

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025705.D
 Acq On : 10 Dec 2021 16:38
 Operator : JC/MD
 Sample : M4888-19ME
 Misc : 5.43g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 23:34:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 23:31:21 2021
 Response via : Initial Calibration

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

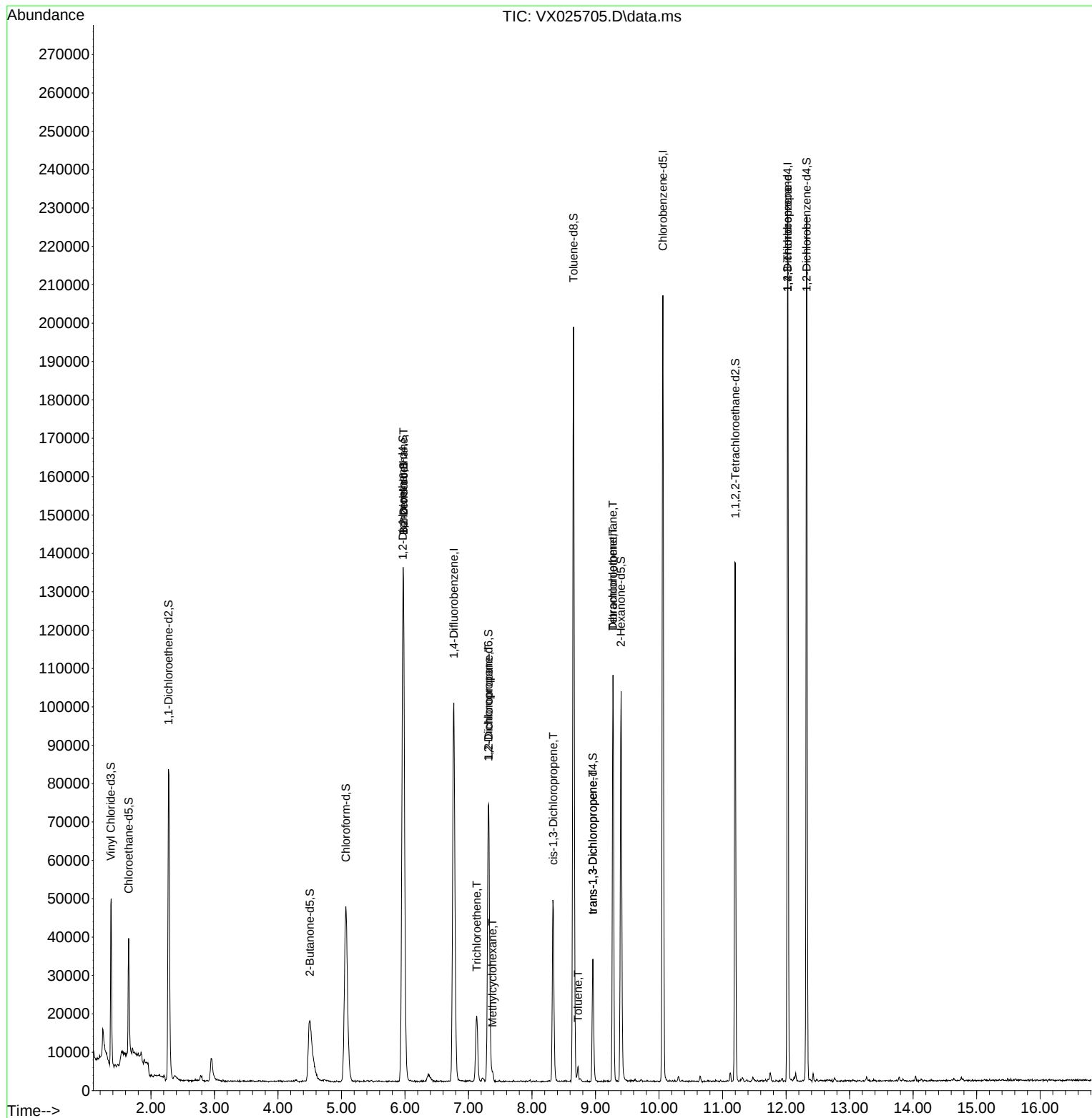
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	111572	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	100470	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	48585	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	31267	41.064	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.120%		
7) Chloroethane-d5	1.648	69	19303	30.716	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	61.440%#		
11) 1,1-Dichloroethene-d2	2.276	63	49007	40.366	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.740%		
21) 2-Butanone-d5	4.501	46	47407	83.639	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.640%		
24) Chloroform-d	5.068	84	60489	45.455	ug/L	0.01
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.900%		
26) 1,2-Dichloroethane-d4	5.964	65	41073	49.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.040%		
32) Benzene-d6	5.976	84	132041	49.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.180%		
36) 1,2-Dichloropropane-d6	7.311	67	39115	47.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.900%		
41) Toluene-d8	8.653	98	120915	48.109	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.220%		
43) trans-1,3-Dichloroprop...	8.957	79	16442	39.668	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.340%		
47) 2-Hexanone-d5	9.402	63	33221	77.412	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.410%		
56) 1,1,2,2-Tetrachloroeth...	11.201	84	52662	45.198	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.400%		
66) 1,2-Dichlorobenzene-d4	12.323	152	45132	47.362	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.720%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	5.976	62	777	0.850	ug/L #	73
34) Trichloroethene	7.128	95	6404	9.071	ug/L	97
35) Methylcyclohexane	7.378	83	607	0.546	ug/L #	48
37) 1,2-Dichloropropane	7.317	63	4482	6.658	ug/L #	85
39) cis-1,3-Dichloropropene	8.336	75	1331	1.214	ug/L #	65
42) Toluene	8.726	91	2587	0.874	ug/L	90
44) trans-1,3-Dichloropropene	8.957	75	851	0.807	ug/L	97
46) Tetrachloroethene	9.274	164	20591	34.393	ug/L	96
49) Dibromochloromethane	9.274	129	19246	23.373	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	5585	6.720	ug/L #	64

