

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039425.D
 Acq On : 21 Dec 2023 13:33
 Operator : JC/MD
 Sample : 05835-20
 Misc : 2.06g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

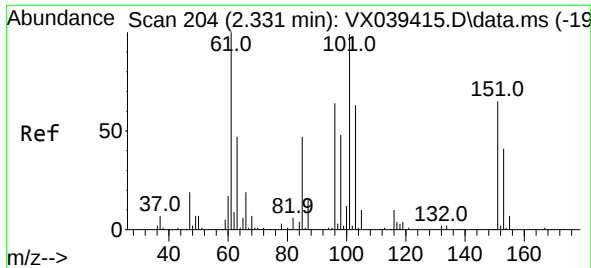
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 00:44:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	211605	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	188503	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	94405	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78906	47.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.080%
7) Chloroethane-d5	1.648	69	30403	24.783	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.560%#
11) 1,1-Dichloroethene-d2	2.288	65	39953	54.839	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.680%
21) 2-Butanone-d5	4.477	46	174735	116.306	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.310%
24) Chloroform-d	5.062	84	167013	56.844	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.680%
26) 1,2-Dichloroethane-d4	5.958	65	124122	65.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	130.460%#
32) Benzene-d6	5.970	84	350450	60.240	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.480%
36) 1,2-Dichloropropane-d6	7.306	67	115482	61.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.360%#
41) Toluene-d8	8.647	98	306520	58.140	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.280%
43) trans-1,3-Dichloroprop...	8.952	79	47675	50.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.080%
47) 2-Hexanone-d5	9.397	63	127482	114.005	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.010%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156398	58.887	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.780%
66) 1,2-Dichlorobenzene-d4	12.323	152	109965	61.625	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.240%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.294	101	1060	0.731	ug/L #	25
12) 1,1-Dichloroethene	2.288	96	1104	0.810	ug/L #	1
15) Methyl Acetate	2.715	43	31945	15.485	ug/L	100
25) Chloroform	5.080	83	3801	1.342	ug/L	96
44) trans-1,3-Dichloropropene	8.952	75	2638	1.073	ug/L #	71
48) 2-Hexanone	9.403	43	16495	7.078	ug/L #	67
51) Chlorobenzene	10.079	112	6438	1.641	ug/L #	85
65) 1,4-Dichlorobenzene	12.043	146	8806	2.943	ug/L	95
69) 1,3,5-Trichlorobenzene	13.591	180	2373	1.215	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	2373	1.289	ug/L	93
72) 1,2,3-Trichlorobenzene	13.591	180	2373	1.331	ug/L	95

