

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028140.D
 Acq On : 27 Sep 2022 15:29
 Operator : SY/MD
 Sample : N4856-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H11

Quant Time: Sep 28 03:11:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 28 03:08:11 2022
 Response via : Initial Calibration

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

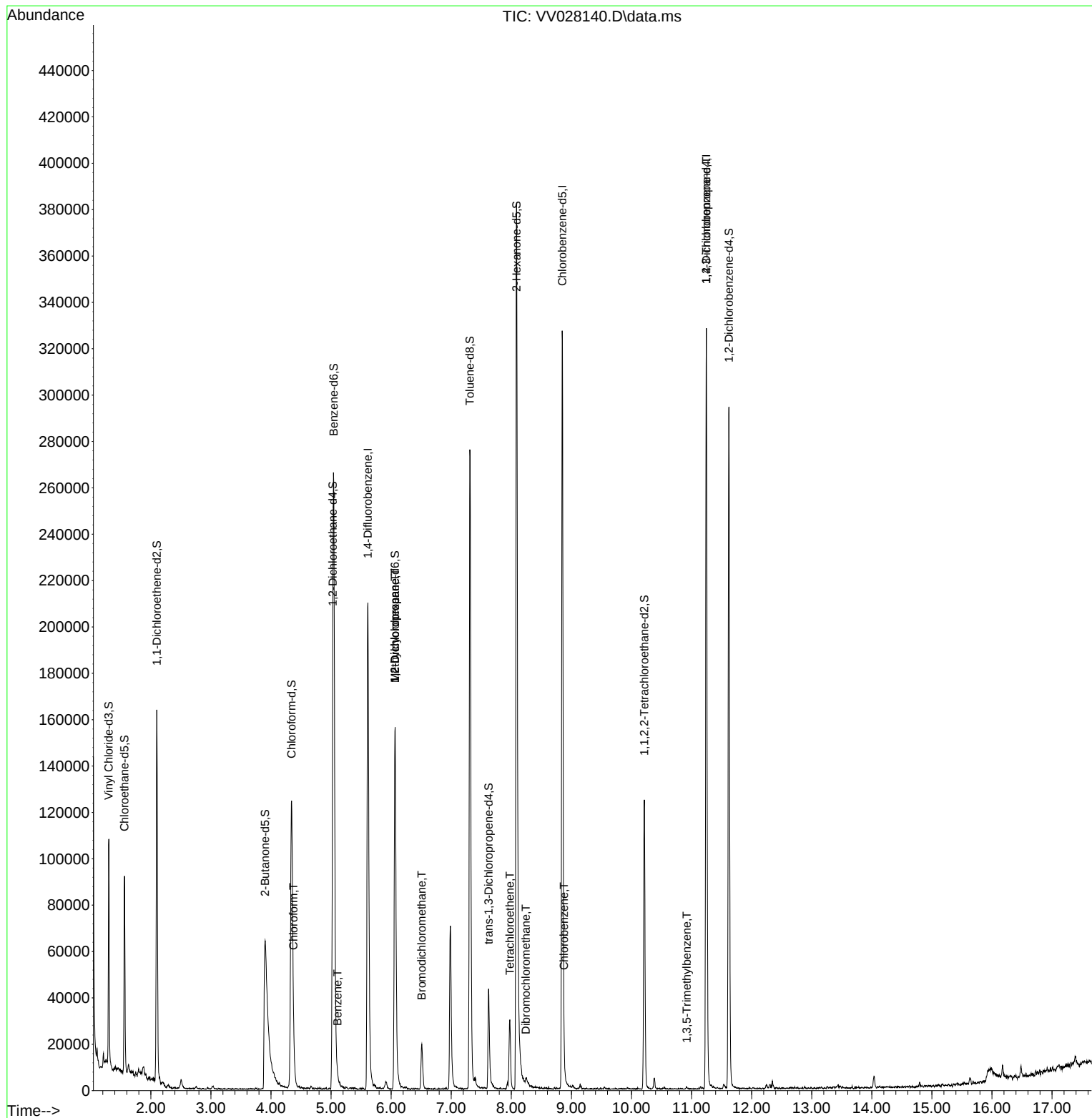
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	188859	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	186685	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	92247	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	60018	3.065	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.400%
7) Chloroethane-d5	1.561	69	56120	3.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.200%
11) 1,1-Dichloroethene-d2	2.098	63	81707	2.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.200%#
20) 2-Butanone-d5	3.902	46	174050	52.654	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.300%
24) Chloroform-d	4.339	84	131403	4.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.027	65	65953	4.436	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
32) Benzene-d6	5.043	84	245405	4.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.066	67	79530	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.310	98	192115	3.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.622	79	26958	3.911	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.088	63	148624	51.659	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62771	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	79437	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						Qvalue
25) Chloroform	4.371	83	13116	0.490	ug/L	98
33) Benzene	5.104	78	2537	0.049	ug/L	100
35) Methylcyclohexane	6.066	83	19904	1.125	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8446	0.581	ug/L #	89
38) Bromodichloromethane	6.510	83	13895	0.774	ug/L #	95
47) Tetrachloroethene	7.976	164	7603	0.738	ug/L	94
49) Dibromochloromethane	8.243	129	1116	0.095	ug/L	86
51) Chlorobenzene	8.876	112	1180	0.033	ug/L	97
61) 1,2,3-Trichloropropane	11.246	75	9688	1.252	ug/L #	67
62) 1,3,5-Trimethylbenzene	10.918	105	598	0.039	ug/L	92

