

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039372.D
 Acq On : 19 Dec 2023 21:15
 Operator : JC/MD
 Sample : 05807-11ME
 Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:20:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

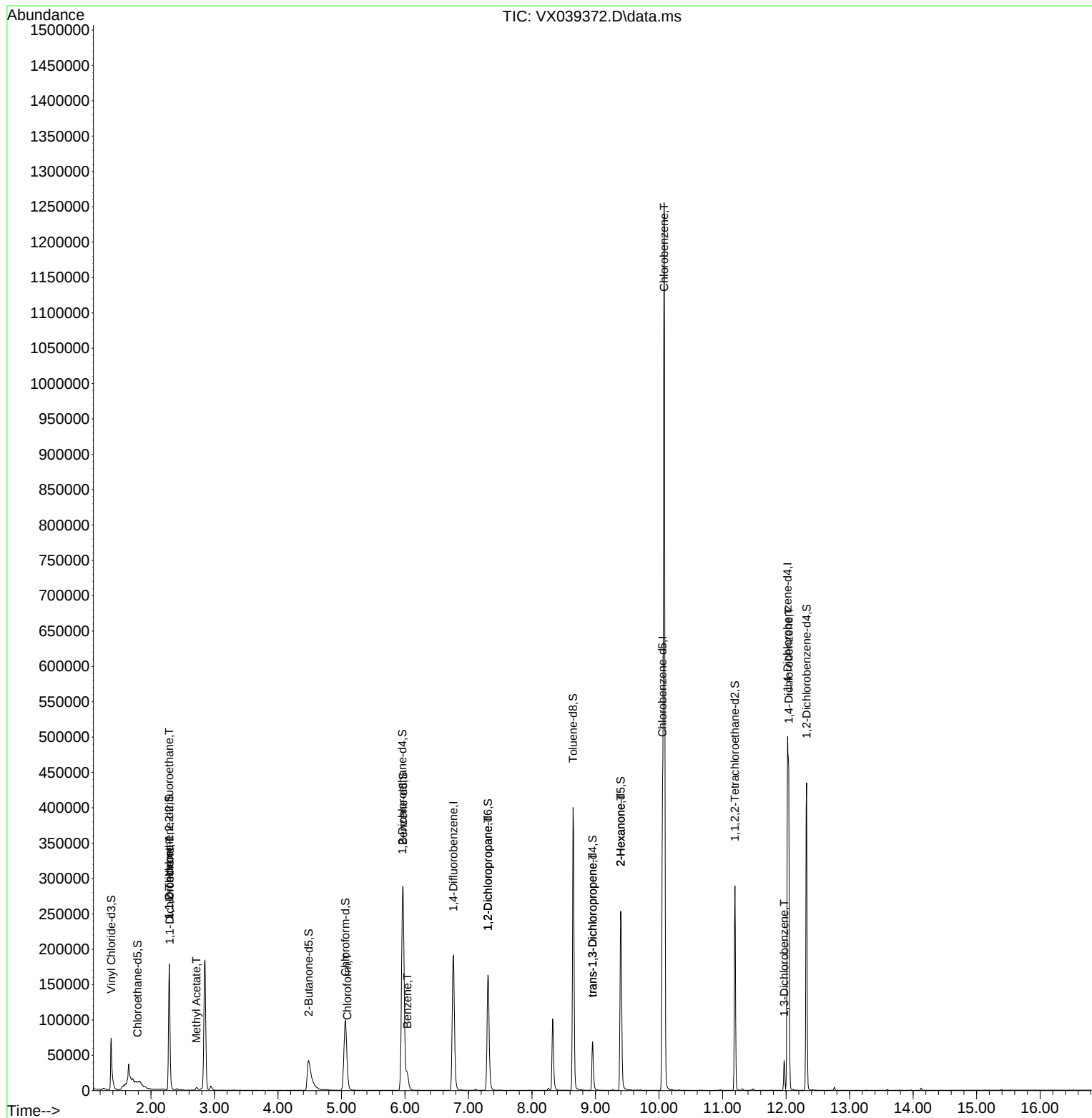
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	192962	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	176320	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	86417	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	70502	46.582	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.160%		
7) Chloroethane-d5	1.788	69	215	0.192	ug/L	0.12
Spiked Amount 50.000	Range 70 - 130		Recovery =	0.380%#		
11) 1,1-Dichloroethene-d2	2.288	65	33070	49.777	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.560%		
21) 2-Butanone-d5	4.483	46	124525	90.894	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.890%		
24) Chloroform-d	5.062	84	126856	47.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.700%		
26) 1,2-Dichloroethane-d4	5.958	65	93395	53.825	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.660%		
32) Benzene-d6	5.970	84	273707	50.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.600%		
36) 1,2-Dichloropropane-d6	7.305	67	86721	49.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.040%		
41) Toluene-d8	8.646	98	238143	48.292	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.580%		
43) trans-1,3-Dichloroprop...	8.951	79	34942	39.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.420%		
47) 2-Hexanone-d5	9.396	63	90652	86.670	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.670%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	111280	44.794	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.580%		
66) 1,2-Dichlorobenzene-d4	12.323	152	79421	48.622	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.240%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	976	0.739	ug/L #	21
12) 1,1-Dichloroethene	2.294	96	812	0.653	ug/L #	1
15) Methyl Acetate	2.715	43	5932	3.153	ug/L	95
25) Chloroform	5.092	83	4972	1.925	ug/L	93
33) Benzene	6.037	78	28504	5.087	ug/L	100
37) 1,2-Dichloropropane	7.305	63	9933	6.392	ug/L #	89
44) trans-1,3-Dichloropropene	8.951	75	2098	0.912	ug/L #	75
48) 2-Hexanone	9.396	43	12102	5.552	ug/L #	67
51) Chlorobenzene	10.079	112	523382	142.601	ug/L	95
64) 1,3-Dichlorobenzene	11.969	146	12423	4.596	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	119174	43.513	ug/L	98

