

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044142.D
 Acq On : 05 Dec 2024 12:10
 Operator : JC/MD
 Sample : VIBLK683
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK683

Quant Time: Dec 06 04:08:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:51:43 2024
 Response via : Initial Calibration

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

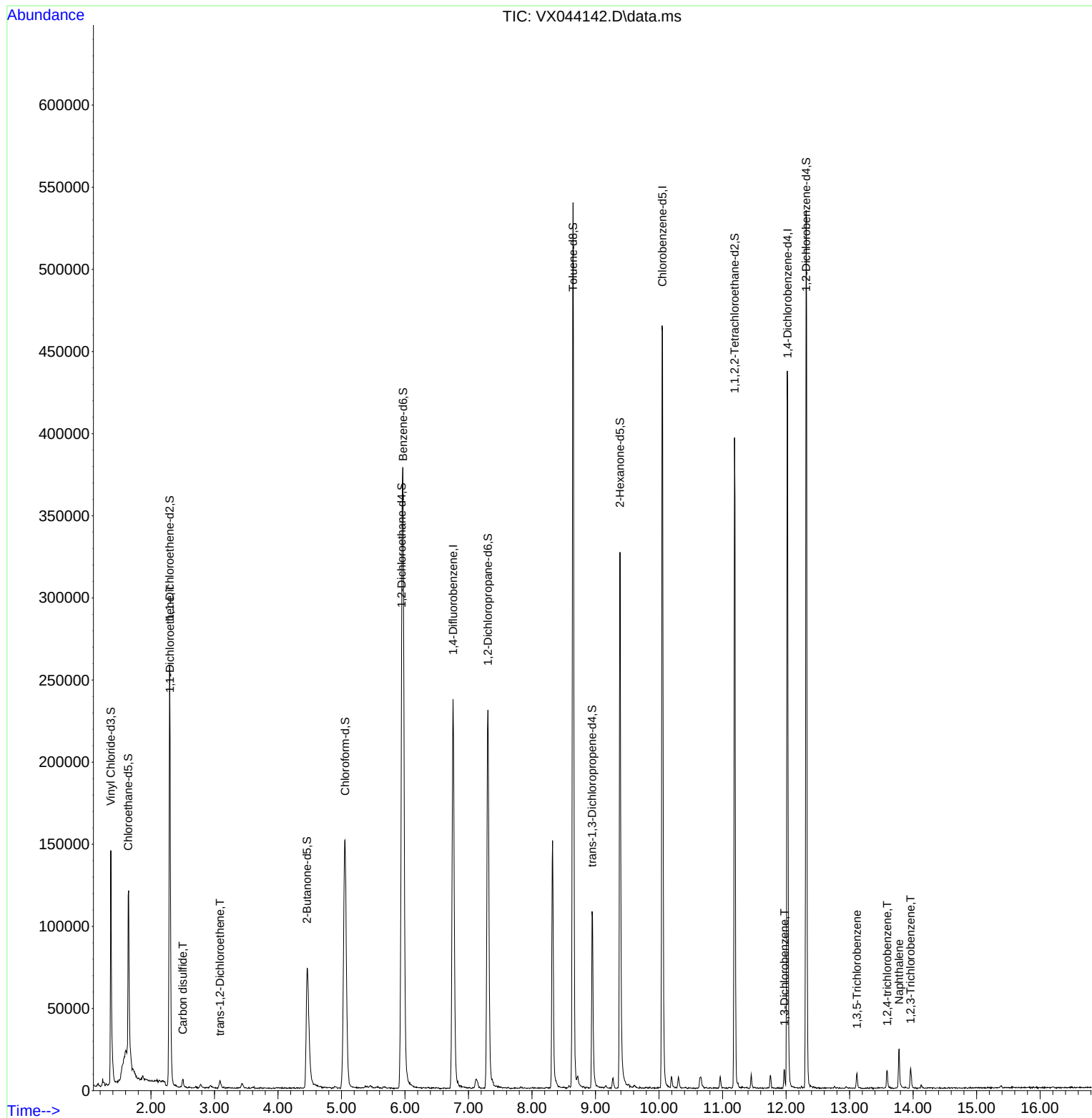
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	227415	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204499	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	82070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	100277	48.184	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.360%
7) Chloroethane-d5	1.642	69	75906	47.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.160%
11) 1,1-Dichloroethene-d2	2.294	65	43351	48.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.420%
21) 2-Butanone-d5	4.458	46	134603	105.640	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.640%
24) Chloroform-d	5.056	84	189646	47.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
26) 1,2-Dichloroethane-d4	5.946	65	136150	48.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
32) Benzene-d6	5.970	84	350987	49.672	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.340%
36) 1,2-Dichloropropane-d6	7.305	67	110151	50.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	8.647	98	314485	48.134	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
43) trans-1,3-Dichloroprop...	8.945	79	50484	47.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.760%
47) 2-Hexanone-d5	9.384	63	90704	106.026	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.030%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145926	49.601	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	99285	51.922	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.840%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.300	96	1856	1.384	ug/L #	1
14) Carbon disulfide	2.501	76	5844	2.301	ug/L #	93
17) trans-1,2-Dichloroethene	3.087	96	1782	1.276	ug/L	79
64) 1,3-Dichlorobenzene	11.975	146	3332	1.269	ug/L	91
69) 1,3,5-Trichlorobenzene	13.115	180	2198	1.341	ug/L #	93
70) 1,2,4-trichlorobenzene	13.591	180	2833	1.941	ug/L	94
71) Naphthalene	13.780	128	16476	2.769	ug/L	96
72) 1,2,3-Trichlorobenzene	13.963	180	3365	2.170	ug/L	94