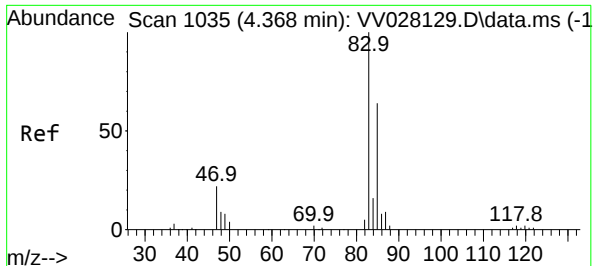
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 0.490 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV028140.D

Acq: 27 Sep 2022 15:29

Instrument :

MSVOA_V

ClientSampleId :

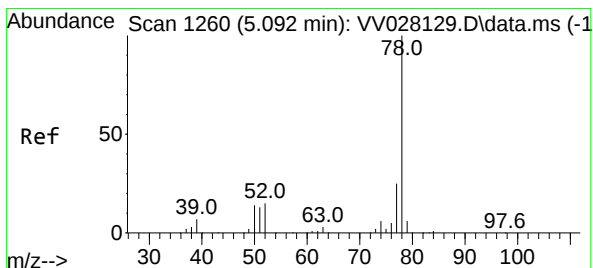
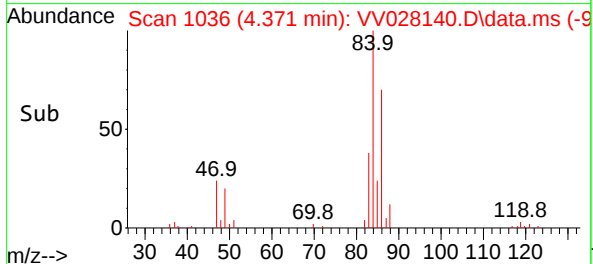
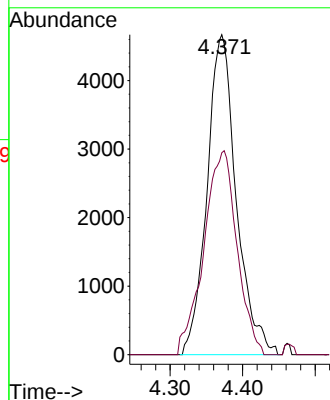
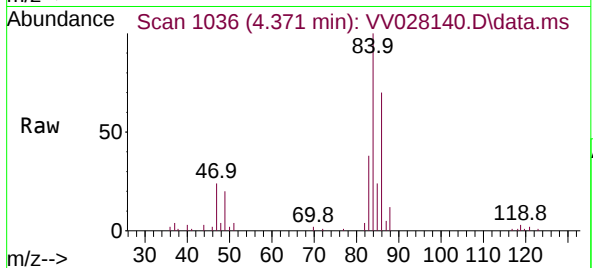
F5H11

