

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025743.D
 Acq On : 11 Dec 2021 15:12
 Operator : JC/MD
 Sample : M4997-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R3

Quant Time: Dec 12 06:35:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.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	84565	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	78030	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	34083	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	23687	41.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.080%
7) Chloroethane-d5	1.666	69	21734	45.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.260%
11) 1,1-Dichloroethene-d2	2.306	63	37255	40.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.980%
21) 2-Butanone-d5	4.459	46	45550	106.028	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.030%
24) Chloroform-d	5.062	84	52279	51.832	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.660%
26) 1,2-Dichloroethane-d4	5.964	65	35202	55.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.980%
32) Benzene-d6	5.983	84	102278	49.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
36) 1,2-Dichloropropane-d6	7.312	67	31507	49.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	8.653	98	93841	48.074	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.140%
43) trans-1,3-Dichloroprop...	8.952	79	15286	47.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.960%
47) 2-Hexanone-d5	9.384	63	31689	95.078	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.080%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48030	53.077	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	33502	50.116	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.240%

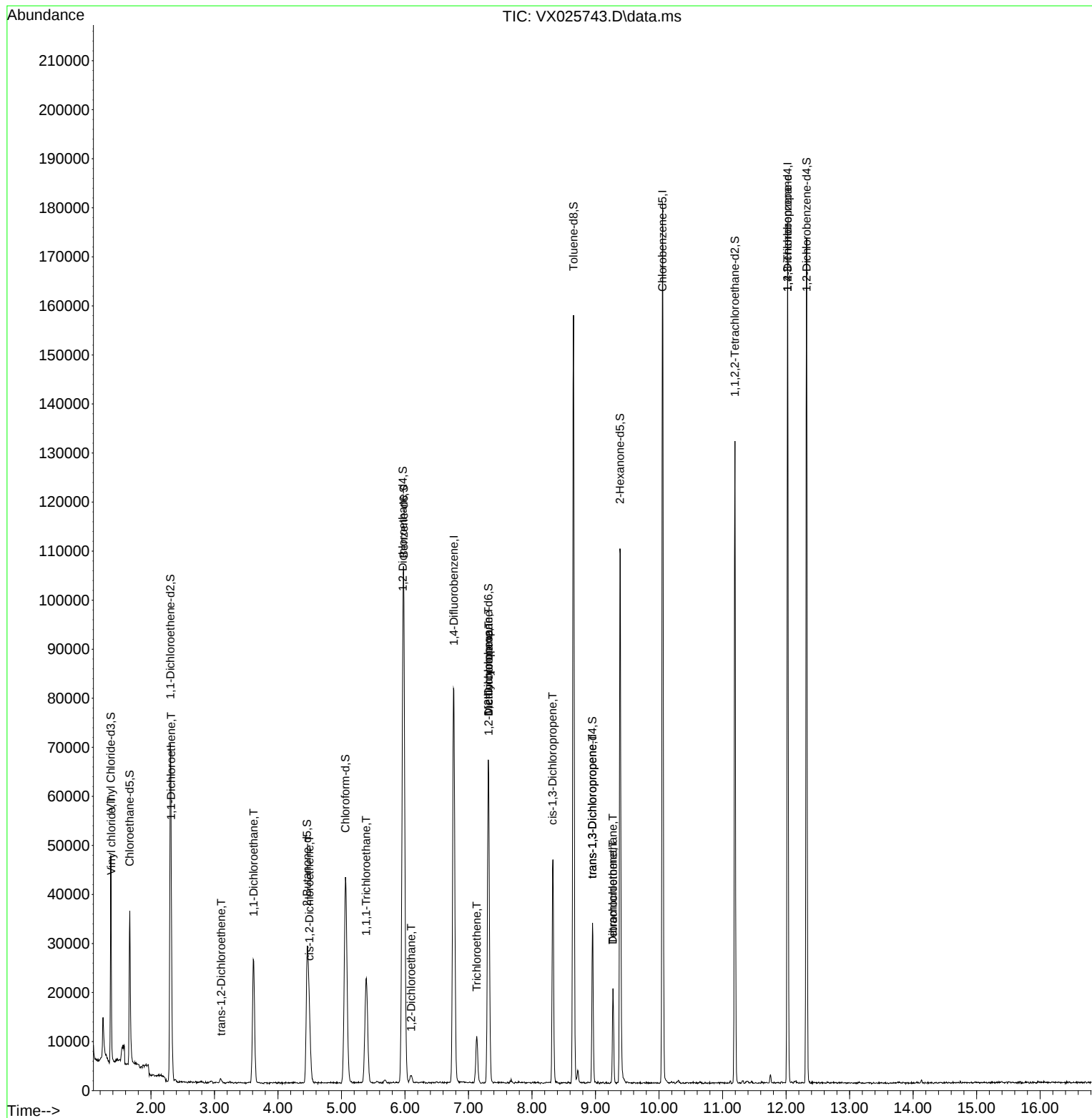
Target Compounds					Qvalue
5) Vinyl chloride	1.374	62	689	1.152 ug/L #	31
12) 1,1-Dichloroethene	2.319	96	4311	9.493 ug/L #	1
17) trans-1,2-Dichloroethene	3.105	96	416	0.851 ug/L #	75
19) 1,1-Dichloroethane	3.617	63	27573	31.493 ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	5894	10.231 ug/L	94
27) 1,2-Dichloroethane	6.098	62	1735	2.504 ug/L #	73
30) 1,1,1-Trichloroethane	5.385	97	21068	24.458 ug/L	98
34) Trichloroethene	7.129	95	3426	6.249 ug/L	92
35) Methylcyclohexane	7.312	83	7897	9.151 ug/L #	20
37) 1,2-Dichloropropane	7.318	63	3731	7.136 ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1225	1.438 ug/L #	79
44) trans-1,3-Dichloropropene	8.952	75	824	1.007 ug/L	97
46) Tetrachloroethene	9.275	164	3250	6.989 ug/L	93
49) Dibromochloromethane	9.275	129	3346	5.232 ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	4132	7.087 ug/L #	62

