

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091522\
 Data File : VW027847.D
 Acq On : 15 Sep 2022 11:41
 Operator : SY/MD
 Sample : N4618-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0E53

Quant Time: Sep 16 01:31:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 01:29:01 2022
 Response via : Initial Calibration

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

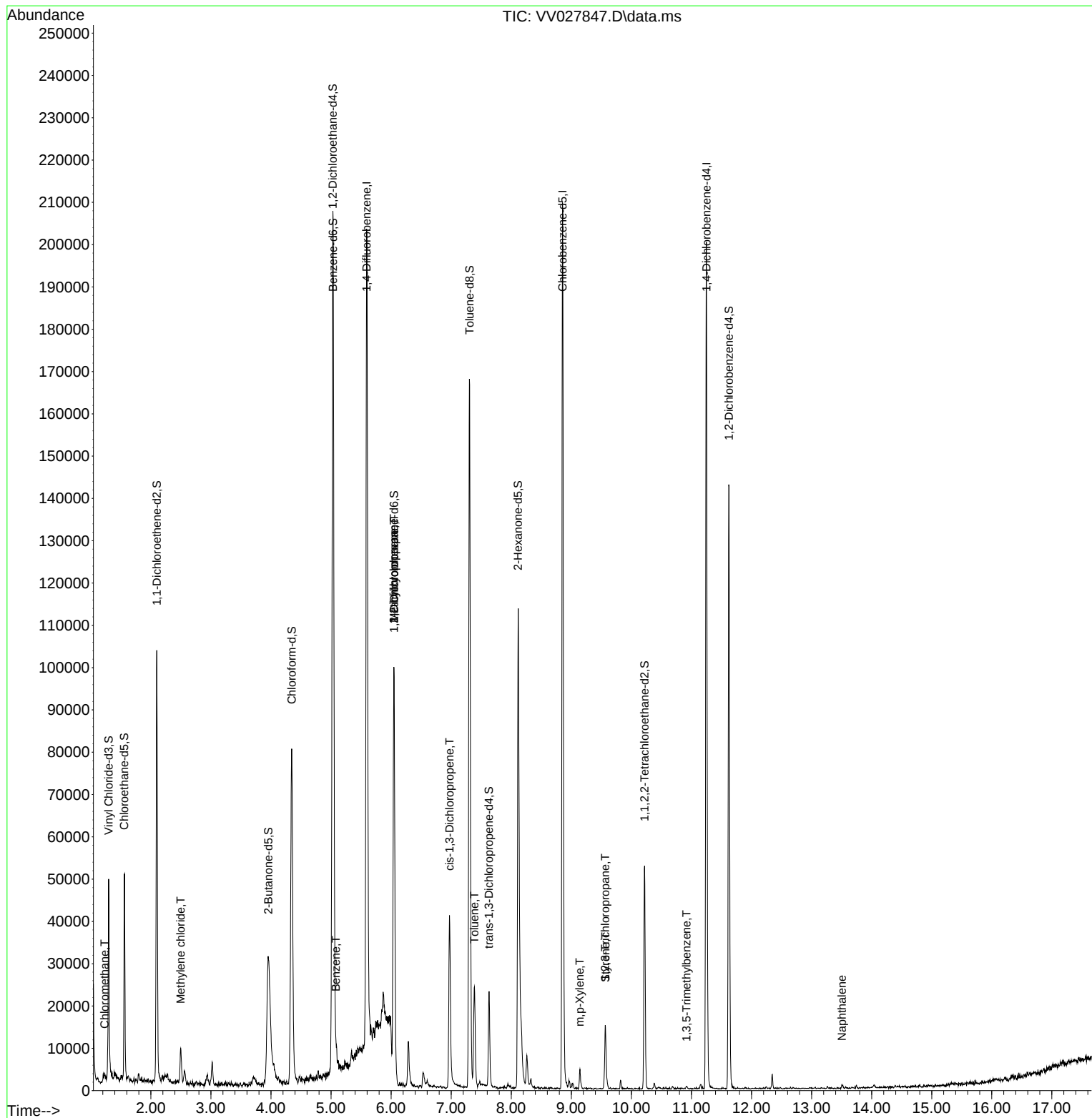
Internal Standards						
1) 1,4-Difluorobenzene	5.593	114	160813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122204	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	30794	2.905	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.558	69	31049	3.453	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.000%
11) 1,1-Dichloroethene-d2	2.098	63	53156	2.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.200%#
20) 2-Butanone-d5	3.957	46	72752	30.969	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	61.940%
24) Chloroform-d	4.346	84	78455	3.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.200%
26) 1,2-Dichloroethane-d4	5.027	65	45159	3.907	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	5.034	84	163855	4.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.047	67	41231	3.972	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.304	98	121108	4.062	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	7.629	79	12833	3.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.114	63	39835	30.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.540%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	22973	3.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	39625	4.191	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						Qvalue
3) Chloromethane	1.230	50	582	0.040	ug/L	90
16) Methylene chloride	2.497	84	3160	0.230	ug/L	89
33) Benzene	5.079	78	2199	0.054	ug/L	100
35) Methylcyclohexane	6.047	83	12267	0.791	ug/L #	18
37) 1,2-Dichloropropane	6.050	63	5666	0.592	ug/L #	85
39) cis-1,3-Dichloropropene	6.973	75	1046	0.086	ug/L #	28
42) Toluene	7.384	91	19681	0.503	ug/L	98
53) m,p-Xylene	9.140	106	1159	0.073	ug/L	90
55) Styrene	9.567	104	8242	0.314	ug/L	91
61) 1,2,3-Trichloropropane	9.564	75	297	0.065	ug/L #	1
62) 1,3,5-Trimethylbenzene	10.918	105	661	0.065	ug/L	99
71) Naphthalene	13.506	128	1026	0.060	ug/L #	82

