

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121923\
 Data File : VW033492.D
 Acq On : 19 Dec 2023 20:46
 Operator : SY/MD
 Sample : 05912-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 00:29:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:24:21 2023
 Response via : Initial Calibration

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

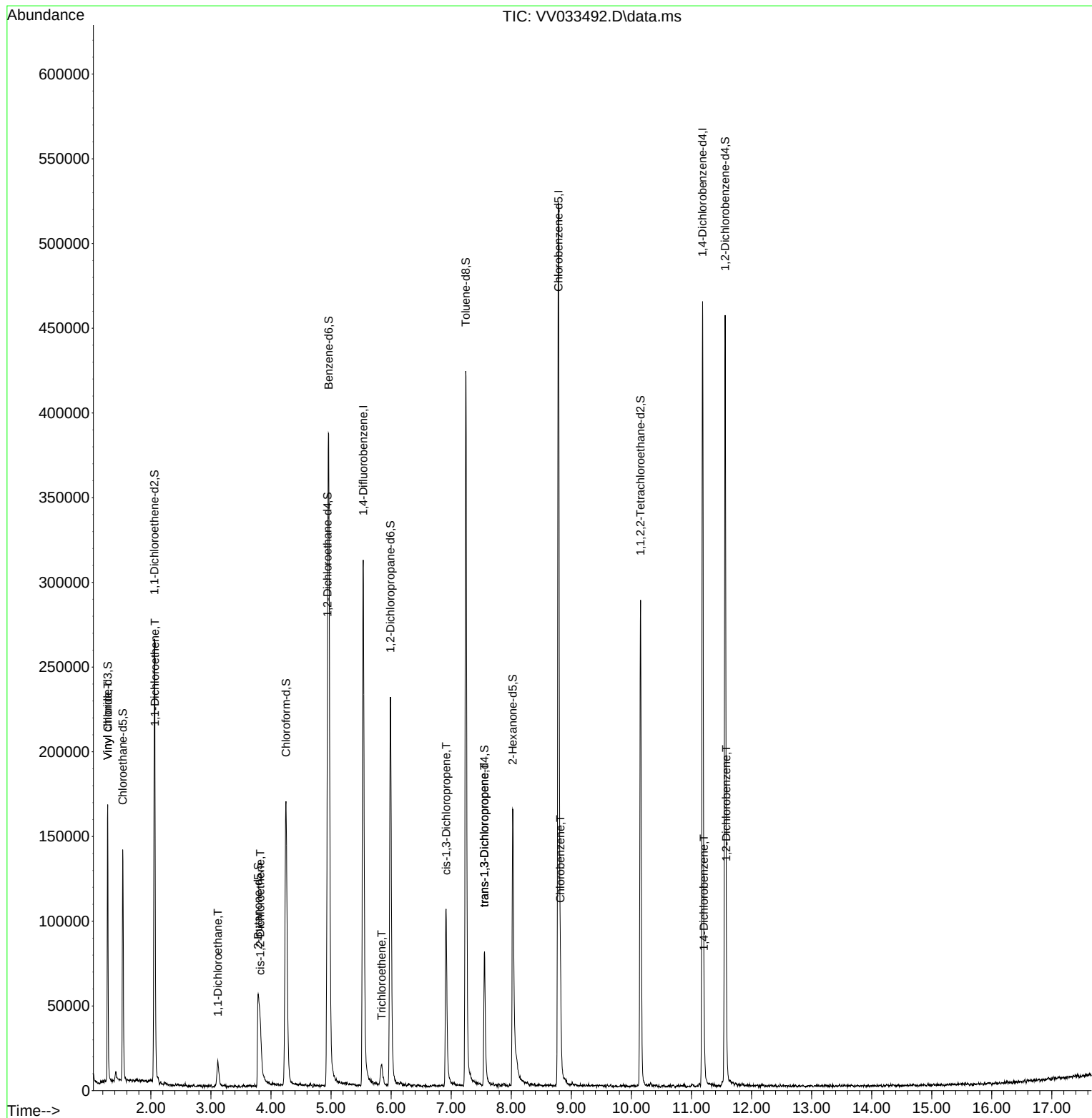
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	262235	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	273895	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	112563	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	99162	49.104	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.200%		
7) Chloroethane-d5	1.532	69	88694	48.941	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.880%		
11) 1,1-Dichloroethene-d2	2.059	65	45643	45.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.800%		
21) 2-Butanone-d5	3.786	46	83268	81.813	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.810%		
24) Chloroform-d	4.249	84	179047	44.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.640%		
26) 1,2-Dichloroethane-d4	4.940	65	116096	47.310	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.620%		
32) Benzene-d6	4.960	84	338358	45.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.740%		
36) 1,2-Dichloropropane-d6	5.989	67	108461	48.444	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.880%		
41) Toluene-d8	7.243	98	279791	41.451	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.900%		
43) trans-1,3-Dichloroprop...	7.554	79	45711	41.660	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.320%		
47) 2-Hexanone-d5	8.024	63	52829	70.154	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.150%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	134430	41.776	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.560%		
66) 1,2-Dichlorobenzene-d4	11.561	152	107273	50.714	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.420%		
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	2354	1.107	ug/L #	6
12) 1,1-Dichloroethene	2.069	96	2358	1.276	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	14554	4.347	ug/L	93
20) cis-1,2-Dichloroethene	3.821	96	12295	6.208	ug/L	90
34) Trichloroethene	5.841	95	3493	1.744	ug/L	95
39) cis-1,3-Dichloropropene	6.918	75	3148	1.093	ug/L	85
44) trans-1,3-Dichloropropene	7.554	75	2292	0.793	ug/L	98
51) Chlorobenzene	8.818	112	37122	6.657	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	4479	1.253	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	5600	1.620	ug/L #	94

