

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025643.D
 Acq On : 09 Dec 2021 00:32
 Operator : JC/MD
 Sample : M4975-08
 Misc : 6.39g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 09 03:32:59 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

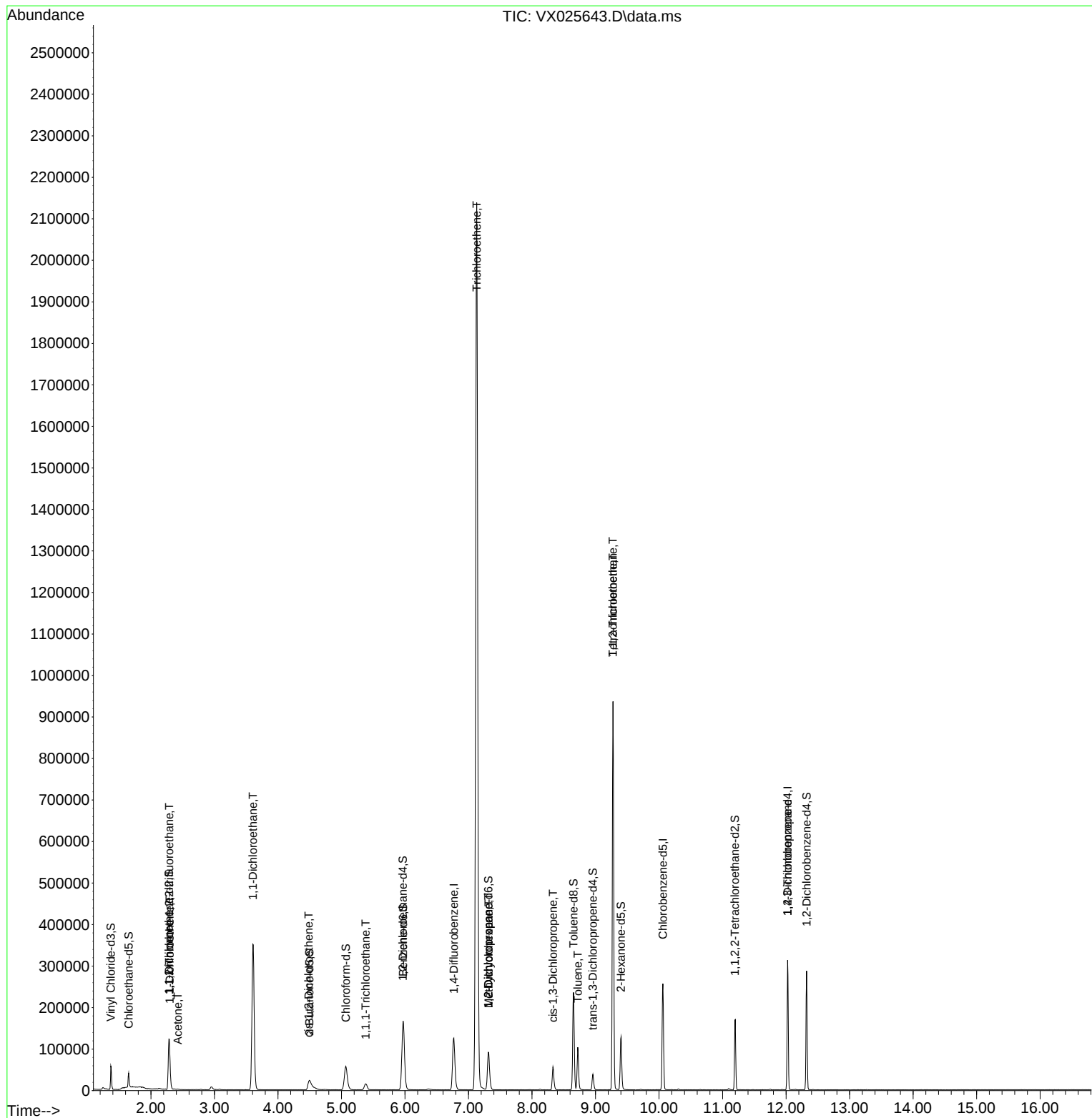
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	151547	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	133863	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67160	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	38561	37.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.560%
7) Chloroethane-d5	1.648	69	21007	24.610	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	49.220%#
11) 1,1-Dichloroethene-d2	2.282	63	64602	39.175	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.360%
21) 2-Butanone-d5	4.495	46	62304	80.926	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.930%
24) Chloroform-d	5.068	84	77207	42.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.420%
26) 1,2-Dichloroethane-d4	5.964	65	51547	45.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
32) Benzene-d6	5.971	84	165966	46.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	7.312	67	50248	45.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.500%
41) Toluene-d8	8.653	98	149683	44.699	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.958	79	20887	37.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.640%
47) 2-Hexanone-d5	9.403	63	45410	79.419	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.420%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	66053	42.549	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.100%
66) 1,2-Dichlorobenzene-d4	12.323	152	60351	45.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.288	101	745	0.848	ug/L #	33
12) 1,1-Dichloroethene	2.294	96	20063	24.654	ug/L #	67
13) Acetone	2.422	43	1983	3.132	ug/L	70
19) 1,1-Dichloroethane	3.605	63	402603	256.596	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	776	0.752	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	14764	9.991	ug/L	98
34) Trichloroethene	7.129	95	835479	888.244	ug/L	96
35) Methylcyclohexane	7.318	83	12388	8.368	ug/L #	19
37) 1,2-Dichloropropane	7.312	63	5634	6.281	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1430	0.979	ug/L #	61
42) Toluene	8.720	91	69664	17.664	ug/L	99
45) 1,1,2-Trichloroethane	9.275	97	1524	1.601	ug/L #	7
46) Tetrachloroethene	9.275	164	185930	233.084	ug/L	98
61) 1,2,3-Trichloropropane	12.024	75	7628	6.640	ug/L #	64