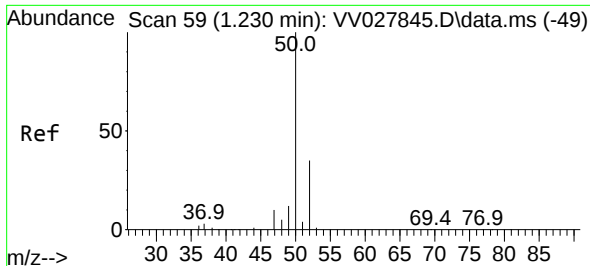
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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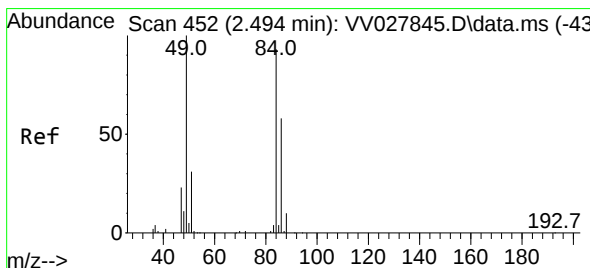
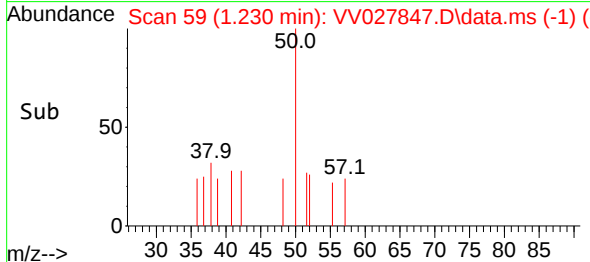
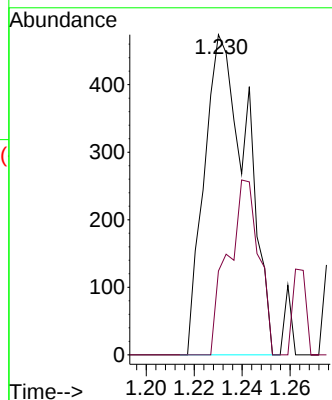
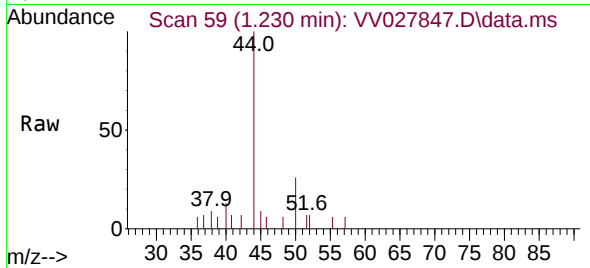




