

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028257.D
 Acq On : 01 Oct 2022 04:18
 Operator : SY/MD
 Sample : N4856-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H38

Quant Time: Oct 01 05:43:05 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)

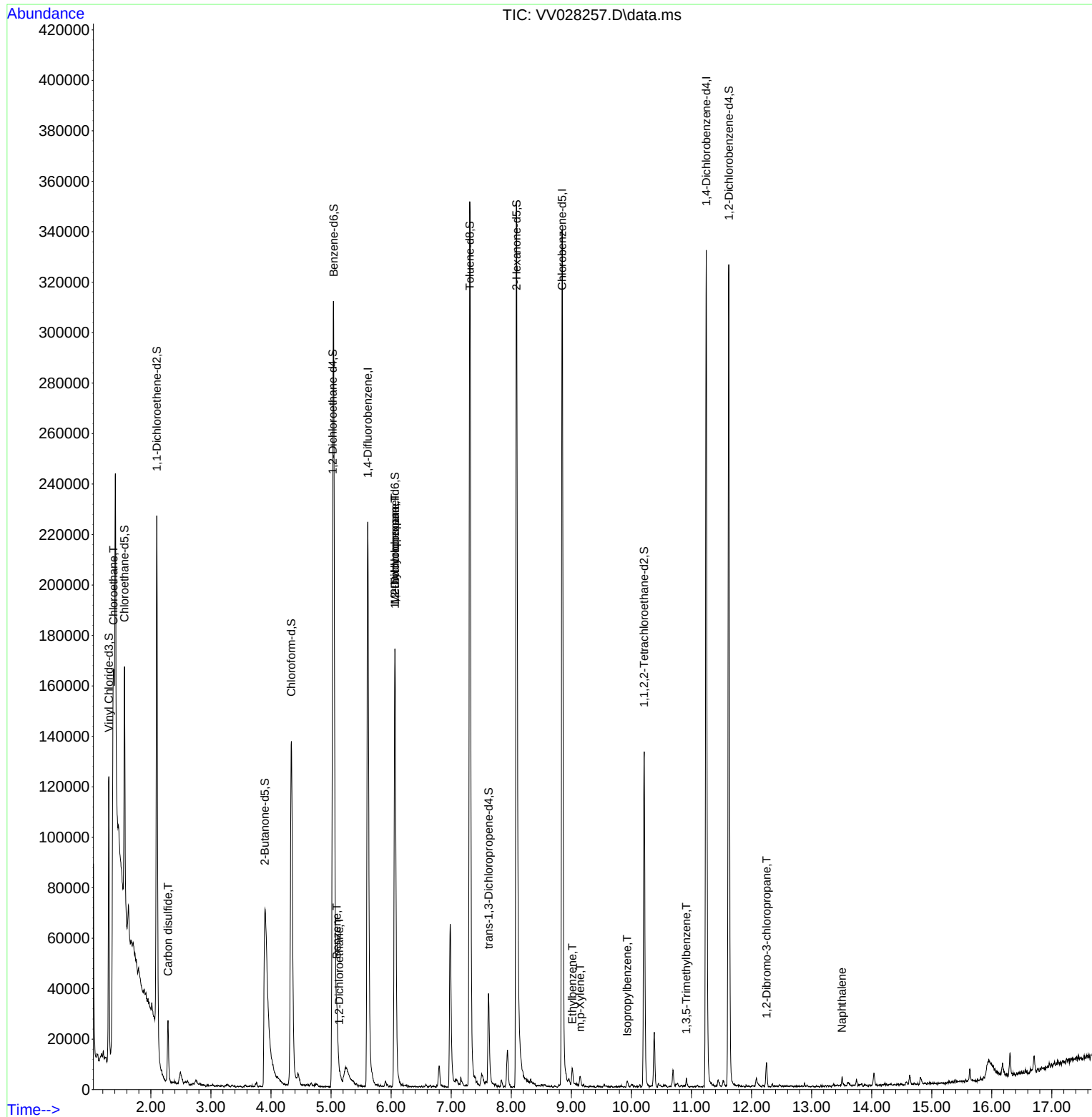
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	207249	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	204872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94676	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68604	3.193	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.561	69	63701	3.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.098	63	102359	2.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.000%#
20) 2-Butanone-d5	3.899	46	167265	46.112	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.220%
24) Chloroform-d	4.339	84	149034	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.027	65	67377	4.130	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
32) Benzene-d6	5.044	84	293923	4.375	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.063	67	91138	4.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.310	98	243466	4.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.622	79	24246	3.205	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.200%
46) 2-Hexanone-d5	8.088	63	138878	43.987	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	66346	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	91602	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
8) Chloroethane	1.378	64	477391	44.297	ug/L #	50
14) Carbon disulfide	2.285	76	27349	0.995	ug/L	100
27) 1,2-Dichloroethane	5.137	62	2384	0.152	ug/L #	76
33) Benzene	5.095	78	28270	0.497	ug/L	100
35) Methylcyclohexane	6.063	83	21818	1.123	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	9281	0.582	ug/L #	88
52) Ethylbenzene	9.014	91	5372	0.086	ug/L	97
53) m,p-Xylene	9.146	106	1492	0.062	ug/L	94
60) Isopropylbenzene	9.931	105	1914	0.034	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.915	105	1824	0.117	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.249	75	338	0.194	ug/L #	1
71) Naphthalene	13.506	128	3204	0.112	ug/L #	90

