

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092722\
 Data File : VV028137.D
 Acq On : 27 Sep 2022 14:15
 Operator : SY/MD
 Sample : N4820-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CB8P1

Quant Time: Sep 28 03:10:53 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	5.616	114	83801	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	82290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	46281	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	29905	3.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.561	69	28114	4.070	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	2.101	63	41784	2.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	3.876	46	156312	106.572	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	213.140%#
24) Chloroform-d	4.342	84	62394	4.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.031	65	37116	5.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
32) Benzene-d6	5.047	84	114563	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.066	67	41912	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	89869	3.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.625	79	16225	5.340	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.800%
46) 2-Hexanone-d5	8.085	63	131282	103.521	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	207.040%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47619	8.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	165.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	47711	5.256	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	1783	0.274	ug/L #	66
13) Acetone	2.162	43	25605	22.664	ug/L	97
14) Carbon disulfide	2.288	76	2918	0.263	ug/L	99
16) Methylene chloride	2.500	84	6336	0.980	ug/L	81
17) Methyl tert-butyl Ether	2.767	73	21847	1.754	ug/L	97
30) Cyclohexane	4.664	56	2884	0.394	ug/L #	92
33) Benzene	5.101	78	11321	0.495	ug/L	100
35) Methylcyclohexane	6.127	83	10474	1.343	ug/L	93
42) Toluene	7.391	91	6042	0.253	ug/L	99
51) Chlorobenzene	8.876	112	782941	48.972	ug/L	100
52) Ethylbenzene	9.014	91	1949	0.077	ug/L	99
53) m,p-Xylene	9.146	106	3924	0.406	ug/L	83
54) o-Xylene	9.545	106	3366	0.353	ug/L	88
60) Isopropylbenzene	9.931	105	36369	1.339	ug/L #	86
64) 1,3-Dichlorobenzene	11.181	146	12011	0.889	ug/L #	89
65) 1,4-Dichlorobenzene	11.271	146	28417	2.101	ug/L	96

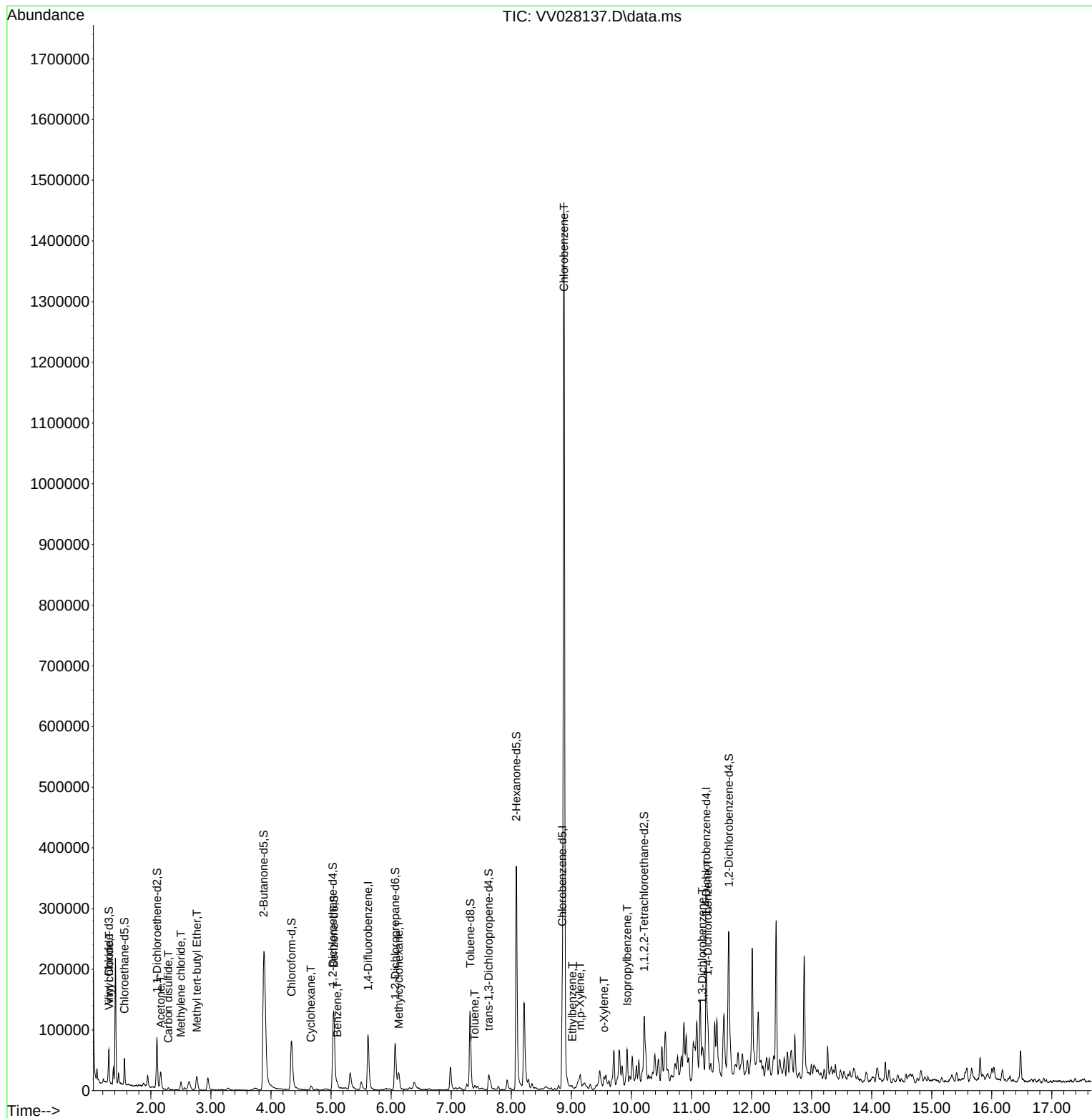
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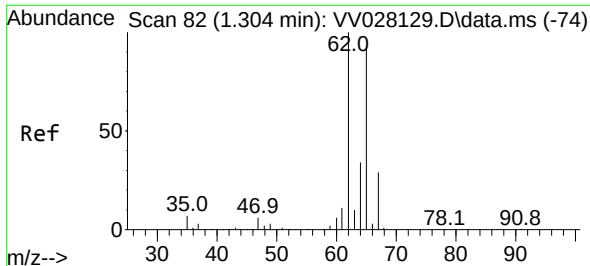
Instrument :
MSVOA_V
ClientSampleId :
CB8P1

