

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028145.D
 Acq On : 27 Sep 2022 17:29
 Operator : SY/MD
 Sample : N4856-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H33

Quant Time: Sep 28 03:12:57 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)

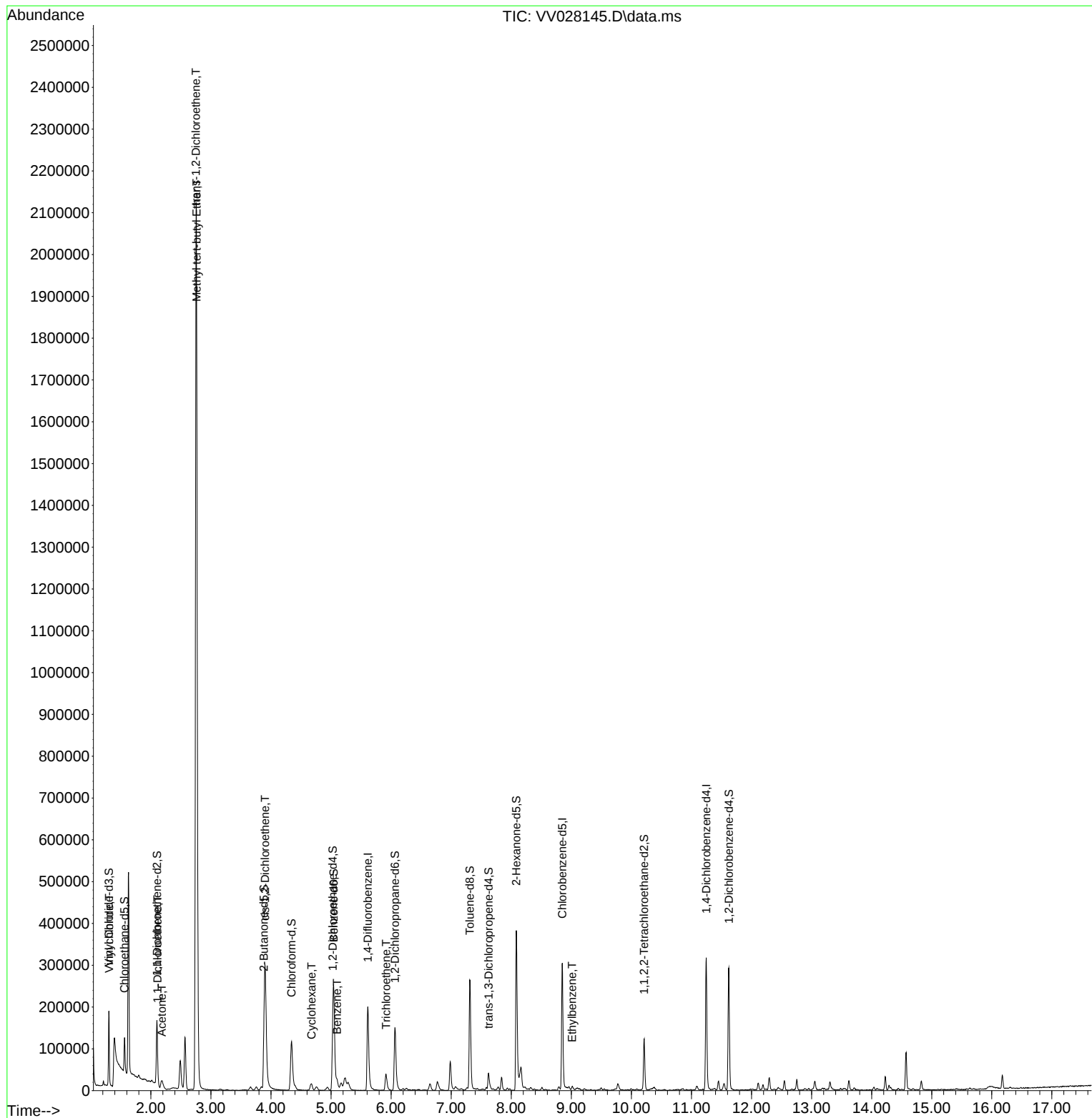
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	179283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	175214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87953	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57468	3.092	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.561	69	54139	3.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.102	63	78431	2.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.600%#
20) 2-Butanone-d5	3.883	46	172292	54.907	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.820%
24) Chloroform-d	4.343	84	126174	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.027	65	61883	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.044	84	231558	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.063	67	77876	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.310	98	183057	3.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	7.622	79	23593	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.085	63	138459	51.277	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58969	4.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	80005	4.638	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	4393	0.316	ug/L #	54
12) 1,1-Dichloroethene	2.111	96	4688	0.378	ug/L #	1
13) Acetone	2.182	43	38788	16.048	ug/L	98
17) Methyl tert-butyl Ether	2.764	73	1066112	40.000	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	490156	45.193	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	136568	9.596	ug/L	99
30) Cyclohexane	4.674	56	8268	0.531	ug/L	90
33) Benzene	5.098	78	27108	0.557	ug/L	100
34) Trichloroethene	5.915	95	13554	1.119	ug/L	99
52) Ethylbenzene	9.011	91	6319	0.118	ug/L	93