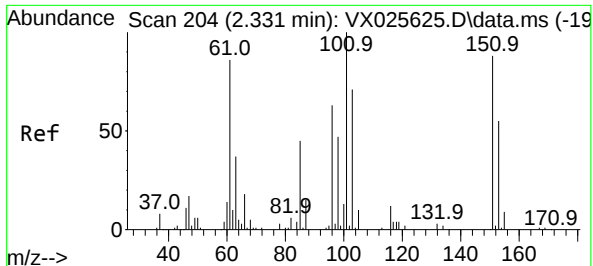
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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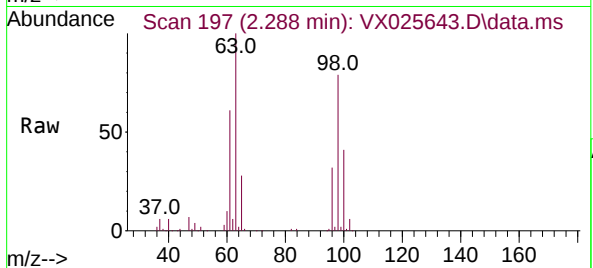
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
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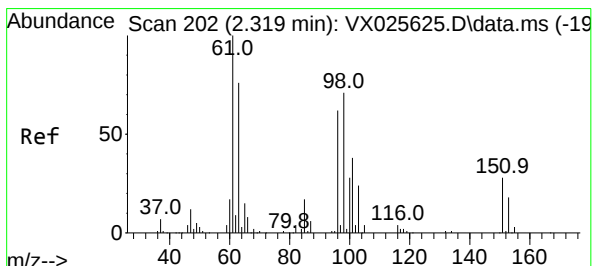
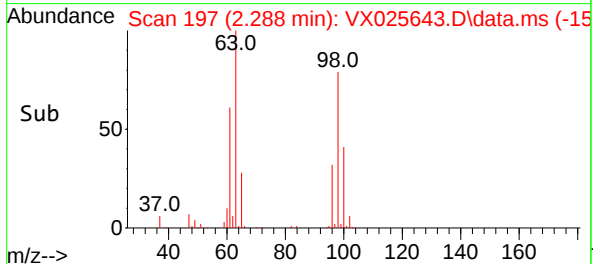
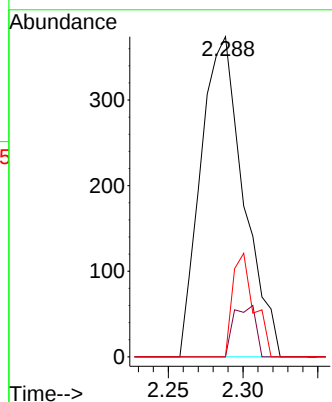


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.848 ug/L
 RT: 2.288 min Scan# 197
 Delta R.T. -0.043 min
 Lab File: VX025643.D
 Acq: 09 Dec 2021 00:32

Instrument :
 MSVOA_X
 ClientSampleId :

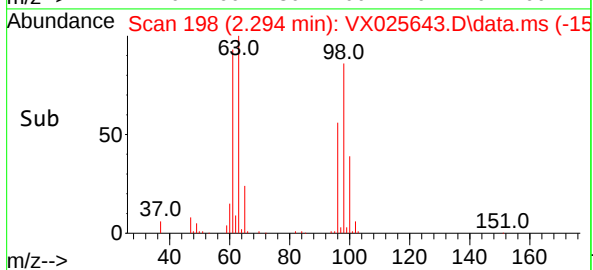
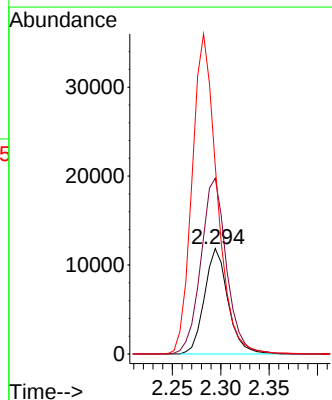
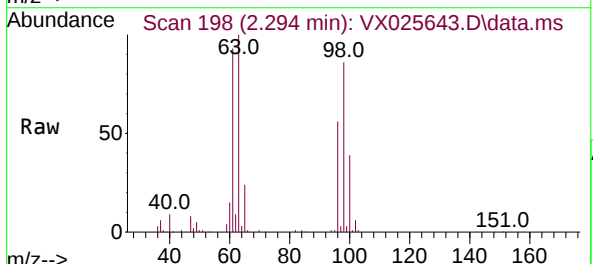


