

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028258.D
 Acq On : 01 Oct 2022 04:43
 Operator : SY/MD
 Sample : N4856-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H41

Quant Time: Oct 01 05:43:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

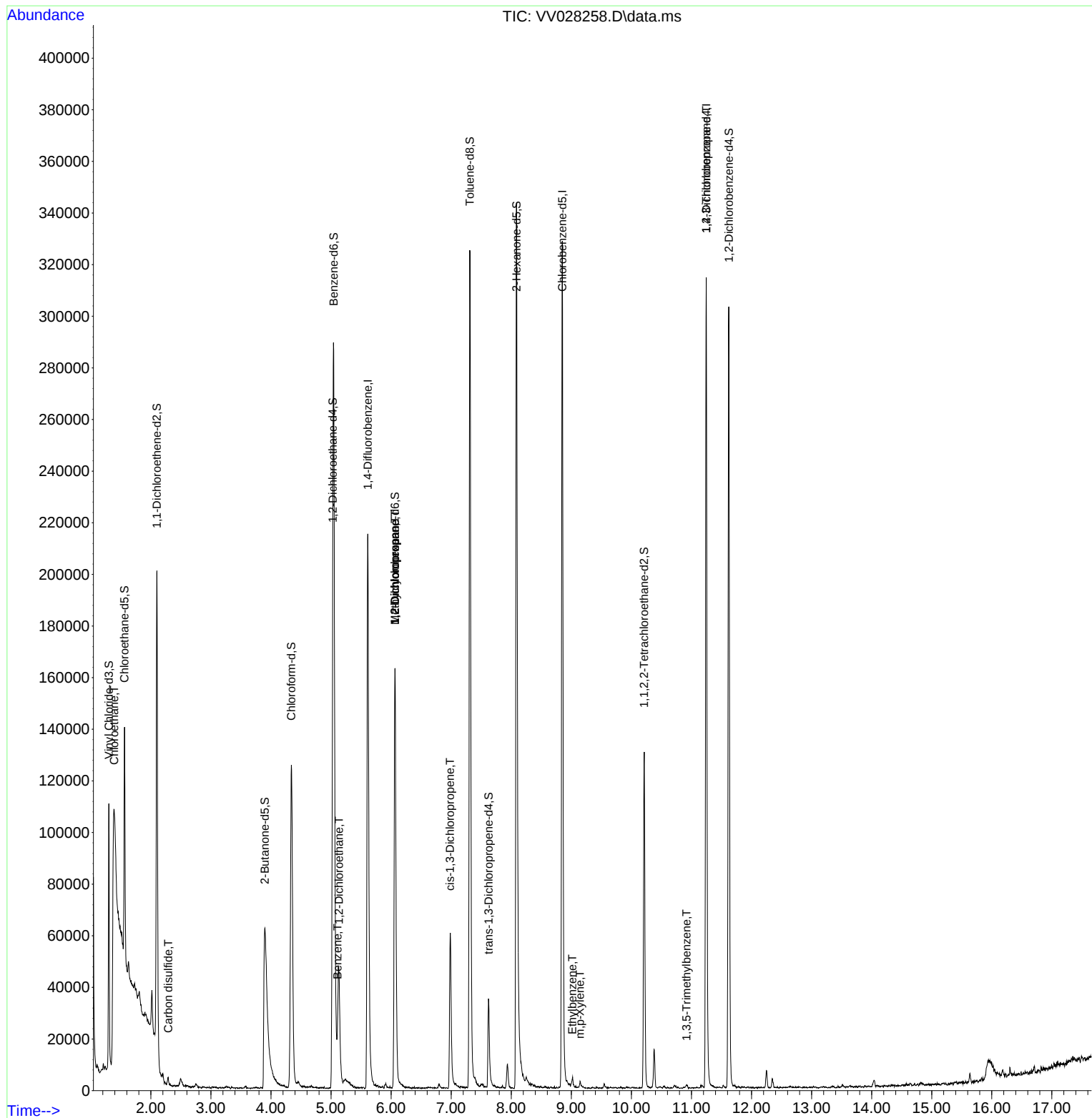
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	197158	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195941	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89792	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	62875	3.076	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.600%
7) Chloroethane-d5	1.561	69	57385	3.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.600%
11) 1,1-Dichloroethene-d2	2.098	63	93190	2.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.600%#
20) 2-Butanone-d5	3.895	46	149169	43.228	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.460%
24) Chloroform-d	4.339	84	137262	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.027	65	64224	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.043	84	274593	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.066	67	86873	4.337	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.310	98	228731	3.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.600%
43) trans-1,3-Dichloroprop...	7.622	79	22822	3.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.000%
46) 2-Hexanone-d5	8.088	63	129541	42.899	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.800%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	63629	4.648	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	85767	4.870	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
8) Chloroethane	1.388	64	288280	28.119	ug/L #	51
14) Carbon disulfide	2.288	76	2982	0.114	ug/L #	92
27) 1,2-Dichloroethane	5.130	62	42547	2.858	ug/L #	94
33) Benzene	5.108	78	10047	0.185	ug/L	100
35) Methylcyclohexane	6.063	83	21278	1.146	ug/L #	17
37) 1,2-Dichloropropane	6.063	63	8416	0.552	ug/L #	87
39) cis-1,3-Dichloropropene	6.982	75	1672	0.088	ug/L #	62
52) Ethylbenzene	9.017	91	2797	0.047	ug/L	96
53) m,p-Xylene	9.143	106	771	0.034	ug/L	75
61) 1,2,3-Trichloropropane	11.246	75	8087	1.074	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.918	105	1237	0.083	ug/L	90