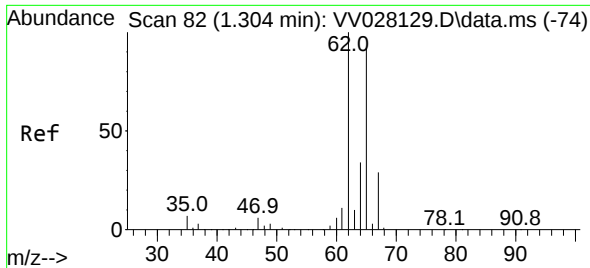
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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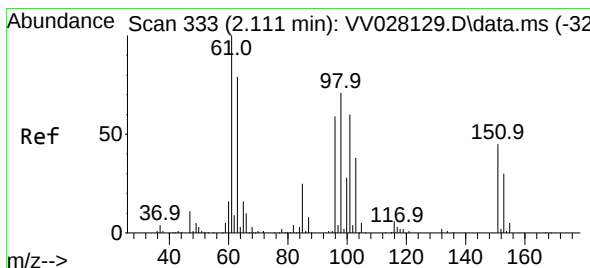
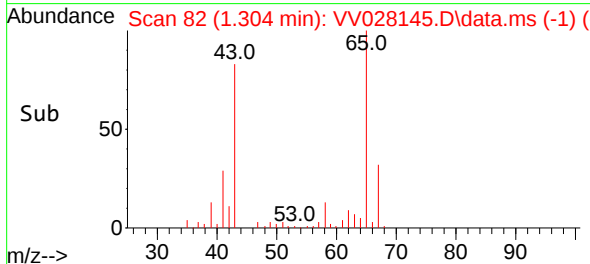
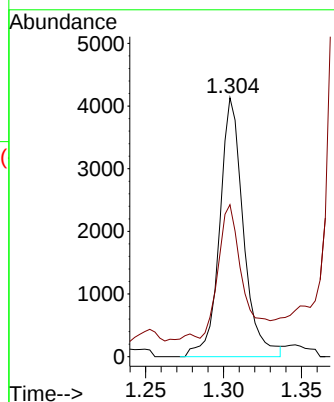
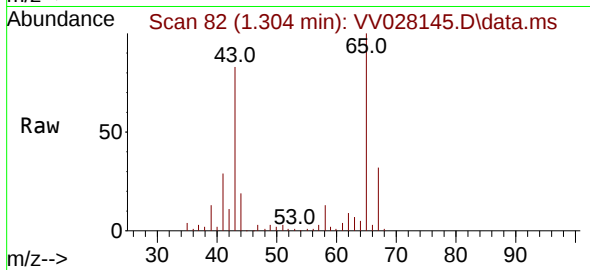