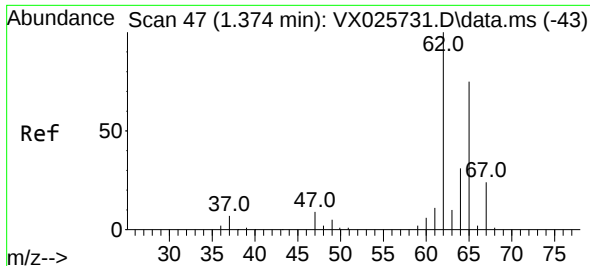
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration

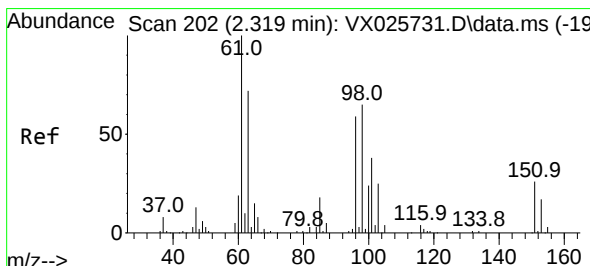
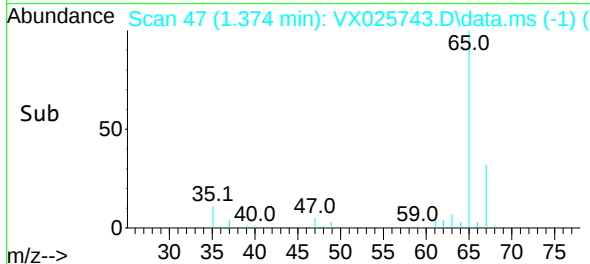
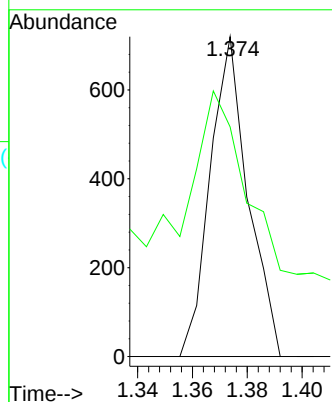
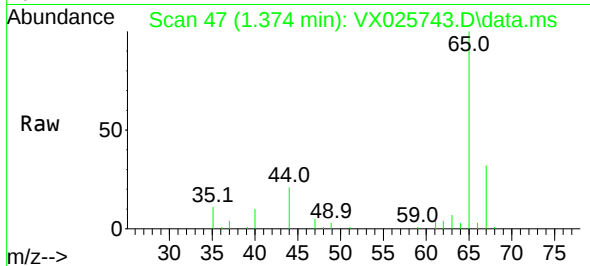




#5
 Vinyl chloride
 Concen: 1.152 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025743.D
 Acq: 11 Dec 2021 15:12

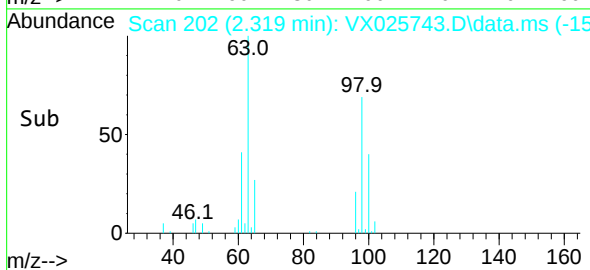
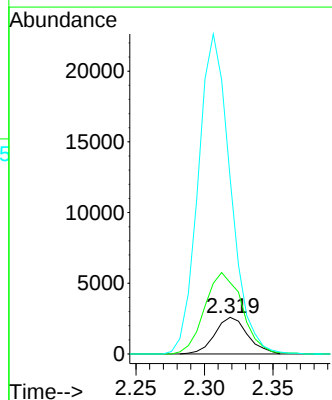
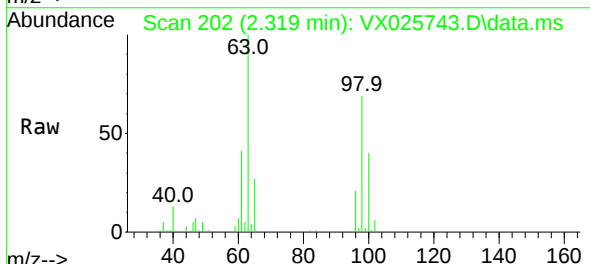
Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R3

