

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025645.D
 Acq On : 09 Dec 2021 01:19
 Operator : JC/MD
 Sample : M4975-10
 Misc : 6.62g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 03:33:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

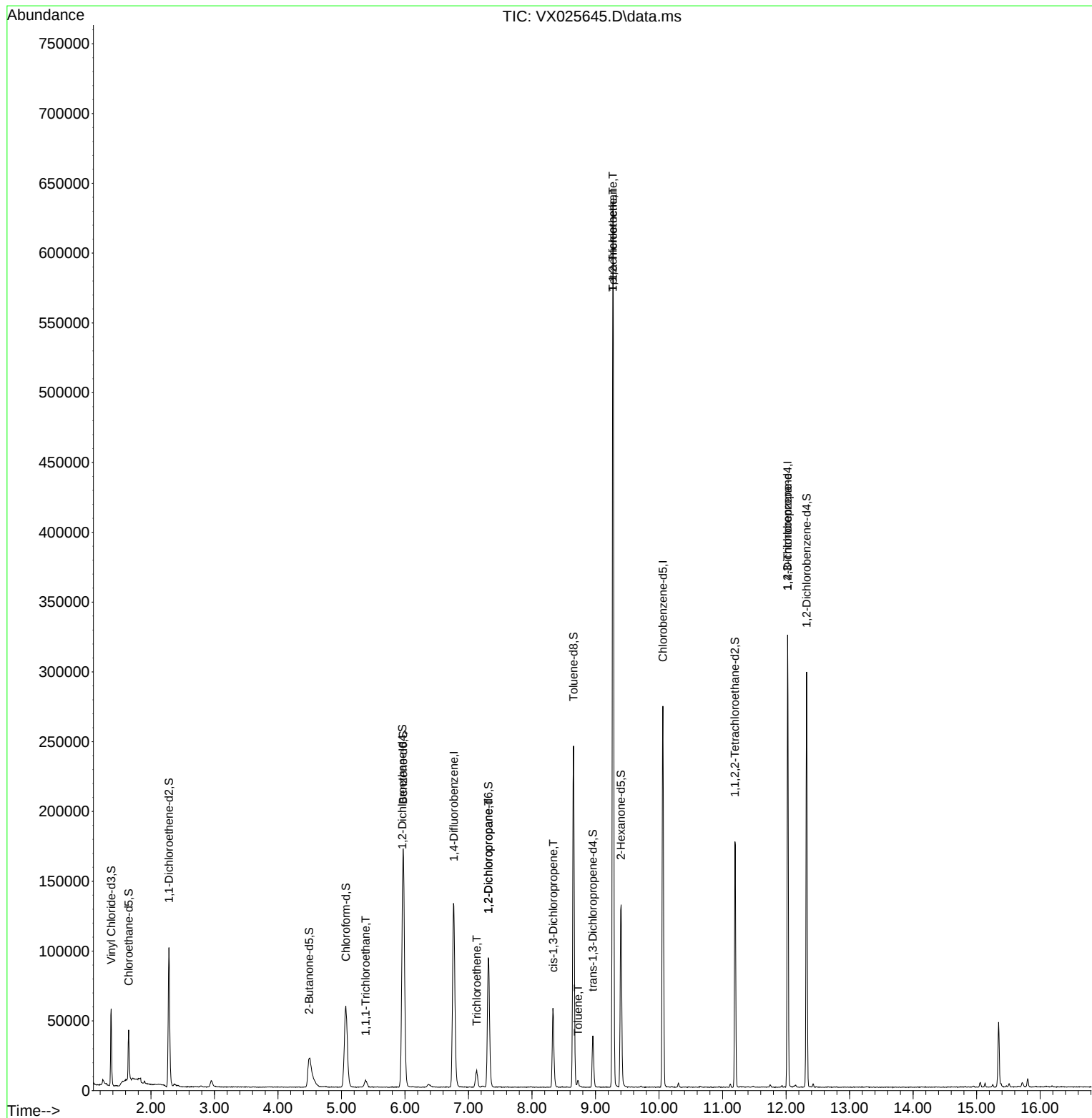
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	154616	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	138934	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68504	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	38897	36.863	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	73.720%		
7) Chloroethane-d5	1.648	69	21521	24.712	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	49.420%#		
11) 1,1-Dichloroethene-d2	2.282	63	57716	34.305	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.600%		
21) 2-Butanone-d5	4.489	46	63465	80.798	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	80.800%		
24) Chloroform-d	5.068	84	78424	42.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.060%		
26) 1,2-Dichloroethane-d4	5.958	65	52070	45.299	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.600%		
32) Benzene-d6	5.970	84	170423	46.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.560%		
36) 1,2-Dichloropropane-d6	7.311	67	51326	45.021	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.040%		
41) Toluene-d8	8.653	98	156086	44.909	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.820%		
43) trans-1,3-Dichloroprop...	8.957	79	20681	36.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.160%		
47) 2-Hexanone-d5	9.402	63	45752	77.096	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.100%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	67212	41.715	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.440%		
66) 1,2-Dichlorobenzene-d4	12.323	152	61994	46.140	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.280%		
Target Compounds						Qvalue
30) 1,1,1-Trichloroethane	5.379	97	4952	3.229	ug/L #	68
34) Trichloroethene	7.128	95	3955	4.051	ug/L	95
37) 1,2-Dichloropropane	7.311	63	5671	6.092	ug/L #	85
39) cis-1,3-Dichloropropene	8.336	75	1505	0.993	ug/L #	65
42) Toluene	8.726	91	3671	0.897	ug/L	95
45) 1,1,2-Trichloroethane	9.274	97	941	0.952	ug/L #	1
46) Tetrachloroethene	9.274	164	123341	148.978	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	7589	6.476	ug/L #	63