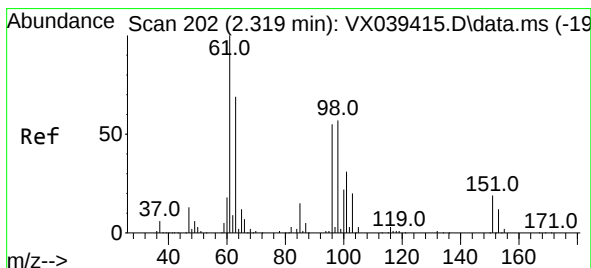
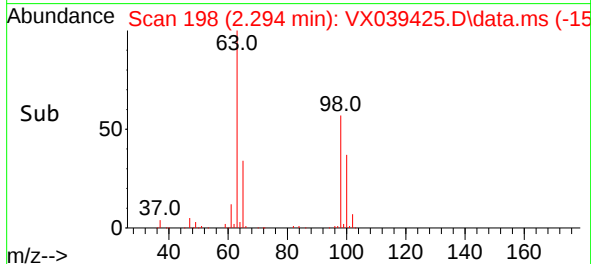
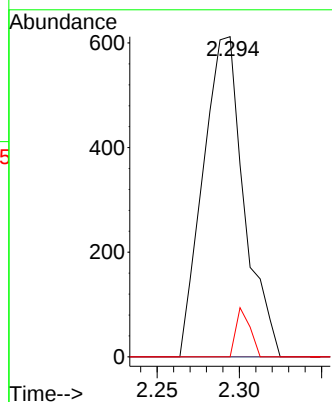
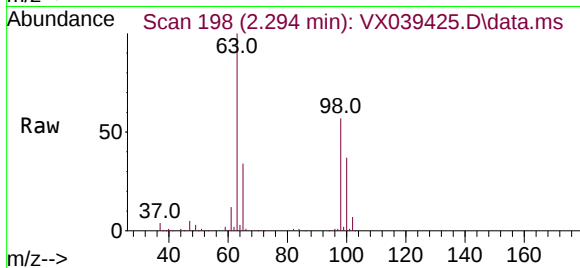
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.731 ug/L
 RT: 2.294 min Scan# 197
 Delta R.T. -0.036 min
 Lab File: VX039425.D
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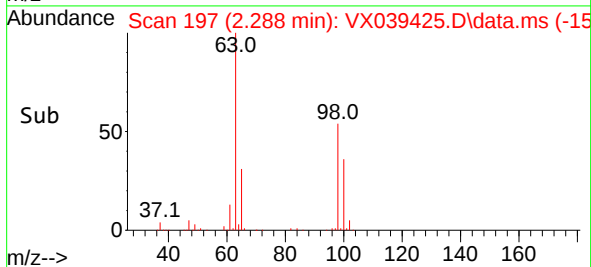
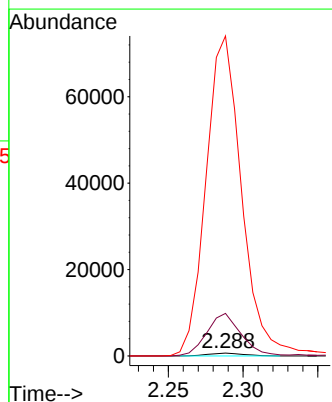
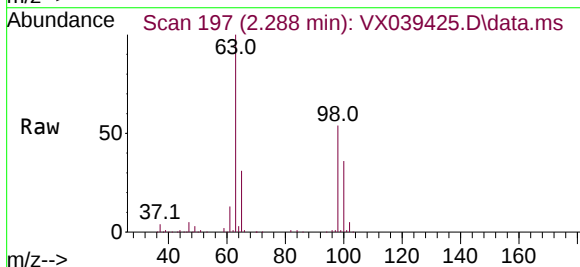
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 MSVOA_X
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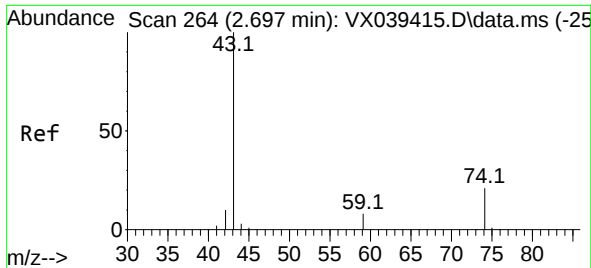
Tgt Ion:101 Resp: 1060
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 5.2 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.810 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.030 min
 Lab File: VX039425.D
 Acq: 21 Dec 2023 13:33

Tgt Ion: 96 Resp: 1104
 Ion Ratio Lower Upper
 96 100
 61 1479.9 128.0 237.6#
 63 11107.6 101.5 188.5#