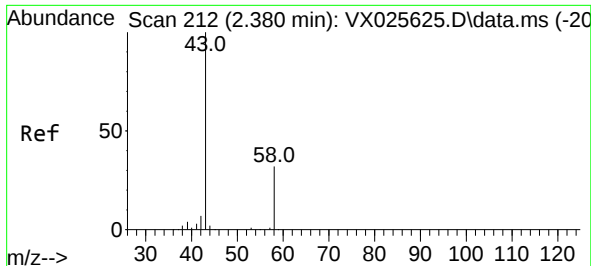
Tgt Ion:101 Resp: 745
 Ion Ratio Lower Upper
 101 100
 85 8.2 34.3 51.5#
 151 16.2 65.2 97.8#



#12
 1,1-Dichloroethene
 Concen: 24.654 ug/L
 RT: 2.294 min Scan# 198
 Delta R.T. -0.024 min
 Lab File: VX025643.D
 Acq: 09 Dec 2021 00:32

Tgt Ion: 96 Resp: 20063
 Ion Ratio Lower Upper
 96 100
 61 166.8 108.7 201.9
 63 178.9 76.3 141.7#





#13

Acetone

Concen: 3.132 ug/L

RT: 2.422 min Scan# 21

Delta R.T. 0.043 min

Lab File: VX025643.D

Acq: 09 Dec 2021 00:32

Instrument :

MSVOA_X

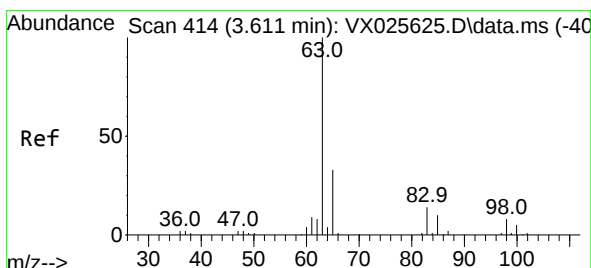
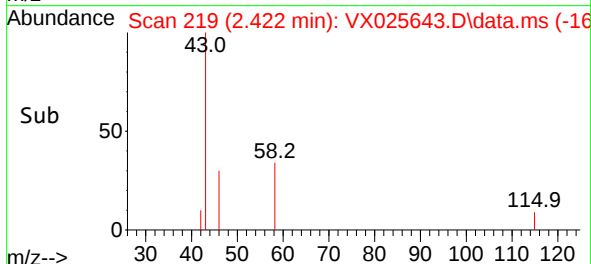
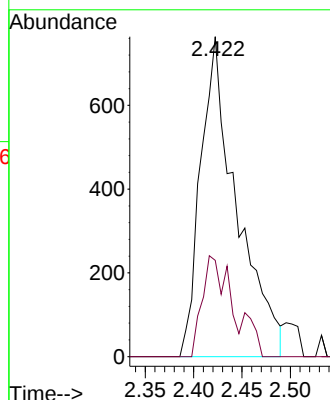
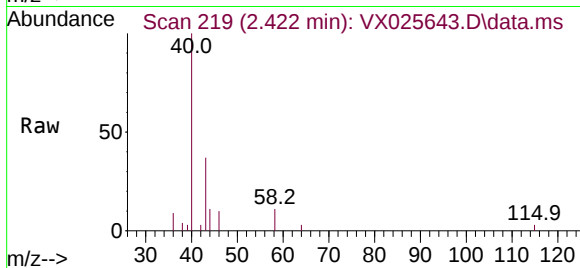
ClientSampleId :