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

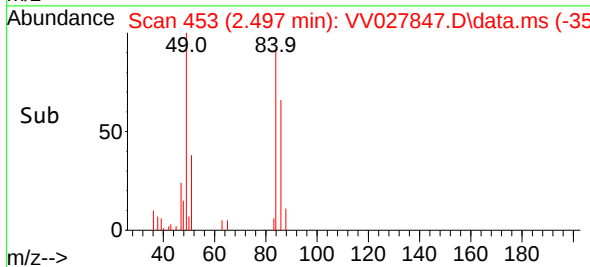
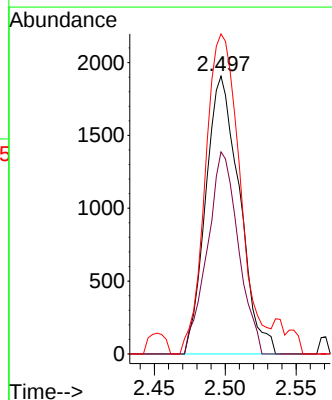
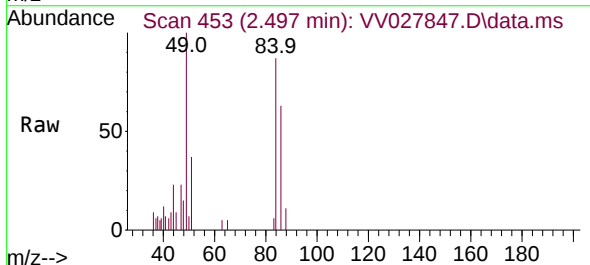
Instrument :
MSVOA_V
ClientSampleId :
C0E53

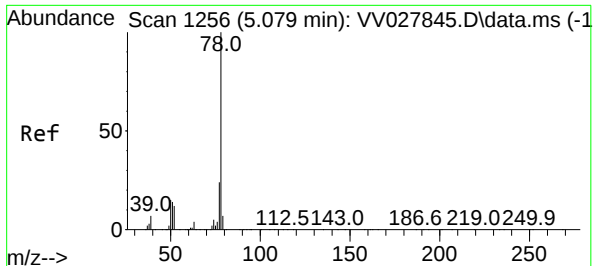
Tgt Ion: 50 Resp: 582
Ion Ratio Lower Upper
50 100
52 26.2 22.1 41.1



#16
Methylene chloride
Concen: 0.230 ug/L
RT: 2.497 min Scan# 453
Delta R.T. 0.003 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

Tgt Ion: 84 Resp: 3160
Ion Ratio Lower Upper
84 100
86 72.8 44.9 83.3
49 115.2 90.1 167.3

