

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072722\
 Data File : VW027017.D
 Acq On : 27 Jul 2022 23:06
 Operator : SY/MD
 Sample : N3843-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF0

Quant Time: Jul 28 06:17:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 28 02:51:09 2022
 Response via : Initial Calibration

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

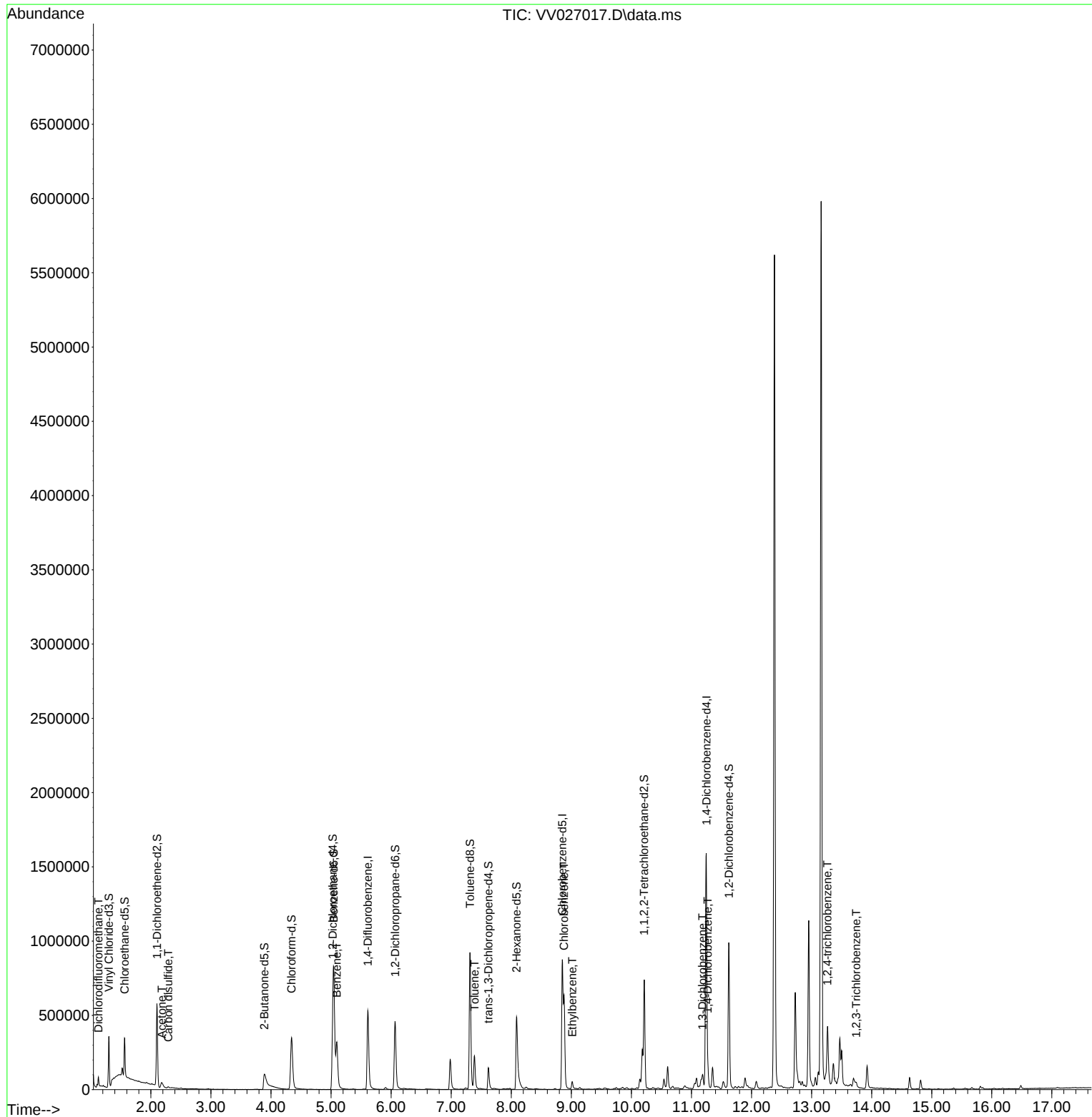
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	488878	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	485759	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	278572	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	213815	52.147	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.300%
7) Chloroethane-d5	1.564	69	173791	52.393	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.780%
11) 1,1-Dichloroethene-d2	2.101	63	281727	38.192	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.380%
21) 2-Butanone-d5	3.889	46	236148	85.444	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.440%
24) Chloroform-d	4.342	84	374586	46.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.840%
26) 1,2-Dichloroethane-d4	5.027	65	219175	47.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
32) Benzene-d6	5.043	84	776829	52.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.820%
36) 1,2-Dichloropropane-d6	6.066	67	244305	51.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.260%
41) Toluene-d8	7.313	98	646092	50.290	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.580%
43) trans-1,3-Dichloroprop...	7.619	79	90961	45.876	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.760%
47) 2-Hexanone-d5	8.088	63	208693	101.289	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.290%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	361568	50.299	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	260877	49.917	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	31116	6.161	ug/L	99
13) Acetone	2.182	43	76197	39.265	ug/L	94
14) Carbon disulfide	2.288	76	10223	0.948	ug/L	97
33) Benzene	5.095	78	344958	22.082	ug/L	100
42) Toluene	7.387	91	176519	11.070	ug/L	99
51) Chlorobenzene	8.879	112	350794	31.562	ug/L	99
52) Ethylbenzene	9.014	91	36852	2.227	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	15728	1.870	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	41077	4.609	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	25368	5.056	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	8660	1.655	ug/L	97

