

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111924\
 Data File : VV038191.D
 Acq On : 19 Nov 2024 20:59
 Operator : SY/MD
 Sample : P4882-18
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J5

Quant Time: Nov 20 00:41:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 22:47:22 2024
 Response via : Initial Calibration

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

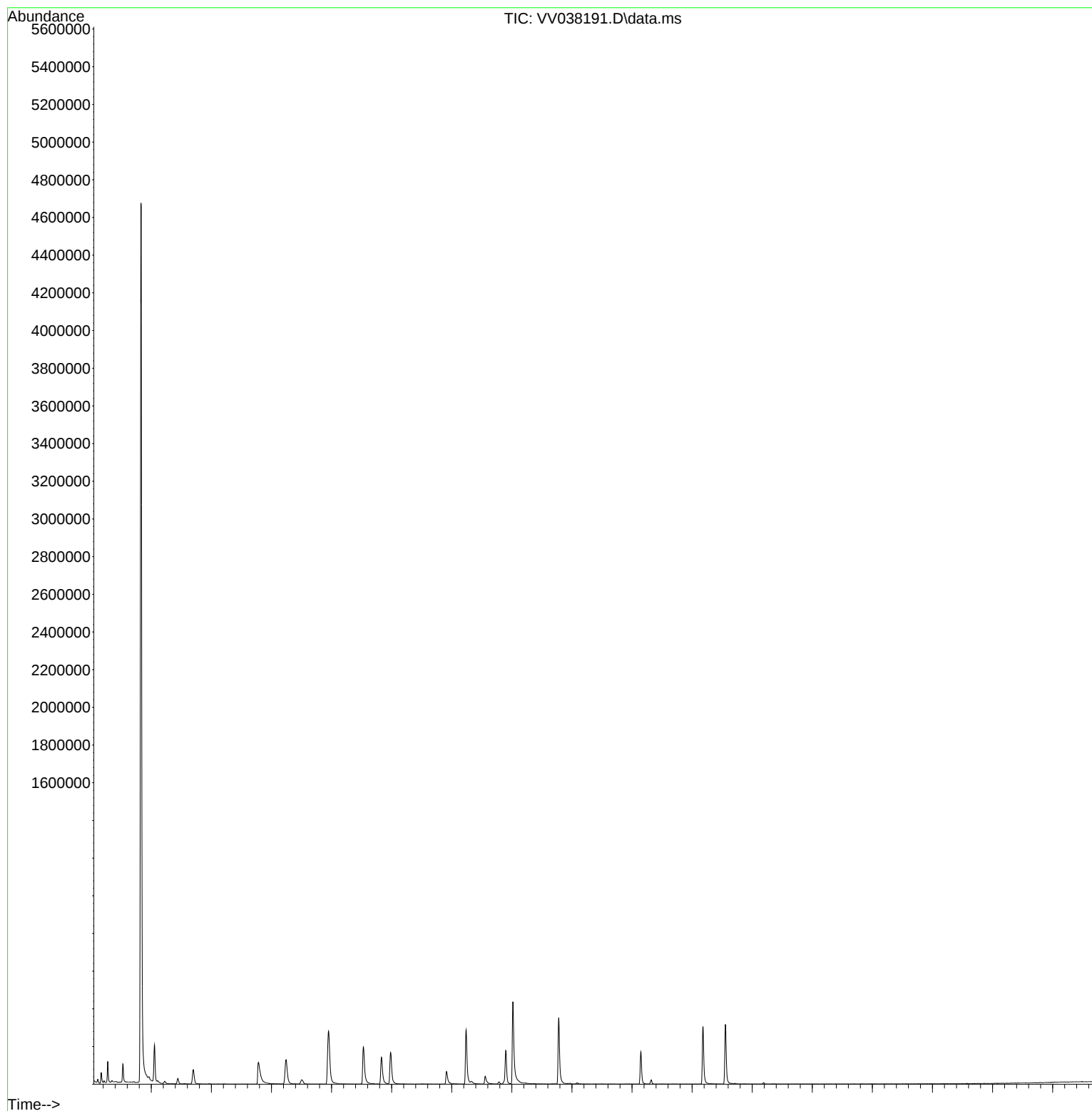
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	193387	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	211891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	88423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	69983	4.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.529	69	62992	5.254	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.053	65	31785	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.600%
20) 2-Butanone-d5	3.783	46	181826	61.319	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.640%
24) Chloroform-d	4.243	84	147847	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	4.937	65	77892	6.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
32) Benzene-d6	4.953	84	267354	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	5.982	67	91162	5.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.240	98	211365	4.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	7.558	79	31472	5.023	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.018	63	166830	68.501	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.000%#
56) 1,1,2,2-Tetrachloroeth...	10.146	84	88058	6.155	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.200%#
66) 1,2-Dichlorobenzene-d4	11.554	152	91236	6.056	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	121.200%#
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.105	85	3139	0.172	ug/L	95
3) Chloromethane	1.214	50	6503	0.413	ug/L	90
16) Methylene chloride	2.439	84	12788	0.812	ug/L	92
17) Methyl tert-butyl Ether	2.700	73	74377	2.382	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	5219	0.347	ug/L	93
29) 1,1,1-Trichloroethane	4.503	97	20803	0.819	ug/L	97
34) Trichloroethene	5.831	95	55665	3.431	ug/L	98
42) Toluene	7.326	91	11721	0.186	ug/L	85
47) Tetrachloroethene	7.899	164	41421	3.177	ug/L	98
51) Chlorobenzene	8.818	112	6300	0.145	ug/L	89