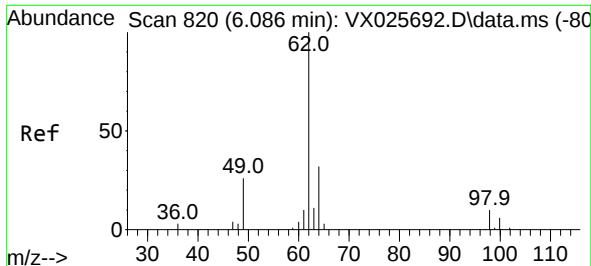
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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Quant Time: Dec 10 23:34:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 10 23:31:21 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.850 ug/L

RT: 5.976 min Scan# 80

Delta R.T. -0.110 min

Lab File: VX025705.D

Acq: 10 Dec 2021 16:38

Instrument :

MSVOA_X

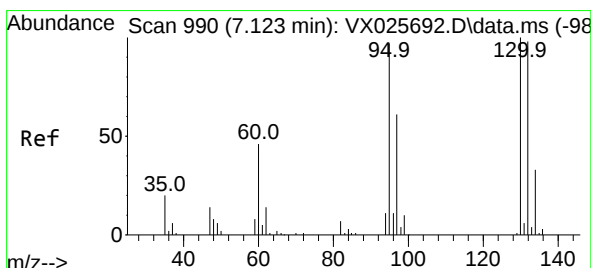
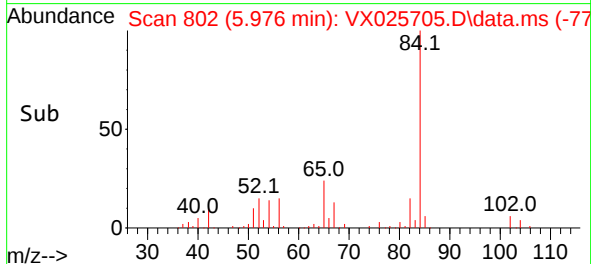
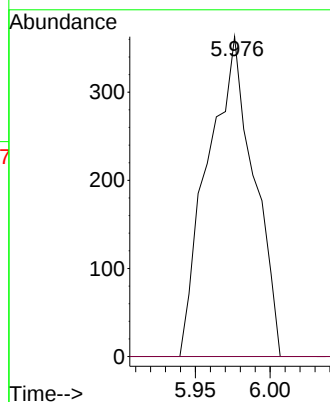
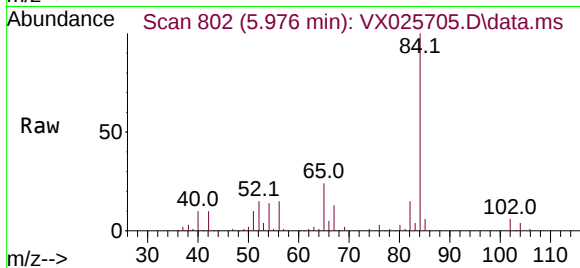
ClientSampleId :