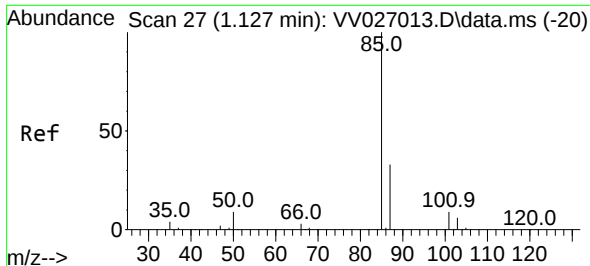
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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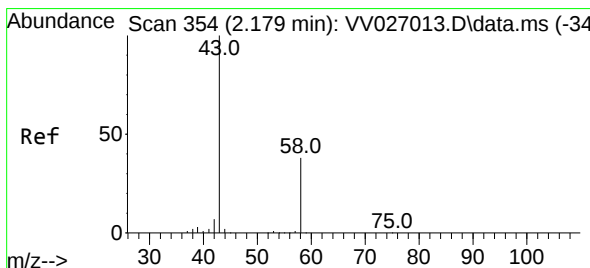
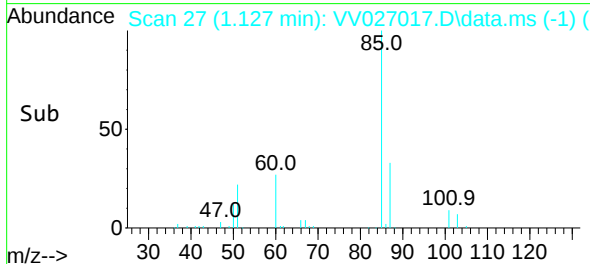
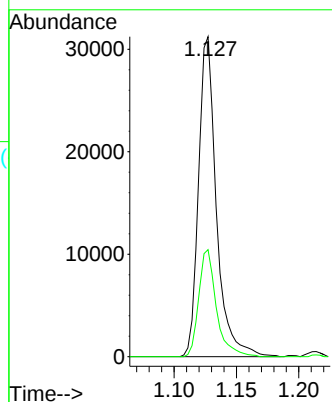
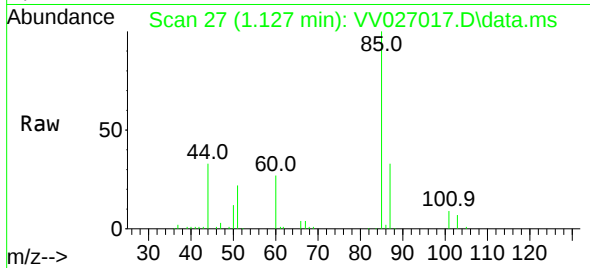




#2
 Dichlorodifluoromethane
 Concen: 6.161 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027017.D
 Acq: 27 Jul 2022 23:06

