

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101822\
 Data File : VW028611.D
 Acq On : 18 Oct 2022 13:32
 Operator : SY/MD
 Sample : N5163-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 00:38:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 19 00:35:12 2022
 Response via : Initial Calibration

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

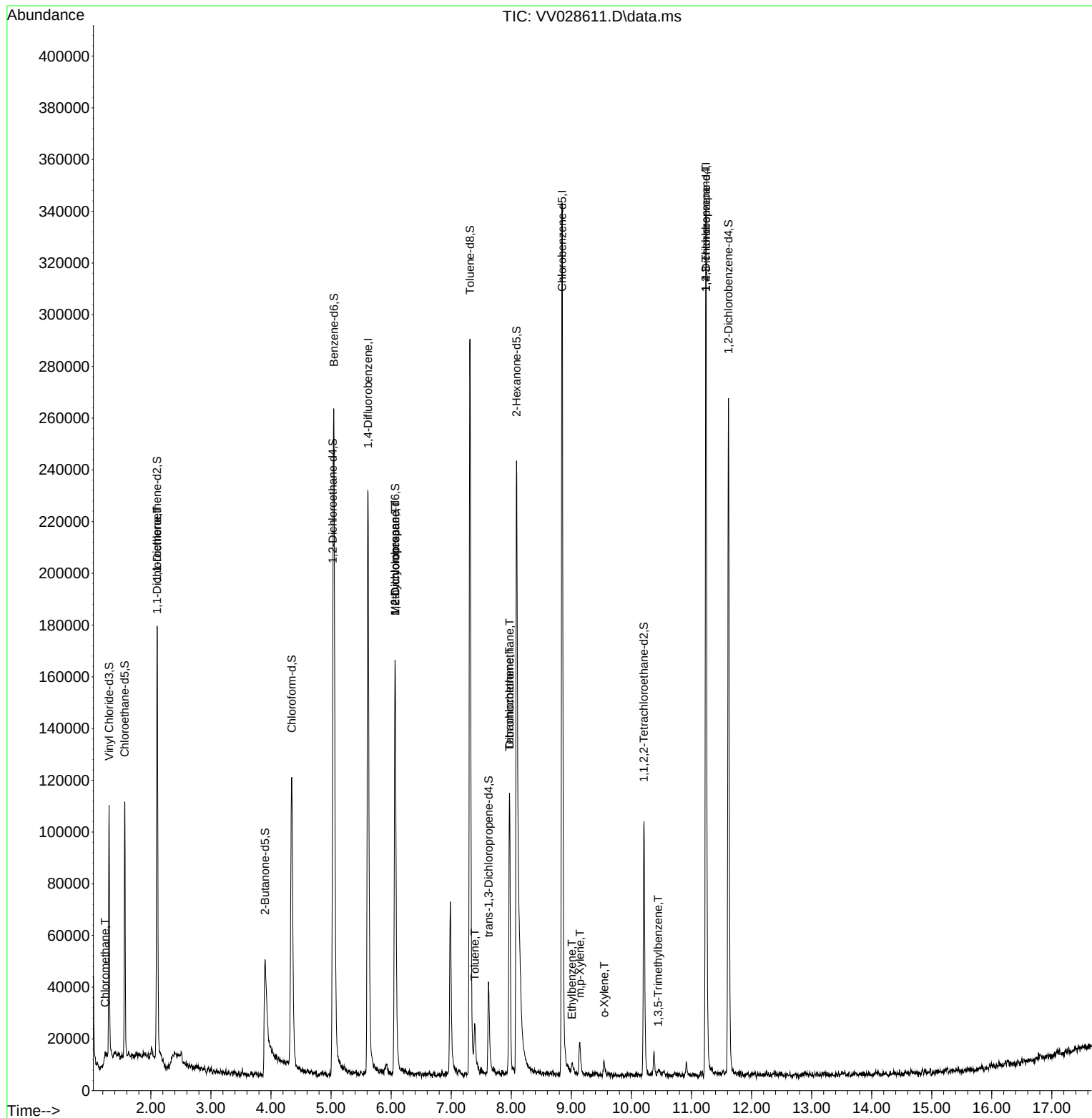
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	187896	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	175695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	81802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	63057	3.899	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.000%
7) Chloroethane-d5	1.564	69	60331	4.538	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.105	63	92575	3.161	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.902	46	90718	26.096	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.200%
24) Chloroform-d	4.346	84	115274	4.655	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.031	65	57890	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.047	84	227587	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.066	67	78808	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.313	98	186489	4.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.622	79	22902	3.703	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	113890	42.665	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.340%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	50123	4.598	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	63708	4.720	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1283	0.072	ug/L	86
12) 1,1-Dichloroethene	2.101	96	1006	0.086	ug/L #	1
35) Methylcyclohexane	6.066	83	17386	0.704	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	8610	0.545	ug/L #	88
42) Toluene	7.394	91	13556	0.233	ug/L	99
47) Tetrachloroethene	7.969	164	22662	2.348	ug/L	97
49) Dibromochloromethane	7.973	129	21167	2.260	ug/L #	12
52) Ethylbenzene	9.008	91	2650	0.041	ug/L	87
53) m,p-Xylene	9.143	106	3824	0.158	ug/L	95
54) o-Xylene	9.548	106	1311	0.056	ug/L	84
61) 1,2,3-Trichloropropane	11.239	75	12392	1.695	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.445	105	990	0.055	ug/L	98

