

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100322\
 Data File : VV028286.D
 Acq On : 03 Oct 2022 18:23
 Operator : SY/MD
 Sample : N4856-11DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H36DL

Quant Time: Oct 04 02:46:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

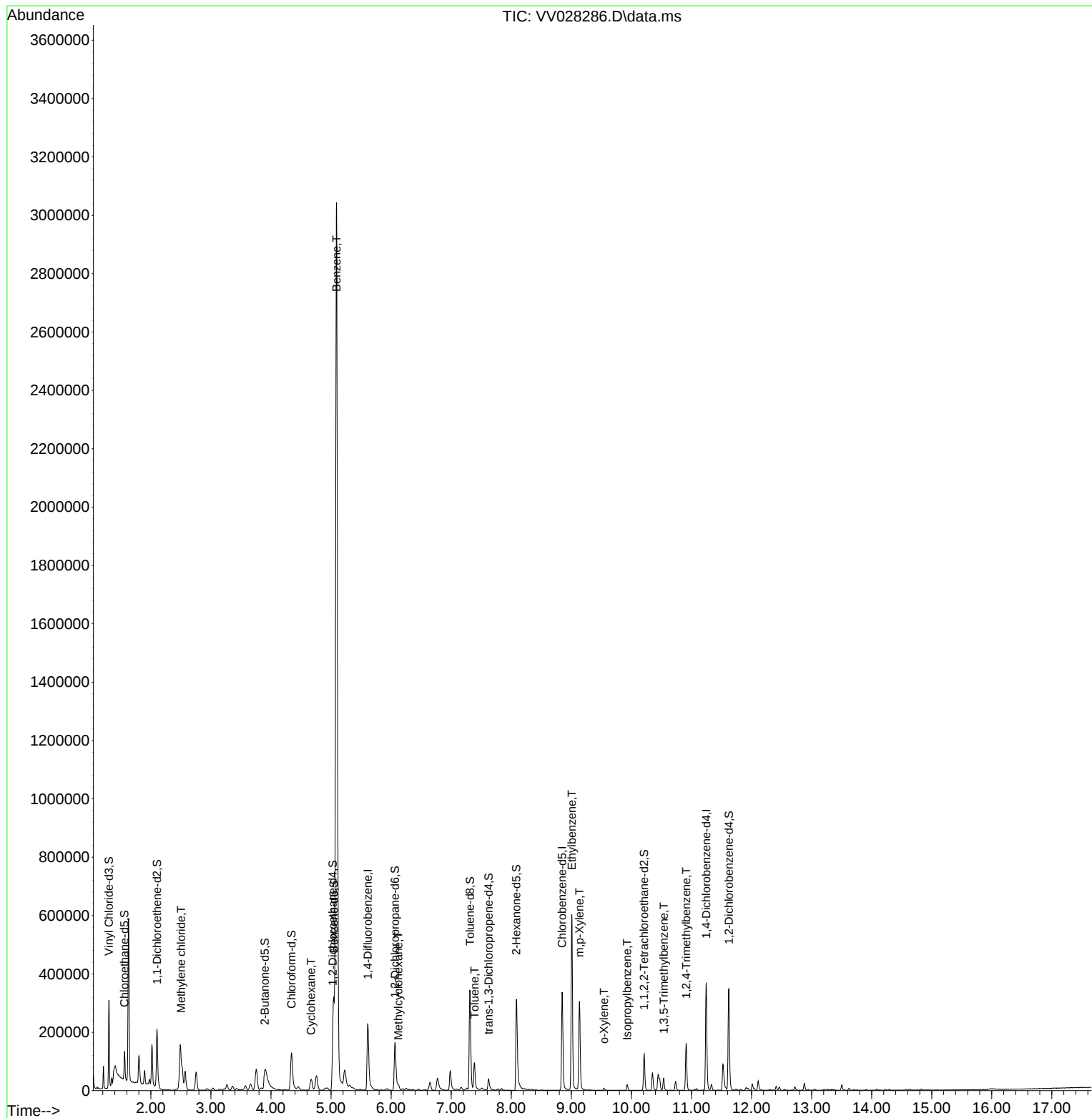
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	210734	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	202974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	104679	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	69534	4.391	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.561	69	60660	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.101	63	100299	3.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.899	46	141130	52.678	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.360%
24) Chloroform-d	4.342	84	138798	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.027	65	66424	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.043	84	287880	5.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.063	67	85627	5.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.313	98	243333	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.622	79	25567	4.203	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.085	63	125871	50.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61296	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	92688	5.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.503	84	11103	0.653	ug/L #	78
30) Cyclohexane	4.667	56	18702	0.867	ug/L	91
33) Benzene	5.092	78	3134436	51.873	ug/L	100
35) Methylcyclohexane	6.120	83	5936	0.240	ug/L #	81
42) Toluene	7.387	91	72976	1.148	ug/L	98
52) Ethylbenzene	9.008	91	417402	6.247	ug/L	98
53) m,p-Xylene	9.136	106	91516	3.436	ug/L	93
54) o-Xylene	9.545	106	2090	0.083	ug/L	71
60) Isopropylbenzene	9.931	105	12307	0.192	ug/L	94
62) 1,3,5-Trimethylbenzene	10.538	105	21255	1.168	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	86767	1.682	ug/L	96

