

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110424\
 Data File : VX043693.D
 Acq On : 04 Nov 2024 19:23
 Operator : JC/MD
 Sample : P4621-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 03:48:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 05 03:44:12 2024
 Response via : Initial Calibration

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

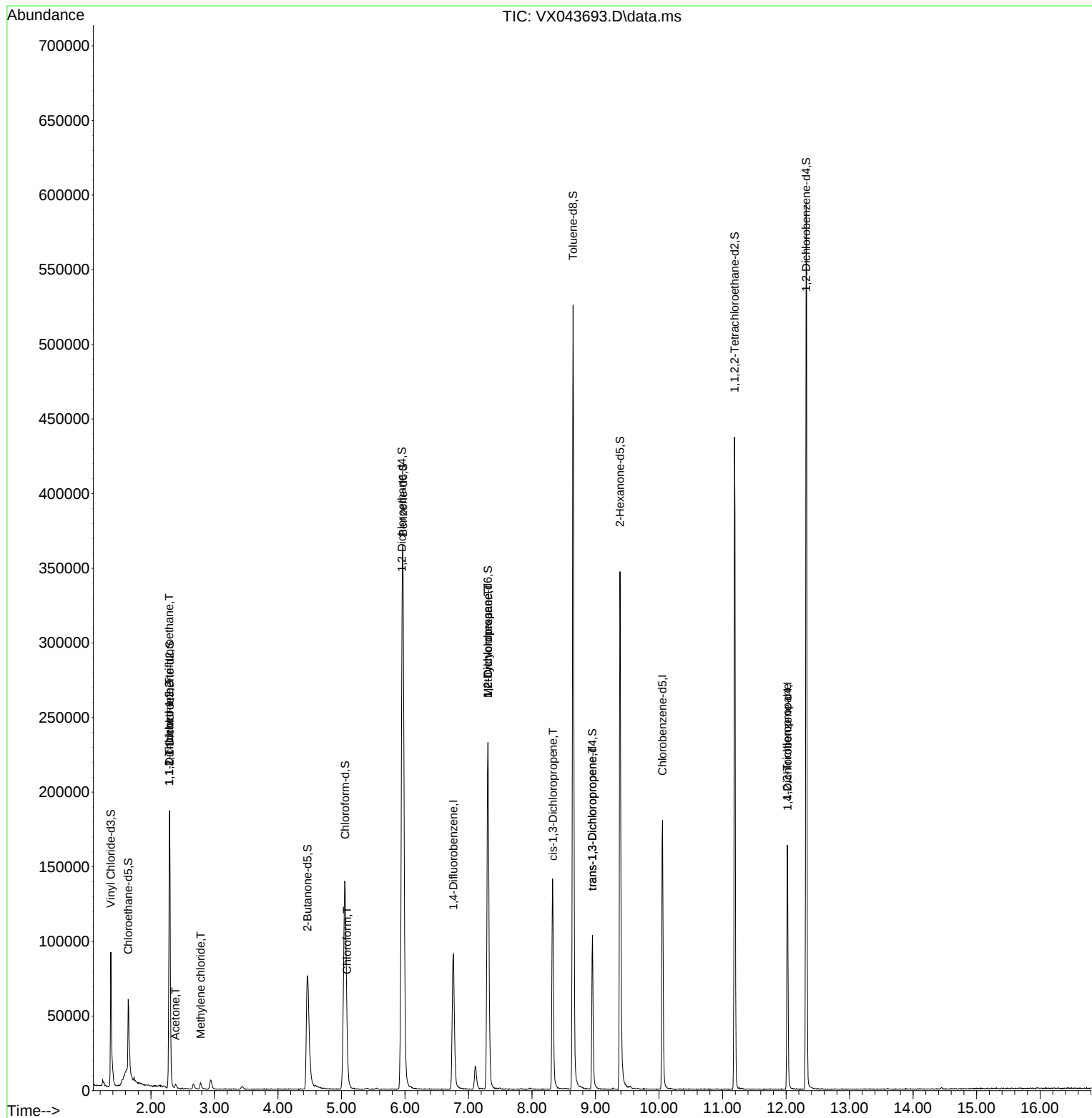
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	103431	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	88396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	36825	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68808	124.875	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 249.760%#			
7) Chloroethane-d5	1.642	69	34353	145.042	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 290.080%#			
11) 1,1-Dichloroethene-d2	2.294	65	32523	127.858	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 255.720%#			
21) 2-Butanone-d5	4.465	46	143281	397.144	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 397.140%#			
24) Chloroform-d	5.056	84	181249	152.585	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 305.180%#			
26) 1,2-Dichloroethane-d4	5.952	65	122915	162.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 325.780%#			
32) Benzene-d6	5.971	84	371476	162.544	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 325.080%#			
36) 1,2-Dichloropropane-d6	7.306	67	120445	173.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 346.460%#			
41) Toluene-d8	8.647	98	315864	152.145	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 304.280%#			
43) trans-1,3-Dichloroprop...	8.952	79	51282	154.224	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 308.440%#			
47) 2-Hexanone-d5	9.385	63	104597	380.121	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 380.120%#			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	163878	183.697	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 367.400%#			
66) 1,2-Dichlorobenzene-d4	12.317	152	129306	202.663	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 405.320%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	958	1.585	ug/L #	20
12) 1,1-Dichloroethene	2.288	96	799	1.448	ug/L #	1
13) Acetone	2.386	43	3368	10.037	ug/L	94
16) Methylene chloride	2.782	84	2261	3.392	ug/L	92
25) Chloroform	5.087	83	8518	6.791	ug/L	93
35) Methylcyclohexane	7.306	83	30637	30.273	ug/L #	20
37) 1,2-Dichloropropane	7.306	63	13307	19.827	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	3320	3.030	ug/L	86
44) trans-1,3-Dichloropropene	8.952	75	2098	2.100	ug/L	85
61) 1,2,3-Trichloropropane	12.018	75	4339	6.070	ug/L #	65