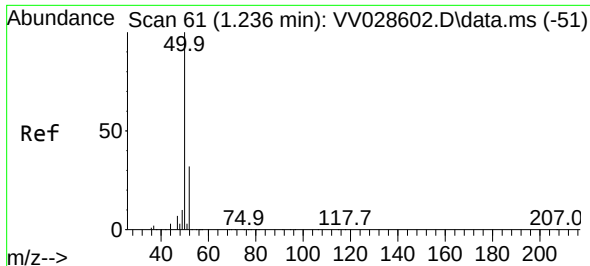
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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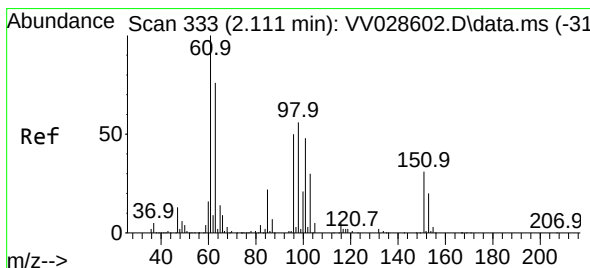
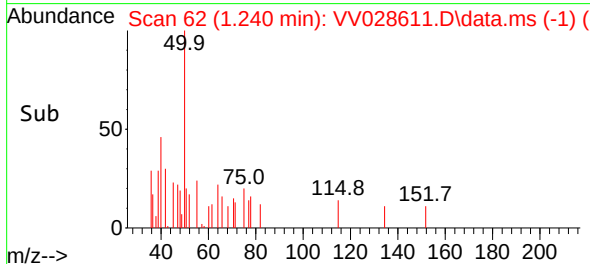
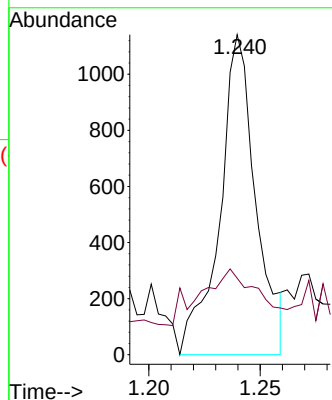
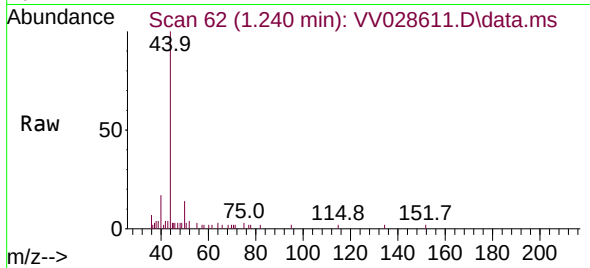