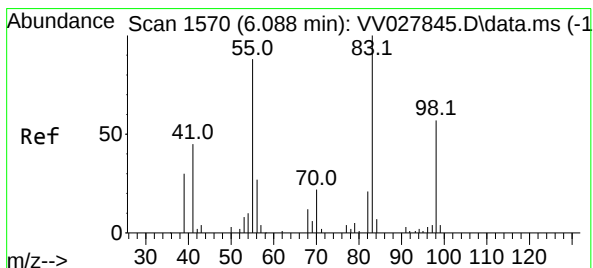
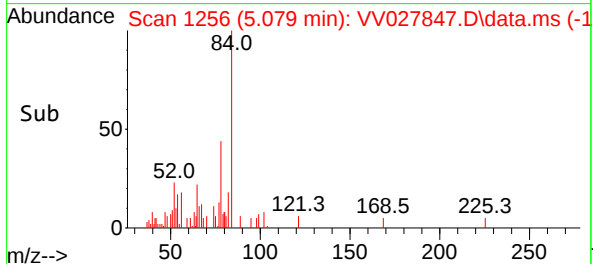
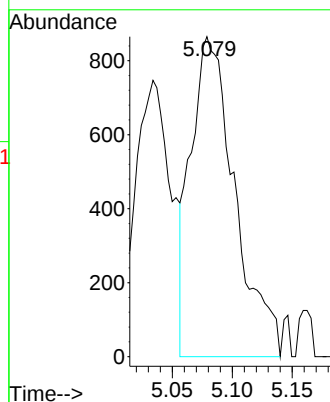
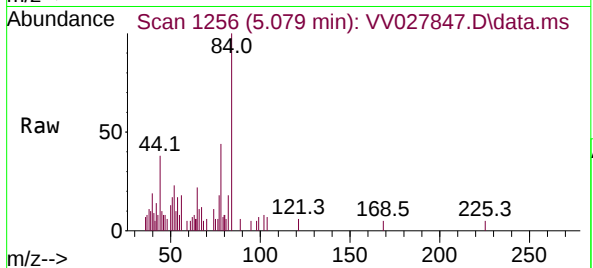




#33
Benzene
Concen: 0.054 ug/L
RT: 5.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

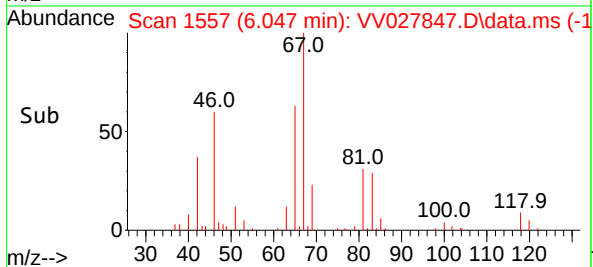
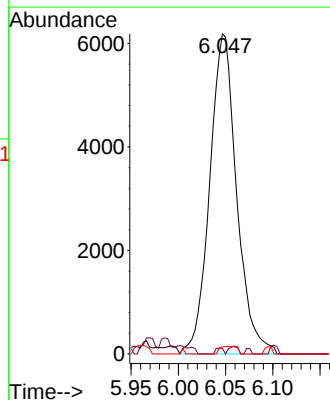
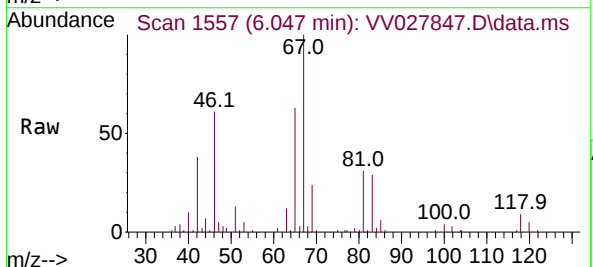
Instrument :
MSVOA_V
ClientSampleId :
C0E53

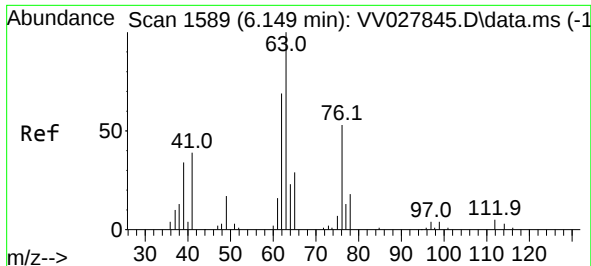
Tgt Ion: 78 Resp: 2199



#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.042 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

Tgt Ion: 83 Resp: 12267
Ion Ratio Lower Upper
83 100
55 0.5 61.9 92.9#
98 0.0 37.5 56.3#





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.050 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027847.D

Acq: 15 Sep 2022 11:41

Instrument :

MSVOA_V

ClientSampleId :

