

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121021\
 Data File : VX025695.D
 Acq On : 10 Dec 2021 12:44
 Operator : JC/MD
 Sample : M5004-06ME
 Misc : 6.54g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 23:32:33 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

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

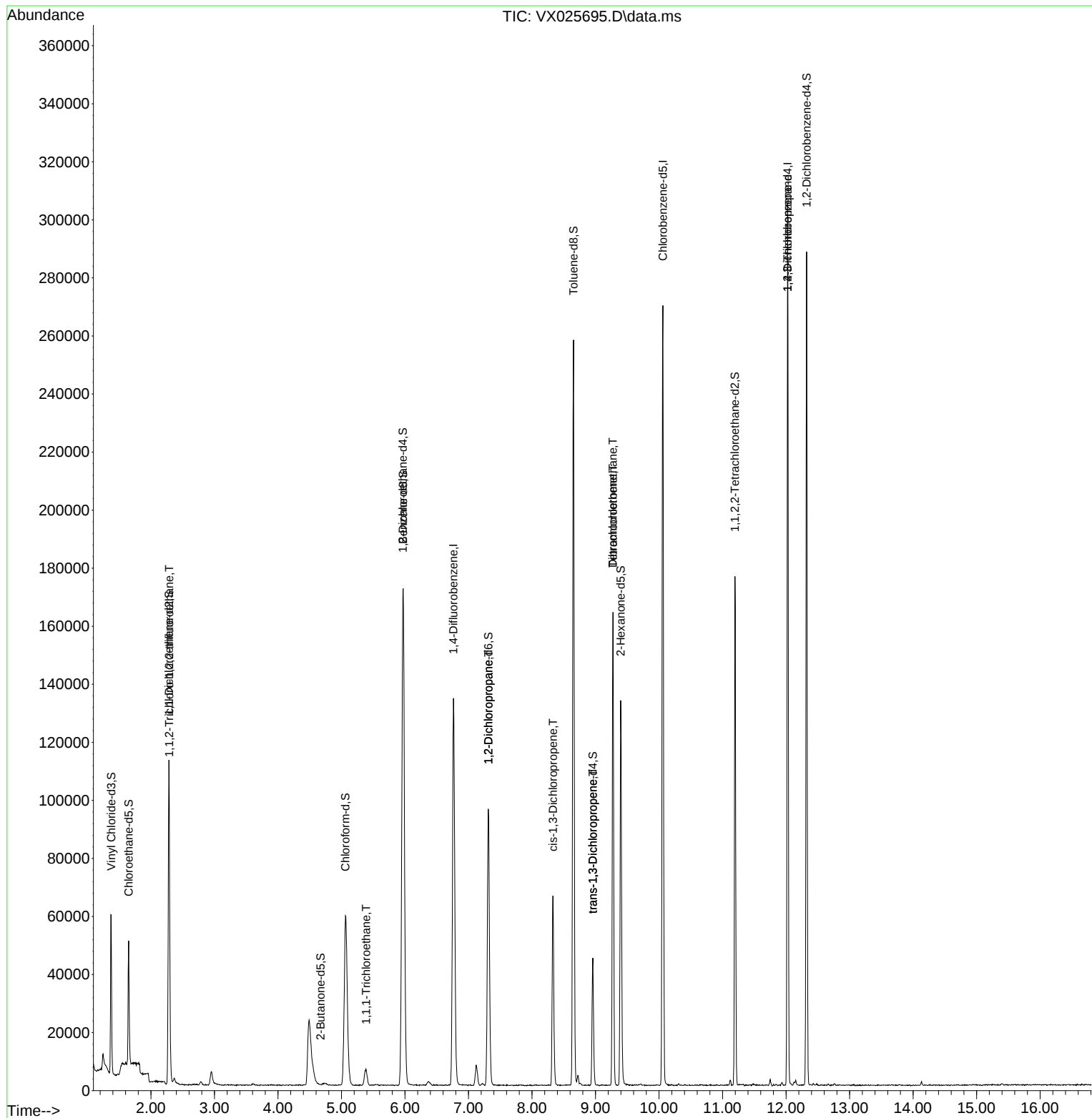
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147901	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	135242	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	40620	40.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.480%
7) Chloroethane-d5	1.648	69	25700	30.850	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.700%#
11) 1,1-Dichloroethene-d2	2.282	63	63573	39.502	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.000%
21) 2-Butanone-d5	4.672	46	115	0.153	ug/L	0.22
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.150%#
24) Chloroform-d	5.062	84	75868	43.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
26) 1,2-Dichloroethane-d4	5.964	65	52934	48.141	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.280%
32) Benzene-d6	5.970	84	169147	47.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
36) 1,2-Dichloropropane-d6	7.312	67	49348	44.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.940%
41) Toluene-d8	8.653	98	154977	45.808	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.620%
43) trans-1,3-Dichloroprop...	8.958	79	22825	40.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.820%
47) 2-Hexanone-d5	9.397	63	42901	74.265	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.270%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	66232	42.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	57881	45.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.940%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	720	0.840	ug/L #	23
30) 1,1,1-Trichloroethane	5.385	97	5459	3.657	ug/L	97
37) 1,2-Dichloropropane	7.312	63	5526	6.098	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1723	1.167	ug/L	84
44) trans-1,3-Dichloropropene	8.958	75	1129	0.796	ug/L	98
46) Tetrachloroethene	9.275	164	30458	37.793	ug/L	97
49) Dibromochloromethane	9.275	129	29371	26.498	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	7639	6.881	ug/L #	62

