

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043516.D
 Acq On : 25 Oct 2024 12:09
 Operator : JC/MD
 Sample : VX1025MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 01:35:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 01:33:53 2024
 Response via : Initial Calibration

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

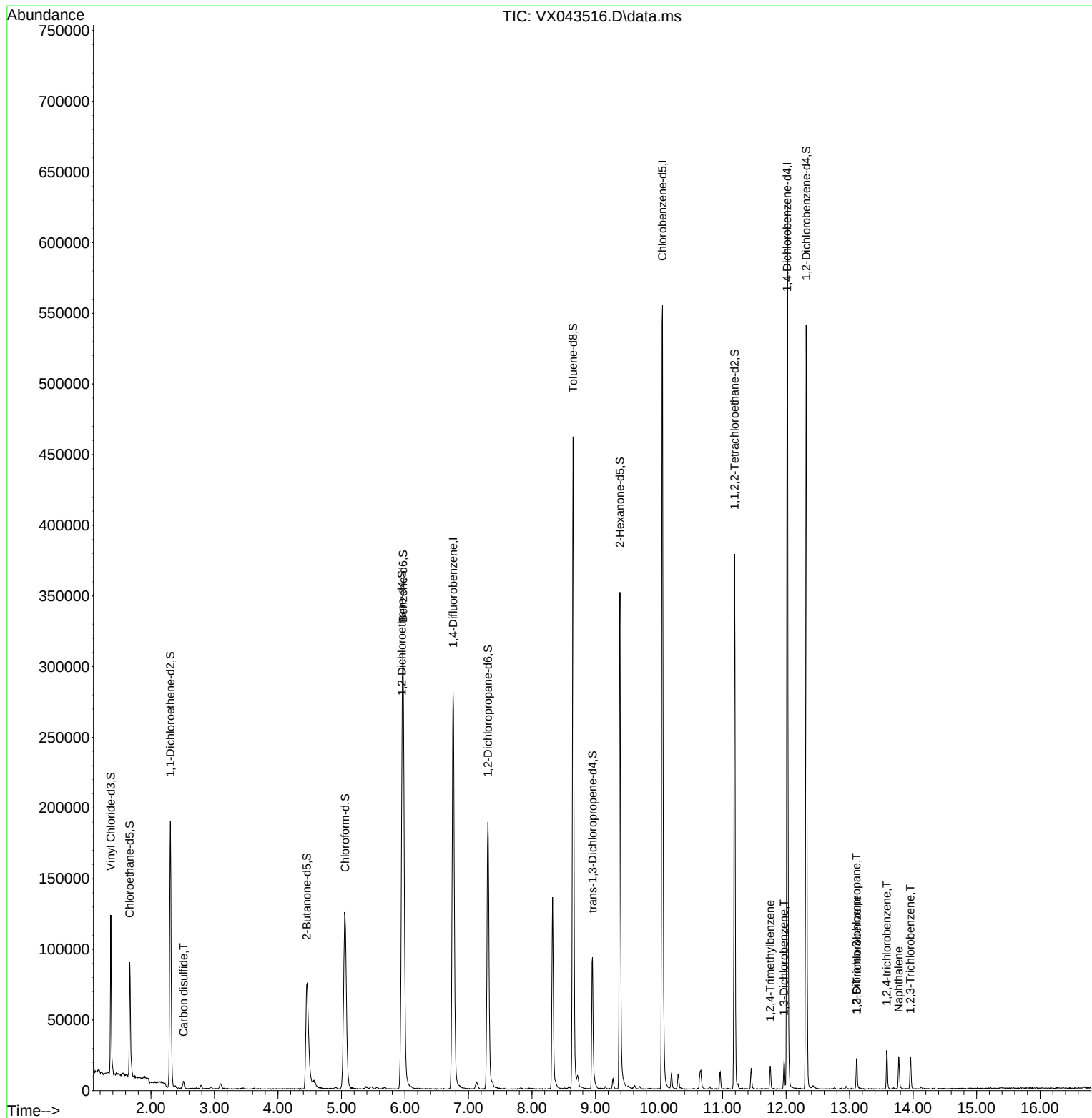
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	291868	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	265316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123858	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68885	43.386	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.780%
7) Chloroethane-d5	1.666	69	56807	44.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.360%
11) 1,1-Dichloroethene-d2	2.306	65	32966	43.968	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.940%
21) 2-Butanone-d5	4.452	46	130784	98.888	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.890%
24) Chloroform-d	5.056	84	159367	43.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.952	65	108764	44.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.160%
32) Benzene-d6	5.970	84	302310	44.886	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.780%
36) 1,2-Dichloropropane-d6	7.305	67	95517	45.559	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.120%
41) Toluene-d8	8.647	98	276441	44.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.660%
43) trans-1,3-Dichloroprop...	8.952	79	47025	42.634	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.260%
47) 2-Hexanone-d5	9.384	63	100853	96.991	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.990%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142890	45.782	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.560%
66) 1,2-Dichlorobenzene-d4	12.317	152	102789	45.723	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
Target Compounds						Qvalue
14) Carbon disulfide	2.514	76	6349	1.600	ug/L	95
63) 1,2,4-Trimethylbenzene	11.750	105	7703	1.102	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	6247	1.691	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.109	75	1135	1.626	ug/L #	7
69) 1,3,5-Trichlorobenzene	13.115	180	5244	2.113	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	6330	2.723	ug/L	97
71) Naphthalene	13.774	128	14753	1.681	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	5472	2.353	ug/L	97