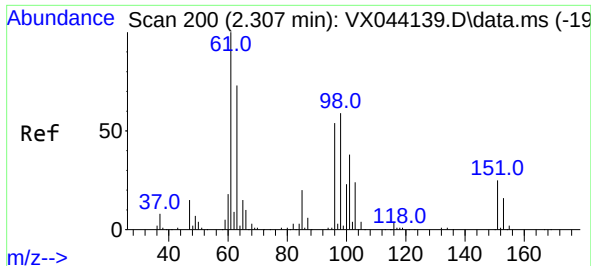
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 03:51:43 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.384 ug/L

RT: 2.300 min Scan# 199

Delta R.T. -0.006 min

Lab File: VX044142.D

Acq: 05 Dec 2024 12:10

Instrument :

MSVOA_X

ClientSampleId :

VIBLK683

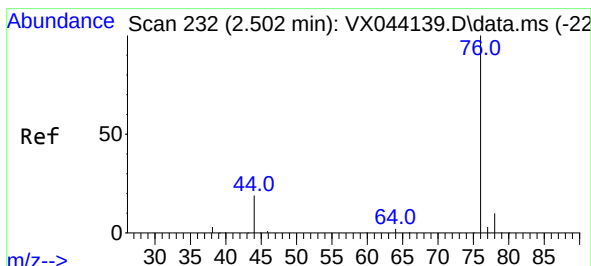
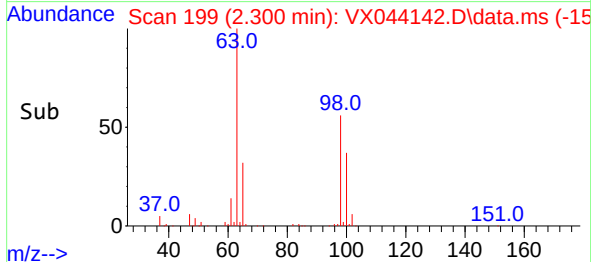
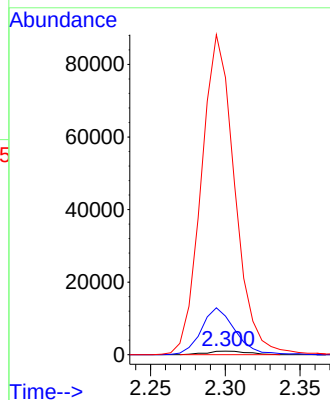
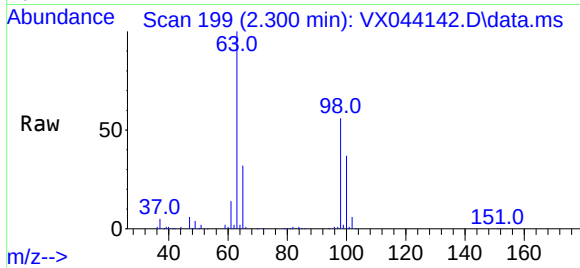
Tgt Ion: 96 Resp: 1856

