

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
 Data File : VX024870.D
 Acq On : 22 Oct 2021 14:38
 Operator : JC/MD
 Sample : M4291-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 03:54:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 03:44:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	67720	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	60573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	29308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11674	5.872	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.400%	
7) Chloroethane-d5	1.672	69	10176	5.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.600%	
11) 1,1-Dichloroethene-d2	2.306	63	32189	4.343	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	4.477	46	38802	53.382	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.760%	
24) Chloroform-d	5.068	84	54612	5.706	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.200%	
26) 1,2-Dichloroethane-d4	5.964	65	28497	5.448	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.000%	
32) Benzene-d6	5.983	84	87140	6.174	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	123.400%	
36) 1,2-Dichloropropane-d6	7.312	67	25605	5.686	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.800%	
41) Toluene-d8	8.653	98	87310	6.170	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	123.400%	
43) trans-1,3-Dichloroprop...	8.952	79	9994	4.836	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.800%	
46) 2-Hexanone-d5	9.384	63	41159	55.335	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.660%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	19585	5.691	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	113.800%	
66) 1,2-Dichlorobenzene-d4	12.323	152	29682	6.010	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	120.200%#	
Target Compounds						Qvalue
3) Chloromethane	1.301	50	298	0.110	ug/L #	38
8) Chloroethane	1.691	64	280	0.141	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	497	0.096	ug/L #	46
12) 1,1-Dichloroethene	2.306	96	480	0.116	ug/L #	1
15) Methyl Acetate	2.721	43	271	0.219	ug/L	97
35) Methylcyclohexane	7.318	83	7476	0.928	ug/L #	23
37) 1,2-Dichloropropane	7.312	63	3280	0.758	ug/L #	88
39) cis-1,3-Dichloropropene	8.330	75	937	0.128	ug/L	92
42) Toluene	8.726	91	2260	0.109	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.213	83	282	0.070	ug/L #	62
61) 1,2,3-Trichloropropane	11.975	75	334	0.117	ug/L #	43
63) 1,2,4-Trimethylbenzene	11.750	105	1343	0.064	ug/L	94
64) 1,3-Dichlorobenzene	11.982	146	588	0.061	ug/L #	63
65) 1,4-Dichlorobenzene	12.049	146	890	0.091	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.122	180	372	0.050	ug/L #	91
71) Naphthalene	13.780	128	1772	0.168	ug/L #	91

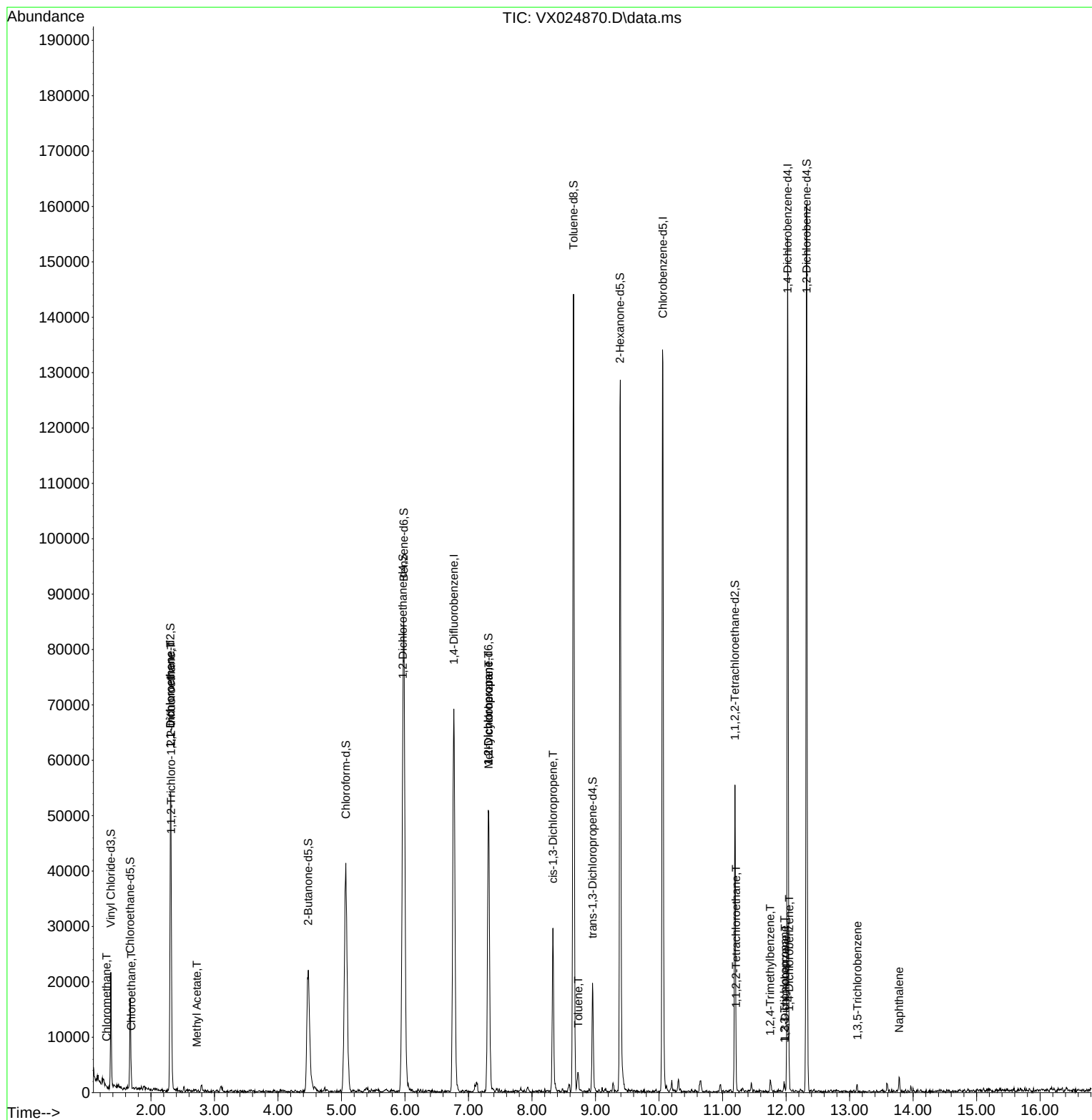
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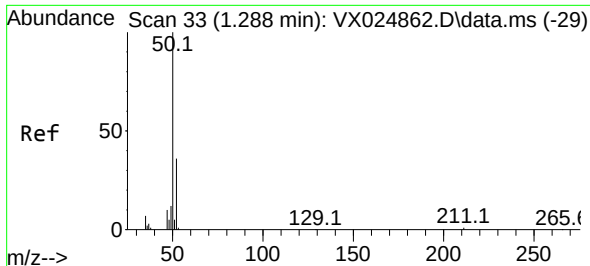
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102221\
Data File : VX024870.D
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Quant Time: Oct 23 03:54:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 23 03:44:55 2021
Response via : Initial Calibration