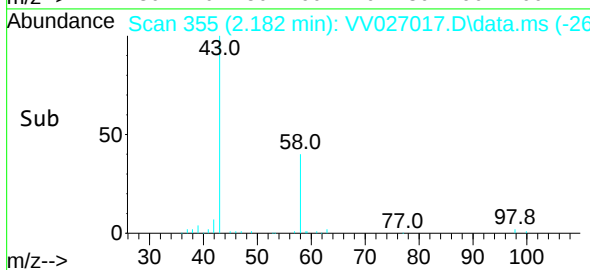
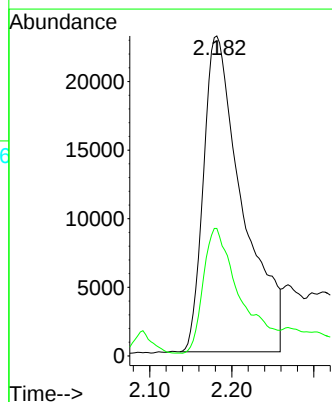
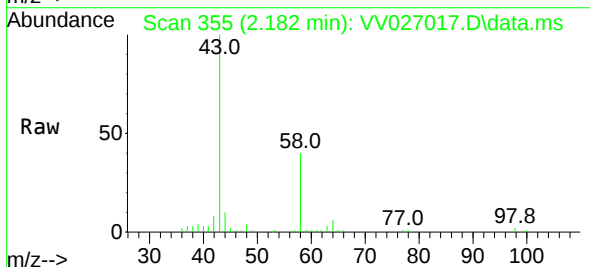
Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF0

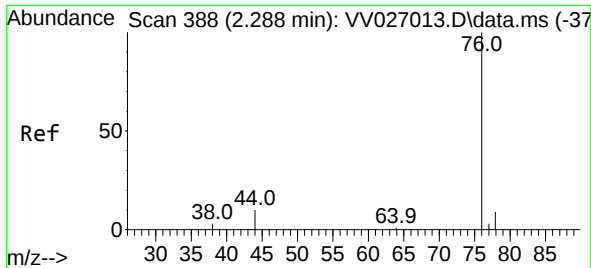
Tgt Ion: 85 Resp: 31116
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.1 39.1



#13
 Acetone
 Concen: 39.265 ug/L
 RT: 2.182 min Scan# 355
 Delta R.T. 0.003 min
 Lab File: VV027017.D
 Acq: 27 Jul 2022 23:06

Tgt Ion: 43 Resp: 76197
 Ion Ratio Lower Upper
 43 100
 58 32.6 0.0 72.6

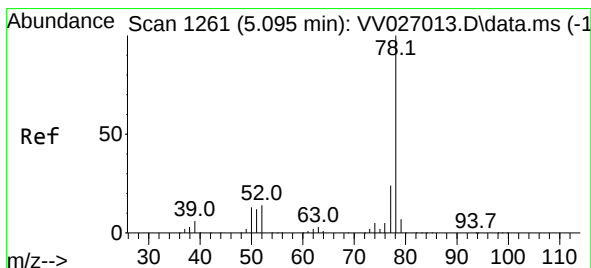
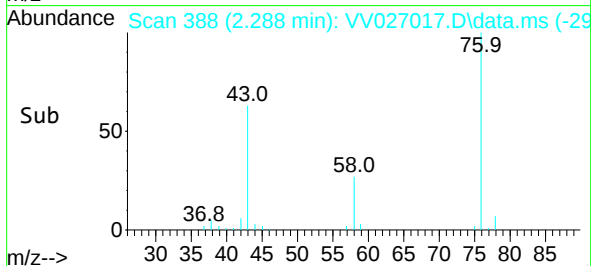
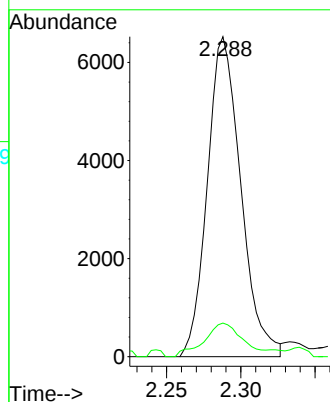
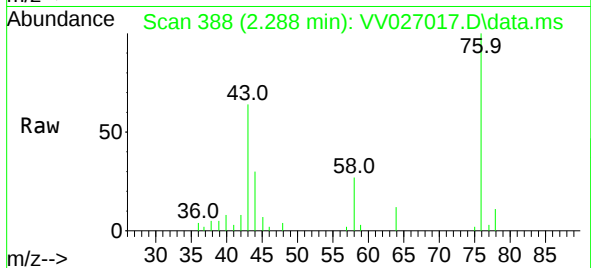