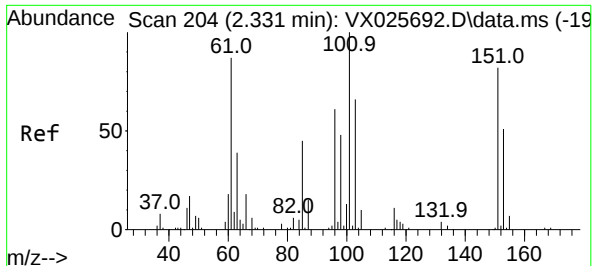
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 10 23:31:21 2021
Response via : Initial Calibration





#10

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

Concen: 0.840 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.043 min

Lab File: VX025695.D

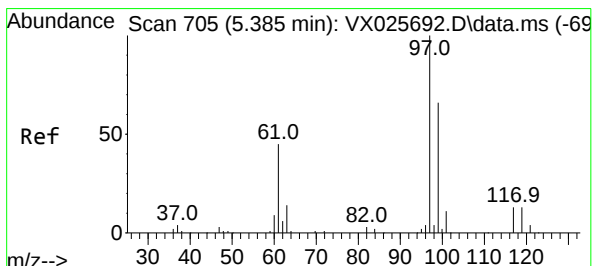
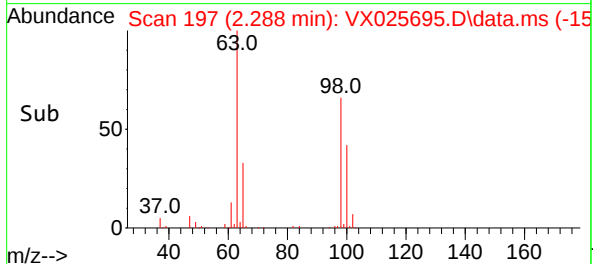
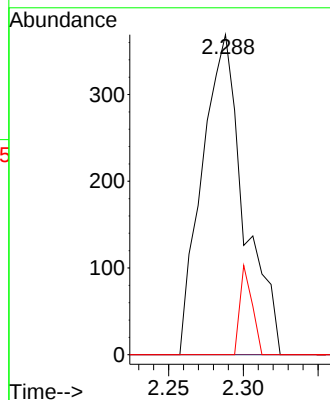
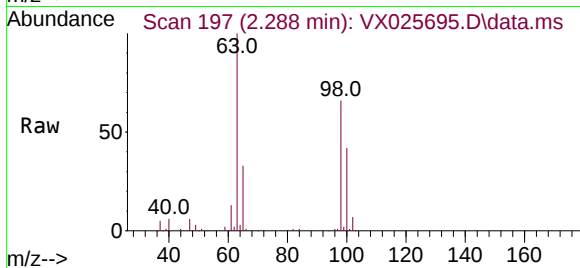
Acq: 10 Dec 2021 12:44