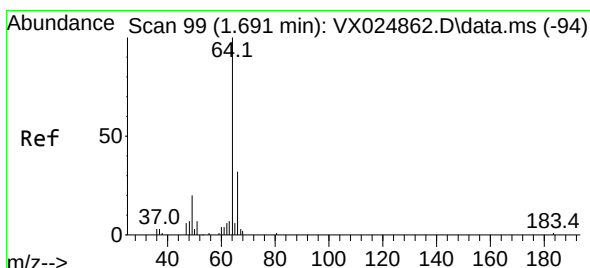
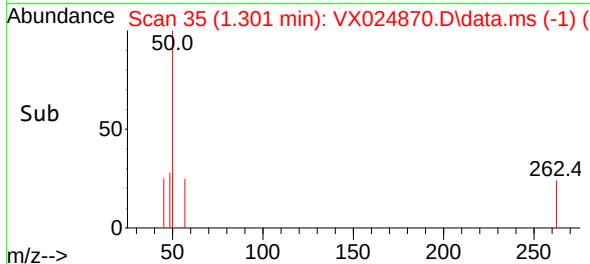
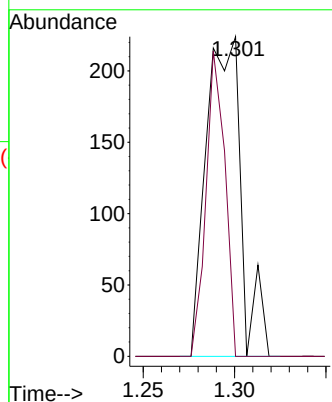
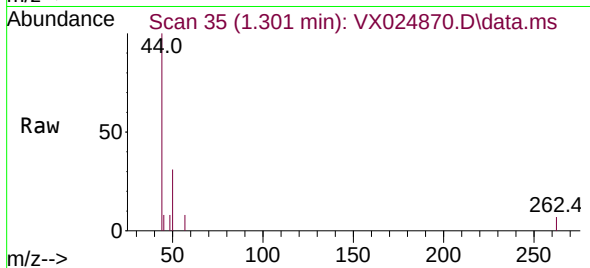




#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.301 min Scan# 35
Delta R.T. 0.012 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

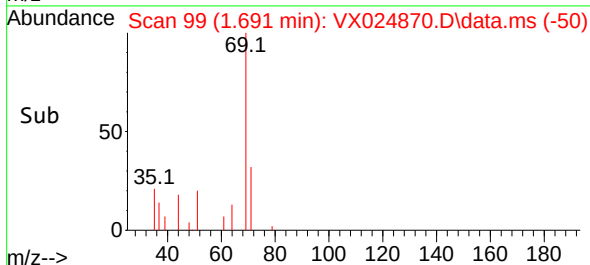
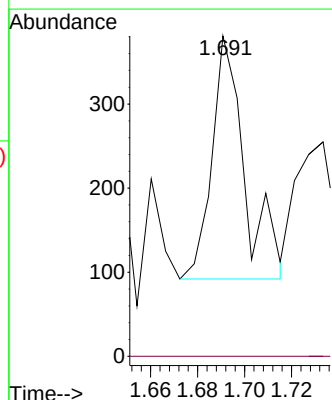
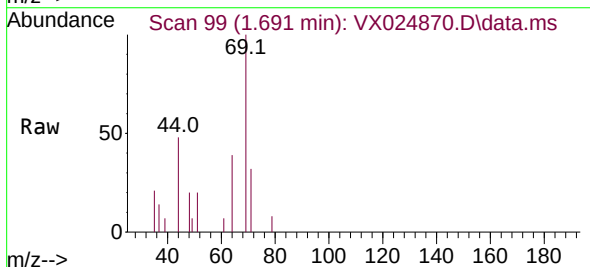
Instrument :
MSVOA_X
ClientSampled :