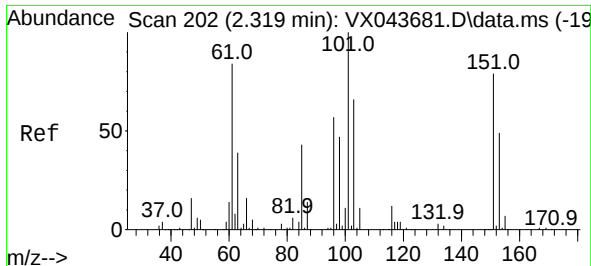
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 05 03:44:12 2024
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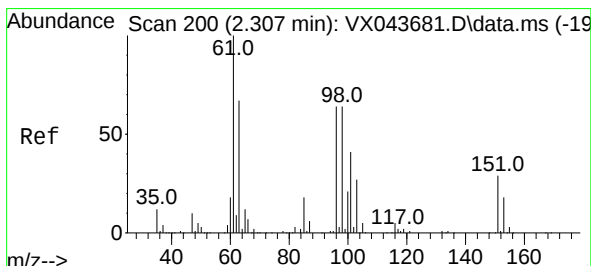
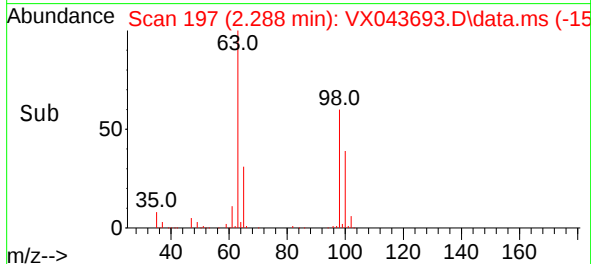
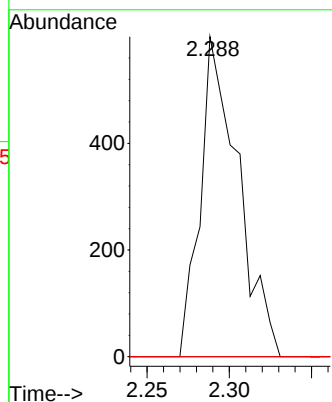
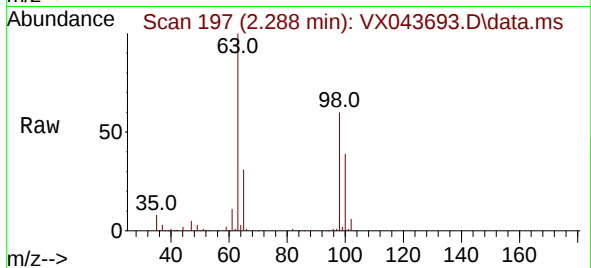