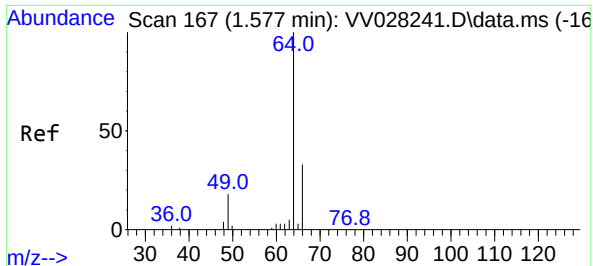
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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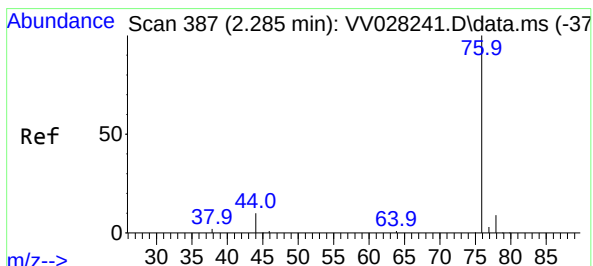
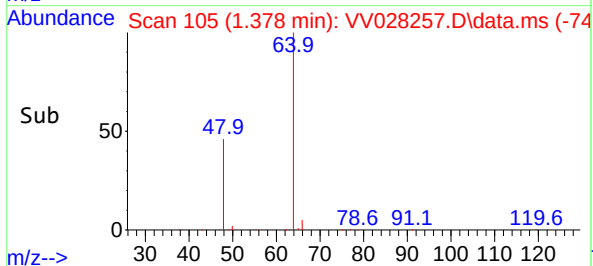
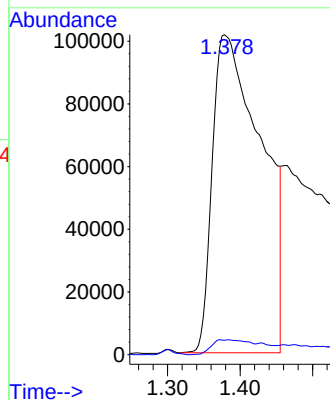
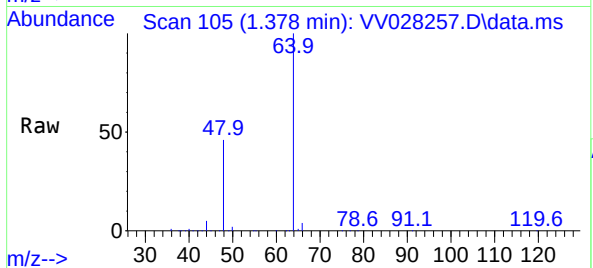