Tgt Ion: 43 Resp: 1983

Ion Ratio Lower Upper

43 100

58 15.9 0.0 65.6



#19

1,1-Dichloroethane

Concen: 256.596 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX025643.D

Acq: 09 Dec 2021 00:32

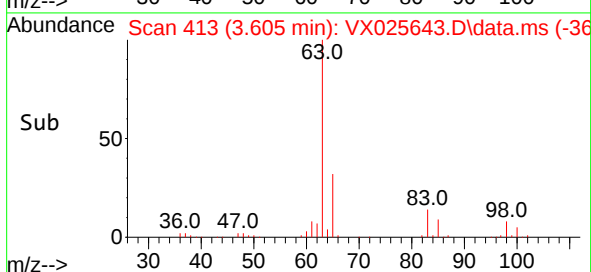
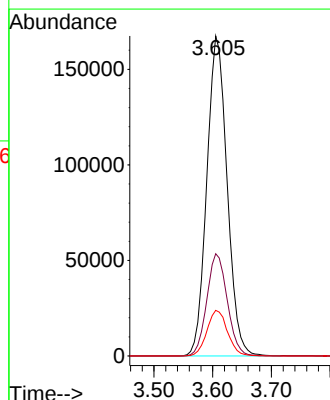
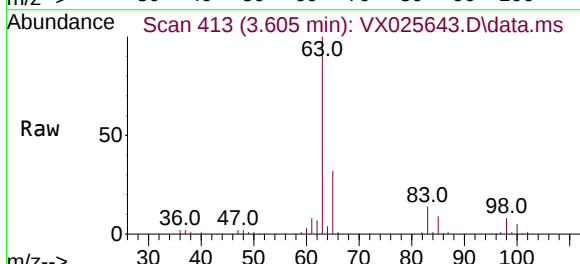
Tgt Ion: 63 Resp: 402603

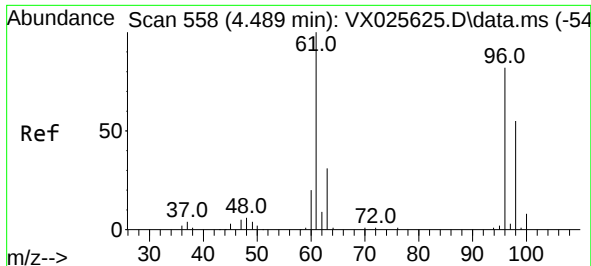
Ion Ratio Lower Upper

63 100

65 32.0 22.2 41.2

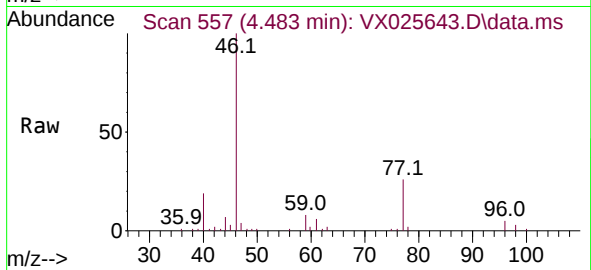
83 14.3 10.2 19.0



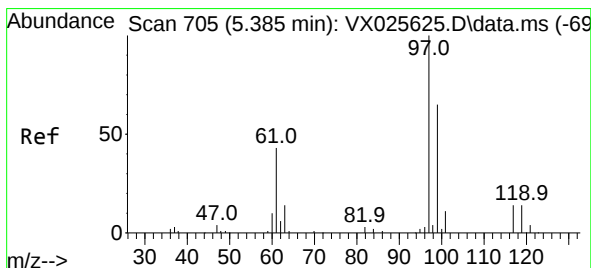
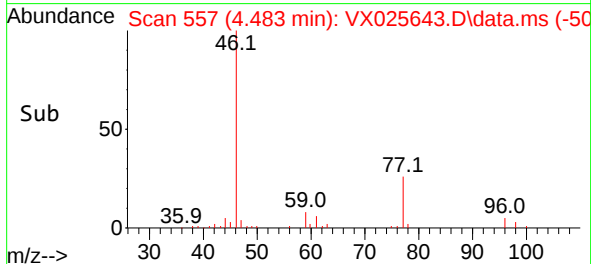
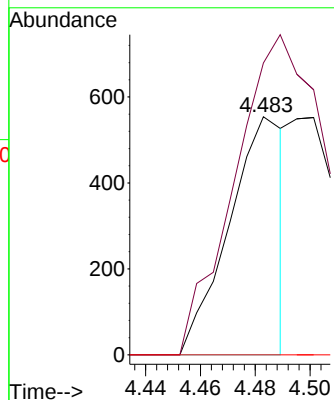


#20
 cis-1,2-Dichloroethene
 Concen: 0.752 ug/L
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX025643.D
 Acq: 09 Dec 2021 00:32

Instrument :
 MSVOA_X
 ClientSampleId :