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:101	Resp:	720
Ion	Ratio	Lower Upper
101	100	
85	0.0	34.3 51.5#
151	8.1	65.2 97.8#



#30

1,1,1-Trichloroethane

Concen: 3.657 ug/L

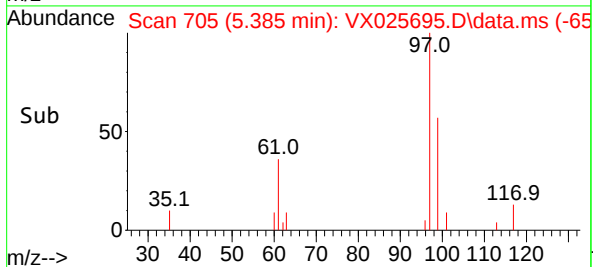
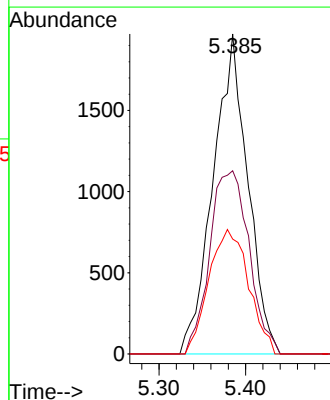
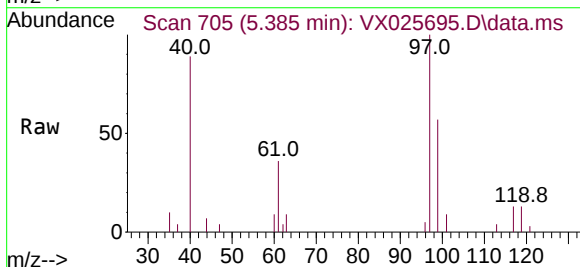
RT: 5.385 min Scan# 705

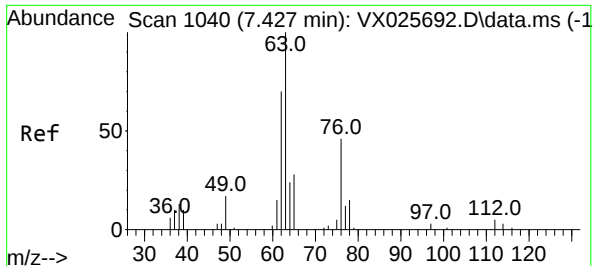
Delta R.T. -0.000 min

Lab File: VX025695.D

Acq: 10 Dec 2021 12:44

Tgt Ion: 97	Resp:	5459
Ion	Ratio	Lower Upper
97	100	
99	65.3	51.5 77.3
61	44.9	33.1 49.7





#37

1,2-Dichloropropane

Concen: 6.098 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025695.D

Acq: 10 Dec 2021 12:44

Instrument :

