	ug/L	0.01
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.360%
41) Toluene-d8	8.647	98	207627	50.365	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.740%
43) trans-1,3-Dichloroprop...	8.952	79	29955	52.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.120%
47) 2-Hexanone-d5	9.385	63	62295	103.088	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.090%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	101311	51.475	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	81556	54.192	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.380%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	552428	405.673	ug/L	99
12) 1,1-Dichloroethene	2.313	96	107717	93.107	ug/L	85
17) trans-1,2-Dichloroethene	3.093	96	65189	54.784	ug/L	97
19) 1,1-Dichloroethane	3.611	63	81647	38.210	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	5575147	3988.107	ug/L	98
34) Trichloroethene	7.184	95	26185960	20887.928	ug/L	93
42) Toluene	8.720	91	42311	8.285	ug/L	99
46) Tetrachloroethene	9.275	164	2300	1.960	ug/L	94
49) Dibromochloromethane	9.275	129	1716	1.282	ug/L #	11

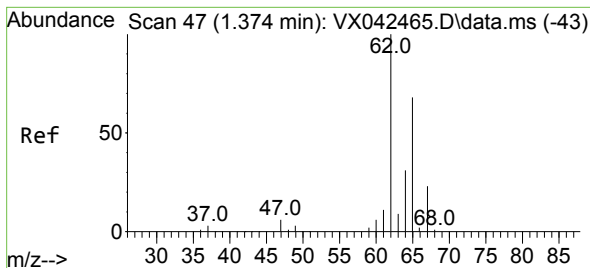
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 24 03:44:32 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 405.673 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX042496.D

Acq: 24 Jul 2024 00:59

Instrument :

MSVOA_X

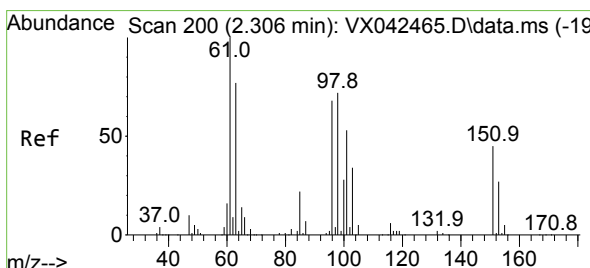
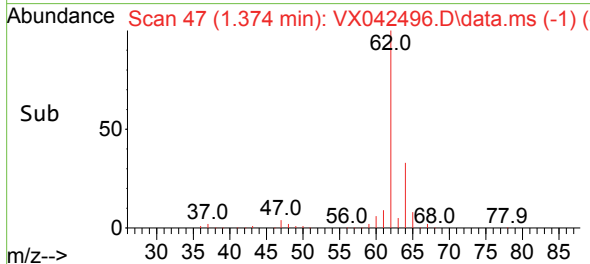
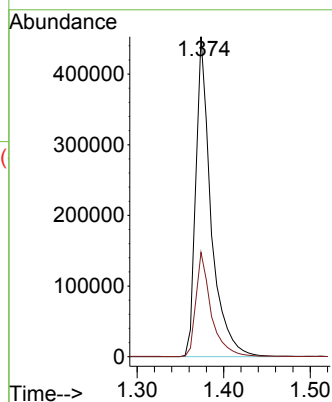
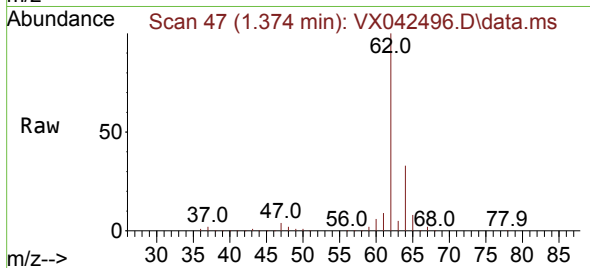
ClientSampleId :