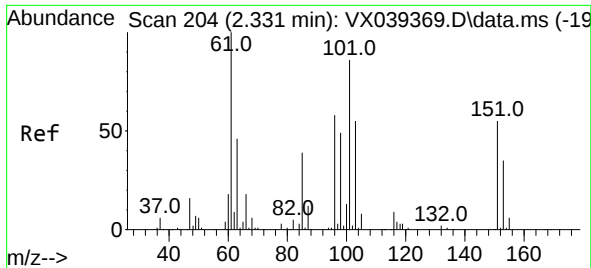
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

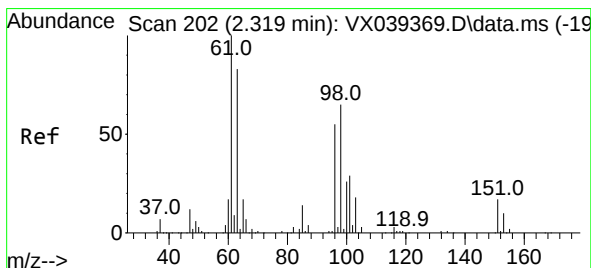
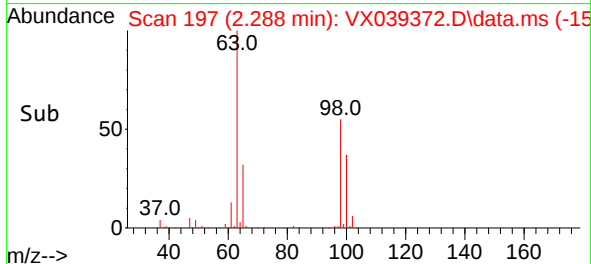
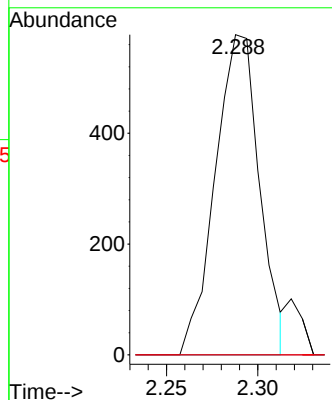
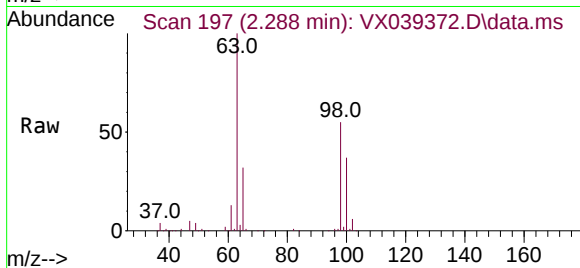




