

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025742.D
 Acq On : 11 Dec 2021 14:48
 Operator : JC/MD
 Sample : M4997-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R2

Quant Time: Dec 12 06:35:19 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)

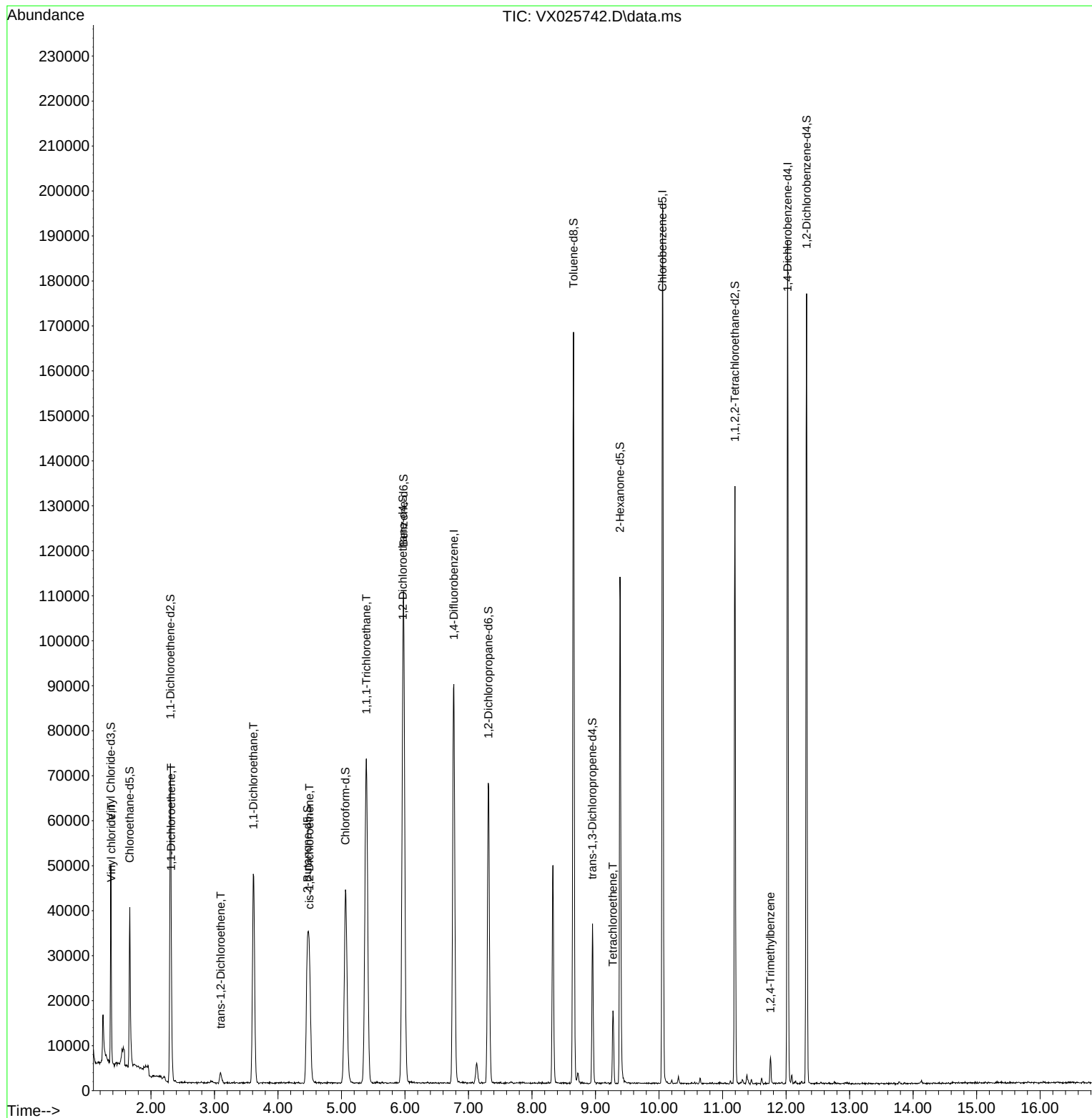
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	93496	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	86645	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	37603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	24317	38.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.220%
7) Chloroethane-d5	1.666	69	22699	43.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.306	63	36673	36.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.100%
21) 2-Butanone-d5	4.465	46	46578	98.064	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.060%
24) Chloroform-d	5.062	84	53575	48.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.080%
26) 1,2-Dichloroethane-d4	5.964	65	35924	51.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.360%
32) Benzene-d6	5.976	84	104150	45.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.700%
36) 1,2-Dichloropropane-d6	7.312	67	32974	46.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.760%
41) Toluene-d8	8.653	98	95523	44.070	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.140%
43) trans-1,3-Dichloroprop...	8.952	79	15666	43.827	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.660%
47) 2-Hexanone-d5	9.384	63	32904	88.907	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.910%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	48286	48.055	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.100%
66) 1,2-Dichlorobenzene-d4	12.323	152	34515	46.798	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	1629	2.464	ug/L #	41
12) 1,1-Dichloroethene	2.319	96	1025	2.042	ug/L #	1
17) trans-1,2-Dichloroethene	3.099	96	979	1.811	ug/L	82
19) 1,1-Dichloroethane	3.611	63	51623	53.330	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	14688	23.060	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	71507	74.760	ug/L	98
46) Tetrachloroethene	9.275	164	2879	5.576	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	2635	1.290	ug/L #	80