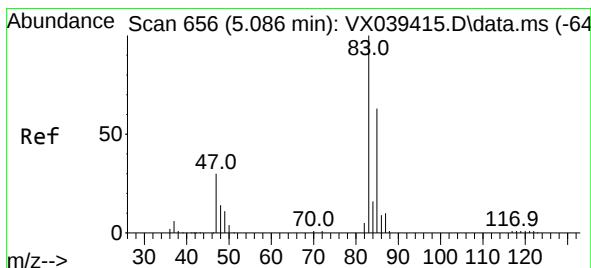
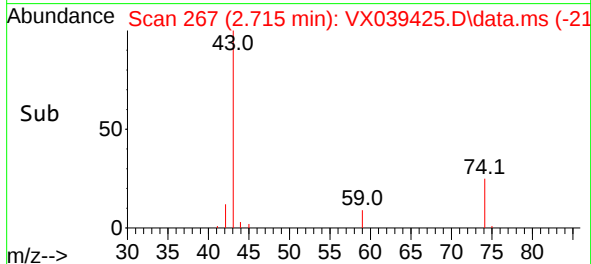
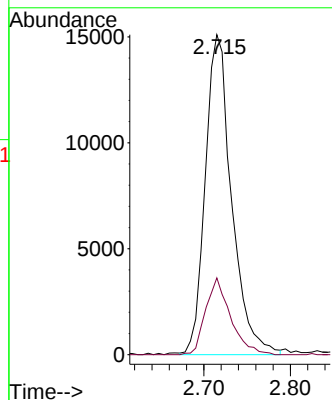
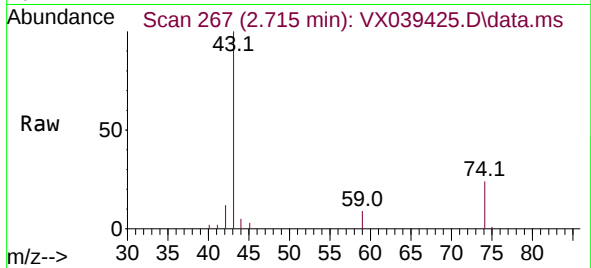




#15
Methyl Acetate
Concen: 15.485 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX039425.D
Acq: 21 Dec 2023 13:33

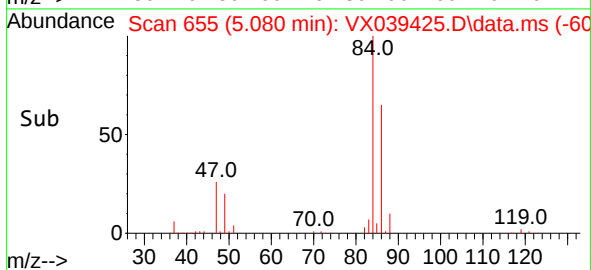
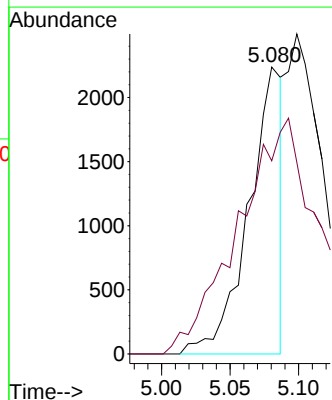
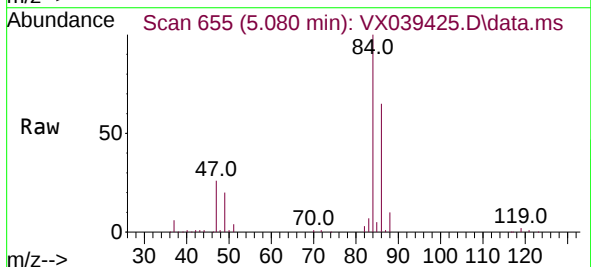
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ClientSampleId :

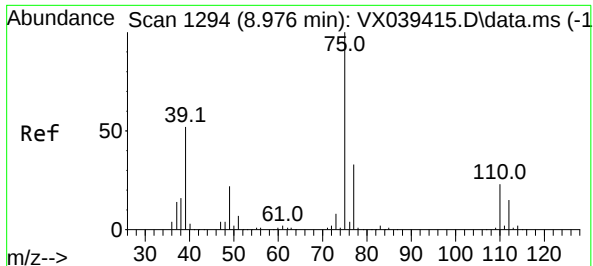
Tgt Ion: 43 Resp: 31945
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4



