

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025739.D
 Acq On : 11 Dec 2021 13:38
 Operator : JC/MD
 Sample : M4997-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q2

Quant Time: Dec 12 06:34:54 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)

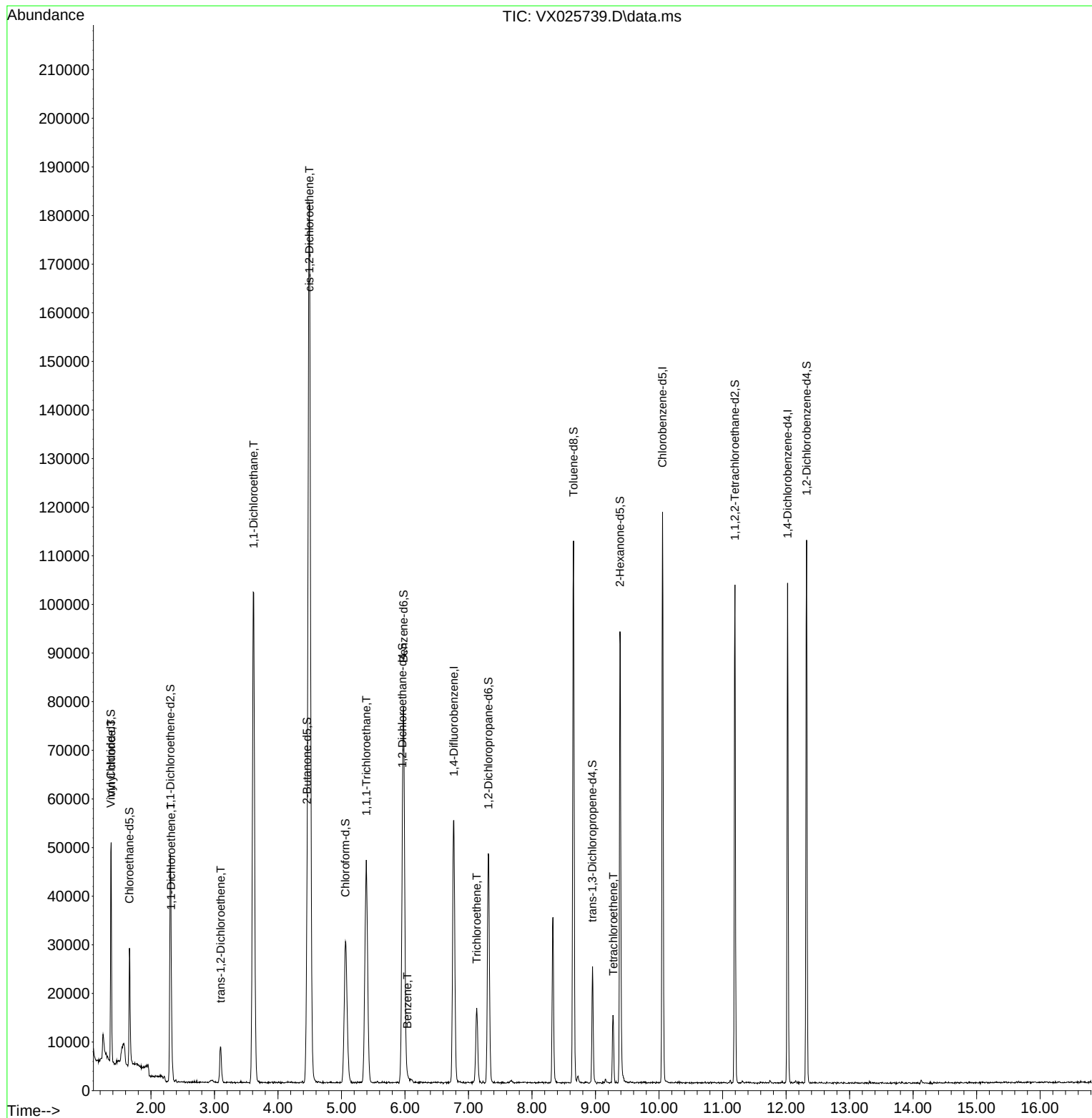
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	57018	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	52189	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	20793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	16949	43.557	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.120%
7) Chloroethane-d5	1.660	69	15730	48.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.960%
11) 1,1-Dichloroethene-d2	2.306	63	25871	41.698	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.400%
21) 2-Butanone-d5	4.458	46	41269	142.473	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	142.470%#
24) Chloroform-d	5.062	84	37051	54.481	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.960%
26) 1,2-Dichloroethane-d4	5.958	65	26245	61.914	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.820%
32) Benzene-d6	5.976	84	73456	53.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.220%
36) 1,2-Dichloropropane-d6	7.312	67	23325	54.466	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.940%
41) Toluene-d8	8.653	98	65358	50.061	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.120%
43) trans-1,3-Dichloroprop...	8.952	79	11064	51.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.780%
47) 2-Hexanone-d5	9.384	63	27039	121.295	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.290%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	37368	61.742	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	123.480%#
66) 1,2-Dichlorobenzene-d4	12.323	152	22160	54.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.680%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	12702	31.505	ug/L	99
12) 1,1-Dichloroethene	2.319	96	1250	4.083	ug/L #	1
17) trans-1,2-Dichloroethene	3.099	96	3158	9.580	ug/L	92
19) 1,1-Dichloroethane	3.617	63	113907	192.956	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	112499	289.613	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	43591	75.663	ug/L	98
33) Benzene	6.037	78	1399	1.003	ug/L	100
34) Trichloroethene	7.129	95	5422	14.786	ug/L	89
46) Tetrachloroethene	9.281	164	2444	7.859	ug/L	93