#5
 Vinyl chloride
 Concen: 0.316 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028145.D
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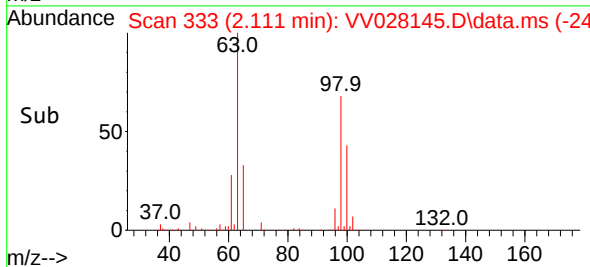
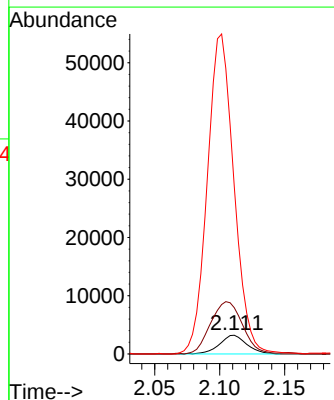
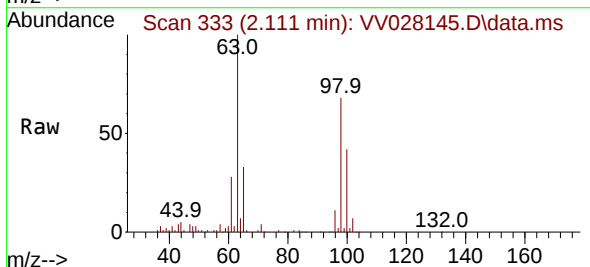
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H33

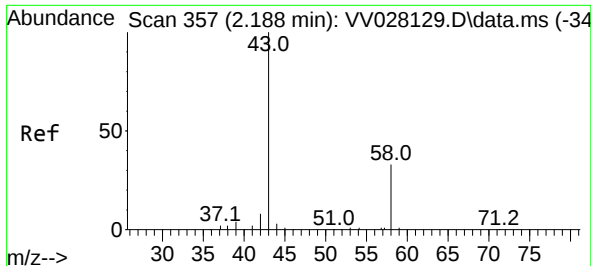
Tgt Ion: 62 Resp: 4393
 Ion Ratio Lower Upper
 62 100
 64 58.8 23.0 42.8#



#12
 1,1-Dichloroethene
 Concen: 0.378 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV028145.D
 Acq: 27 Sep 2022 17:29

Tgt Ion: 96 Resp: 4688
 Ion Ratio Lower Upper
 96 100
 61 246.0 128.3 238.3#
 63 889.7 112.7 209.3#

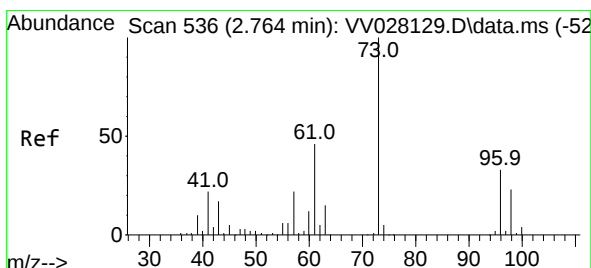
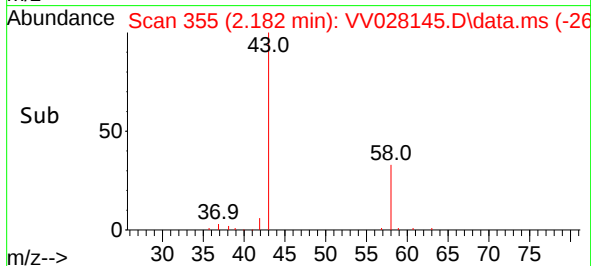
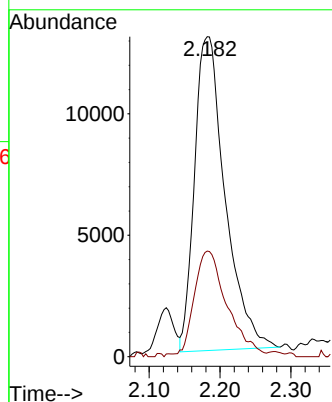
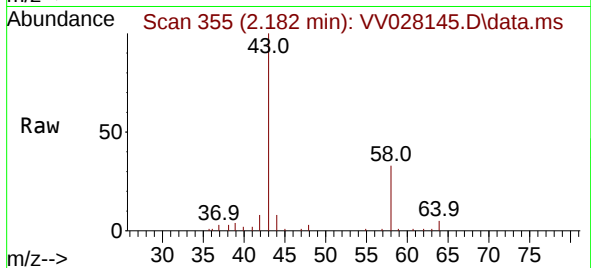