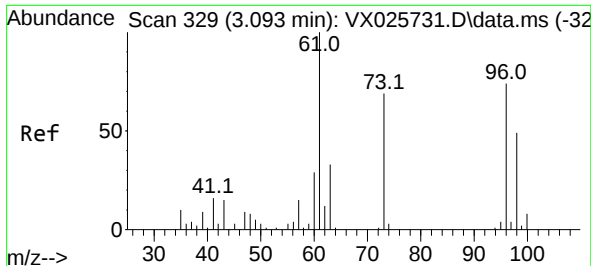
Tgt Ion: 62 Resp: 689
 Ion Ratio Lower Upper
 62 100
 64 71.8 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 9.493 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX025743.D
 Acq: 11 Dec 2021 15:12

Tgt Ion: 96 Resp: 4311
 Ion Ratio Lower Upper
 96 100
 61 195.0 108.7 201.9
 63 480.6 76.3 141.7#

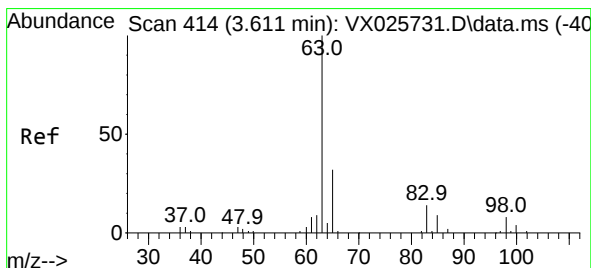
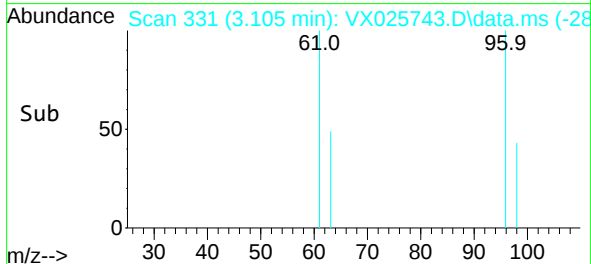
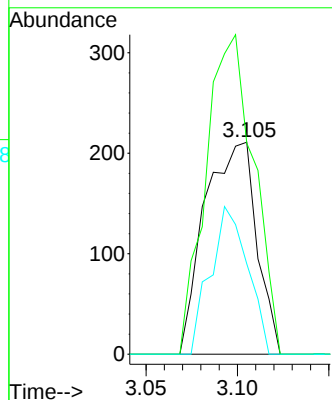
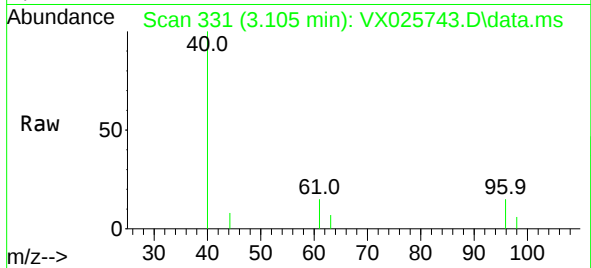




#17
trans-1,2-Dichloroethene
Concen: 0.851 ug/L
RT: 3.105 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

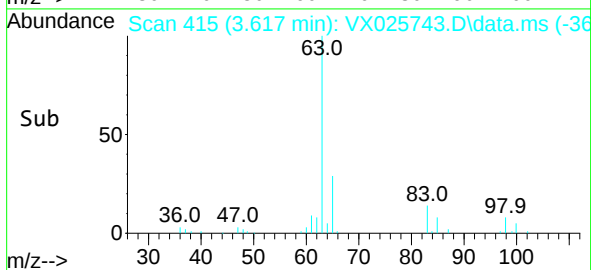
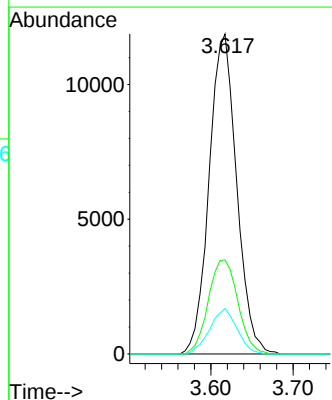
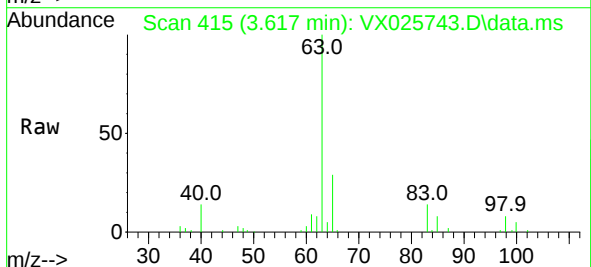
Instrument :
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ClientSampleId :
EW5R3