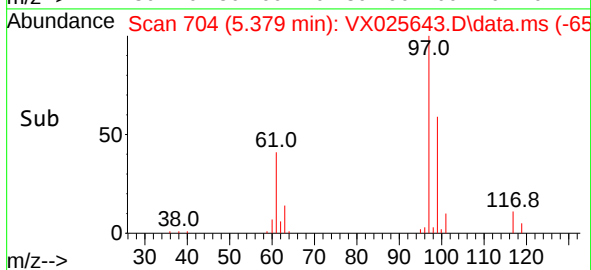
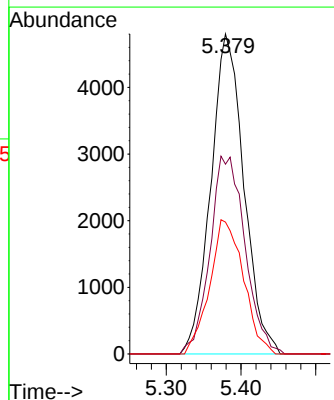
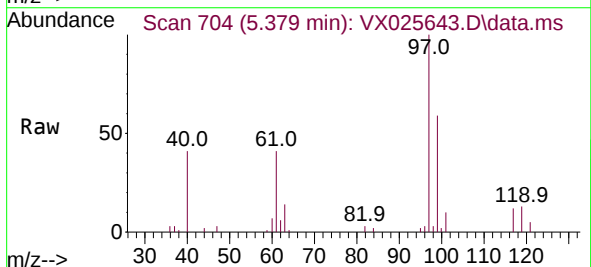


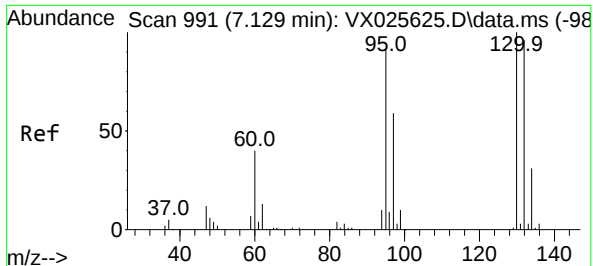
Tgt Ion:	96	Resp:	776
Ion	Ratio	Lower	Upper
96	100		
61	122.6	82.3	152.8
68	0.0	0.0	0.0



#30
 1,1,1-Trichloroethane
 Concen: 9.991 ug/L
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX025643.D
 Acq: 09 Dec 2021 00:32

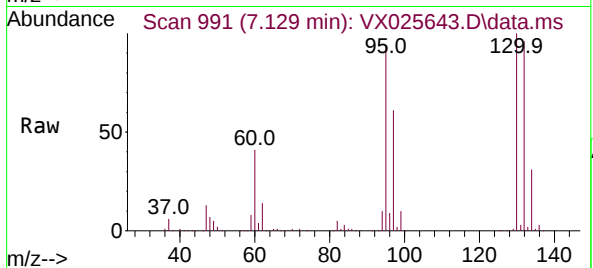
Tgt Ion:	97	Resp:	14764
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.5	77.3
61	42.8	33.1	49.7





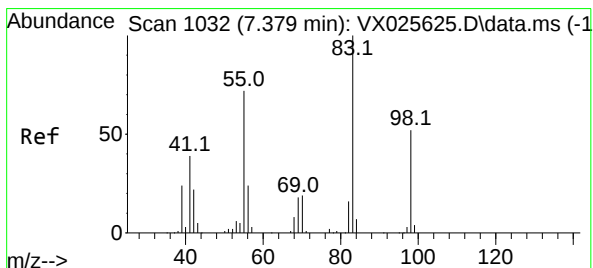
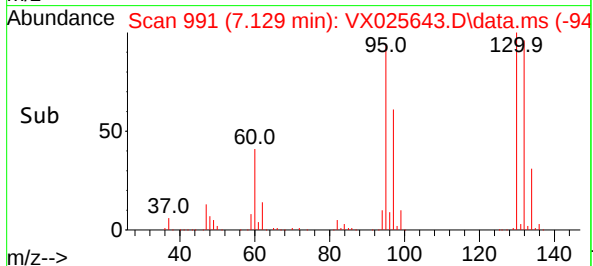
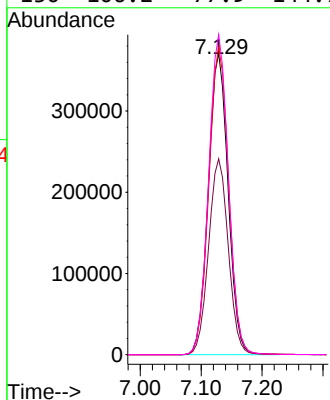
#34
Trichloroethene
Concen: 888.244 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025643.D
Acq: 09 Dec 2021 00:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 835479