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.739 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.043 min
 Lab File: VX039372.D
 Acq: 19 Dec 2023 21:15

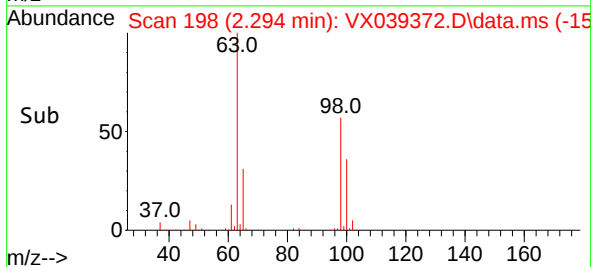
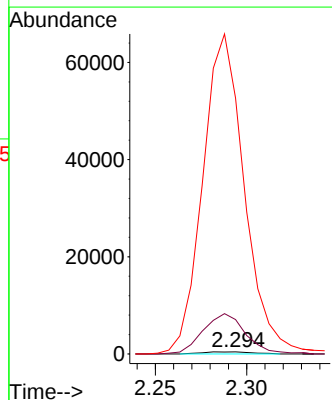
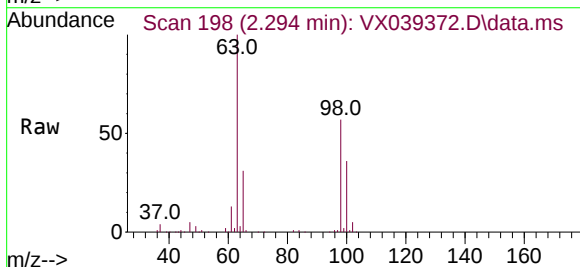
Instrument :
 MSVOA_X
 ClientSampleId :

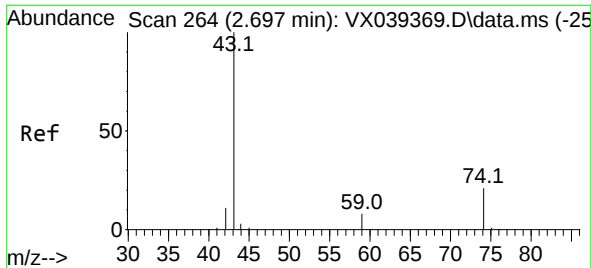
Tgt Ion:101 Resp: 976
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 0.0 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.653 ug/L
 RT: 2.294 min Scan# 198
 Delta R.T. -0.025 min
 Lab File: VX039372.D
 Acq: 19 Dec 2023 21:15

Tgt Ion: 96 Resp: 812
 Ion Ratio Lower Upper
 96 100
 61 1610.9 128.0 237.6#
 63 11994.5 101.5 188.5#