#8
Chloroethane
Concen: 44.297 ug/L
RT: 1.378 min Scan# 105
Delta R.T. -0.199 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

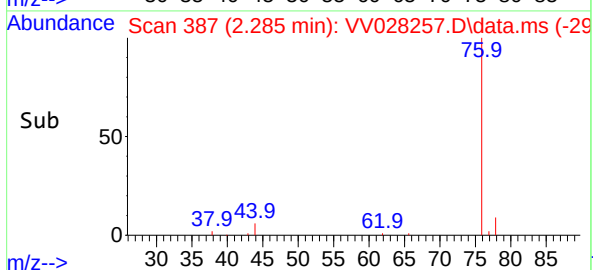
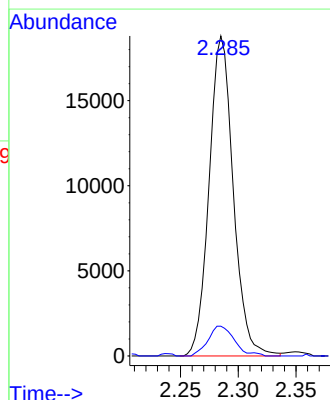
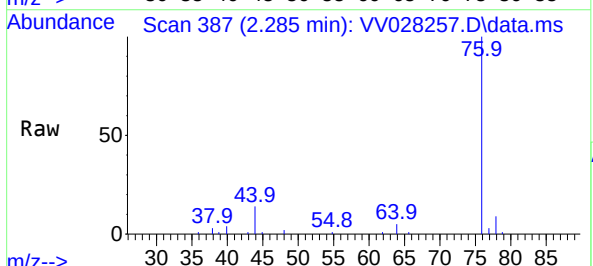
Instrument :
MSVOA_V
ClientSampleId :
F5H38

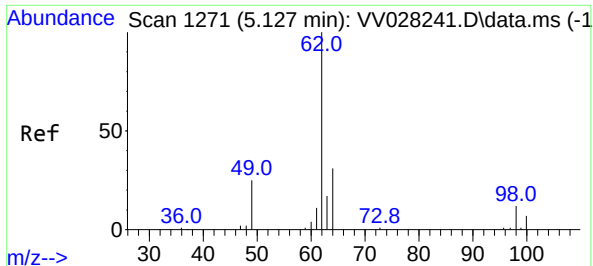
Tgt Ion: 64 Resp: 477391
Ion Ratio Lower Upper
64 100
66 4.5 23.0 42.8#



#14
Carbon disulfide
Concen: 0.995 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

Tgt Ion: 76 Resp: 27349
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4

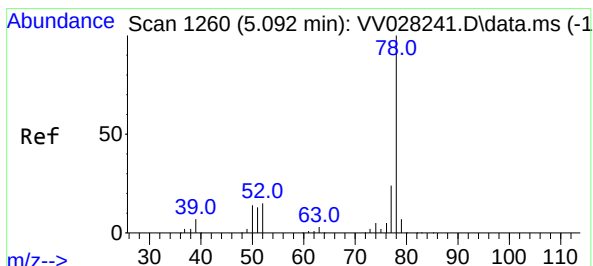
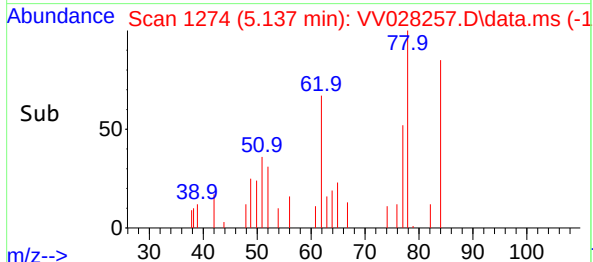
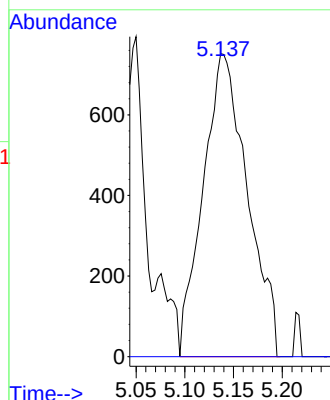
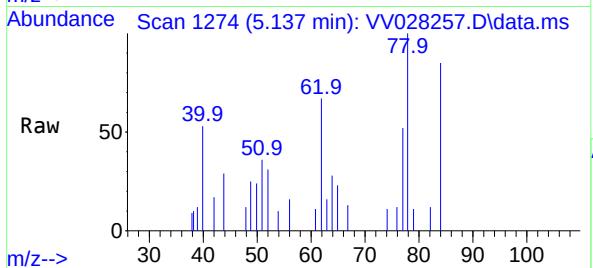