Ion Ratio Lower Upper

96 100

61 1091.4 109.3 203.1#

63 7832.6 65.7 122.1#



#14

Carbon disulfide

Concen: 2.301 ug/L

RT: 2.501 min Scan# 232

Delta R.T. -0.000 min

Lab File: VX044142.D

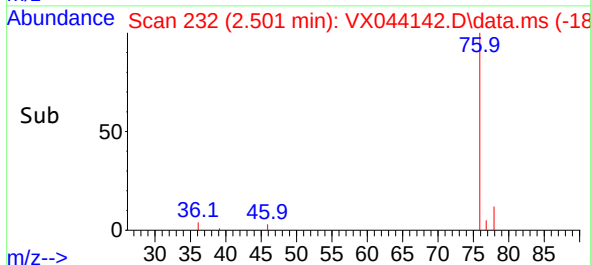
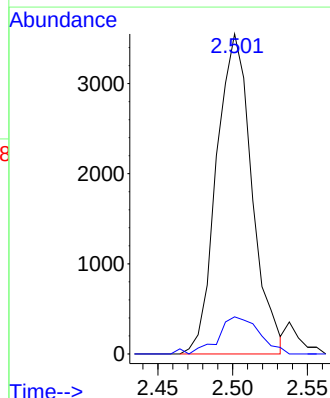
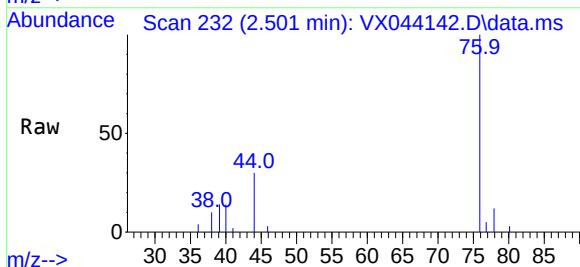
Acq: 05 Dec 2024 12:10