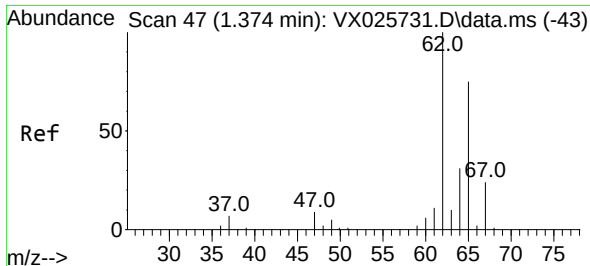
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

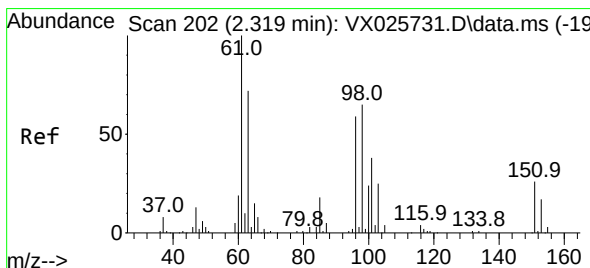
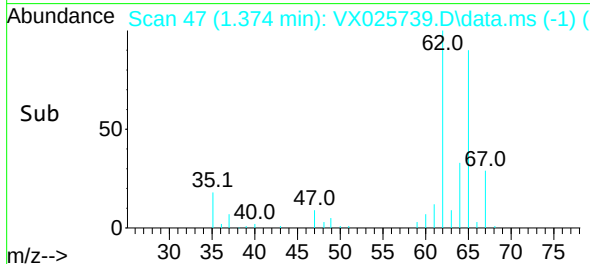
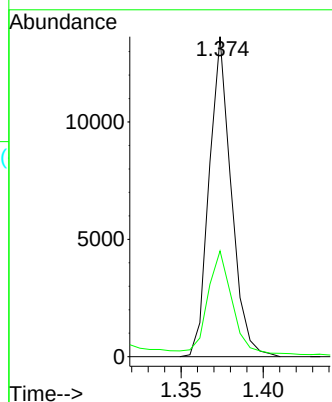
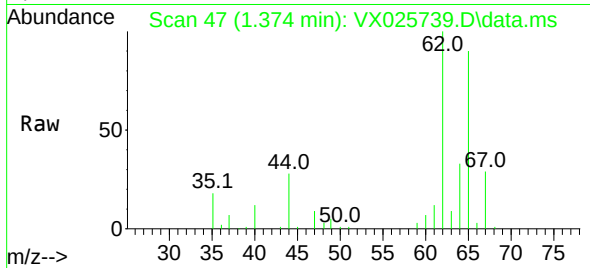




#5
 Vinyl chloride
 Concen: 31.505 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025739.D
 Acq: 11 Dec 2021 13:38