#27
1,2-Dichloroethane
Concen: 0.152 ug/L
RT: 5.137 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

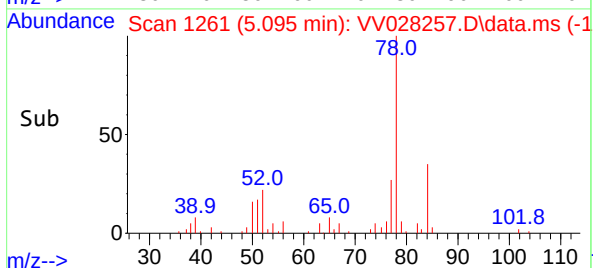
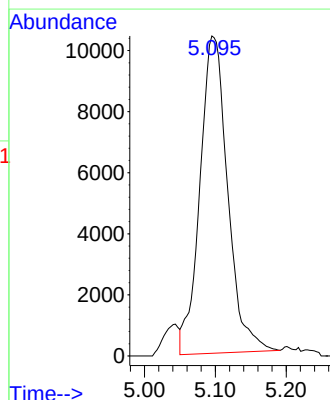
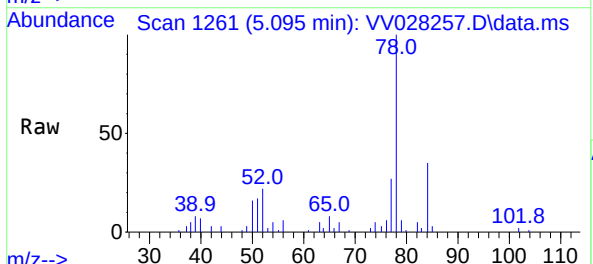
Instrument :
MSVOA_V
ClientSampleId :
F5H38

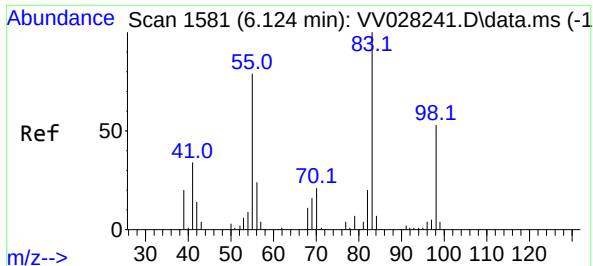
Tgt Ion: 62 Resp: 2384
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#33
Benzene
Concen: 0.497 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

