

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025744.D
 Acq On : 11 Dec 2021 15:35
 Operator : JC/MD
 Sample : M4997-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R5

Quant Time: Dec 12 06:35:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

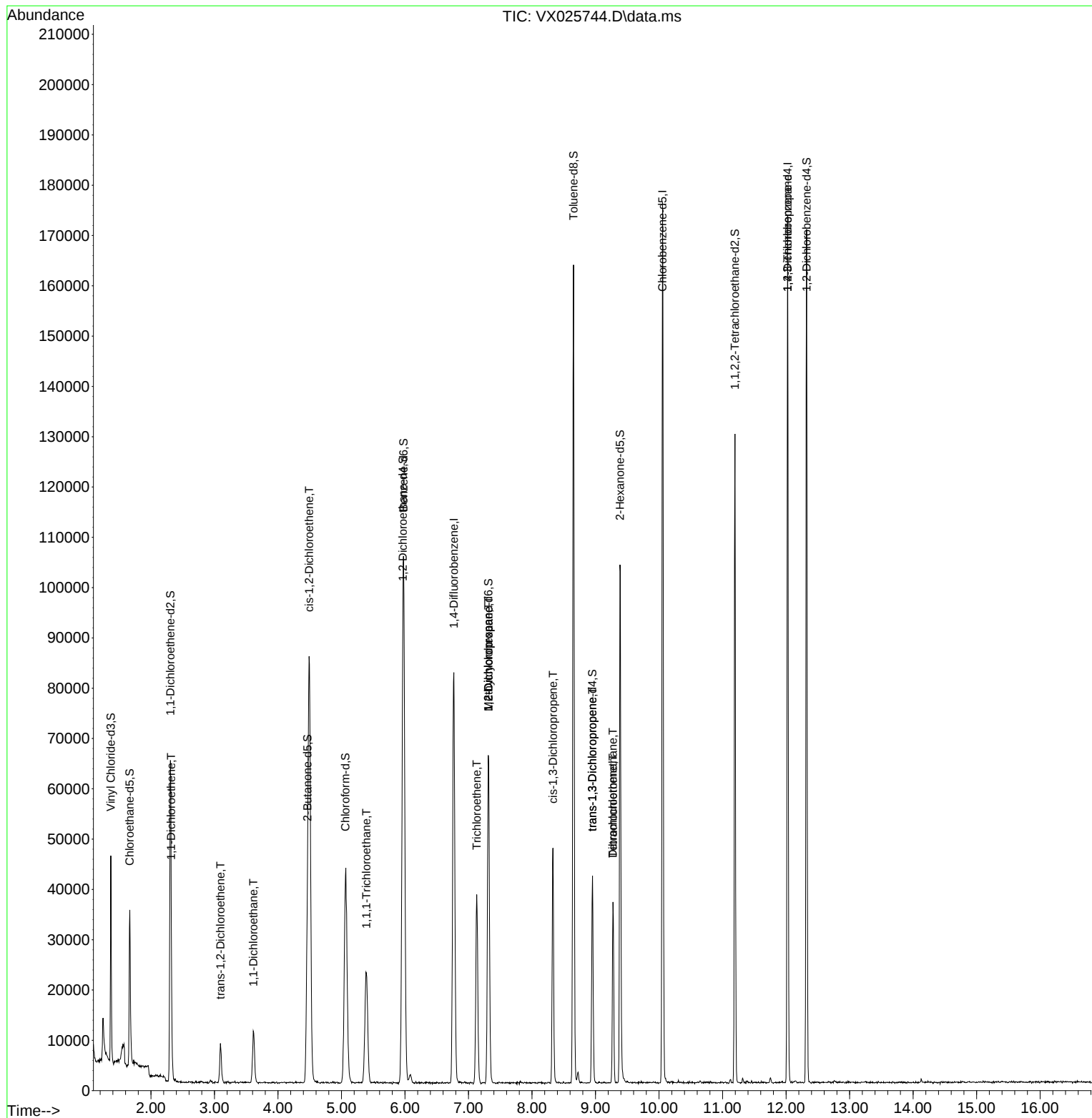
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	84846	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	79895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34413	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	23624	40.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.600%
7) Chloroethane-d5	1.666	69	21630	45.261	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.520%
11) 1,1-Dichloroethene-d2	2.307	63	35951	38.940	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.880%
21) 2-Butanone-d5	4.465	46	42887	99.498	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.500%
24) Chloroform-d	5.062	84	51777	51.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.320%
26) 1,2-Dichloroethane-d4	5.964	65	35295	55.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.900%
32) Benzene-d6	5.977	84	101414	47.894	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
36) 1,2-Dichloropropane-d6	7.312	67	32082	48.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	8.653	98	92737	46.400	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.952	79	15148	45.958	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
47) 2-Hexanone-d5	9.385	63	30407	89.101	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46758	50.465	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	33286	49.316	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.640%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.319	96	959	2.105	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	3107	6.334	ug/L	86
19) 1,1-Dichloroethane	3.611	63	11189	12.737	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	49196	85.110	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	22236	25.212	ug/L	99
34) Trichloroethene	7.129	95	13731	24.459	ug/L	95
35) Methylcyclohexane	7.312	83	7721	8.738	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3824	7.143	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1160	1.330	ug/L #	73
44) trans-1,3-Dichloropropene	8.952	75	733	0.875	ug/L #	46
46) Tetrachloroethene	9.275	164	6521	13.697	ug/L	89
49) Dibromochloromethane	9.275	129	6403	9.779	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	4424	7.515	ug/L #	62