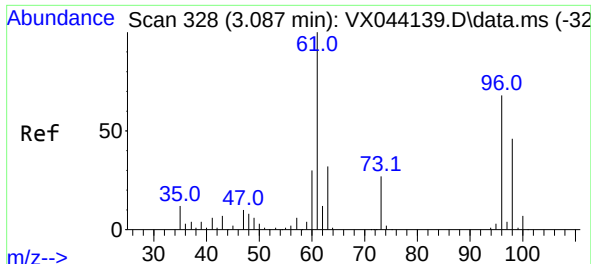
Tgt Ion: 76 Resp: 5844

Ion Ratio Lower Upper

76 100

78 11.6 7.2 10.8#

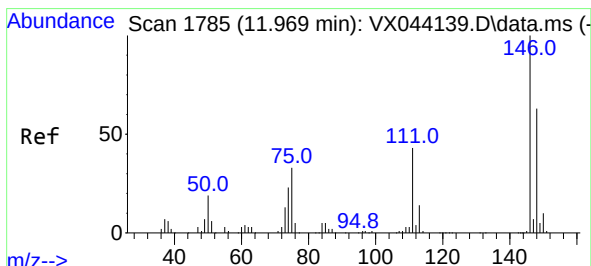
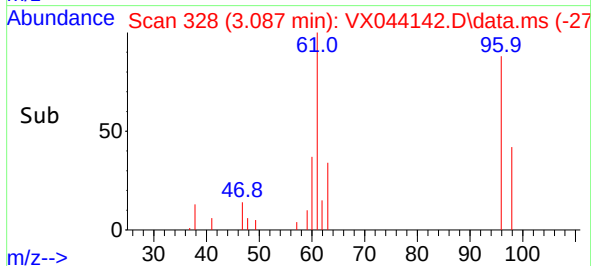
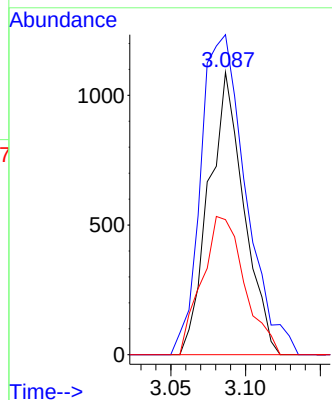
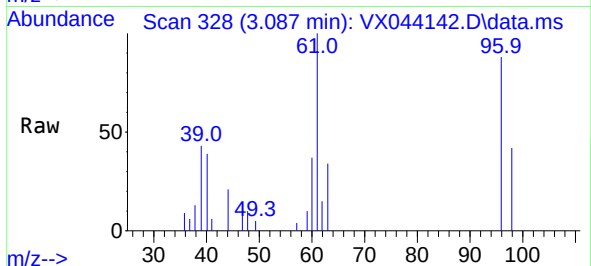




#17
trans-1,2-Dichloroethene
Concen: 1.276 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044142.D
Acq: 05 Dec 2024 12:10

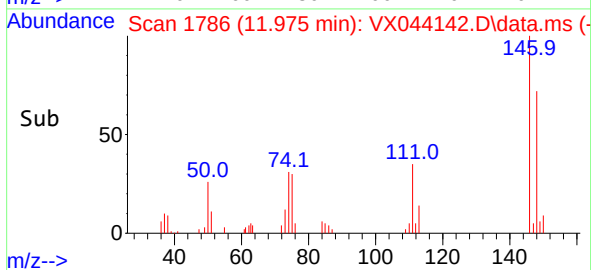
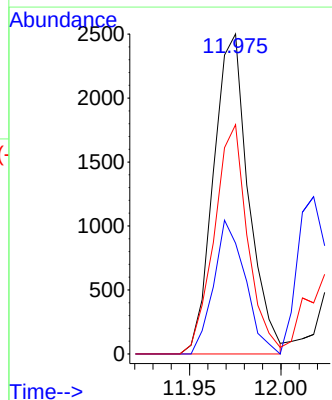
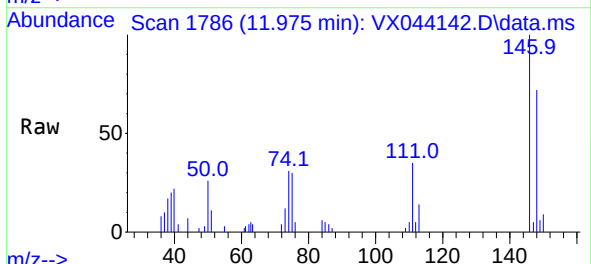
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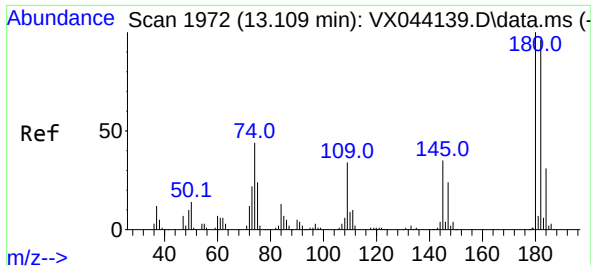
Tgt Ion: 96 Resp: 1782
Ion Ratio Lower Upper
96 100
61 113.3 95.7 177.7
98 47.8 47.2 87.6



