

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035132.D
 Acq On : 18 Apr 2023 18:47
 Operator : JC/MD
 Sample : 02378-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK1

Quant Time: Apr 19 00:56:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 19 00:53:18 2023
 Response via : Initial Calibration

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

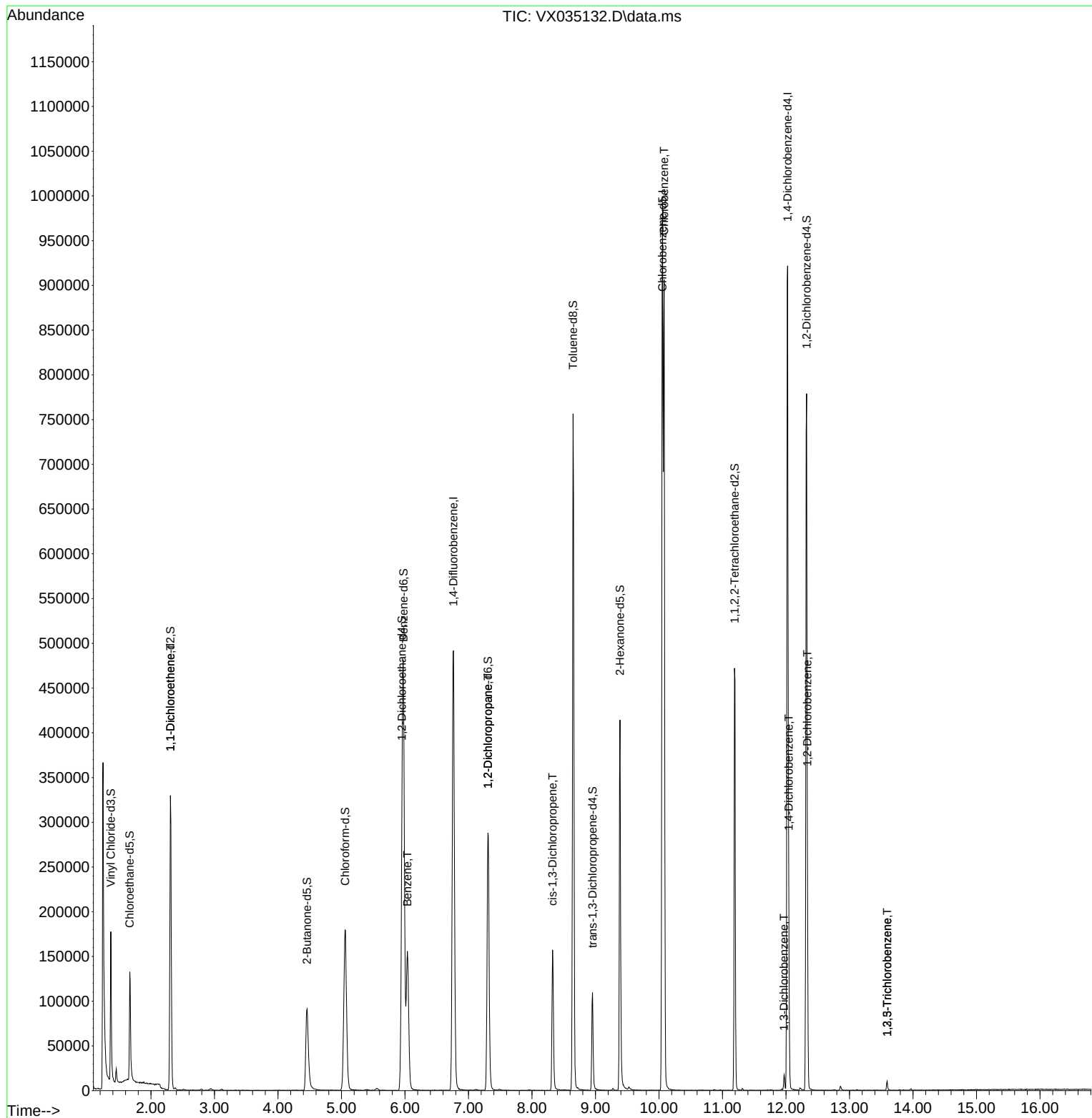
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	516334	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	440828	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	196764	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	115015	34.546	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.100%
7) Chloroethane-d5	1.666	69	91480	38.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.060%
11) 1,1-Dichloroethene-d2	2.307	65	57729	36.239	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.480%
21) 2-Butanone-d5	4.459	46	167967	75.707	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.710%
24) Chloroform-d	5.056	84	226921	36.193	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.380%
26) 1,2-Dichloroethane-d4	5.952	65	151526	37.634	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.260%
32) Benzene-d6	5.977	84	492802	38.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.840%
36) 1,2-Dichloropropane-d6	7.306	67	150542	38.918	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.840%
41) Toluene-d8	8.647	98	437590	37.810	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.620%#
43) trans-1,3-Dichloroprop...	8.952	79	51374	30.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.780%
47) 2-Hexanone-d5	9.385	63	117739	75.796	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.800%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	182342	38.491	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	76.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	150155	39.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.760%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	1516	0.491	ug/L #	1
33) Benzene	6.038	78	187349	14.034	ug/L	100
37) 1,2-Dichloropropane	7.306	63	16756	4.767	ug/L #	86
39) cis-1,3-Dichloropropene	8.324	75	3548	0.675	ug/L #	48
51) Chlorobenzene	10.080	112	383104	41.984	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	5460	0.895	ug/L	89
65) 1,4-Dichlorobenzene	12.043	146	62169	9.957	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	59209	9.570	ug/L	99
69) 1,3,5-Trichlorobenzene	13.591	180	2553	0.677	ug/L	95
72) 1,2,3-Trichlorobenzene	13.591	180	2495	0.715	ug/L	93