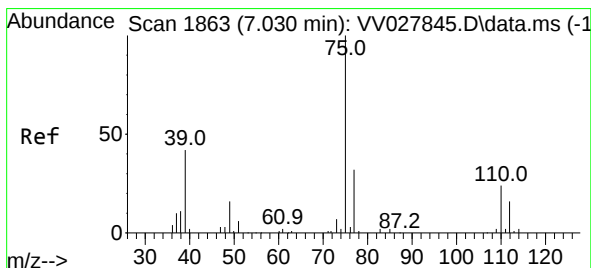
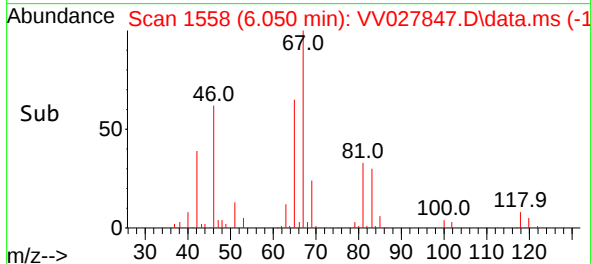
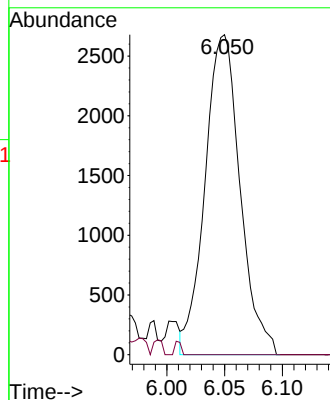
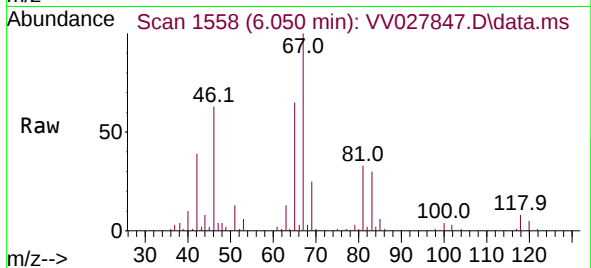
C0E53

Tgt Ion: 63 Resp: 5666

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.973 min Scan# 1845

Delta R.T. -0.058 min

Lab File: VV027847.D

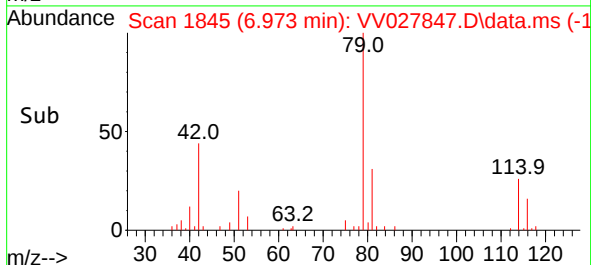
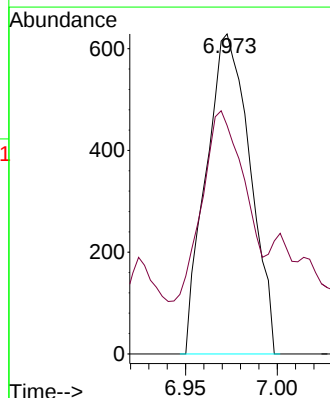
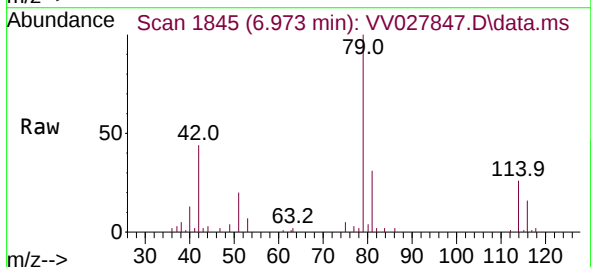
Acq: 15 Sep 2022 11:41