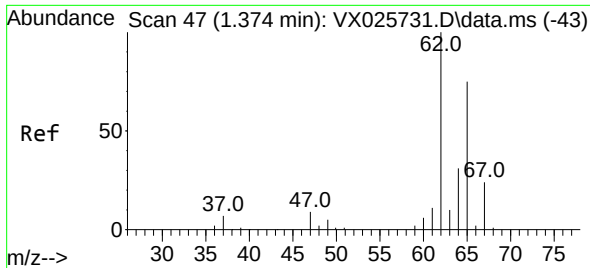
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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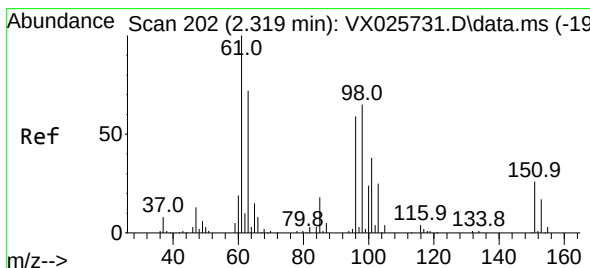
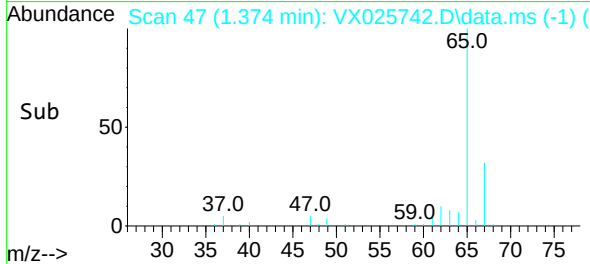
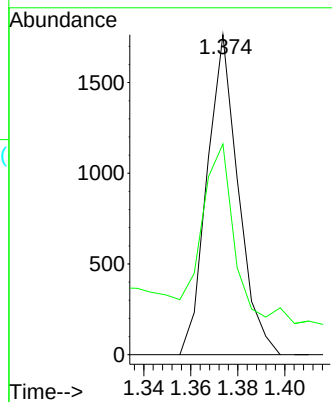
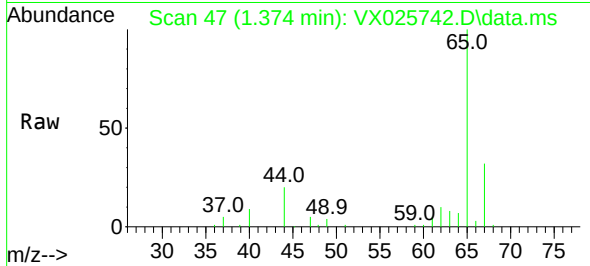