Tgt Ion: 83 Resp: 13116

Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.7



#33

Benzene

Concen: 0.049 ug/L

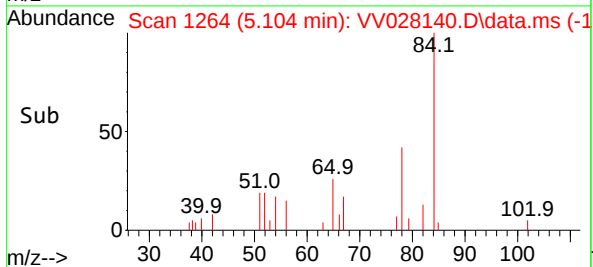
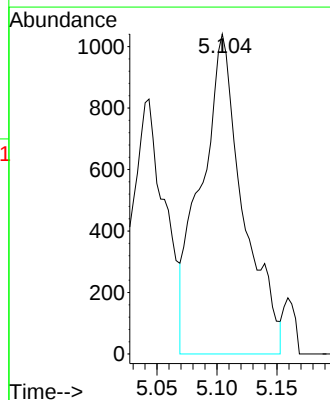
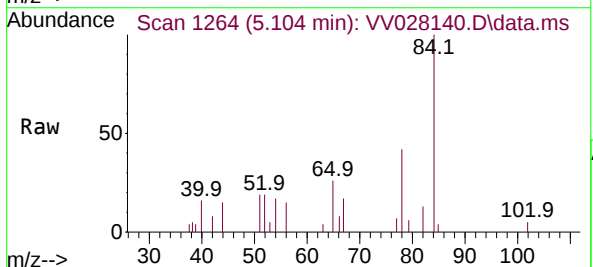
RT: 5.104 min Scan# 1264

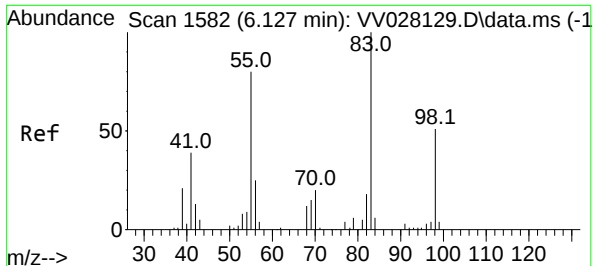
Delta R.T. 0.013 min

Lab File: VV028140.D

Acq: 27 Sep 2022 15:29

Tgt Ion: 78 Resp: 2537

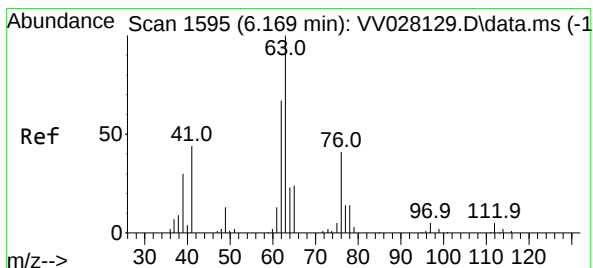
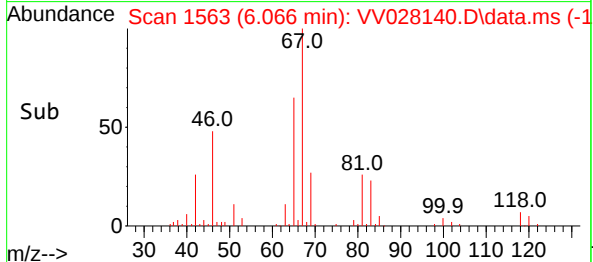
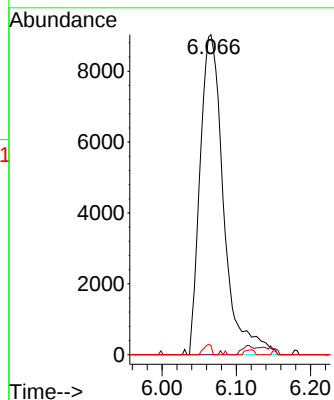
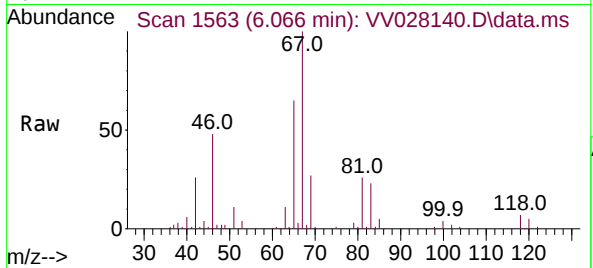