Tgt Ion: 78 Resp: 28270

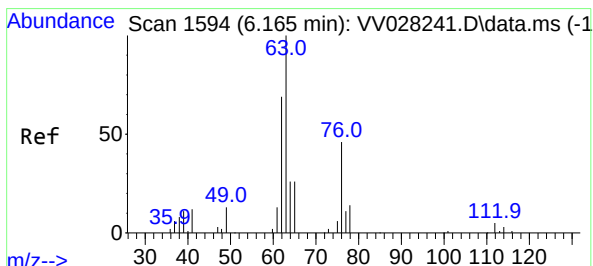
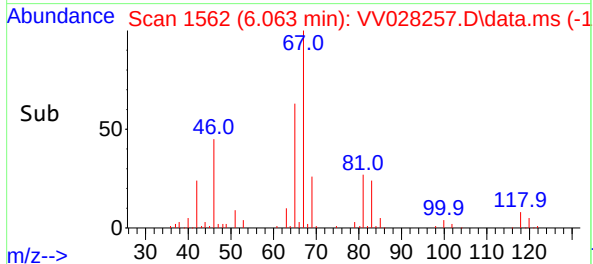
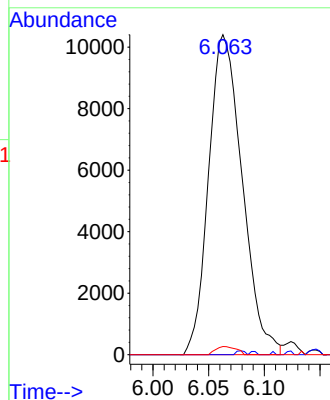
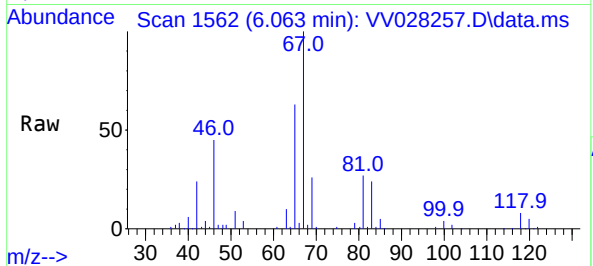




#35
Methylcyclohexane
Concen: 1.123 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.058 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

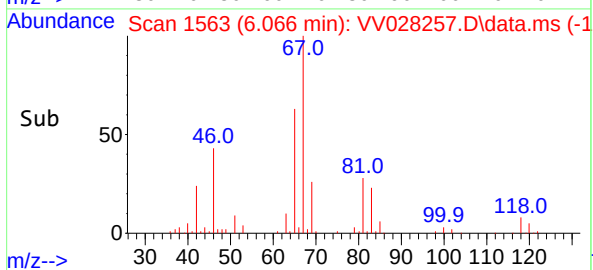
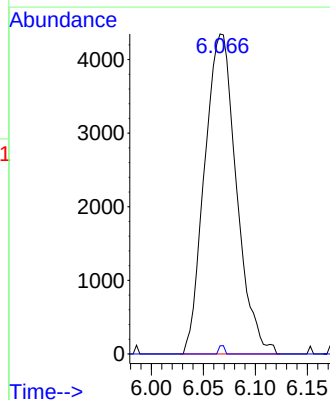
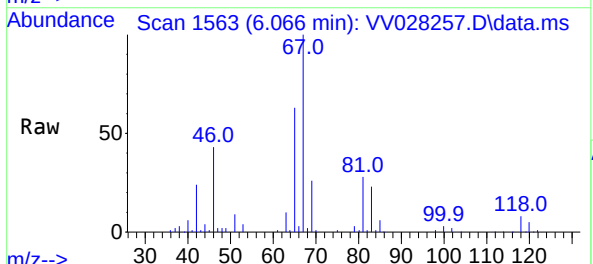
Instrument :
MSVOA_V
ClientSampleId :
F5H38

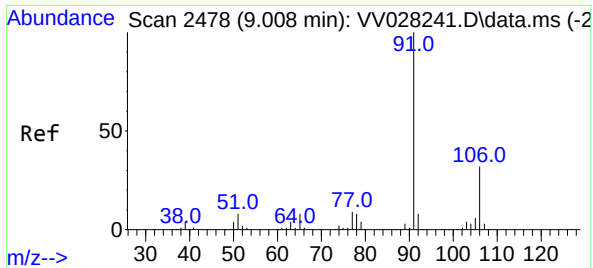
Tgt Ion: 83 Resp: 21818
Ion Ratio Lower Upper
83 100
55 0.3 64.7 97.1#
98 1.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