#5
 Vinyl chloride
 Concen: 2.464 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025742.D
 Acq: 11 Dec 2021 14:48

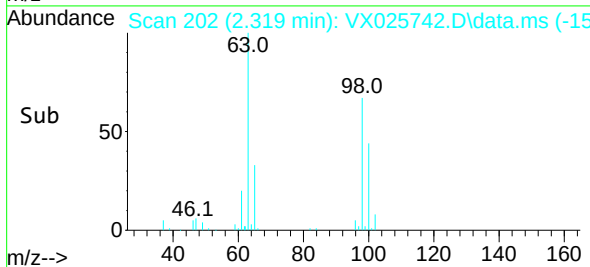
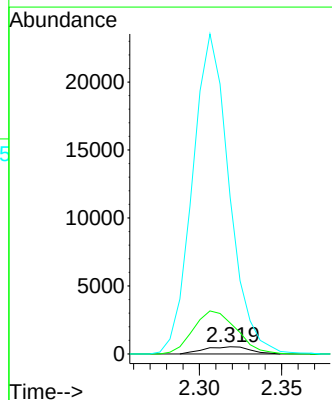
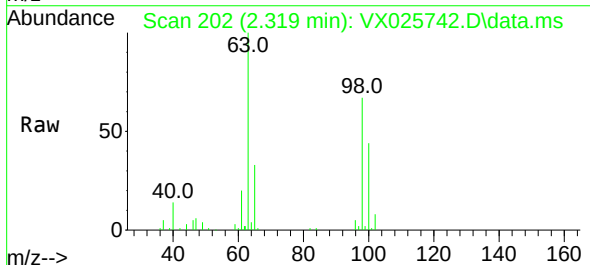
Instrument :
 MSVOA_X
 ClientSampleId :
 EW5R2

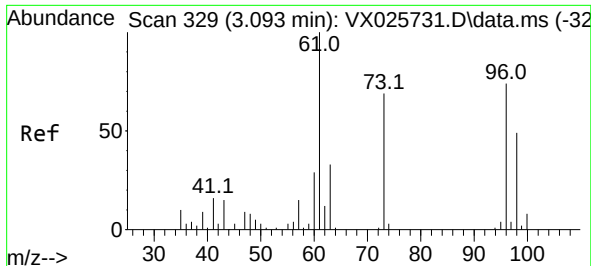
Tgt Ion: 62 Resp: 1629
 Ion Ratio Lower Upper
 62 100
 64 65.9 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 2.042 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX025742.D
 Acq: 11 Dec 2021 14:48

Tgt Ion: 96 Resp: 1025
 Ion Ratio Lower Upper
 96 100
 61 433.2 108.7 201.9#
 63 2189.6 76.3 141.7#