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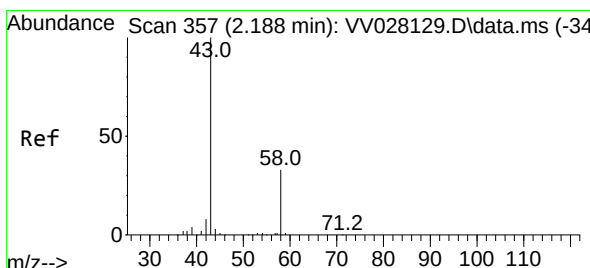
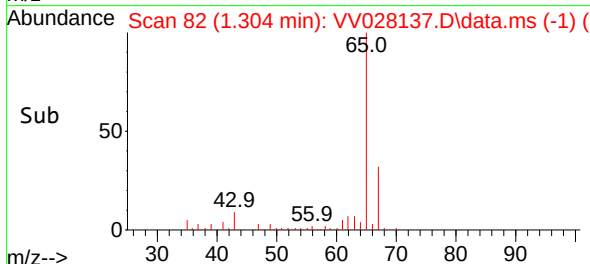
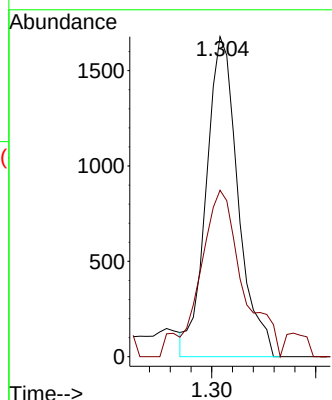
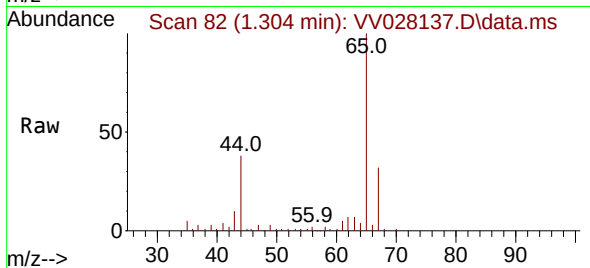




#5
 Vinyl chloride
 Concen: 0.274 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028137.D
 Acq: 27 Sep 2022 14:15

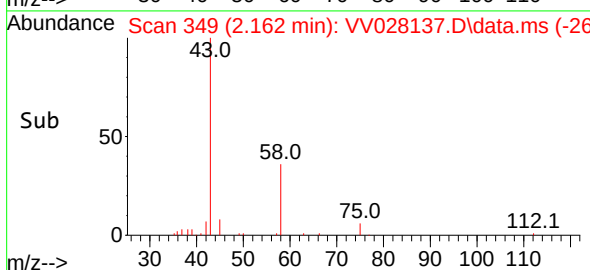
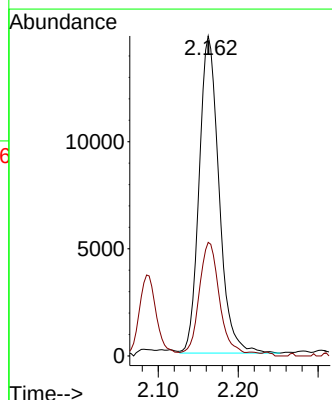
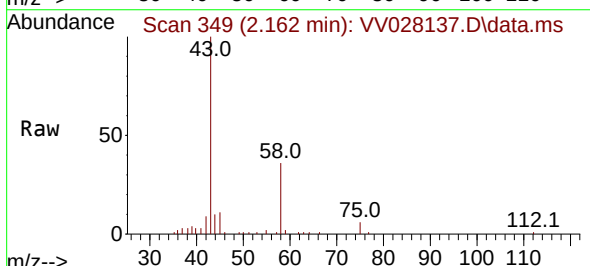
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 ClientSampleId :
 CB8P1