Tgt Ion: 63 Resp: 9281
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#

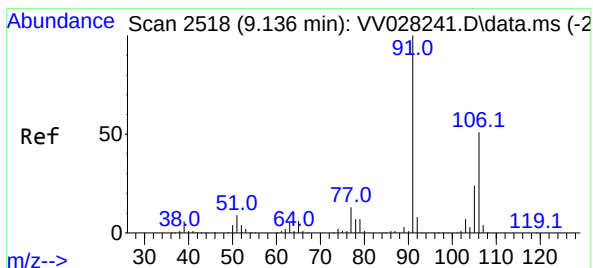
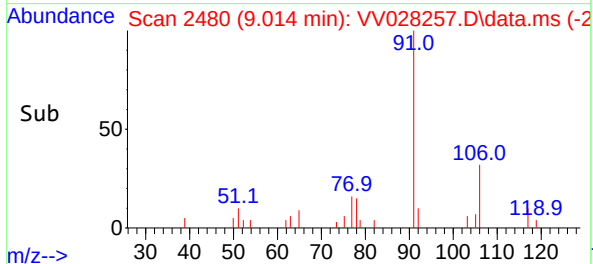
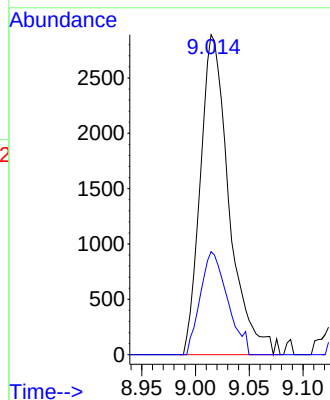
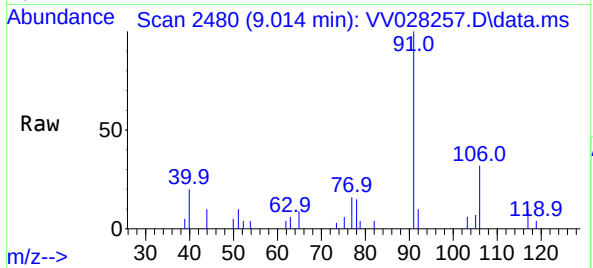




#52
Ethylbenzene
Concen: 0.086 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.007 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

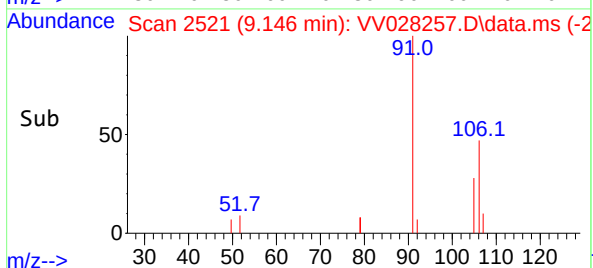
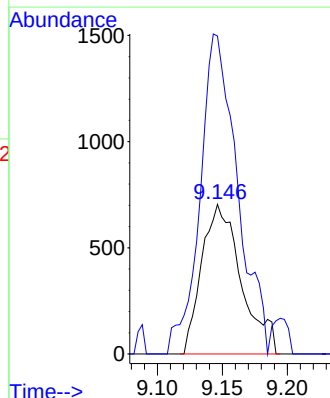
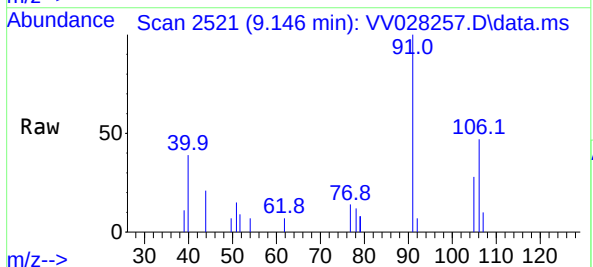
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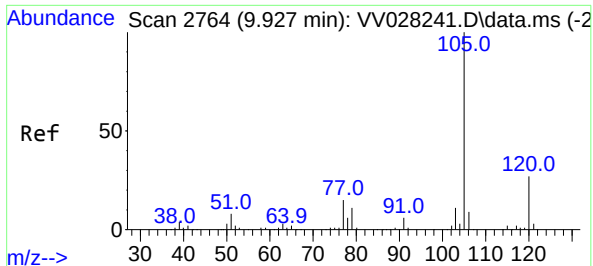
Tgt Ion: 91 Resp: 5372
Ion Ratio Lower Upper
91 100
106 32.2 21.5 39.9