#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

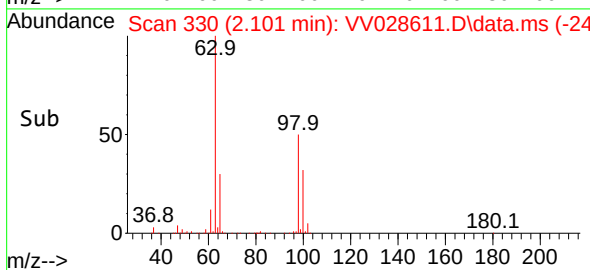
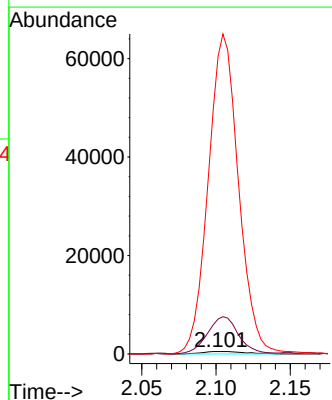
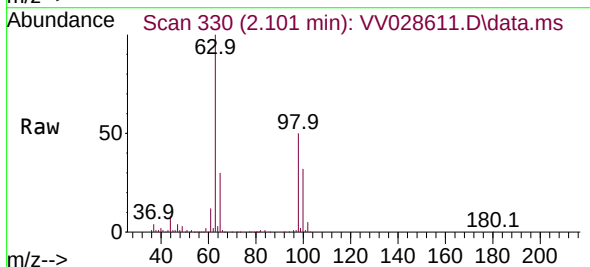
Instrument :
MSVOA_V
ClientSampleId :

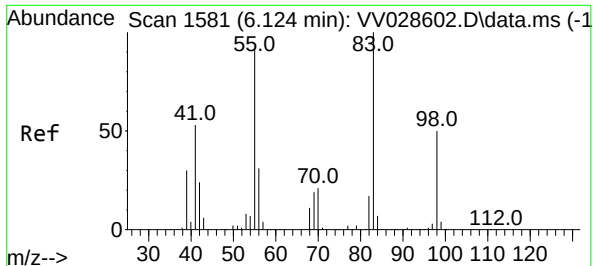
Tgt Ion: 50 Resp: 1283
Ion Ratio Lower Upper
50 100
52 23.9 22.0 41.0



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.010 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

Tgt Ion: 96 Resp: 1006
Ion Ratio Lower Upper
96 100
61 1409.7 142.9 265.5#
63 12022.3 102.3 190.1#

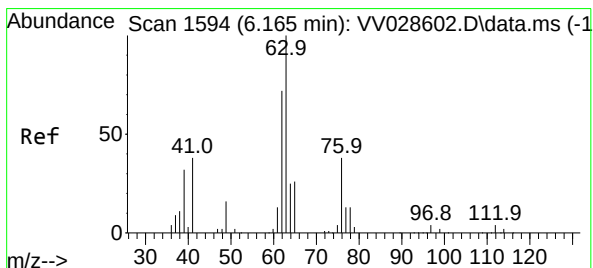
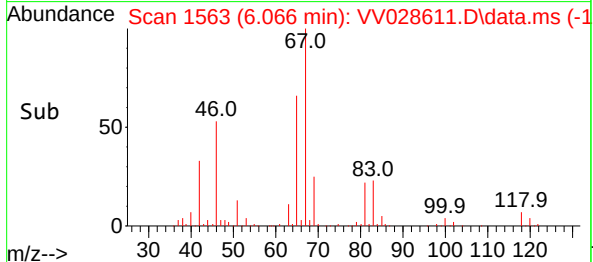
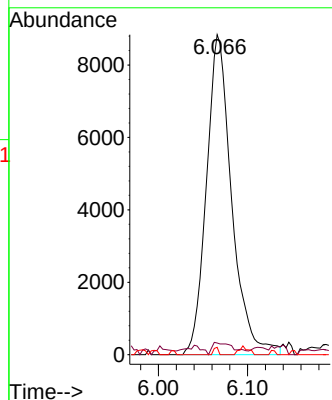
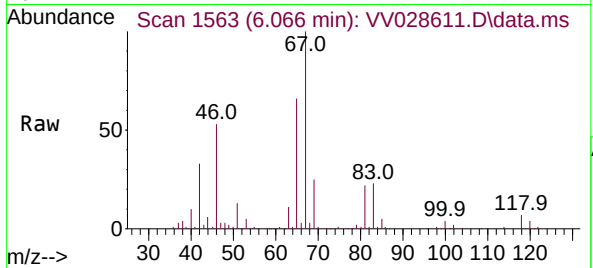