MSVOA_X

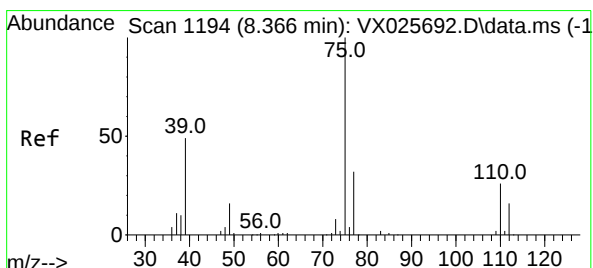
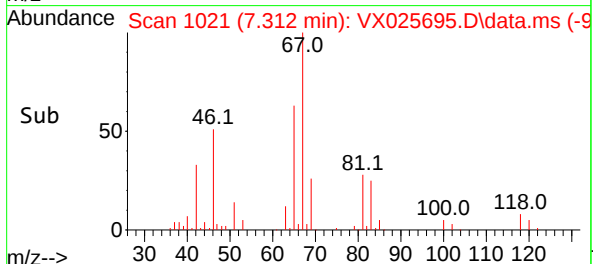
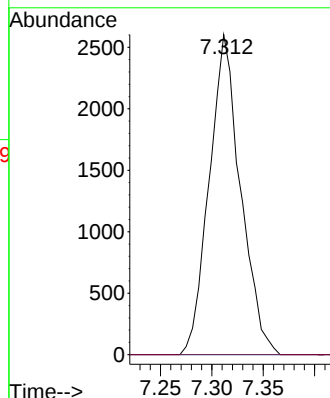
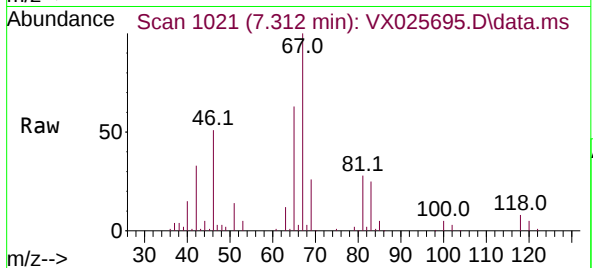
ClientSampleId :

Tgt Ion: 63 Resp: 5526

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.167 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025695.D

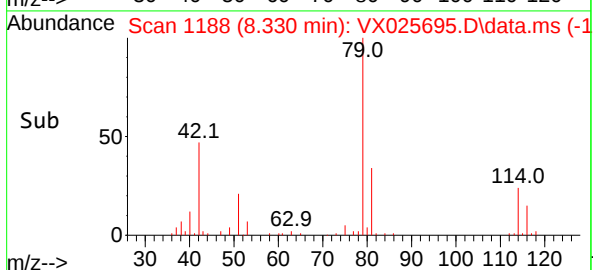
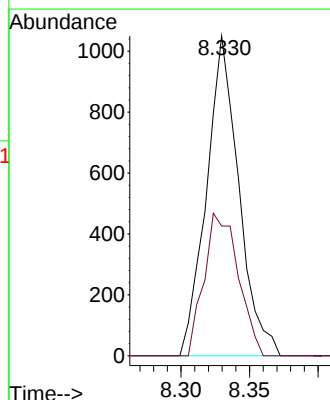
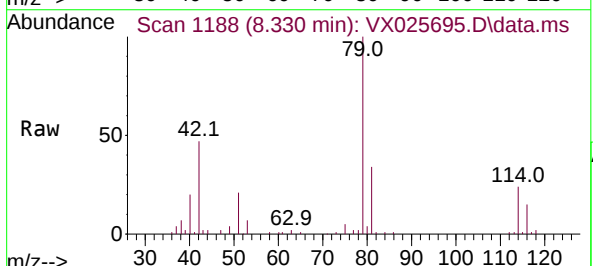
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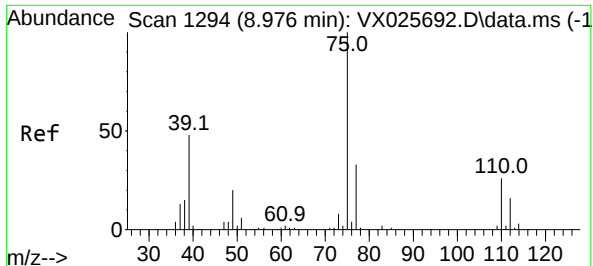
Tgt Ion: 75 Resp: 1723