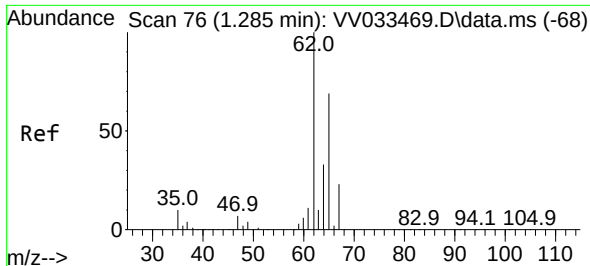
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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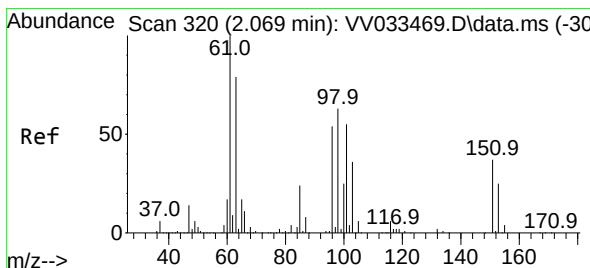
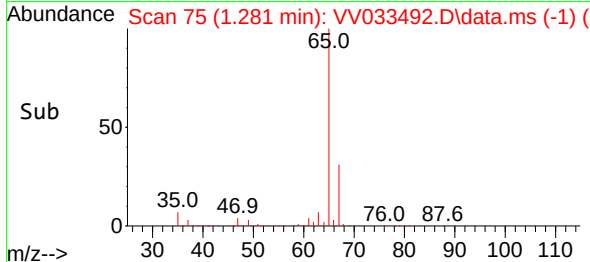
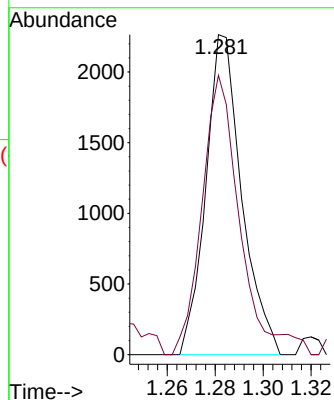
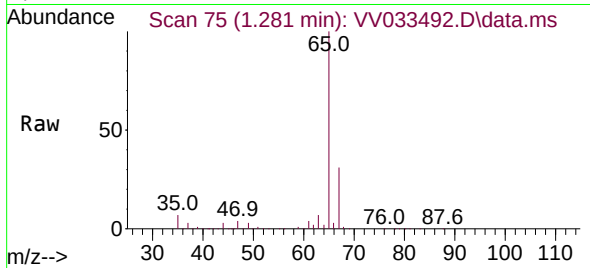