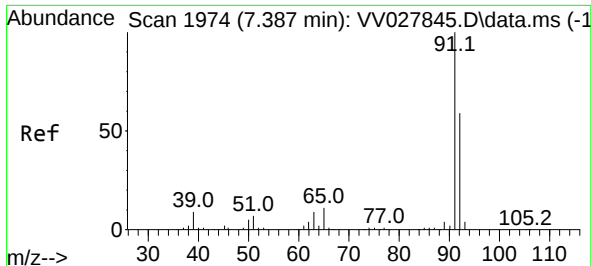
Tgt Ion: 75 Resp: 1046

Ion Ratio Lower Upper

75 100

77 71.4 22.0 40.8#

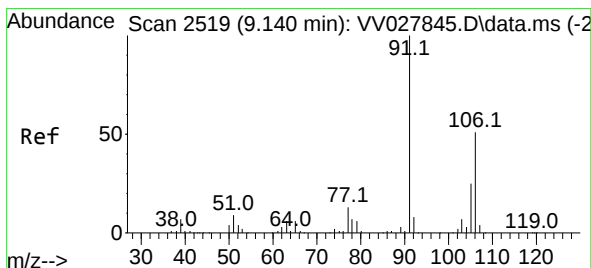
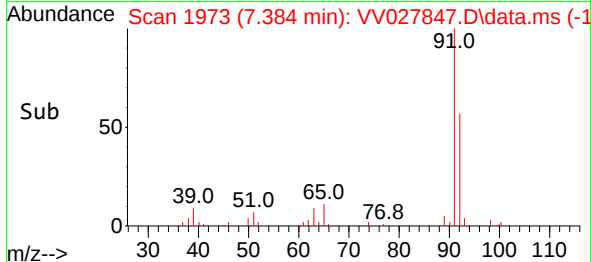
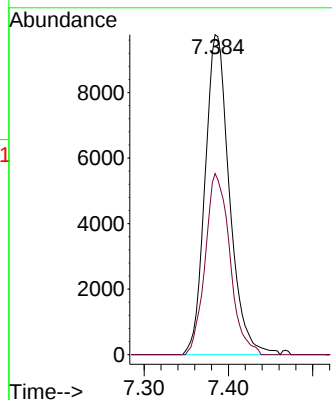
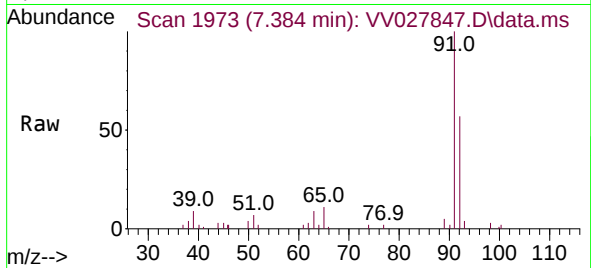




#42
Toluene
Concen: 0.503 ug/L
RT: 7.384 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

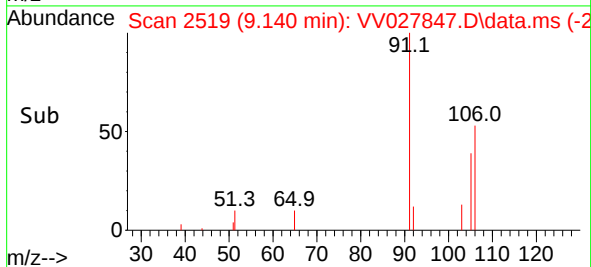
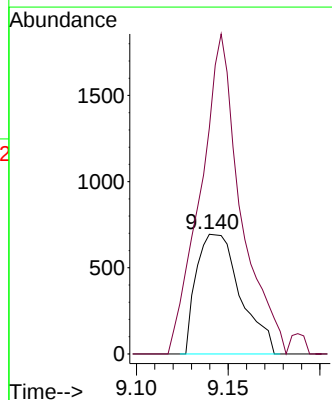
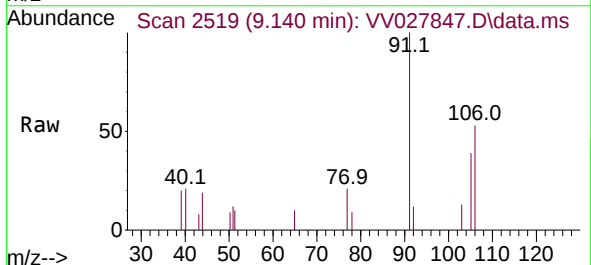
Instrument :
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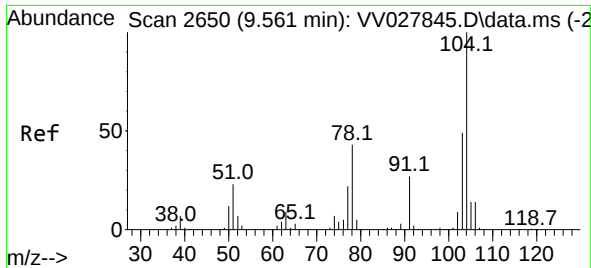
Tgt Ion: 91 Resp: 19681
Ion Ratio Lower Upper
91 100
92 56.6 40.8 75.8



