

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050924\
 Data File : VX041429.D
 Acq On : 09 May 2024 11:45
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 09 23:33:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML050924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 09 23:24:52 2024
 Response via : Initial Calibration

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

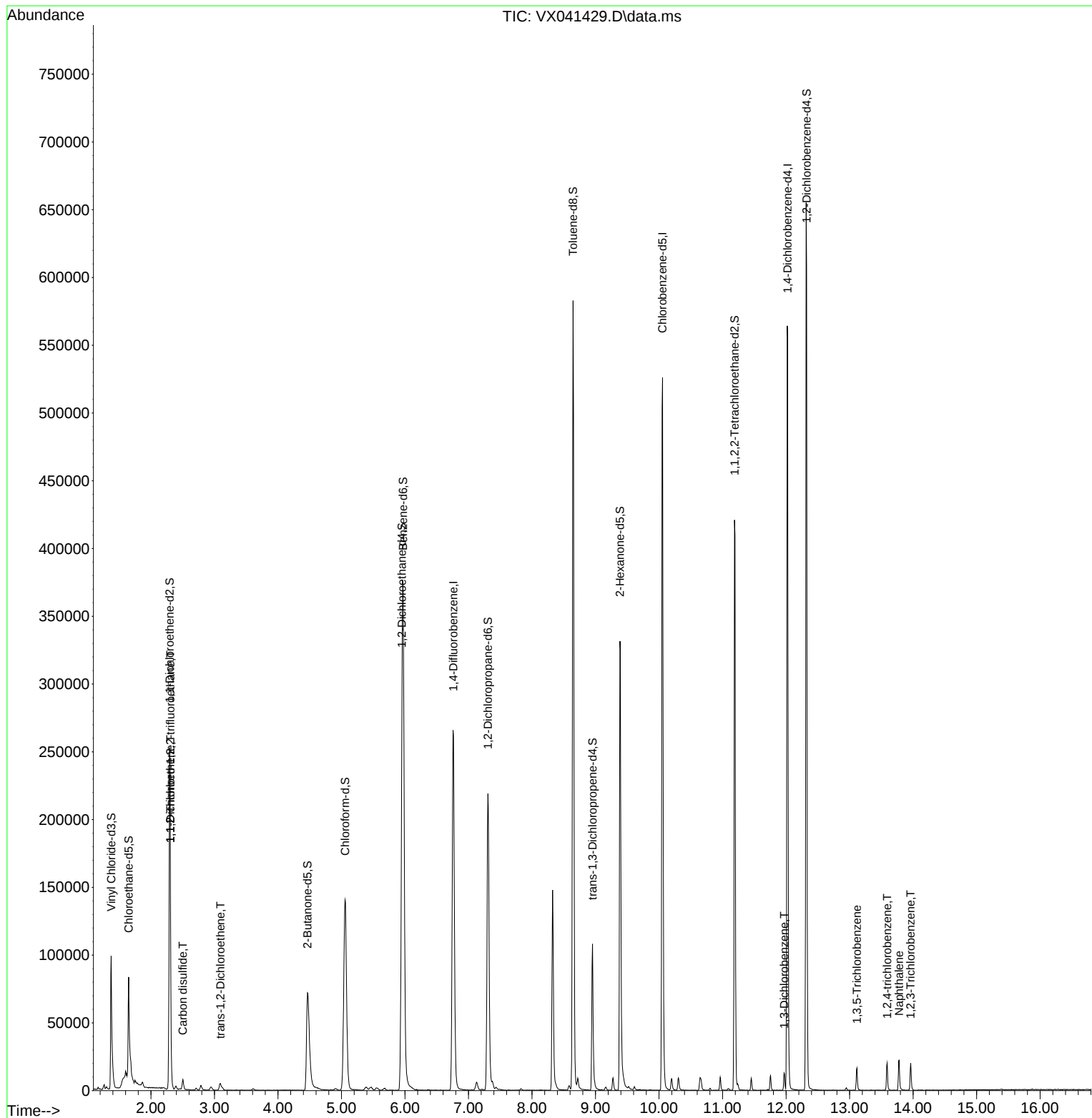
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	281330	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	258586	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129799	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	83660	52.433	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.860%
7) Chloroethane-d5	1.648	69	58366	49.858	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.720%
11) 1,1-Dichloroethene-d2	2.294	65	43716	54.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.880%
21) 2-Butanone-d5	4.465	46	138762	116.651	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.650%
24) Chloroform-d	5.056	84	182200	51.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.280%
26) 1,2-Dichloroethane-d4	5.952	65	125546	49.463	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
32) Benzene-d6	5.970	84	369482	52.303	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	7.305	67	109254	52.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.100%
41) Toluene-d8	8.647	98	348698	47.791	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.580%
43) trans-1,3-Dichloroprop...	8.951	79	50615	48.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.260%
47) 2-Hexanone-d5	9.384	63	102414	104.707	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.710%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	159845	48.390	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.780%
66) 1,2-Dichlorobenzene-d4	12.323	152	145349	54.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	2584	1.404	ug/L #	56
12) 1,1-Dichloroethene	2.306	96	2405	1.471	ug/L #	1
14) Carbon disulfide	2.501	76	9641	2.447	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	2164	1.288	ug/L	84
64) 1,3-Dichlorobenzene	11.969	146	4864	1.207	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	4941	1.643	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	5870	2.138	ug/L	98
71) Naphthalene	13.780	128	16865	2.058	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	5730	2.001	ug/L	99