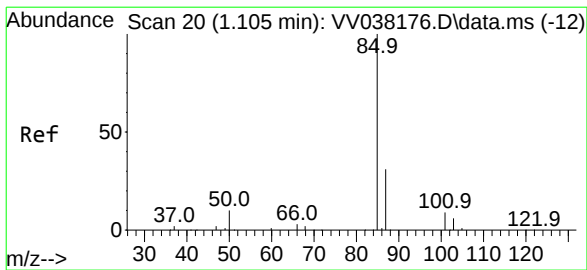
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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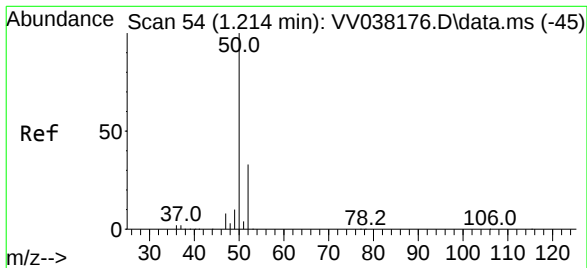
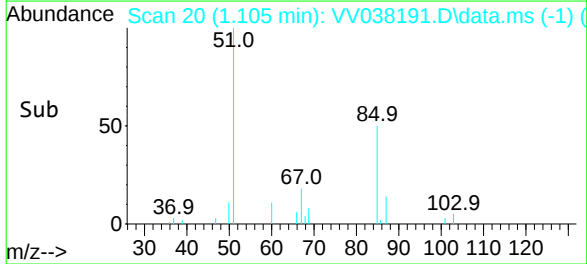
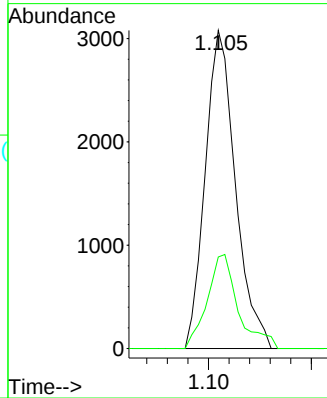
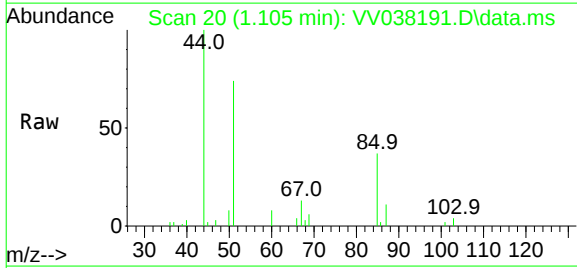




