

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025745.D
 Acq On : 11 Dec 2021 15:59
 Operator : JC/MD
 Sample : M4997-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R6

Quant Time: Dec 12 06:35:42 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)

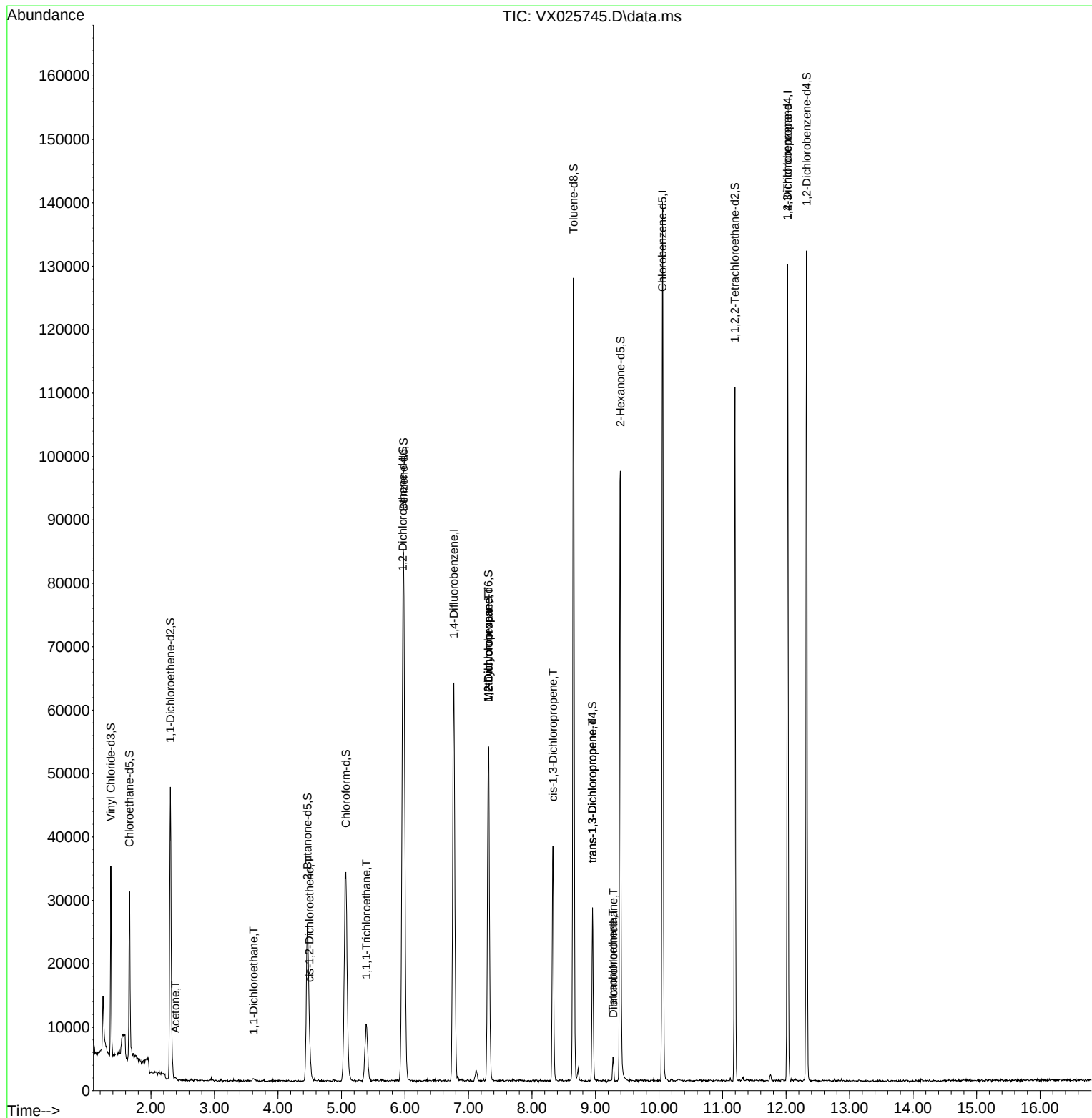
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	65467	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	62360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	25842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	17073	38.213	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.420%		
7) Chloroethane-d5	1.660	69	16943	45.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.900%		
11) 1,1-Dichloroethene-d2	2.306	63	25707	36.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	72.180%		
21) 2-Butanone-d5	4.464	46	41823	125.752	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	125.750%		
24) Chloroform-d	5.068	84	42115	53.935	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.880%		
26) 1,2-Dichloroethane-d4	5.964	65	29368	60.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	120.680%		
32) Benzene-d6	5.976	84	80504	48.710	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.420%		