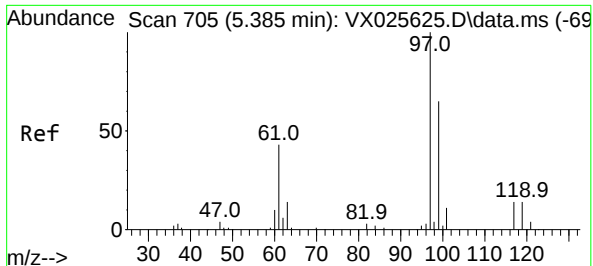
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration





#30

1,1,1-Trichloroethane

Concen: 3.229 ug/L

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX025645.D

Acq: 09 Dec 2021 01:19

Instrument :

MSVOA_X

ClientSampleId :

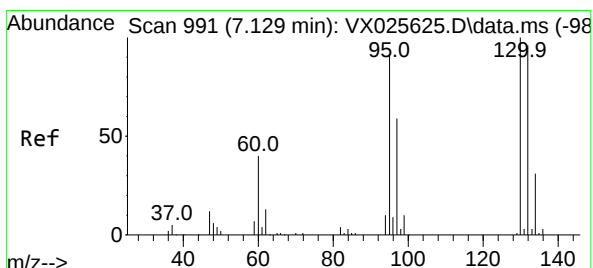
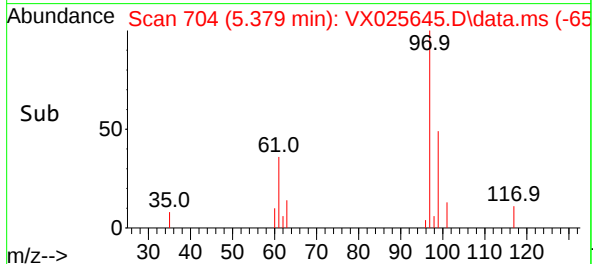
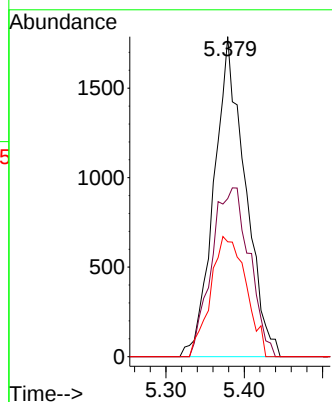
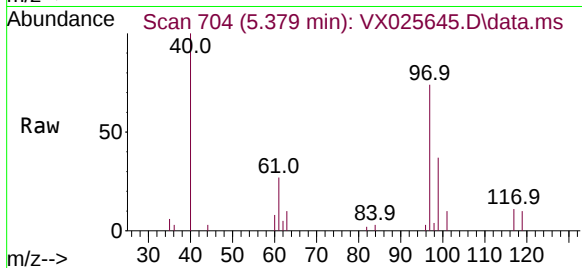
Tgt Ion: 97 Resp: 4952