Tgt Ion: 62 Resp: 777

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 9.071 ug/L

RT: 7.128 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX025705.D

Acq: 10 Dec 2021 16:38

Tgt Ion: 95 Resp: 6404

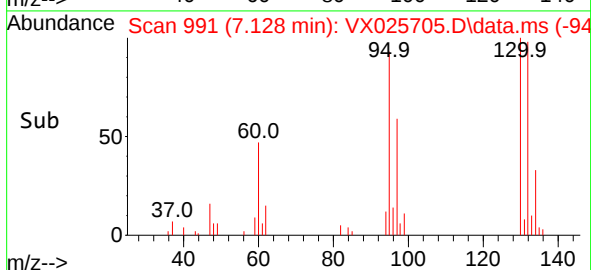
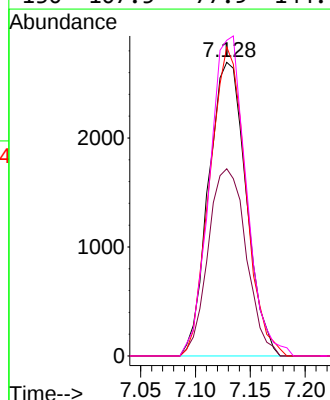
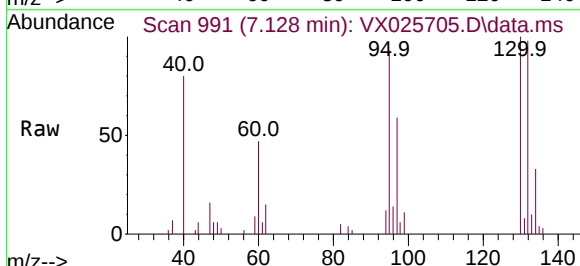
Ion Ratio Lower Upper