Tgt Ion: 62 Resp: 552428

Ion Ratio Lower Upper

62 100

64 32.6 23.2 43.0



#12

1,1-Dichloroethene

Concen: 93.107 ug/L

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX042496.D

Acq: 24 Jul 2024 00:59

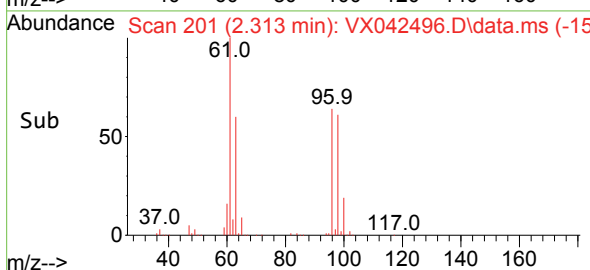
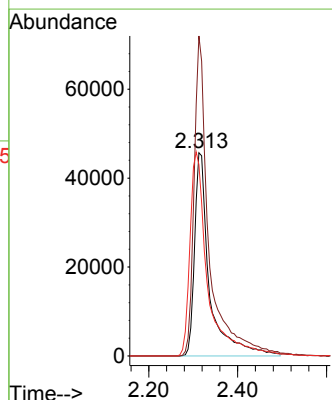
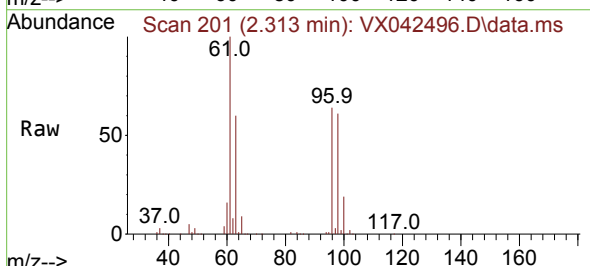
Tgt Ion: 96 Resp: 107717

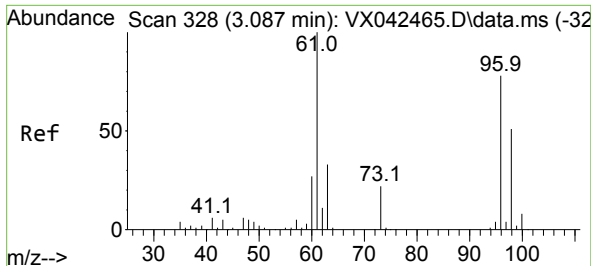
Ion Ratio Lower Upper

96 100

61 157.4 106.7 198.1

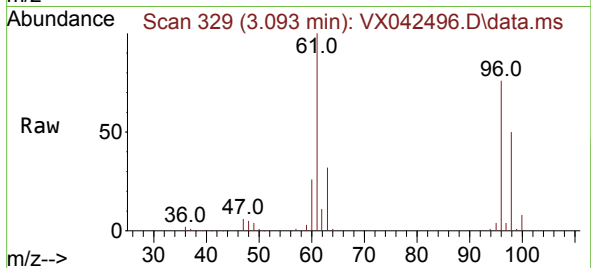
63 94.0 89.2 165.6



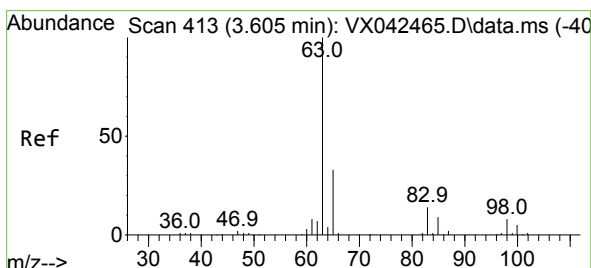
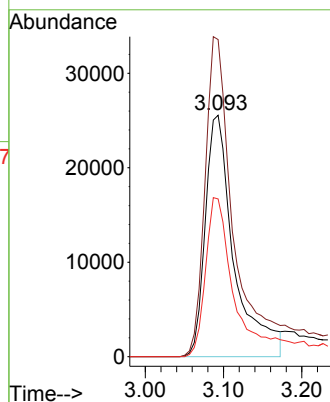
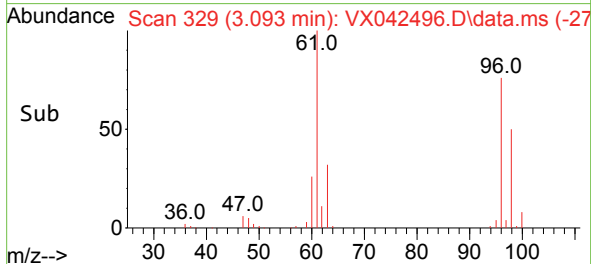


#17
trans-1,2-Dichloroethene
Concen: 54.784 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042496.D
Acq: 24 Jul 2024 00:59