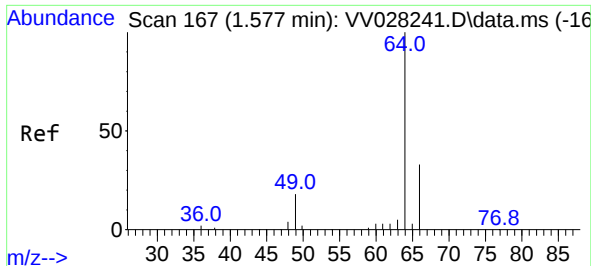
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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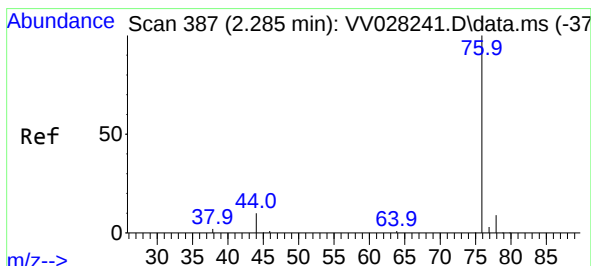
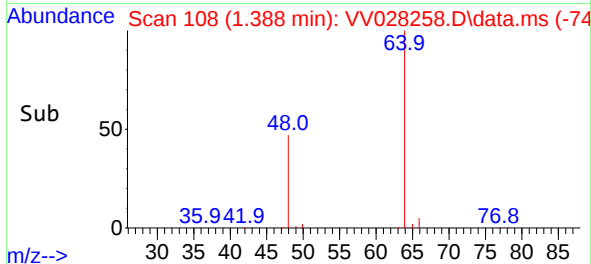
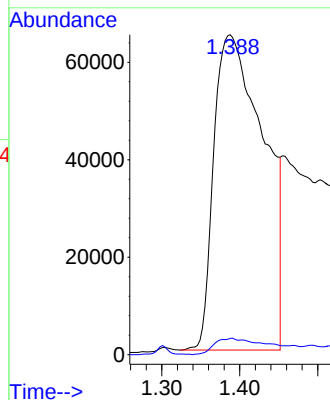
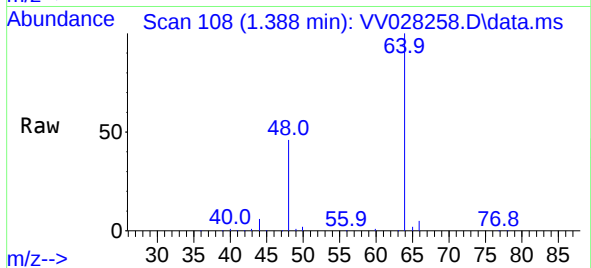




#8
Chloroethane
Concen: 28.119 ug/L
RT: 1.388 min Scan# 10
Delta R.T. -0.190 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