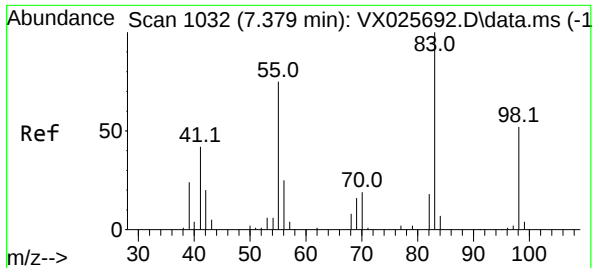
95 100

97 63.8 46.0 85.4

132 105.2 75.0 139.2

130 107.5 77.9 144.7

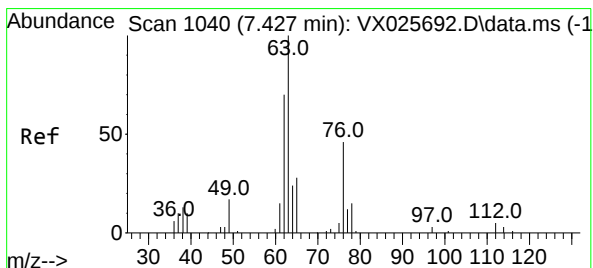
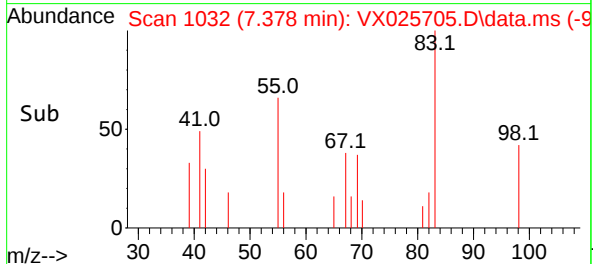
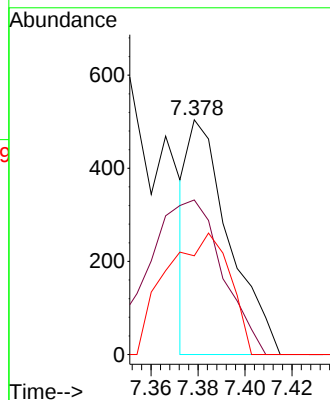
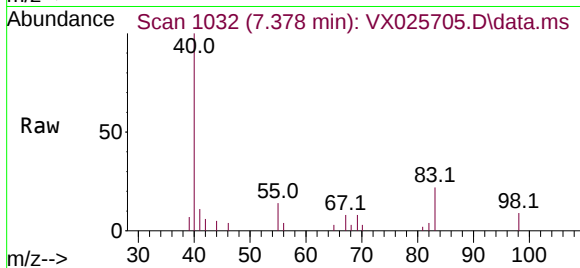




#35
Methylcyclohexane
Concen: 0.546 ug/L
RT: 7.378 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VX025705.D
Acq: 10 Dec 2021 16:38

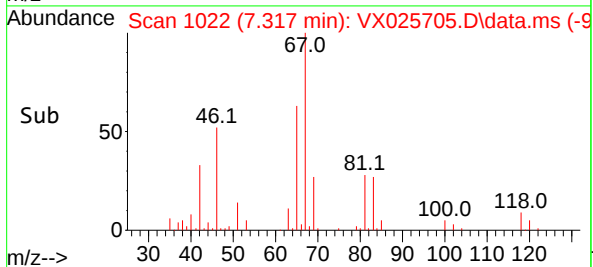
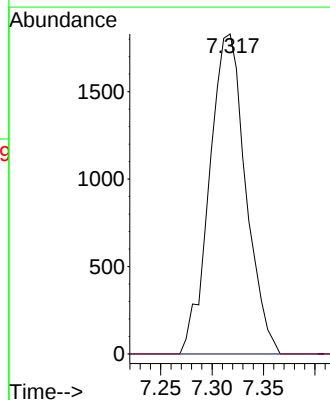
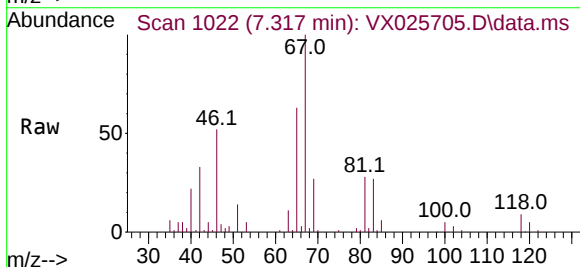
Instrument :
MSVOA_X
ClientSampleId :

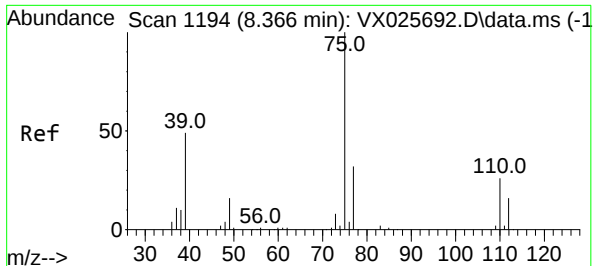
Tgt Ion: 83 Resp: 607
Ion Ratio Lower Upper
83 100
55 119.8 57.3 85.9#
98 81.4 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 6.658 ug/L
RT: 7.317 min Scan# 1022
Delta R.T. -0.110 min
Lab File: VX025705.D
Acq: 10 Dec 2021 16:38

Tgt Ion: 63 Resp: 4482
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.214 ug/L

RT: 8.336 min Scan# 1189

Delta R.T. -0.031 min

Lab File: VX025705.D

Acq: 10 Dec 2021 16:38

Instrument :