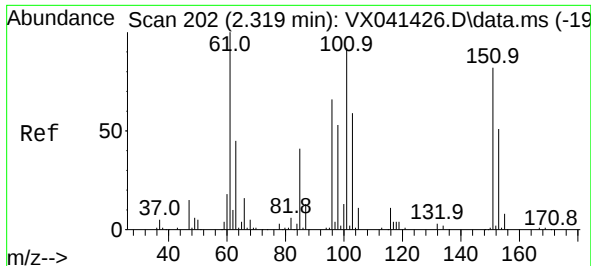
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu May 09 23:24:52 2024
Response via : Initial Calibration

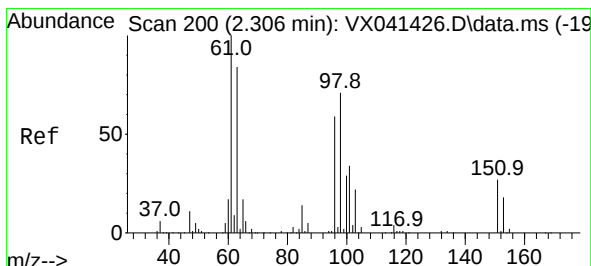
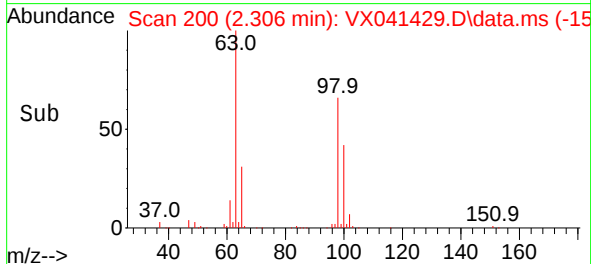
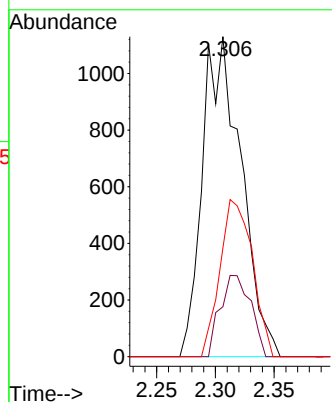
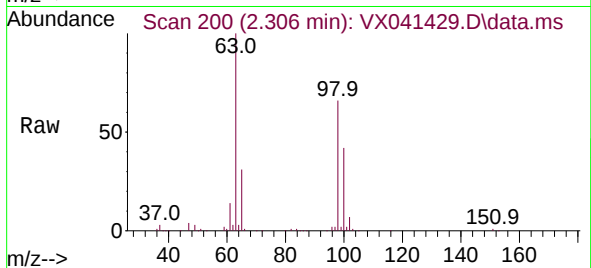




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.404 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.012 min
 Lab File: VX041429.D
 Acq: 09 May 2024 11:45