#35
Methylcyclohexane
Concen: 1.125 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV028140.D
Acq: 27 Sep 2022 15:29

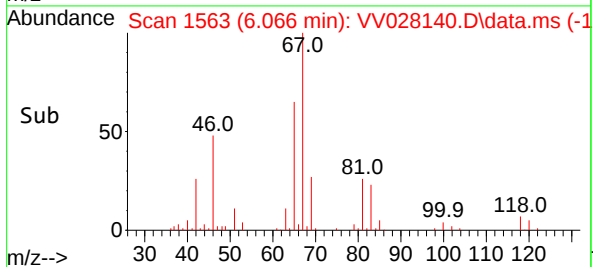
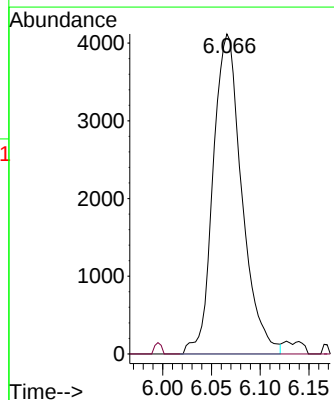
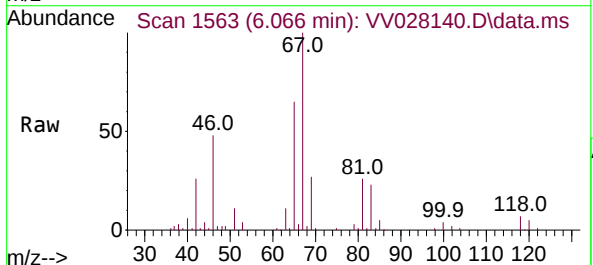
Instrument :
MSVOA_V
ClientSampleId :
F5H11

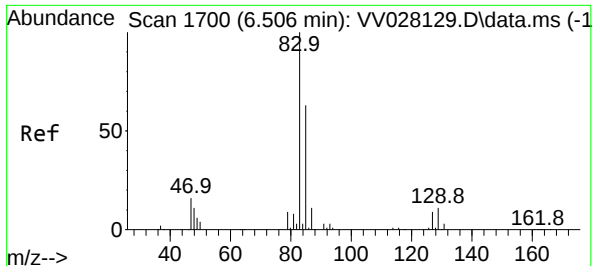
Tgt Ion: 83 Resp: 19904
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 1.1 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028140.D
Acq: 27 Sep 2022 15:29

