

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041823\
 Data File : VX035131.D
 Acq On : 18 Apr 2023 18:24
 Operator : JC/MD
 Sample : 02378-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK0

Quant Time: Apr 19 00:56:29 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)

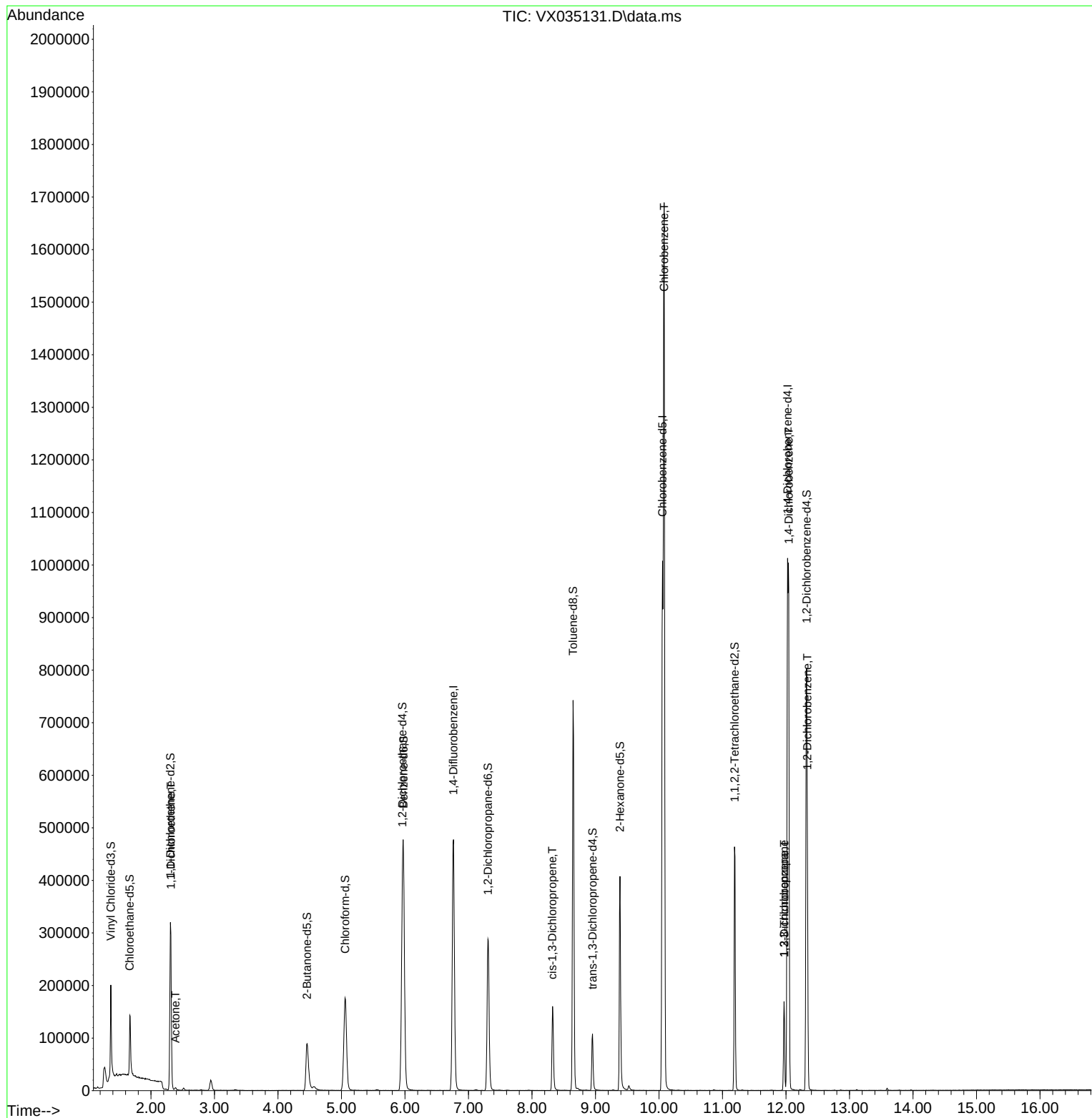
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	492945	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	428287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	188712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	114232	35.939	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.880%		
7) Chloroethane-d5	1.666	69	86275	37.564	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.120%		
11) 1,1-Dichloroethene-d2	2.307	65	56749	37.314	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.620%		
21) 2-Butanone-d5	4.459	46	165520	78.144	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.140%		
24) Chloroform-d	5.056	84	229646	38.365	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.740%		
26) 1,2-Dichloroethane-d4	5.958	65	152654	39.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.420%		
32) Benzene-d6	5.977	84	492226	40.009	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.020%		
36) 1,2-Dichloropropane-d6	7.306	67	149350	39.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.480%		
41) Toluene-d8	8.647	98	438951	39.038	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.080%#		
43) trans-1,3-Dichloroprop...	8.952	79	52371	31.887	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.780%		
47) 2-Hexanone-d5	9.385	63	118823	78.734	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	78.730%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	180729	39.268	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.540%		
66) 1,2-Dichlorobenzene-d4	12.323	152	142882	39.071	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.140%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1380	0.469	ug/L #	1
13) Acetone	2.386	43	5141	3.272	ug/L	95
39) cis-1,3-Dichloropropene	8.318	75	3680	0.721	ug/L	94
51) Chlorobenzene	10.080	112	740472	83.524	ug/L	100
61) 1,2,3-Trichloropropane	11.969	75	16999	4.879	ug/L #	48
64) 1,3-Dichlorobenzene	11.969	146	55994	9.568	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	285826	47.729	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	127895	21.553	ug/L	98