36) 1,2-Dichloropropane-d6	7.311	67	26046	50.900	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.800%		
41) Toluene-d8	8.653	98	71983	46.143	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.280%		
43) trans-1,3-Dichloroprop...	8.951	79	12291	47.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.560%		
47) 2-Hexanone-d5	9.390	63	28279	106.167	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.170%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	40358	55.806	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	111.620%		
66) 1,2-Dichlorobenzene-d4	12.323	152	25704	50.713	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.420%		
Target Compounds					Qvalue	
13) Acetone	2.385	43	617	2.256	ug/L	63
19) 1,1-Dichloroethane	3.617	63	671	0.990	ug/L #	85
20) cis-1,2-Dichloroethene	4.495	96	1592	3.569	ug/L	84
30) 1,1,1-Trichloroethane	5.391	97	8578	12.461	ug/L	98
35) Methylcyclohexane	7.311	83	6615	9.592	ug/L #	21
37) 1,2-Dichloropropane	7.311	63	3094	7.404	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	957	1.406	ug/L	97
44) trans-1,3-Dichloropropene	8.951	75	695	1.062	ug/L	95
46) Tetrachloroethene	9.274	164	623	1.677	ug/L	89
49) Dibromochloromethane	9.281	129	611	1.195	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	3205	7.250	ug/L #	62