#35
Methylcyclohexane
Concen: 0.704 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

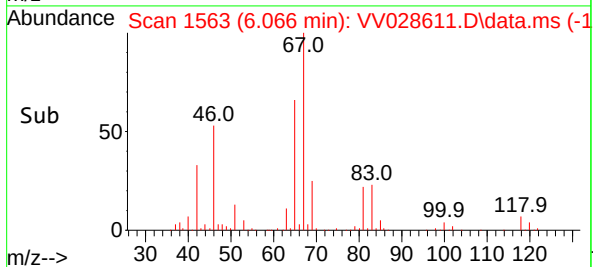
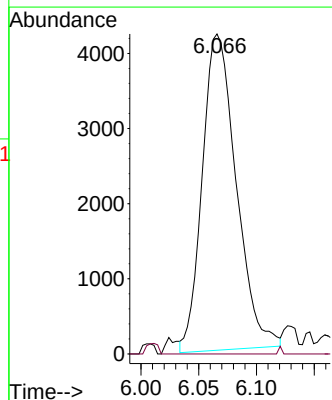
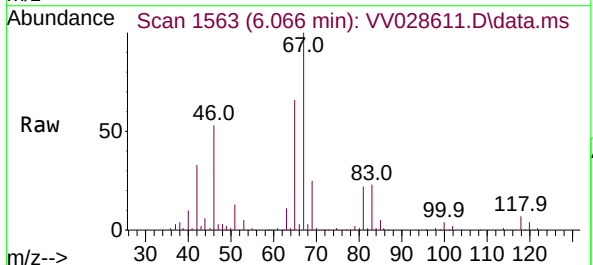
Instrument :
MSVOA_V
ClientSampleId :

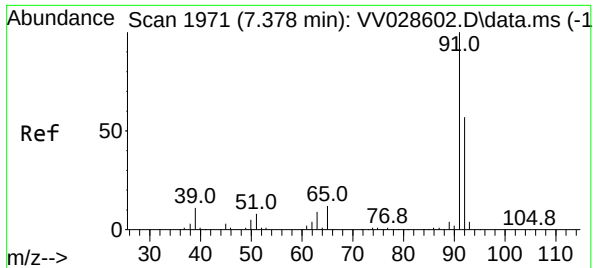
Tgt Ion: 83 Resp: 17386
Ion Ratio Lower Upper
83 100
55 2.8 65.0 97.6#
98 0.4 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