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.585 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.030 min
 Lab File: VX043693.D
 Acq: 04 Nov 2024 19:23

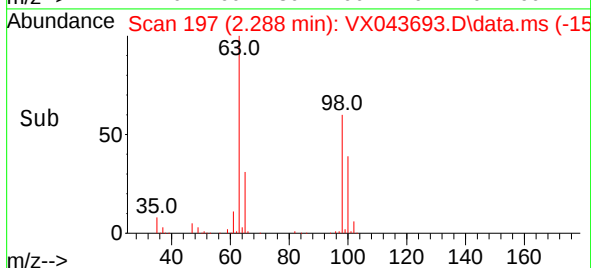
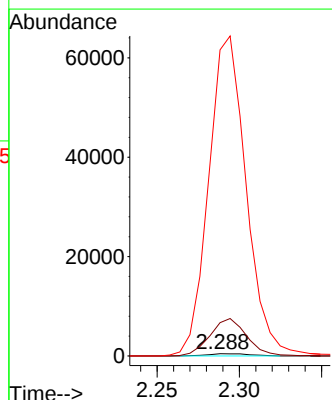
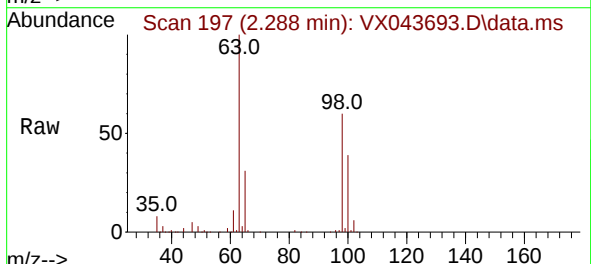
Instrument :
 MSVOA_X
 ClientSampleId :

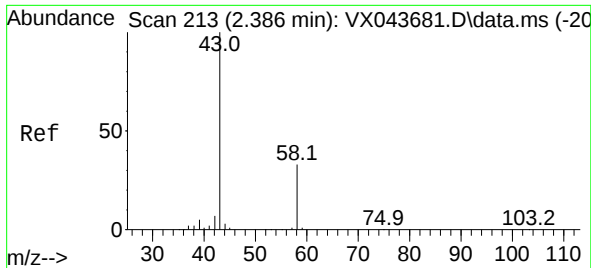
Tgt Ion:101 Resp: 958
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.0 51.0#
 151 0.0 60.2 90.4#



#12
 1,1-Dichloroethene
 Concen: 1.448 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.018 min
 Lab File: VX043693.D
 Acq: 04 Nov 2024 19:23

Tgt Ion: 96 Resp: 799
 Ion Ratio Lower Upper
 96 100
 61 1439.8 119.7 222.3#
 63 13245.6 86.5 160.6#





#13

Acetone

Concen: 10.037 ug/L

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX043693.D

Acq: 04 Nov 2024 19:23

Instrument :