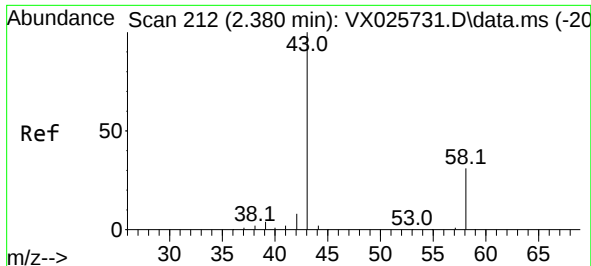
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.256 ug/L

RT: 2.385 min Scan# 212

Delta R.T. 0.006 min

Lab File: VX025745.D

Acq: 11 Dec 2021 15:59

Instrument :

MSVOA_X

ClientSampleId :

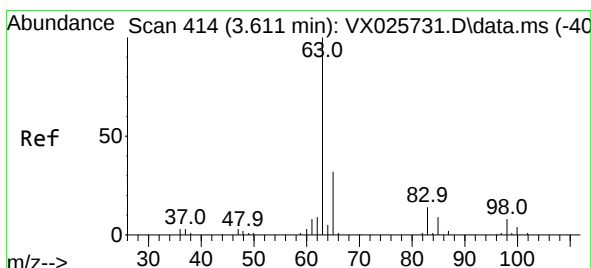
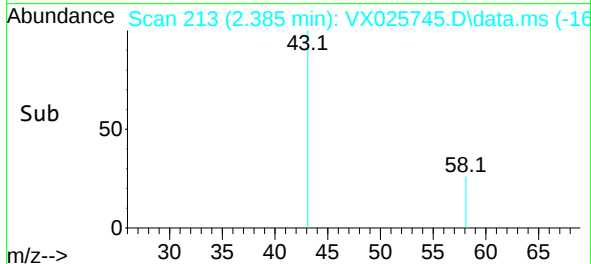
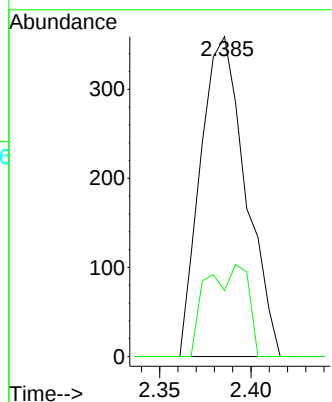
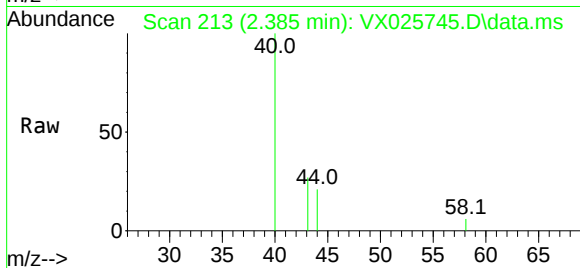
EW5R6

Tgt Ion: 43 Resp: 617

Ion Ratio Lower Upper

43 100

58 11.7 0.0 65.6



#19

1,1-Dichloroethane

Concen: 0.990 ug/L

RT: 3.617 min Scan# 415

Delta R.T. 0.006 min

Lab File: VX025745.D

Acq: 11 Dec 2021 15:59

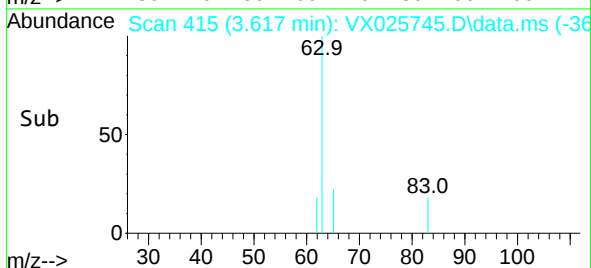
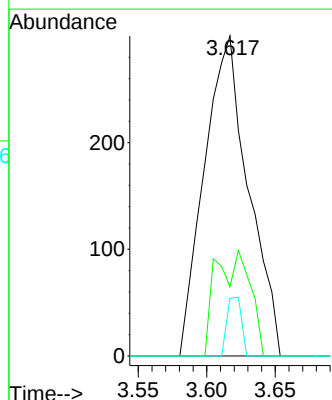
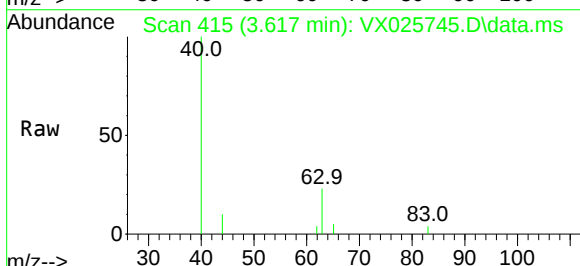
Tgt Ion: 63 Resp: 671

