

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039335.D
 Acq On : 19 Dec 2023 00:40
 Operator : JC/MD
 Sample : 05835-17 100X
 Misc : 3.82g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR7

Quant Time: Dec 19 04:22:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 22:55:37 2023
 Response via : Initial Calibration

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

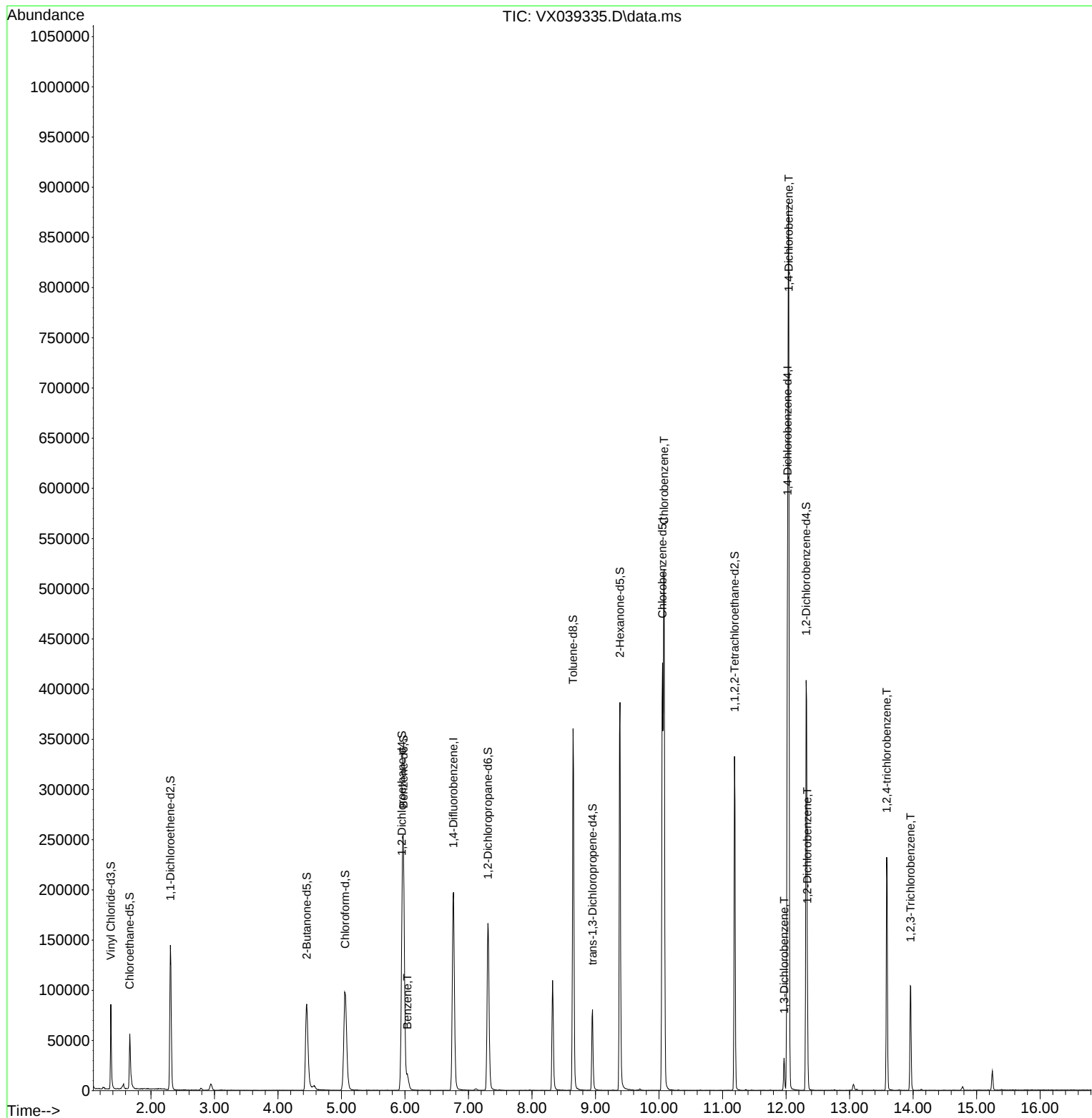
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	188468	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	172942	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81231	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	51348	34.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.480%
7) Chloroethane-d5	1.666	69	42940	39.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.306	65	26139	40.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.560%
21) 2-Butanone-d5	4.452	46	151645	113.329	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.330%
24) Chloroform-d	5.056	84	122675	46.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
26) 1,2-Dichloroethane-d4	5.952	65	91059	53.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.460%
32) Benzene-d6	5.976	84	247760	46.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
36) 1,2-Dichloropropane-d6	7.305	67	83134	48.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	8.647	98	203974	42.171	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.340%
43) trans-1,3-Dichloroprop...	8.951	79	35452	40.559	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.120%
47) 2-Hexanone-d5	9.384	63	108098	105.369	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.370%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	124586	51.130	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	73039	47.570	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.140%
Target Compounds						
					Qvalue	
33) Benzene	6.037	78	15065	2.741	ug/L	100
51) Chlorobenzene	10.079	112	210963	58.602	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	9368	3.687	ug/L	89
65) 1,4-Dichlorobenzene	12.042	146	244477	94.963	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	23411	9.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	48415	30.567	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	22416	14.616	ug/L	97