Tgt Ion: 63 Resp: 8446
Ion Ratio Lower Upper
63 100
112 0.8 3.5 5.3#

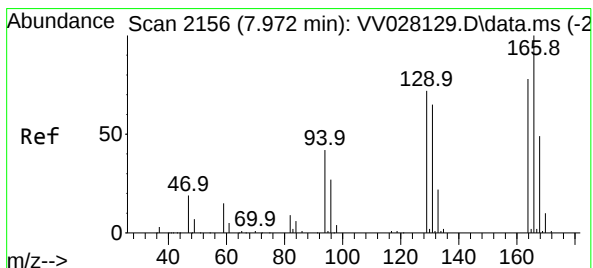
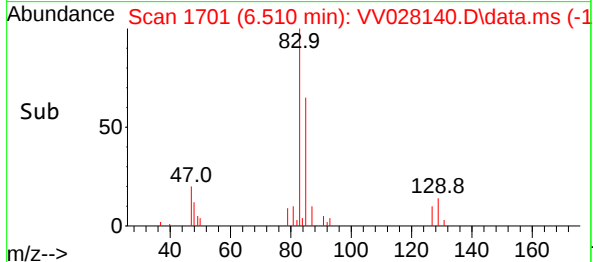
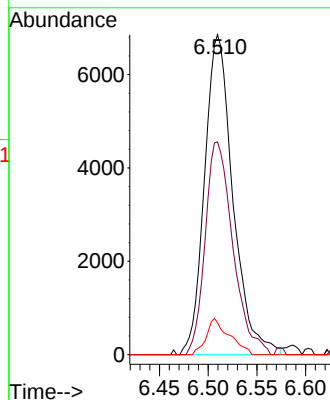
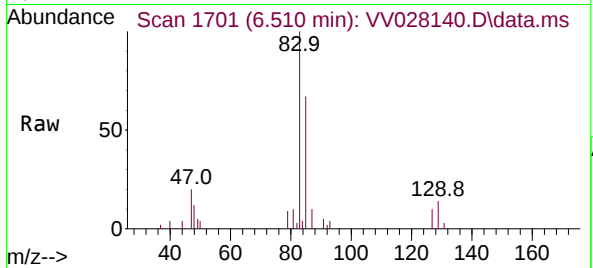




#38
Bromodichloromethane
Concen: 0.774 ug/L
RT: 6.510 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028140.D
Acq: 27 Sep 2022 15:29

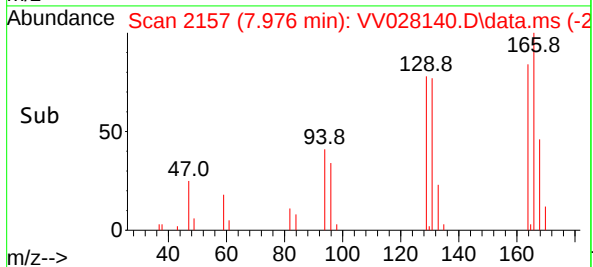
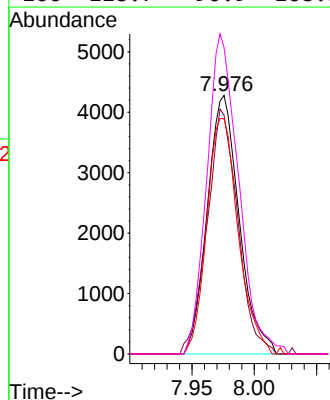
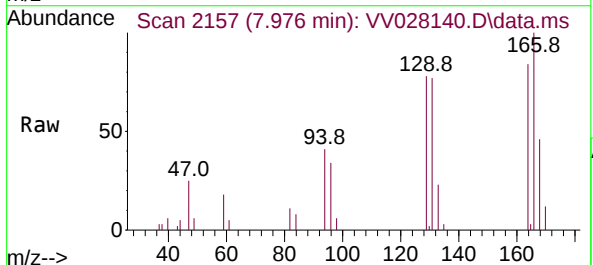
Instrument :
MSVOA_V
ClientSampleId :
F5H11

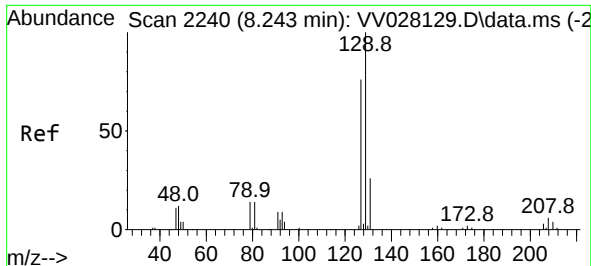
Tgt Ion: 83 Resp: 13895
Ion Ratio Lower Upper
83 100
85 66.5 43.8 81.4
127 10.0 6.3 9.5#