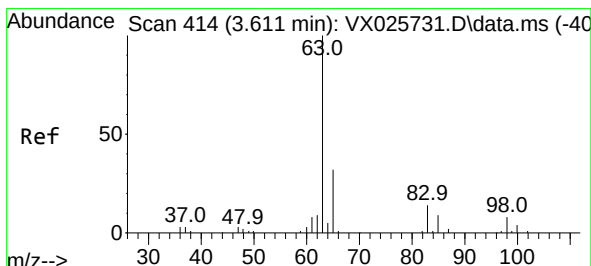
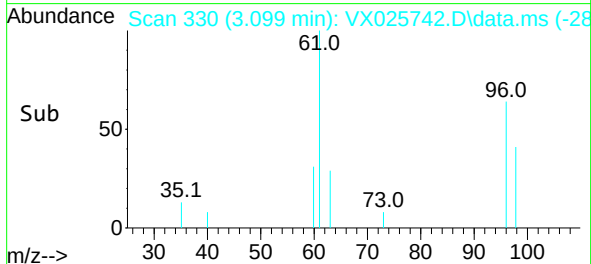
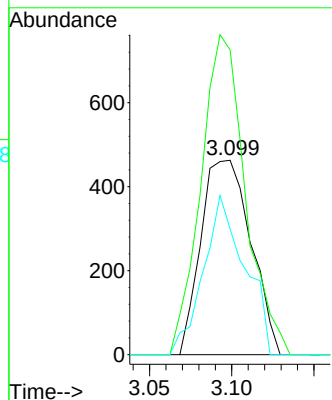
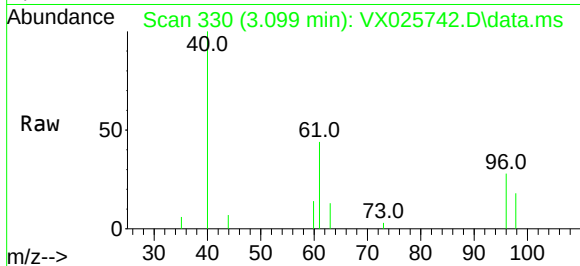




#17
trans-1,2-Dichloroethene
Concen: 1.811 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025742.D
Acq: 11 Dec 2021 14:48

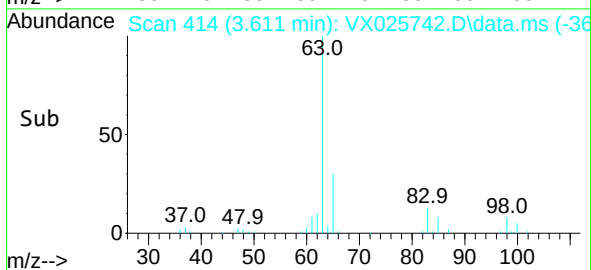
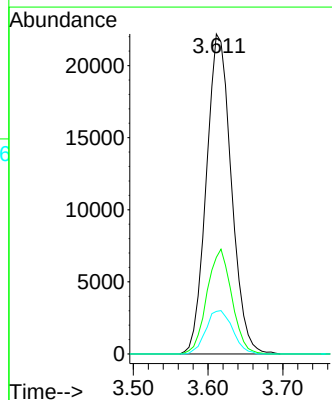
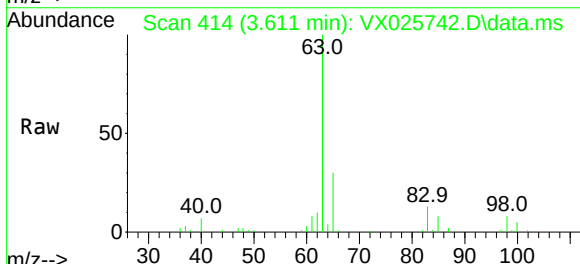
Instrument :
MSVOA_X
ClientSampleId :
EW5R2

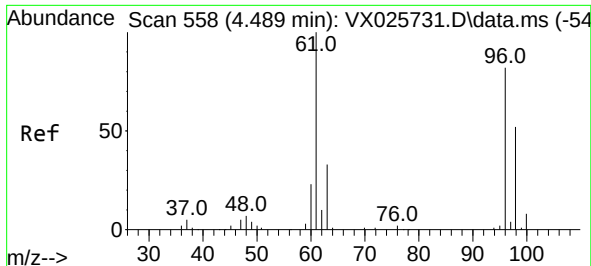
Tgt Ion: 96 Resp: 979
Ion Ratio Lower Upper
96 100
61 156.8 88.5 164.4
98 64.6 44.3 82.3