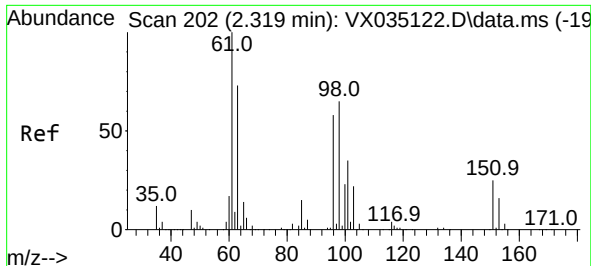
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.469 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX035131.D

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Instrument :

MSVOA_X

ClientSampleId :

COMK0

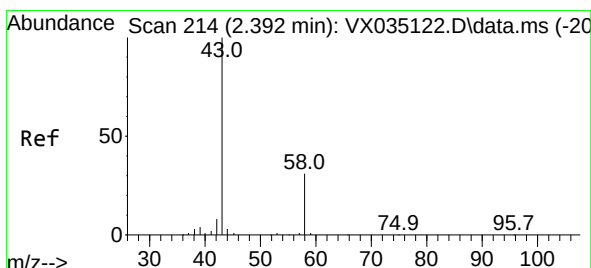
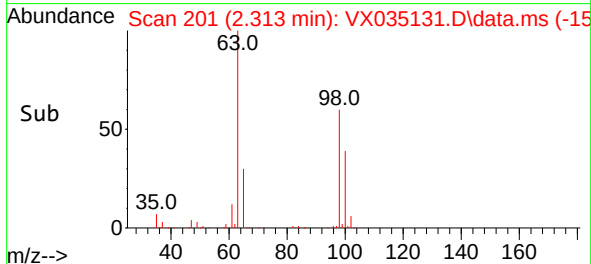
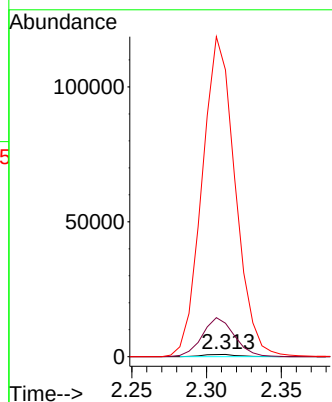
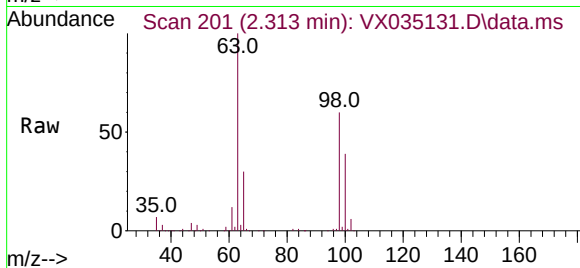
Tgt Ion: 96 Resp: 1380