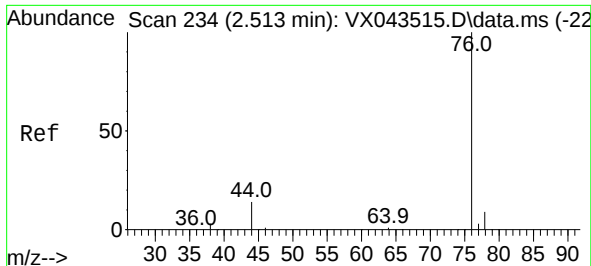
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

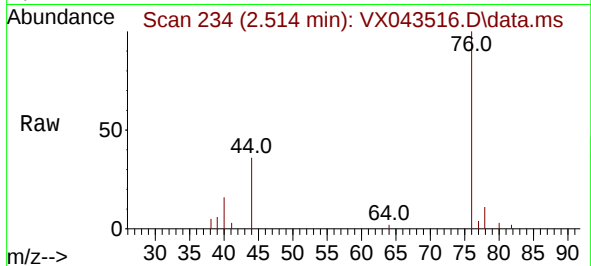
Quant Time: Oct 26 01:35:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM102524WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 26 01:33:53 2024
Response via : Initial Calibration



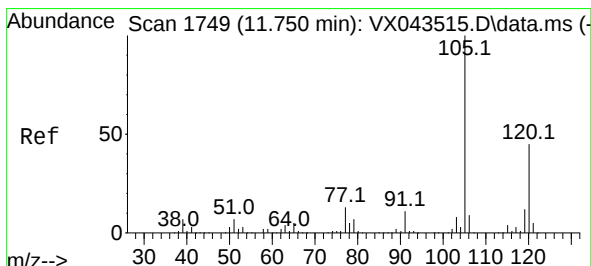
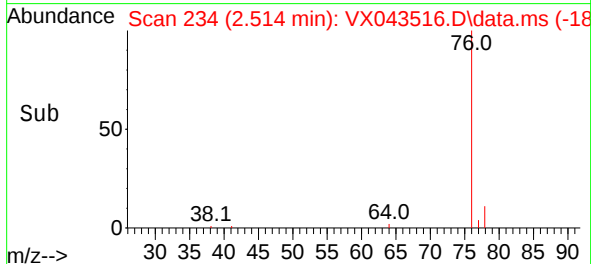
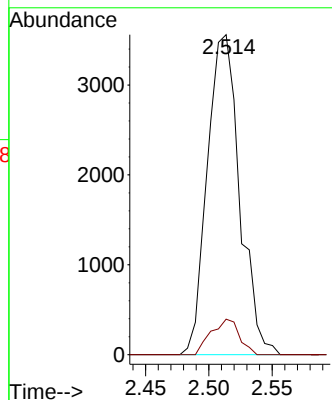