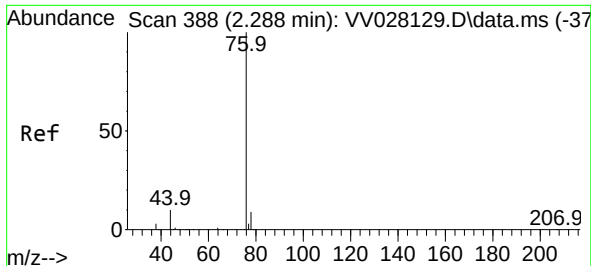
Tgt Ion: 62 Resp: 1783
 Ion Ratio Lower Upper
 62 100
 64 52.0 23.0 42.8#



#13
 Acetone
 Concen: 22.664 ug/L
 RT: 2.162 min Scan# 349
 Delta R.T. -0.026 min
 Lab File: VV028137.D
 Acq: 27 Sep 2022 14:15

Tgt Ion: 43 Resp: 25605
 Ion Ratio Lower Upper
 43 100
 58 34.7 0.0 65.6

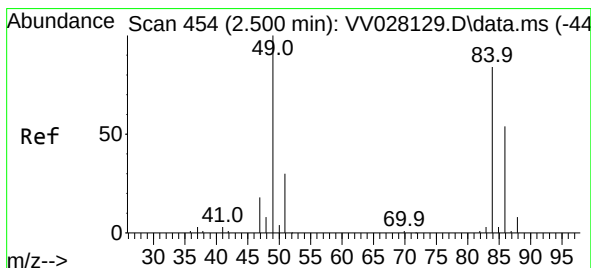
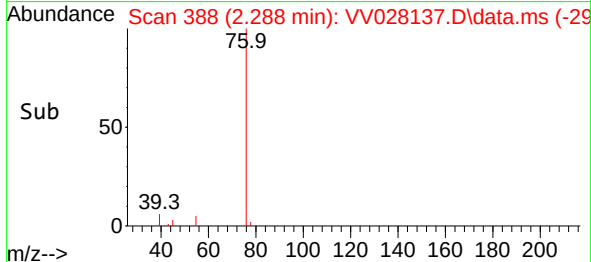
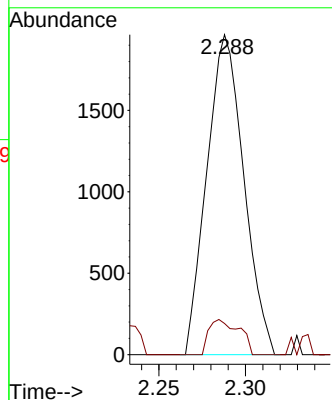
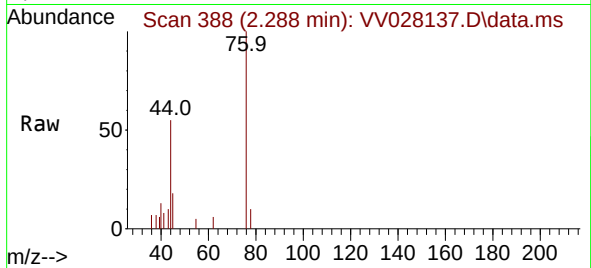




#14
Carbon disulfide
Concen: 0.263 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

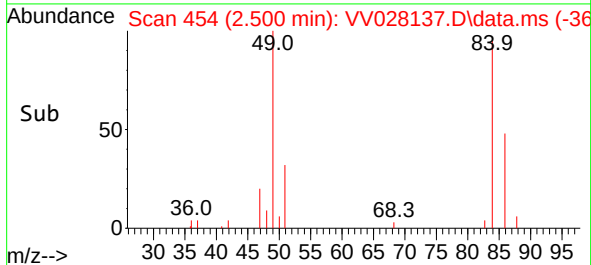
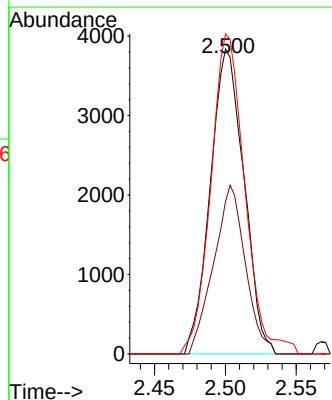
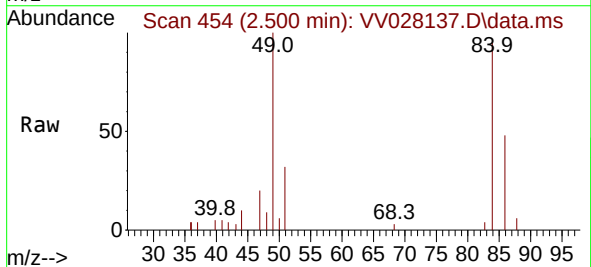
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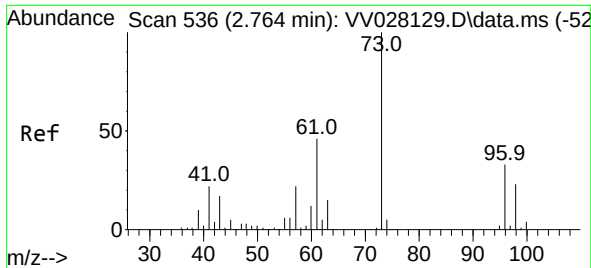
Tgt Ion: 76 Resp: 2918
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4