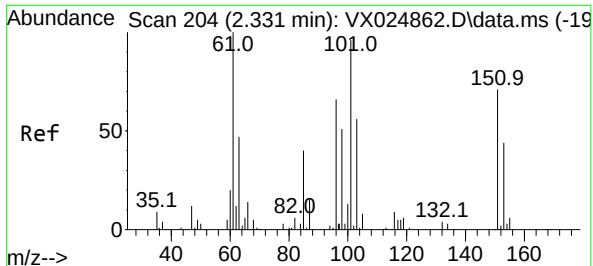
Tgt Ion: 50 Resp: 298
Ion Ratio Lower Upper
50 100
52 0.0 25.5 47.3#



#8
Chloroethane
Concen: 0.141 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Tgt Ion: 64 Resp: 280
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.096 ug/L

RT: 2.319 min Scan# 202

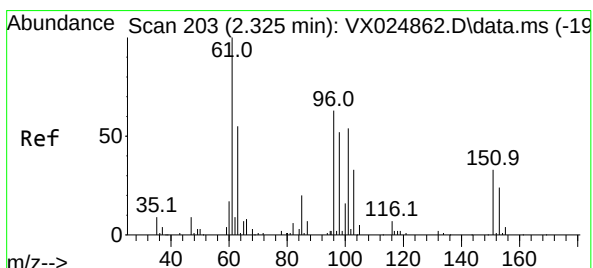
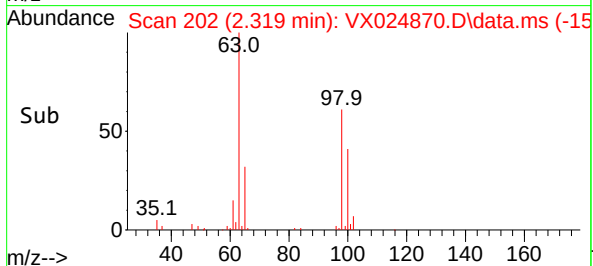
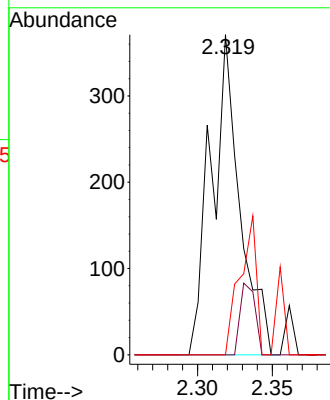
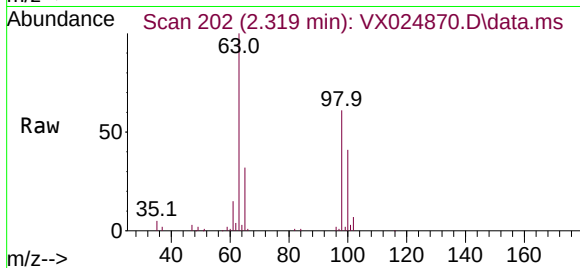
Delta R.T. -0.012 min

Lab File: VX024870.D

Acq: 22 Oct 2021 14:38

Tgt Ion:	101	Resp:	497
Ion	Ratio	Lower	Upper
101	100		
85	11.5	34.3	51.5#
151	24.7	58.3	87.5#

Instrument :
MSVOA_X
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 0.116 ug/L

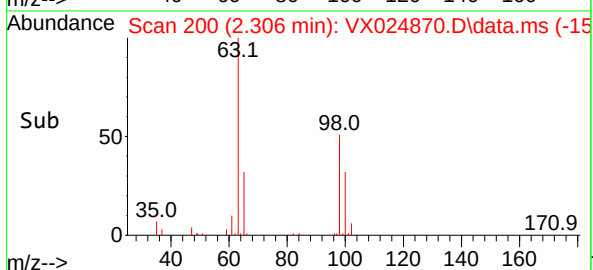
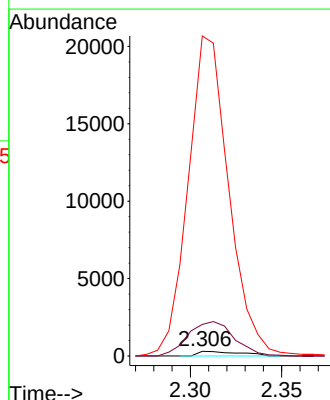
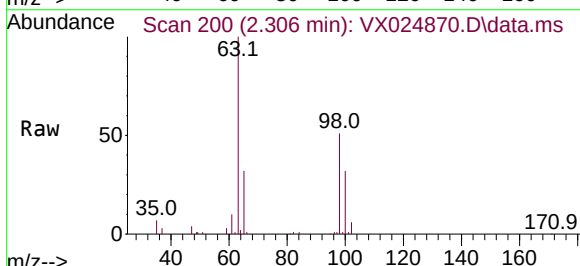
RT: 2.306 min Scan# 200