#5
 Vinyl chloride
 Concen: 1.107 ug/L
 RT: 1.281 min Scan# 76
 Delta R.T. -0.003 min
 Lab File: VV033492.D
 Acq: 19 Dec 2023 20:46

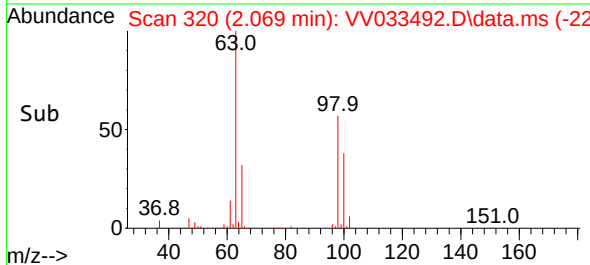
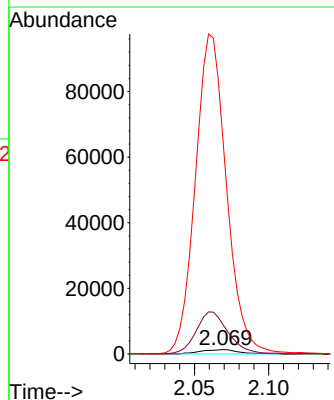
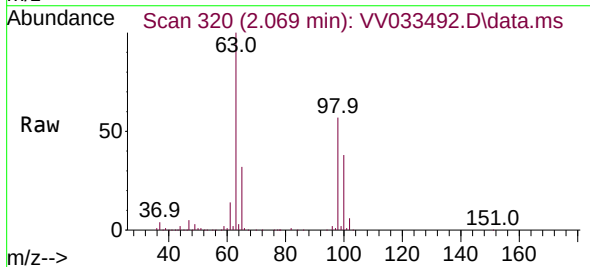
Instrument :
 MSVOA_V
 ClientSampleId :

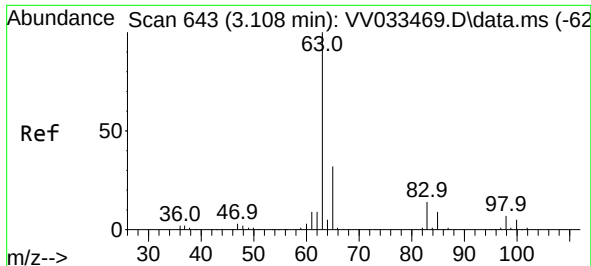
Tgt Ion: 62 Resp: 2354
 Ion Ratio Lower Upper
 62 100
 64 87.3 23.4 43.6#



#12
 1,1-Dichloroethene
 Concen: 1.276 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033492.D
 Acq: 19 Dec 2023 20:46

Tgt Ion: 96 Resp: 2358
 Ion Ratio Lower Upper
 96 100
 61 675.1 124.3 230.8#
 63 4925.1 108.1 200.7#