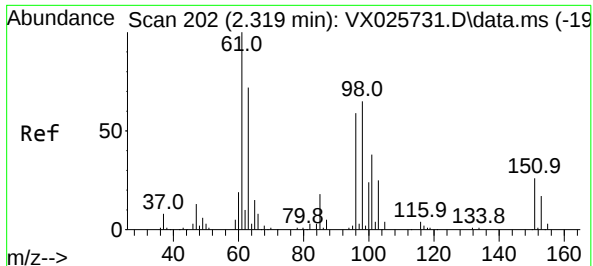
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.105 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025744.D

Acq: 11 Dec 2021 15:35

Instrument :

MSVOA_X

ClientSampleId :

EW5R5

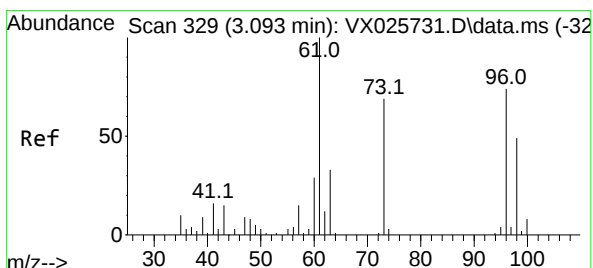
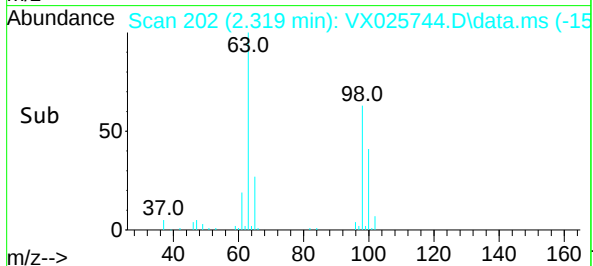
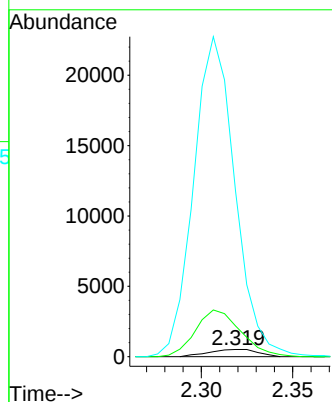
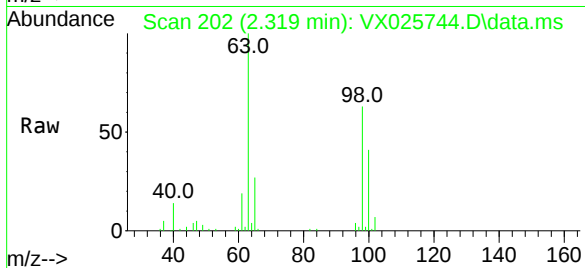
Tgt Ion: 96 Resp: 959