Ion Ratio Lower Upper

96 100

61 1437.5 119.0 221.0#

63 12301.9 91.0 169.0#



#13

Acetone

Concen: 3.272 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX035131.D

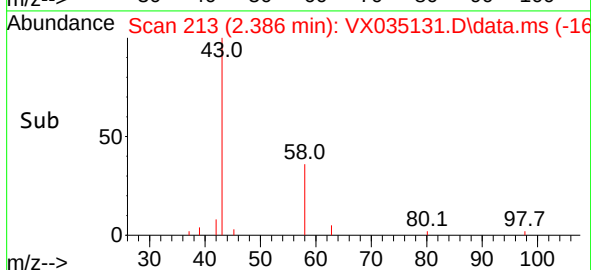
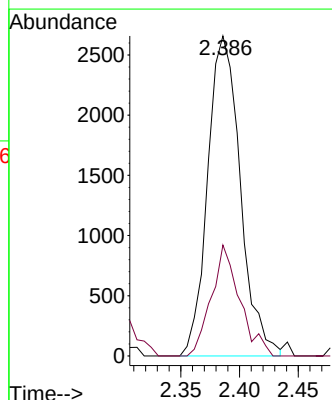
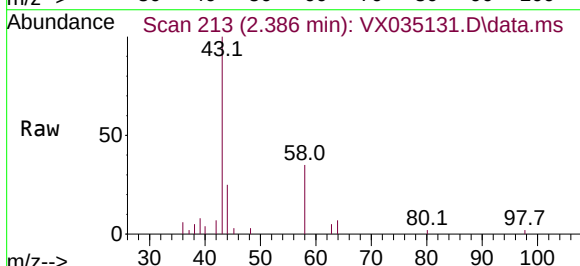
Acq: 18 Apr 2023 18:24

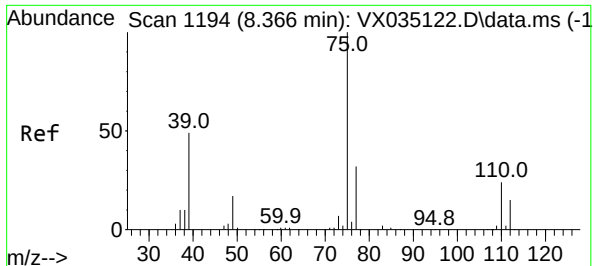
Tgt Ion: 43 Resp: 5141

Ion Ratio Lower Upper

43 100

58 28.3 0.0 62.0





#39

cis-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 8.318 min Scan# 1186

Delta R.T. -0.049 min

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ClientSampleId :