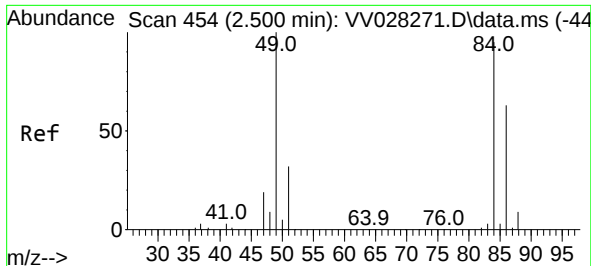
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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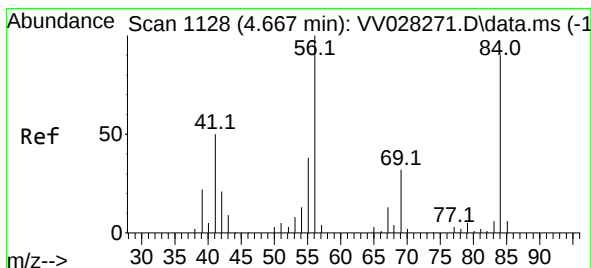
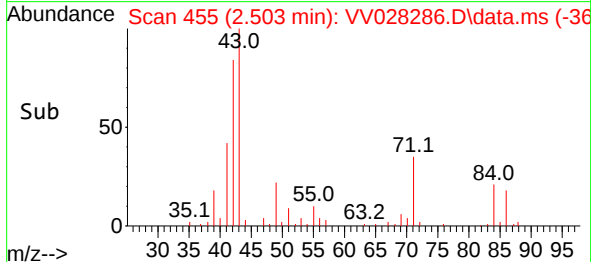
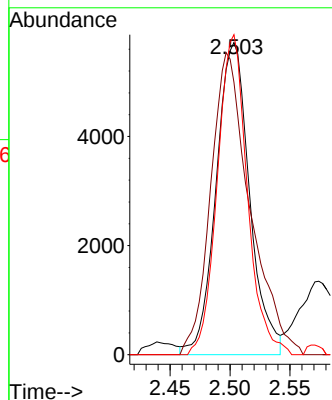
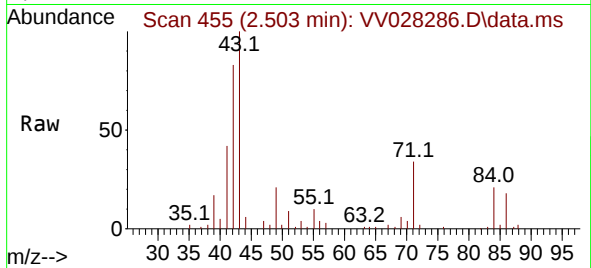