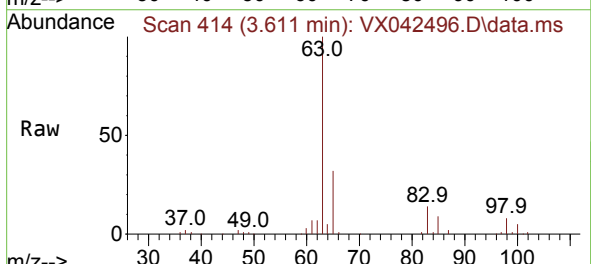
Instrument :
MSVOA_X
ClientSampleId :



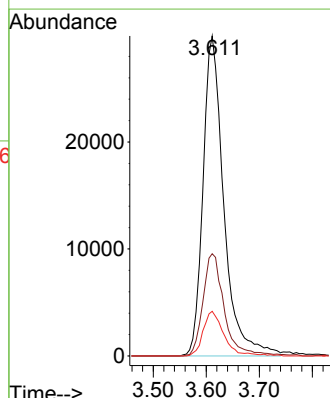
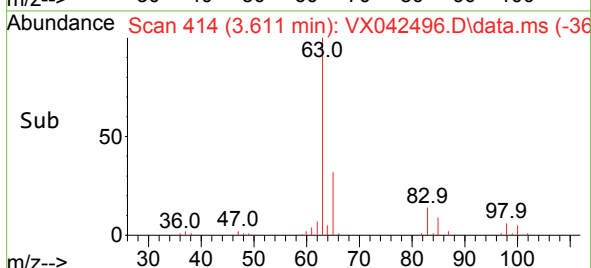
Tgt Ion: 96 Resp: 65189
Ion Ratio Lower Upper
96 100
61 131.3 88.4 164.2
98 65.4 46.5 86.5

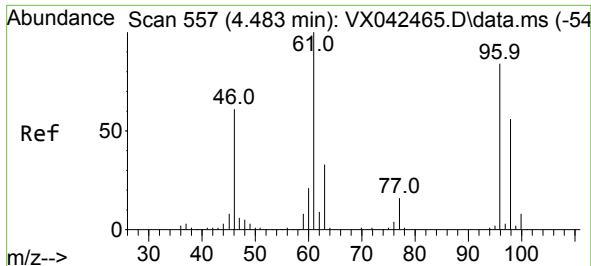


#19
1,1-Dichloroethane
Concen: 38.210 ug/L
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX042496.D
Acq: 24 Jul 2024 00:59



Tgt Ion: 63 Resp: 81647
Ion Ratio Lower Upper
63 100
65 31.9 22.2 41.2
83 13.9 9.8 18.2

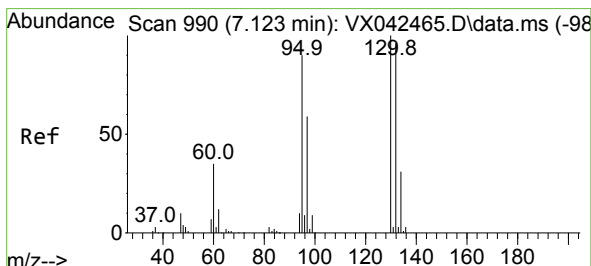
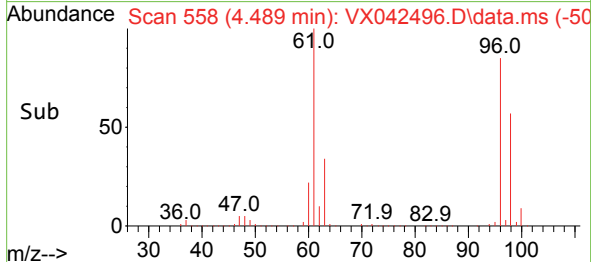
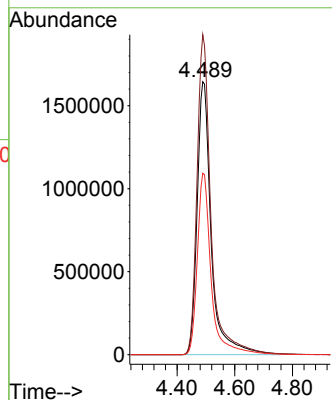
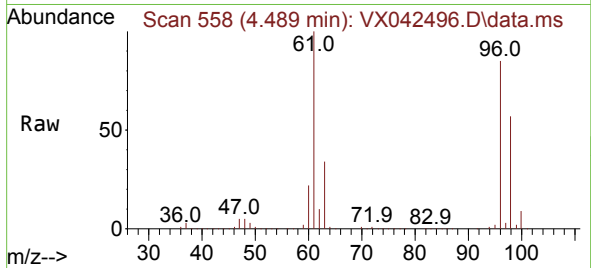