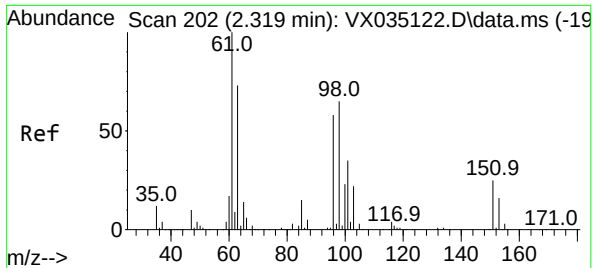
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 19 00:53:18 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.491 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX035132.D

Acq: 18 Apr 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

COMK1

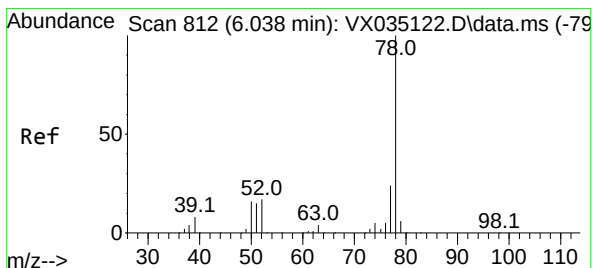
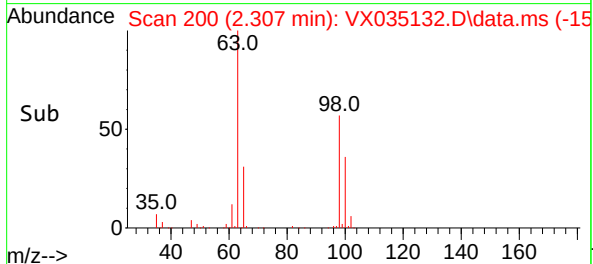
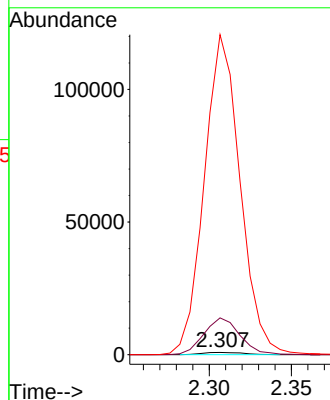
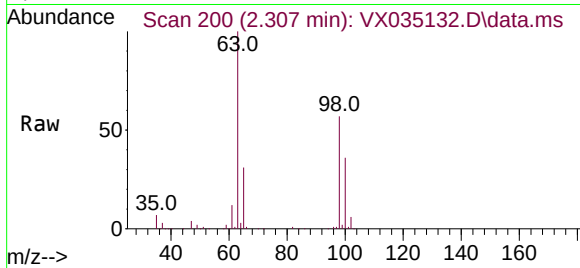
Tgt Ion: 96 Resp: 1516