#13
Acetone
Concen: 16.048 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028145.D
Acq: 27 Sep 2022 17:29

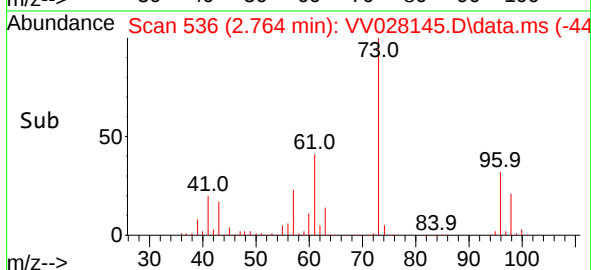
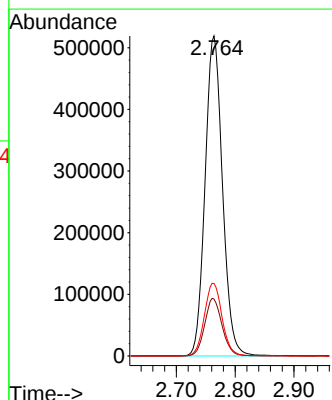
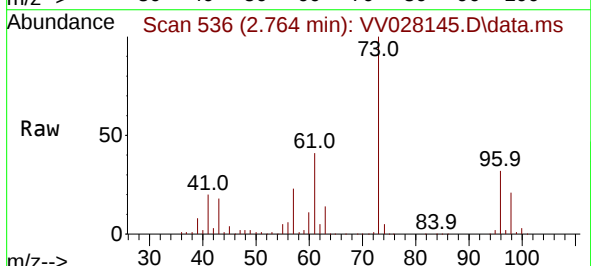
Instrument :
MSVOA_V
ClientSampleId :
F5H33

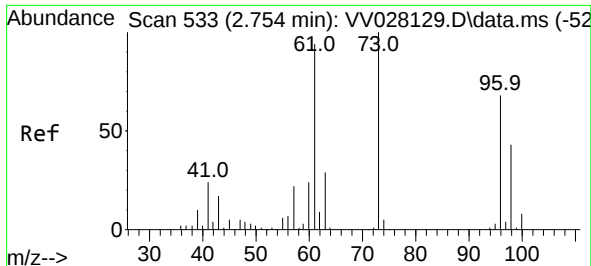
Tgt Ion: 43 Resp: 38788
Ion Ratio Lower Upper
43 100
58 33.9 0.0 65.6



#17
Methyl tert-butyl Ether
Concen: 40.000 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028145.D
Acq: 27 Sep 2022 17:29

Tgt Ion: 73 Resp: 1066112
Ion Ratio Lower Upper
73 100
43 17.8 15.7 23.5
57 23.2 17.8 26.8