#16
Methylene chloride
Concen: 0.653 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV028286.D
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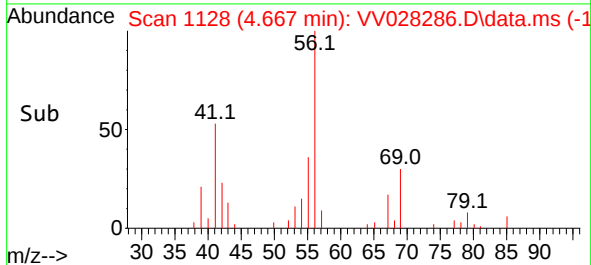
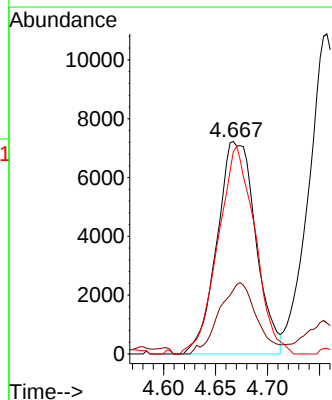
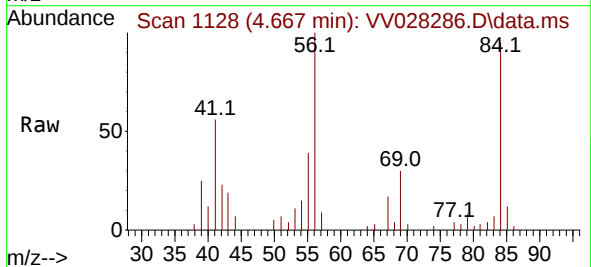
Instrument :
MSVOA_V
ClientSampleId :
F5H36DL

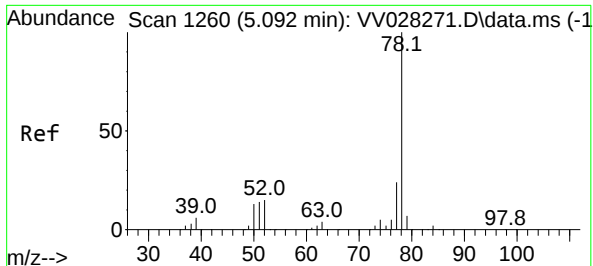
Tgt Ion: 84 Resp: 11103
Ion Ratio Lower Upper
84 100
86 87.2 46.8 86.8#
49 102.5 87.5 162.5



#30
Cyclohexane
Concen: 0.867 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028286.D
Acq: 03 Oct 2022 18:23

Tgt Ion: 56 Resp: 18702
Ion Ratio Lower Upper
56 100
69 32.3 23.7 35.5
84 93.2 67.3 100.9

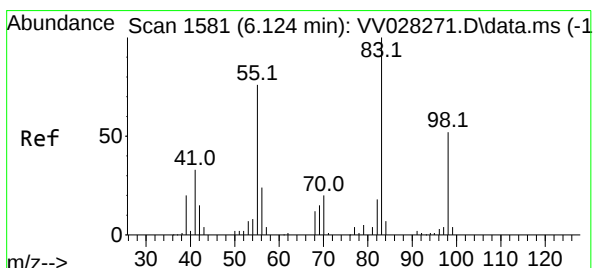
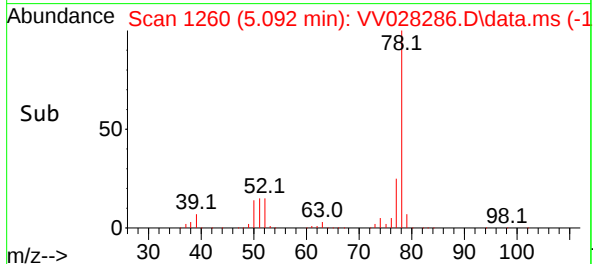
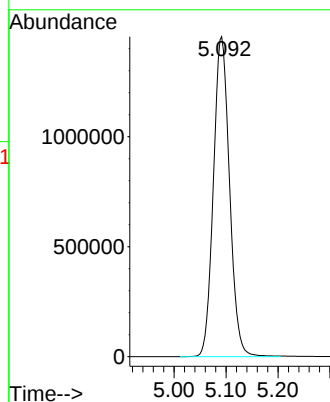
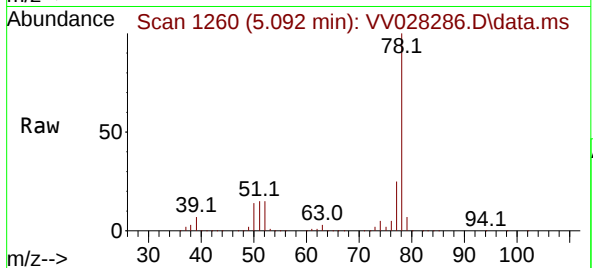




#33
Benzene
Concen: 51.873 ug/L
RT: 5.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV028286.D
Acq: 03 Oct 2022 18:23