MSVOA_X

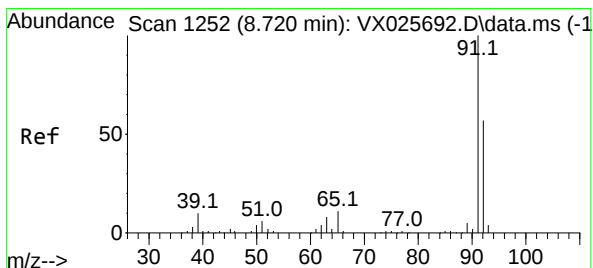
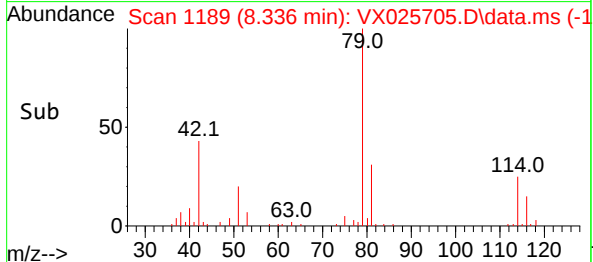
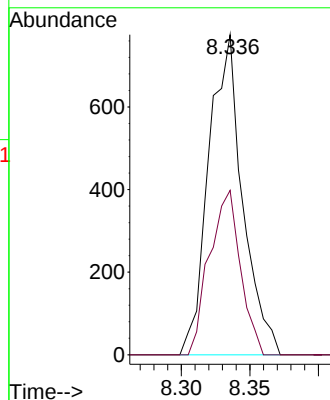
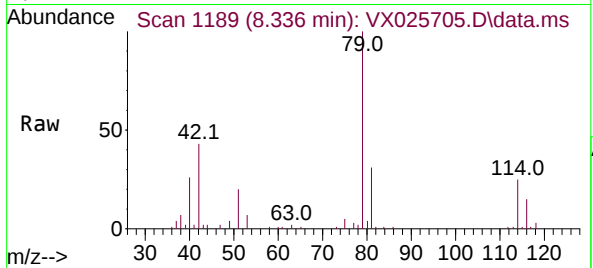
ClientSampleId :

Tgt Ion: 75 Resp: 1331

Ion Ratio Lower Upper

75 100

77 51.4 22.3 41.3#



#42

Toluene

Concen: 0.874 ug/L

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX025705.D

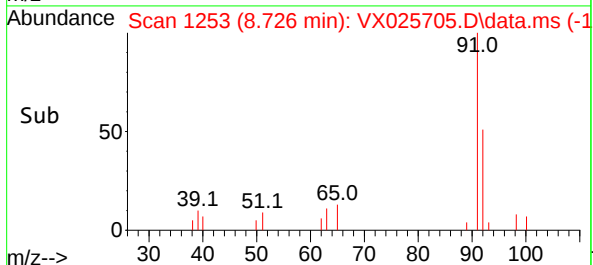
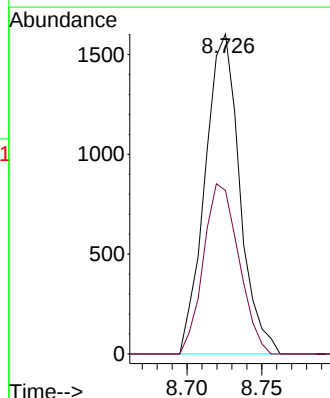
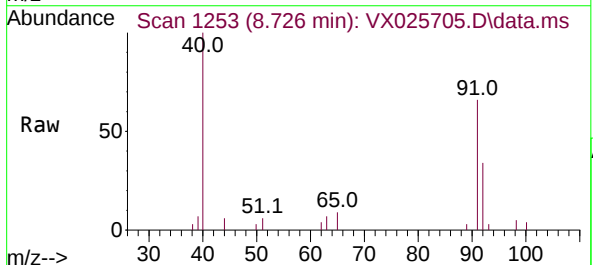
Acq: 10 Dec 2021 16:38