#25
Chloroform
Concen: 1.342 ug/L
RT: 5.080 min Scan# 655
Delta R.T. -0.006 min
Lab File: VX039425.D
Acq: 21 Dec 2023 13:33

Tgt Ion: 83 Resp: 3801
Ion Ratio Lower Upper
83 100
85 67.3 45.1 83.7

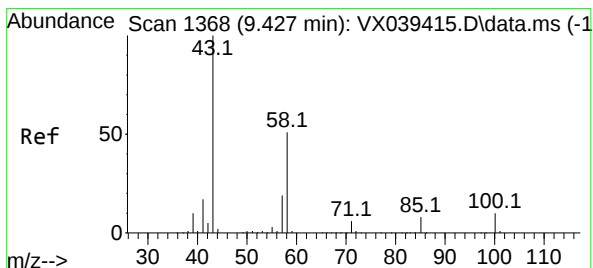
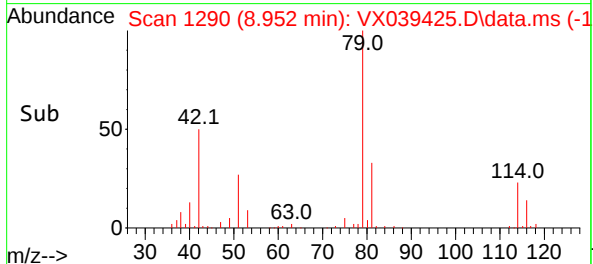
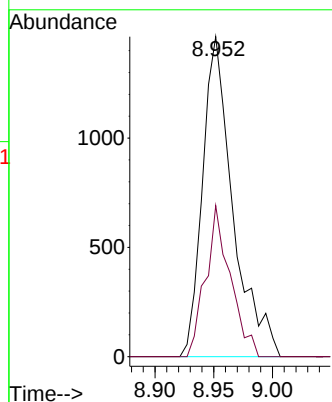
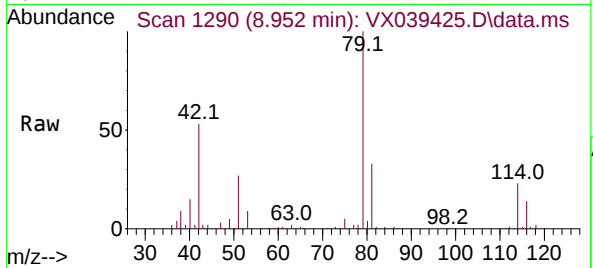




#44
trans-1,3-Dichloropropene
Concen: 1.073 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039425.D
Acq: 21 Dec 2023 13:33

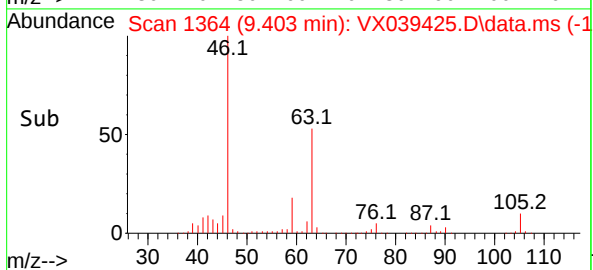
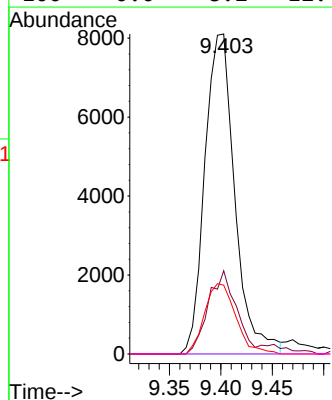
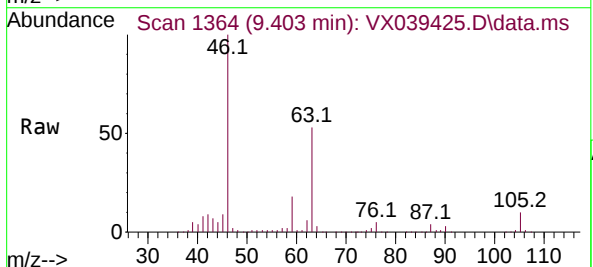
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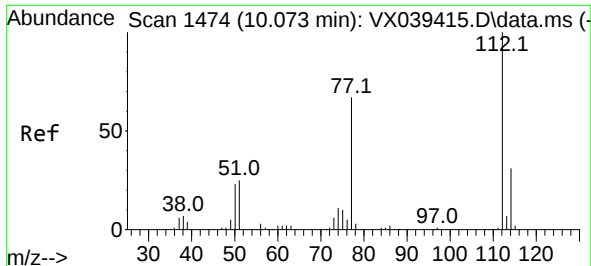
Tgt Ion: 75 Resp: 2638
Ion Ratio Lower Upper
75 100
77 47.2 22.0 40.8#