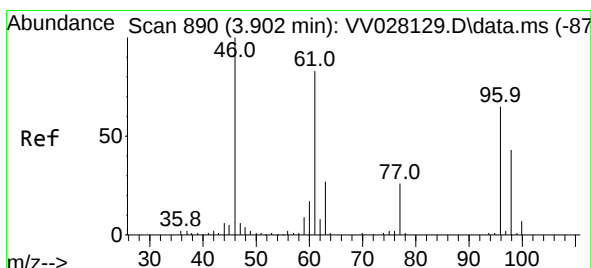
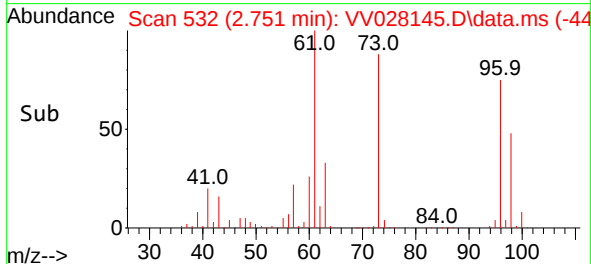
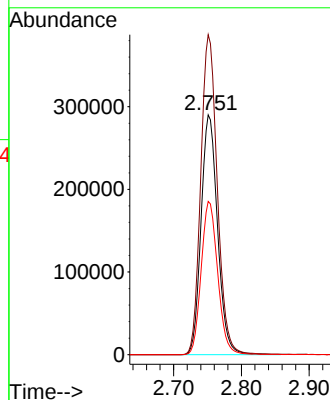
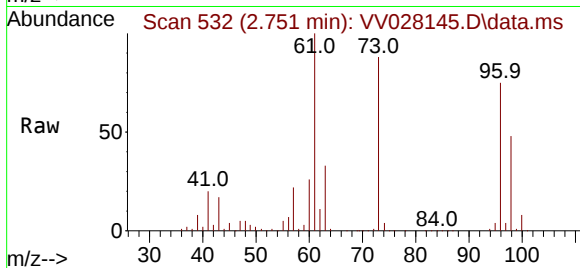




#18
trans-1,2-Dichloroethene
Concen: 45.193 ug/L
RT: 2.751 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028145.D
Acq: 27 Sep 2022 17:29

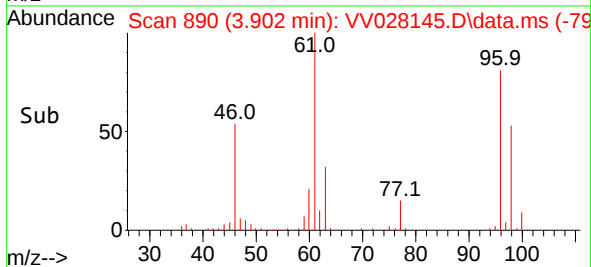
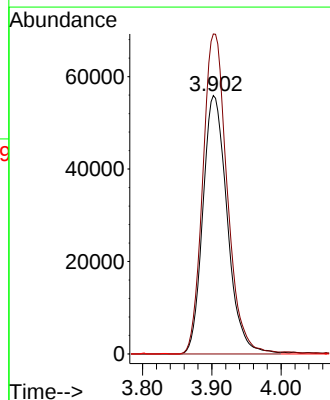
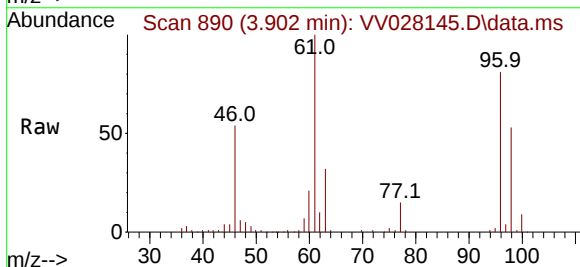
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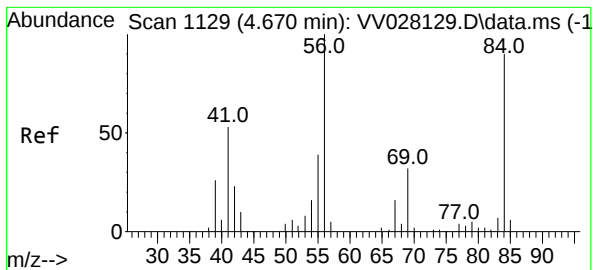
Tgt Ion: 96 Resp: 490156
Ion Ratio Lower Upper
96 100
61 133.4 96.2 178.6
98 63.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 9.596 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV028145.D
Acq: 27 Sep 2022 17:29