#16
Methylene chloride
Concen: 0.980 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

Tgt Ion: 84 Resp: 6336
Ion Ratio Lower Upper
84 100
86 50.0 46.8 86.8
49 105.0 87.5 162.5

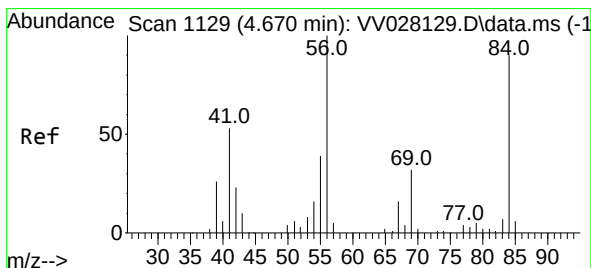
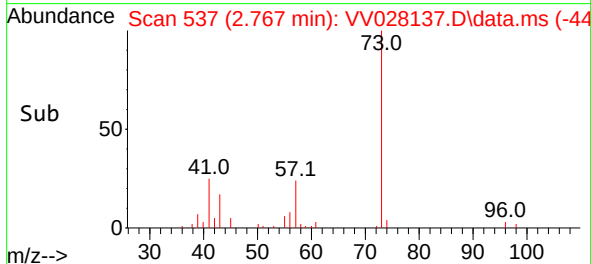
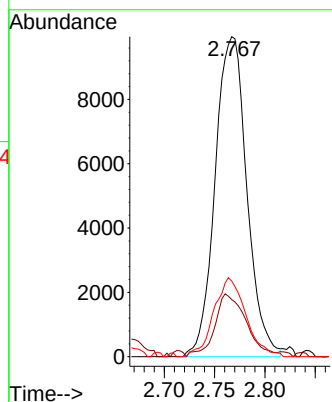
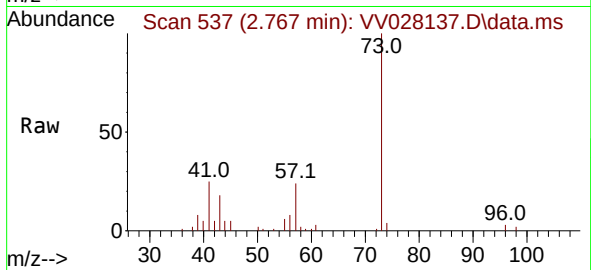




#17
Methyl tert-butyl Ether
Concen: 1.754 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

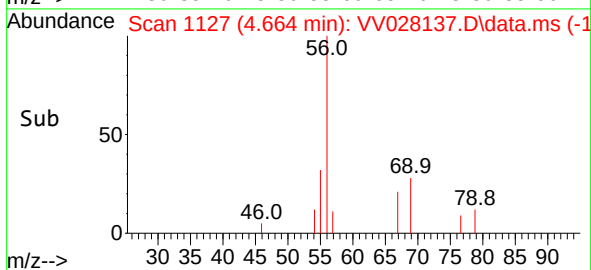
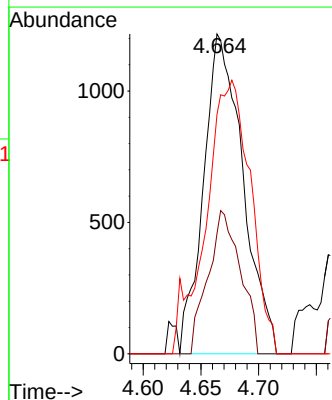
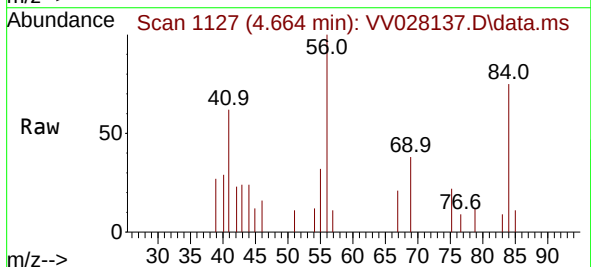
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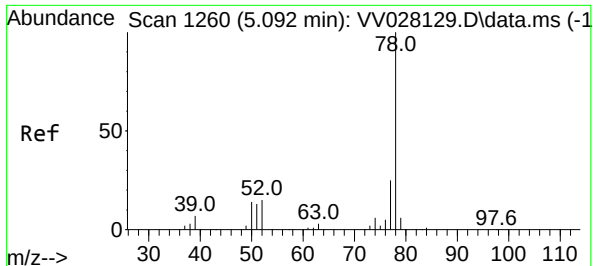
Tgt Ion: 73 Resp: 21847
Ion Ratio Lower Upper
73 100
43 19.4 15.7 23.5
57 24.9 17.8 26.8



#30
Cyclohexane
Concen: 0.394 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

Tgt Ion: 56 Resp: 2884
Ion Ratio Lower Upper
56 100
69 37.0 23.7 35.5#
84 89.9 67.3 100.9