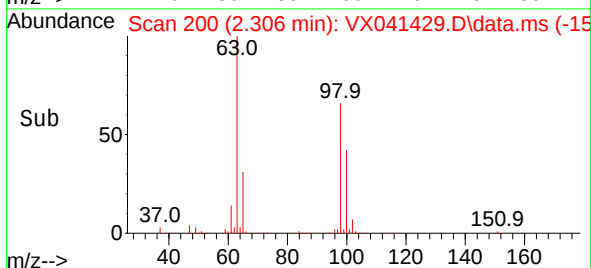
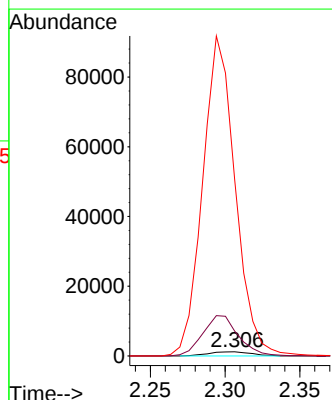
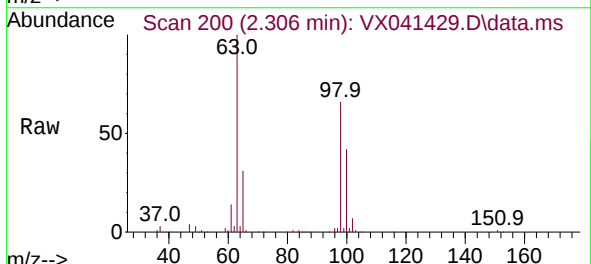
Instrument :
 MSVOA_X
 ClientSampleId :

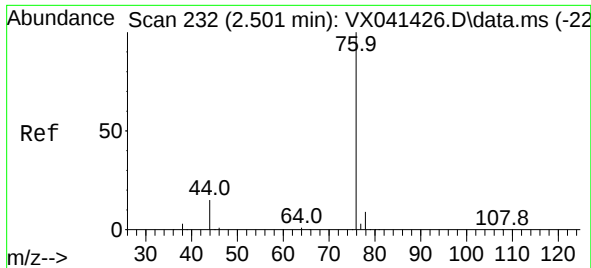
Tgt Ion:101 Resp: 2584
 Ion Ratio Lower Upper
 101 100
 85 19.9 33.4 50.2#
 151 41.3 68.7 103.1#



#12
 1,1-Dichloroethene
 Concen: 1.471 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. 0.000 min
 Lab File: VX041429.D
 Acq: 09 May 2024 11:45

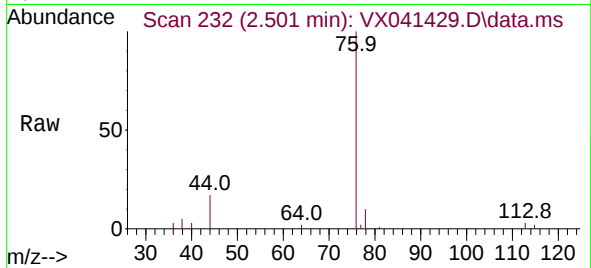
Tgt Ion: 96 Resp: 2405
 Ion Ratio Lower Upper
 96 100
 61 604.0 119.3 221.7#
 63 4287.6 100.0 185.8#



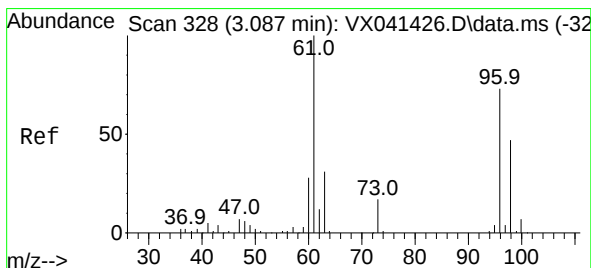
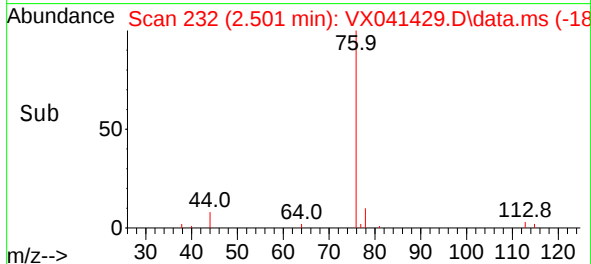
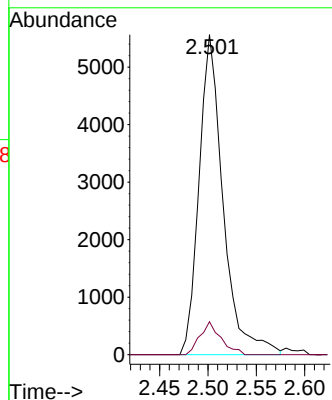