#19
1,1-Dichloroethane
Concen: 53.330 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX025742.D
Acq: 11 Dec 2021 14:48

Tgt Ion: 63 Resp: 51623
Ion Ratio Lower Upper
63 100
65 30.2 22.2 41.2
83 13.3 10.2 19.0

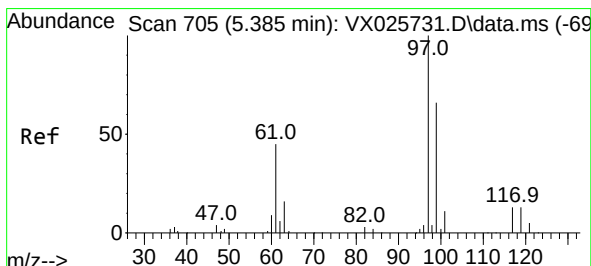
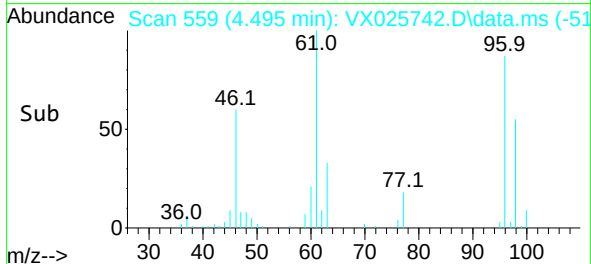
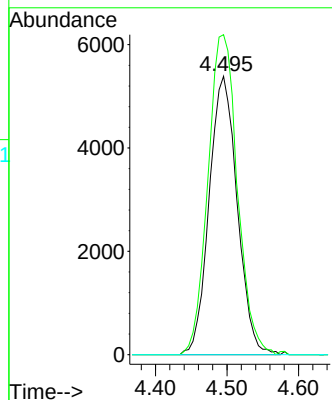
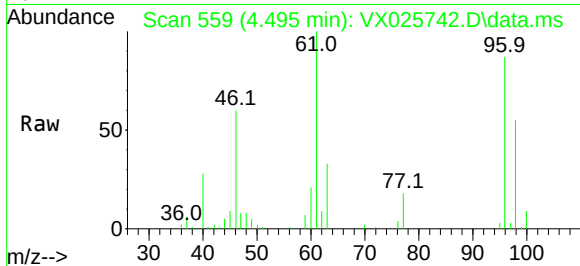




#20
 cis-1,2-Dichloroethene
 Concen: 23.060 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025742.D
 Acq: 11 Dec 2021 14:48

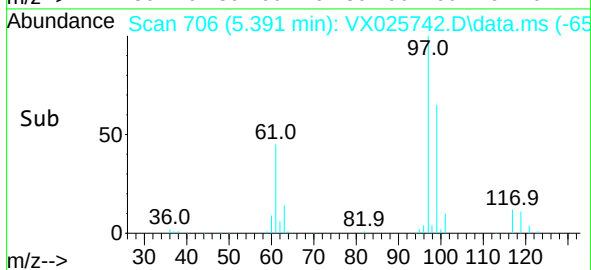
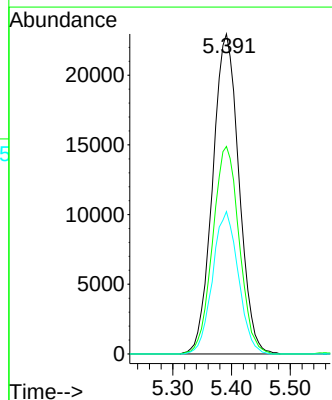
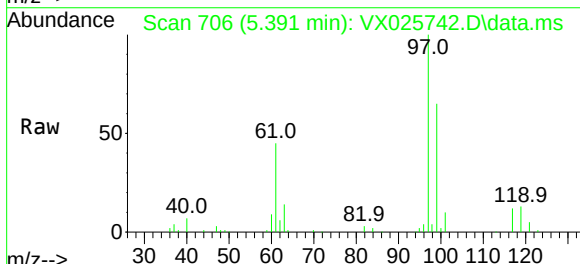
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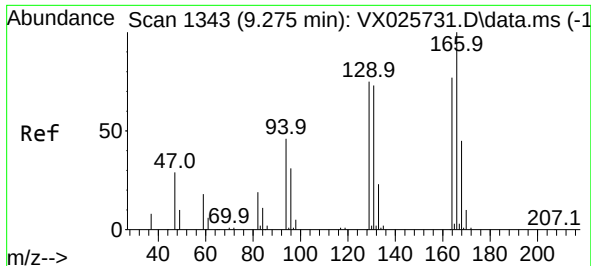
Tgt Ion: 96 Resp: 14688
 Ion Ratio Lower Upper
 96 100
 61 114.9 82.3 152.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 74.760 ug/L
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX025742.D
 Acq: 11 Dec 2021 14:48