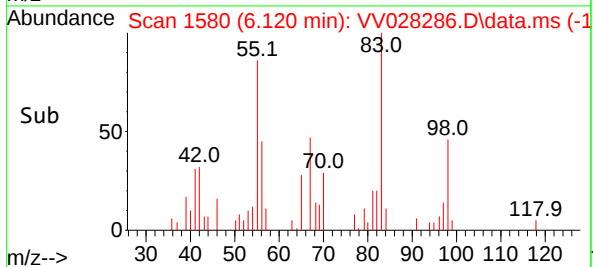
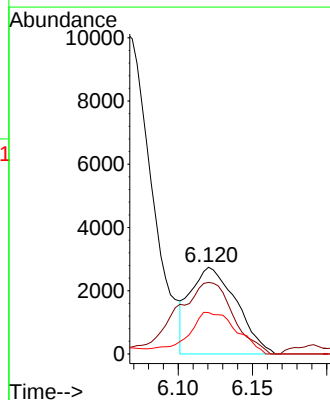
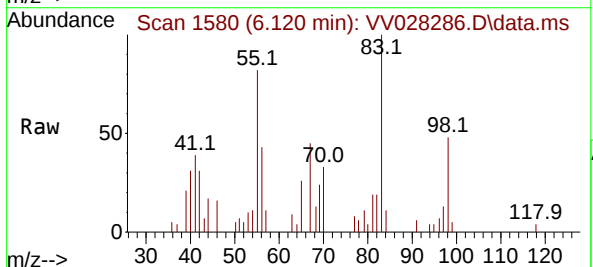
Instrument :
MSVOA_V
ClientSampleId :
F5H36DL

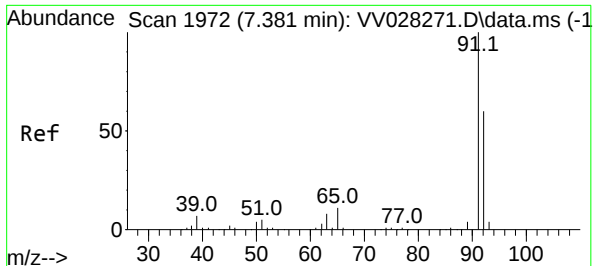
Tgt Ion: 78 Resp: 3134436



#35
Methylcyclohexane
Concen: 0.240 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV028286.D
Acq: 03 Oct 2022 18:23

Tgt Ion: 83 Resp: 5936
Ion Ratio Lower Upper
83 100
55 106.8 64.7 97.1#
98 51.0 39.5 59.3





#42

Toluene

Concen: 1.148 ug/L

RT: 7.387 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028286.D

Acq: 03 Oct 2022 18:23

Instrument :

MSVOA_V

ClientSampleId :

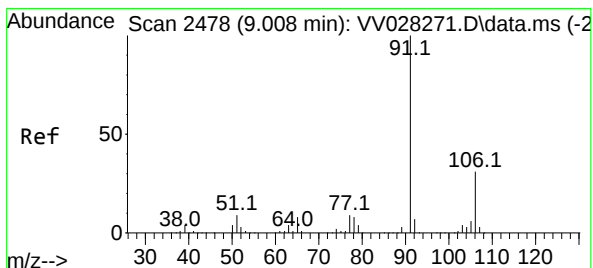
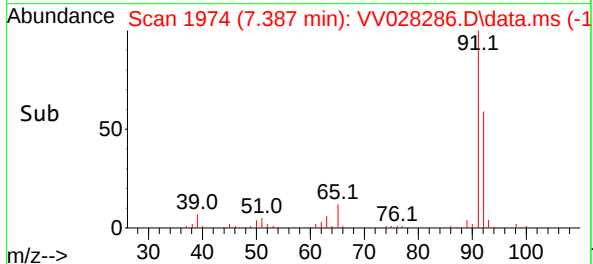
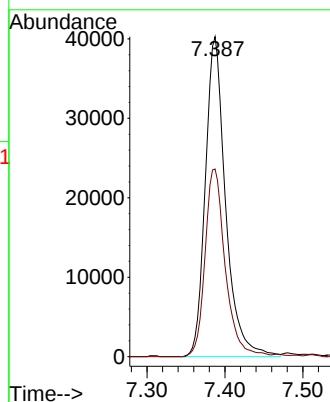
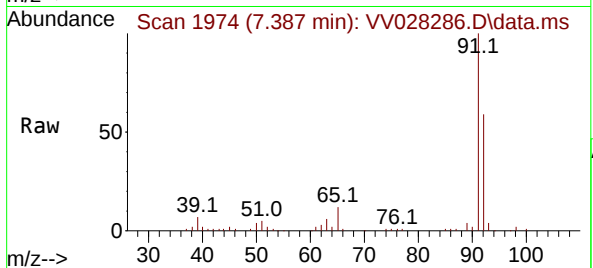
F5H36DL