Ion Ratio Lower Upper

96 100

61 1609.3 119.0 221.0#

63 13963.9 91.0 169.0#



#33

Benzene

Concen: 14.034 ug/L

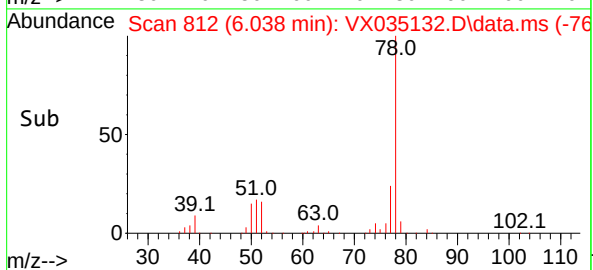
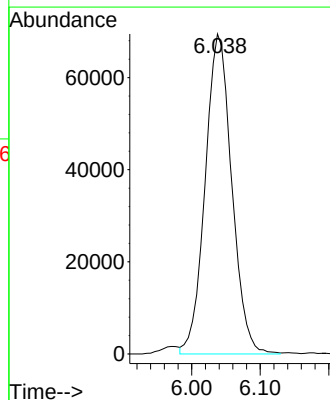
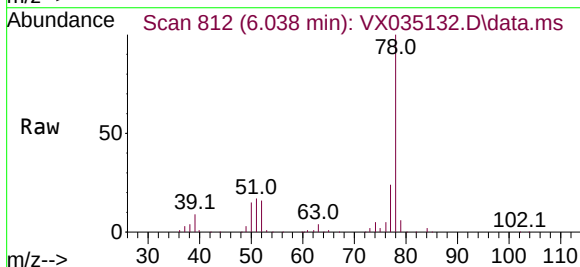
RT: 6.038 min Scan# 812