#64
1,3-Dichlorobenzene
Concen: 1.269 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX044142.D
Acq: 05 Dec 2024 12:10

Tgt Ion:146 Resp: 3332
Ion Ratio Lower Upper
146 100
111 34.6 28.8 53.4
148 71.7 46.1 85.5

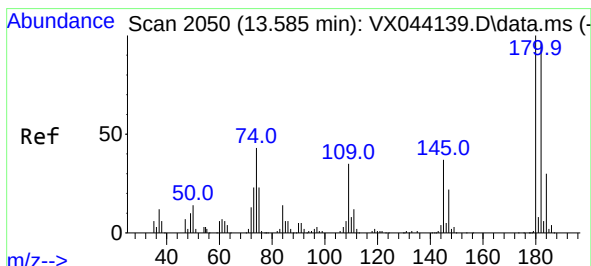
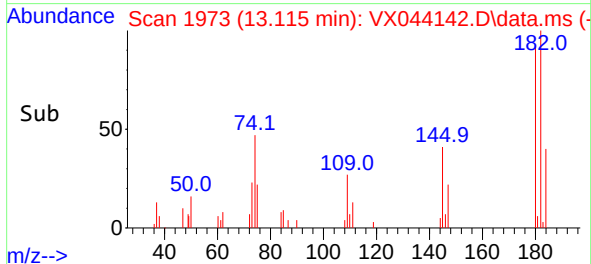
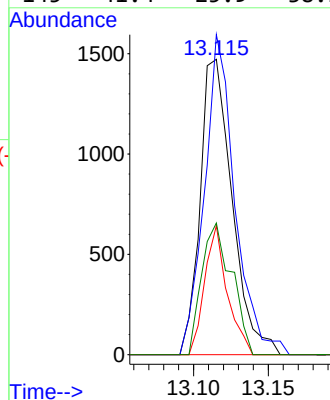
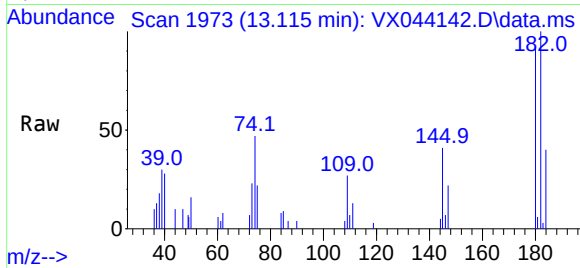




#69
1,3,5-Trichlorobenzene
Concen: 1.341 ug/L
RT: 13.115 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VX044142.D
Acq: 05 Dec 2024 12:10

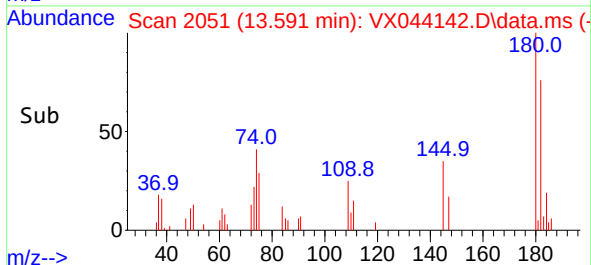
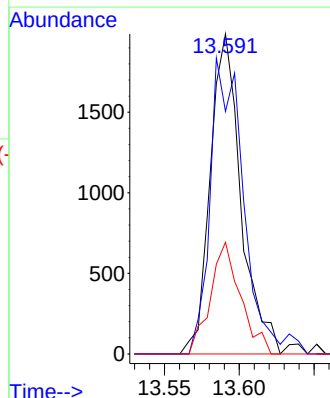
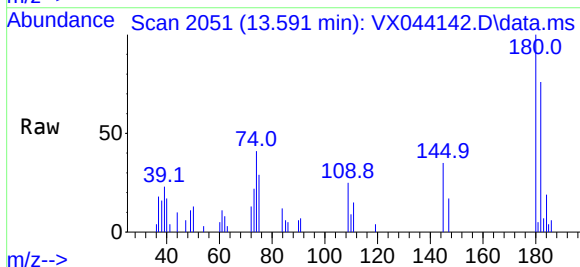
Instrument :
MSVOA_X
ClientSampleId :
VIBLK683