Tgt Ion: 91 Resp: 72976

Ion Ratio Lower Upper

91 100

92 58.6 40.2 74.6



#52

Ethylbenzene

Concen: 6.247 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV028286.D

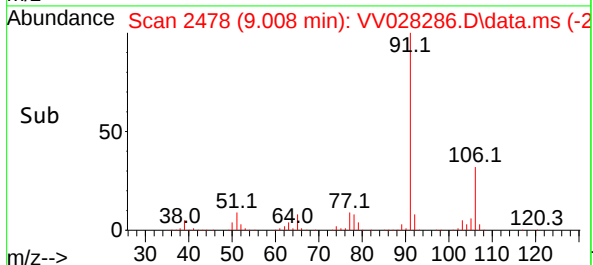
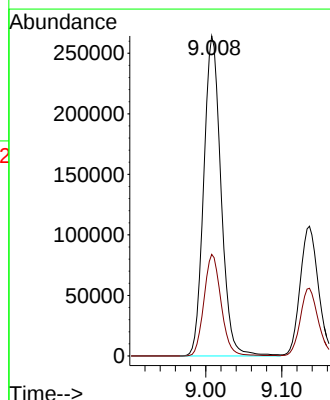
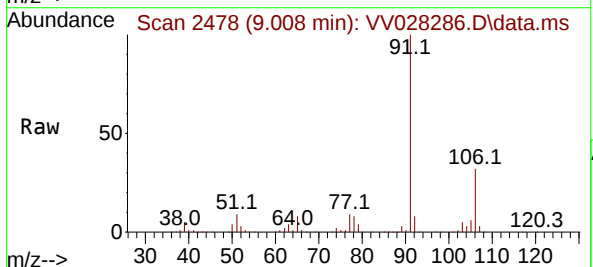
Acq: 03 Oct 2022 18:23

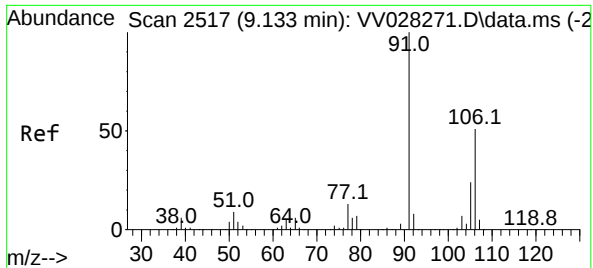
Tgt Ion: 91 Resp: 417402

Ion Ratio Lower Upper

91 100

106 31.7 21.5 39.9

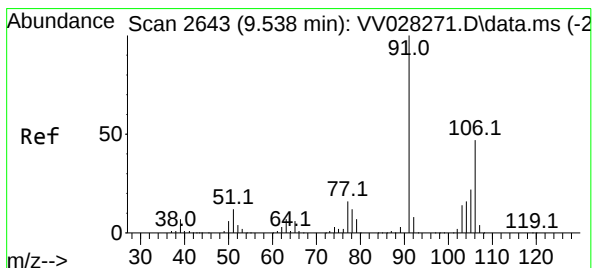
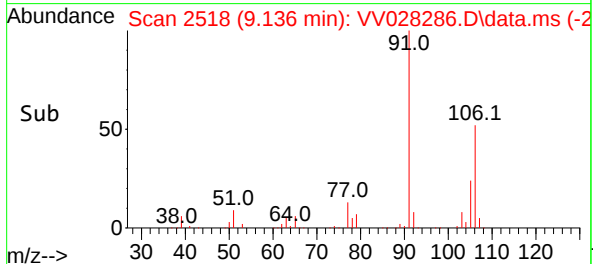
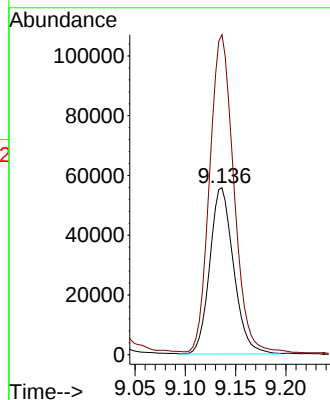
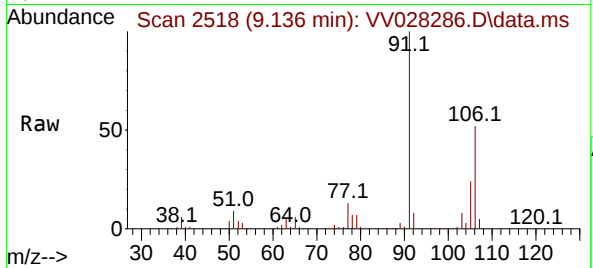