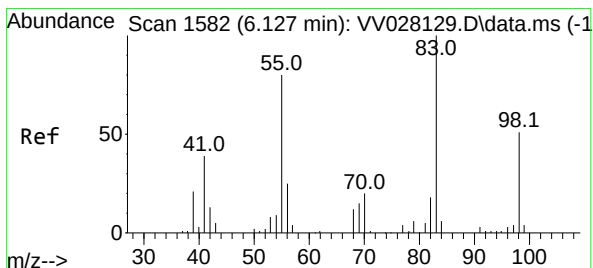
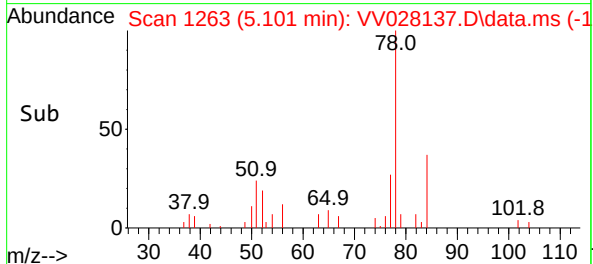
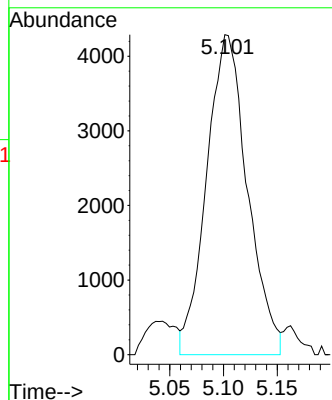
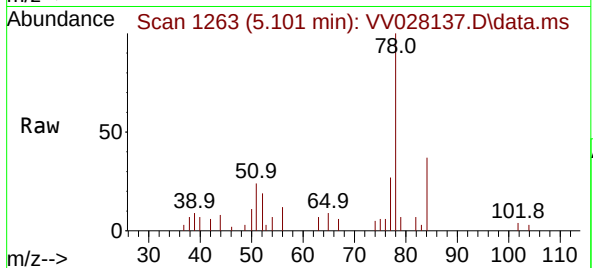




#33
Benzene
Concen: 0.495 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

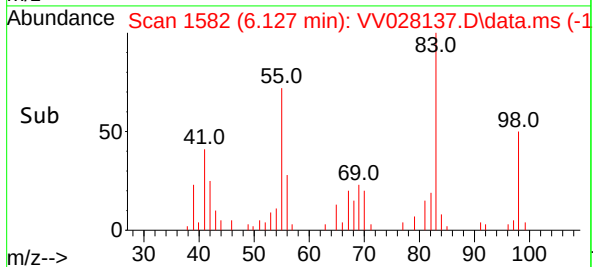
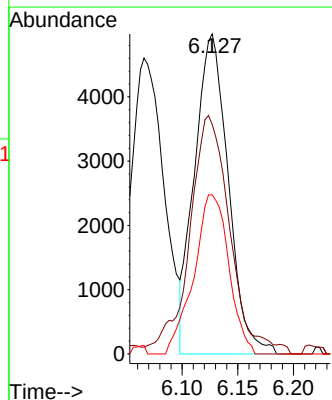
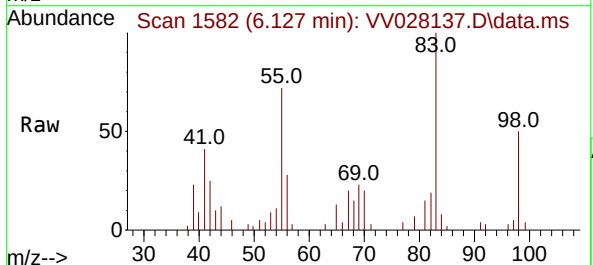
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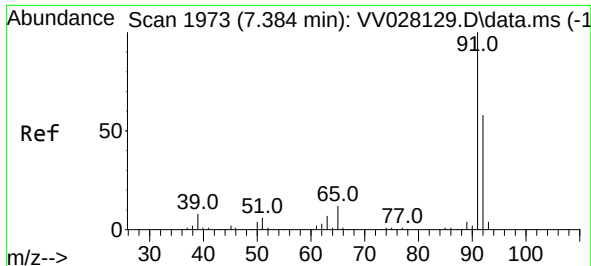
Tgt Ion: 78 Resp: 11321



#35
Methylcyclohexane
Concen: 1.343 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

Tgt Ion: 83 Resp: 10474
Ion Ratio Lower Upper
83 100
55 89.0 64.7 97.1
98 51.6 39.5 59.3