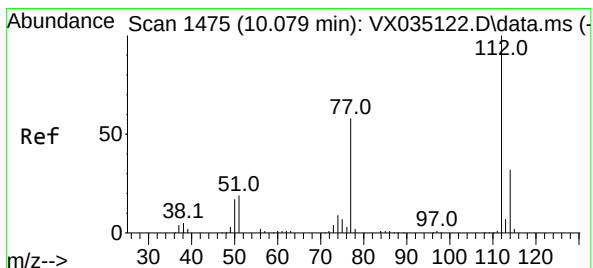
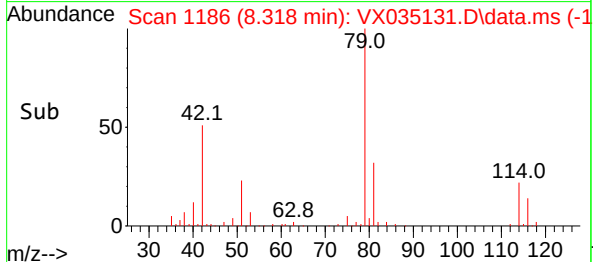
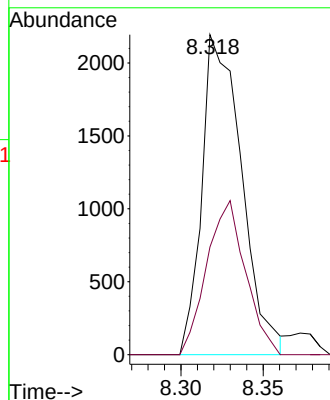
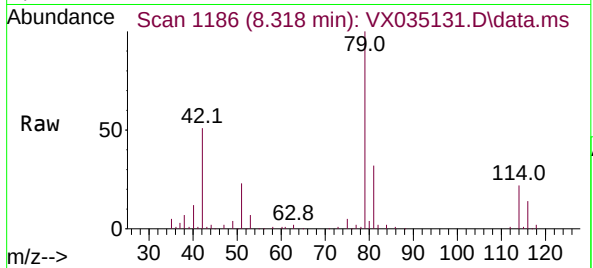
COMK0

Tgt Ion: 75 Resp: 3680

Ion Ratio Lower Upper

75 100

77 33.6 21.4 39.8



#51

Chlorobenzene

Concen: 83.524 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX035131.D

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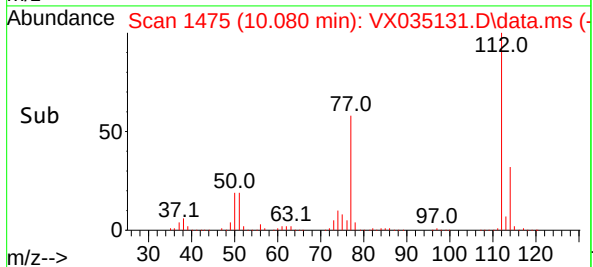
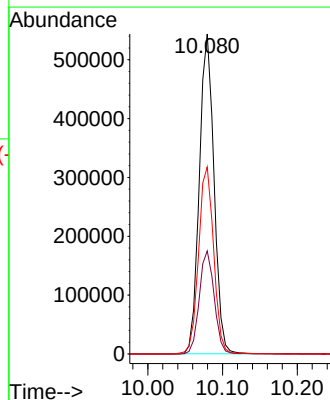
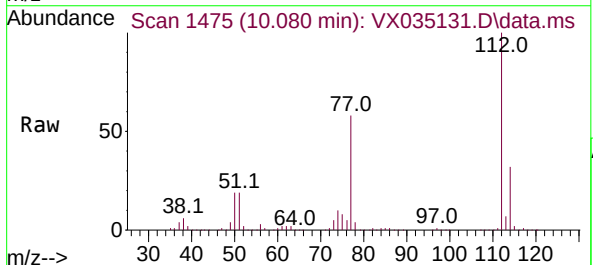
Tgt Ion: 112 Resp: 740472

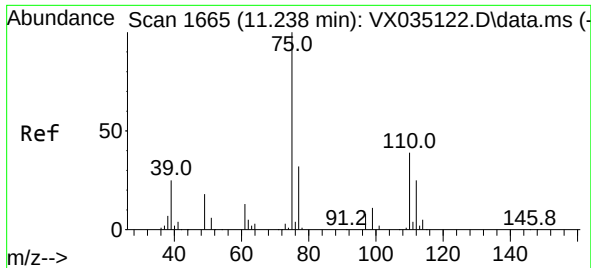
Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