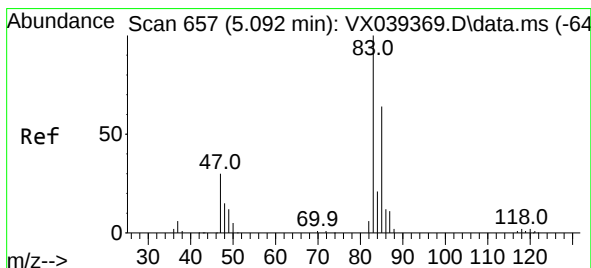
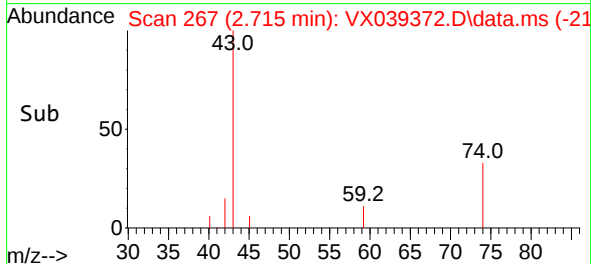
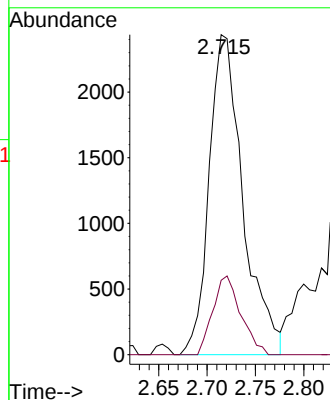
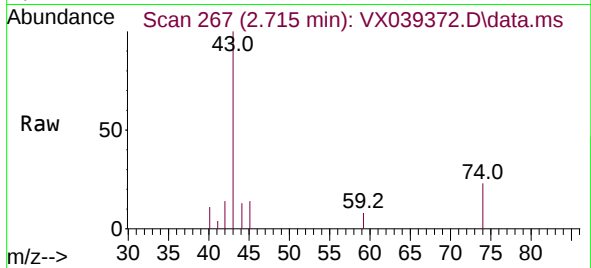




#15
Methyl Acetate
Concen: 3.153 ug/L
RT: 2.715 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX039372.D
Acq: 19 Dec 2023 21:15

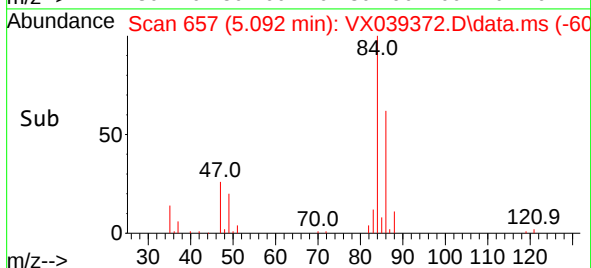
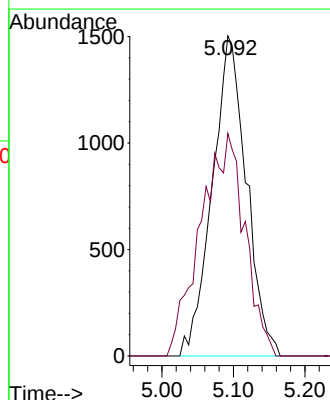
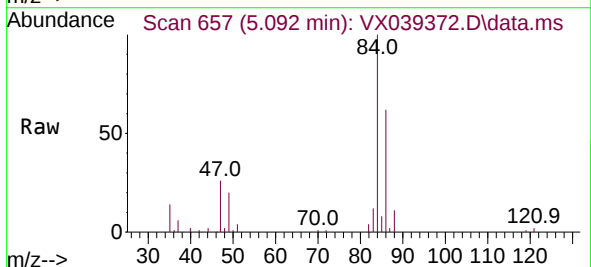
Instrument :
MSVOA_X
ClientSampleId :

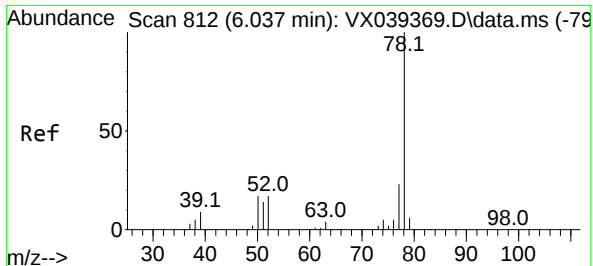
Tgt Ion: 43 Resp: 5932
Ion Ratio Lower Upper
43 100
74 20.3 18.2 27.4