Tgt Ion: 63 Resp: 8610
Ion Ratio Lower Upper
63 100
112 0.2 3.4 5.2#

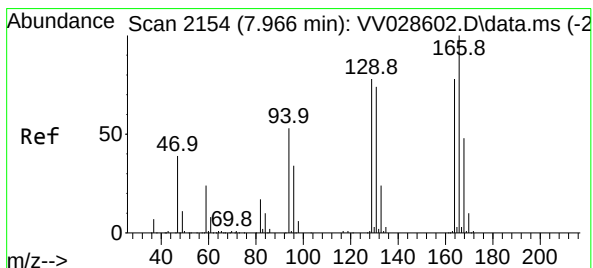
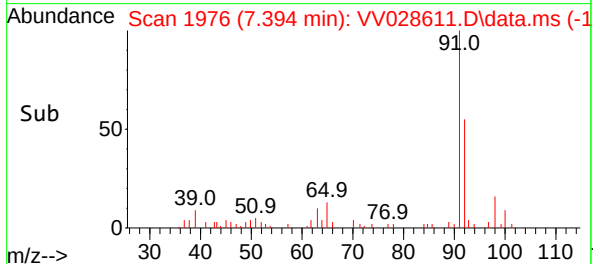
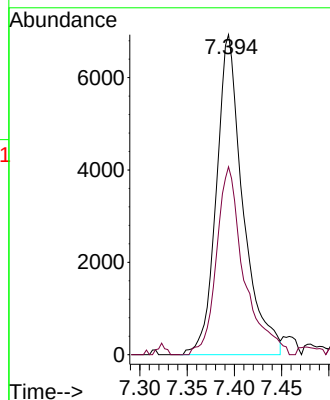
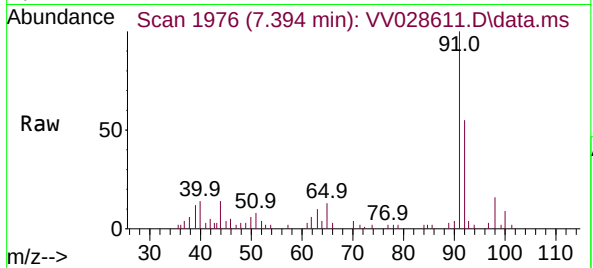




#42
Toluene
Concen: 0.233 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.016 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

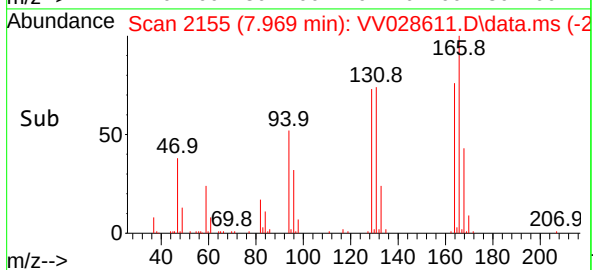
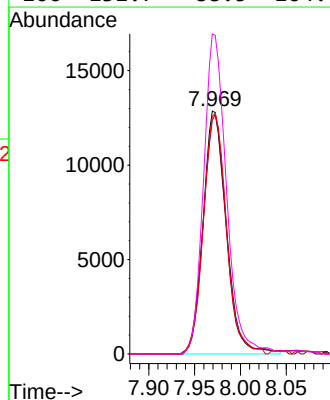
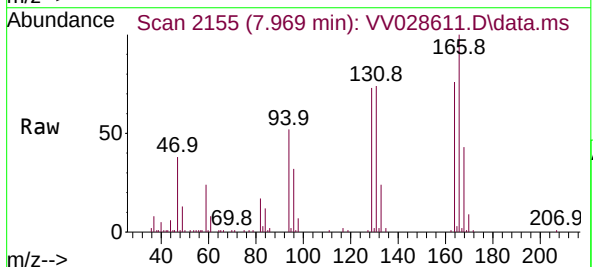
Instrument :
MSVOA_V
ClientSampleId :

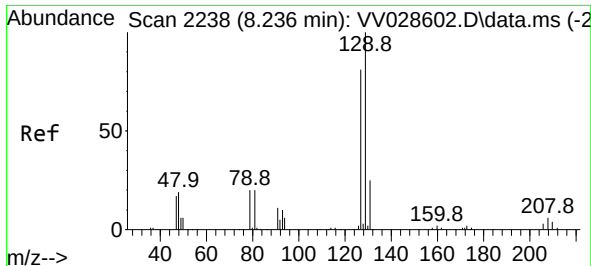
Tgt Ion: 91 Resp: 13556
Ion Ratio Lower Upper
91 100
92 58.7 40.7 75.5



#47
Tetrachloroethene
Concen: 2.348 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