Ion Ratio Lower Upper

96 100

61 425.8 108.7 201.9#

63 2295.9 76.3 141.7#



#17

trans-1,2-Dichloroethene

Concen: 6.334 ug/L

RT: 3.093 min Scan# 329

Delta R.T. -0.000 min

Lab File: VX025744.D

Acq: 11 Dec 2021 15:35

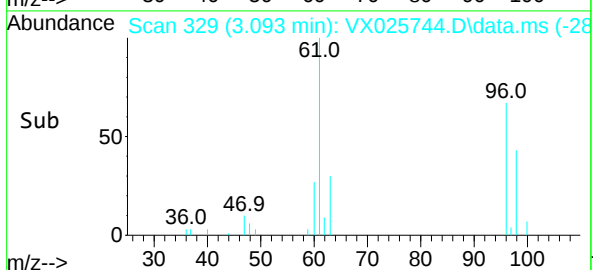
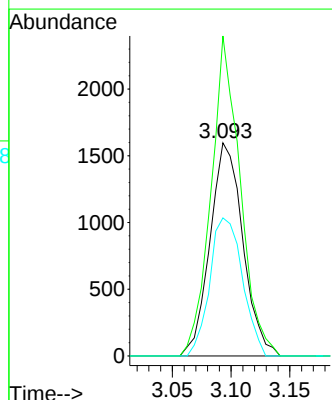
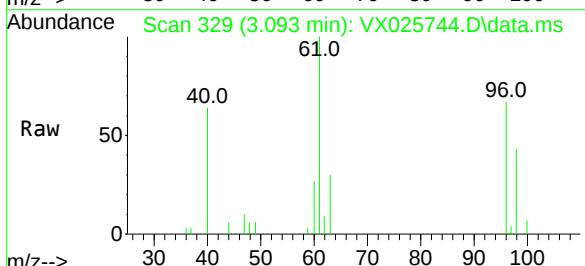
Tgt Ion: 96 Resp: 3107

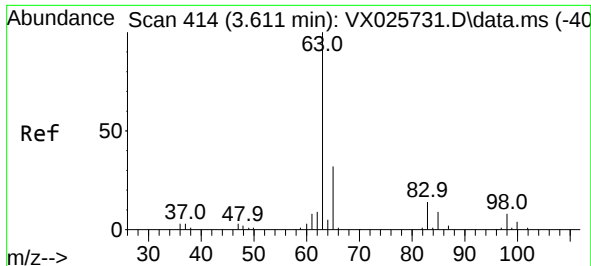
Ion Ratio Lower Upper

96 100

61 150.2 88.5 164.4

98 64.8 44.3 82.3





#19

1,1-Dichloroethane

Concen: 12.737 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX025744.D

Acq: 11 Dec 2021 15:35

Instrument :

MSVOA_X

ClientSampleId :

EW5R5

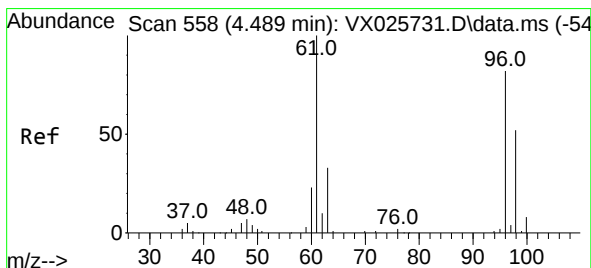
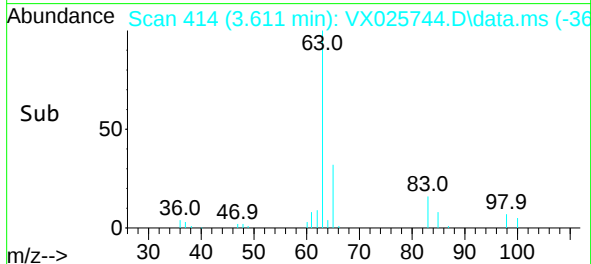
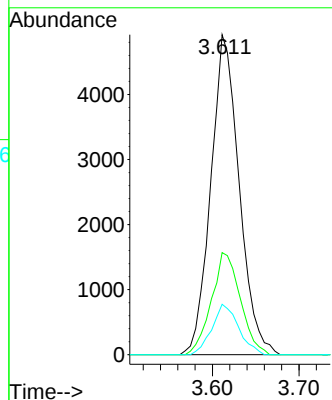
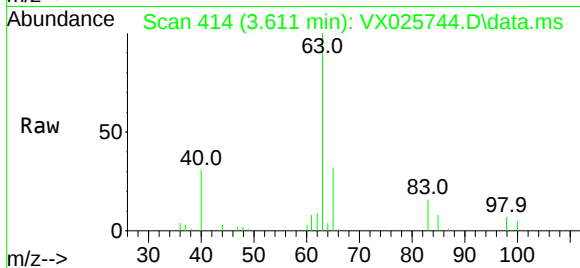
Tgt Ion: 63 Resp: 11189