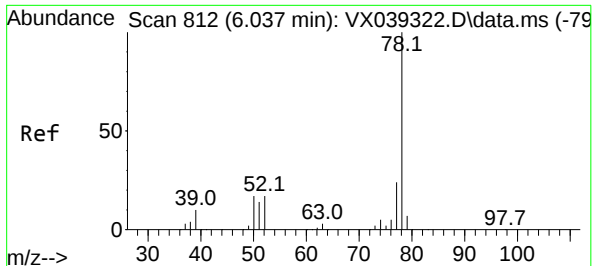
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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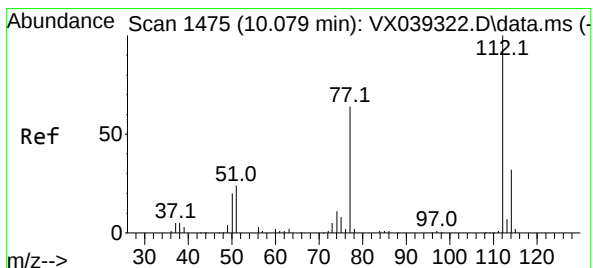
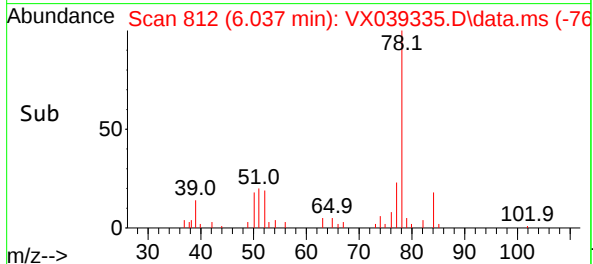
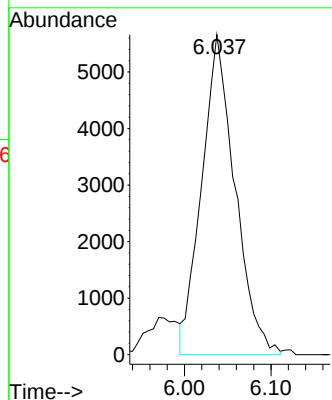
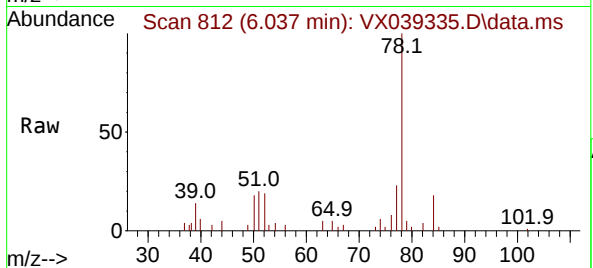