#20
cis-1,2-Dichloroethene
Concen: 3988.107 ug/L
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042496.D
Acq: 24 Jul 2024 00:59

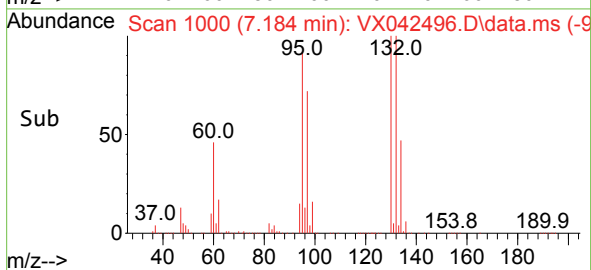
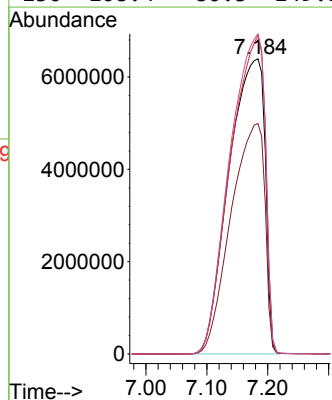
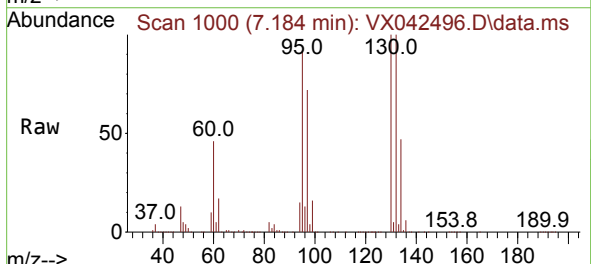
Instrument :
MSVOA_X
ClientSampleId :

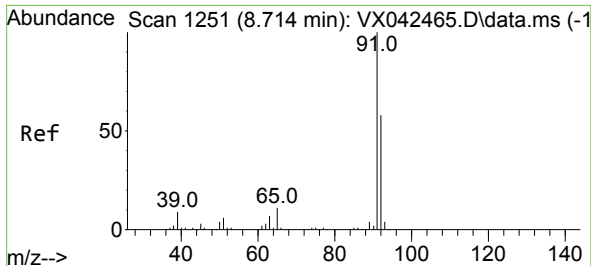
Tgt Ion: 96 Resp: 5575147
Ion Ratio Lower Upper
96 100
61 117.3 80.5 149.5
98 66.5 45.7 84.9



#34
Trichloroethene
Concen: 20887.928 ug/L
RT: 7.184 min Scan# 1000
Delta R.T. 0.061 min
Lab File: VX042496.D
Acq: 24 Jul 2024 00:59

Tgt Ion: 95 Resp: 26185960
Ion Ratio Lower Upper
95 100
97 78.1 45.1 83.7
132 108.0 77.2 143.4
130 108.4 80.3 149.1





#42

Toluene

Concen: 8.285 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042496.D

Acq: 24 Jul 2024 00:59

Instrument :