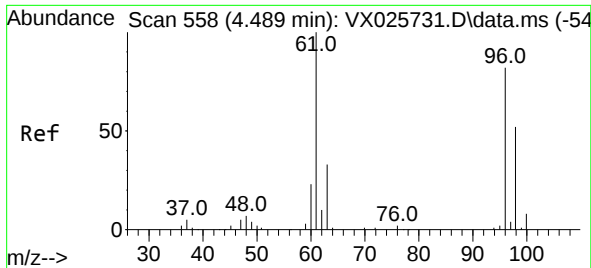
Ion Ratio Lower Upper

63 100

65 21.7 22.2 41.2#

83 18.0 10.2 19.0

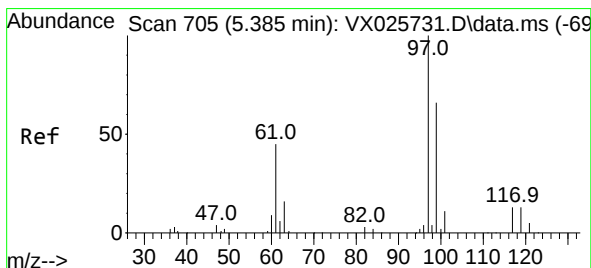
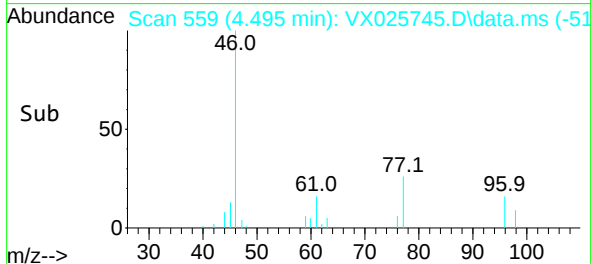
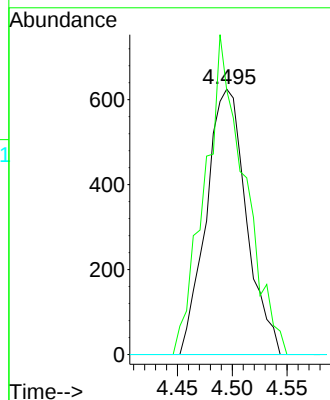
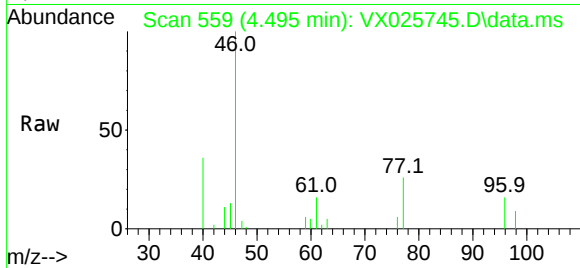




#20
 cis-1,2-Dichloroethene
 Concen: 3.569 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025745.D
 Acq: 11 Dec 2021 15:59

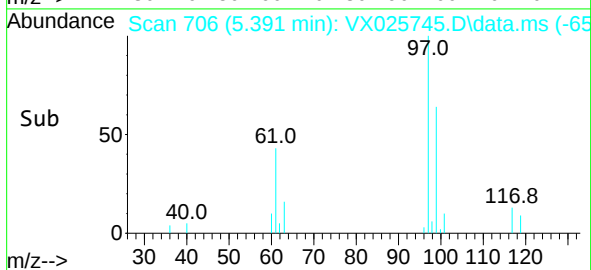
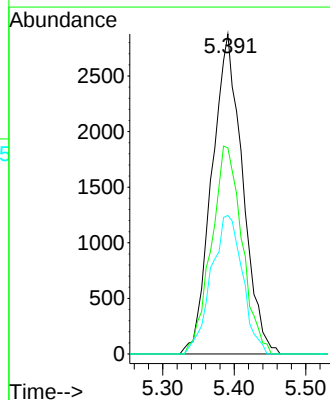
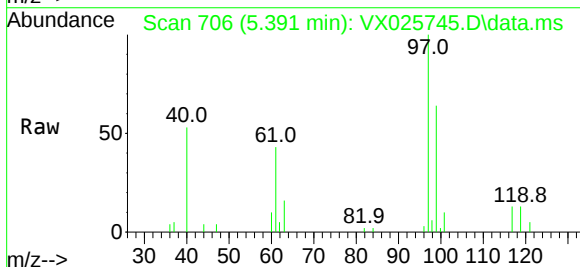
Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R6