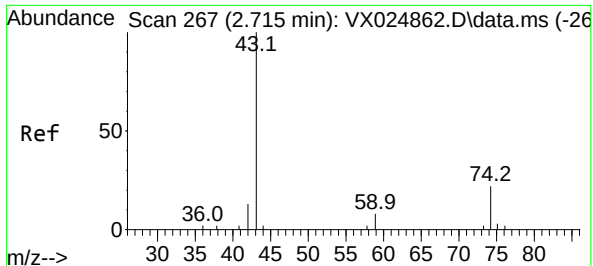
Delta R.T. -0.018 min

Lab File: VX024870.D

Acq: 22 Oct 2021 14:38

Tgt Ion:	96	Resp:	480
Ion	Ratio	Lower	Upper
96	100		
61	679.0	110.2	204.8#
63	6890.7	63.1	117.1#

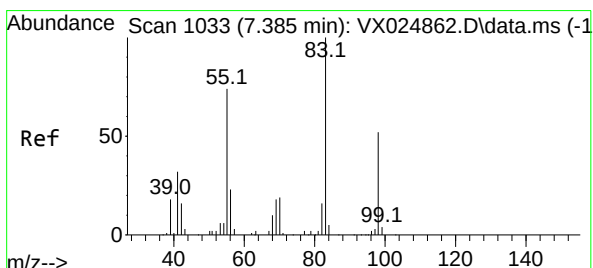
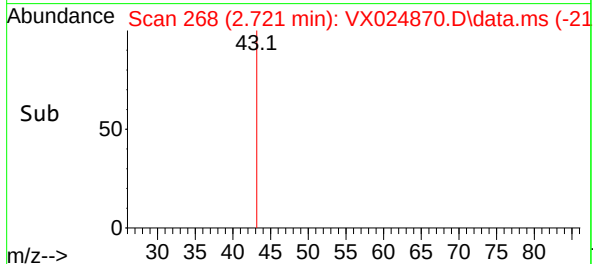
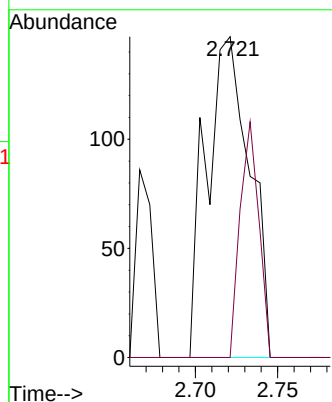
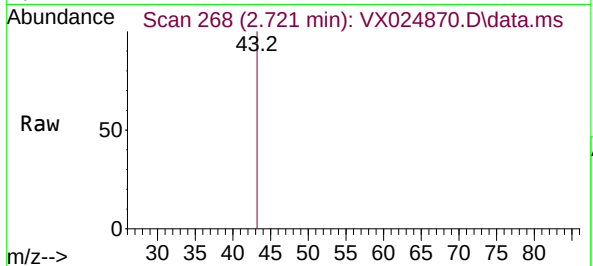




#15
Methyl Acetate
Concen: 0.219 ug/L
RT: 2.721 min Scan# 268
Delta R.T. 0.006 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

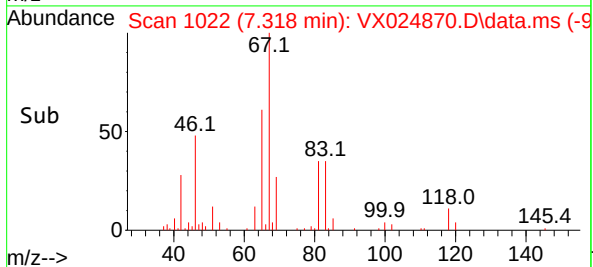
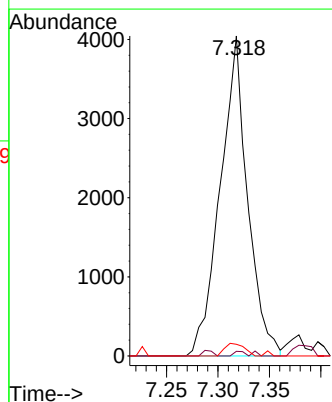
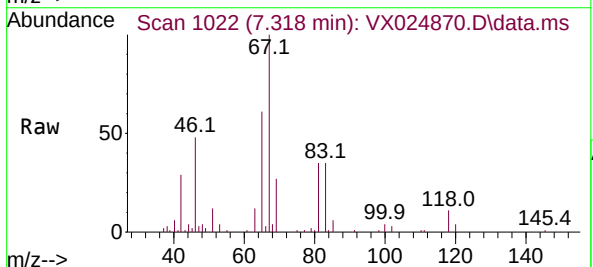
Instrument :
MSVOA_X
ClientSampled :

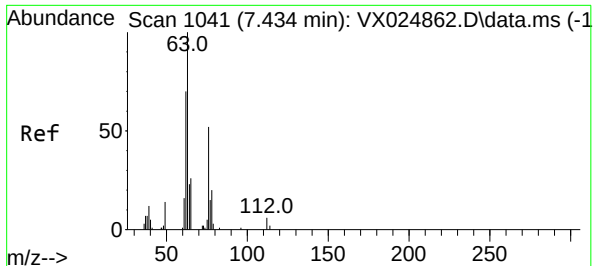
Tgt Ion: 43 Resp: 271
Ion Ratio Lower Upper
43 100
74 31.7 26.8 40.2



#35
Methylcyclohexane
Concen: 0.928 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.067 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Tgt Ion: 83 Resp: 7476
Ion Ratio Lower Upper
83 100
55 0.5 55.7 83.5#
98 2.8 38.3 57.5#