Ion Ratio Lower Upper

97 100

99 24.4 51.5 77.3#

61 42.5 33.1 49.7



#34

Trichloroethene

Concen: 4.051 ug/L

RT: 7.128 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025645.D

Acq: 09 Dec 2021 01:19

Tgt Ion: 95 Resp: 3955

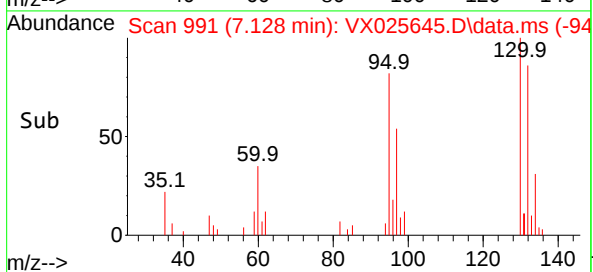
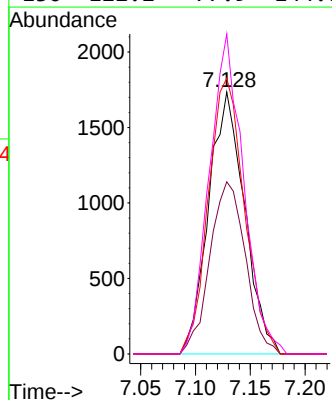
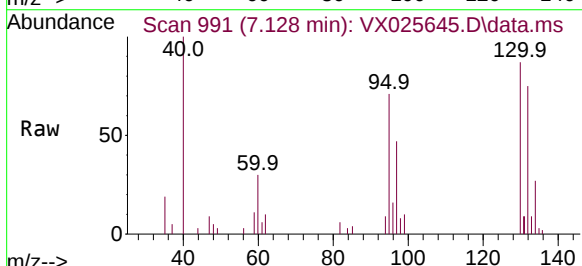
Ion Ratio Lower Upper

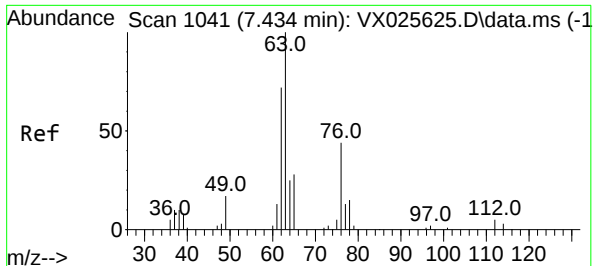
95 100

97 65.7 46.0 85.4

132 105.2 75.0 139.2

130 122.2 77.9 144.7





#37

1,2-Dichloropropane

Concen: 6.092 ug/L

RT: 7.311 min Scan# 110

Delta R.T. -0.122 min

Lab File: VX025645.D

Acq: 09 Dec 2021 01:19

Instrument :