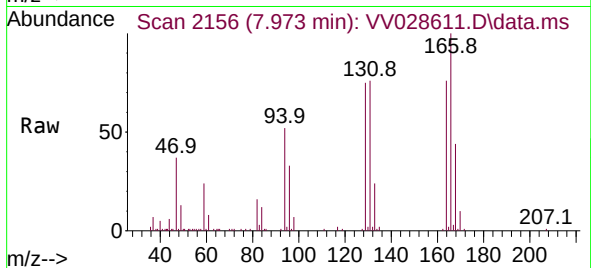
Tgt Ion: 164 Resp: 22662
Ion Ratio Lower Upper
164 100
129 96.3 69.3 128.7
131 97.9 67.3 125.1
166 131.7 88.5 164.4



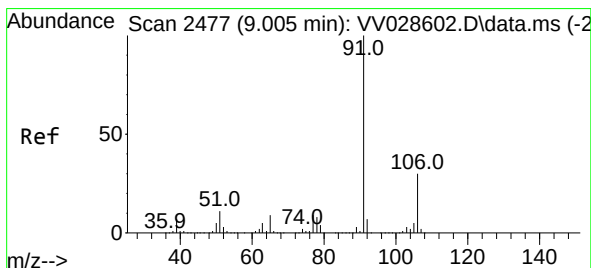
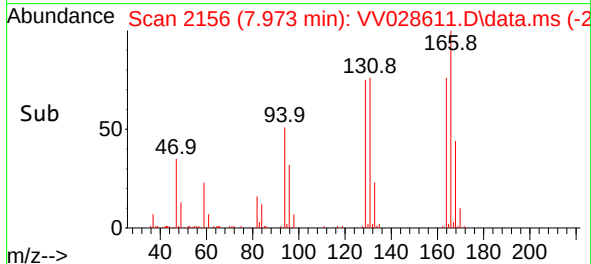
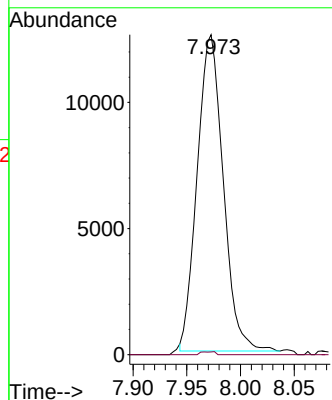


#49
Dibromochloromethane
Concen: 2.260 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.264 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

Instrument :
MSVOA_V
ClientSampleId :

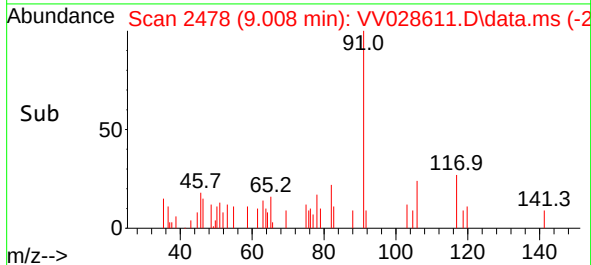
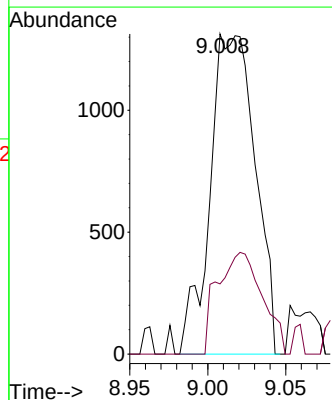
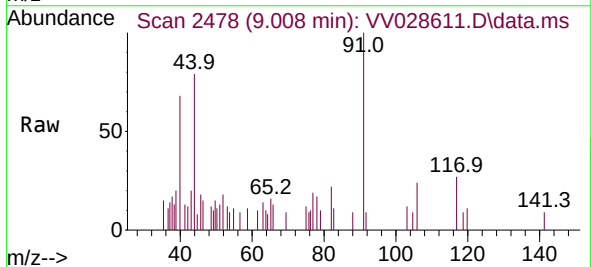


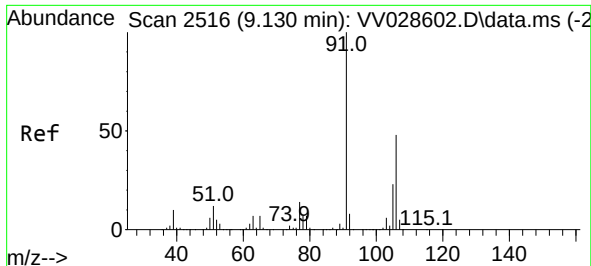
Tgt Ion:129 Resp: 21167
Ion Ratio Lower Upper
129 100
127 0.8 53.8 100.0#