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 15.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 85.110 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX025744.D

Acq: 11 Dec 2021 15:35

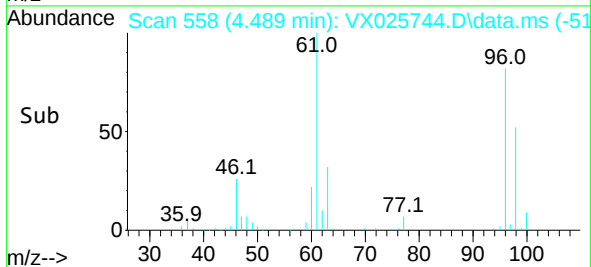
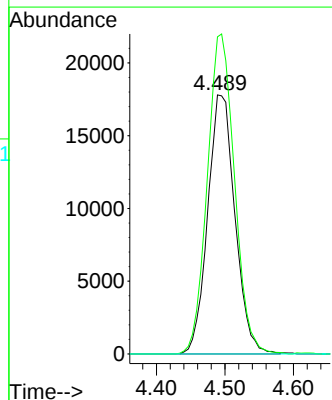
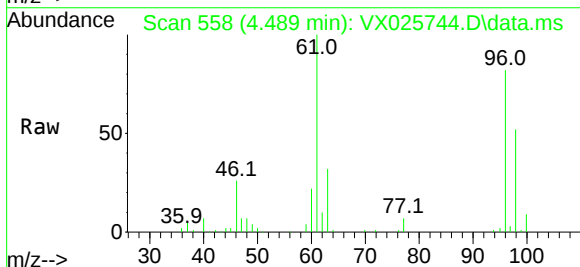
Tgt Ion: 96 Resp: 49196

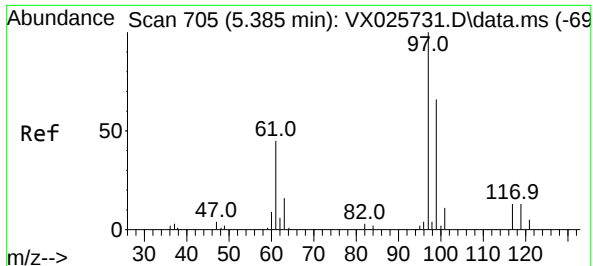
Ion Ratio Lower Upper

96 100

61 122.4 82.3 152.8

68 0.0 0.0 0.0

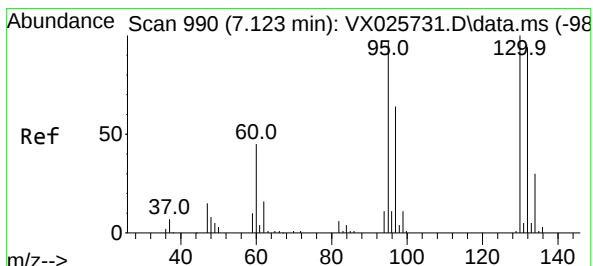
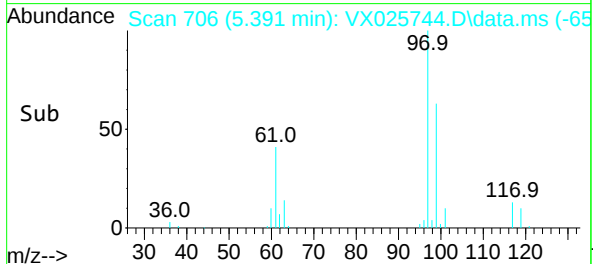
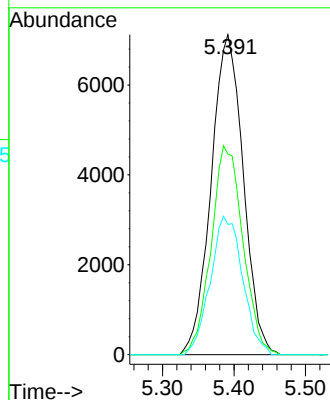
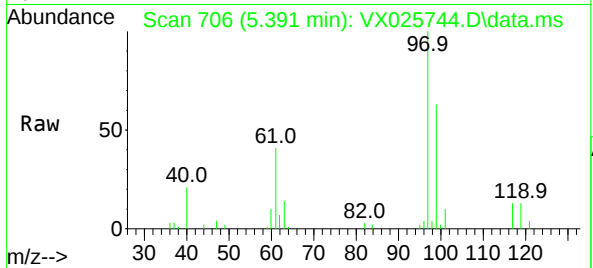