#42

Toluene

Concen: 0.253 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV028137.D

Acq: 27 Sep 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

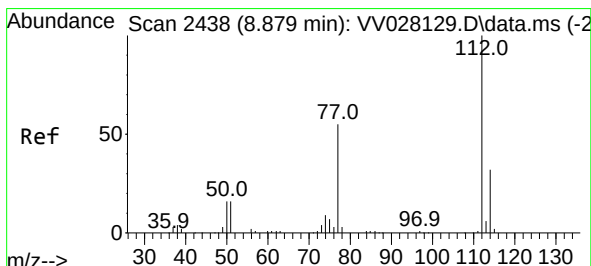
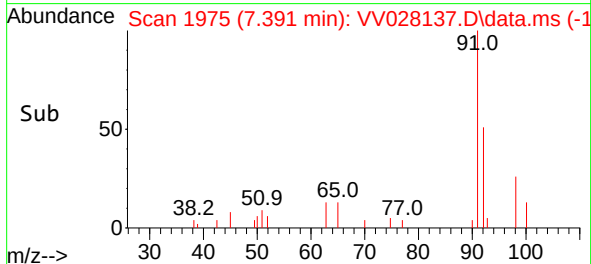
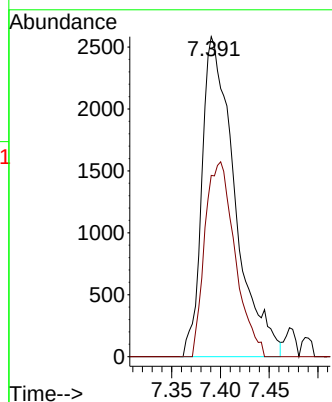
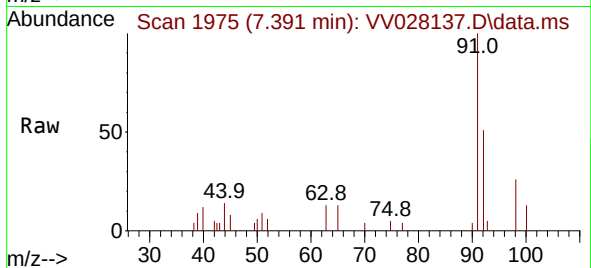
CB8P1

Tgt Ion: 91 Resp: 6042

Ion Ratio Lower Upper

91 100

92 56.7 40.2 74.6



#51

Chlorobenzene

Concen: 48.972 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028137.D

Acq: 27 Sep 2022 14:15

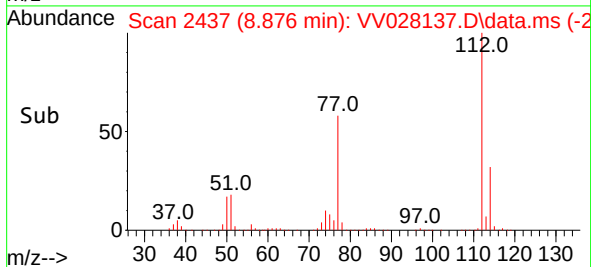
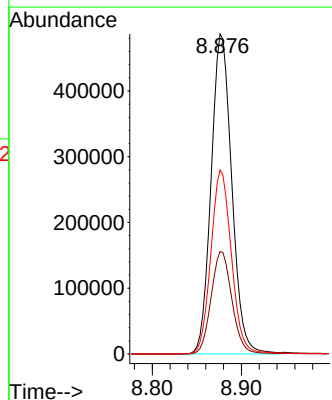
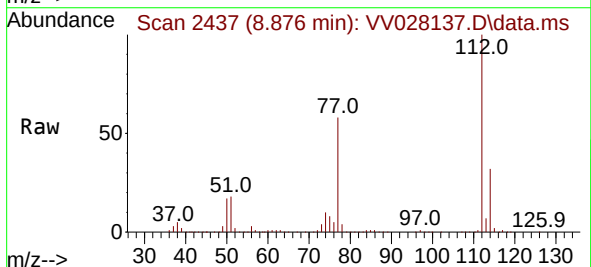
Tgt Ion: 112 Resp: 782941

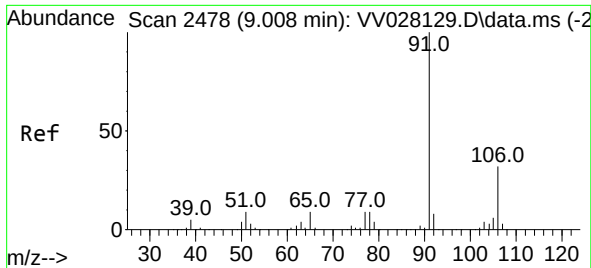
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 57.5 46.1 69.1

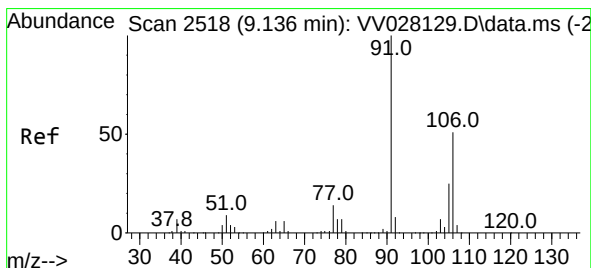
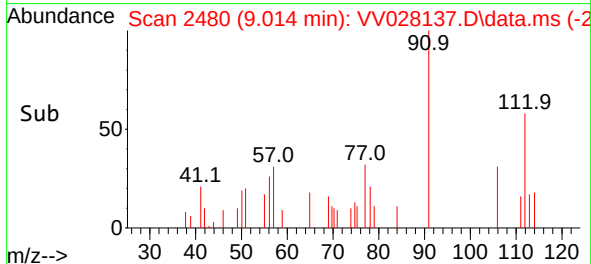
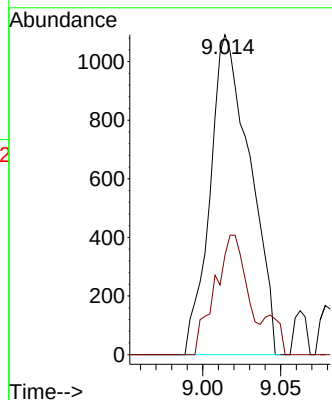
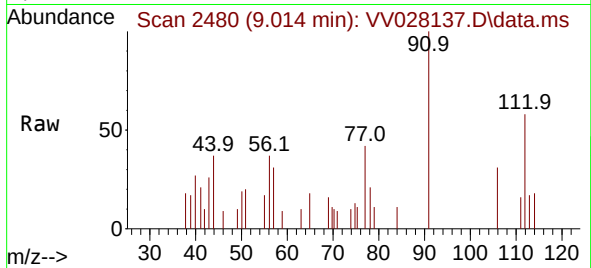