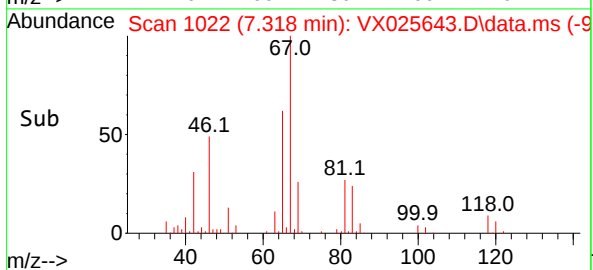
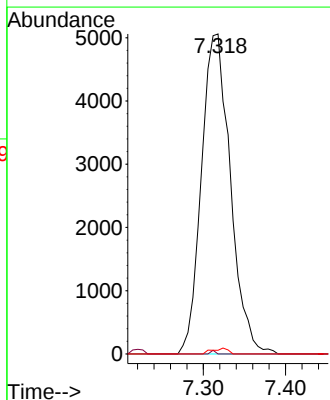
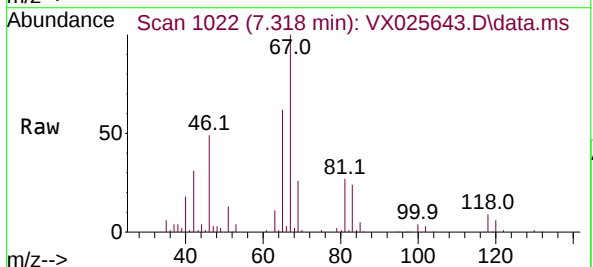
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.0	85.4
132	102.1	75.0	139.2
130	106.2	77.9	144.7

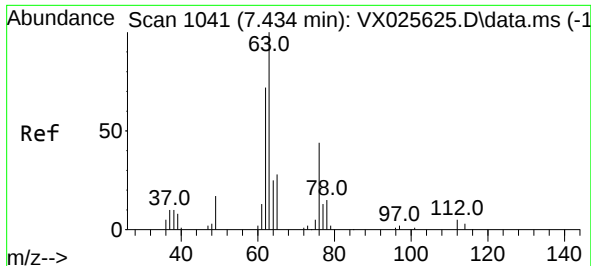


#35
Methylcyclohexane
Concen: 8.368 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.061 min
Lab File: VX025643.D
Acq: 09 Dec 2021 00:32

Tgt Ion: 83 Resp: 12388

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	0.6	41.1	61.7#





#37

1,2-Dichloropropane

Concen: 6.281 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025643.D

Acq: 09 Dec 2021 00:32

Instrument :

MSVOA_X

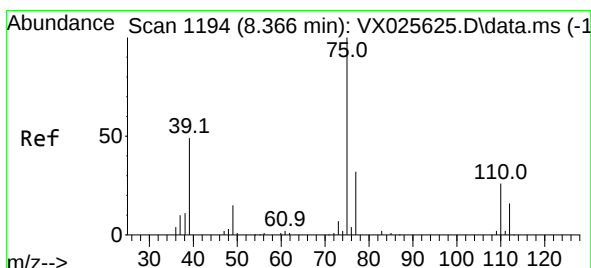
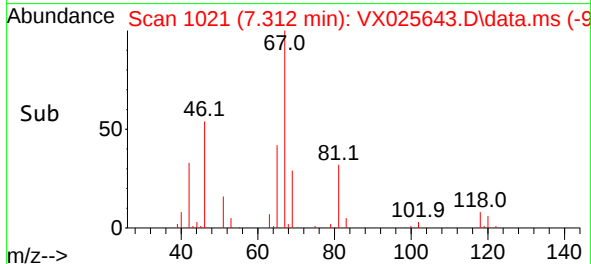
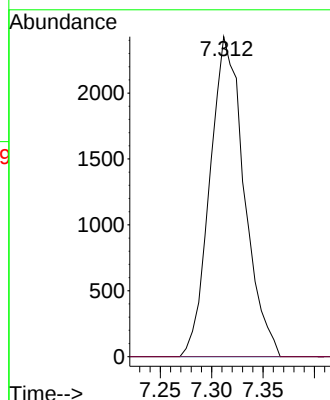
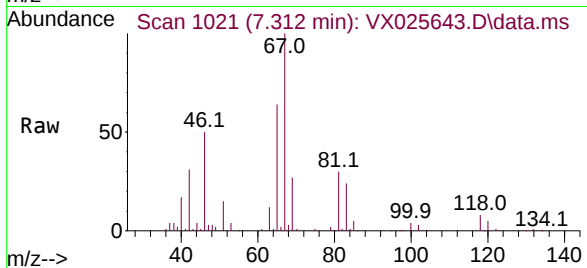
ClientSampleId :

Tgt Ion: 63 Resp: 5634

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.979 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025643.D