#52
Ethylbenzene
Concen: 0.041 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

Tgt Ion: 91 Resp: 2650
Ion Ratio Lower Upper
91 100
106 21.9 20.3 37.7

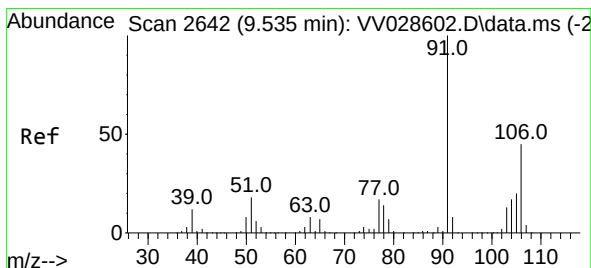
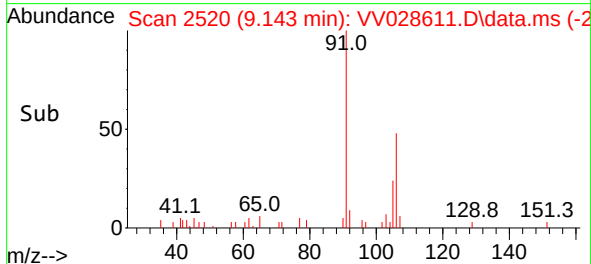
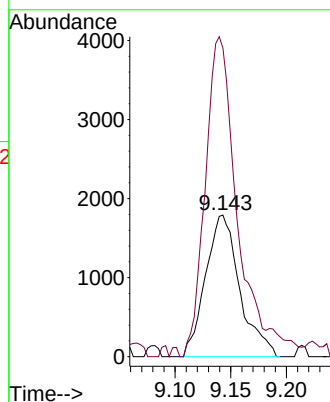
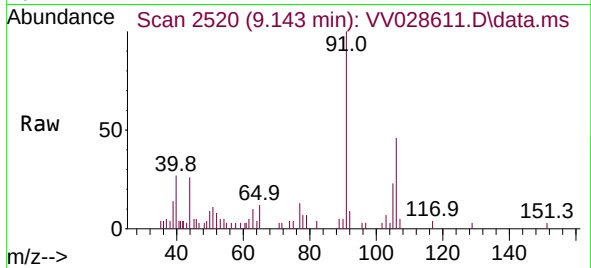




#53
m,p-Xylene
Concen: 0.158 ug/L
RT: 9.143 min Scan# 2516
Delta R.T. 0.013 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

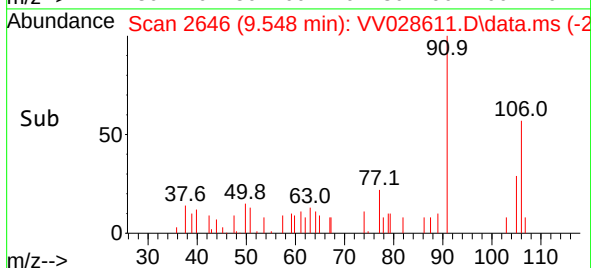
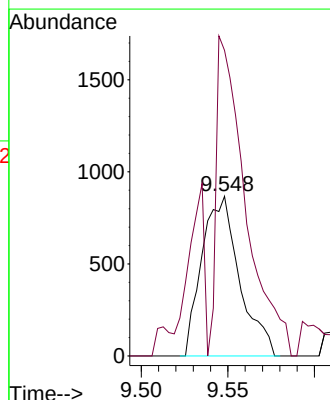
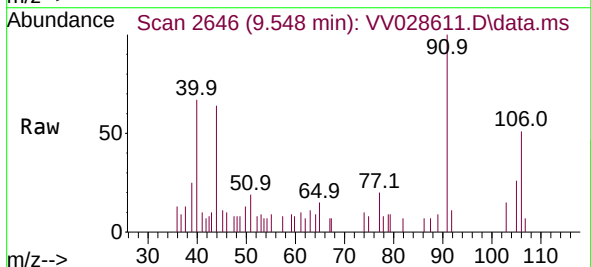
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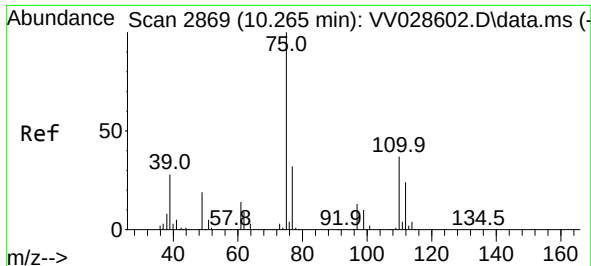
Tgt Ion:106 Resp: 3824
Ion Ratio Lower Upper
106 100
91 217.9 146.9 272.9