#30
1,1,1-Trichloroethane
Concen: 25.212 ug/L
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX025744.D
Acq: 11 Dec 2021 15:35

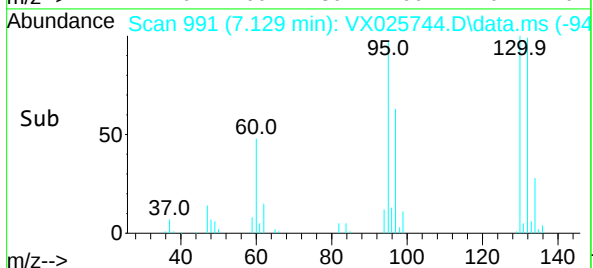
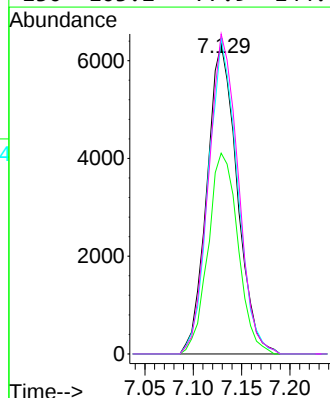
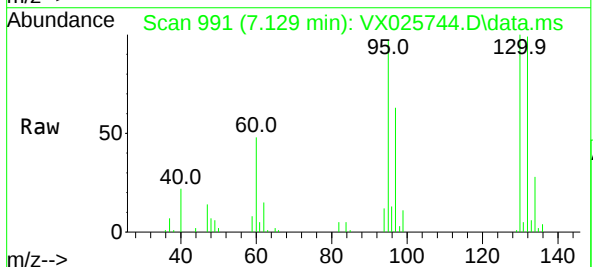
Instrument :
MSVOA_X
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EW5R5

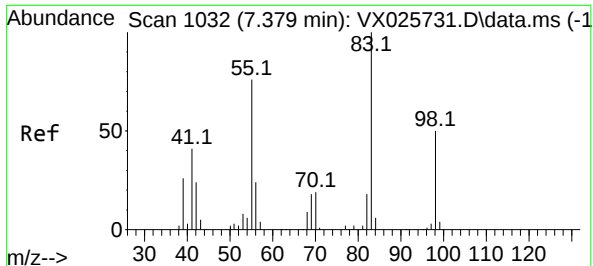
Tgt Ion: 97 Resp: 22236
Ion Ratio Lower Upper
97 100
99 64.5 51.5 77.3
61 43.5 33.1 49.7



#34
Trichloroethene
Concen: 24.459 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025744.D
Acq: 11 Dec 2021 15:35

Tgt Ion: 95 Resp: 13731
Ion Ratio Lower Upper
95 100
97 64.7 46.0 85.4
132 101.7 75.0 139.2
130 103.2 77.9 144.7





#35

Methylcyclohexane

Concen: 8.738 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.073 min

Lab File: VX025744.D

Acq: 11 Dec 2021 15:35

Instrument :

MSVOA_X

ClientSampleId :