Ion Ratio Lower Upper

75 100

77 40.6 22.3 41.3

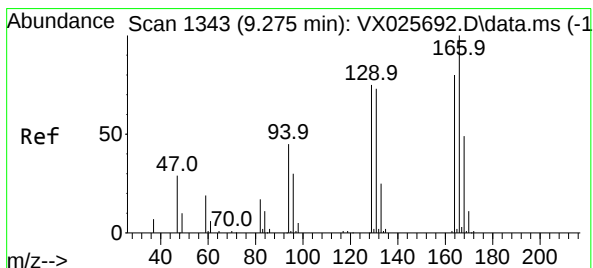
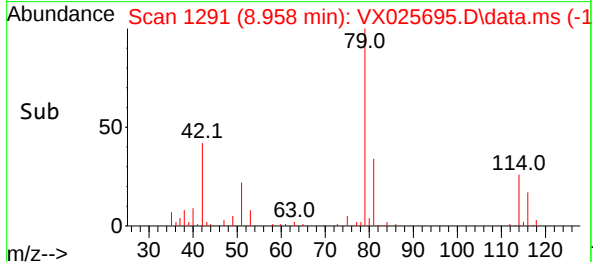
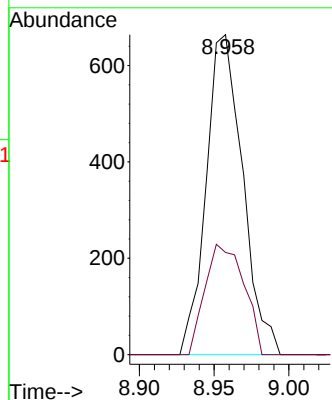
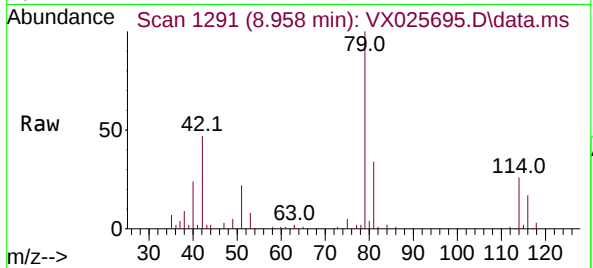




#44
trans-1,3-Dichloropropene
Concen: 0.796 ug/L
RT: 8.958 min Scan# 1129
Delta R.T. -0.018 min
Lab File: VX025695.D
Acq: 10 Dec 2021 12:44

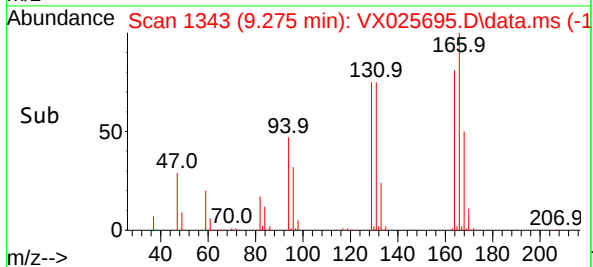
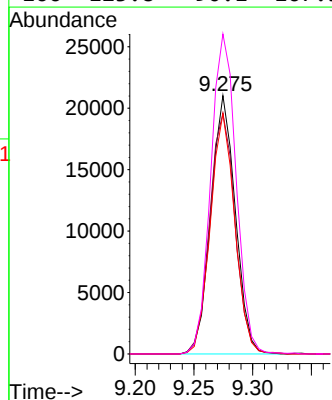
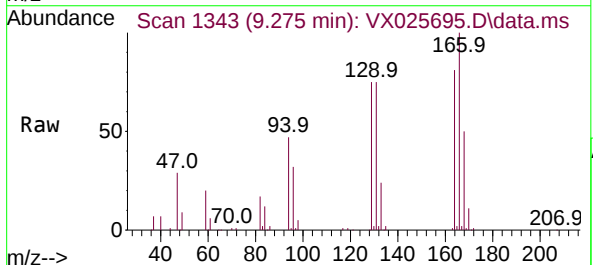
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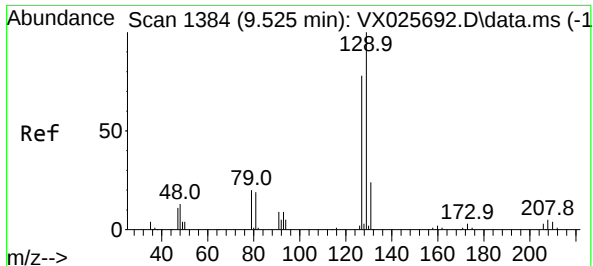
Tgt Ion: 75 Resp: 1129
Ion Ratio Lower Upper
75 100
77 31.9 23.0 42.8