MSVOA_X

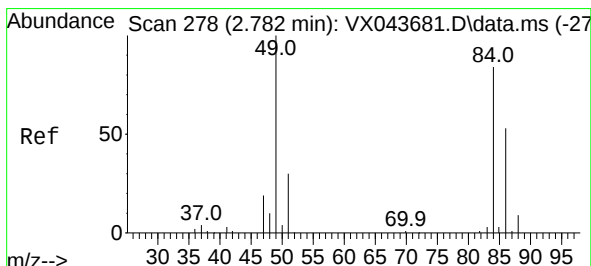
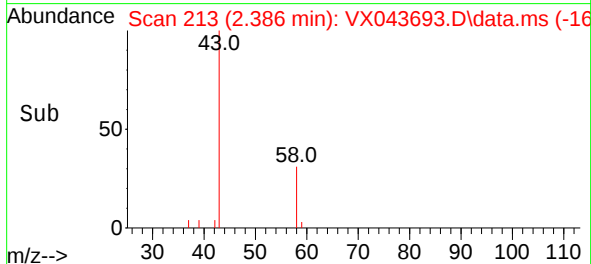
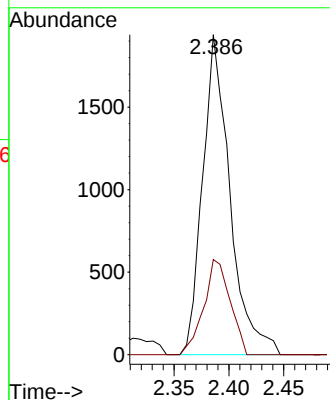
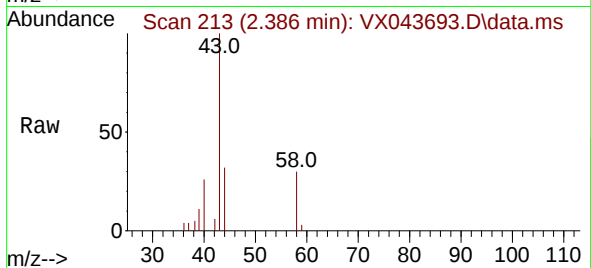
ClientSampleId :

Tgt Ion: 43 Resp: 3368

Ion Ratio Lower Upper

43 100

58 28.6 0.0 63.6



#16

Methylene chloride

Concen: 3.392 ug/L

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX043693.D

Acq: 04 Nov 2024 19:23

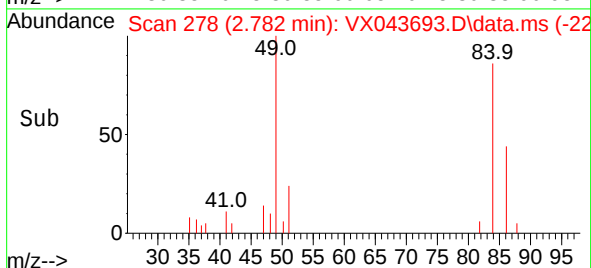
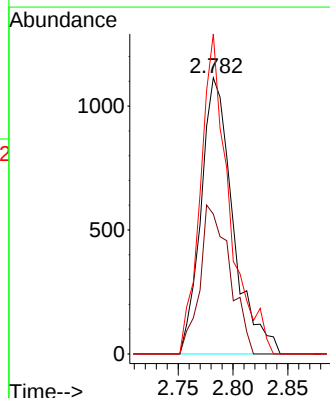
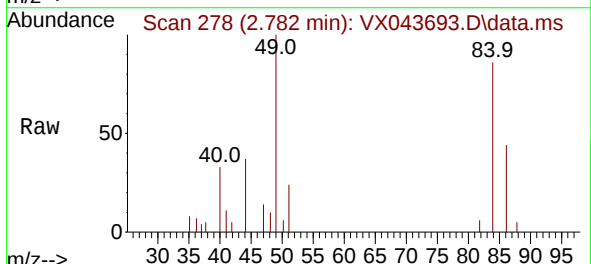
Tgt Ion: 84 Resp: 2261

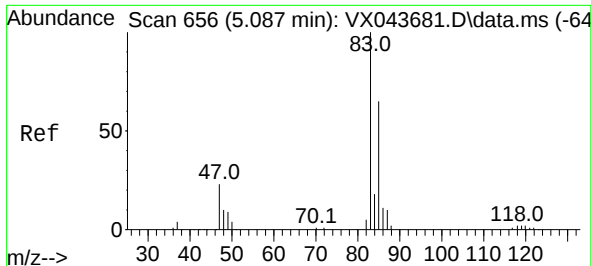
Ion Ratio Lower Upper

84 100

86 50.6 44.7 83.1

49 115.9 83.2 154.4





#25

Chloroform

Concen: 6.791 ug/L

RT: 5.087 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX043693.D

Acq: 04 Nov 2024 19:23

Instrument :