MSVOA_X

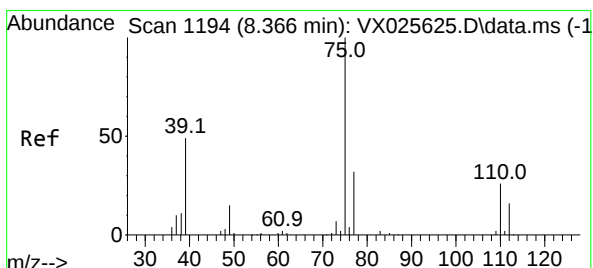
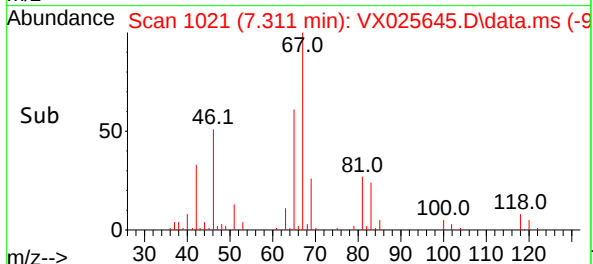
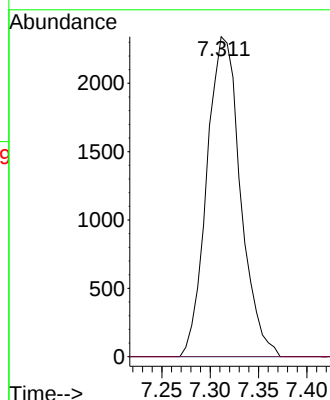
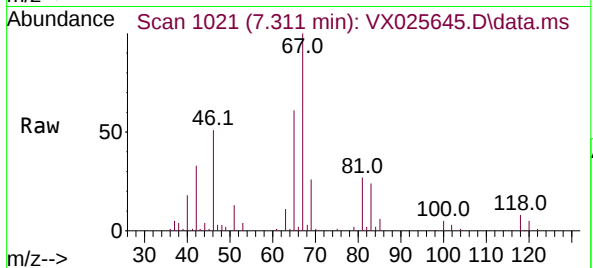
ClientSampleId :

Tgt Ion: 63 Resp: 5671

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.993 ug/L

RT: 8.336 min Scan# 1189

Delta R.T. -0.031 min

Lab File: VX025645.D

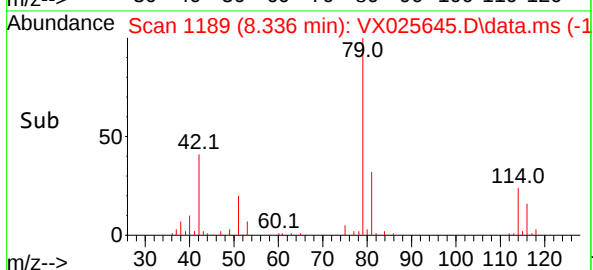
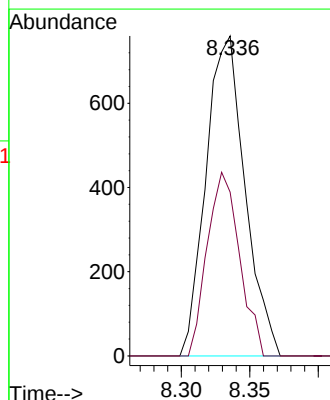
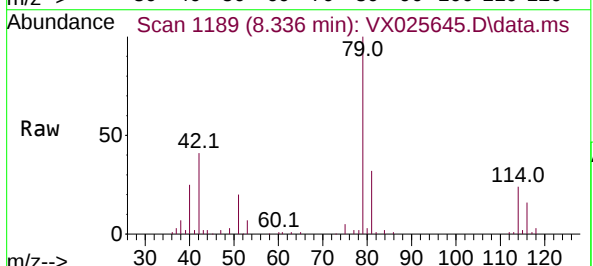
Acq: 09 Dec 2021 01:19

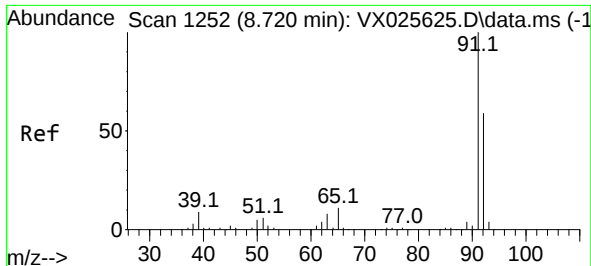
Tgt Ion: 75 Resp: 1505

Ion Ratio Lower Upper

75 100

77 51.2 22.3 41.3#





#42

Toluene

Concen: 0.897 ug/L

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX025645.D

Acq: 09 Dec 2021 01:19

Instrument :