#25
Chloroform
Concen: 1.925 ug/L
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX039372.D
Acq: 19 Dec 2023 21:15

Tgt Ion: 83 Resp: 4972
Ion Ratio Lower Upper
83 100
85 69.5 45.1 83.7

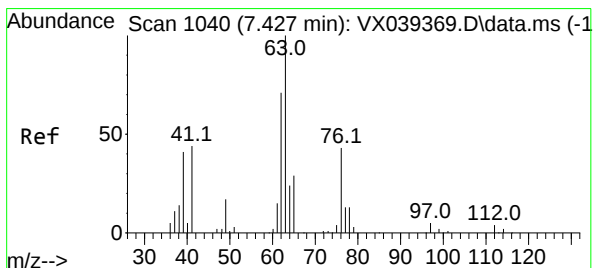
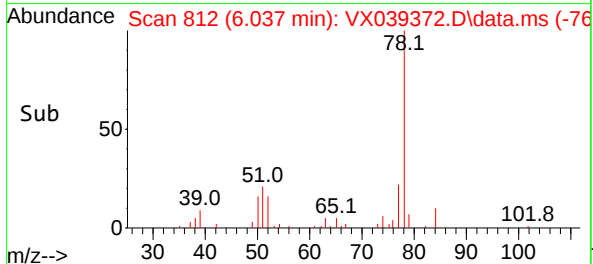
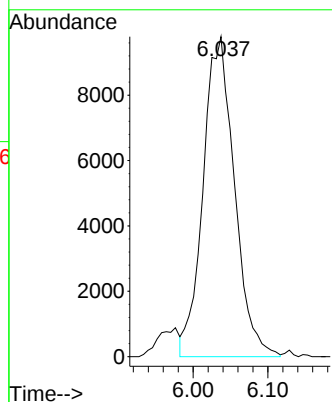
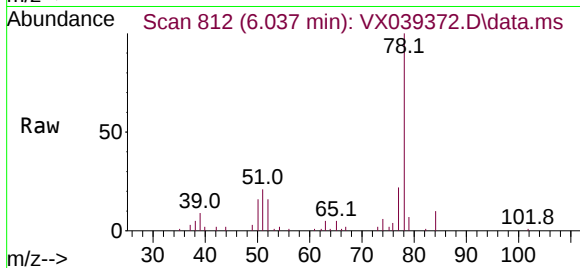




#33
Benzene
Concen: 5.087 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039372.D
Acq: 19 Dec 2023 21:15

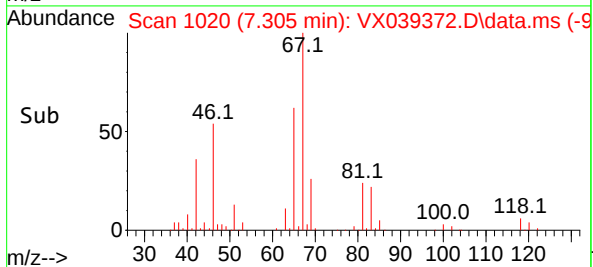
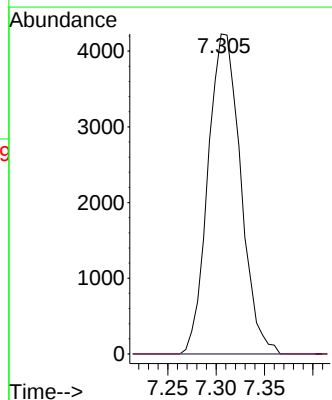
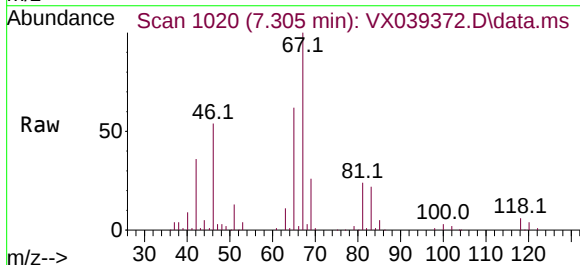
Instrument :
MSVOA_X
ClientSampleId :