#48
2-Hexanone
Concen: 7.078 ug/L
RT: 9.403 min Scan# 1364
Delta R.T. -0.024 min
Lab File: VX039425.D
Acq: 21 Dec 2023 13:33

Tgt Ion: 43 Resp: 16495
Ion Ratio Lower Upper
43 100
58 24.2 43.0 64.6#
57 22.8 14.6 21.8#
100 0.0 8.2 12.4#

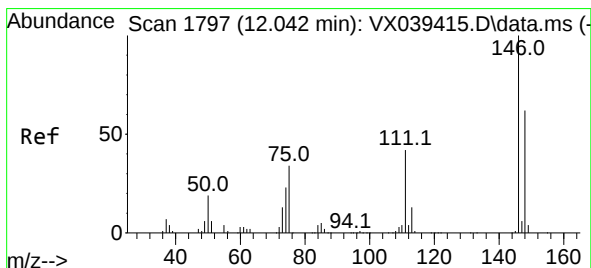
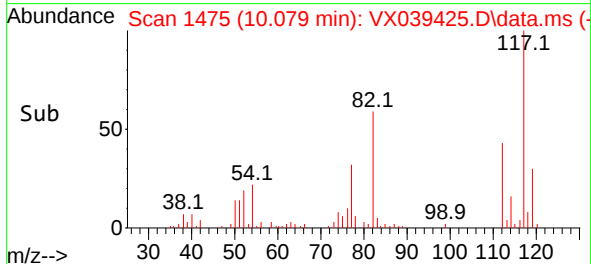
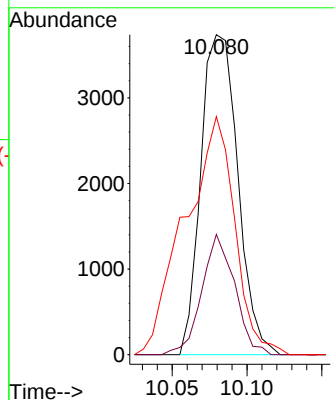
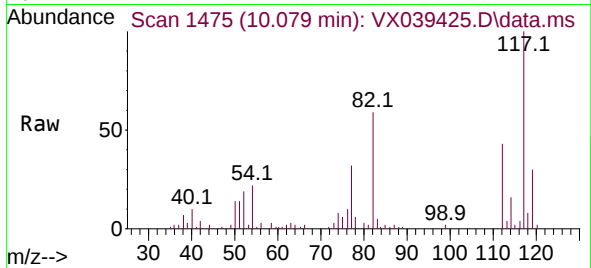




#51
Chlorobenzene
Concen: 1.641 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039425.D
Acq: 21 Dec 2023 13:33