#2
 Dichlorodifluoromethane
 Concen: 0.172 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

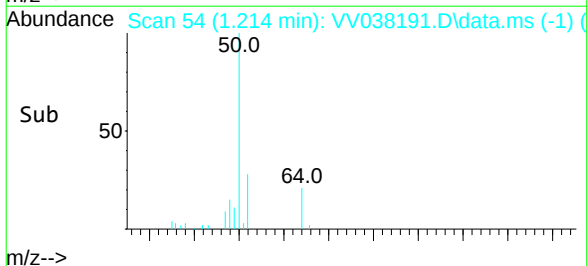
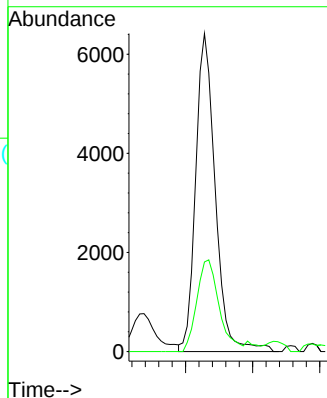
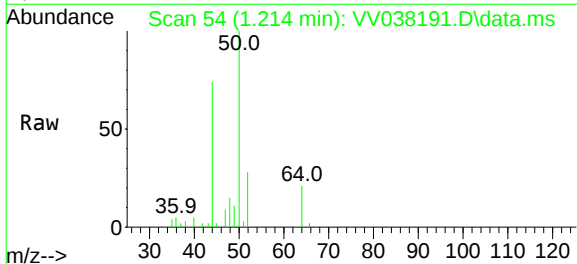
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3J5

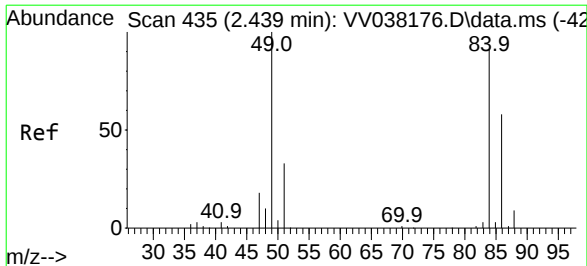
Tgt Ion: 85 Resp: 3139
 Ion Ratio Lower Upper
 85 100
 87 30.4 26.5 39.7



#3
 Chloromethane
 Concen: 0.413 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

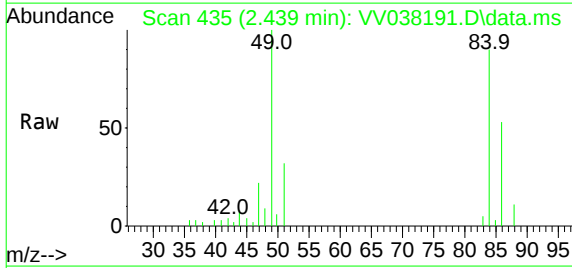
Tgt Ion: 50 Resp: 6503
 Ion Ratio Lower Upper
 50 100
 52 28.2 23.5 43.7