MSVOA_X

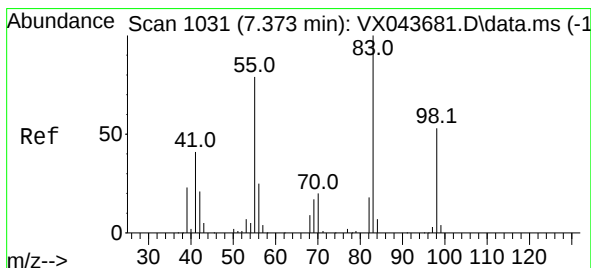
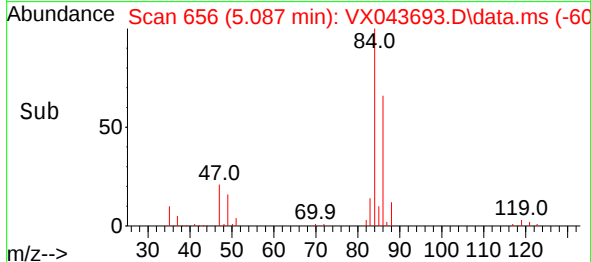
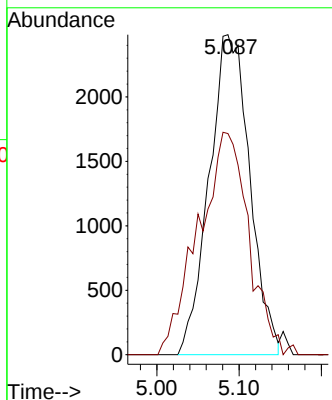
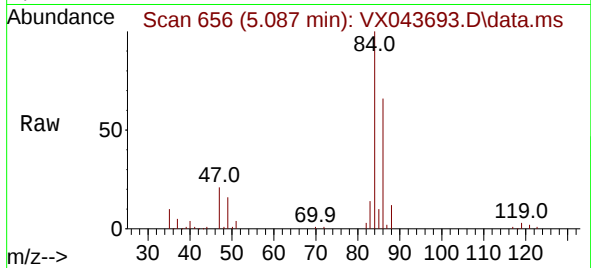
ClientSampleId :

Tgt Ion: 83 Resp: 8518

Ion Ratio Lower Upper

83 100

85 69.1 44.4 82.4



#35

Methylcyclohexane

Concen: 30.273 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.067 min

Lab File: VX043693.D

Acq: 04 Nov 2024 19:23

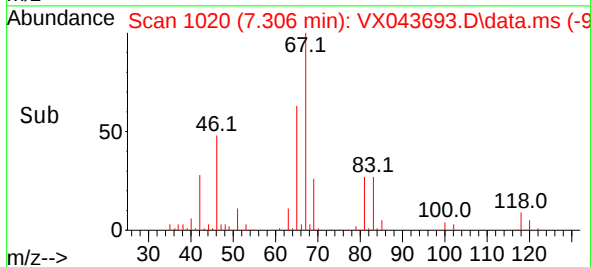
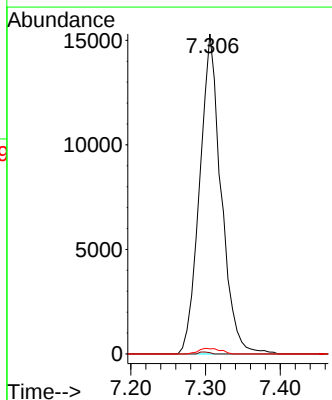
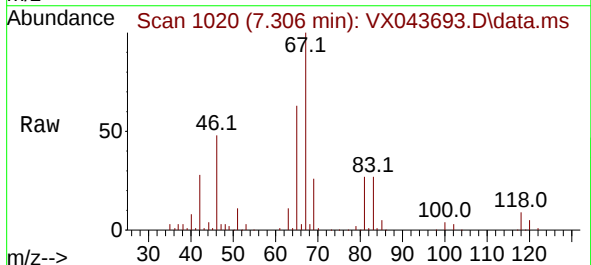
Tgt Ion: 83 Resp: 30637