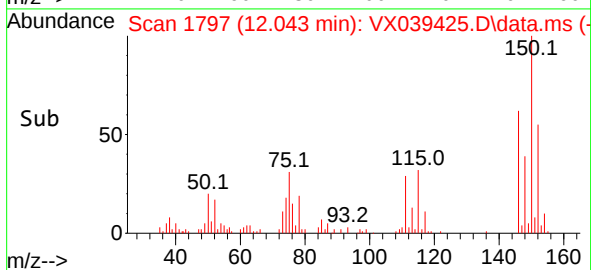
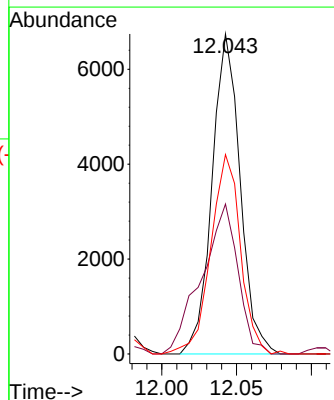
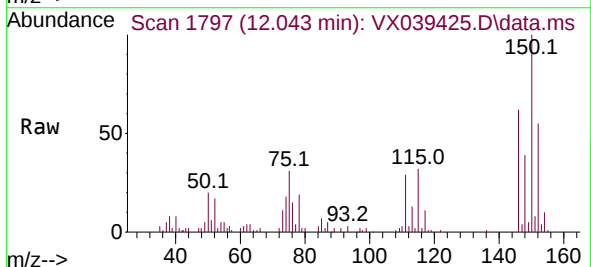
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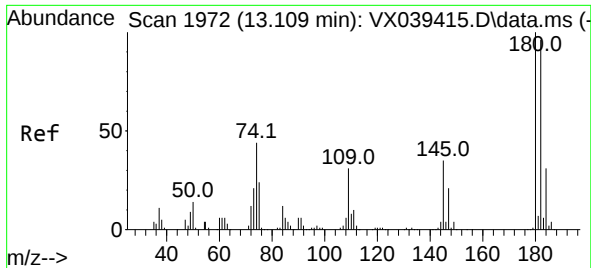
Tgt Ion:112 Resp: 6438
Ion Ratio Lower Upper
112 100
114 37.6 21.8 40.4
77 74.4 49.0 73.6#



#65
1,4-Dichlorobenzene
Concen: 2.943 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039425.D
Acq: 21 Dec 2023 13:33

Tgt Ion:146 Resp: 8806
Ion Ratio Lower Upper
146 100
111 46.9 29.7 55.1
148 62.3 45.8 85.2

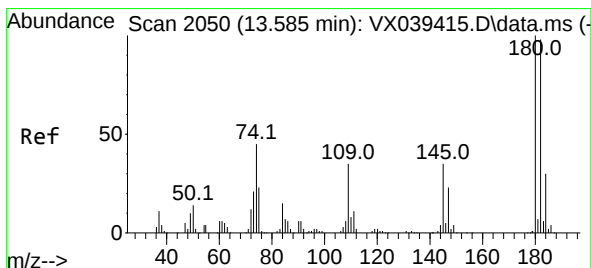
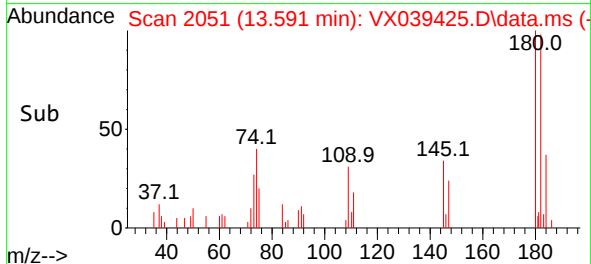
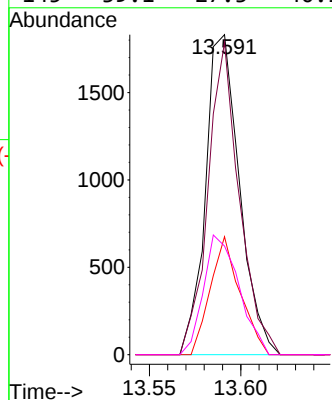
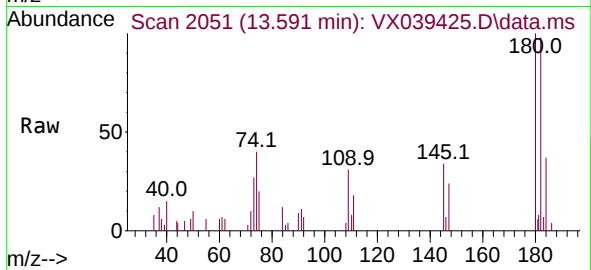