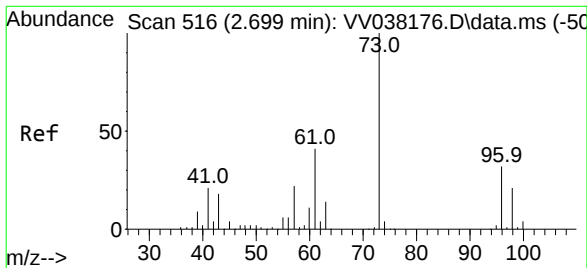
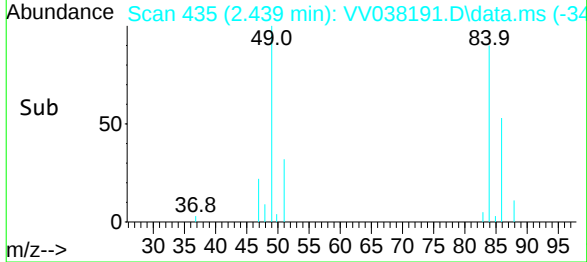
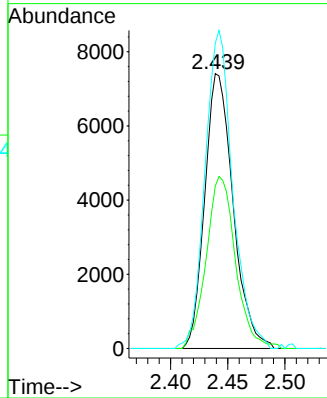


#16
Methylene chloride
Concen: 0.812 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Instrument :
MSVOA_V
ClientSampleId :
BG3J5

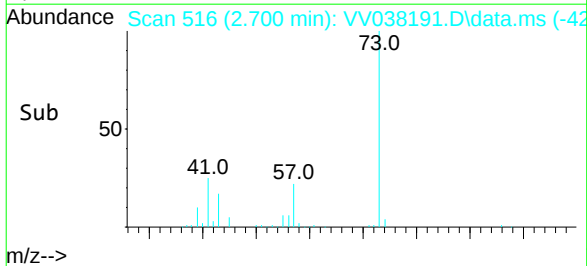
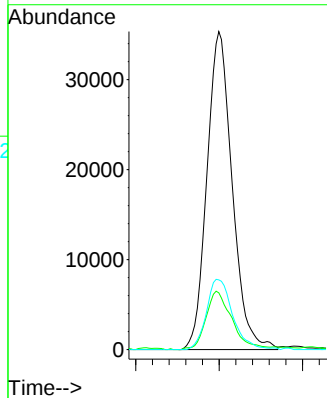
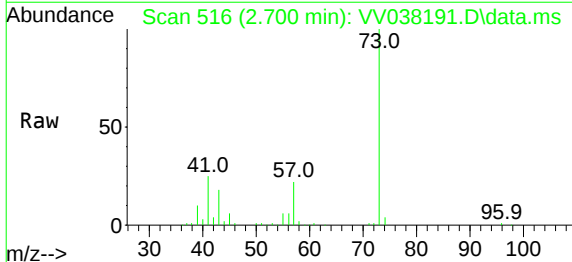


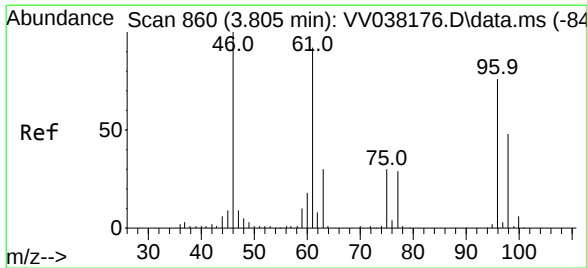
Tgt Ion: 84 Resp: 12788
Ion Ratio Lower Upper
84 100
86 59.1 44.2 82.2
49 117.3 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 2.382 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion: 73 Resp: 74377
Ion Ratio Lower Upper
73 100
43 18.9 14.2 21.2
57 22.9 17.6 26.4