#47
Tetrachloroethene
Concen: 0.738 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV028140.D
Acq: 27 Sep 2022 15:29

Tgt Ion: 164 Resp: 7603
Ion Ratio Lower Upper
164 100
129 92.4 66.7 123.9
131 91.0 61.7 114.5
166 118.7 90.9 168.9





#49

Dibromochloromethane

Concen: 0.095 ug/L

RT: 8.243 min Scan# 2116

Delta R.T. 0.000 min

Lab File: VV028140.D

Acq: 27 Sep 2022 15:29

Instrument :

MSVOA_V

ClientSampleId :

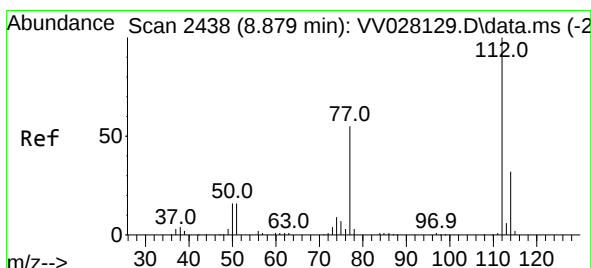
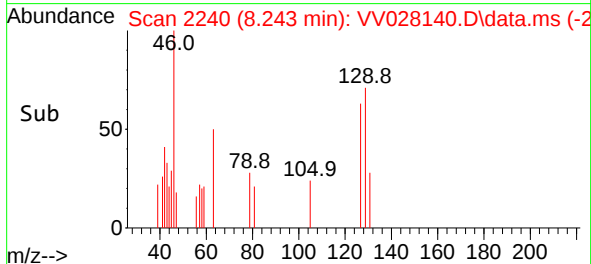
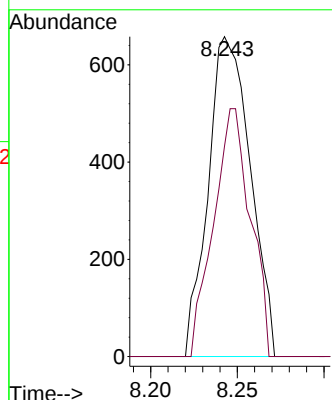
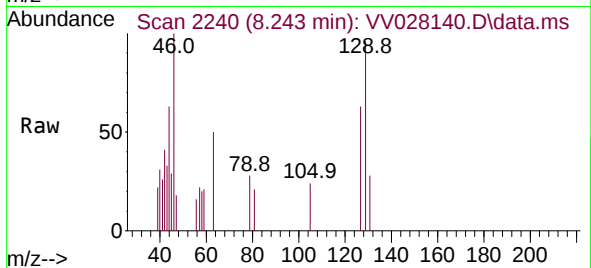
F5H11

Tgt Ion:129 Resp: 1116

Ion Ratio Lower Upper

129 100

127 65.8 54.3 100.9



#51

Chlorobenzene

Concen: 0.033 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028140.D

Acq: 27 Sep 2022 15:29

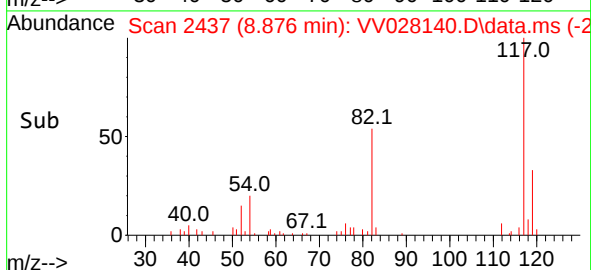
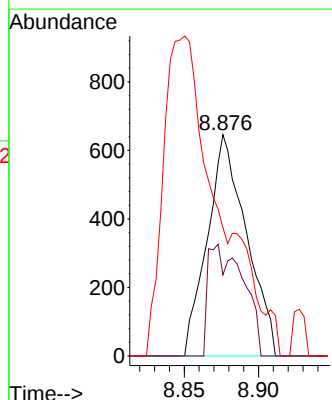
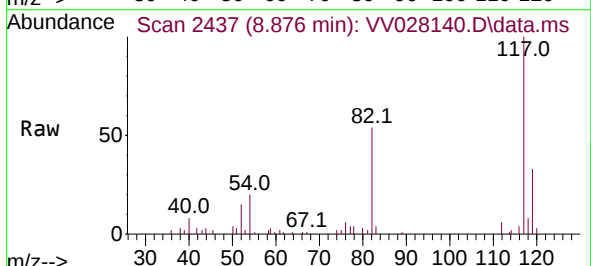
Tgt Ion:112 Resp: 1180