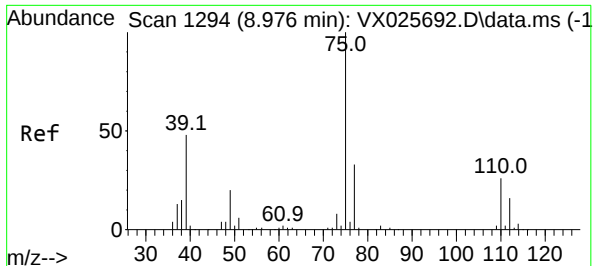
Tgt Ion: 91 Resp: 2587

Ion Ratio Lower Upper

91 100

92 51.1 41.2 76.6

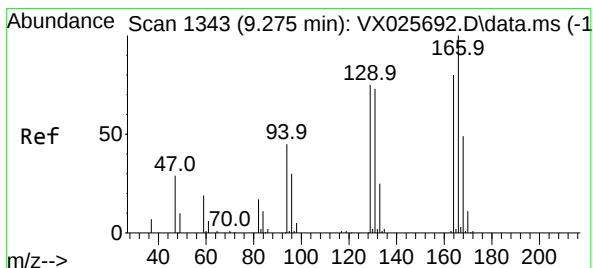
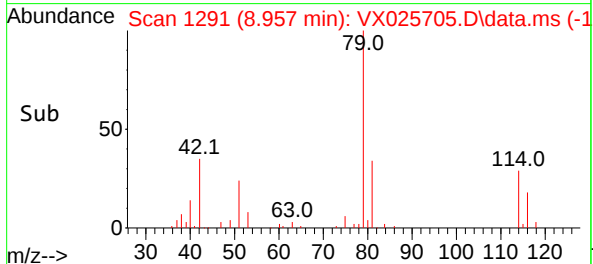
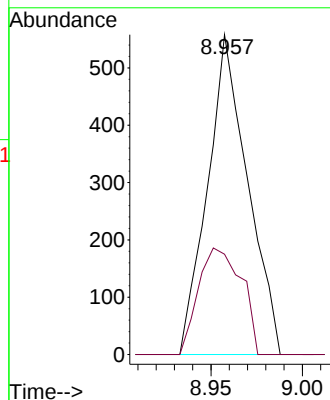
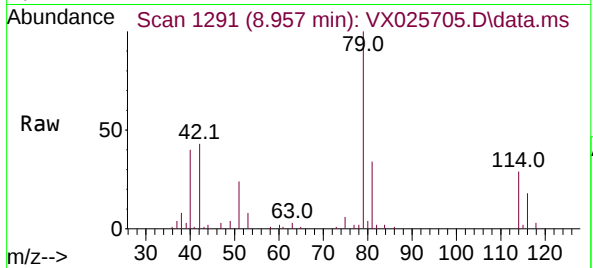




#44
trans-1,3-Dichloropropene
Concen: 0.807 ug/L
RT: 8.957 min Scan# 11
Delta R.T. -0.019 min
Lab File: VX025705.D
Acq: 10 Dec 2021 16:38

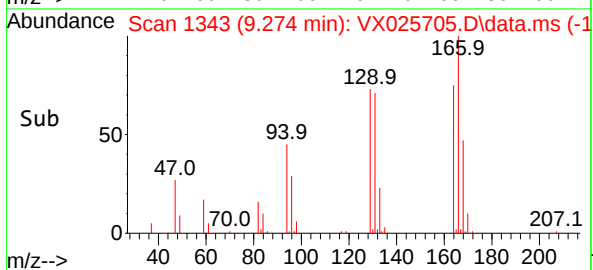
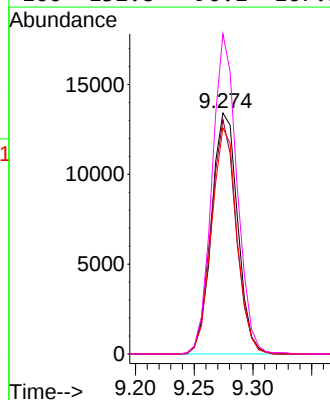
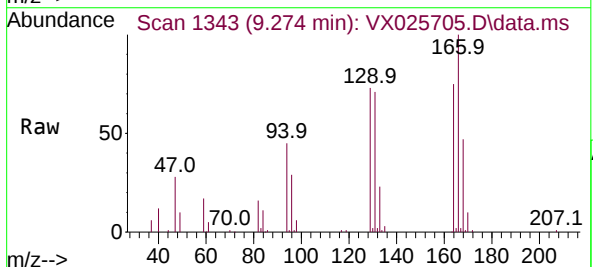
Instrument :
MSVOA_X
ClientSampleId :