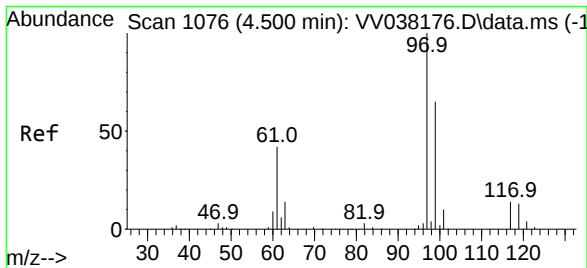
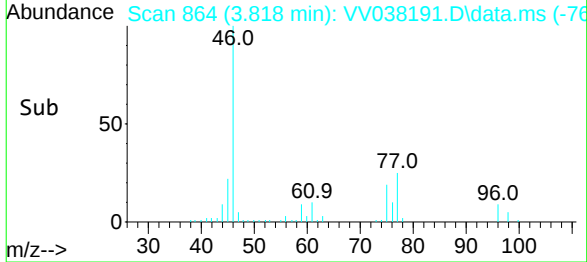
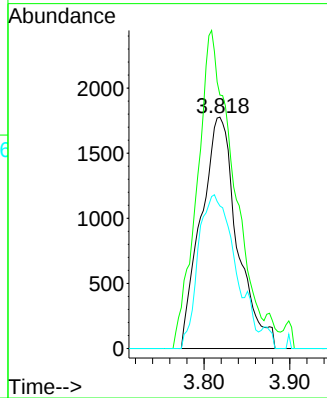
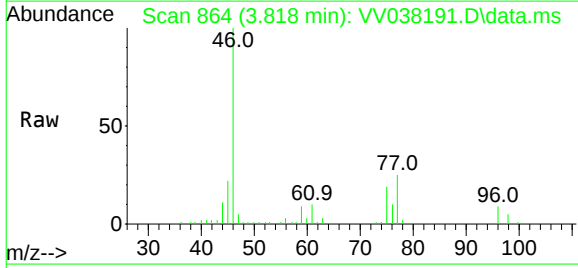




#22
 cis-1,2-Dichloroethene
 Concen: 0.347 ug/L
 RT: 3.818 min Scan# 860
 Delta R.T. 0.013 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

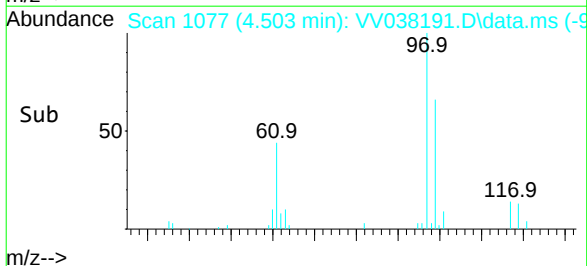
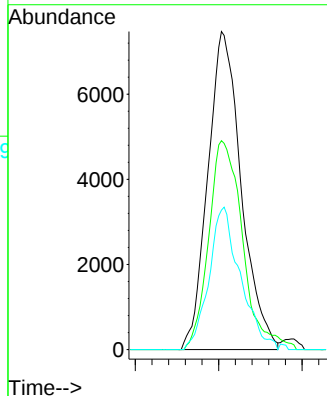
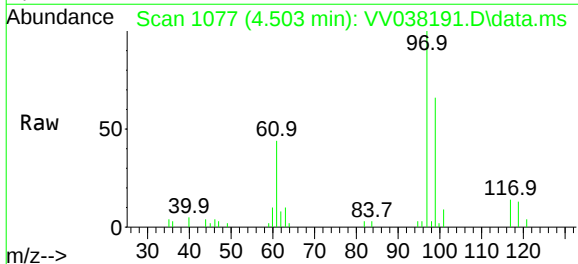
Instrument :
 MSVOA_V
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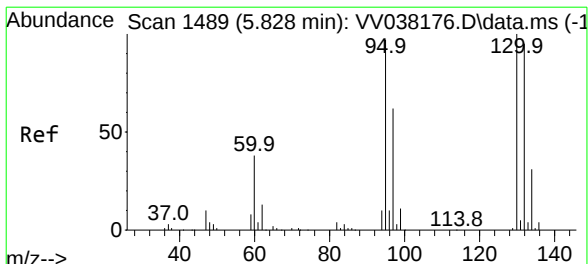
Tgt Ion: 96	Resp: 5219
Ion Ratio	Lower Upper
96 100	
61 109.6	82.7 153.5
98 61.6	46.3 85.9