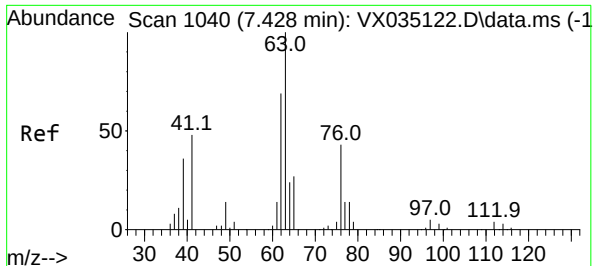
Delta R.T. 0.000 min

Lab File: VX035132.D

Acq: 18 Apr 2023 18:47

Tgt Ion: 78 Resp: 187349





#37

1,2-Dichloropropane

Concen: 4.767 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX035132.D

Acq: 18 Apr 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

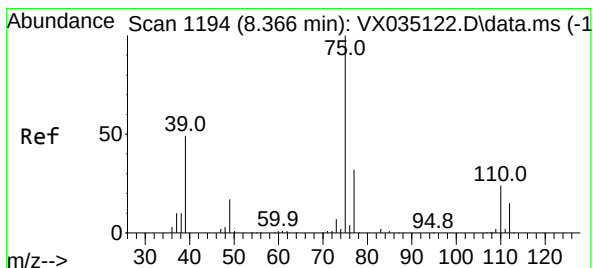
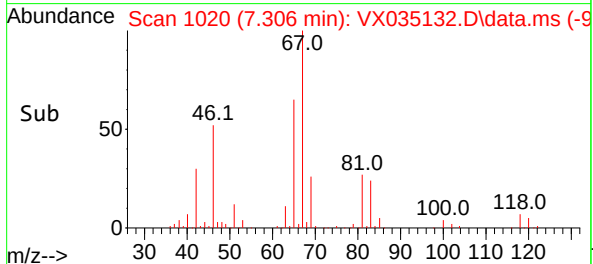
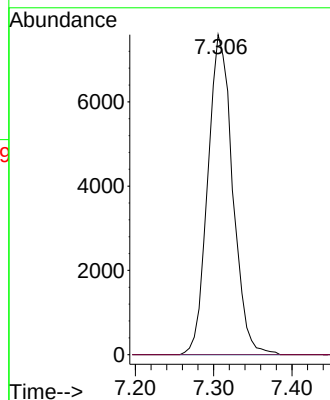
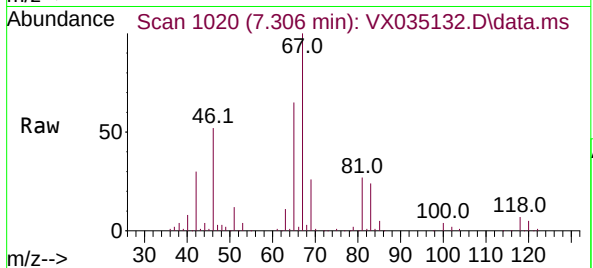
COMK1

Tgt Ion: 63 Resp: 16756

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX035132.D

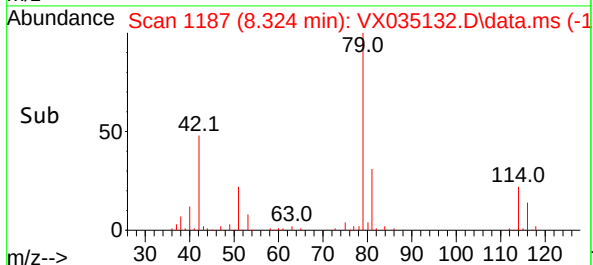
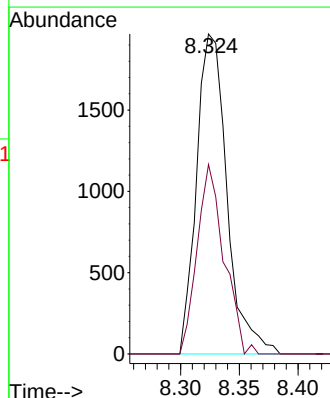
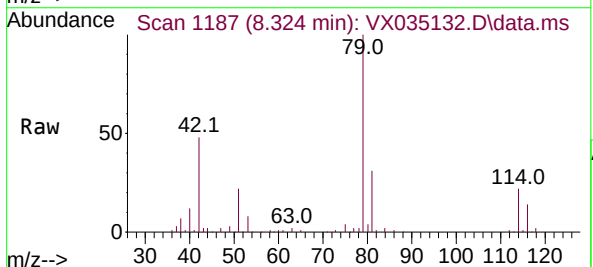
Acq: 18 Apr 2023 18:47