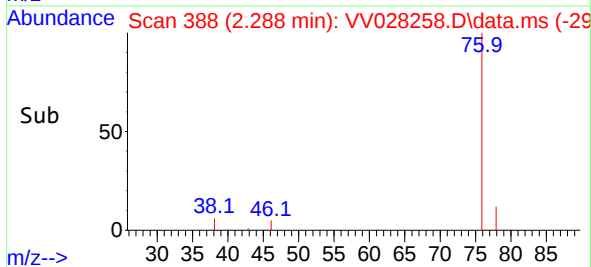
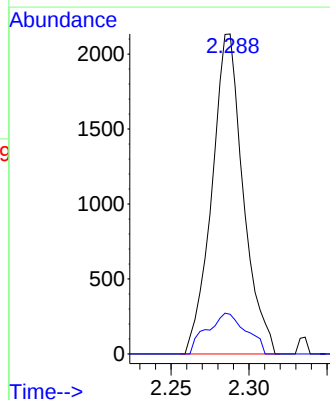
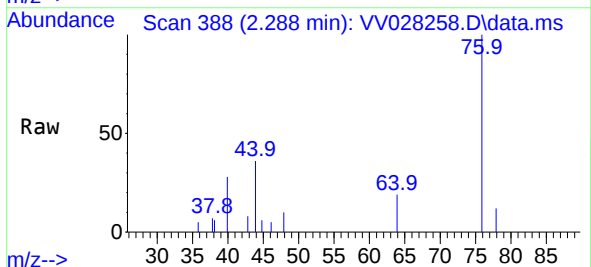
Instrument :
MSVOA_V
ClientSampleId :
F5H41

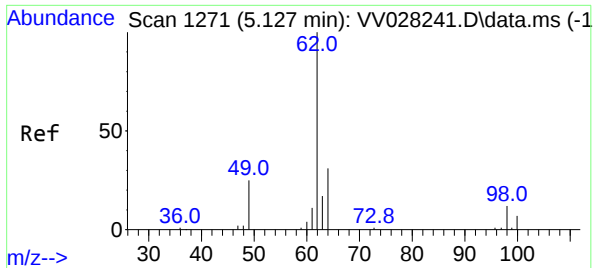
Tgt Ion: 64 Resp: 288280
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#



#14
Carbon disulfide
Concen: 0.114 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

Tgt Ion: 76 Resp: 2982
Ion Ratio Lower Upper
76 100
78 12.4 7.6 11.4#

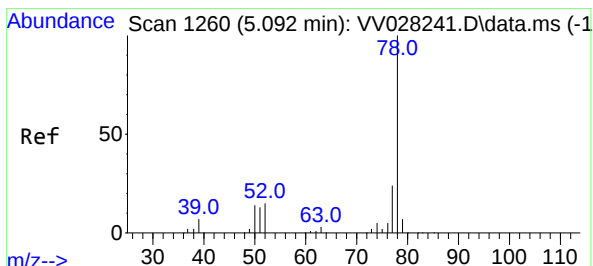
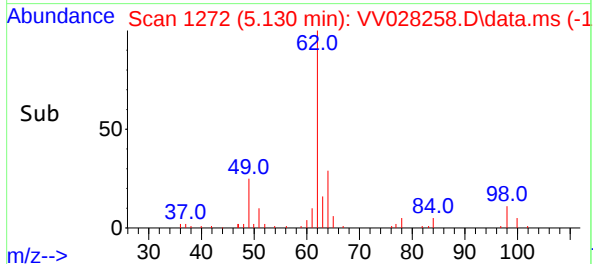
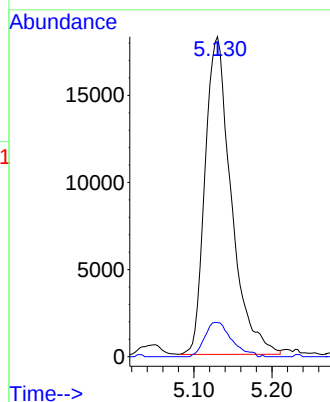
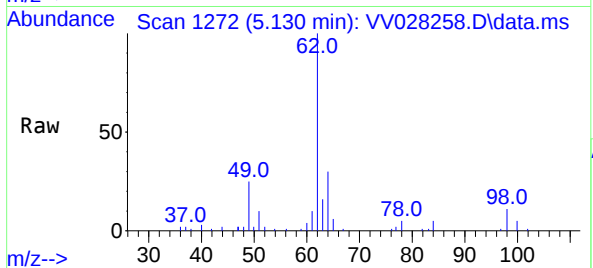