#14
Carbon disulfide
Concen: 2.447 ug/L
RT: 2.501 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX041429.D
Acq: 09 May 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :

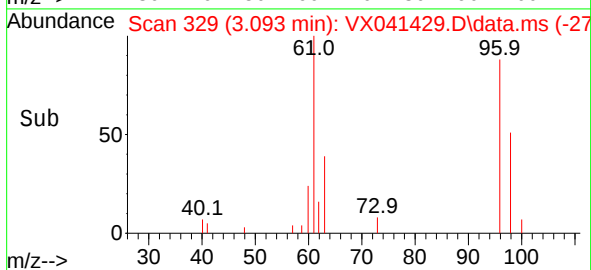
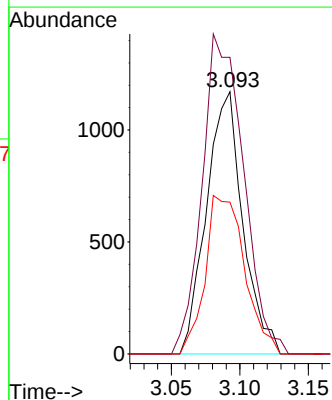
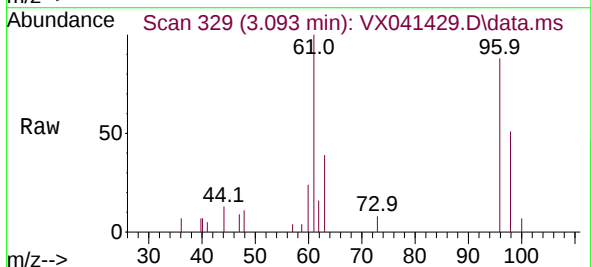


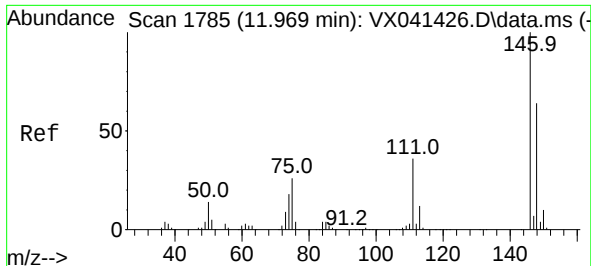
Tgt Ion: 76 Resp: 9641
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#17
trans-1,2-Dichloroethene
Concen: 1.288 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX041429.D
Acq: 09 May 2024 11:45

Tgt Ion: 96 Resp: 2164
Ion Ratio Lower Upper
96 100
61 113.2 95.8 177.8
98 57.9 44.9 83.5





#64

1,3-Dichlorobenzene

Concen: 1.207 ug/L

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

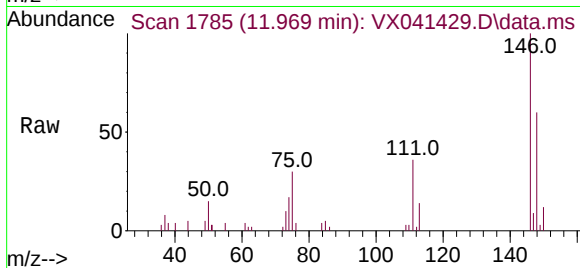
Lab File: VX041429.D

Acq: 09 May 2024 11:45

Instrument :

MSVOA_X

ClientSampleId :



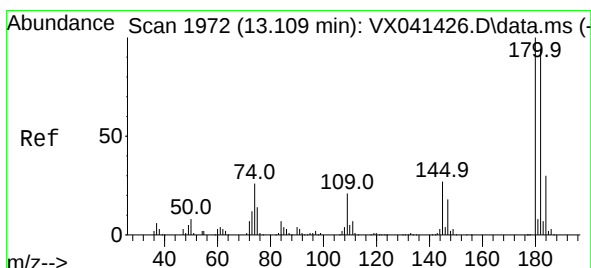
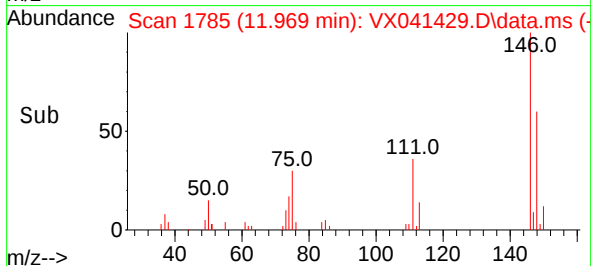
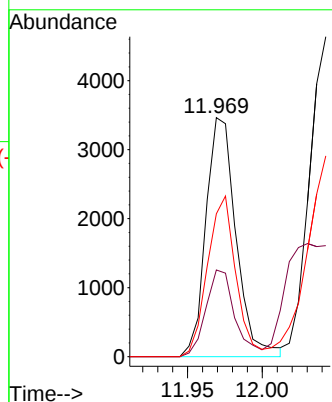
Tgt Ion:146 Resp: 4864