Tgt Ion: 97 Resp: 71507
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.5 77.3
 61 43.5 33.1 49.7

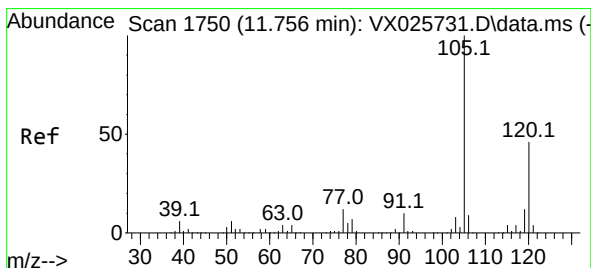
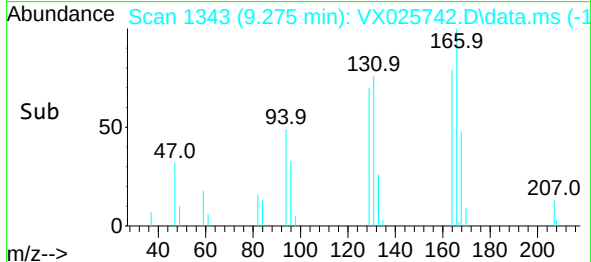
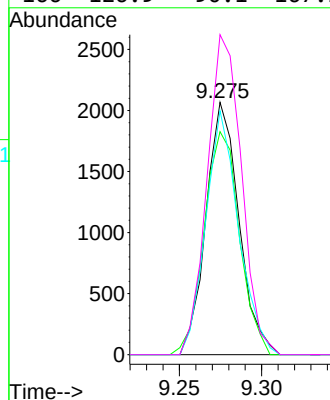
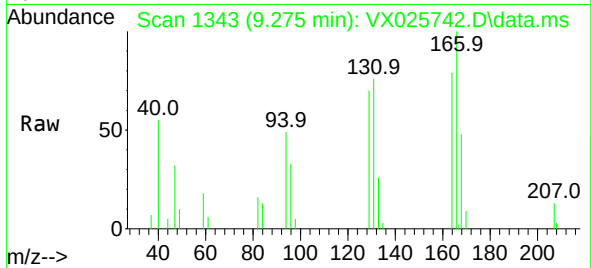




#46
Tetrachloroethene
Concen: 5.576 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025742.D
Acq: 11 Dec 2021 14:48

Instrument :
MSVOA_X
ClientSampleId :
EW5R2

Tgt Ion:164	Resp:	2879
Ion	Ratio	Lower Upper
164	100	
129	88.4	64.7 120.1
131	96.7	63.2 117.4
166	126.9	90.1 167.3



#63
1,2,4-Trimethylbenzene
Concen: 1.290 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025742.D
Acq: 11 Dec 2021 14:48

Tgt Ion:105	Resp:	2635
Ion	Ratio	Lower Upper
105	100	
120	46.8	0.1 0.1#