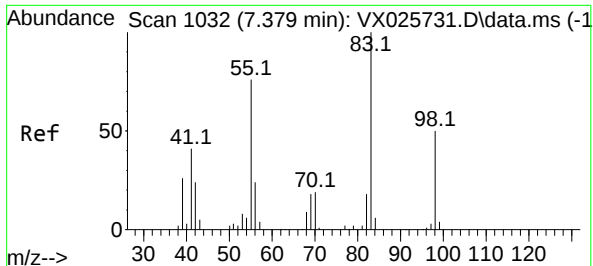
Tgt Ion: 96 Resp: 1592
 Ion Ratio Lower Upper
 96 100
 61 99.5 82.3 152.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 12.461 ug/L
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX025745.D
 Acq: 11 Dec 2021 15:59

Tgt Ion: 97 Resp: 8578
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.5 77.3
 61 44.1 33.1 49.7

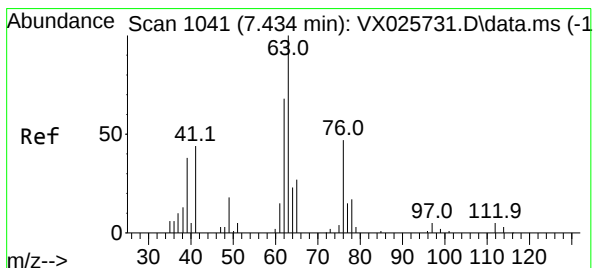
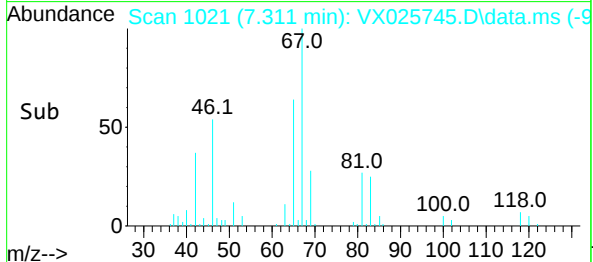
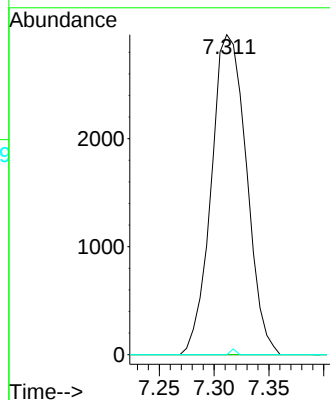
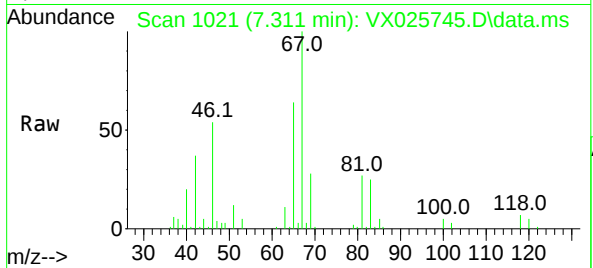




#35
Methylcyclohexane
Concen: 9.592 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.074 min
Lab File: VX025745.D
Acq: 11 Dec 2021 15:59

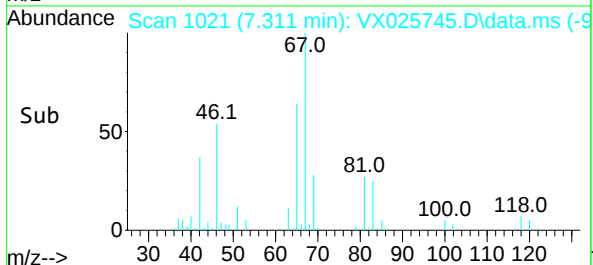
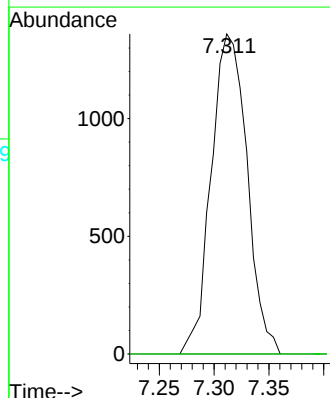
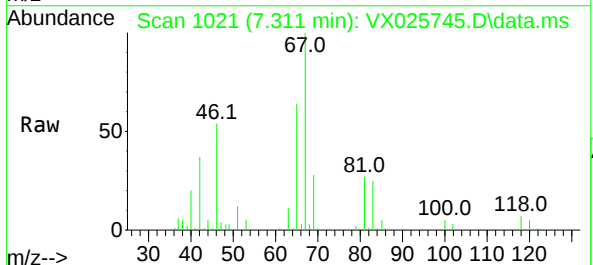
Instrument :
MSVOA_X
ClientSampleId :
EW5R6