77 58.5 47.0 70.6

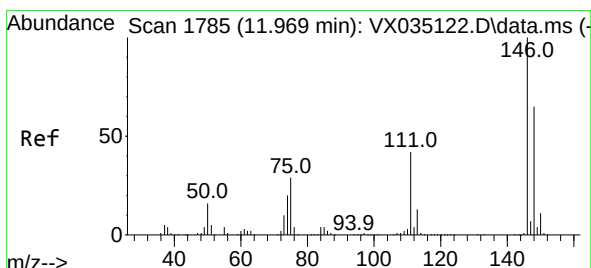
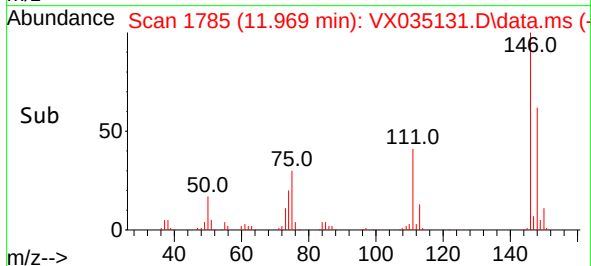
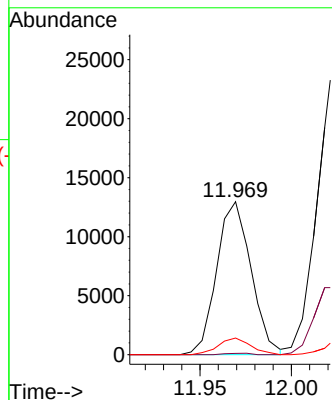
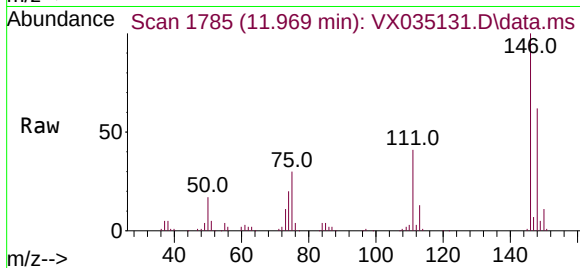




#61
1,2,3-Trichloropropane
Concen: 4.879 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.732 min
Lab File: VX035131.D
Acq: 18 Apr 2023 18:24

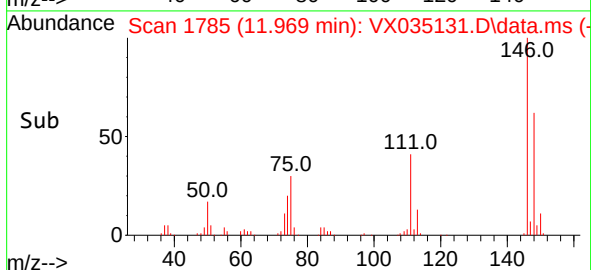
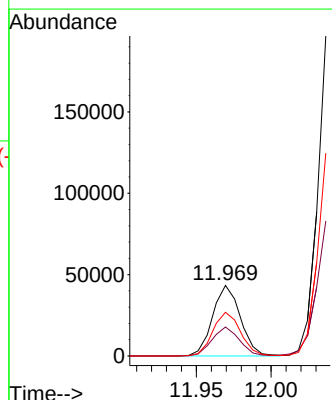
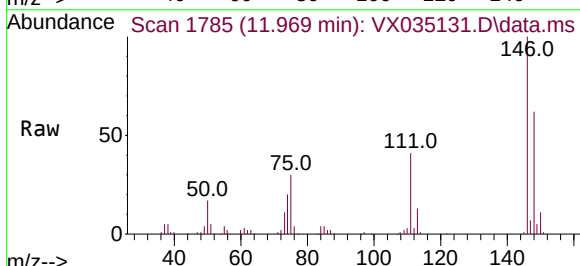
Instrument :
MSVOA_X
ClientSampleId :
COMK0