#53
m,p-Xylene
Concen: 3.436 ug/L
RT: 9.136 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028286.D
Acq: 03 Oct 2022 18:23

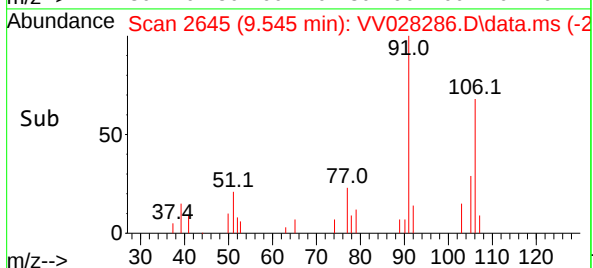
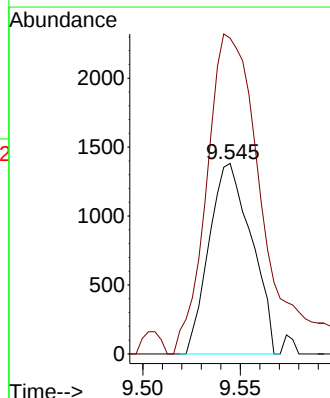
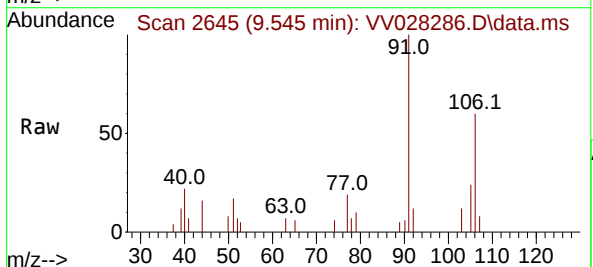
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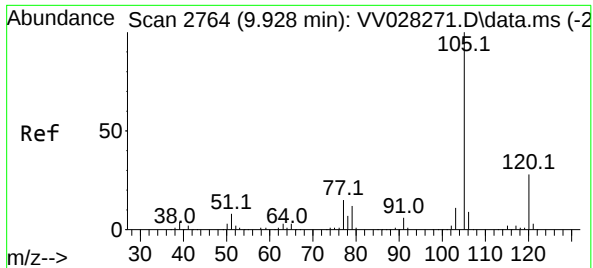
Tgt Ion:106 Resp: 91516
Ion Ratio Lower Upper
106 100
91 191.7 141.9 263.5



#54
o-Xylene
Concen: 0.083 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV028286.D
Acq: 03 Oct 2022 18:23