EW5R5

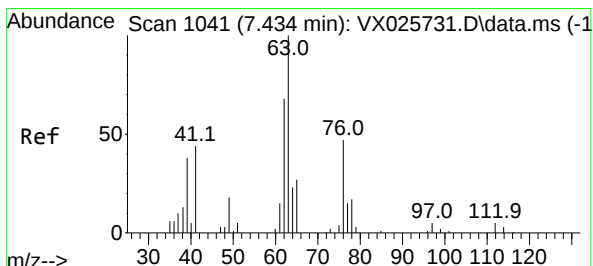
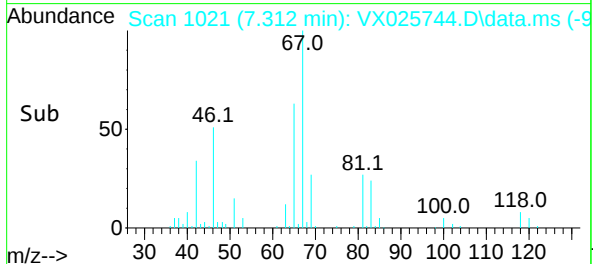
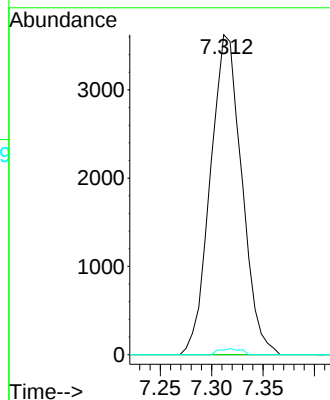
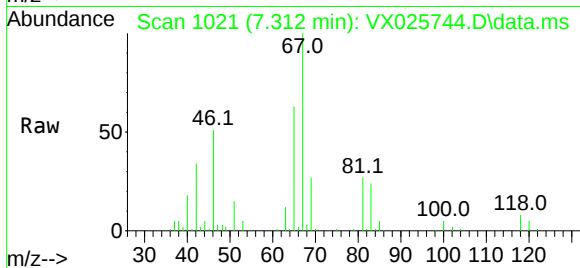
Tgt Ion: 83 Resp: 7721

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.3 41.1 61.7#



#37

1,2-Dichloropropane

Concen: 7.143 ug/L

RT: 7.312 min Scan# 1021

Delta R.T. -0.122 min

Lab File: VX025744.D

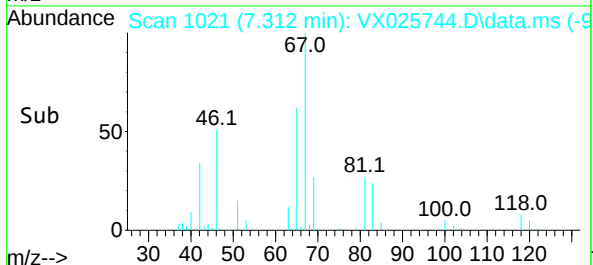
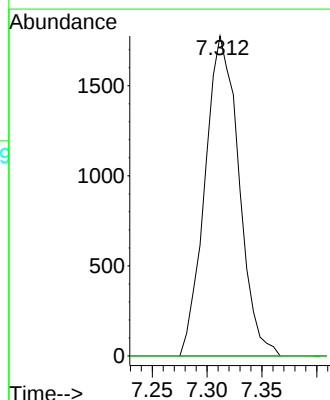
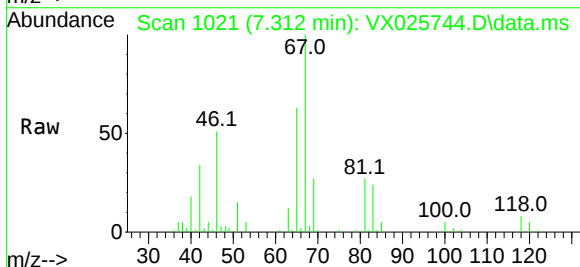
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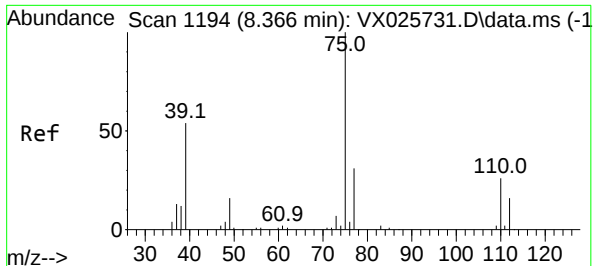
Tgt Ion: 63 Resp: 3824

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.330 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025744.D

Acq: 11 Dec 2021 15:35

Instrument :

MSVOA_X

ClientSampleId :