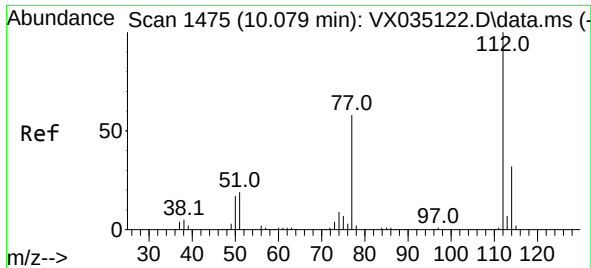
Tgt Ion: 75 Resp: 3548

Ion Ratio Lower Upper

75 100

77 59.2 21.4 39.8#

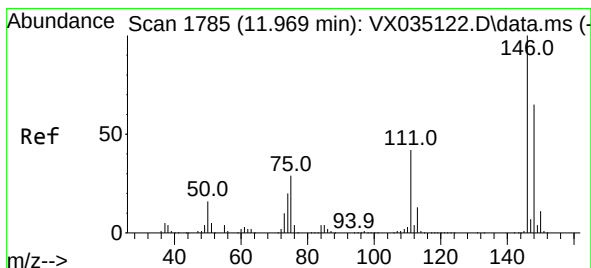
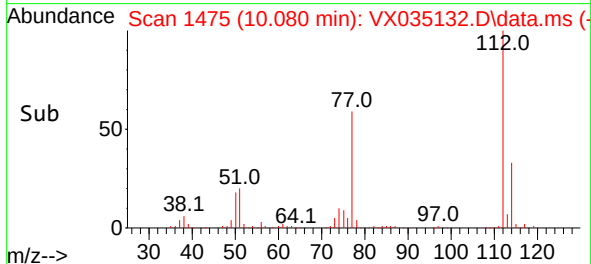
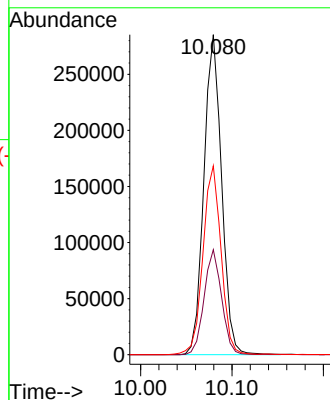
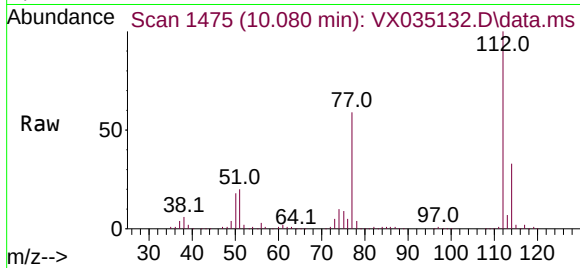




#51
Chlorobenzene
Concen: 41.984 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035132.D
Acq: 18 Apr 2023 18:47

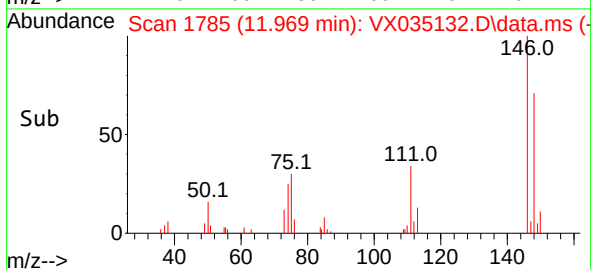
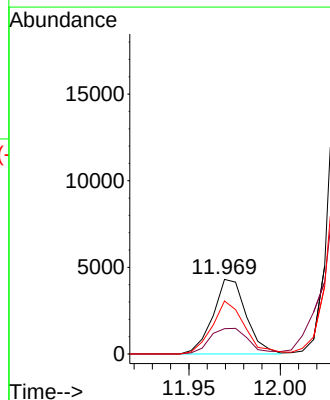
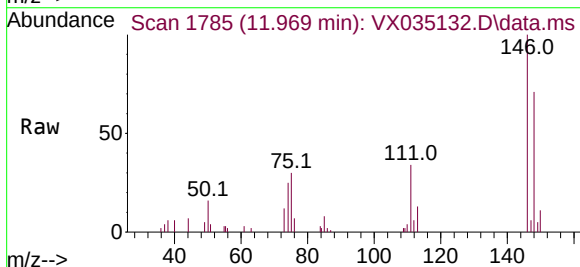
Instrument :
MSVOA_X
ClientSampleId :
COMK1

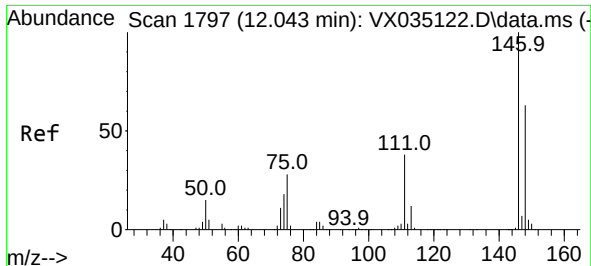
Tgt Ion:112 Resp: 383104
Ion Ratio Lower Upper
112 100
114 32.8 22.4 41.6
77 59.0 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 0.895 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035132.D
Acq: 18 Apr 2023 18:47