#14
Carbon disulfide
Concen: 0.948 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

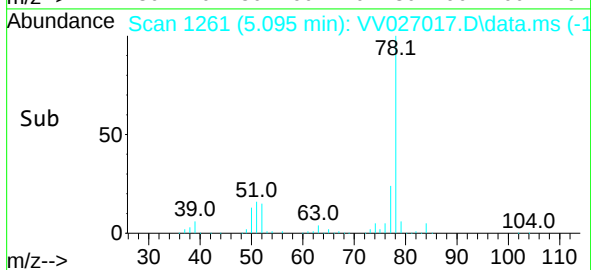
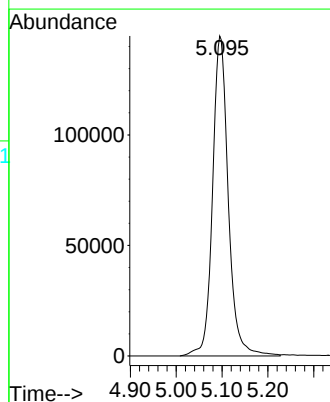
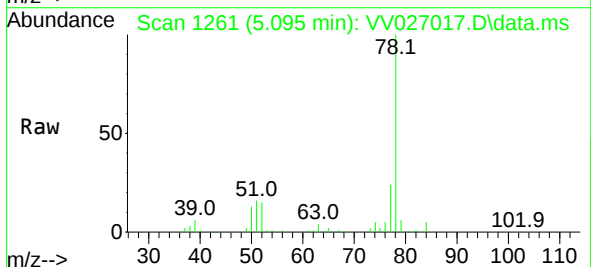
Instrument :
MSVOA_V
ClientSampleId :
DBUF0

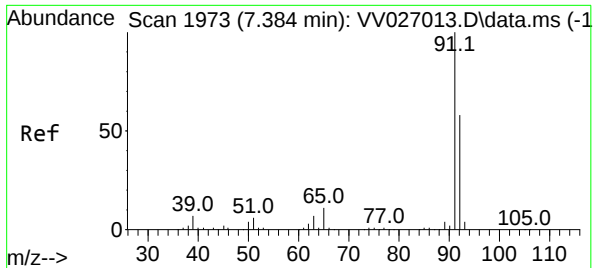
Tgt Ion: 76 Resp: 10223
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.2



#33
Benzene
Concen: 22.082 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion: 78 Resp: 344958

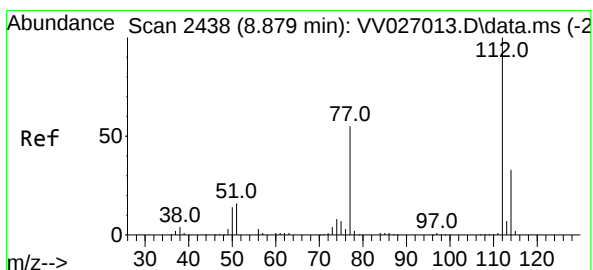
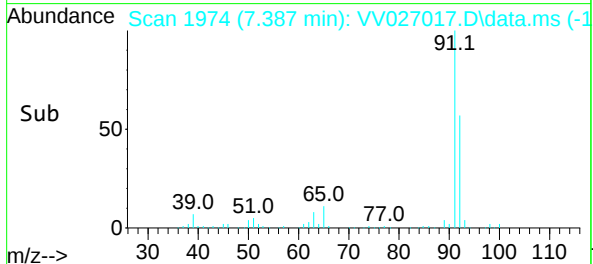
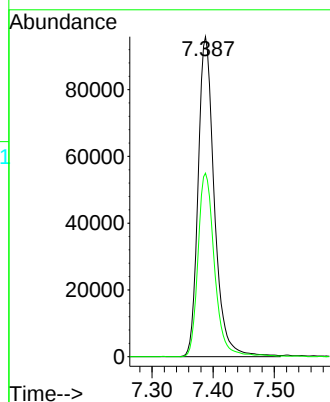
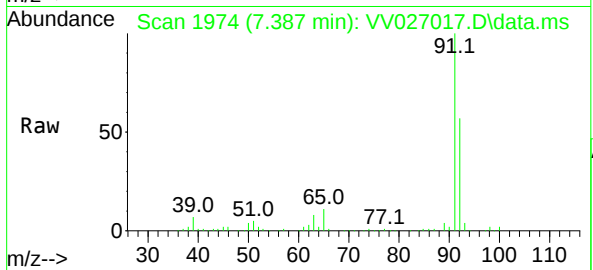