#52
Ethylbenzene
Concen: 0.077 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
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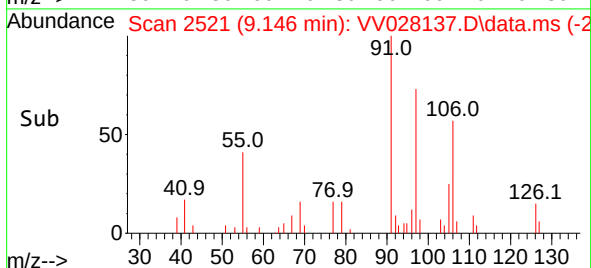
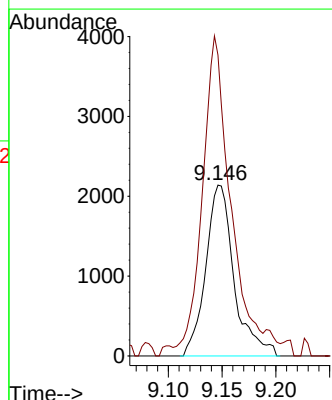
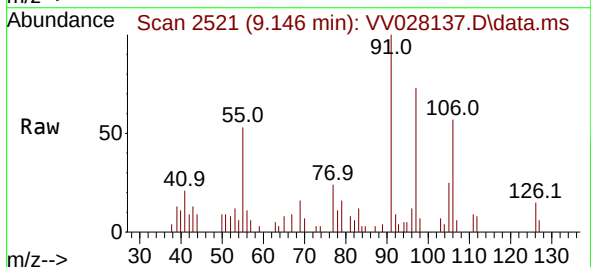
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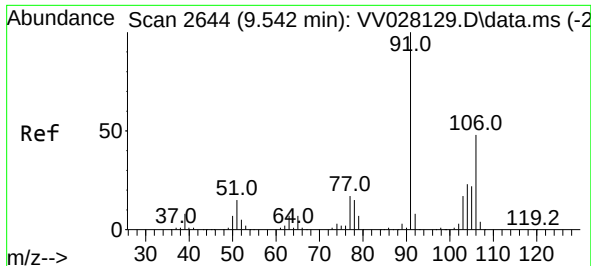
Tgt Ion: 91 Resp: 1949
Ion Ratio Lower Upper
91 100
106 31.1 21.5 39.9



#53
m,p-Xylene
Concen: 0.406 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

Tgt Ion: 106 Resp: 3924
Ion Ratio Lower Upper
106 100
91 176.1 141.9 263.5

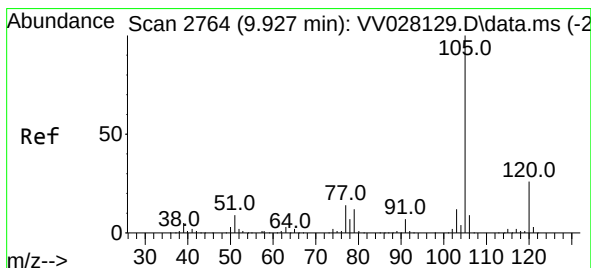
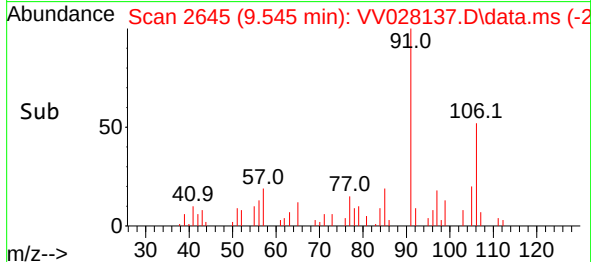
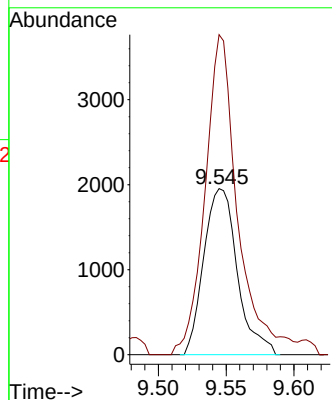
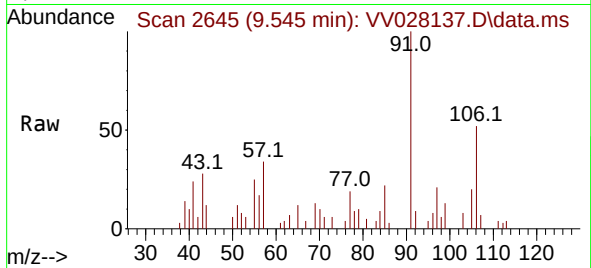