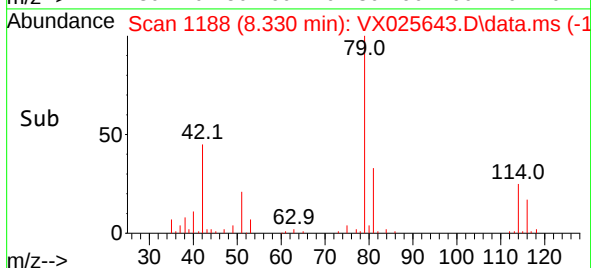
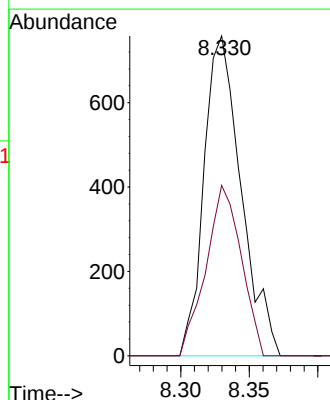
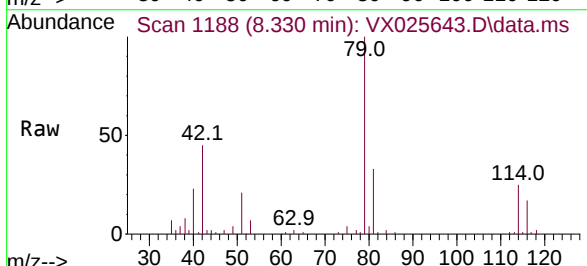
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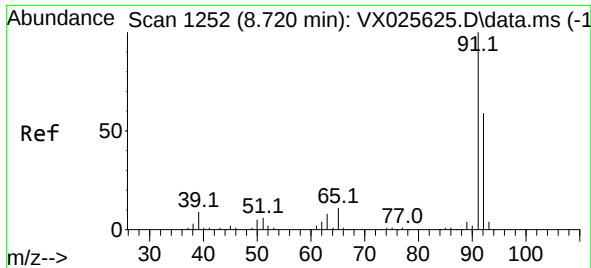
Tgt Ion: 75 Resp: 1430

Ion Ratio Lower Upper

75 100

77 53.3 22.3 41.3#





#42

Toluene

Concen: 17.664 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025643.D

Acq: 09 Dec 2021 00:32

Instrument :

MSVOA_X

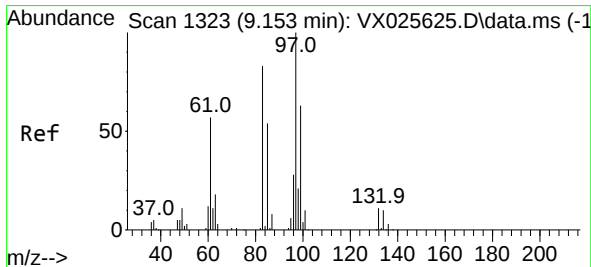
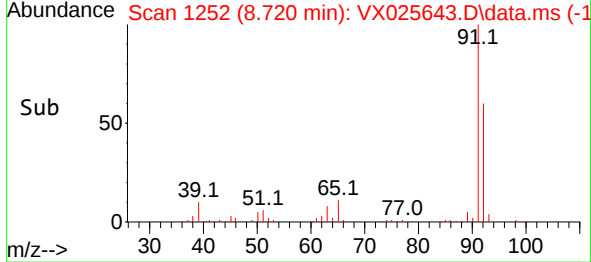
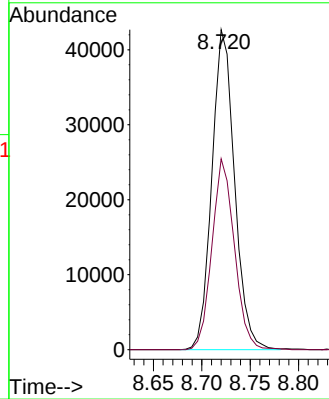
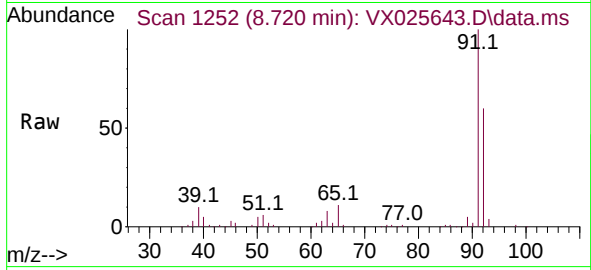
ClientSampleId :