#19

1,1-Dichloroethane

Concen: 4.347 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV033492.D

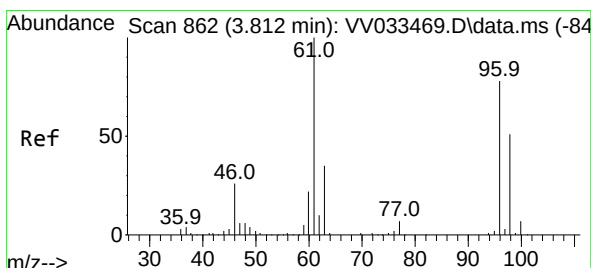
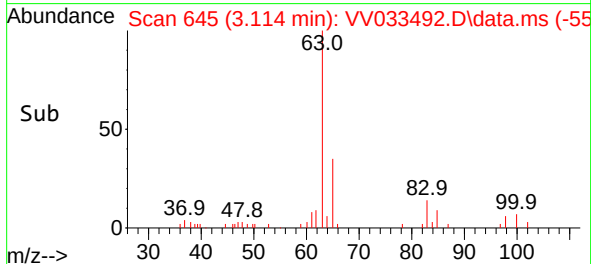
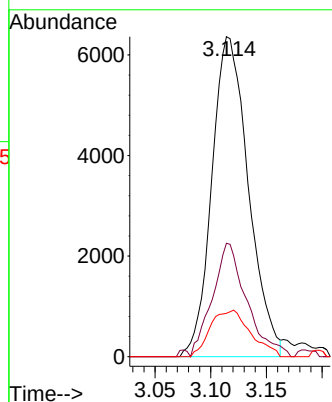
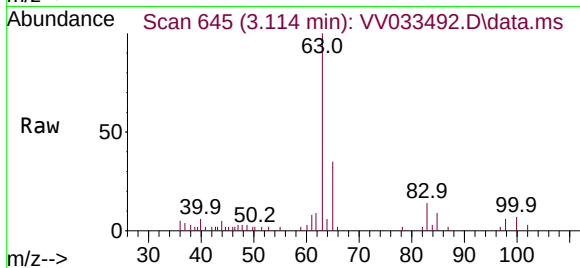
Acq: 19 Dec 2023 20:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 14554
Ion Ratio	Lower Upper
63 100	
65 35.5	21.1 39.3
83 13.5	9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 6.208 ug/L

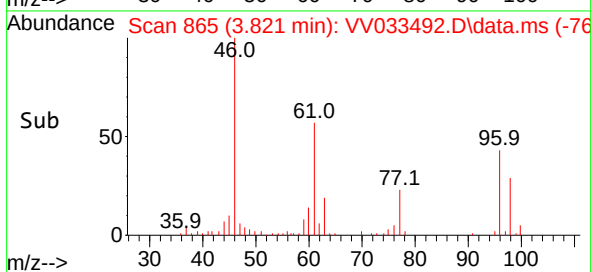
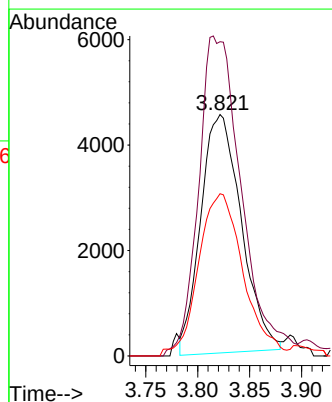
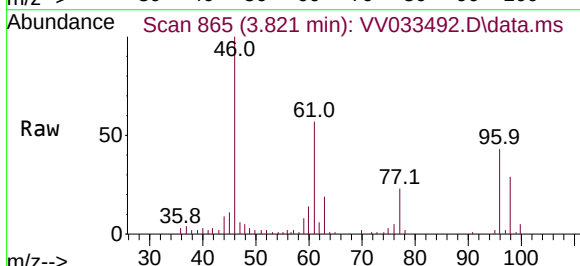
RT: 3.821 min Scan# 865

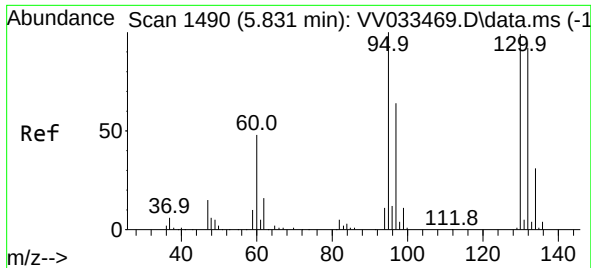
Delta R.T. 0.009 min

Lab File: VV033492.D

Acq: 19 Dec 2023 20:46

Tgt Ion: 96	Resp: 12295
Ion Ratio	Lower Upper
96 100	
61 130.1	81.9 152.1
98 67.2	44.3 82.3