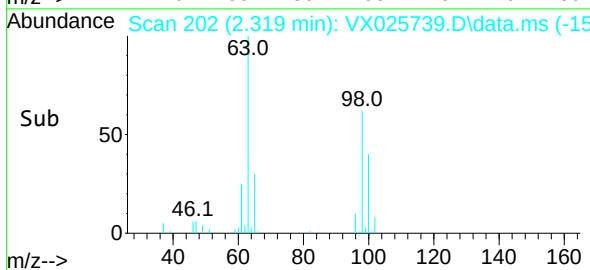
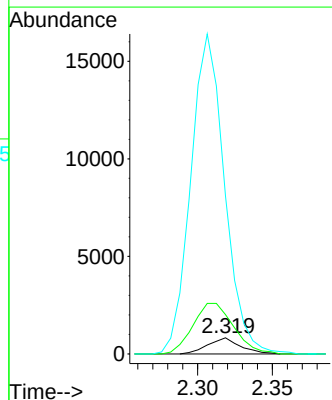
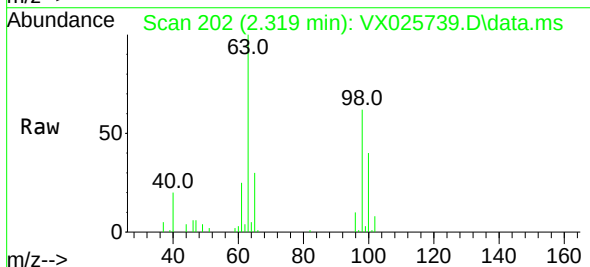
Instrument :
 MSVOA_X
 ClientSampleId :
 EW5Q2

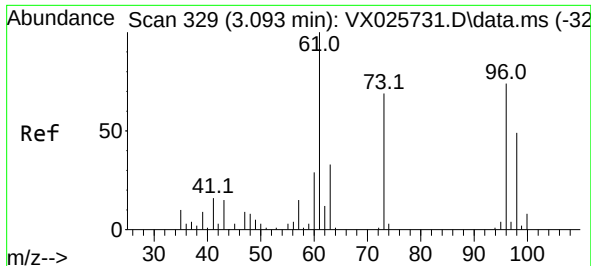
Tgt Ion: 62 Resp: 12702
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 4.083 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX025739.D
 Acq: 11 Dec 2021 13:38

Tgt Ion: 96 Resp: 1250
 Ion Ratio Lower Upper
 96 100
 61 243.5 108.7 201.9#
 63 976.3 76.3 141.7#

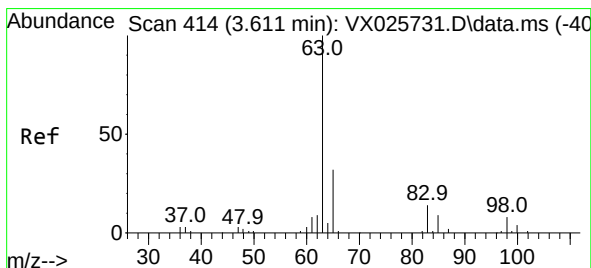
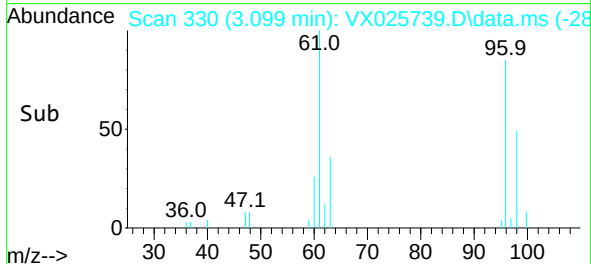
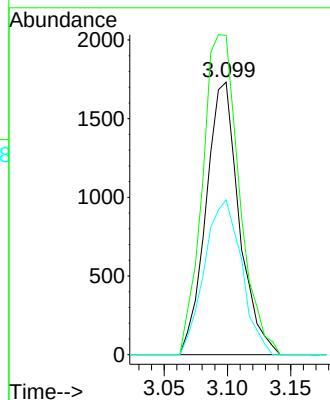
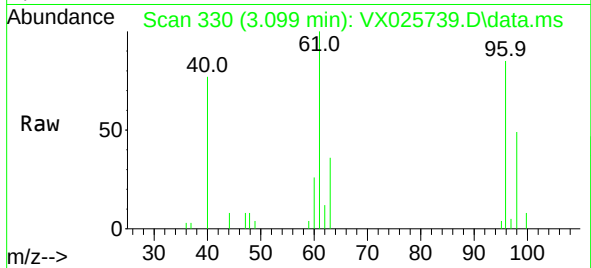