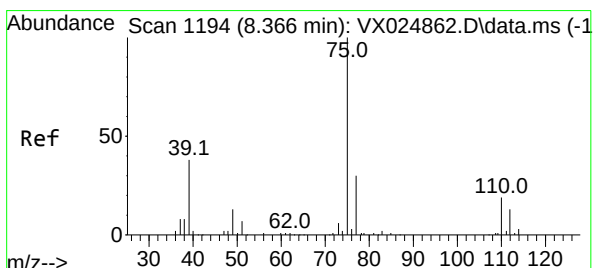
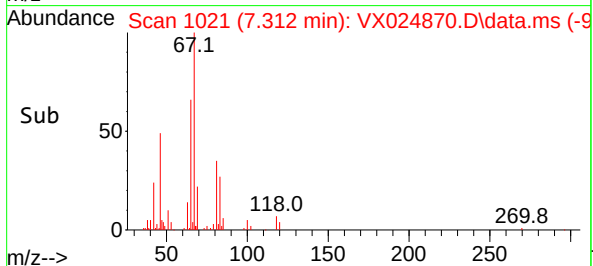
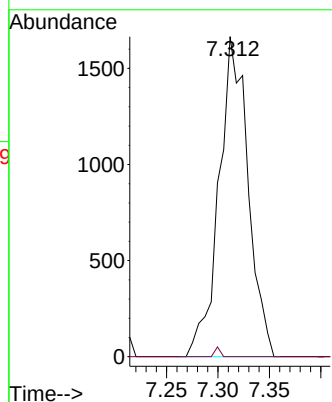
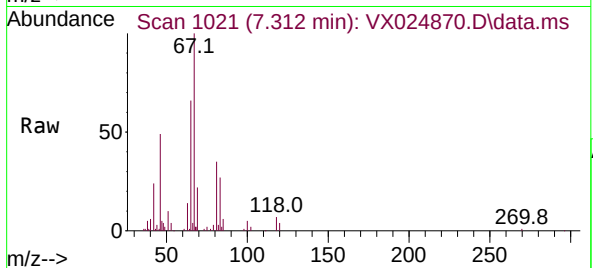




#37
1,2-Dichloropropane
Concen: 0.758 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

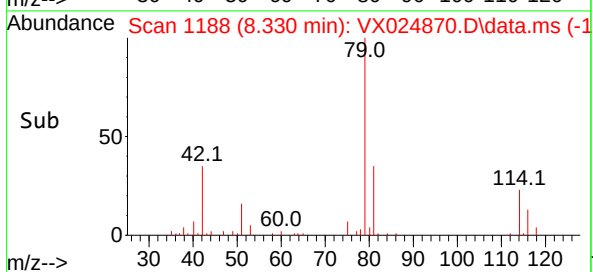
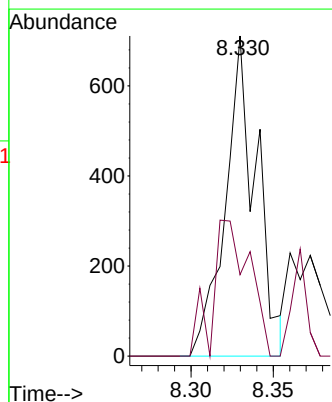
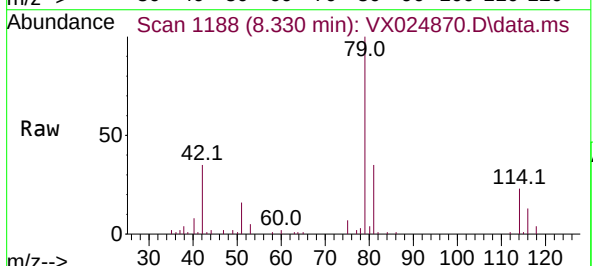
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MSVOA_X
ClientSampled :

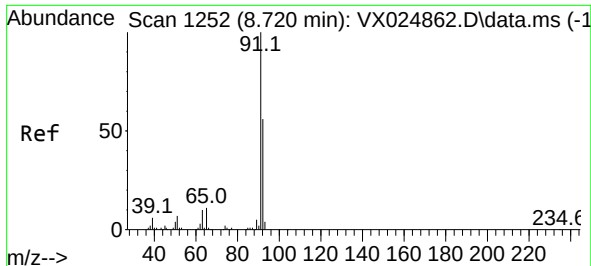
Tgt Ion: 63 Resp: 3280
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.128 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Tgt Ion: 75 Resp: 937
Ion Ratio Lower Upper
75 100
77 25.5 20.9 38.9