Tgt Ion: 96 Resp: 136568
Ion Ratio Lower Upper
96 100
61 123.8 87.2 161.9
68 0.0 0.0 0.0

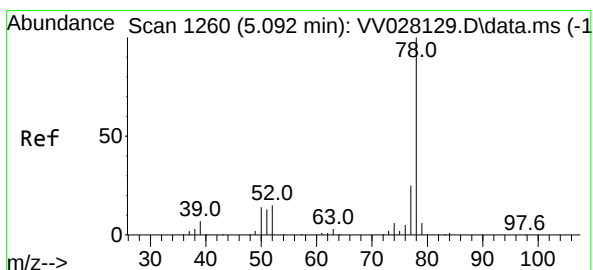
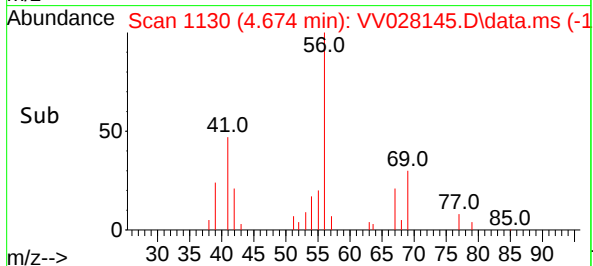
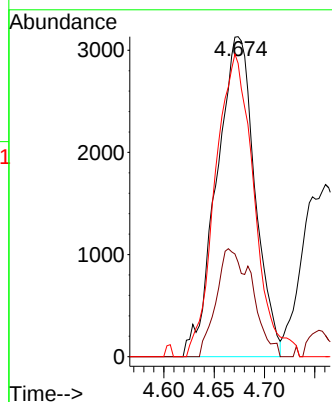
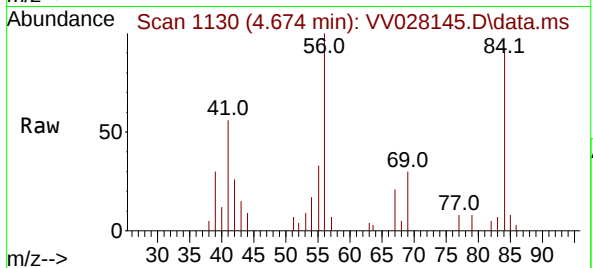




#30
Cyclohexane
Concen: 0.531 ug/L
RT: 4.674 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV028145.D
Acq: 27 Sep 2022 17:29

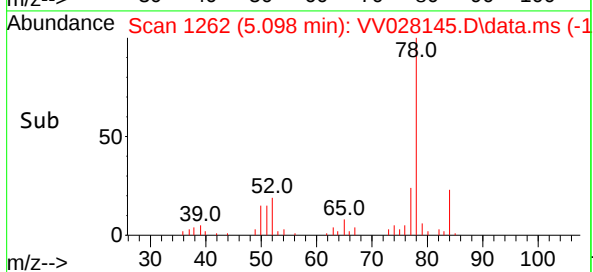
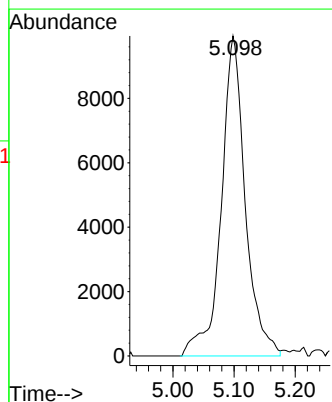
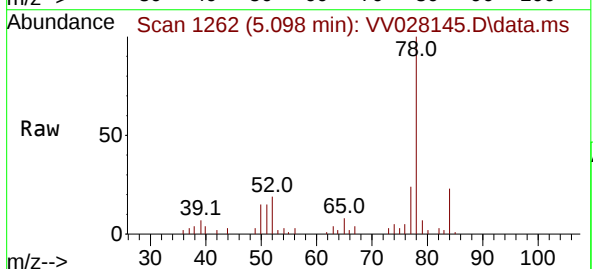
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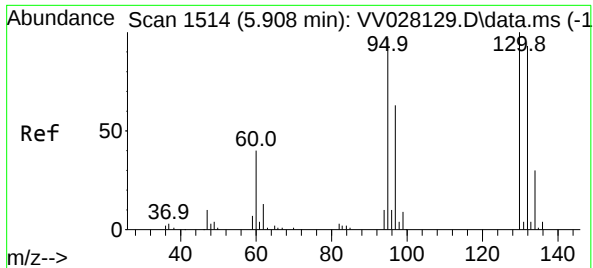
Tgt Ion: 56	Resp: 8268
Ion Ratio	Lower Upper
56 100	
69 31.9	23.7 35.5
84 95.4	67.3 100.9