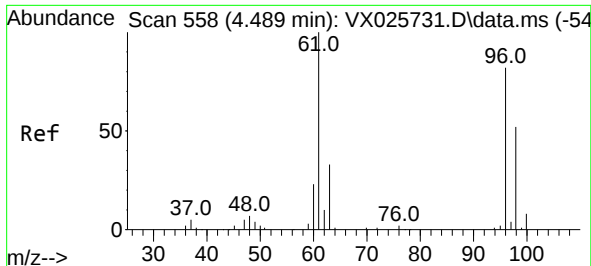
Tgt Ion: 96 Resp: 416
Ion Ratio Lower Upper
96 100
61 99.5 88.5 164.4
98 42.7 44.3 82.3#



#19
1,1-Dichloroethane
Concen: 31.493 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

Tgt Ion: 63 Resp: 27573
Ion Ratio Lower Upper
63 100
65 29.4 22.2 41.2
83 14.2 10.2 19.0

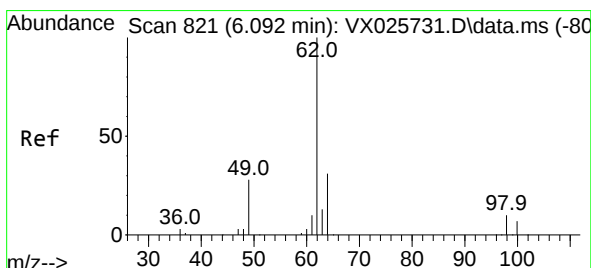
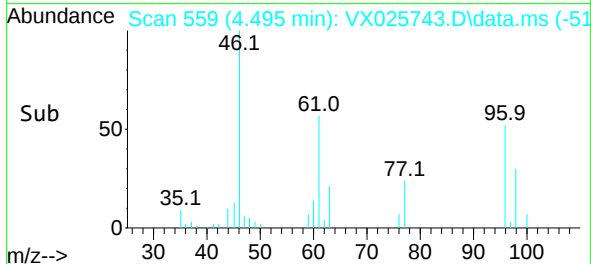
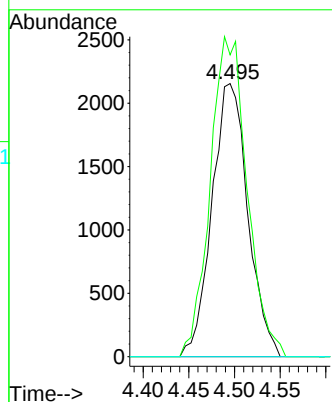
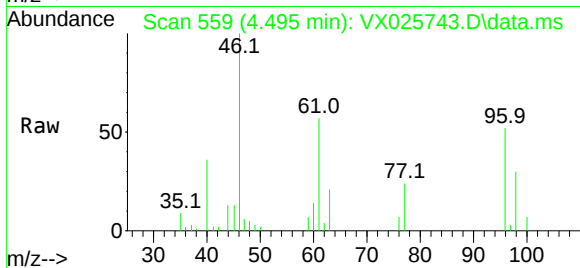




#20
 cis-1,2-Dichloroethene
 Concen: 10.231 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025743.D
 Acq: 11 Dec 2021 15:12

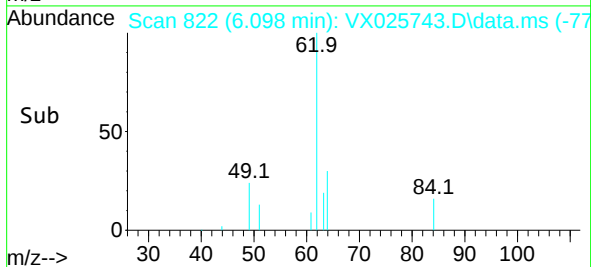
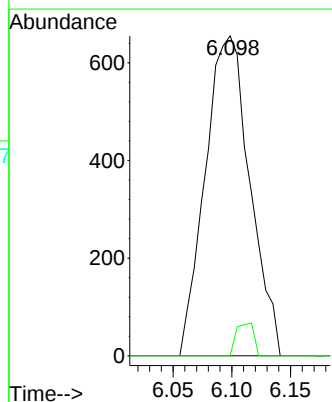
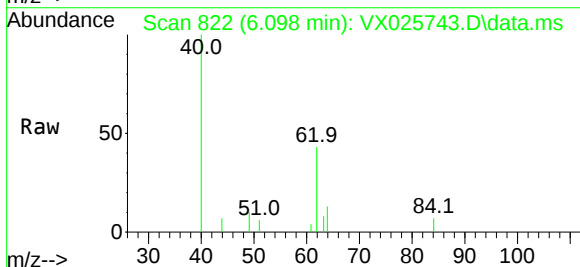
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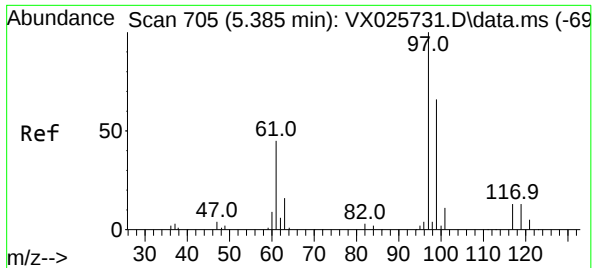
Tgt Ion: 96 Resp: 5894
 Ion Ratio Lower Upper
 96 100
 61 110.5 82.3 152.8
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 2.504 ug/L
 RT: 6.098 min Scan# 822
 Delta R.T. 0.006 min
 Lab File: VX025743.D
 Acq: 11 Dec 2021 15:12