#53
m,p-Xylene
Concen: 0.062 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

Tgt Ion: 106 Resp: 1492
Ion Ratio Lower Upper
106 100
91 212.3 141.9 263.5

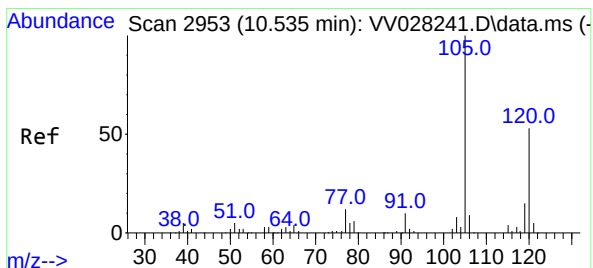
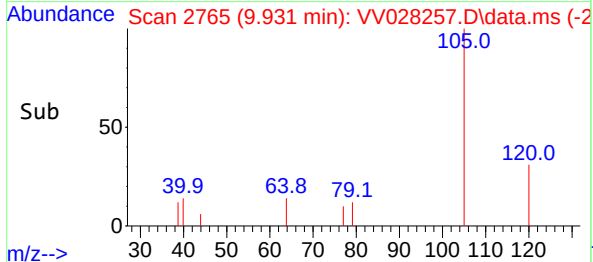
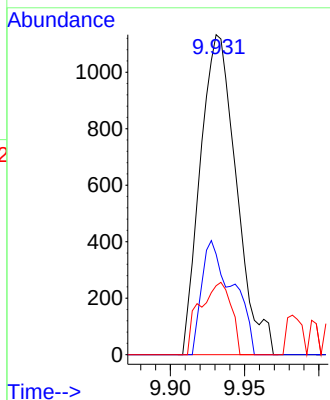
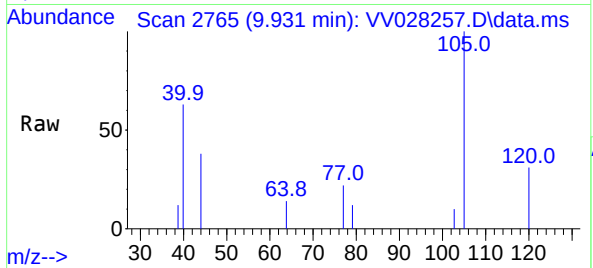




#60
Isopropylbenzene
Concen: 0.034 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

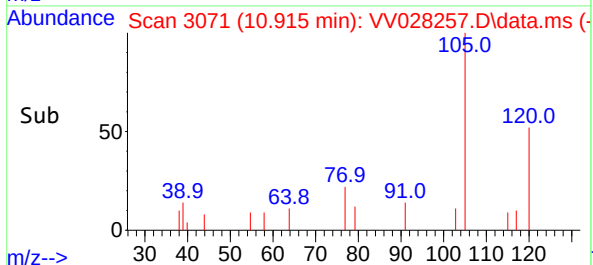
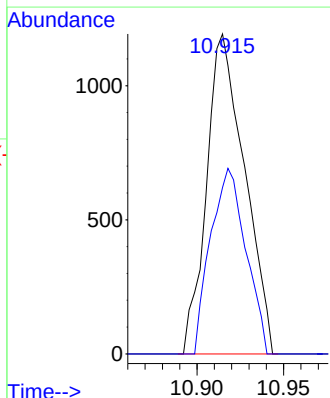
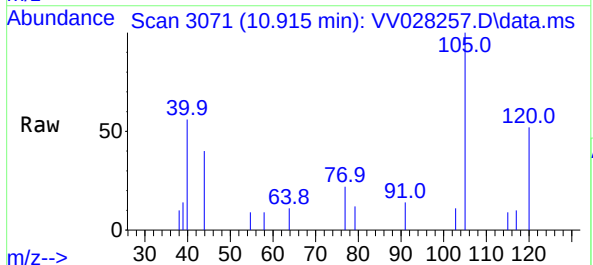
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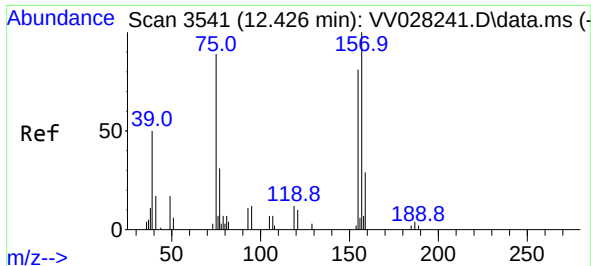
Tgt Ion:105 Resp: 1914
Ion Ratio Lower Upper
105 100
120 30.7 21.4 32.0
77 19.6 12.2 18.4#