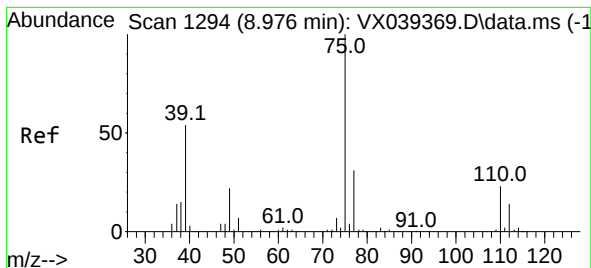
Tgt Ion: 78 Resp: 28504



#37
1,2-Dichloropropane
Concen: 6.392 ug/L
RT: 7.305 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX039372.D
Acq: 19 Dec 2023 21:15

Tgt Ion: 63 Resp: 9933
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#44

trans-1,3-Dichloropropene

Concen: 0.912 ug/L

RT: 8.951 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX039372.D

Acq: 19 Dec 2023 21:15

Instrument :

MSVOA_X

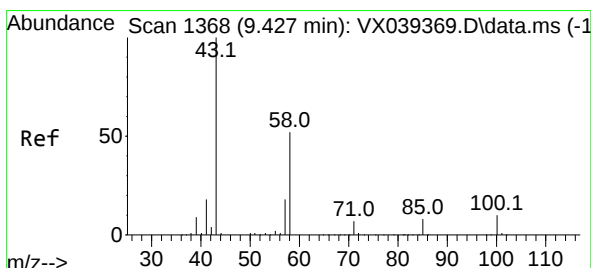
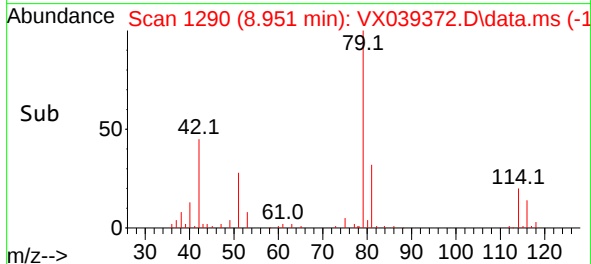
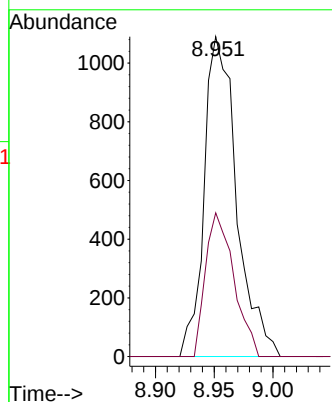
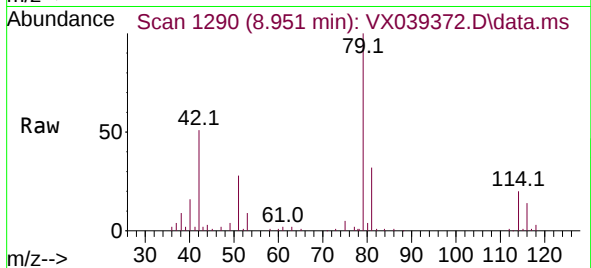
ClientSampleId :