Ion Ratio Lower Upper

146 100

111 36.3 24.8 46.1

148 59.8 44.8 83.2



#69

1,3,5-Trichlorobenzene

Concen: 1.643 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VX041429.D

Acq: 09 May 2024 11:45

Tgt Ion:180 Resp: 4941

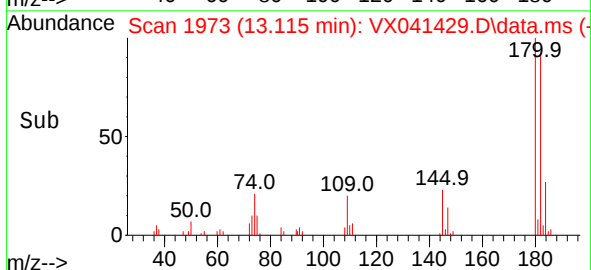
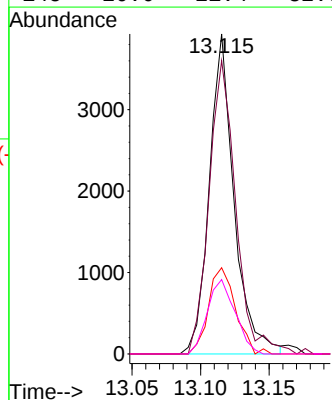
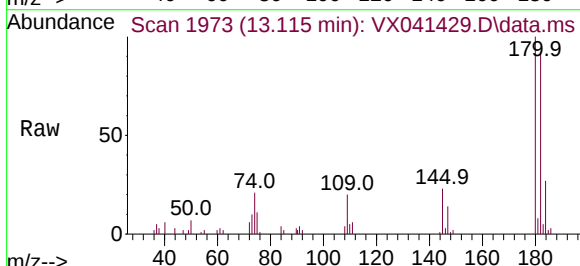
Ion Ratio Lower Upper