Tgt Ion:106 Resp: 2090
Ion Ratio Lower Upper
106 100
91 165.8 148.1 275.0

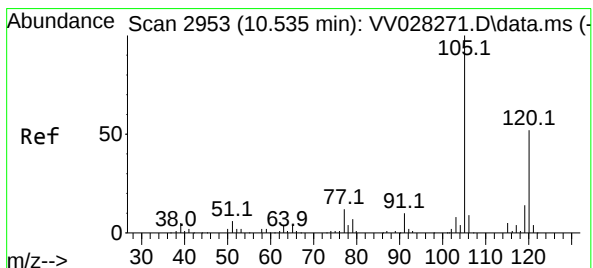
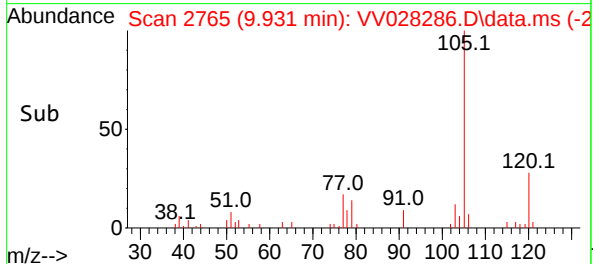
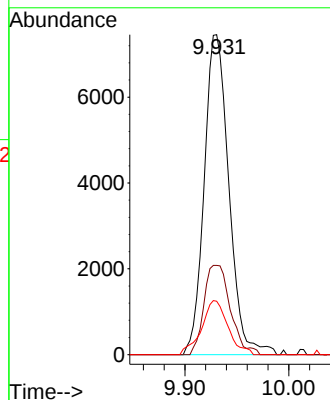
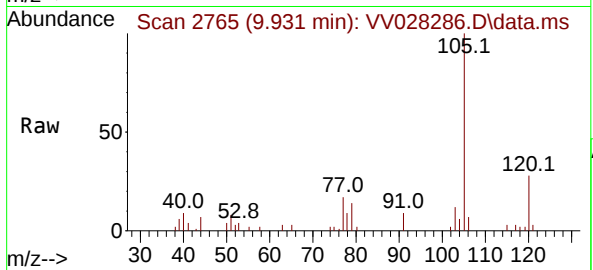




#60
Isopropylbenzene
Concen: 0.192 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028286.D
Acq: 03 Oct 2022 18:23

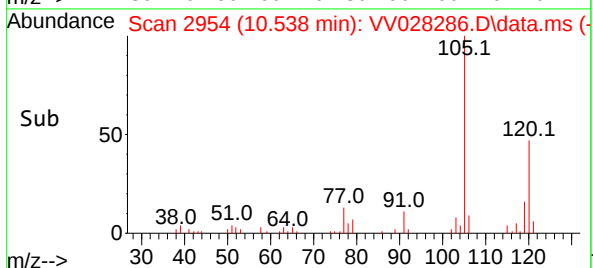
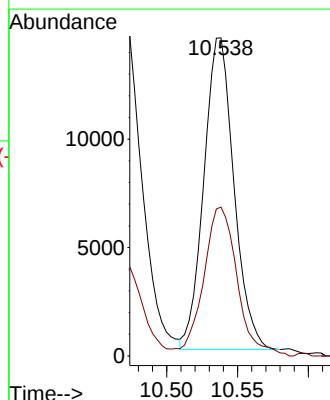
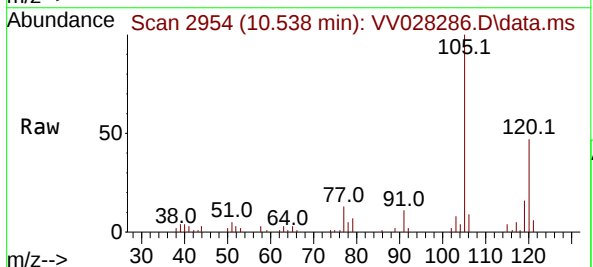
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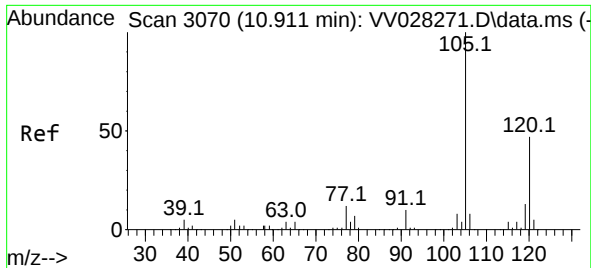
Tgt Ion:105 Resp: 12307
Ion Ratio Lower Upper
105 100
120 29.7 21.4 32.0
77 18.0 12.2 18.4



#62
1,3,5-Trimethylbenzene
Concen: 1.168 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV028286.D
Acq: 03 Oct 2022 18:23

Tgt Ion:105 Resp: 21255
Ion Ratio Lower Upper
105 100
120 53.6 40.6 61.0





#63
 1,2,4-Trimethylbenzene
 Concen: 1.682 ug/L
 RT: 10.911 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV028286.D
 Acq: 03 Oct 2022 18:23

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H36DL

Tgt Ion:105 Resp: 86767
 Ion Ratio Lower Upper
 105 100
 120 49.7 37.8 56.8