#29
 1,1,1-Trichloroethane
 Concen: 0.819 ug/L
 RT: 4.503 min Scan# 1077
 Delta R.T. 0.003 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

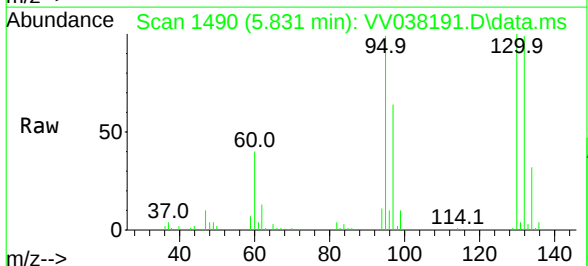
Tgt Ion: 97	Resp: 20803
Ion Ratio	Lower Upper
97 100	
99 66.6	51.8 77.8
61 42.0	32.2 48.2



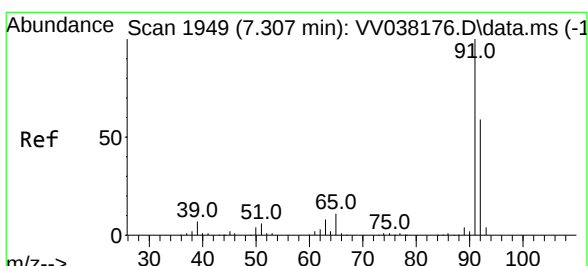
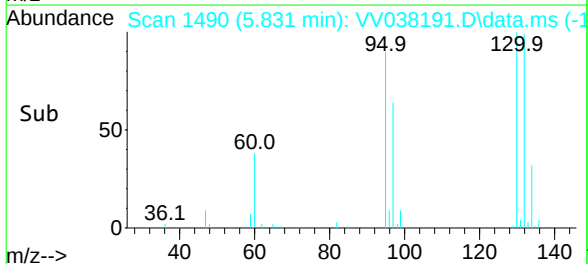
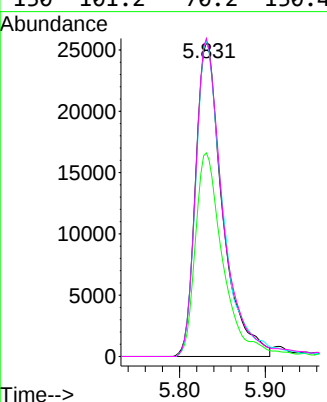


#34
 Trichloroethene
 Concen: 3.431 ug/L
 RT: 5.831 min Scan# 14
 Delta R.T. 0.003 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

Instrument : MSVOA_V
 ClientSampleId : BG3J5

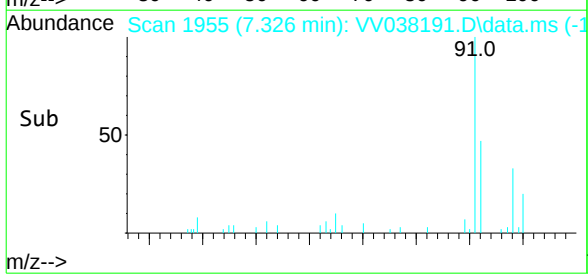
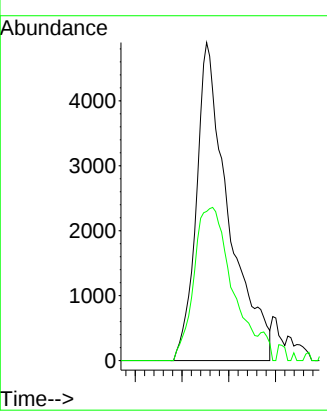
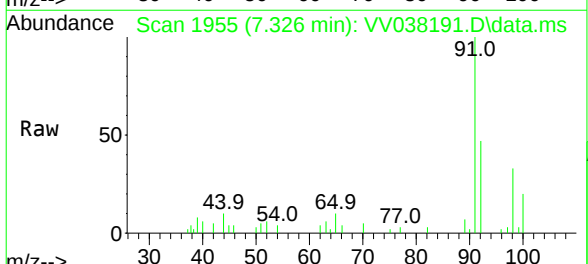