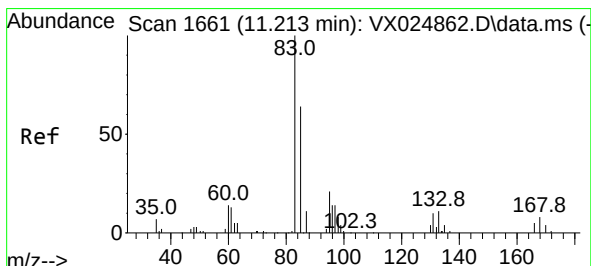
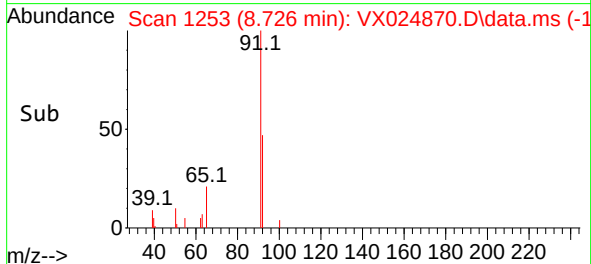
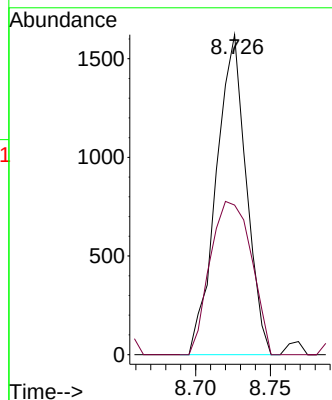
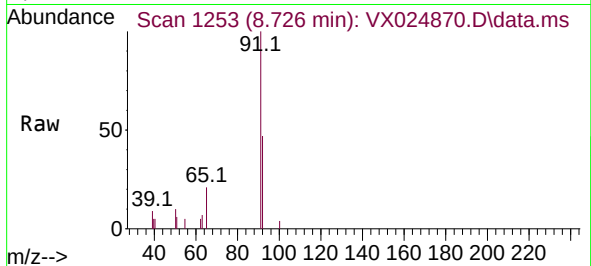




#42
Toluene
Concen: 0.109 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

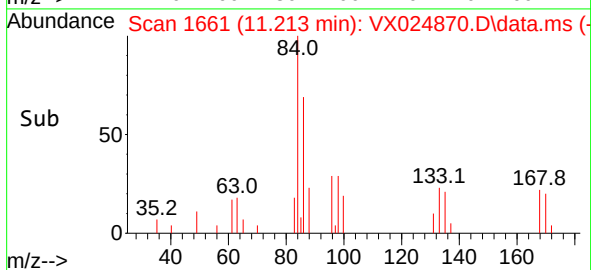
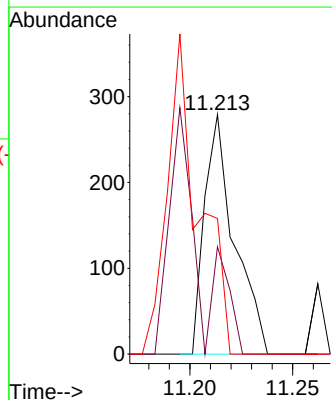
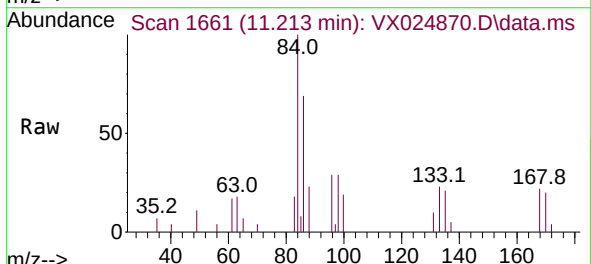
Instrument :
MSVOA_X
ClientSampled :

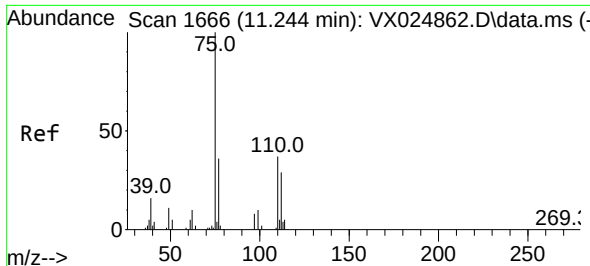
Tgt Ion: 91 Resp: 2260
Ion Ratio Lower Upper
91 100
92 46.7 39.1 72.5



#57
1,1,2,2-Tetrachloroethane
Concen: 0.070 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

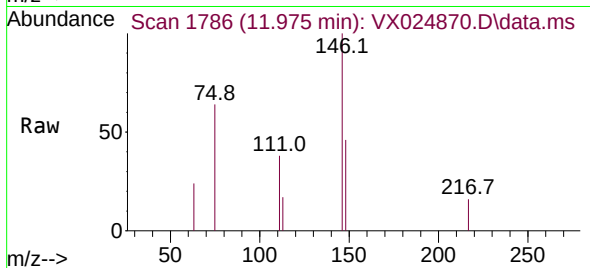
Tgt Ion: 83 Resp: 282
Ion Ratio Lower Upper
83 100
85 44.8 44.9 83.5#
131 56.6 7.7 11.5#



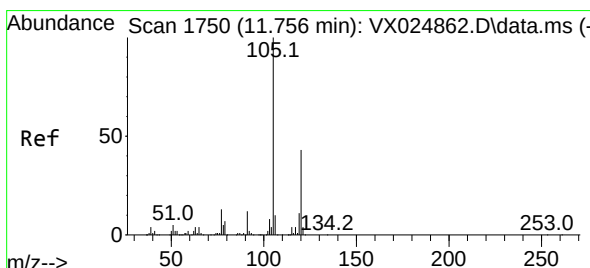
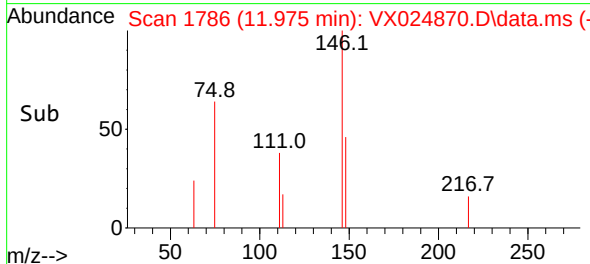
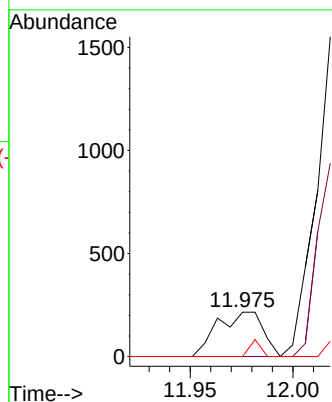