MSVOA_X

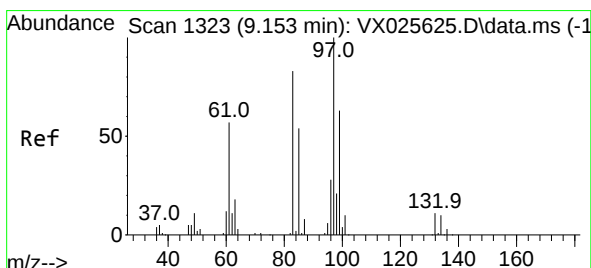
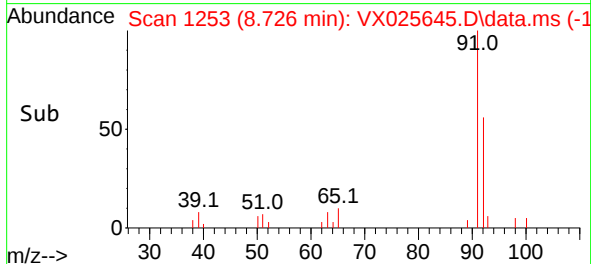
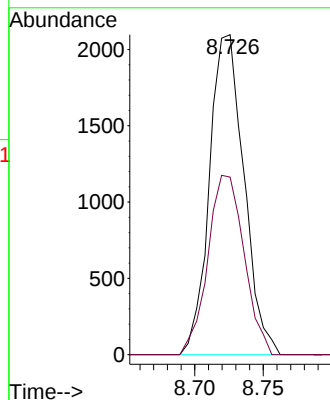
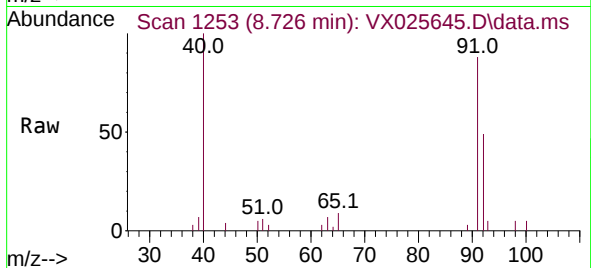
ClientSampleId :

Tgt Ion: 91 Resp: 3671

Ion Ratio Lower Upper

91 100

92 55.5 41.2 76.6



#45

1,1,2-Trichloroethane

Concen: 0.952 ug/L

RT: 9.274 min Scan# 1343

Delta R.T. 0.122 min

Lab File: VX025645.D

Acq: 09 Dec 2021 01:19

Tgt Ion: 97 Resp: 941

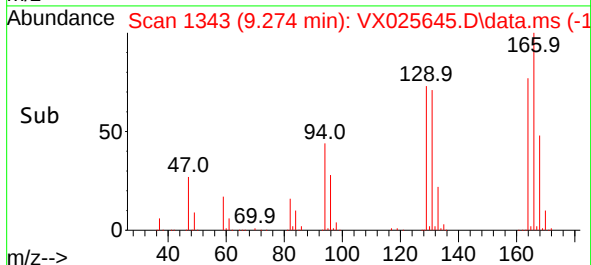
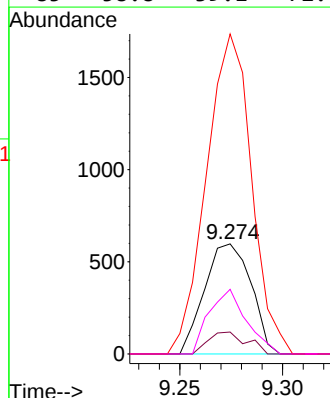
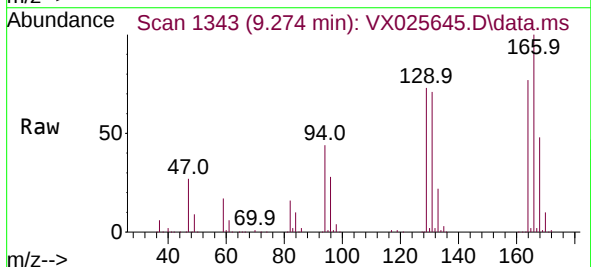
Ion Ratio Lower Upper