Tgt Ion:146 Resp: 5460
Ion Ratio Lower Upper
146 100
111 33.9 28.9 53.7
148 71.0 44.3 82.3

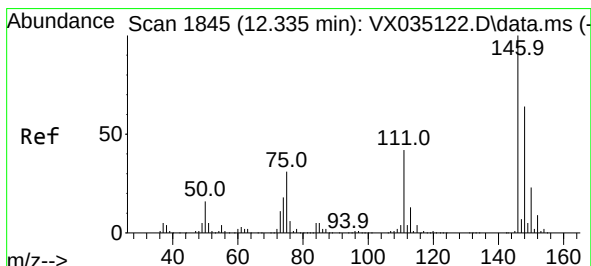
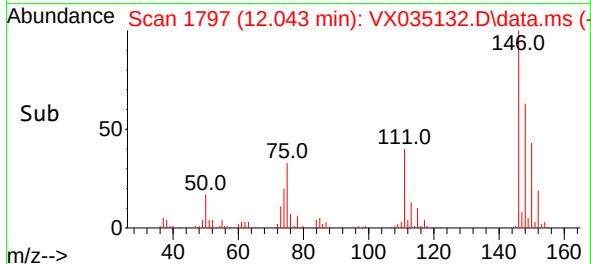
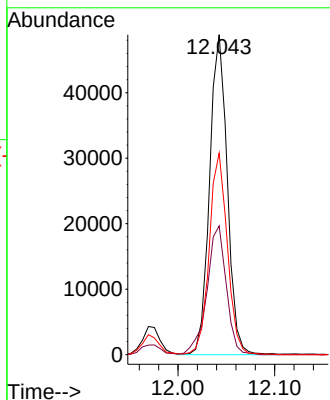
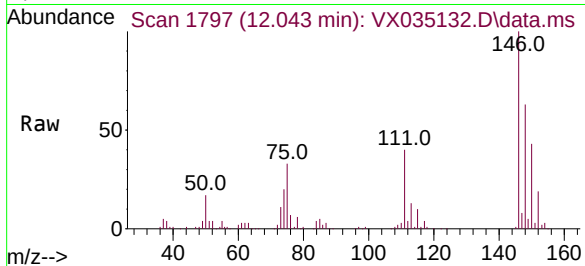




#65
1,4-Dichlorobenzene
Concen: 9.957 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035132.D
Acq: 18 Apr 2023 18:47

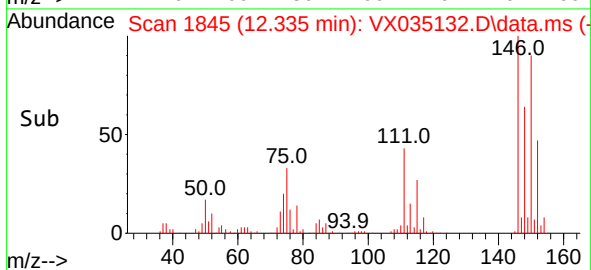
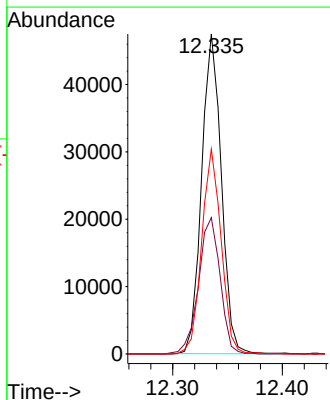
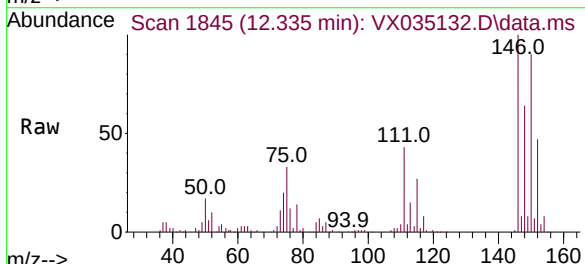
Instrument :
MSVOA_X
ClientSampleId :
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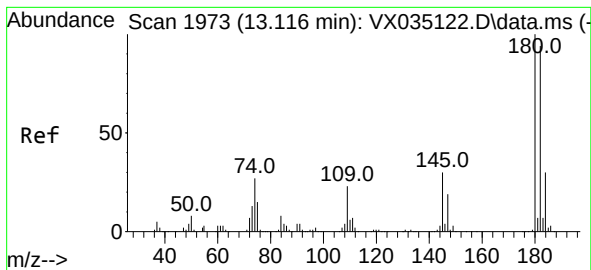
Tgt Ion:146 Resp: 62169
Ion Ratio Lower Upper
146 100
111 40.2 27.9 51.7
148 63.0 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 9.570 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035132.D
Acq: 18 Apr 2023 18:47