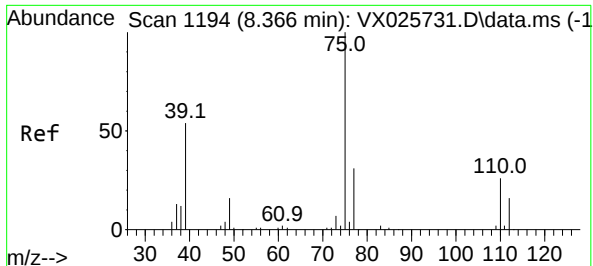
Tgt Ion: 83 Resp: 6615
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 3.6 41.1 61.7#



#37
1,2-Dichloropropane
Concen: 7.404 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX025745.D
Acq: 11 Dec 2021 15:59

Tgt Ion: 63 Resp: 3094
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 1.406 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.037 min

Lab File: VX025745.D

Acq: 11 Dec 2021 15:59

Instrument :

MSVOA_X

ClientSampleId :

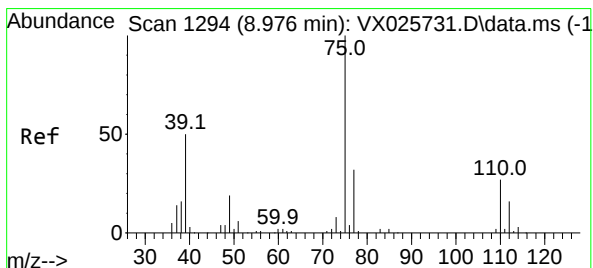
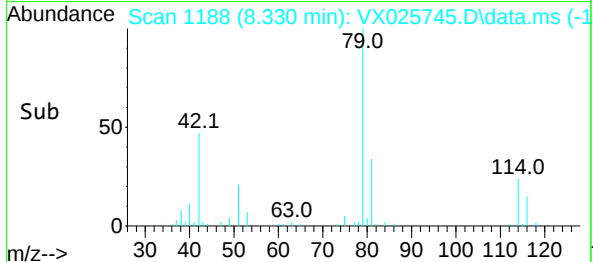
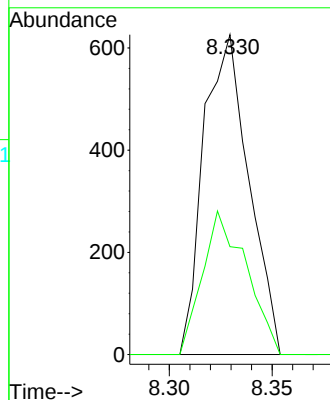
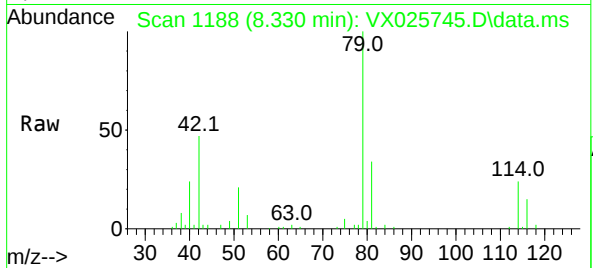
EW5R6

Tgt Ion: 75 Resp: 957

Ion Ratio Lower Upper

75 100

77 33.7 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 1.062 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX025745.D