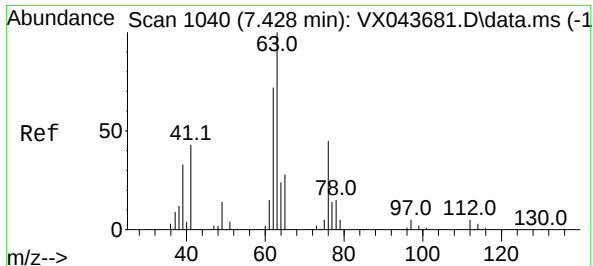
Ion Ratio Lower Upper

83 100

55 0.3 58.6 88.0#

98 1.8 39.0 58.4#

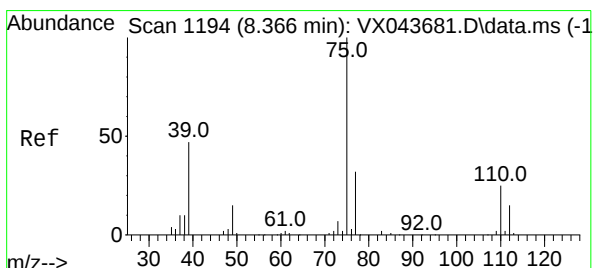
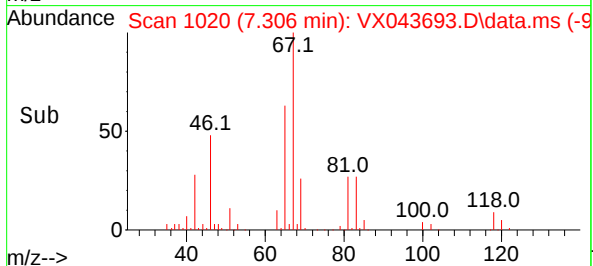
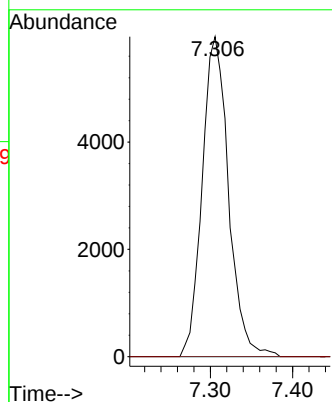
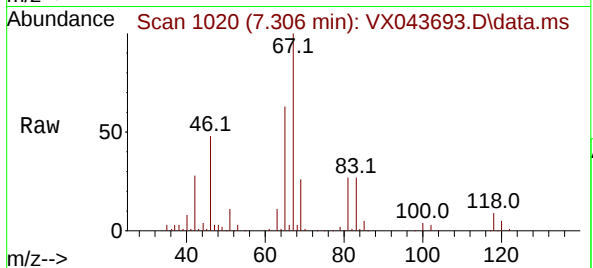




#37
1,2-Dichloropropane
Concen: 19.827 ug/L
RT: 7.306 min Scan# 1187
Delta R.T. -0.122 min
Lab File: VX043693.D
Acq: 04 Nov 2024 19:23

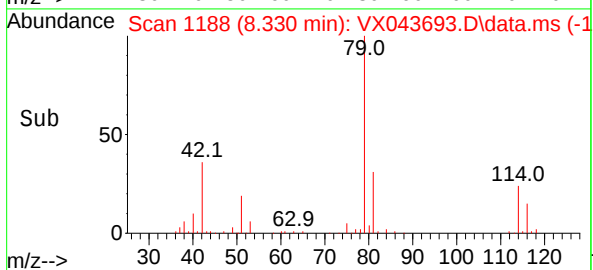
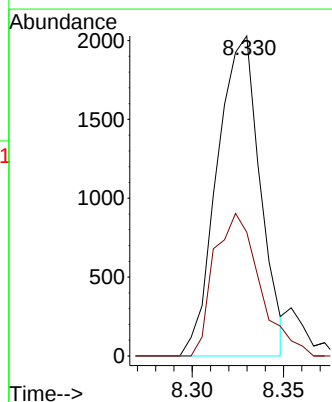
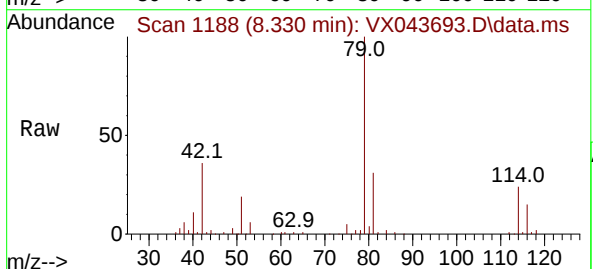
Instrument :
MSVOA_X
ClientSampleId :