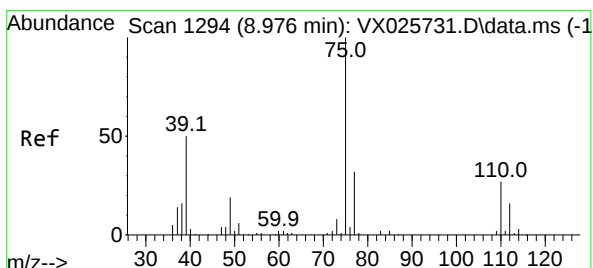
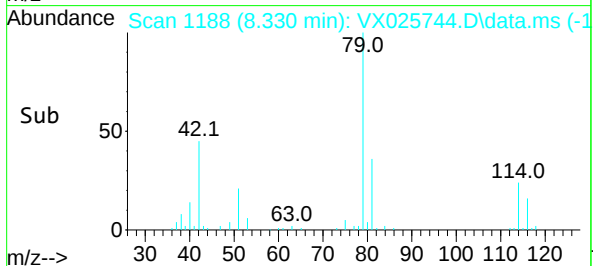
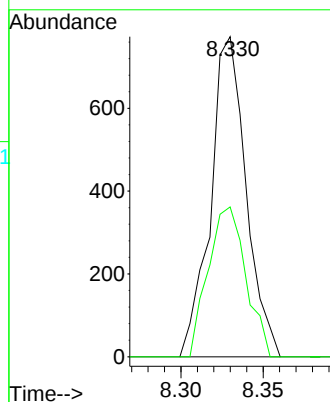
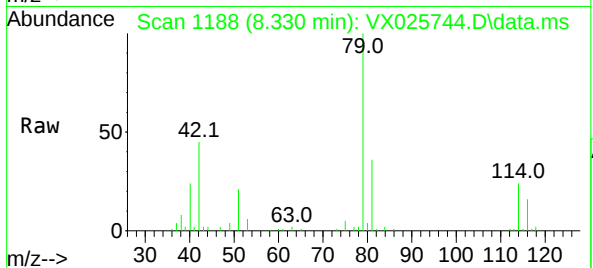
EW5R5

Tgt Ion: 75 Resp: 1160

Ion Ratio Lower Upper

75 100

77 46.8 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.875 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025744.D

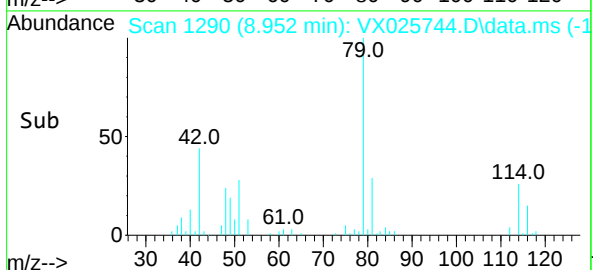
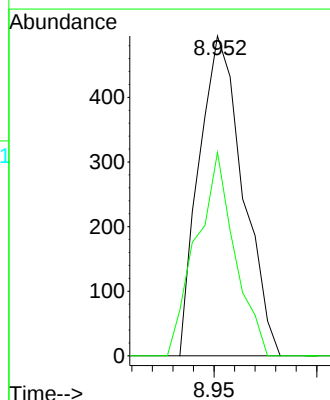
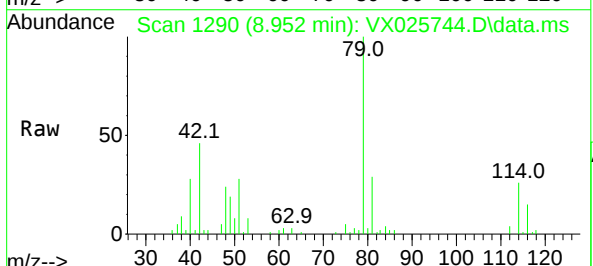
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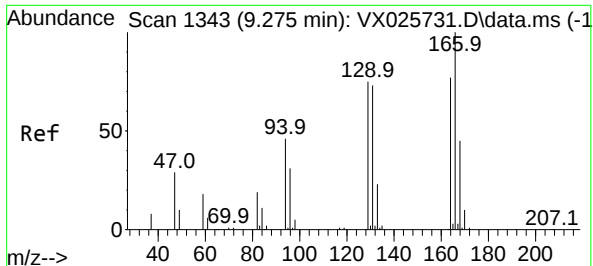
Tgt Ion: 75 Resp: 733