#27
1,2-Dichloroethane
Concen: 2.858 ug/L
RT: 5.130 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

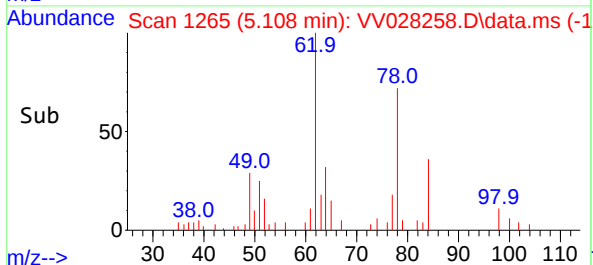
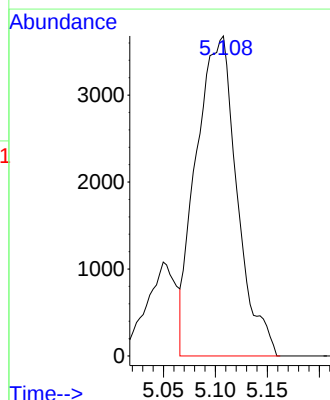
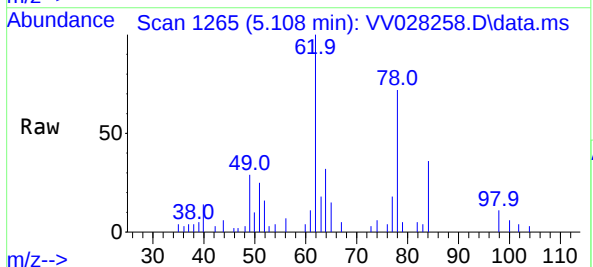
Instrument :
MSVOA_V
ClientSampleId :
F5H41

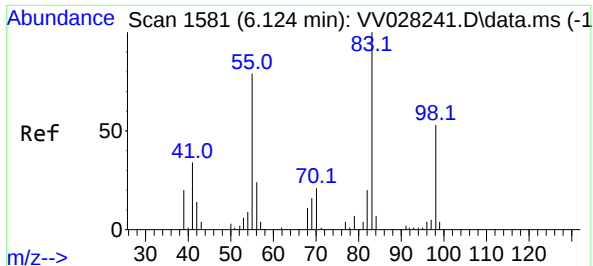
Tgt Ion: 62 Resp: 42547
Ion Ratio Lower Upper
62 100
98 10.7 6.7 10.1#



#33
Benzene
Concen: 0.185 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.019 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

Tgt Ion: 78 Resp: 10047

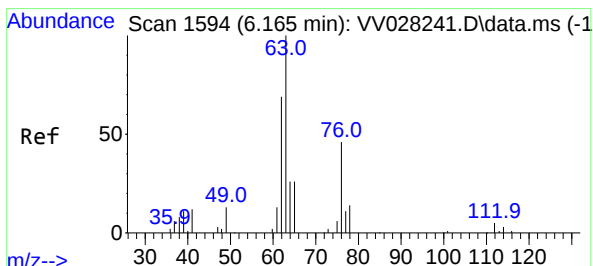
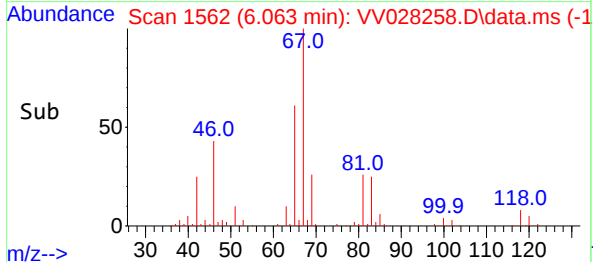
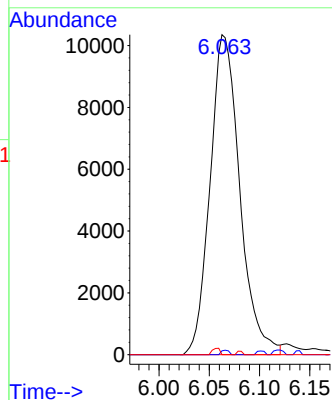
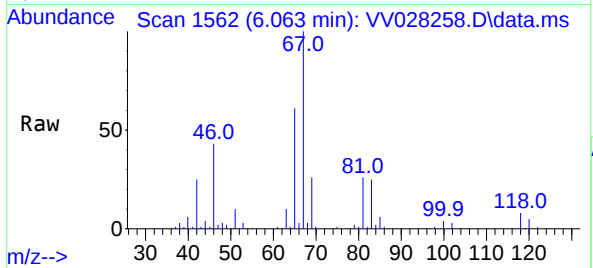