#69
 1,3,5-Trichlorobenzene
 Concen: 1.215 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX039425.D
 Acq: 21 Dec 2023 13:33

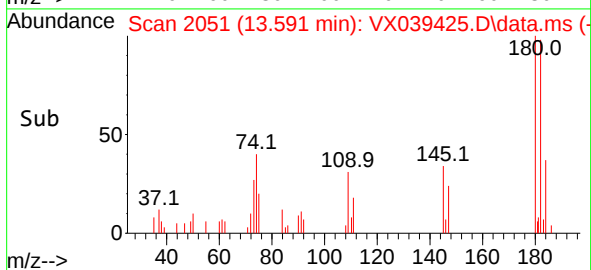
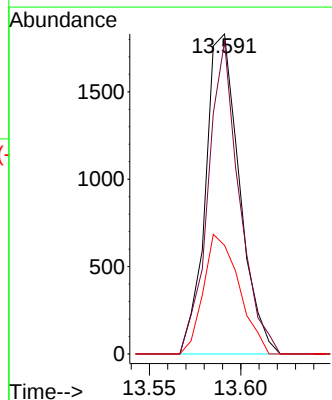
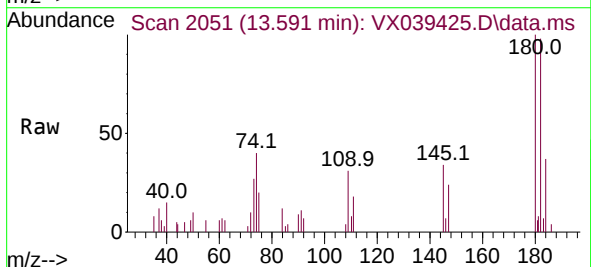
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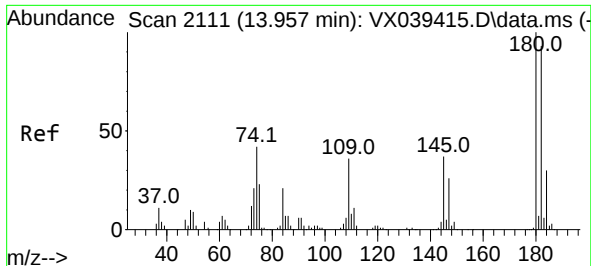
Tgt Ion:180	Resp:	2373
Ion Ratio	Lower	Upper
180	100	
182	89.8	76.1 114.1
184	32.4	24.1 36.1
145	39.1	27.3 40.9



#70
 1,2,4-trichlorobenzene
 Concen: 1.289 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX039425.D
 Acq: 21 Dec 2023 13:33

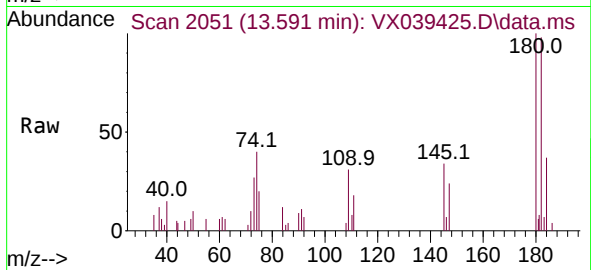
Tgt Ion:180	Resp:	2373
Ion Ratio	Lower	Upper
180	100	
182	89.8	76.8 115.2
145	39.1	27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 1.331 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.366 min
 Lab File: VX039425.D
 Acq: 21 Dec 2023 13:33

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	2373
Ion	Ratio	Lower	Upper
180	100		
182	89.8	75.9	113.9
145	39.1	28.6	42.8