#33
Benzene
Concen: 2.741 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039335.D
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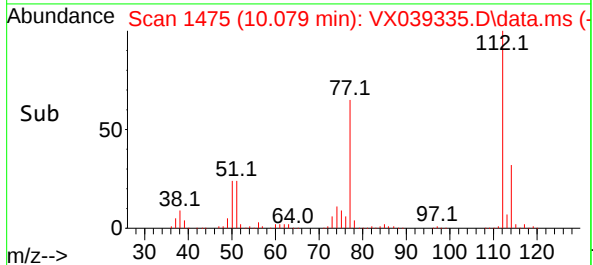
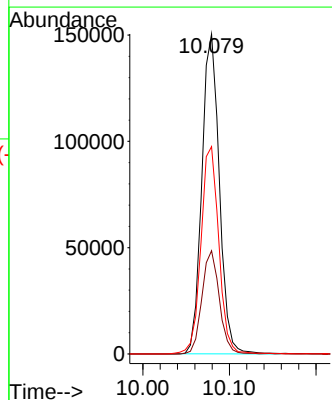
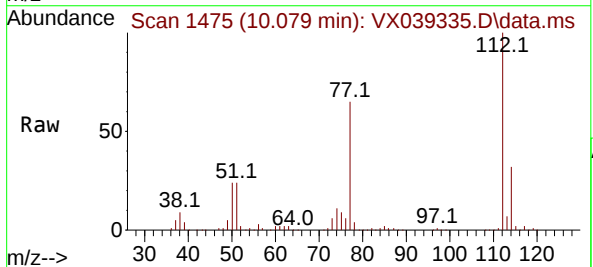
Instrument :
MSVOA_X
ClientSampleId :
C0AR7

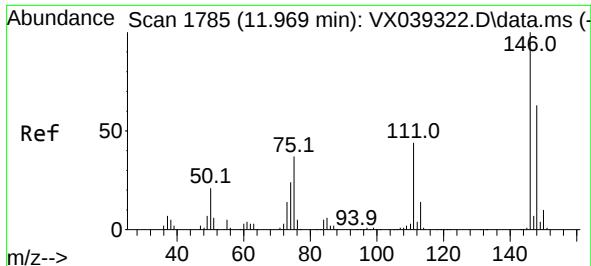
Tgt Ion: 78 Resp: 15065



#51
Chlorobenzene
Concen: 58.602 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039335.D
Acq: 19 Dec 2023 00:40

Tgt Ion:112 Resp: 210963
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.4
77 64.8 49.0 73.6

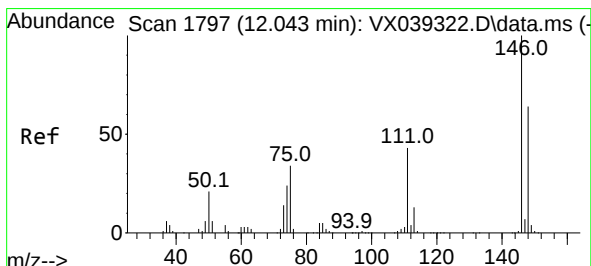
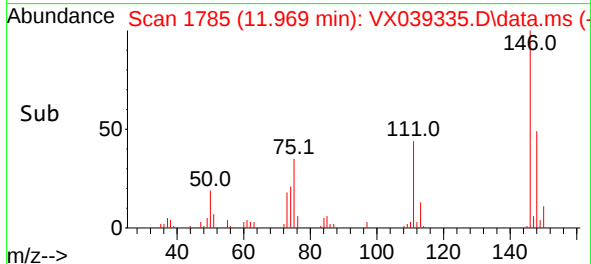
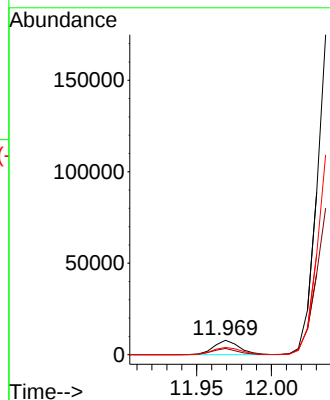
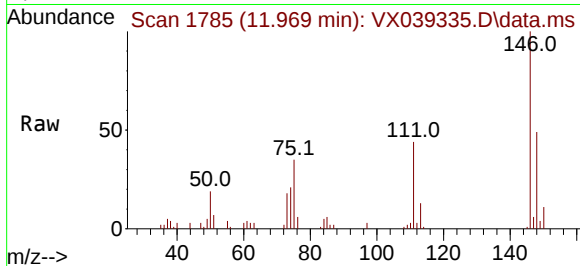