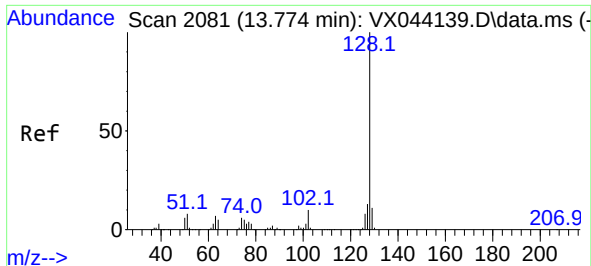
Tgt Ion:180	Resp:	2198
Ion Ratio	Lower	Upper
180	100	
182	101.7	76.7 115.1
184	30.8	24.2 36.4
145	41.4	25.9 38.9#



#70
1,2,4-trichlorobenzene
Concen: 1.941 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044142.D
Acq: 05 Dec 2024 12:10

Tgt Ion:180	Resp:	2833
Ion Ratio	Lower	Upper
180	100	
182	98.3	74.1 111.1
145	34.2	25.3 37.9

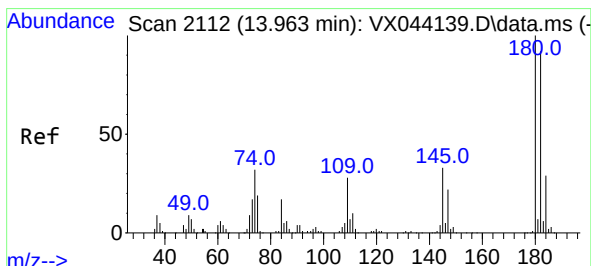
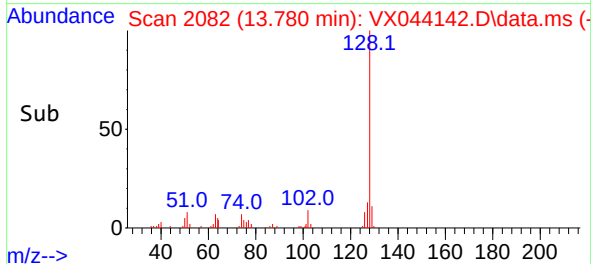
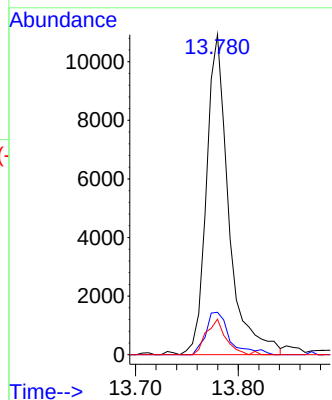
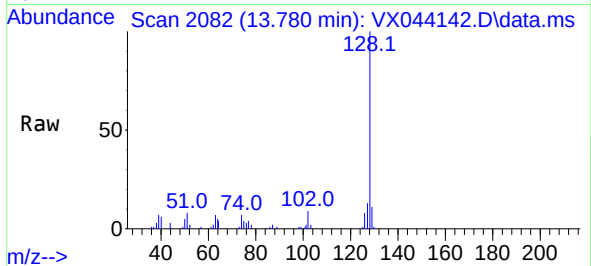




#71
Naphthalene
Concen: 2.769 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX044142.D
Acq: 05 Dec 2024 12:10

Instrument :
MSVOA_X
ClientSampleId :
VIBLK683

Tgt Ion:	128	Resp:	16476
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.1	15.1
129	9.6	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.170 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX044142.D
Acq: 05 Dec 2024 12:10

Tgt Ion:	180	Resp:	3365
Ion Ratio	Lower	Upper	
180	100		
182	88.4	73.8	110.6
145	27.7	27.4	41.2