Ion Ratio Lower Upper

75 100

77 63.6 23.0 42.8#



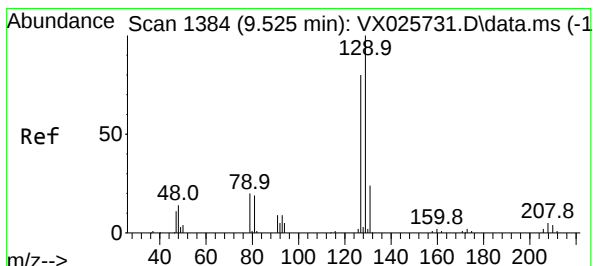
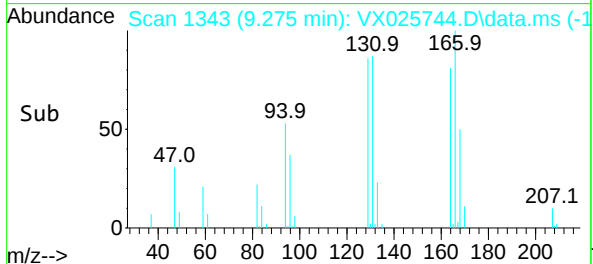
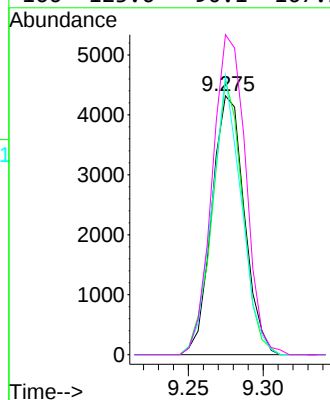
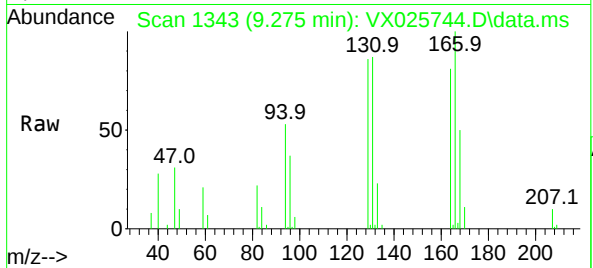


#46
Tetrachloroethene
Concen: 13.697 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025744.D
Acq: 11 Dec 2021 15:35

Instrument :
MSVOA_X
ClientSampleId :
EW5R5

Tgt Ion:164 Resp: 6521

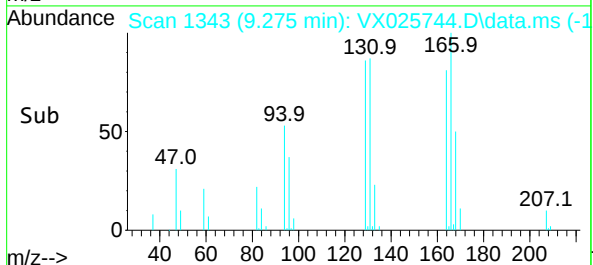
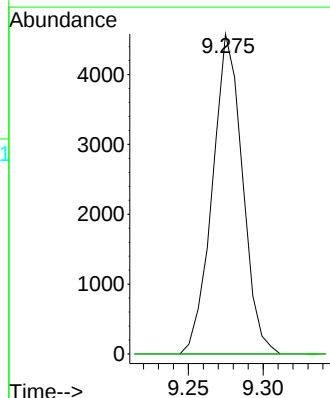
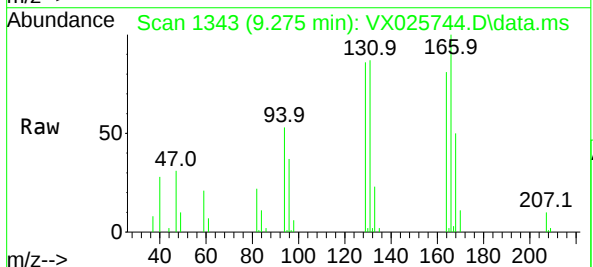
Ion	Ratio	Lower	Upper
164	100		
129	106.1	64.7	120.1
131	107.7	63.2	117.4
166	123.6	90.1	167.3

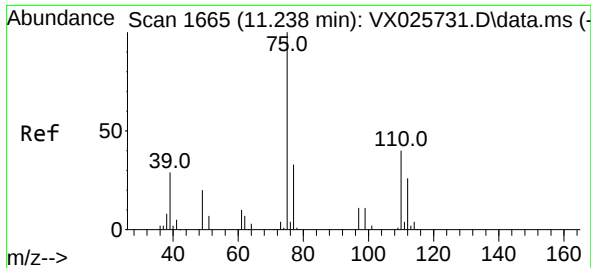


#49
Dibromochloromethane
Concen: 9.779 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025744.D
Acq: 11 Dec 2021 15:35

Tgt Ion:129 Resp: 6403

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#61
 1,2,3-Trichloropropane
 Concen: 7.515 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025744.D
 Acq: 11 Dec 2021 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R5

Tgt Ion: 75 Resp: 4424
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.8 38.8
 110 3.0 34.7 52.1#