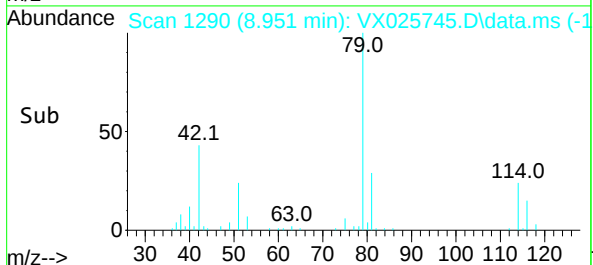
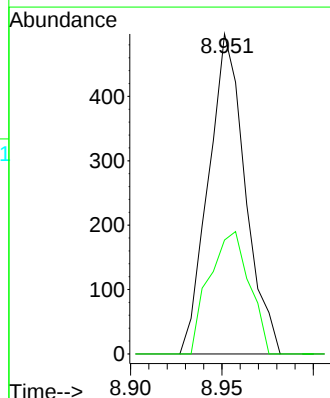
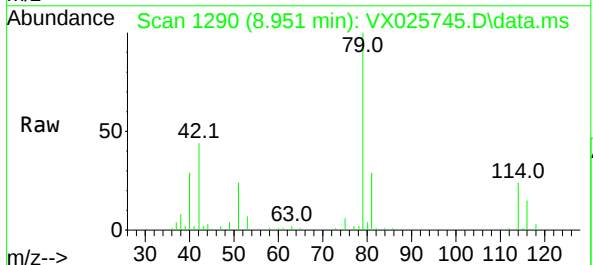
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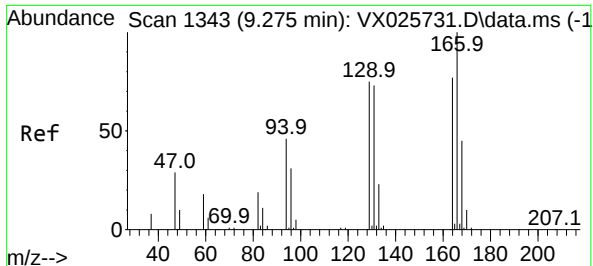
Tgt Ion: 75 Resp: 695

Ion Ratio Lower Upper

75 100

77 35.6 23.0 42.8

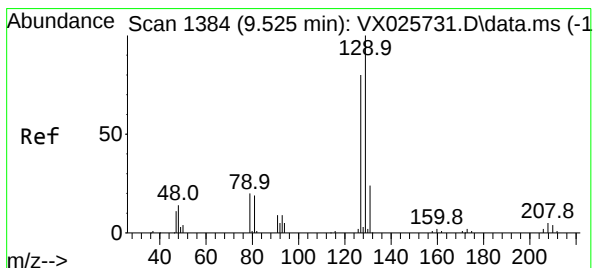
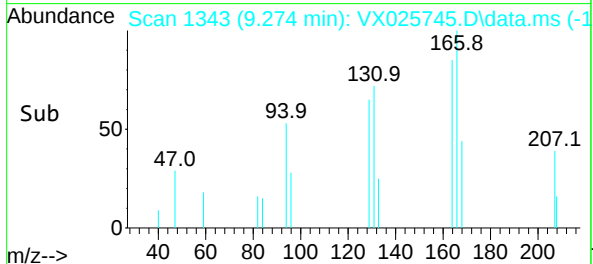
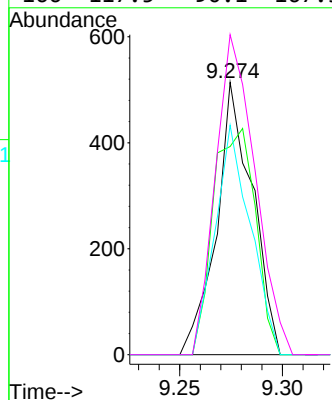
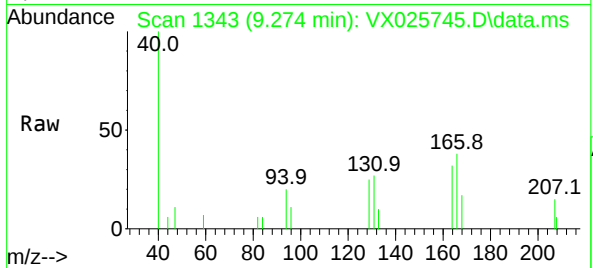