#54
o-Xylene
Concen: 0.056 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.013 min
Lab File: VV028611.D
Acq: 18 Oct 2022 13:32

Tgt Ion:106 Resp: 1311
Ion Ratio Lower Upper
106 100
91 191.5 151.4 281.2

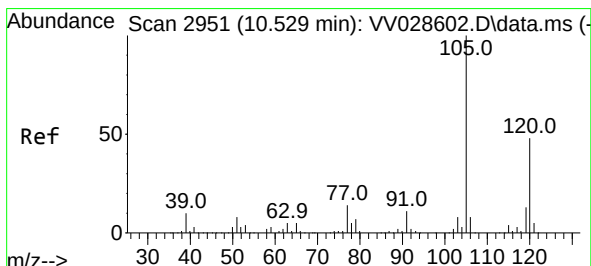
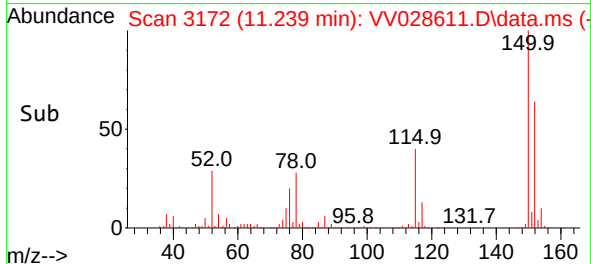
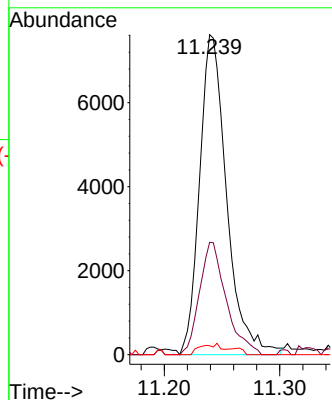
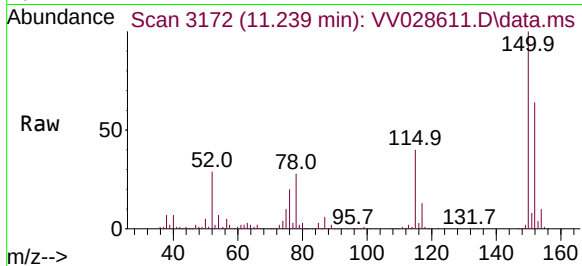




#61
 1,2,3-Trichloropropane
 Concen: 1.695 ug/L
 RT: 11.239 min Scan# 3172
 Delta R.T. 0.974 min
 Lab File: VV028611.D
 Acq: 18 Oct 2022 13:32

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Tgt Ion: 75 Resp: 12392
 Ion Ratio Lower Upper
 75 100
 77 34.6 24.6 37.0
 110 2.6 28.3 42.5#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.055 ug/L
 RT: 10.445 min Scan# 2925
 Delta R.T. -0.084 min
 Lab File: VV028611.D
 Acq: 18 Oct 2022 13:32

Tgt Ion: 105 Resp: 990
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.0 57.0