#54
o-Xylene
Concen: 0.353 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

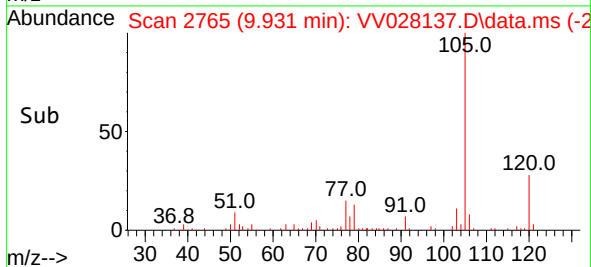
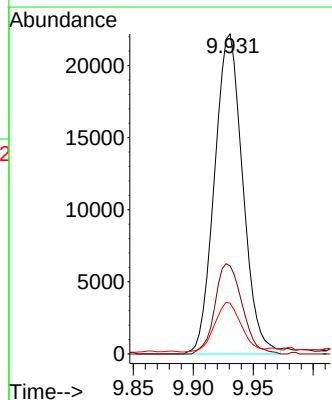
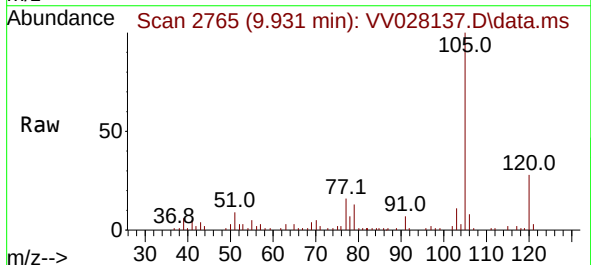
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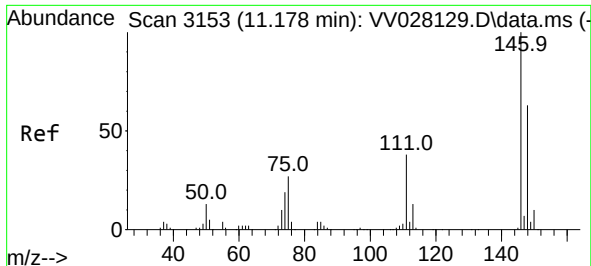
Tgt Ion:106 Resp: 3366
Ion Ratio Lower Upper
106 100
91 192.7 148.1 275.0



#60
Isopropylbenzene
Concen: 1.339 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

Tgt Ion:105 Resp: 36369
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 0.0 12.2 18.4

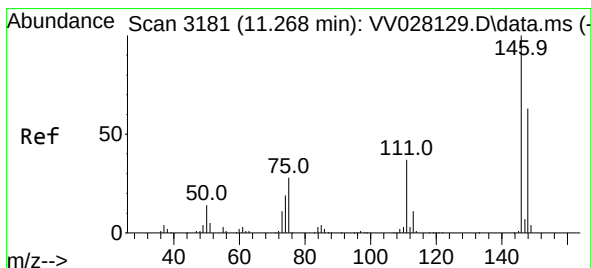
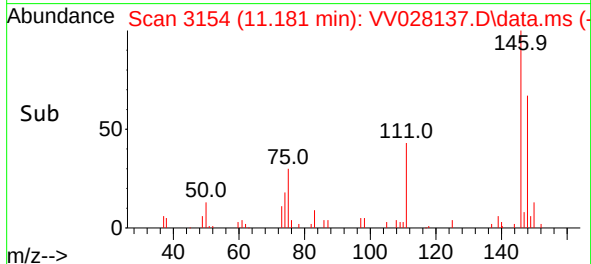
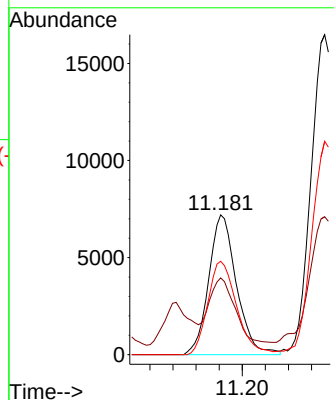
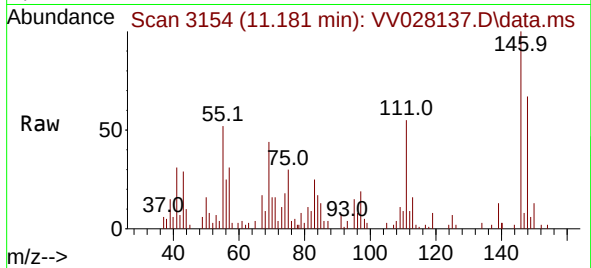




#64
1,3-Dichlorobenzene
Concen: 0.889 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

Instrument :
MSVOA_V
ClientSampleId :
CB8P1

Tgt Ion:146 Resp: 12011
Ion Ratio Lower Upper
146 100
111 54.9 27.1 50.3#
148 66.8 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 2.101 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028137.D
Acq: 27 Sep 2022 14:15

Tgt Ion:146 Resp: 28417
Ion Ratio Lower Upper
146 100
111 43.1 26.2 48.8
148 66.7 45.8 85.2