#61
1,2,3-Trichloropropane
Concen: 0.117 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.732 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Instrument :
MSVOA_X
ClientSampled :

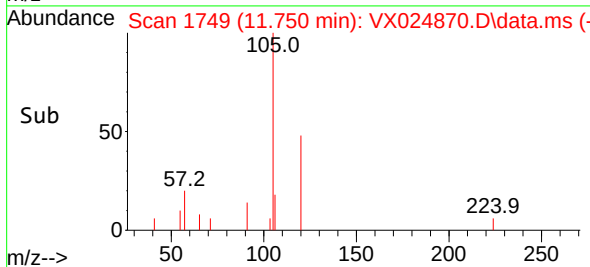
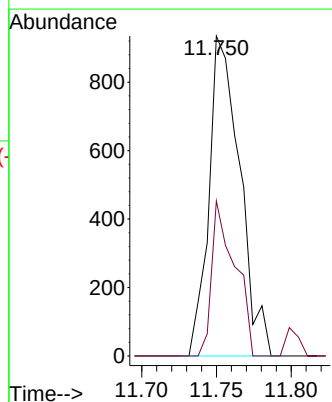
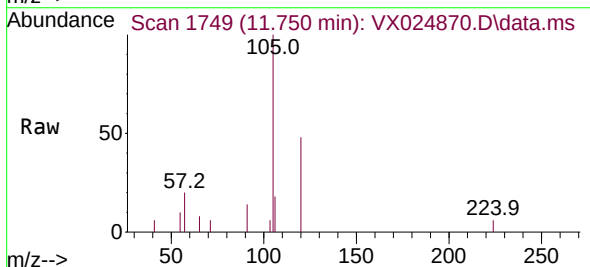


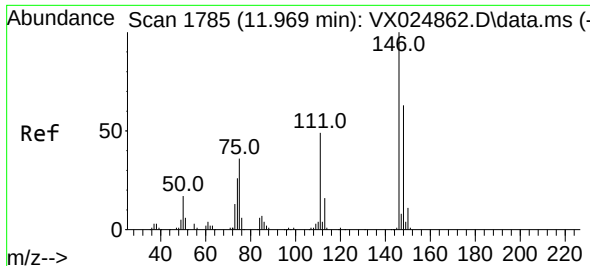
Tgt Ion: 75 Resp: 334
Ion Ratio Lower Upper
75 100
77 0.0 28.1 42.1#
110 9.0 34.7 52.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.064 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Tgt Ion: 105 Resp: 1343
Ion Ratio Lower Upper
105 100
120 36.4 32.3 48.5

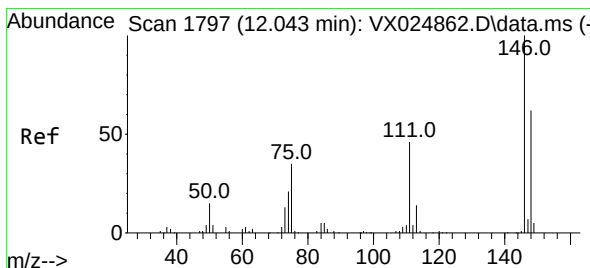
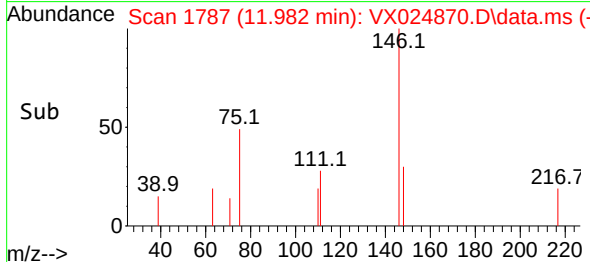
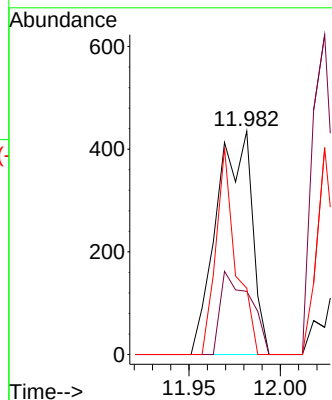
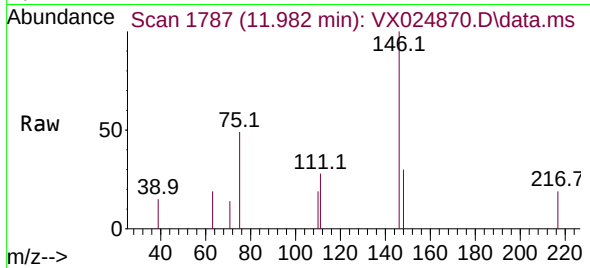




#64
1,3-Dichlorobenzene
Concen: 0.061 ug/L
RT: 11.982 min Scan# 1787
Delta R.T. 0.012 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