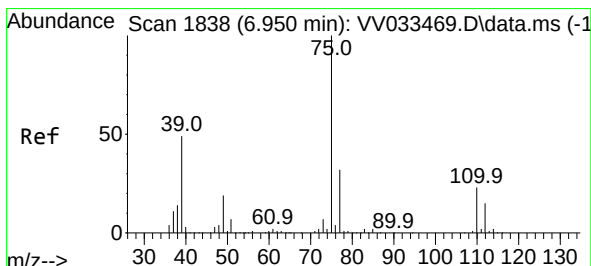
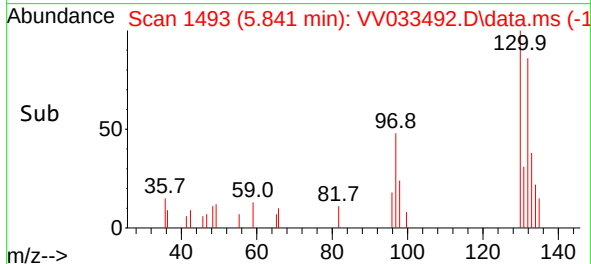
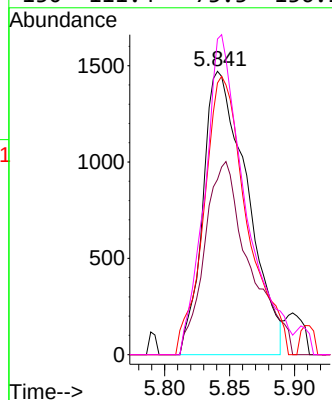
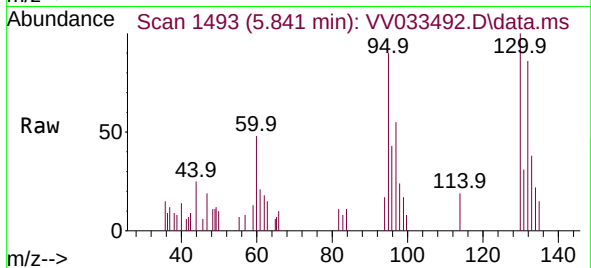




#34
Trichloroethene
Concen: 1.744 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.009 min
Lab File: VV033492.D
Acq: 19 Dec 2023 20:46

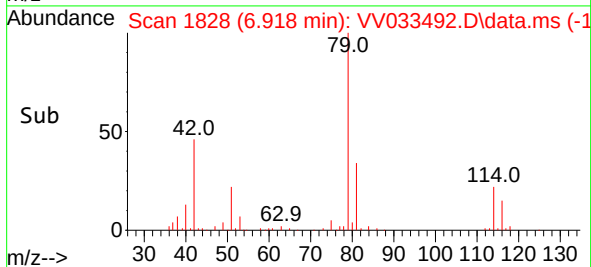
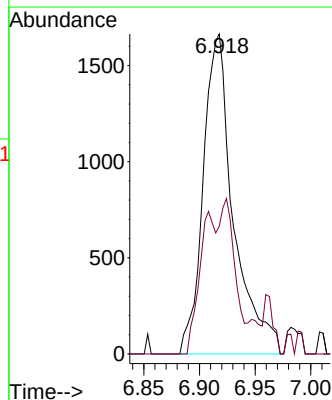
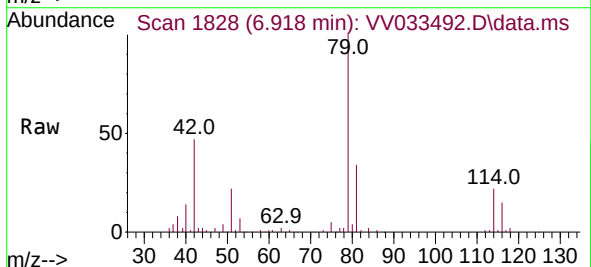
Instrument :
MSVOA_V
ClientSampleId :

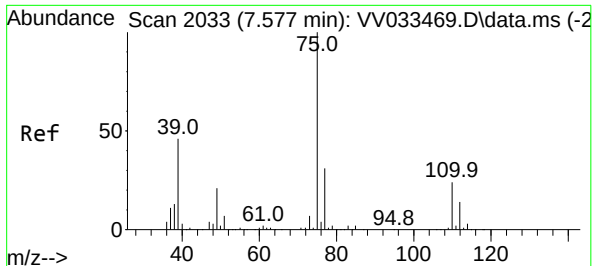
Tgt Ion:	95	Resp:	3493
Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.8	83.2
132	95.9	69.9	129.7
130	111.4	73.3	136.1