#64
1,3-Dichlorobenzene
Concen: 3.687 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039335.D
Acq: 19 Dec 2023 00:40

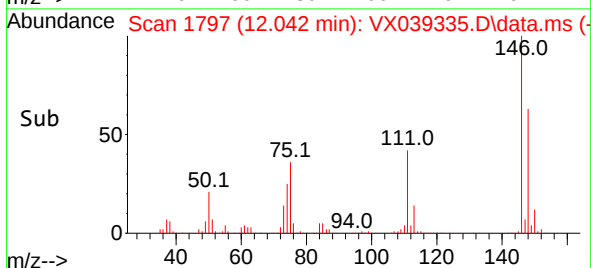
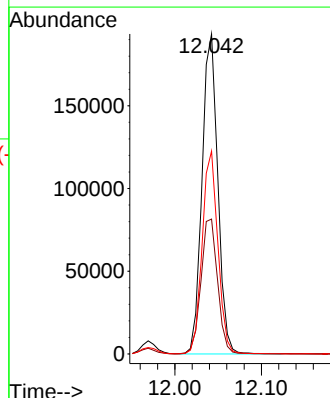
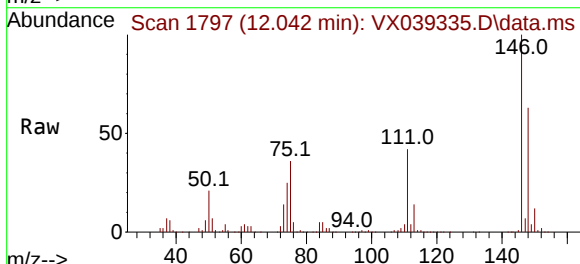
Instrument :
MSVOA_X
ClientSampleId :
C0AR7

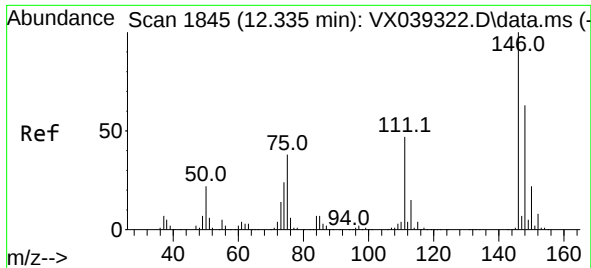
Tgt Ion:146 Resp: 9368
Ion Ratio Lower Upper
146 100
111 43.6 30.0 55.6
148 49.3 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 94.963 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039335.D
Acq: 19 Dec 2023 00:40

Tgt Ion:146 Resp: 244477
Ion Ratio Lower Upper
146 100
111 42.1 29.7 55.1
148 63.4 45.8 85.2

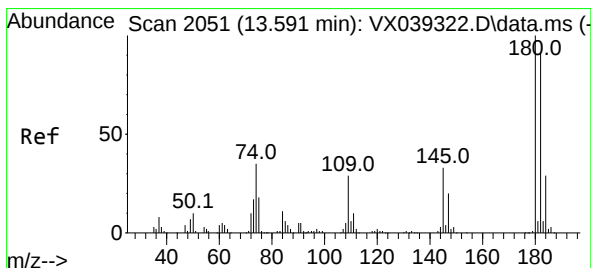
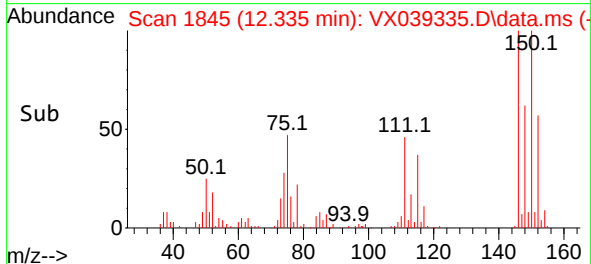
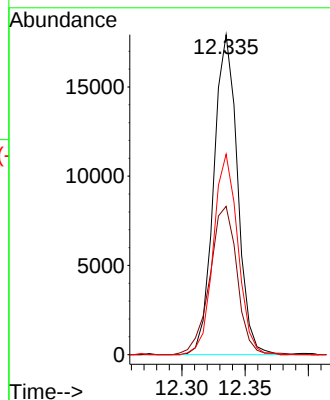
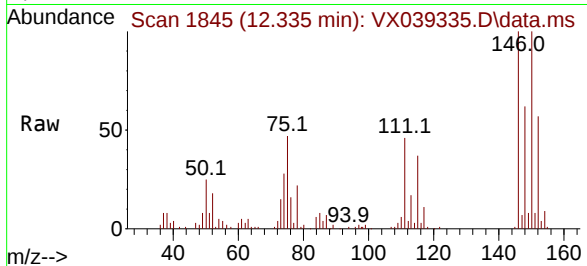