#42
Toluene
Concen: 11.070 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

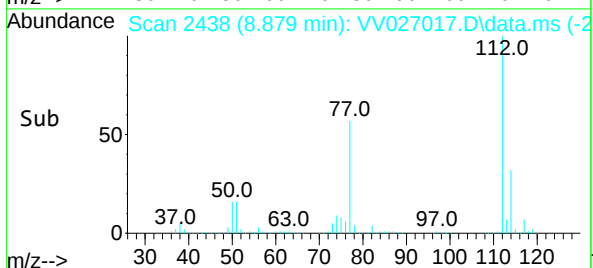
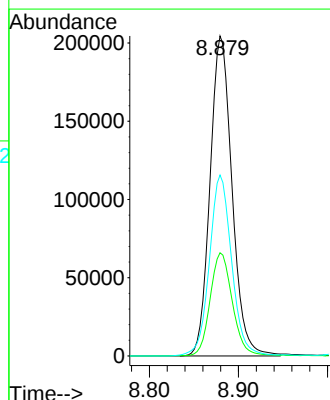
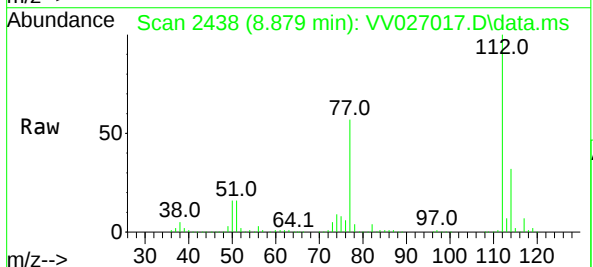
Instrument :
MSVOA_V
ClientSampleId :
DBUF0

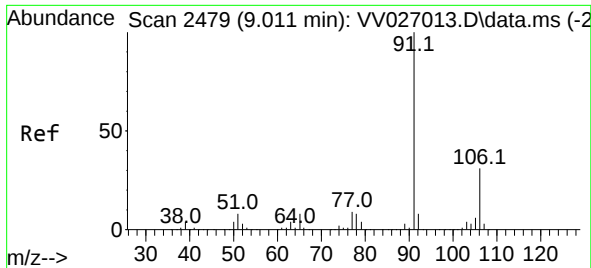
Tgt Ion: 91 Resp: 176519
Ion Ratio Lower Upper
91 100
92 57.3 40.5 75.1



#51
Chlorobenzene
Concen: 31.562 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion: 112 Resp: 350794
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 56.5 44.4 66.6

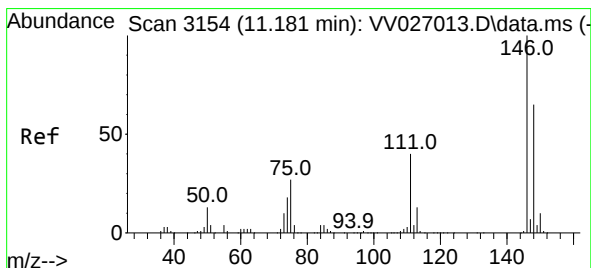
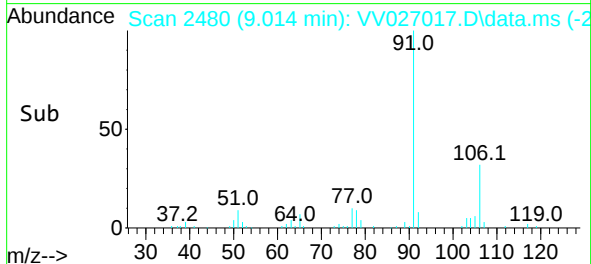
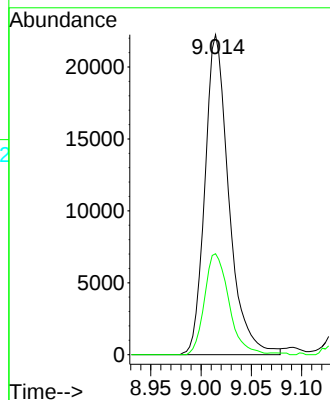
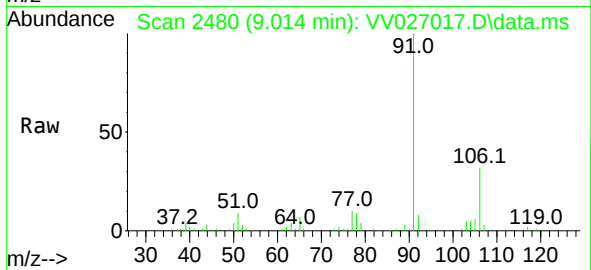