Tgt Ion: 62 Resp: 1735
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#

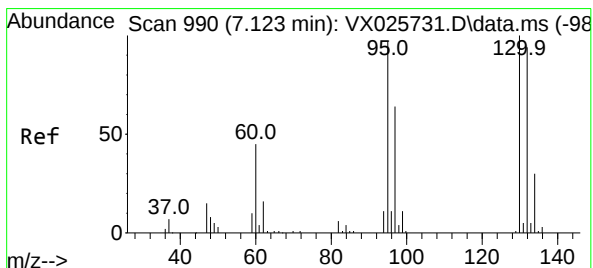
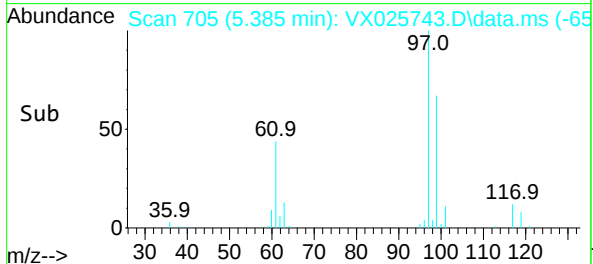
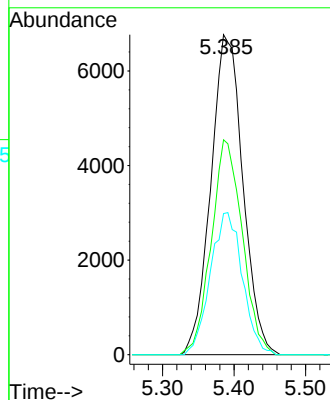
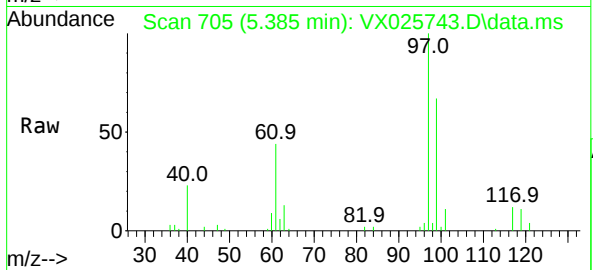




#30
1,1,1-Trichloroethane
Concen: 24.458 ug/L
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

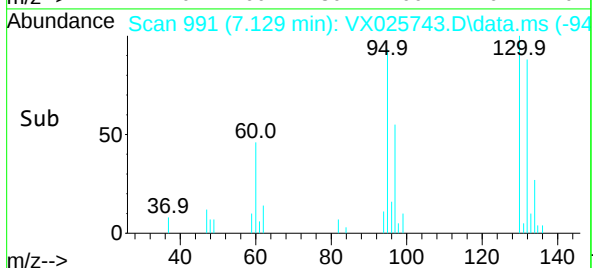
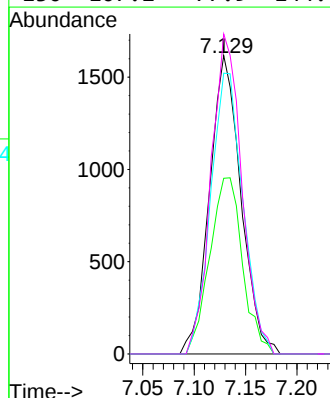
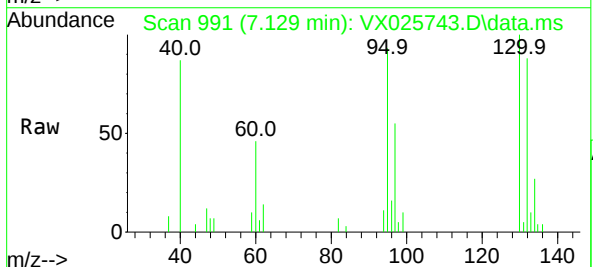
Instrument :
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ClientSampleId :
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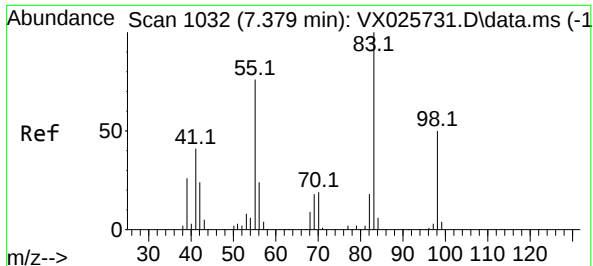
Tgt Ion: 97 Resp: 21068
Ion Ratio Lower Upper
97 100
99 64.9 51.5 77.3
61 44.3 33.1 49.7