#39
cis-1,3-Dichloropropene
Concen: 1.093 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.032 min
Lab File: VV033492.D
Acq: 19 Dec 2023 20:46

Tgt Ion:	75	Resp:	3148
Ion	Ratio	Lower	Upper
75	100		
77	40.0	22.3	41.3

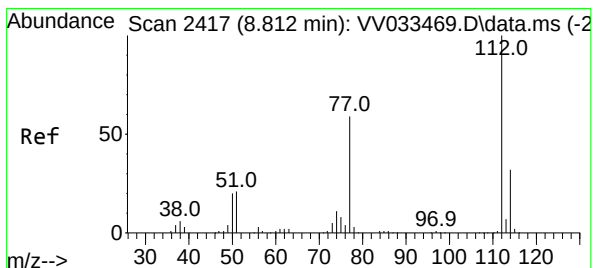
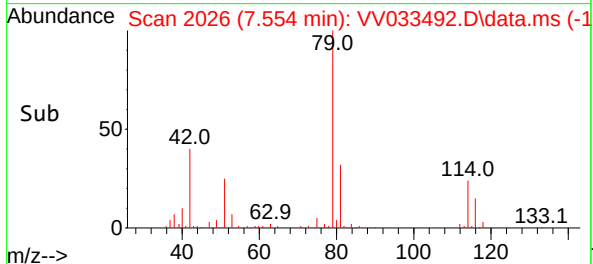
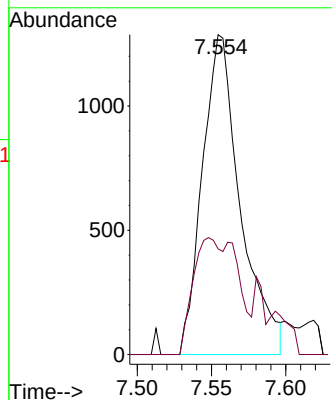
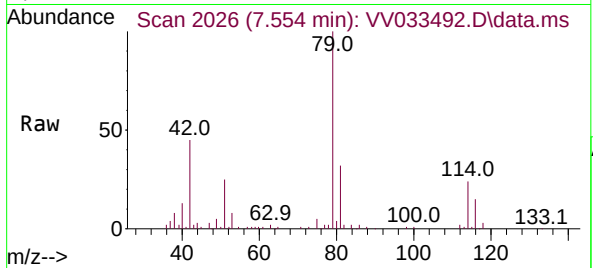




#44
trans-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 7.554 min Scan# 2033
Delta R.T. -0.023 min
Lab File: VV033492.D
Acq: 19 Dec 2023 20:46

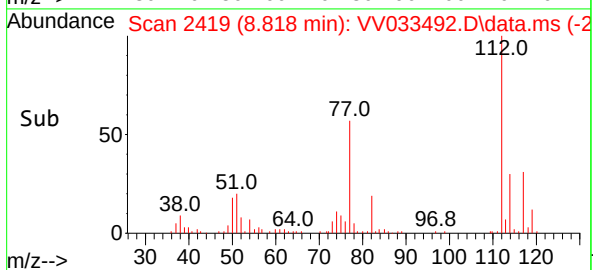
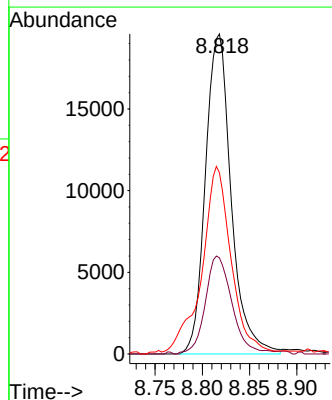
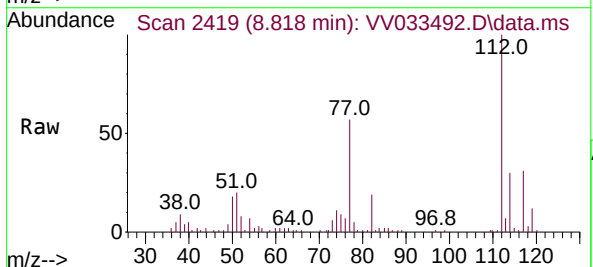
Instrument :
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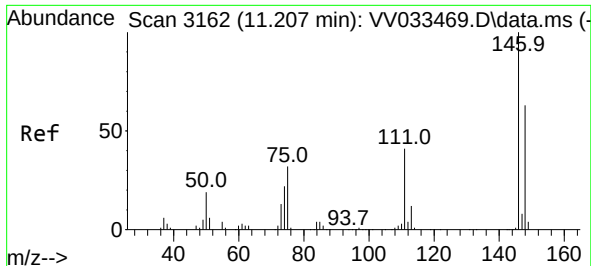
Tgt Ion: 75 Resp: 2292
Ion Ratio Lower Upper
75 100
77 33.0 22.4 41.6