#62
1,3,5-Trimethylbenzene
Concen: 0.117 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.379 min
Lab File: VV028257.D
Acq: 01 Oct 2022 04:18

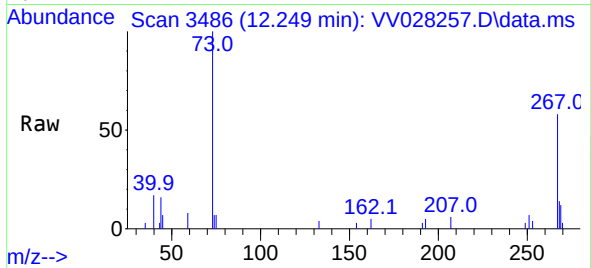
Tgt Ion:105 Resp: 1824
Ion Ratio Lower Upper
105 100
120 53.8 40.6 61.0



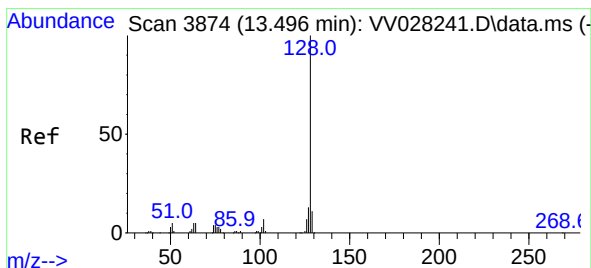
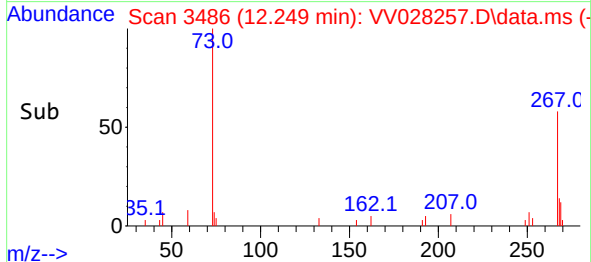
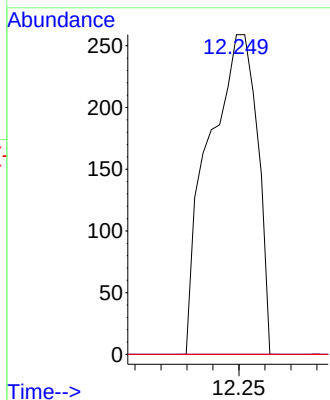


#68
1,2-Dibromo-3-chloropropane
Concen: 0.194 ug/L
RT: 12.249 min Scan# 34
Delta R.T. -0.174 min
Lab File: VV028257.D
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Tgt Ion: 75 Resp: 338
Ion Ratio Lower Upper
75 100
155 0.0 73.6 110.4#
157 0.0 90.7 136.1#



#71
Naphthalene
Concen: 0.112 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.010 min
Lab File: VV028257.D
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Tgt Ion: 128 Resp: 3204
Ion Ratio Lower Upper
128 100
129 7.7 8.2 12.2#
127 8.1 10.4 15.6#