#17
trans-1,2-Dichloroethene
Concen: 9.580 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX025739.D
Acq: 11 Dec 2021 13:38

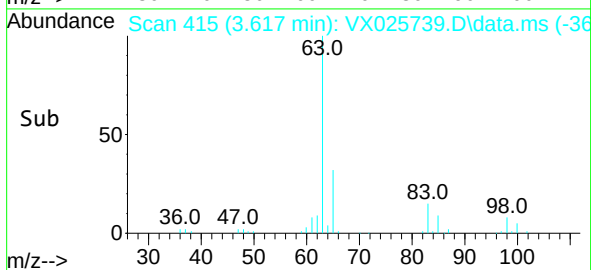
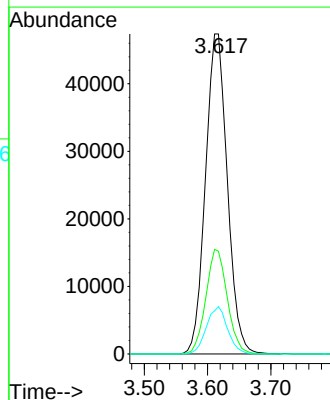
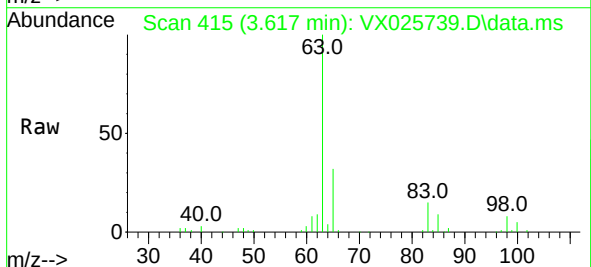
Instrument :
MSVOA_X
ClientSampleId :
EW5Q2

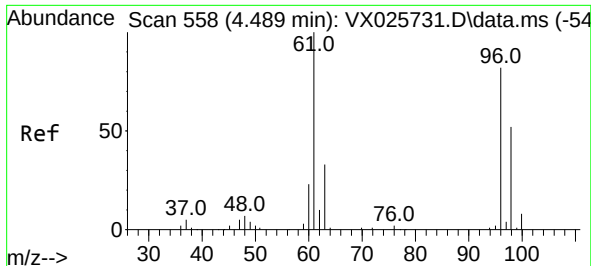
Tgt Ion: 96 Resp: 3158
Ion Ratio Lower Upper
96 100
61 117.2 88.5 164.4
98 56.9 44.3 82.3



#19
1,1-Dichloroethane
Concen: 192.956 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025739.D
Acq: 11 Dec 2021 13:38

Tgt Ion: 63 Resp: 113907
Ion Ratio Lower Upper
63 100
65 32.1 22.2 41.2
83 14.8 10.2 19.0

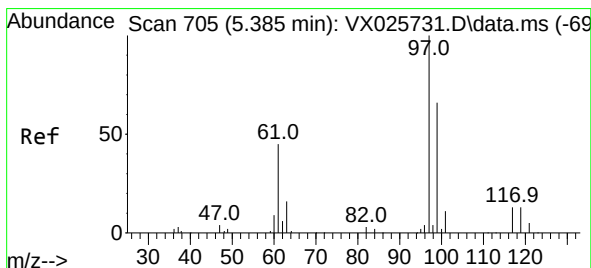
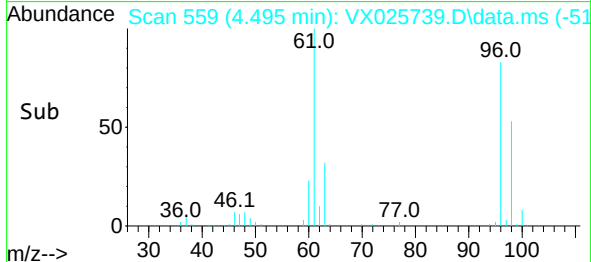
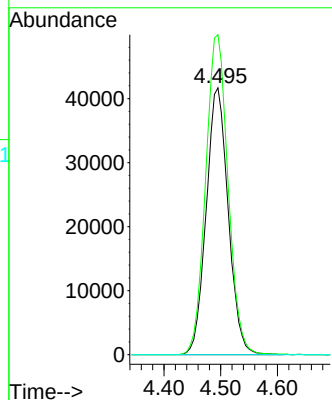
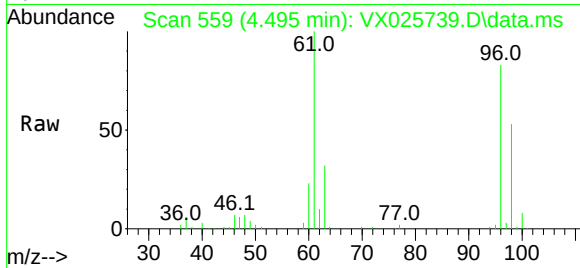