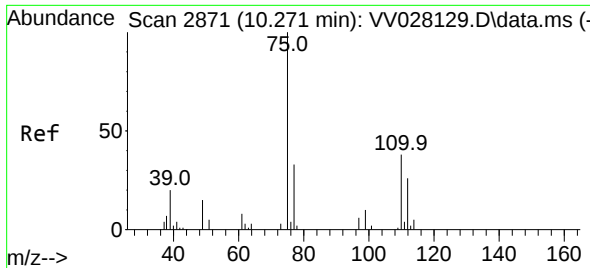
Ion Ratio Lower Upper

112 100

114 36.7 22.5 41.7

77 58.0 46.1 69.1

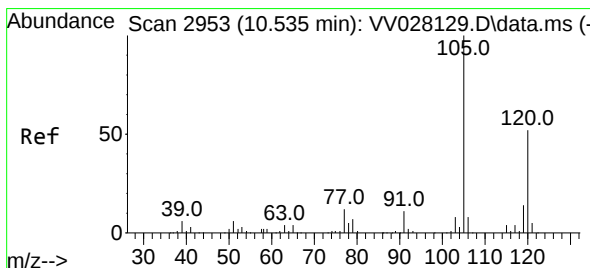
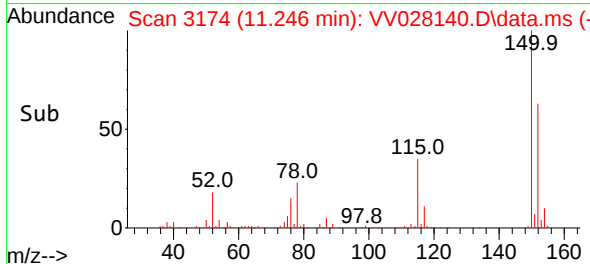
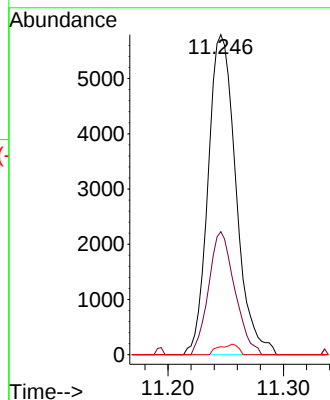
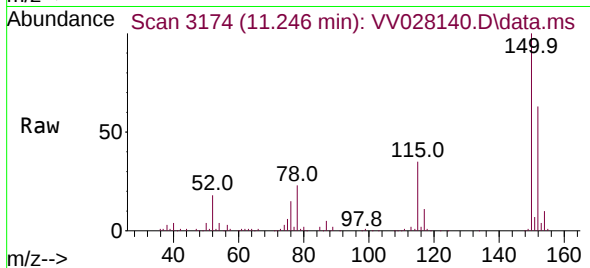




#61
1,2,3-Trichloropropane
Concen: 1.252 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV028140.D
Acq: 27 Sep 2022 15:29

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MSVOA_V
ClientSampleId :
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Tgt Ion: 75 Resp: 9688
Ion Ratio Lower Upper
75 100
77 36.1 26.7 40.1
110 2.3 30.1 45.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.039 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.383 min
Lab File: VV028140.D
Acq: 27 Sep 2022 15:29

Tgt Ion: 105 Resp: 598
Ion Ratio Lower Upper
105 100
120 45.0 40.6 61.0