#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

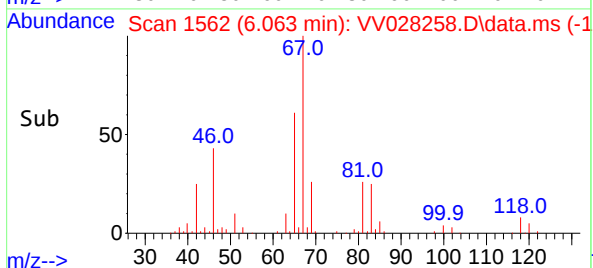
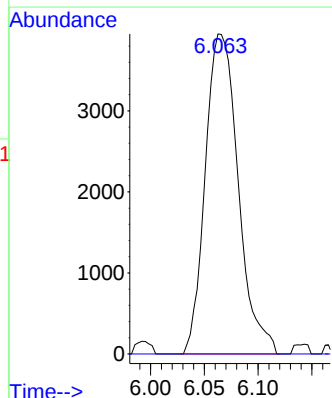
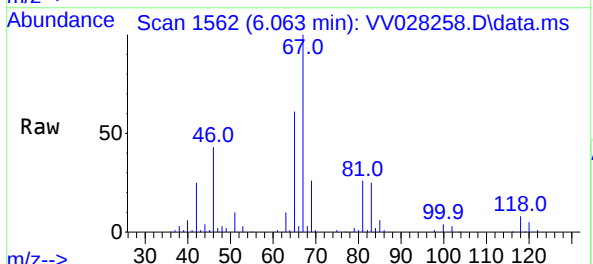
Instrument :
MSVOA_V
ClientSampleId :
F5H41

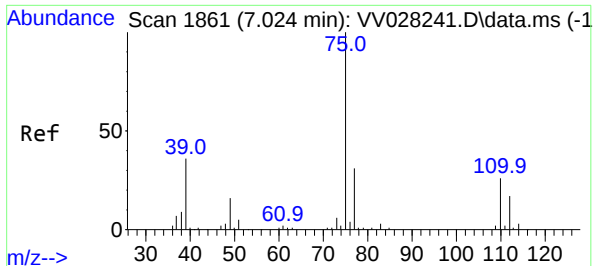
Tgt Ion: 83 Resp: 21278
Ion Ratio Lower Upper
83 100
55 0.4 64.7 97.1#
98 0.5 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.552 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

Tgt Ion: 63 Resp: 8416
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028258.D

Acq: 01 Oct 2022 04:43

Instrument :

MSVOA_V

ClientSampleId :

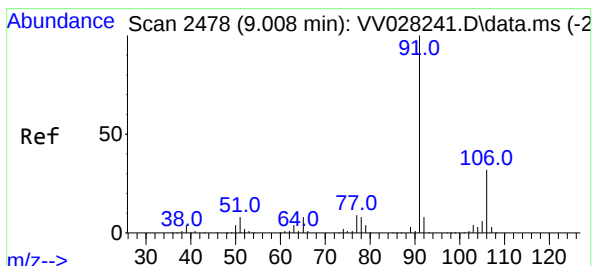
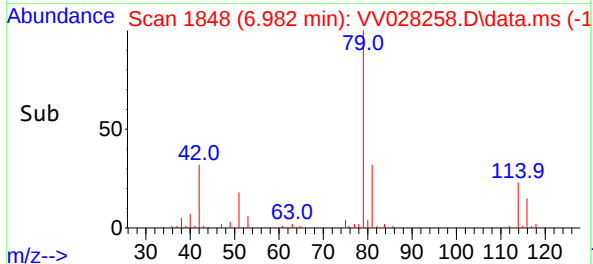
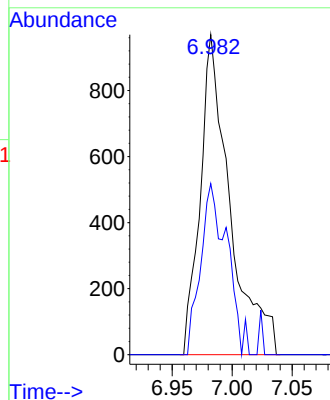
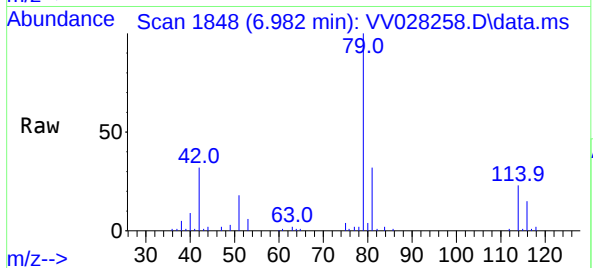
F5H41