#14
Carbon disulfide
Concen: 1.600 ug/L
RT: 2.514 min Scan# 24
Delta R.T. 0.000 min
Lab File: VX043516.D
Acq: 25 Oct 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

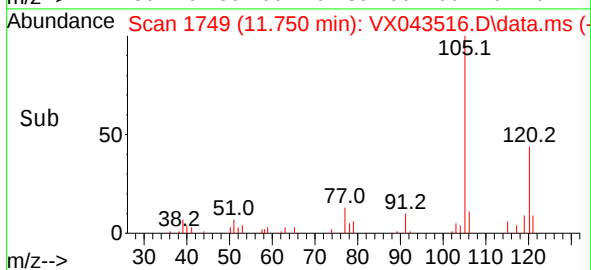
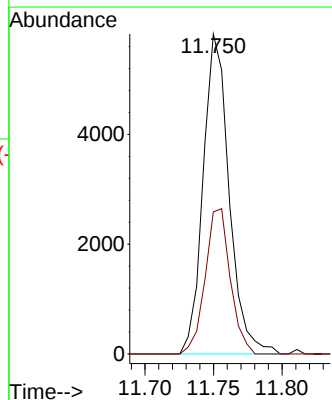
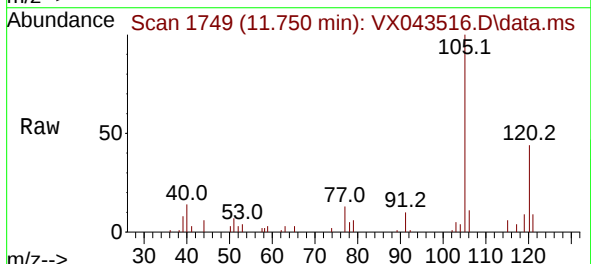


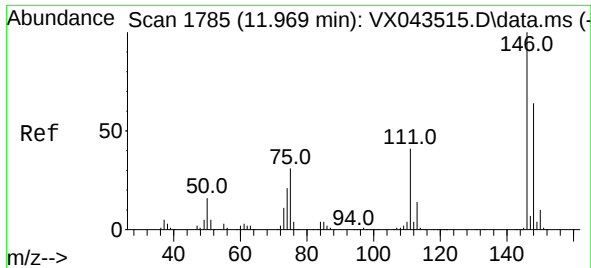
Tgt Ion: 76 Resp: 6349
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3



#63
1,2,4-Trimethylbenzene
Concen: 1.102 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX043516.D
Acq: 25 Oct 2024 12:09

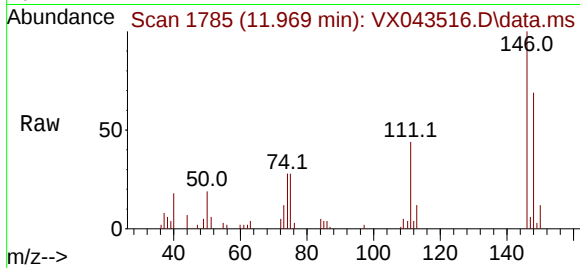
Tgt Ion: 105 Resp: 7703
Ion Ratio Lower Upper
105 100
120 43.8 35.8 53.8