Tgt Ion:146 Resp: 59209
Ion Ratio Lower Upper
146 100
111 42.6 34.7 52.1
148 64.0 52.1 78.1





#69

1,3,5-Trichlorobenzene

Concen: 0.677 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.476 min

Lab File: VX035132.D

Acq: 18 Apr 2023 18:47

Instrument :

MSVOA_X

ClientSampleId :

COMK1

Tgt Ion:180 Resp: 2553

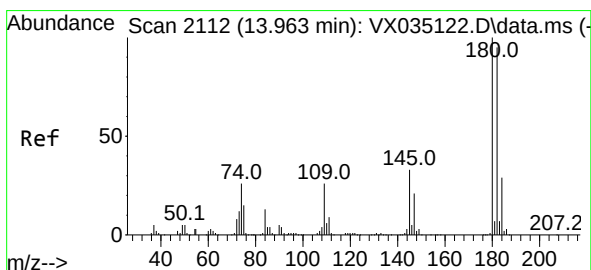
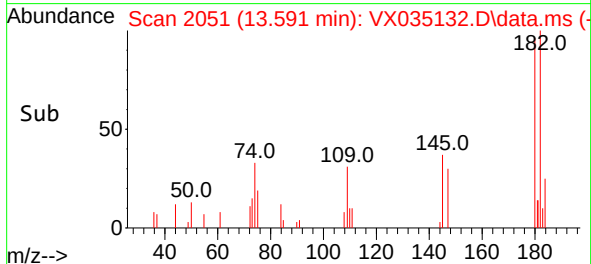
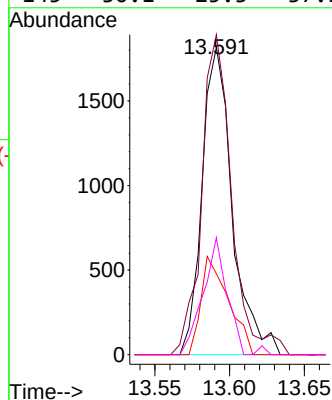
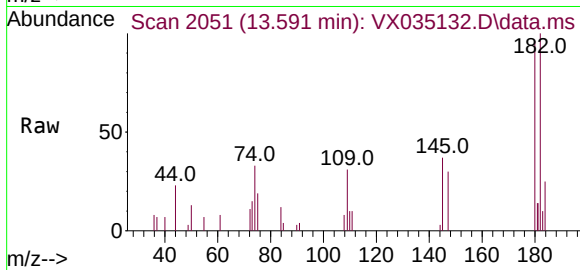
Ion Ratio Lower Upper

180 100

182 100.4 75.4 113.0

184 29.1 23.8 35.8

145 30.1 25.3 37.9



#72

1,2,3-Trichlorobenzene

Concen: 0.715 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.372 min

Lab File: VX035132.D

Acq: 18 Apr 2023 18:47

Tgt Ion:180 Resp: 2495

Ion Ratio Lower Upper

180 100

182 87.1 75.0 112.6

145 29.3 27.1 40.7