#46
Tetrachloroethene
Concen: 37.793 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025695.D
Acq: 10 Dec 2021 12:44

Tgt Ion: 164 Resp: 30458
Ion Ratio Lower Upper
164 100
129 93.1 64.7 120.1
131 93.0 63.2 117.4
166 123.8 90.1 167.3





#49

Dibromochloromethane

Concen: 26.498 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX025695.D

Acq: 10 Dec 2021 12:44

Instrument :

MSVOA_X

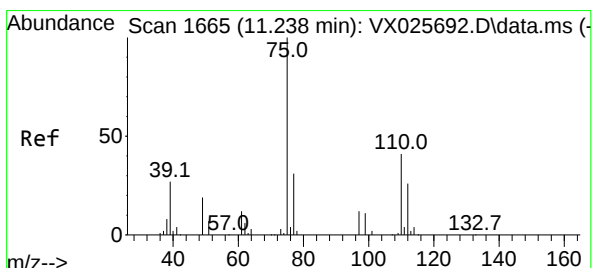
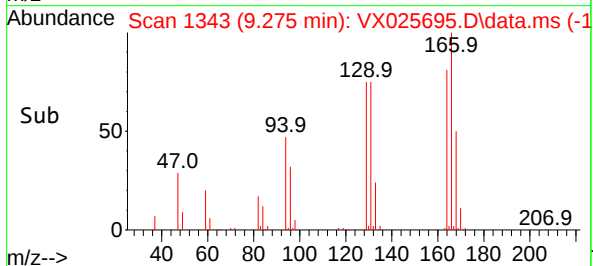
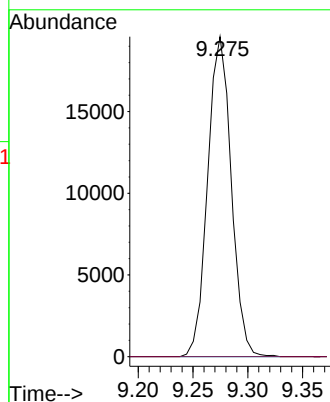
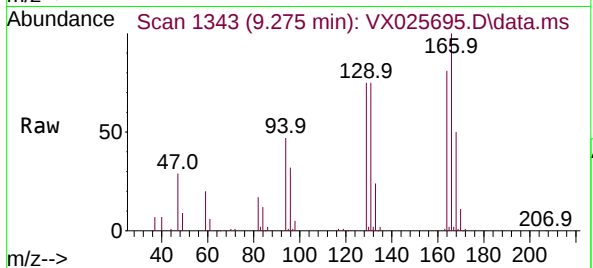
ClientSampleId :

Tgt Ion:129 Resp: 29371

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#61

1,2,3-Trichloropropane

Concen: 6.881 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.786 min

Lab File: VX025695.D

Acq: 10 Dec 2021 12:44

Tgt Ion: 75 Resp: 7639

Ion Ratio Lower Upper

75 100

77 34.8 25.8 38.8

110 3.0 34.7 52.1#