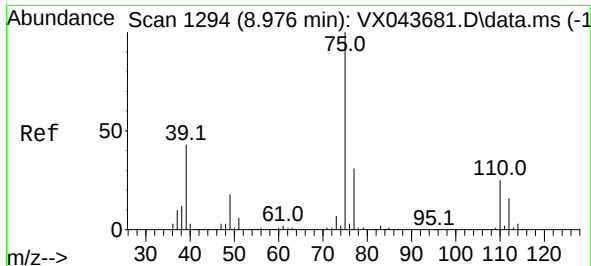
Tgt Ion: 63 Resp: 13307
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#39
cis-1,3-Dichloropropene
Concen: 3.030 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX043693.D
Acq: 04 Nov 2024 19:23

Tgt Ion: 75 Resp: 3320
Ion Ratio Lower Upper
75 100
77 38.6 21.7 40.3





#44

trans-1,3-Dichloropropene

Concen: 2.100 ug/L

RT: 8.952 min Scan# 1793

Delta R.T. -0.024 min

Lab File: VX043693.D

Acq: 04 Nov 2024 19:23

Instrument :

MSVOA_X

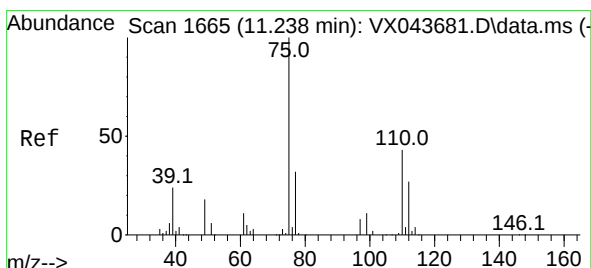
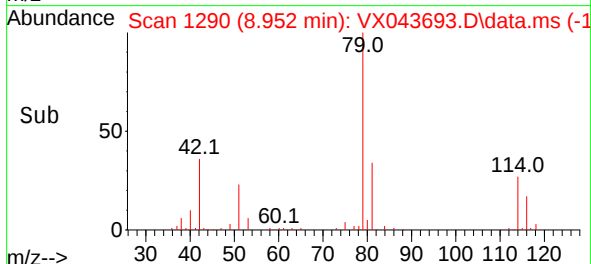
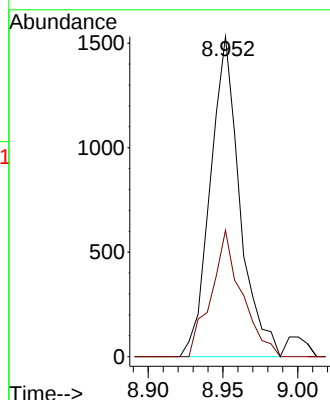
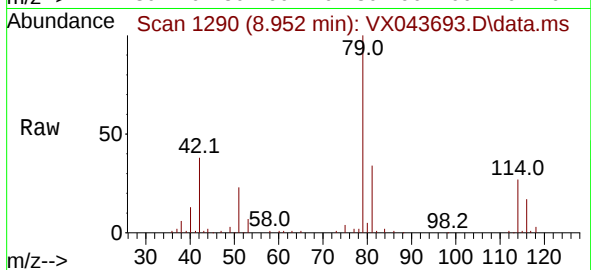
ClientSampleId :

Tgt Ion: 75 Resp: 2098

Ion Ratio Lower Upper

75 100

77 39.5 21.8 40.4



#61

1,2,3-Trichloropropane

Concen: 6.070 ug/L

RT: 12.018 min Scan# 1793

Delta R.T. 0.780 min

Lab File: VX043693.D

Acq: 04 Nov 2024 19:23

Tgt Ion: 75 Resp: 4339

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

110 3.0 33.6 50.4#