#53
m,p-Xylene
Concen: 0.073 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

Tgt Ion: 106 Resp: 1159
Ion Ratio Lower Upper
106 100
91 188.8 142.4 264.4

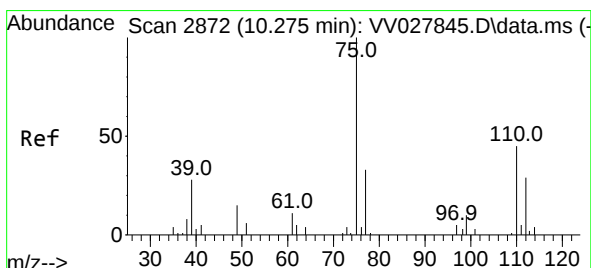
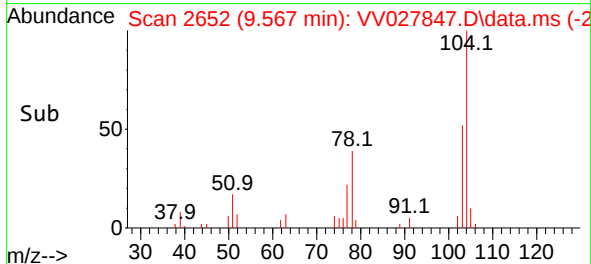
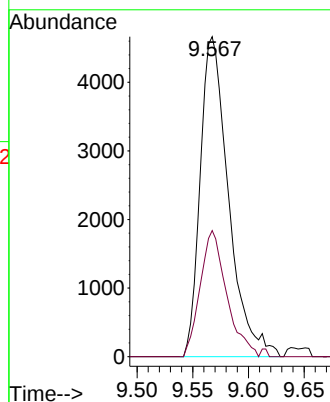
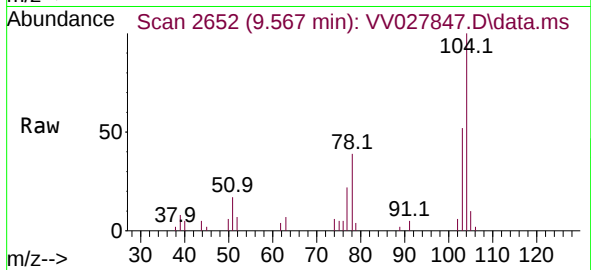




#55
Styrene
Concen: 0.314 ug/L
RT: 9.567 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