#34
Trichloroethene
Concen: 6.249 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

Tgt Ion: 95 Resp: 3426
Ion Ratio Lower Upper
95 100
97 58.9 46.0 85.4
132 94.1 75.0 139.2
130 107.2 77.9 144.7

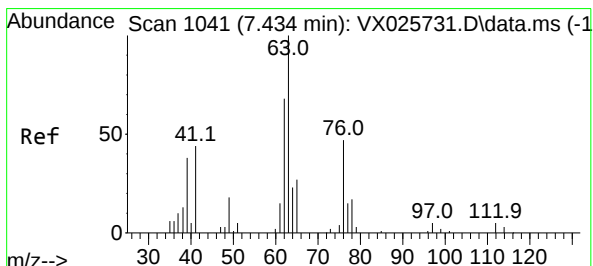
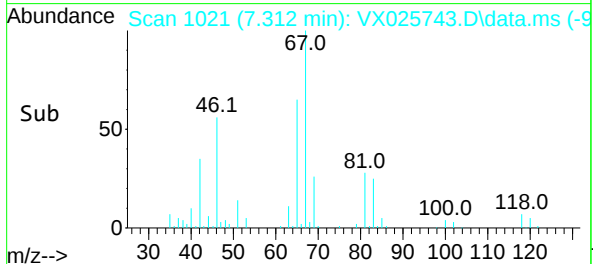
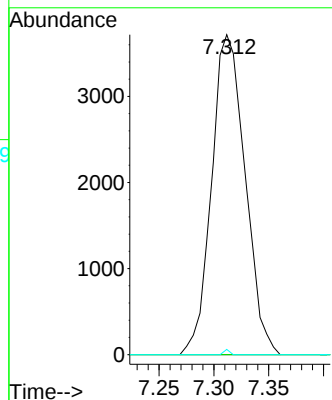
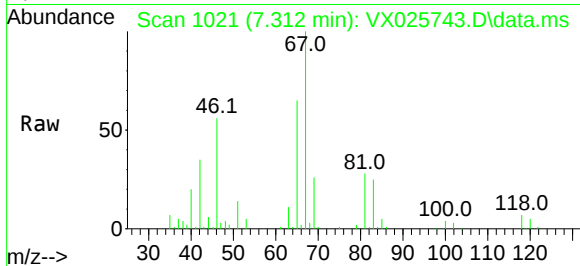




#35
Methylcyclohexane
Concen: 9.151 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

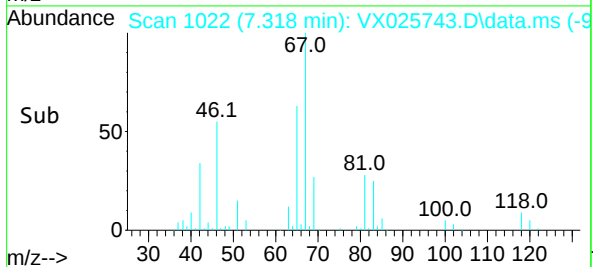
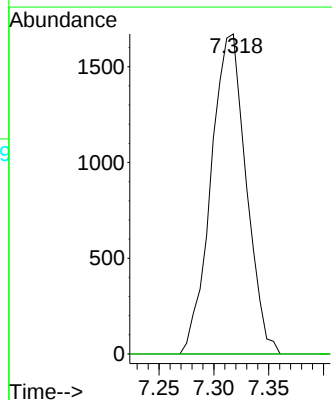
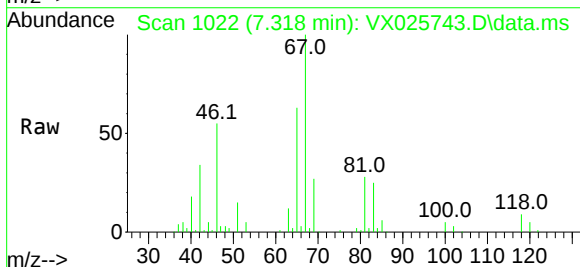
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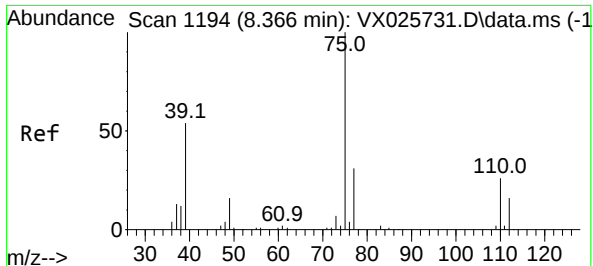
Tgt Ion: 83 Resp: 7897
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 1.6 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 7.136 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.116 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