#33
Benzene
Concen: 0.557 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.007 min
Lab File: VV028145.D
Acq: 27 Sep 2022 17:29

Tgt Ion: 78 Resp: 27108



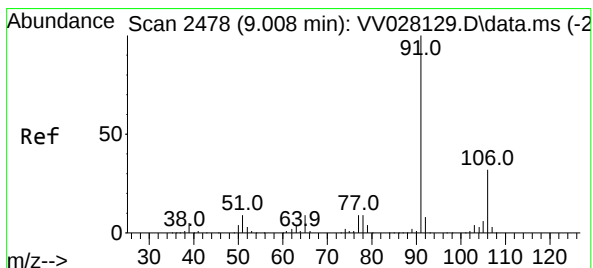
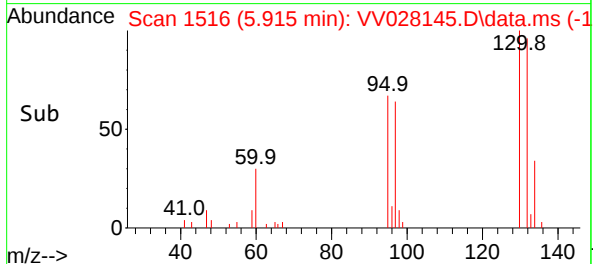
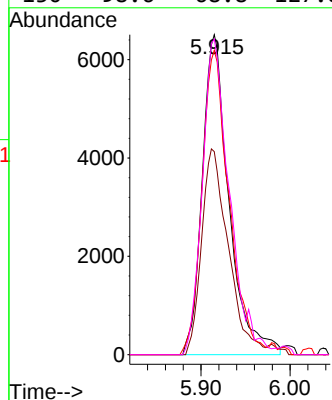
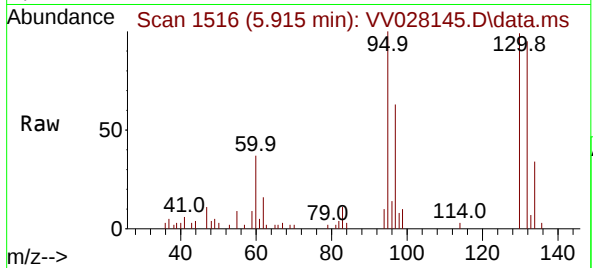


#34
 Trichloroethene
 Concen: 1.119 ug/L
 RT: 5.915 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VV028145.D
 Acq: 27 Sep 2022 17:29

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Tgt Ion: 95 Resp: 13554

Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.2	82.0
132	95.1	67.8	126.0
130	98.6	68.8	127.8



#52
 Ethylbenzene
 Concen: 0.118 ug/L
 RT: 9.011 min Scan# 2479
 Delta R.T. 0.003 min
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Tgt Ion: 91 Resp: 6319

Ion	Ratio	Lower	Upper
91	100		
106	34.3	21.5	39.9