Tgt Ion: 75 Resp: 1672

Ion Ratio Lower Upper

75 100

77 53.5 22.4 41.6#



#52

Ethylbenzene

Concen: 0.047 ug/L

RT: 9.017 min Scan# 2481

Delta R.T. 0.010 min

Lab File: VV028258.D

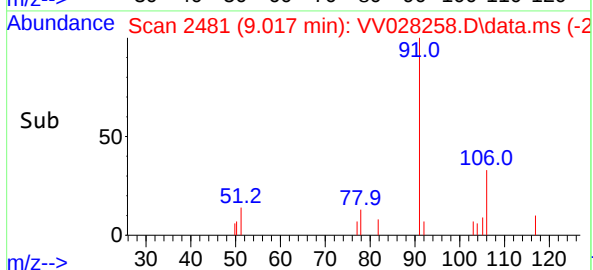
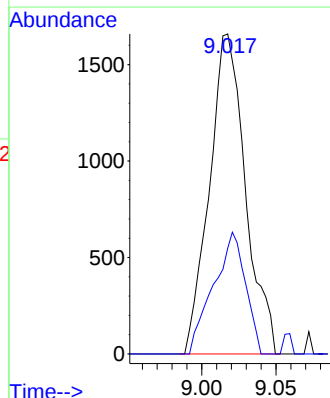
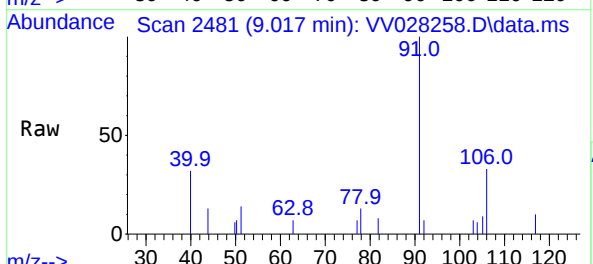
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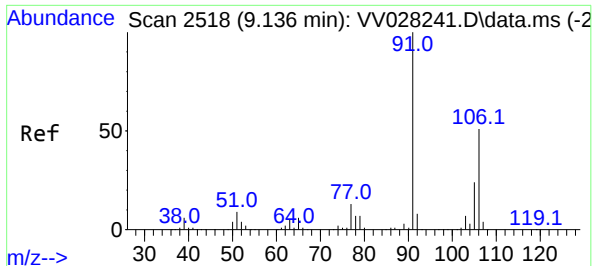
Tgt Ion: 91 Resp: 2797