Tgt Ion: 63 Resp: 3731
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.438 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX025743.D

Acq: 11 Dec 2021 15:12

Instrument :

MSVOA_X

ClientSampleId :

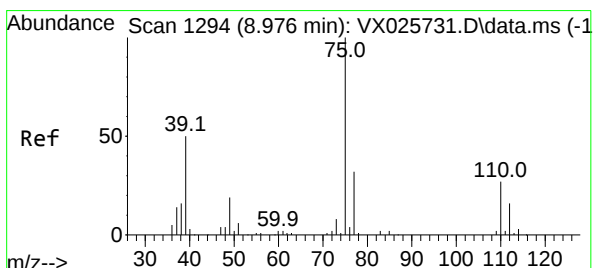
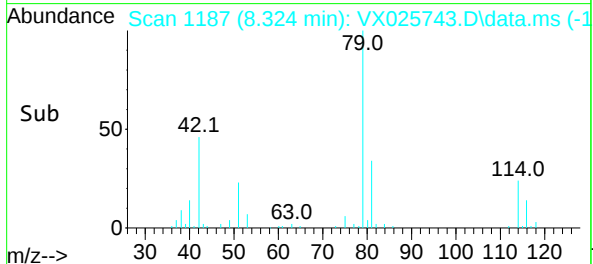
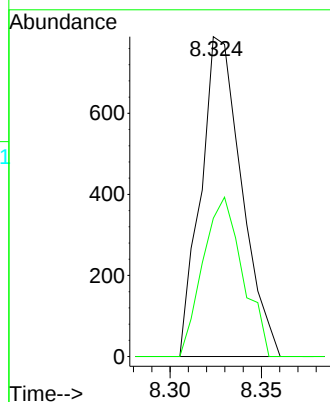
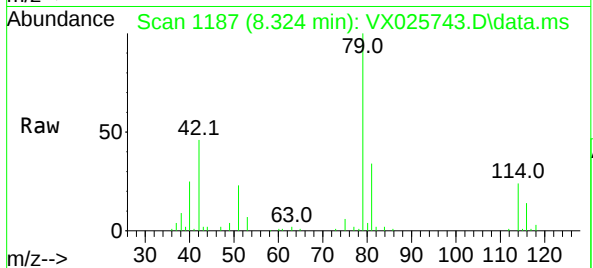
EW5R3

Tgt Ion: 75 Resp: 1225

Ion Ratio Lower Upper

75 100

77 43.2 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 1.007 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025743.D

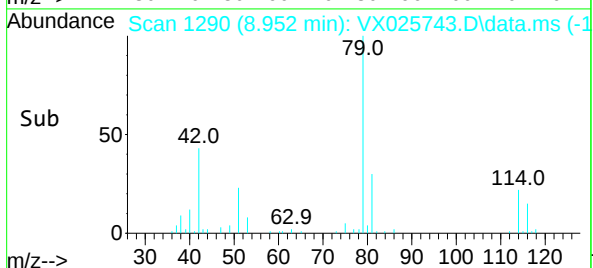
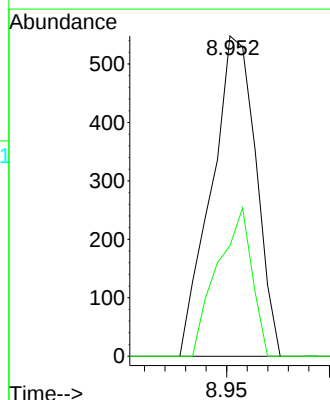
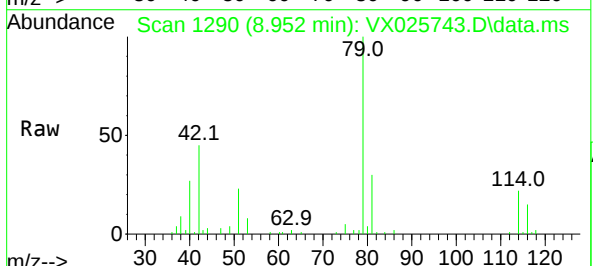
Acq: 11 Dec 2021 15:12