#67
 1,2-Dichlorobenzene
 Concen: 9.633 ug/L
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039335.D
 Acq: 19 Dec 2023 00:40

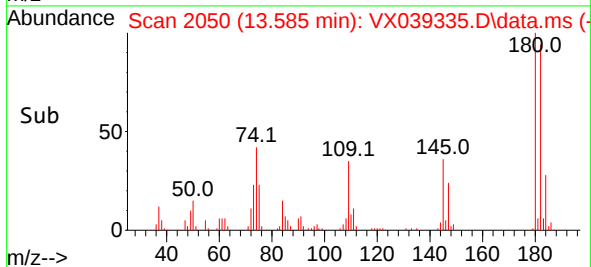
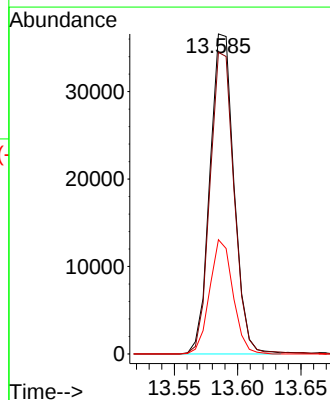
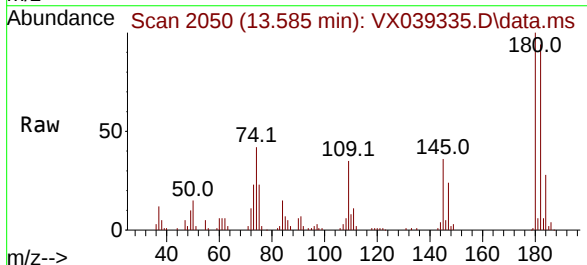
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 MSVOA_X
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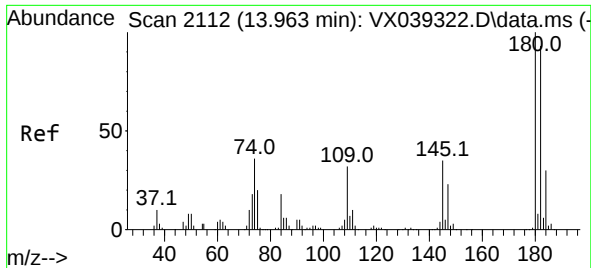
Tgt Ion:146 Resp: 23411
 Ion Ratio Lower Upper
 146 100
 111 46.4 36.4 54.6
 148 62.6 50.0 75.0



#70
 1,2,4-trichlorobenzene
 Concen: 30.567 ug/L
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX039335.D
 Acq: 19 Dec 2023 00:40

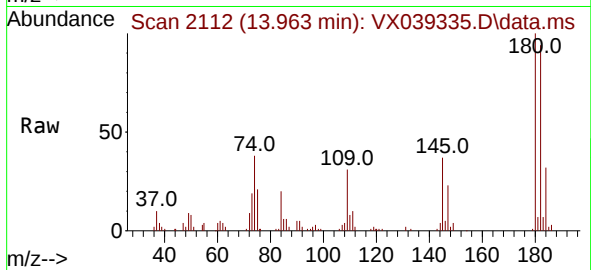
Tgt Ion:180 Resp: 48415
 Ion Ratio Lower Upper
 180 100
 182 93.7 76.8 115.2
 145 34.6 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 14.616 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039335.D
 Acq: 19 Dec 2023 00:40

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR7



Tgt Ion:	180	Resp:	22416
Ion	Ratio	Lower	Upper
180	100		
182	98.1	75.9	113.9
145	37.9	28.6	42.8