#20
 cis-1,2-Dichloroethene
 Concen: 289.613 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025739.D
 Acq: 11 Dec 2021 13:38

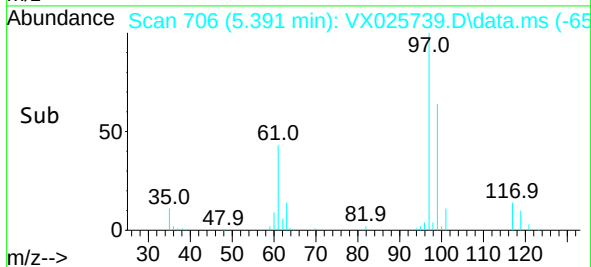
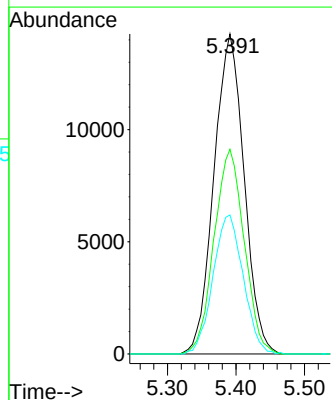
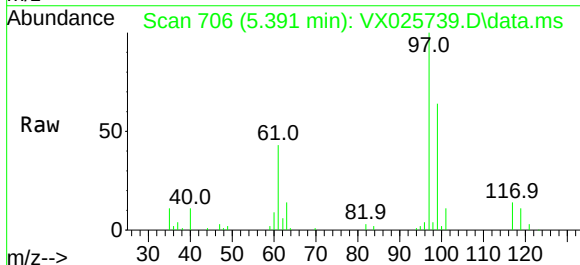
Instrument :
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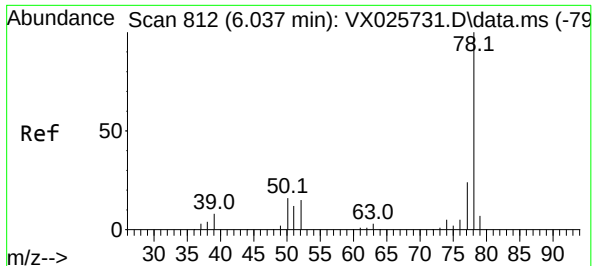
Tgt Ion: 96 Resp: 112499
 Ion Ratio Lower Upper
 96 100
 61 119.9 82.3 152.8
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 75.663 ug/L
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX025739.D
 Acq: 11 Dec 2021 13:38

Tgt Ion: 97 Resp: 43591
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.5 77.3
 61 43.4 33.1 49.7

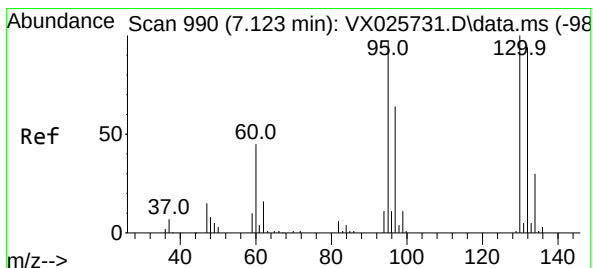
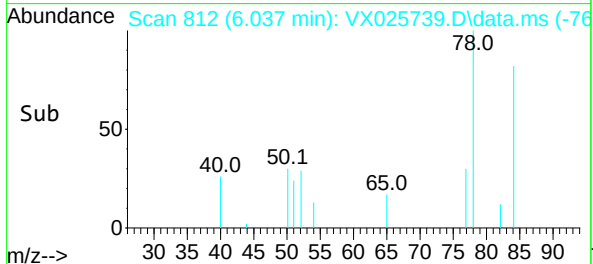
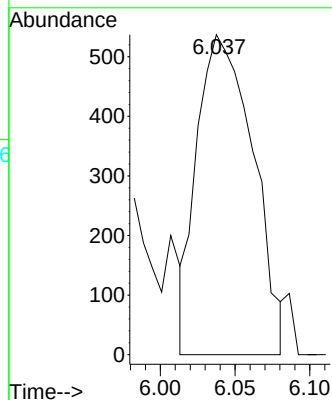
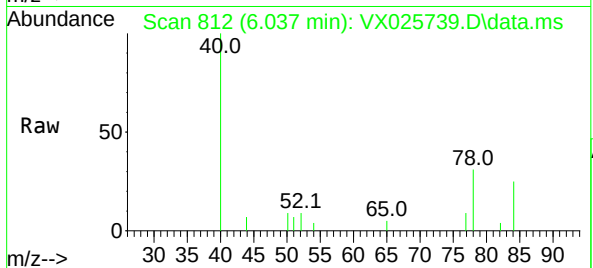