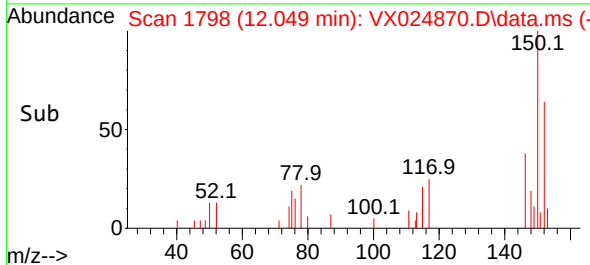
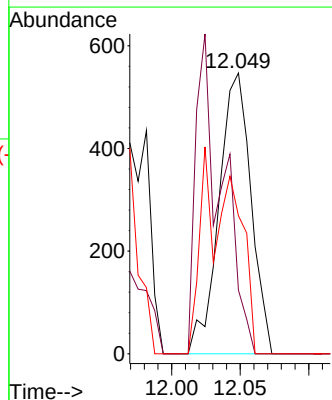
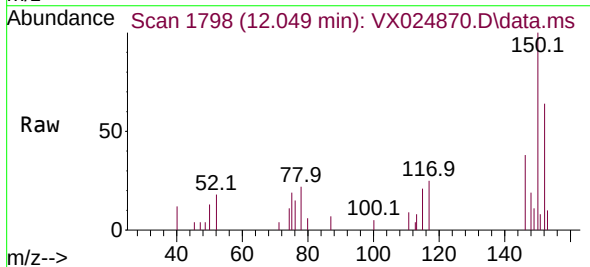
Instrument :
MSVOA_X
ClientSampled :

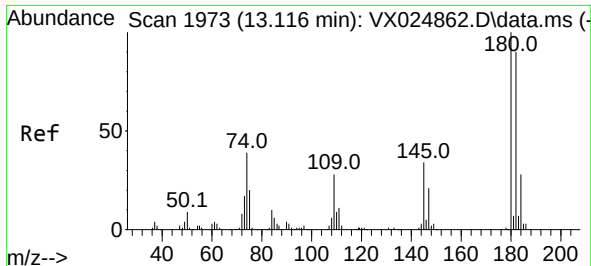
Tgt Ion:146 Resp: 588
Ion Ratio Lower Upper
146 100
111 28.3 34.2 63.4#
148 29.7 44.1 81.9#



#65
1,4-Dichlorobenzene
Concen: 0.091 ug/L
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Tgt Ion:146 Resp: 890
Ion Ratio Lower Upper
146 100
111 22.7 32.6 60.6#
148 49.2 43.3 80.3

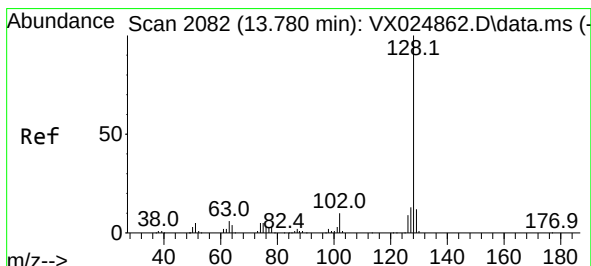
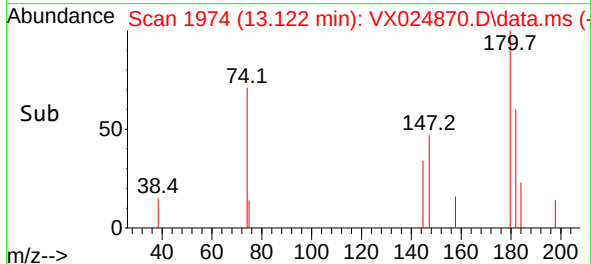
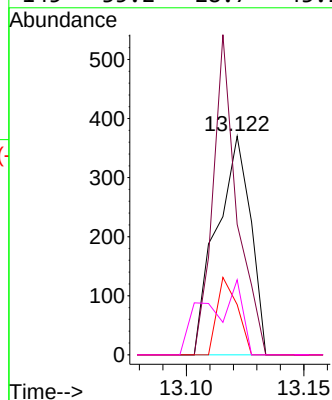
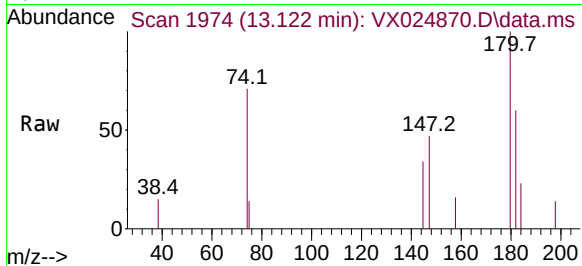




#69
1,3,5-Trichlorobenzene
Concen: 0.050 ug/L
RT: 13.122 min Scan# 1974
Delta R.T. 0.006 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:180 Resp: 372
Ion Ratio Lower Upper
180 100
182 103.0 74.6 111.8
184 21.2 24.0 36.0#
145 35.2 28.7 43.1



#71
Naphthalene
Concen: 0.168 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024870.D
Acq: 22 Oct 2021 14:38

Tgt Ion:128 Resp: 1772
Ion Ratio Lower Upper
128 100
129 9.8 9.7 14.5
127 8.5 10.6 15.8#