Ion Ratio Lower Upper

91 100

106 33.0 21.5 39.9

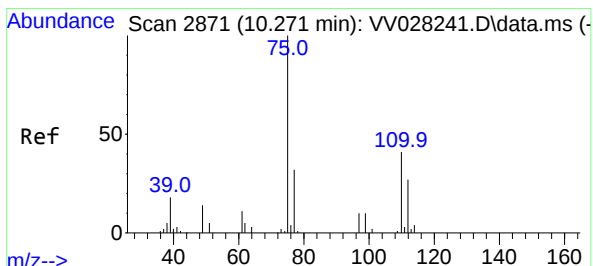
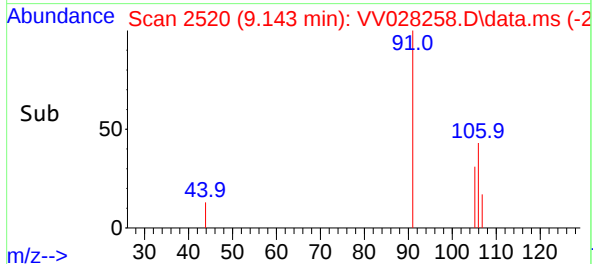
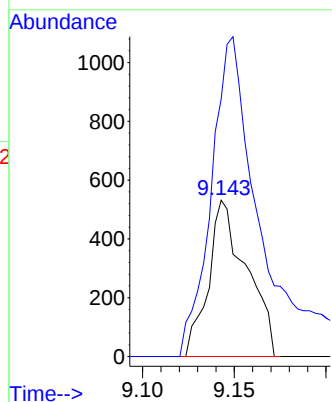
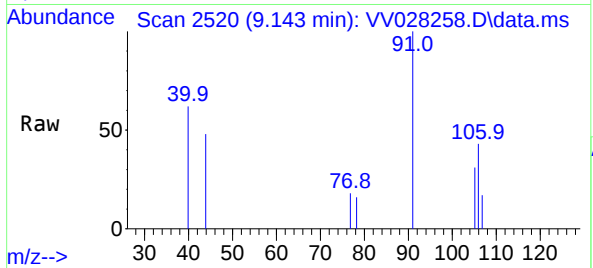




#53
m,p-Xylene
Concen: 0.034 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

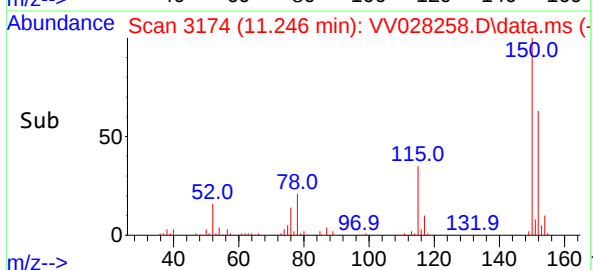
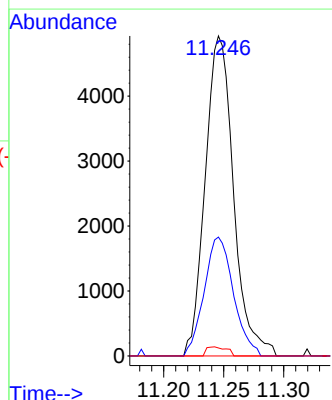
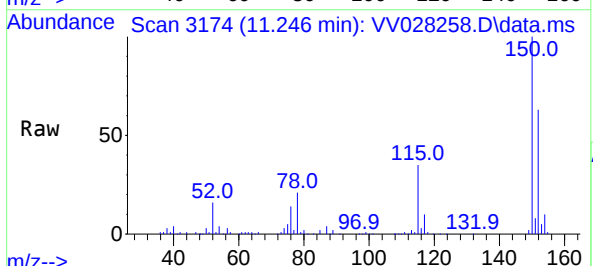
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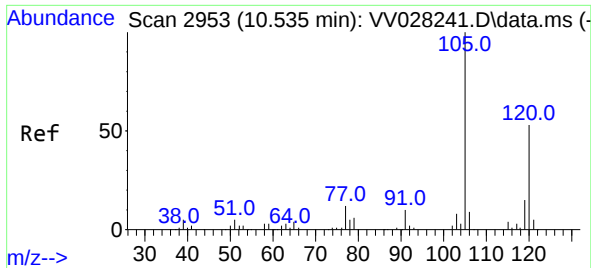
Tgt Ion:106 Resp: 771
Ion Ratio Lower Upper
106 100
91 164.5 141.9 263.5



#61
1,2,3-Trichloropropane
Concen: 1.074 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028258.D
Acq: 01 Oct 2022 04:43

Tgt Ion: 75 Resp: 8087
Ion Ratio Lower Upper
75 100
77 38.4 26.7 40.1
110 2.0 30.1 45.1#





#62
 1,3,5-Trimethylbenzene
 Concen: 0.083 ug/L
 RT: 10.918 min Scan# 30
 Delta R.T. 0.383 min
 Lab File: VV028258.D
 Acq: 01 Oct 2022 04:43

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:105 Resp: 1237
 Ion Ratio Lower Upper
 105 100
 120 43.9 40.6 61.0