Tgt Ion: 75 Resp: 2098

Ion Ratio Lower Upper

75 100

77 45.0 22.0 40.8#



#48

2-Hexanone

Concen: 5.552 ug/L

RT: 9.396 min Scan# 1363

Delta R.T. -0.031 min

Lab File: VX039372.D

Acq: 19 Dec 2023 21:15

Tgt Ion: 43 Resp: 12102

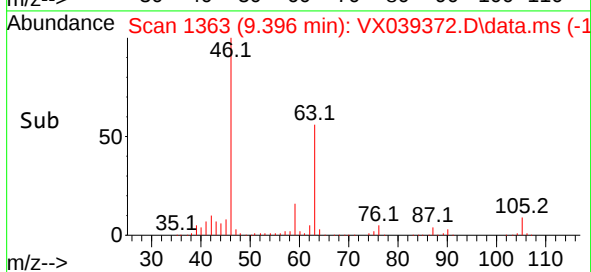
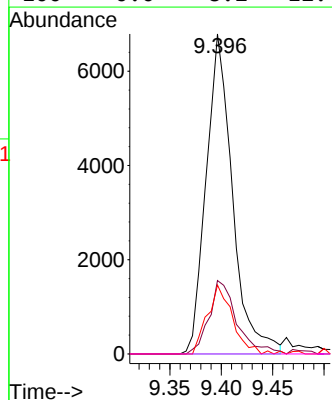
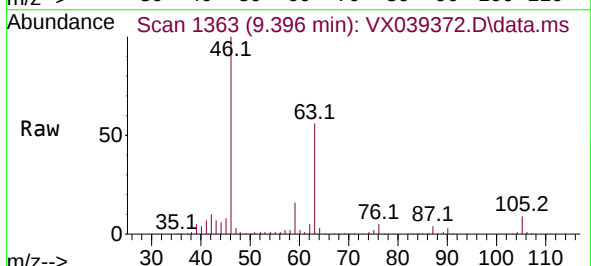
Ion Ratio Lower Upper

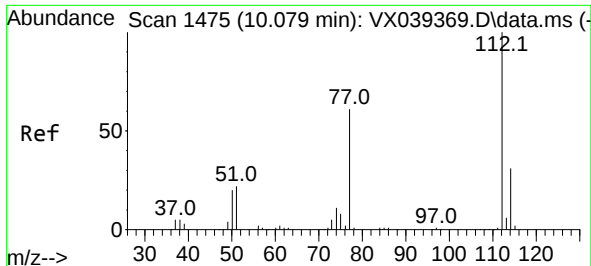
43 100

58 23.2 43.0 64.6#

57 20.4 14.6 21.8

100 0.0 8.2 12.4#

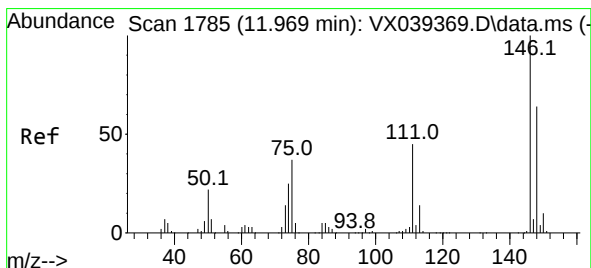
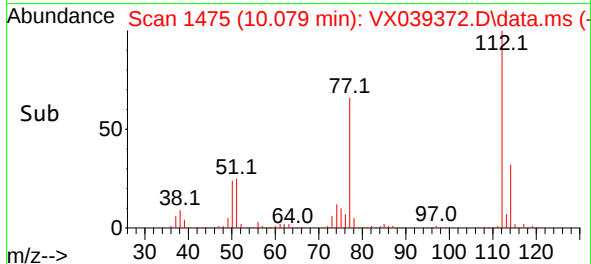
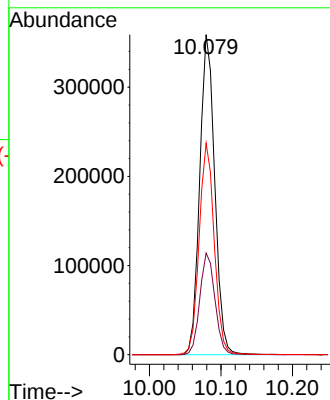
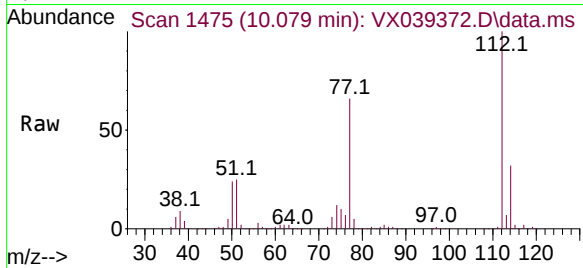