MSVOA_X

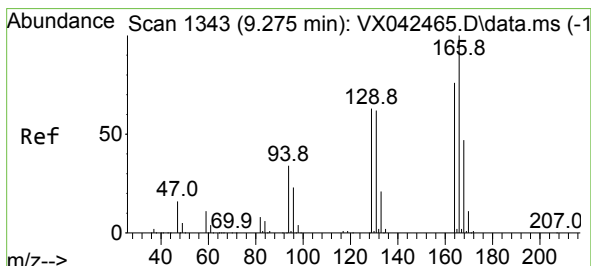
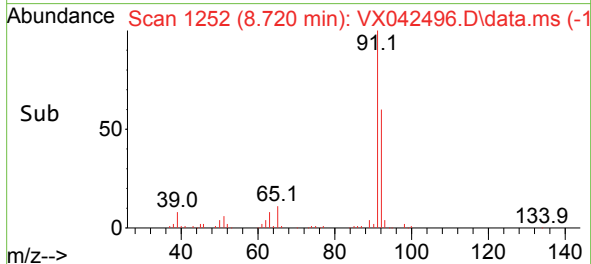
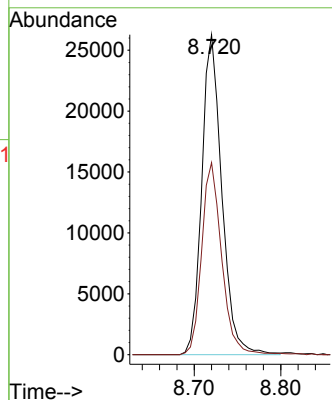
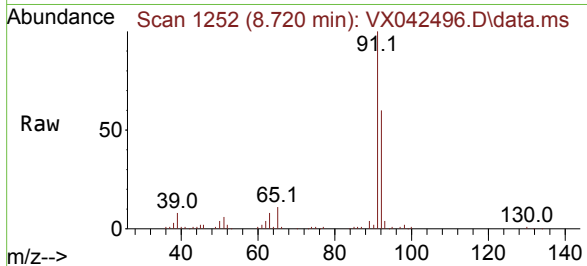
ClientSampleId :

Tgt Ion: 91 Resp: 42311

Ion Ratio Lower Upper

91 100

92 60.0 41.6 77.3



#46

Tetrachloroethene

Concen: 1.960 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX042496.D

Acq: 24 Jul 2024 00:59

Tgt Ion:164 Resp: 2300

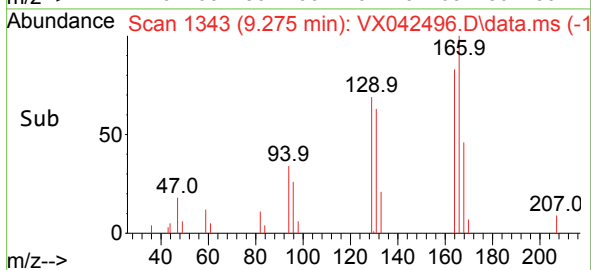
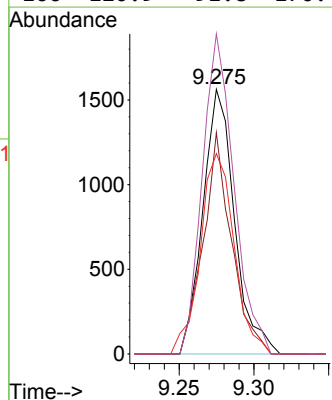
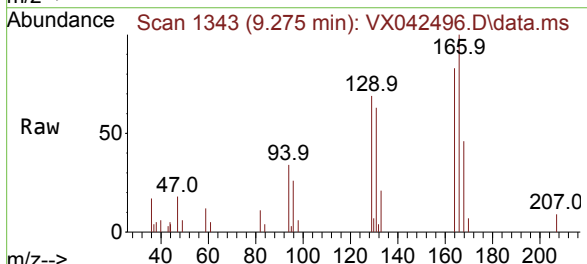
Ion Ratio Lower Upper

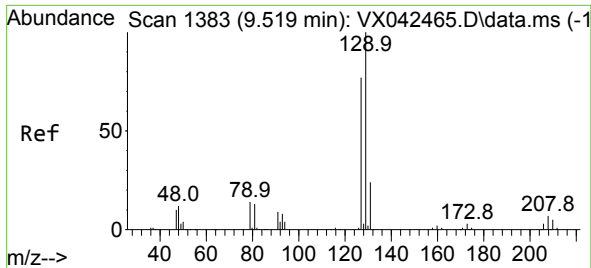
164 100

129 83.6 58.6 108.8

131 75.7 57.9 107.5

166 120.9 91.8 170.4





#49

Dibromochloromethane

Concen: 1.282 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.244 min

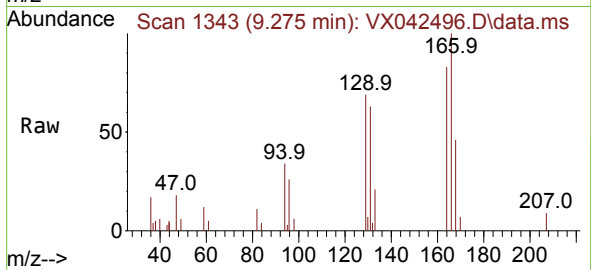
Lab File: VX042496.D

Acq: 24 Jul 2024 00:59

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:129 Resp: 1716

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#