#46
Tetrachloroethene
Concen: 1.677 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025745.D
Acq: 11 Dec 2021 15:59

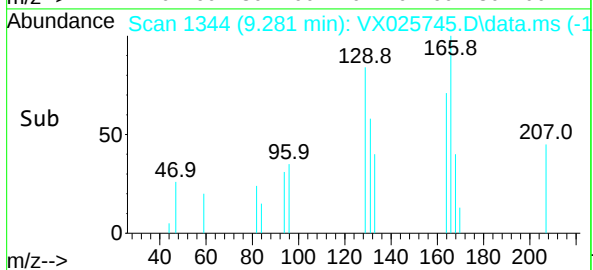
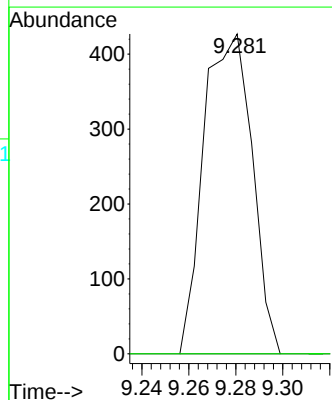
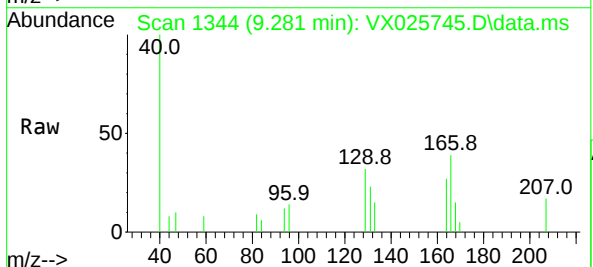
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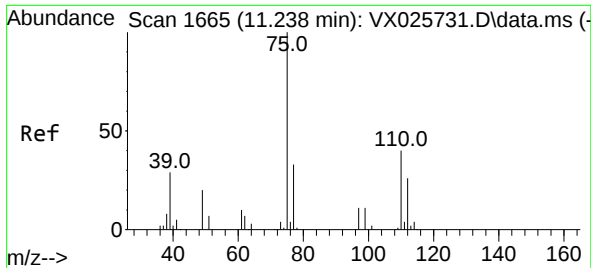
Tgt	Ion:164	Resp:	623
Ion	Ratio	Lower	Upper
164	100		
129	76.5	64.7	120.1
131	84.2	63.2	117.4
166	117.5	90.1	167.3



#49
Dibromochloromethane
Concen: 1.195 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX025745.D
Acq: 11 Dec 2021 15:59

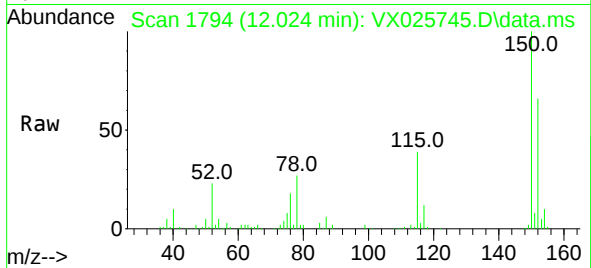
Tgt Ion:129	Resp:	611	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#61
 1,2,3-Trichloropropane
 Concen: 7.250 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.786 min
 Lab File: VX025745.D
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 MSVOA_X
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.8	38.8
110	1.8	34.7	52.1#