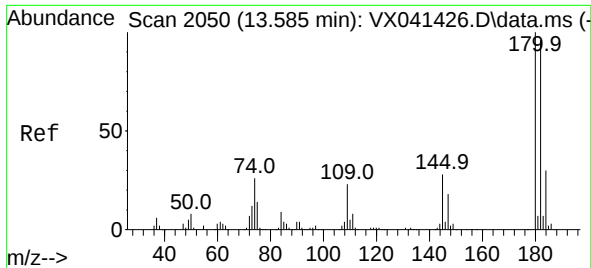
180 100

182 94.8 76.9 115.3

184 28.9 24.3 36.5

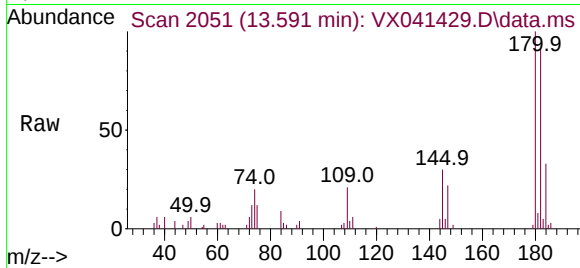
145 26.0 21.4 32.0



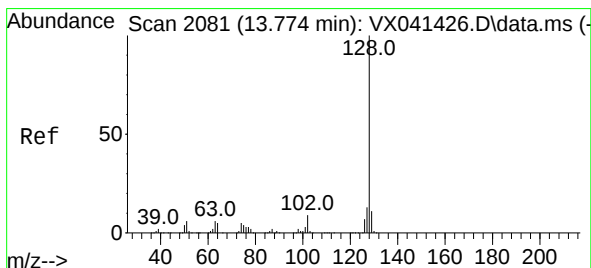
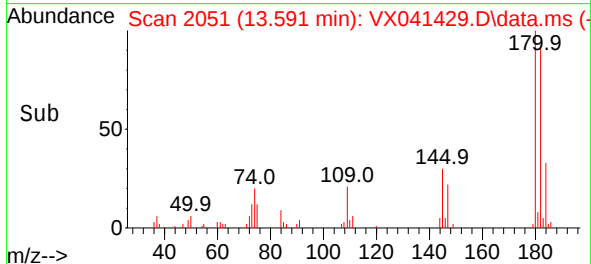
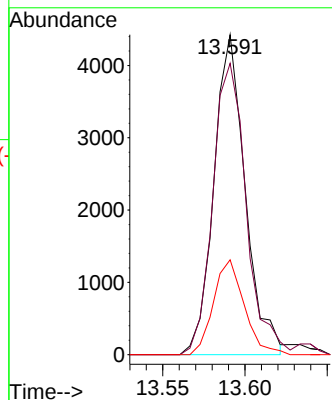


#70
1,2,4-trichlorobenzene
Concen: 2.138 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041429.D
Acq: 09 May 2024 11:45

Instrument :
MSVOA_X
ClientSampleId :

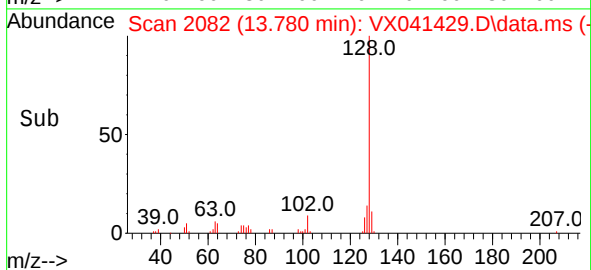
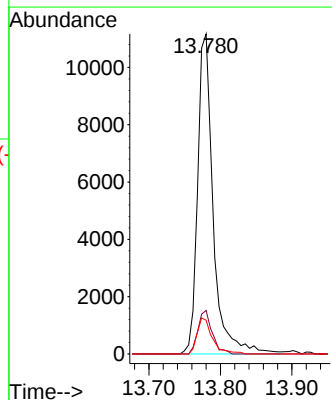
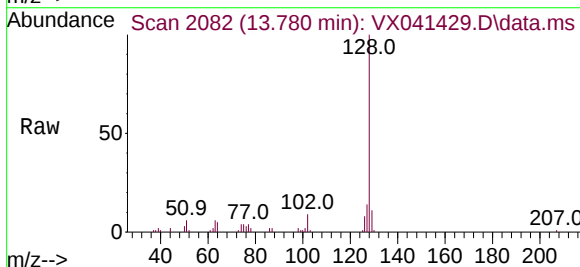


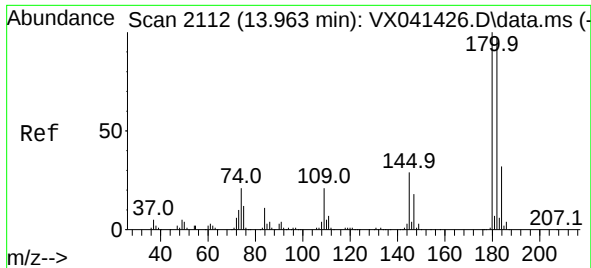
Tgt Ion:180 Resp: 5870
Ion Ratio Lower Upper
180 100
182 97.0 76.3 114.5
145 29.1 22.0 33.0



#71
Naphthalene
Concen: 2.058 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041429.D
Acq: 09 May 2024 11:45

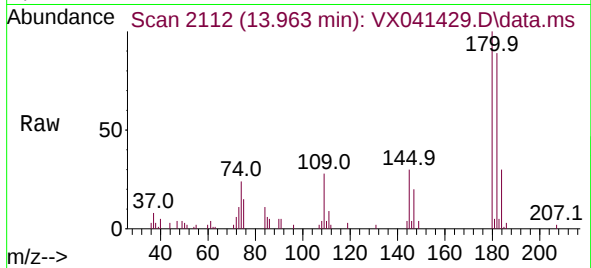
Tgt Ion:128 Resp: 16865
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 11.0 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 2.001 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX041429.D
 Acq: 09 May 2024 11:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.5	116.3
145	28.9	23.8	35.8