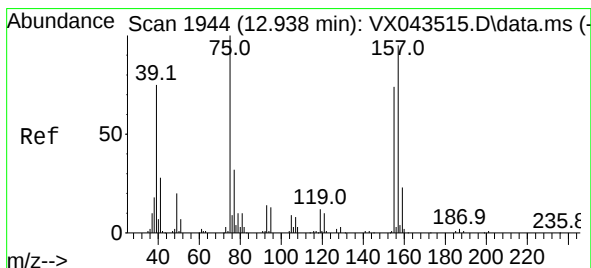
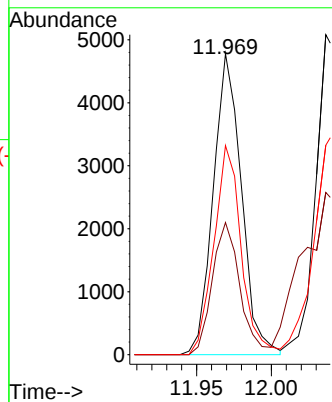
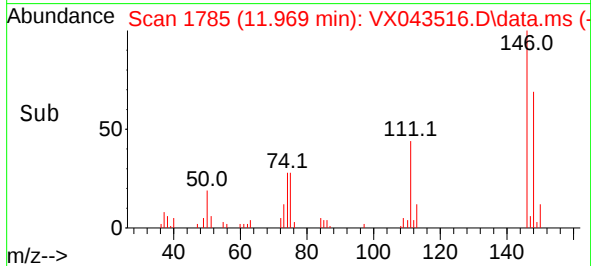


#64
1,3-Dichlorobenzene
Concen: 1.691 ug/L
RT: 11.969 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043516.D
Acq: 25 Oct 2024 12:09

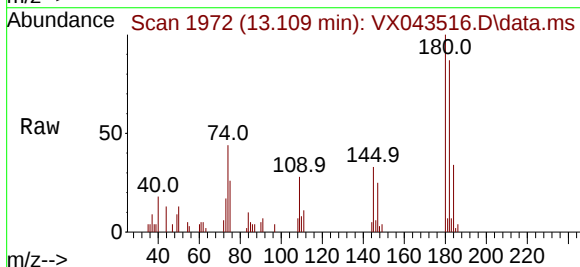
Instrument :
MSVOA_X
ClientSampleId :



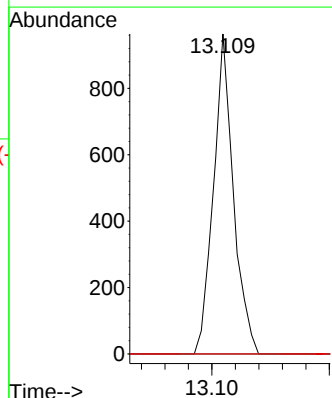
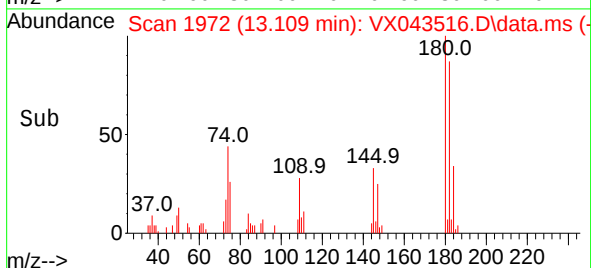
Tgt Ion:146 Resp: 6247
Ion Ratio Lower Upper
146 100
111 43.9 28.6 53.0
148 69.5 45.8 85.0

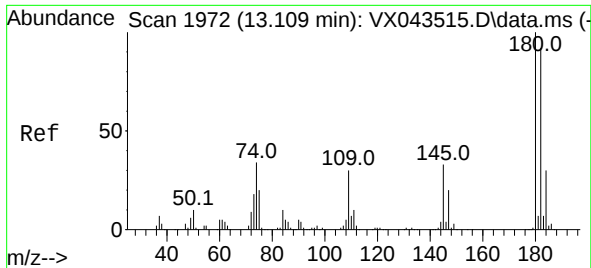


#68
1,2-Dibromo-3-chloropropane
Concen: 1.626 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.171 min
Lab File: VX043516.D
Acq: 25 Oct 2024 12:09