Tgt Ion: 91 Resp: 69664

Ion Ratio Lower Upper

91 100

92 59.7 41.2 76.6



#45

1,1,2-Trichloroethane

Concen: 1.601 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.122 min

Lab File: VX025643.D

Acq: 09 Dec 2021 00:32

Tgt Ion: 97 Resp: 1524

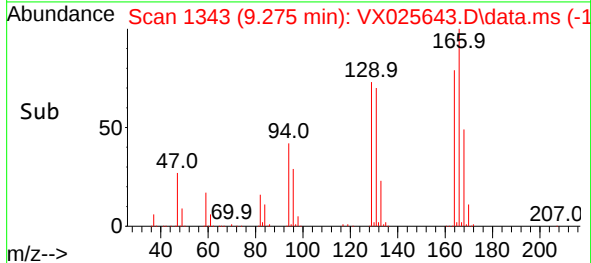
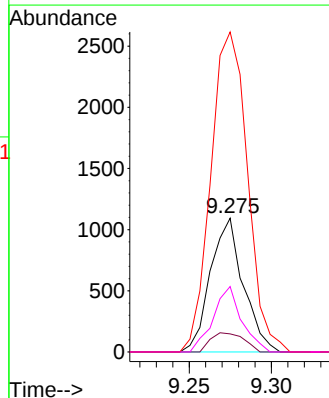
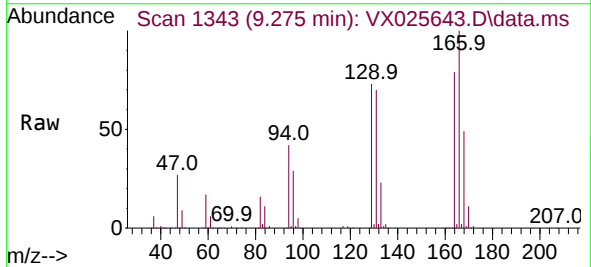
Ion Ratio Lower Upper

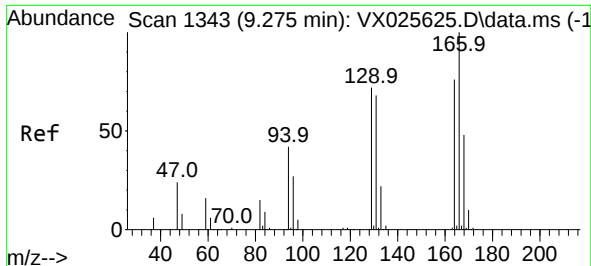
97 100

99 13.5 46.0 85.4#

83 239.1 59.6 110.8#

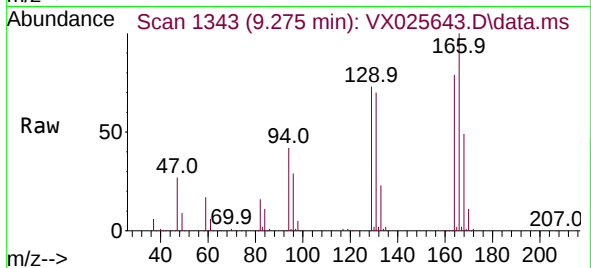
85 48.9 39.1 72.7



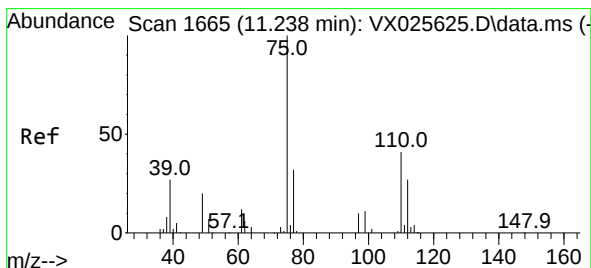
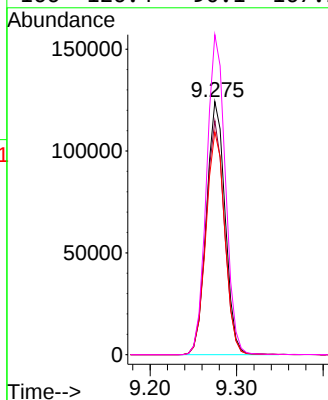
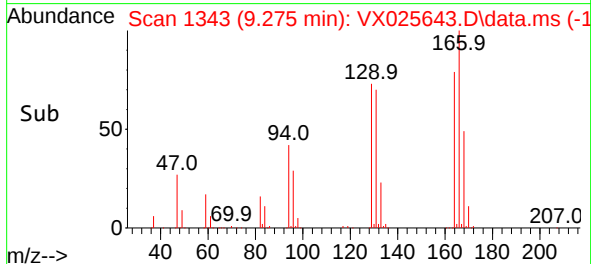


#46
Tetrachloroethene
Concen: 233.084 ug/L
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025643.D
Acq: 09 Dec 2021 00:32

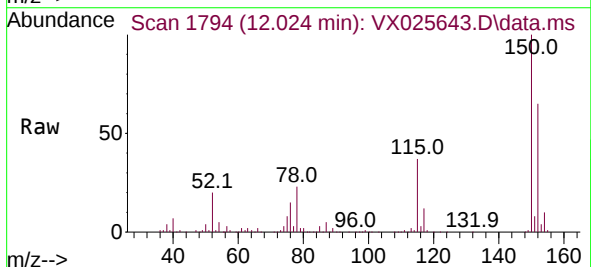
Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:164 Resp: 185930
Ion Ratio Lower Upper
164 100
129 92.4 64.7 120.1
131 88.0 63.2 117.4
166 126.4 90.1 167.3



#61
1,2,3-Trichloropropane
Concen: 6.640 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025643.D
Acq: 09 Dec 2021 00:32



Tgt Ion: 75 Resp: 7628
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.8
110 3.4 34.7 52.1#