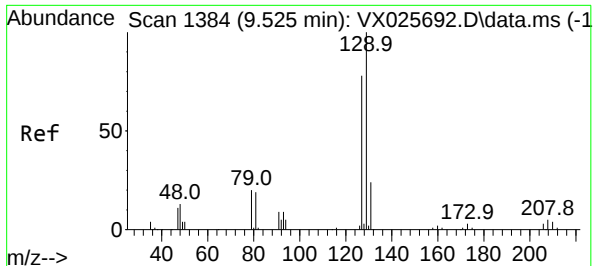
Tgt Ion: 75 Resp: 851
Ion Ratio Lower Upper
75 100
77 31.4 23.0 42.8



#46
Tetrachloroethene
Concen: 34.393 ug/L
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025705.D
Acq: 10 Dec 2021 16:38

Tgt Ion:164 Resp: 20591
Ion Ratio Lower Upper
164 100
129 97.3 64.7 120.1
131 93.9 63.2 117.4
166 132.8 90.1 167.3





#49

Dibromochloromethane

Concen: 23.373 ug/L

RT: 9.274 min Scan# 1

Delta R.T. -0.250 min

Lab File: VX025705.D

Acq: 10 Dec 2021 16:38

Instrument :

MSVOA_X

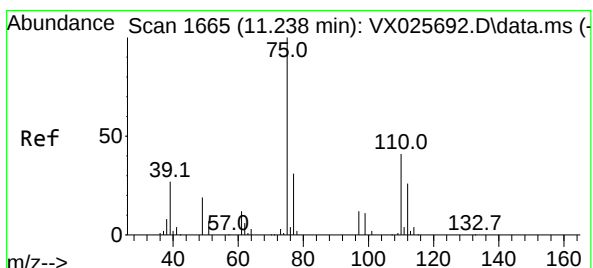
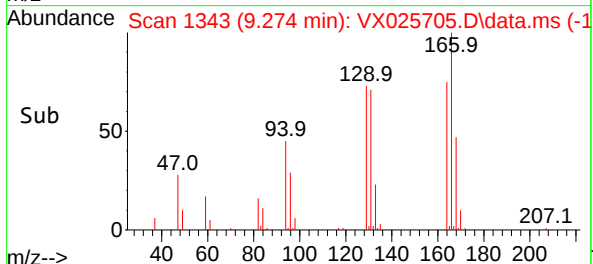
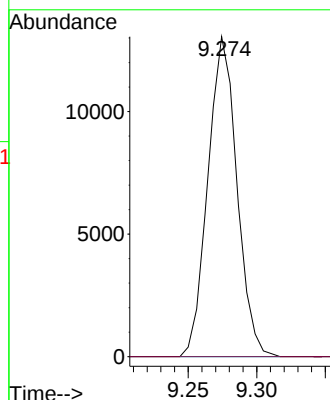
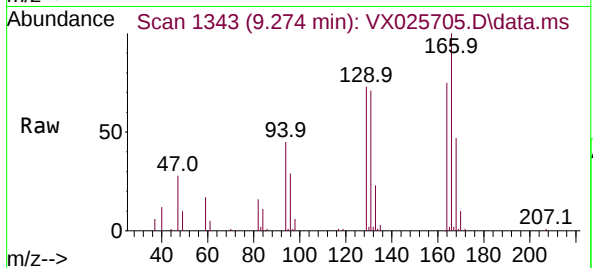
ClientSampleId :

Tgt Ion:129 Resp: 19246

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#61

1,2,3-Trichloropropane

Concen: 6.720 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX025705.D

Acq: 10 Dec 2021 16:38

Tgt Ion: 75 Resp: 5585

Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.8

110 4.2 34.7 52.1#