Tgt Ion: 75 Resp: 1135
Ion Ratio Lower Upper
75 100
155 0.0 56.9 85.3#
157 0.0 76.8 115.2#





#69

1,3,5-Trichlorobenzene

Concen: 2.113 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

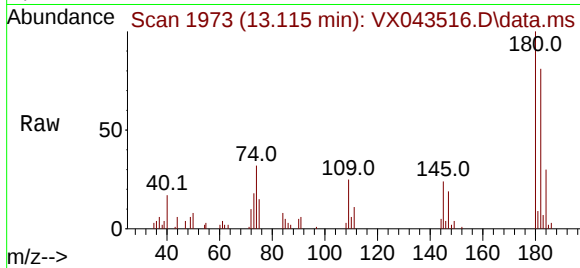
Lab File: VX043516.D

Acq: 25 Oct 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 5244

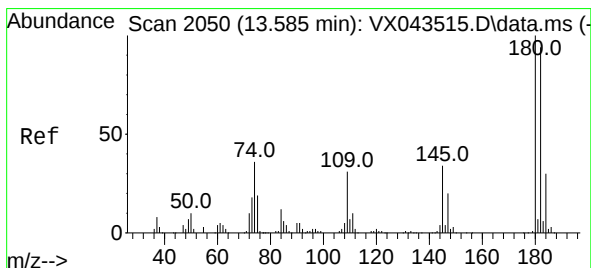
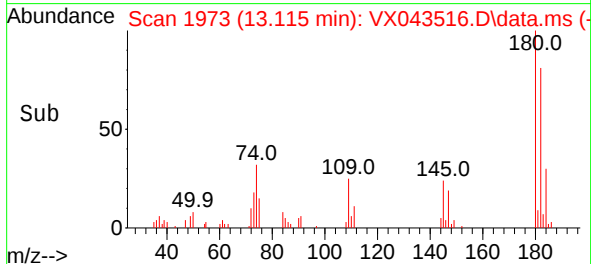
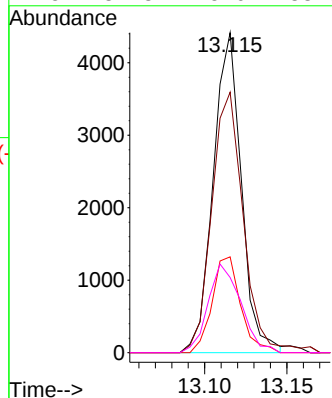
Ion Ratio Lower Upper

180 100

182 90.2 74.1 111.1

184 30.5 23.1 34.7

145 32.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 2.723 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX043516.D

Acq: 25 Oct 2024 12:09

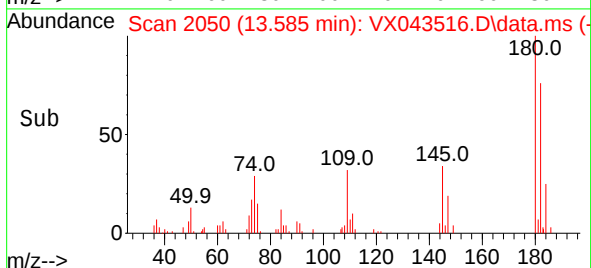
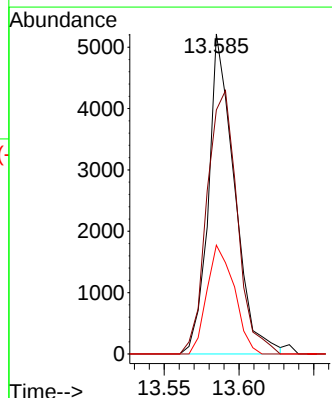
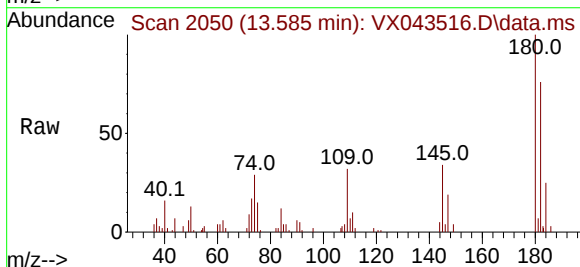
Tgt Ion:180 Resp: 6330