#51
Chlorobenzene
Concen: 6.657 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.006 min
Lab File: VV033492.D
Acq: 19 Dec 2023 20:46

Tgt Ion: 112 Resp: 37122
Ion Ratio Lower Upper
112 100
114 30.1 22.5 41.7
77 56.6 45.2 67.8

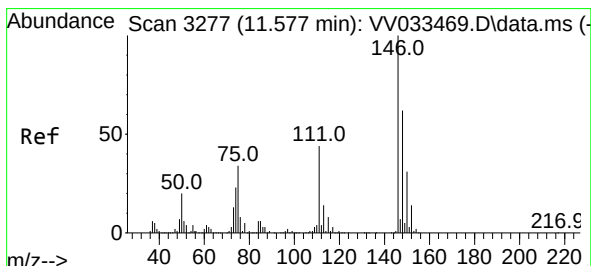
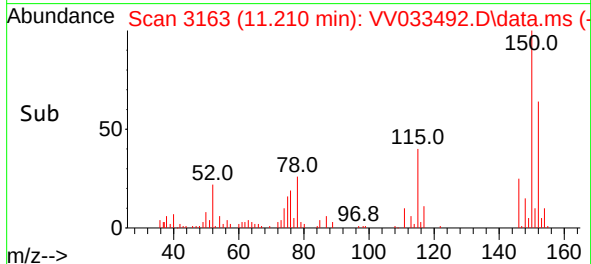
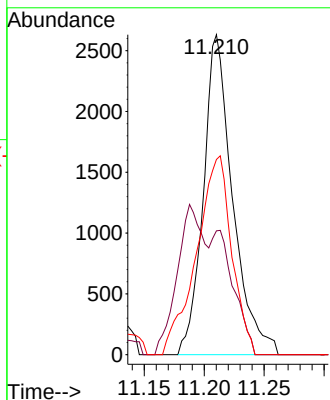
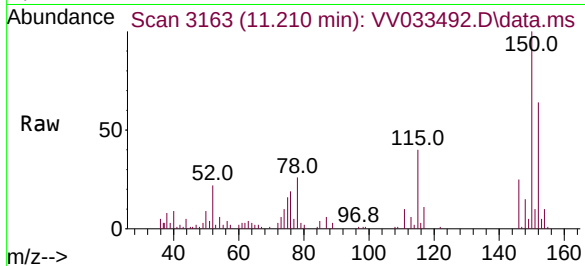




#65
1,4-Dichlorobenzene
Concen: 1.253 ug/L
RT: 11.210 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV033492.D
Acq: 19 Dec 2023 20:46

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 4479
Ion Ratio Lower Upper
146 100
111 38.7 27.9 51.7
148 61.0 45.5 84.5



#67
1,2-Dichlorobenzene
Concen: 1.620 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV033492.D
Acq: 19 Dec 2023 20:46

Tgt Ion:146 Resp: 5600
Ion Ratio Lower Upper
146 100
111 50.3 33.5 50.3#
148 64.2 51.1 76.7