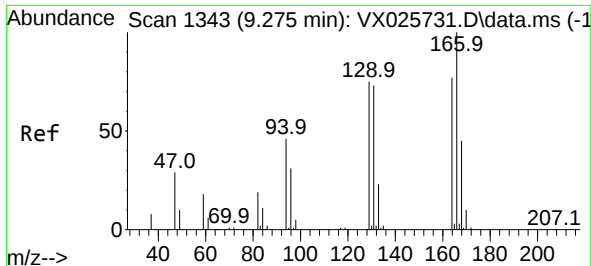
Tgt Ion: 75 Resp: 824

Ion Ratio Lower Upper

75 100

77 34.5 23.0 42.8



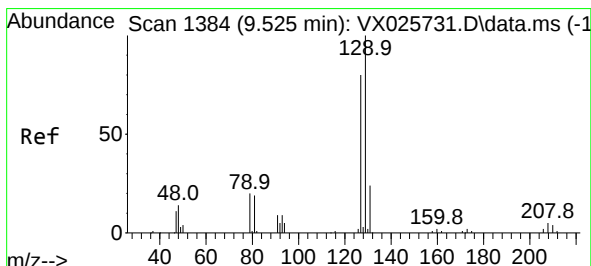
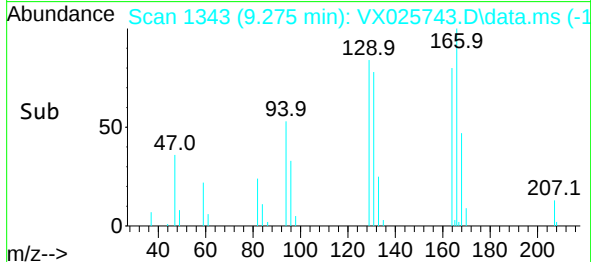
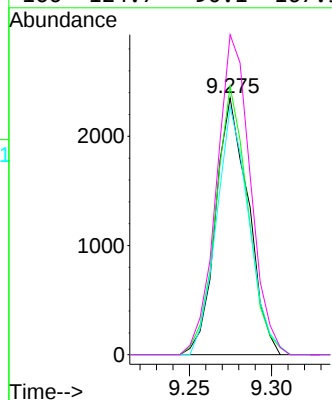
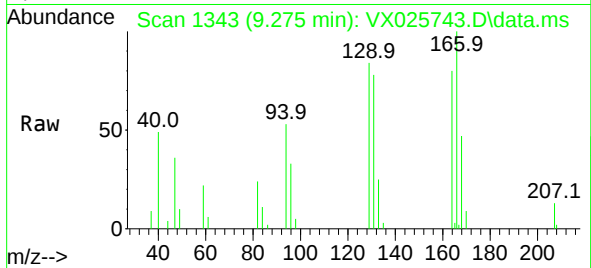


#46
Tetrachloroethene
Concen: 6.989 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

Instrument :
MSVOA_X
ClientSampleId :
EW5R3

Tgt Ion:164 Resp: 3250

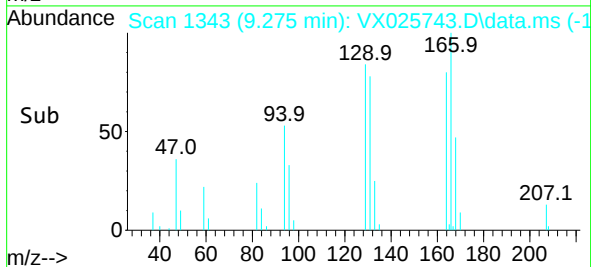
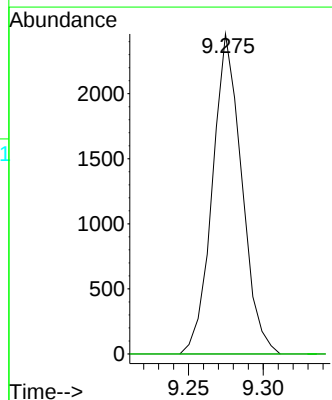
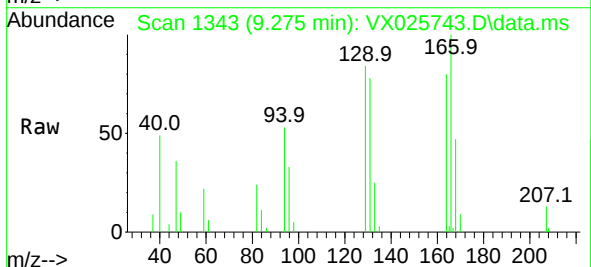
Ion	Ratio	Lower	Upper
164	100		
129	104.6	64.7	120.1
131	96.7	63.2	117.4
166	124.7	90.1	167.3

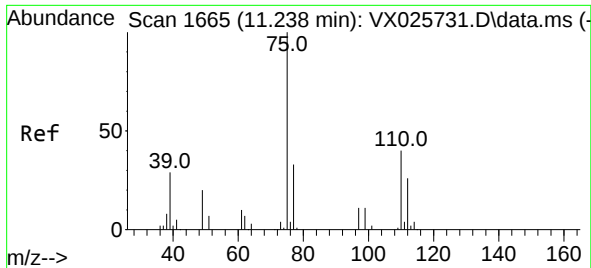


#49
Dibromochloromethane
Concen: 5.232 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX025743.D
Acq: 11 Dec 2021 15:12

Tgt Ion:129 Resp: 3346

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#61
 1,2,3-Trichloropropane
 Concen: 7.087 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025743.D
 Acq: 11 Dec 2021 15:12

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R3

Tgt Ion: 75 Resp: 4132
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.8 38.8
 110 3.1 34.7 52.1#