#33
Benzene
Concen: 1.003 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX025739.D
Acq: 11 Dec 2021 13:38

Instrument :
MSVOA_X
ClientSampleId :
EW5Q2

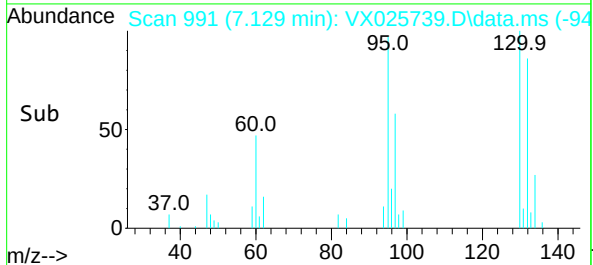
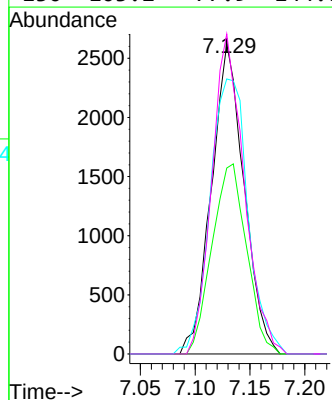
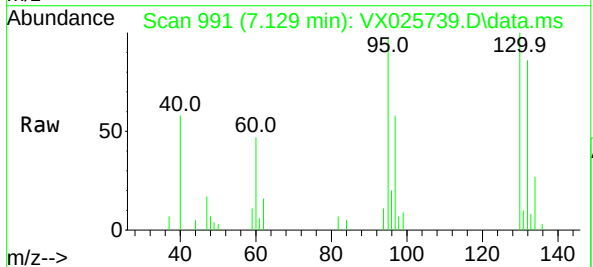
Tgt Ion: 78 Resp: 1399

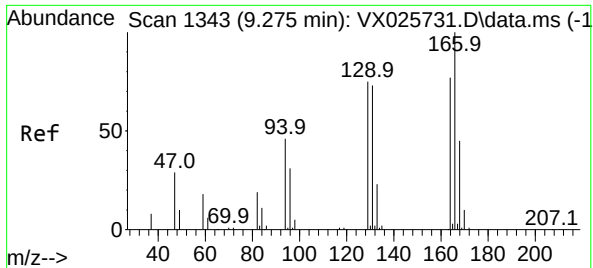


#34
Trichloroethene
Concen: 14.786 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025739.D
Acq: 11 Dec 2021 13:38

Tgt Ion: 95 Resp: 5422

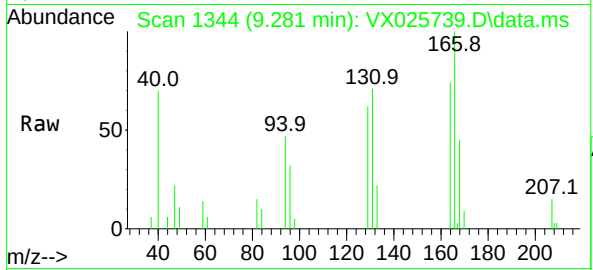
Ion	Ratio	Lower	Upper
95	100		
97	60.0	46.0	85.4
132	88.7	75.0	139.2
130	103.2	77.9	144.7





#46
 Tetrachloroethene
 Concen: 7.859 ug/L
 RT: 9.281 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX025739.D
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Tgt Ion:	164	Resp:	2444
Ion	Ratio	Lower	Upper
164	100		
129	84.6	64.7	120.1
131	96.4	63.2	117.4
166	136.0	90.1	167.3