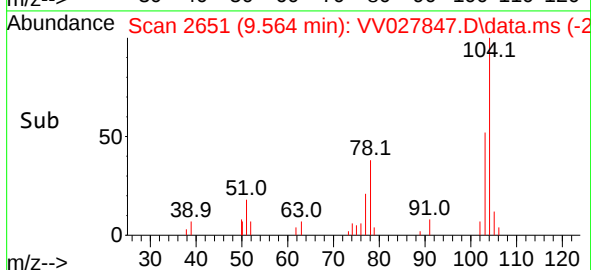
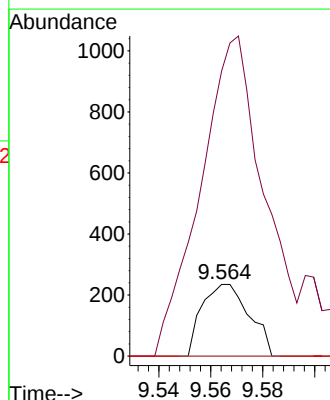
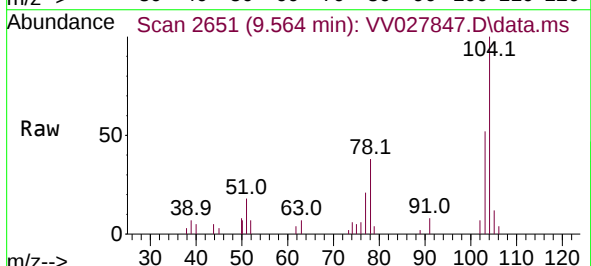
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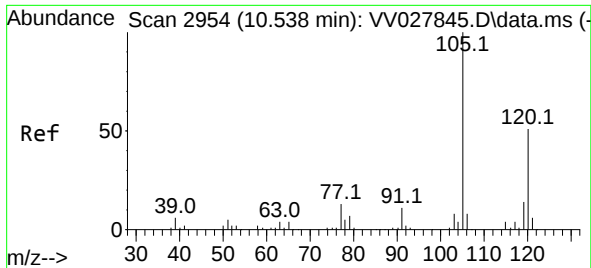
Tgt Ion:104 Resp: 8242
Ion Ratio Lower Upper
104 100
78 39.4 31.7 58.9



#61
1,2,3-Trichloropropane
Concen: 0.065 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.711 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
77 597.3 27.6 41.4#
110 0.0 35.6 53.4#

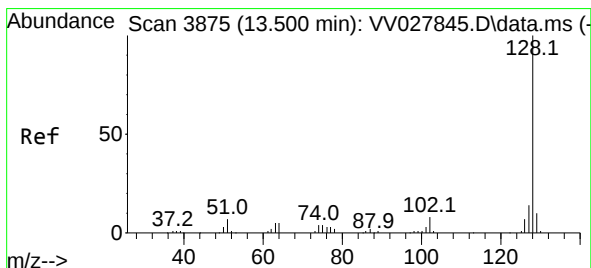
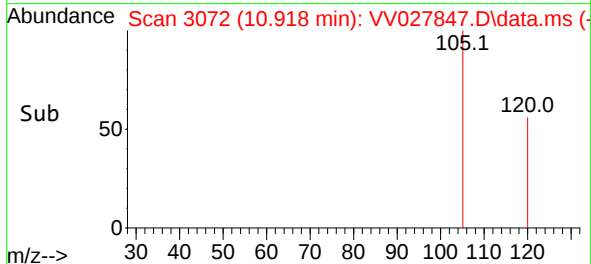
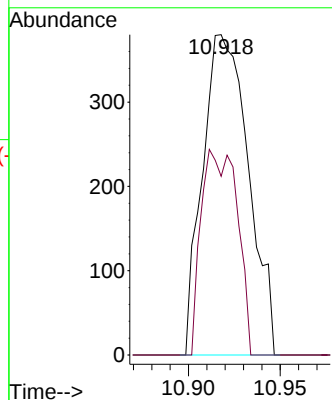
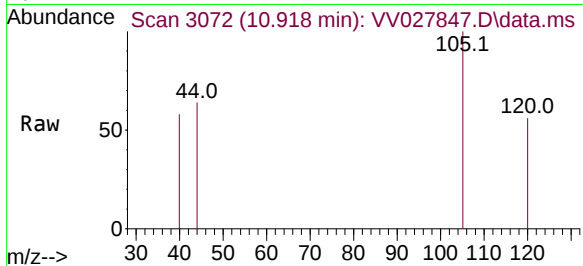




#62
1,3,5-Trimethylbenzene
Concen: 0.065 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.379 min
Lab File: VV027847.D
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Tgt Ion:105 Resp: 661
Ion Ratio Lower Upper
105 100
120 50.4 39.6 59.4



#71
Naphthalene
Concen: 0.060 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV027847.D
Acq: 15 Sep 2022 11:41

Tgt Ion:128 Resp: 1026
Ion Ratio Lower Upper
128 100
129 0.0 9.2 13.8#
127 9.9 10.6 16.0#