#51
Chlorobenzene
Concen: 142.601 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039372.D
Acq: 19 Dec 2023 21:15

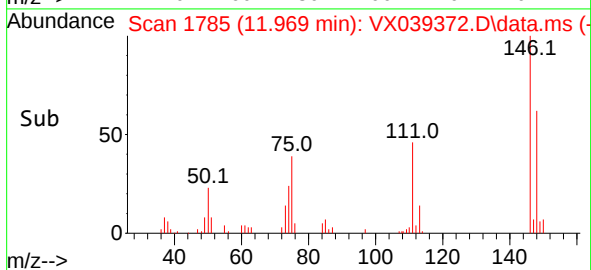
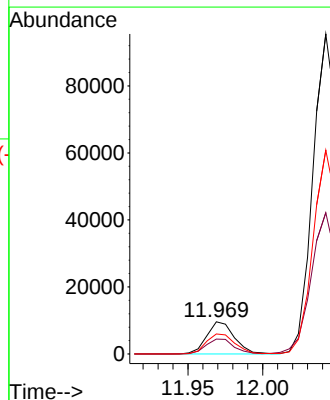
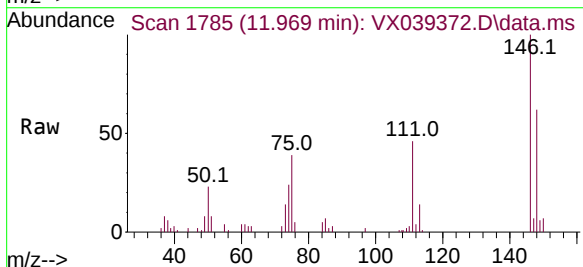
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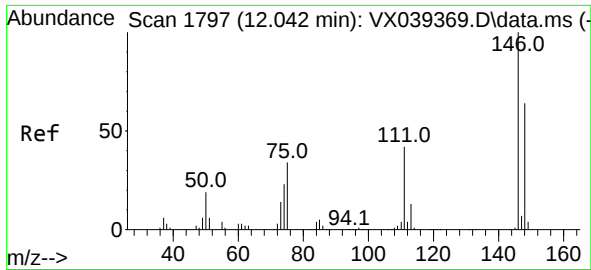
Tgt Ion:112 Resp: 523382
Ion Ratio Lower Upper
112 100
114 31.8 21.8 40.4
77 66.1 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 4.596 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039372.D
Acq: 19 Dec 2023 21:15

Tgt Ion:146 Resp: 12423
Ion Ratio Lower Upper
146 100
111 45.9 30.0 55.6
148 61.8 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 43.513 ug/L

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

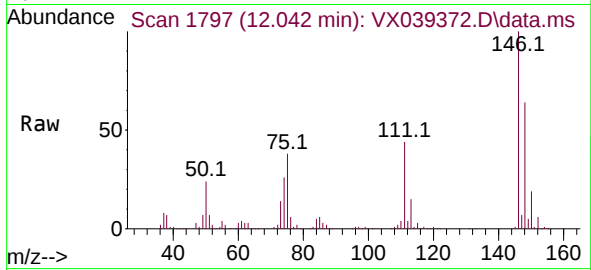
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Acq: 19 Dec 2023 21:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:146 Resp: 119174

Ion Ratio Lower Upper

146 100

111 44.1 29.7 55.1

148 63.7 45.8 85.2