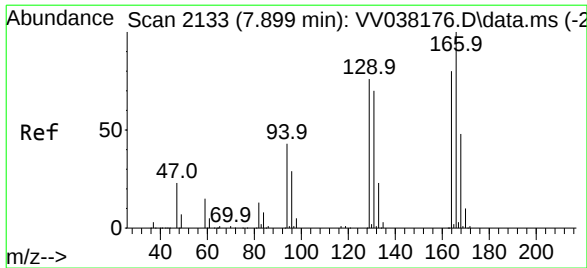
Tgt Ion:	95	Resp:	55665
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.8	83.2
132	100.5	68.3	126.8
130	101.2	70.2	130.4



#42
 Toluene
 Concen: 0.186 ug/L
 RT: 7.326 min Scan# 1955
 Delta R.T. 0.019 min
 Lab File: VV038191.D
 Acq: 19 Nov 2024 20:59

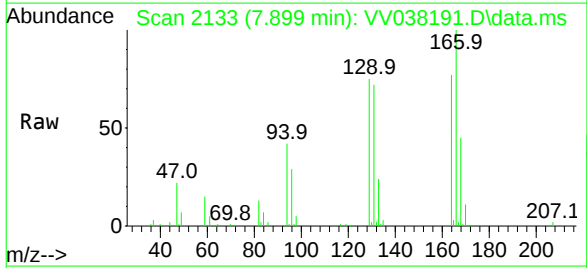
Tgt Ion:	91	Resp:	11721
Ion	Ratio	Lower	Upper
91	100		
92	46.9	40.8	75.8



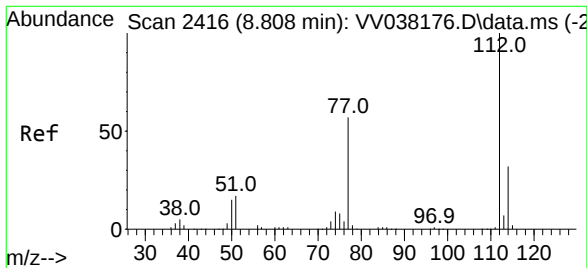
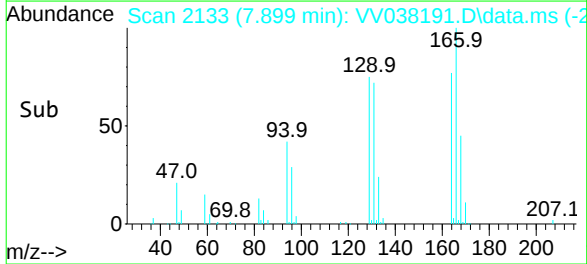
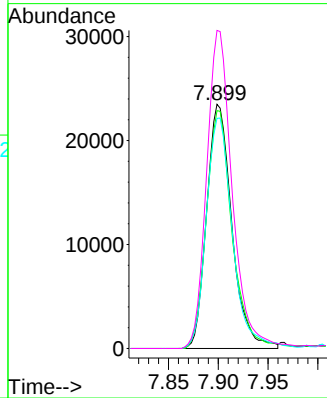


#47
Tetrachloroethene
Concen: 3.177 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Instrument :
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ClientSampleId :
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Tgt Ion:	164	Resp:	41421
Ion	Ratio	Lower	Upper
164	100		
129	97.4	68.5	127.1
131	94.2	64.8	120.4
166	130.2	88.3	163.9



#51
Chlorobenzene
Concen: 0.145 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.010 min
Lab File: VV038191.D
Acq: 19 Nov 2024 20:59

Tgt Ion:	112	Resp:	6300
Ion	Ratio	Lower	Upper
112	100		
114	35.4	22.0	40.8
77	66.0	45.0	67.4