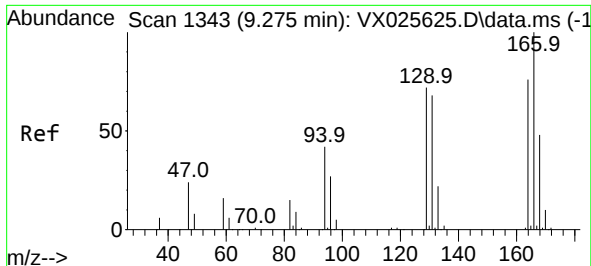
97 100

99 19.9 46.0 85.4#

83 290.8 59.6 110.8#

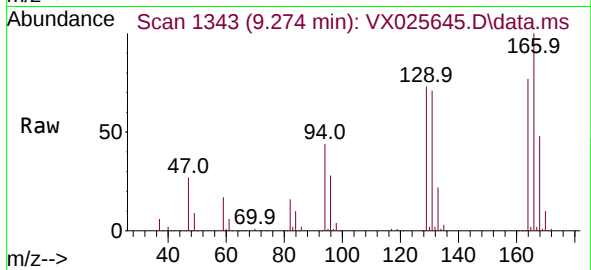
85 58.8 39.1 72.7



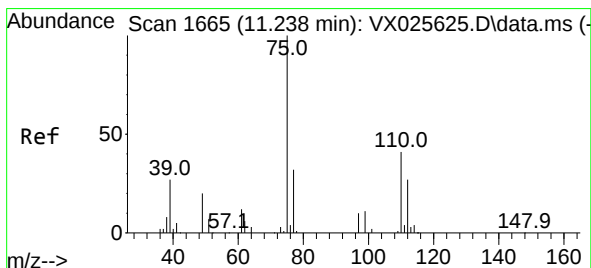
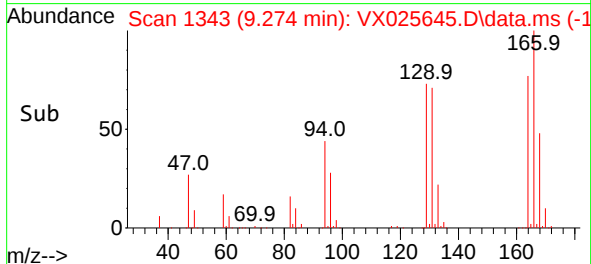
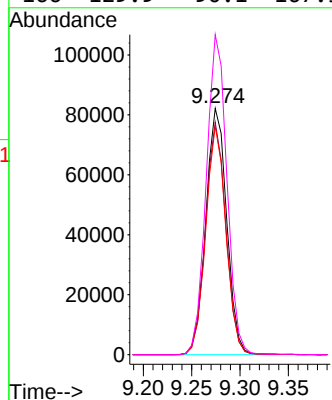


#46
Tetrachloroethene
Concen: 148.978 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025645.D
Acq: 09 Dec 2021 01:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 123341
Ion Ratio Lower Upper
164 100
129 94.3 64.7 120.1
131 92.8 63.2 117.4
166 129.9 90.1 167.3



#61
1,2,3-Trichloropropane
Concen: 6.476 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025645.D
Acq: 09 Dec 2021 01:19

Tgt Ion: 75 Resp: 7589
Ion Ratio Lower Upper
75 100
77 34.2 25.8 38.8
110 3.3 34.7 52.1#