#52
Ethylbenzene
Concen: 2.227 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

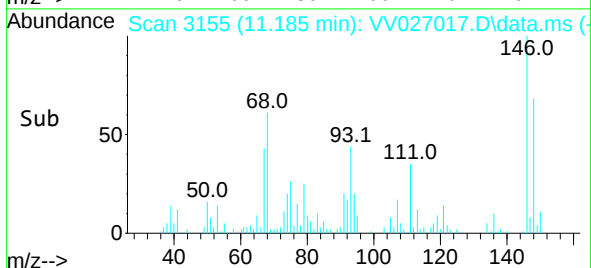
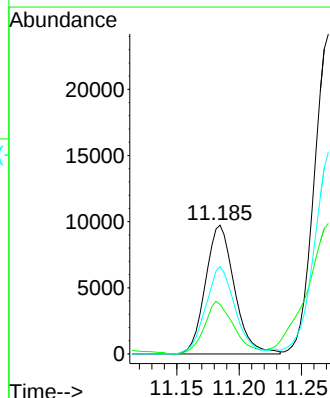
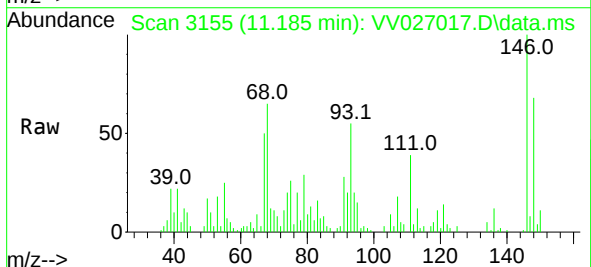
Instrument :
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ClientSampleId :
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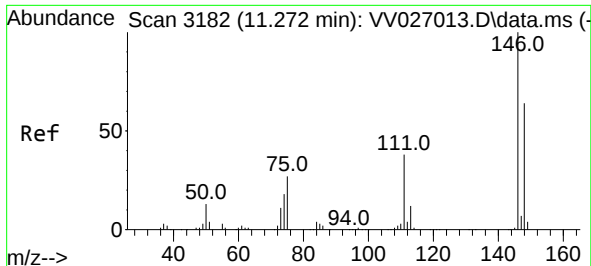
Tgt Ion: 91 Resp: 36852
Ion Ratio Lower Upper
91 100
106 31.6 22.0 40.8



#64
1,3-Dichlorobenzene
Concen: 1.870 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

Tgt Ion:146 Resp: 15728
Ion Ratio Lower Upper
146 100
111 38.6 27.9 51.9
148 67.9 44.2 82.2

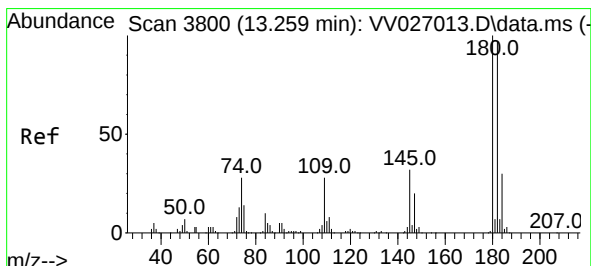
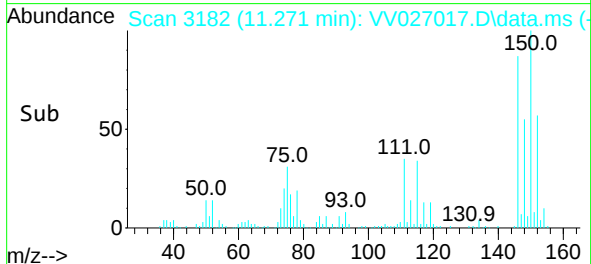
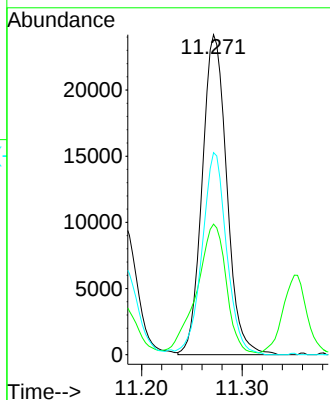
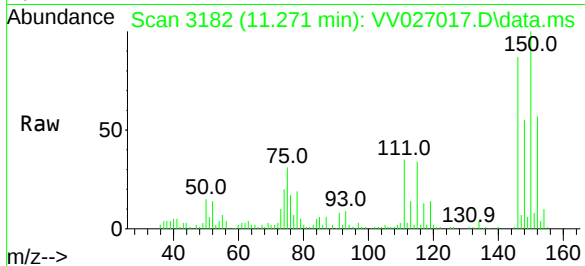