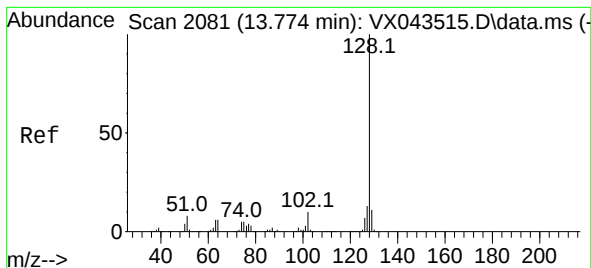
Ion Ratio Lower Upper

180 100

182 95.8 74.9 112.3

145 35.6 26.6 40.0





#71

Naphthalene

Concen: 1.681 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX043516.D

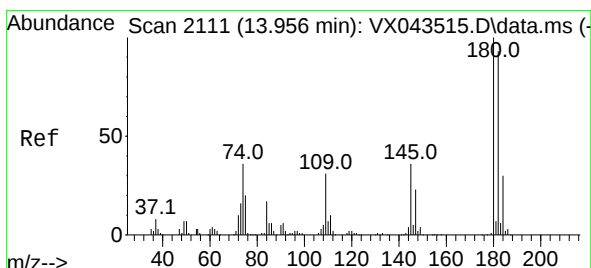
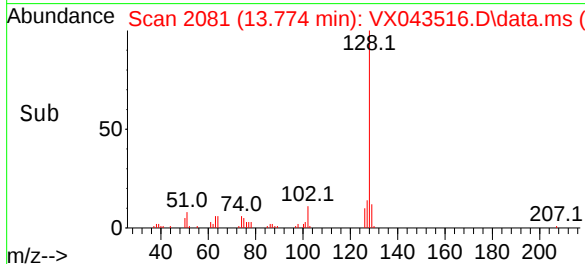
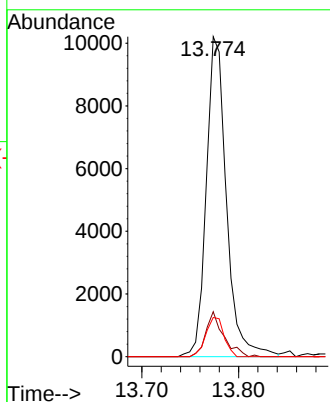
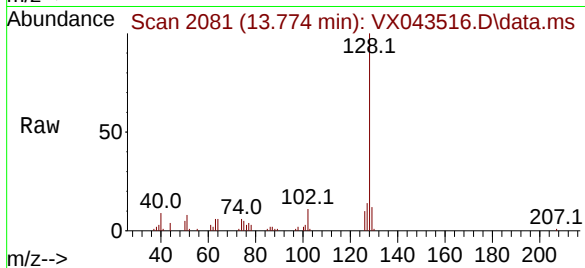
Acq: 25 Oct 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128	Resp:	14753
Ion Ratio	Lower	Upper
128	100	
127	12.3	10.1 15.1
129	11.1	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.353 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX043516.D

Acq: 25 Oct 2024 12:09

Tgt Ion:180	Resp:	5472
Ion Ratio	Lower	Upper
180	100	
182	92.5	77.4 116.0
145	35.4	28.6 43.0