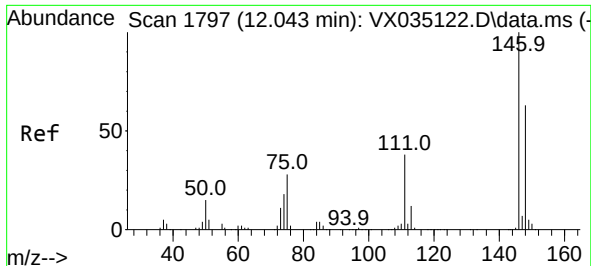
Tgt Ion: 75 Resp: 16999
Ion Ratio Lower Upper
75 100
77 0.7 25.6 38.4#
110 10.3 32.5 48.7#



#64
1,3-Dichlorobenzene
Concen: 9.568 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035131.D
Acq: 18 Apr 2023 18:24

Tgt Ion:146 Resp: 55994
Ion Ratio Lower Upper
146 100
111 41.1 28.9 53.7
148 62.0 44.3 82.3

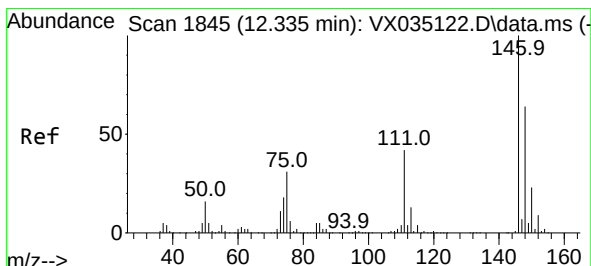
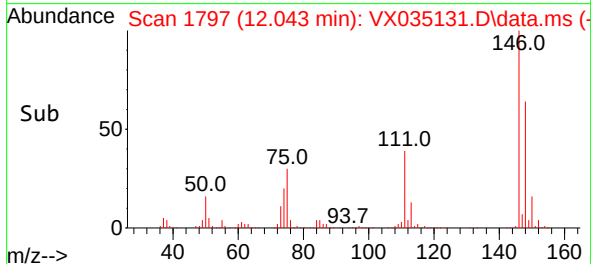
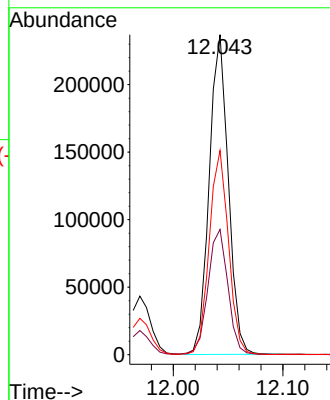
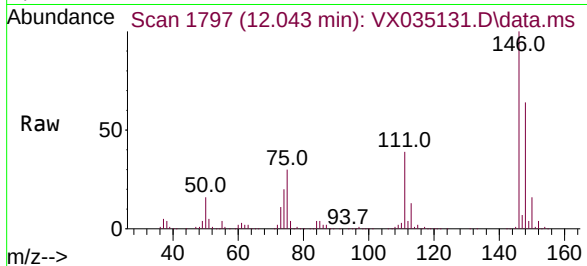




#65
1,4-Dichlorobenzene
Concen: 47.729 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035131.D
Acq: 18 Apr 2023 18:24

Instrument :
MSVOA_X
ClientSampleId :
COMK0

Tgt Ion:146 Resp: 285826
Ion Ratio Lower Upper
146 100
111 39.2 27.9 51.7
148 63.8 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 21.553 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035131.D
Acq: 18 Apr 2023 18:24

Tgt Ion:146 Resp: 127895
Ion Ratio Lower Upper
146 100
111 42.1 34.7 52.1
148 63.1 52.1 78.1