#65
1,4-Dichlorobenzene
Concen: 4.609 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

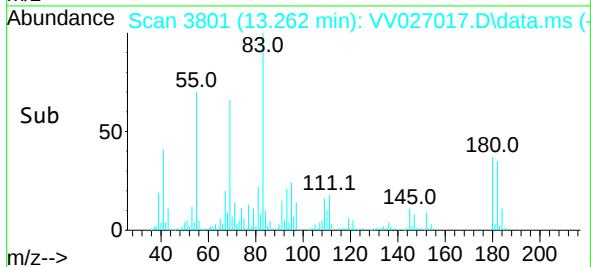
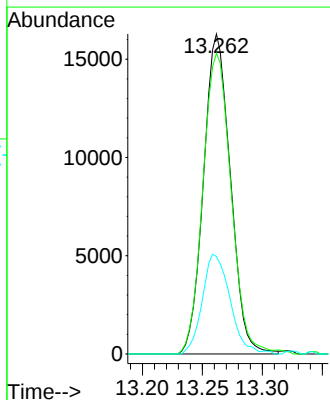
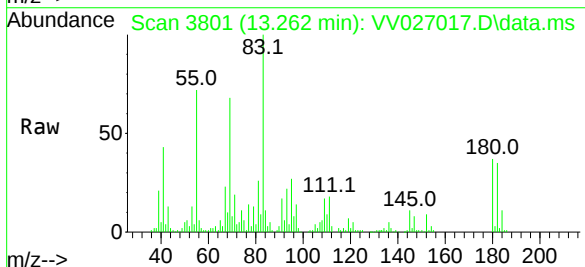
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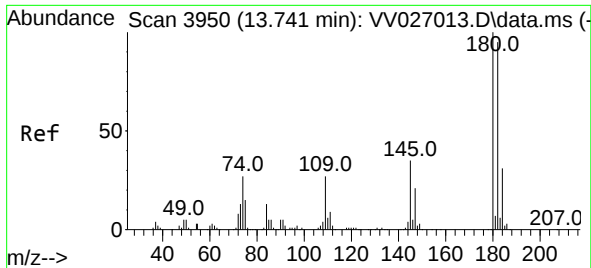
Tgt Ion:146 Resp: 41077
Ion Ratio Lower Upper
146 100
111 40.8 27.4 51.0
148 63.1 44.4 82.4



#70
1,2,4-trichlorobenzene
Concen: 5.056 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV027017.D
Acq: 27 Jul 2022 23:06

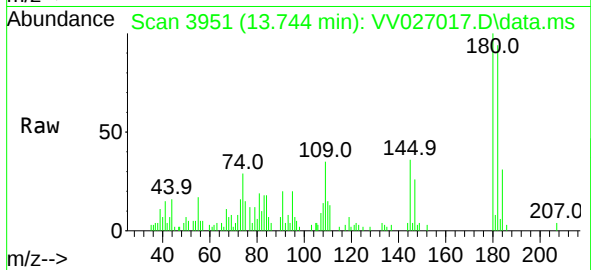
Tgt Ion:180 Resp: 25368
Ion Ratio Lower Upper
180 100
182 98.4 76.2 114.4
145 31.9 25.0 37.6





#72
 1,2,3-Trichlorobenzene
 Concen: 1.655 ug/L
 RT: 13.744 min Scan# 3950
 Delta R.T. 0.003 min
 Lab File: VV027017.D
 Acq: 27 Jul 2022 23:06

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF0



Tgt Ion:	180	Resp:	8660
Ion	Ratio	Lower	Upper
180	100		
182	96.6	75.4	113.2
145	29.8	26.6	40.0

