

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037627.D
 Acq On : 27 Sep 2024 23:10
 Operator : SY/MD
 Sample : P4185-04DL 100X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY078DL

Quant Time: Sep 28 04:21:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

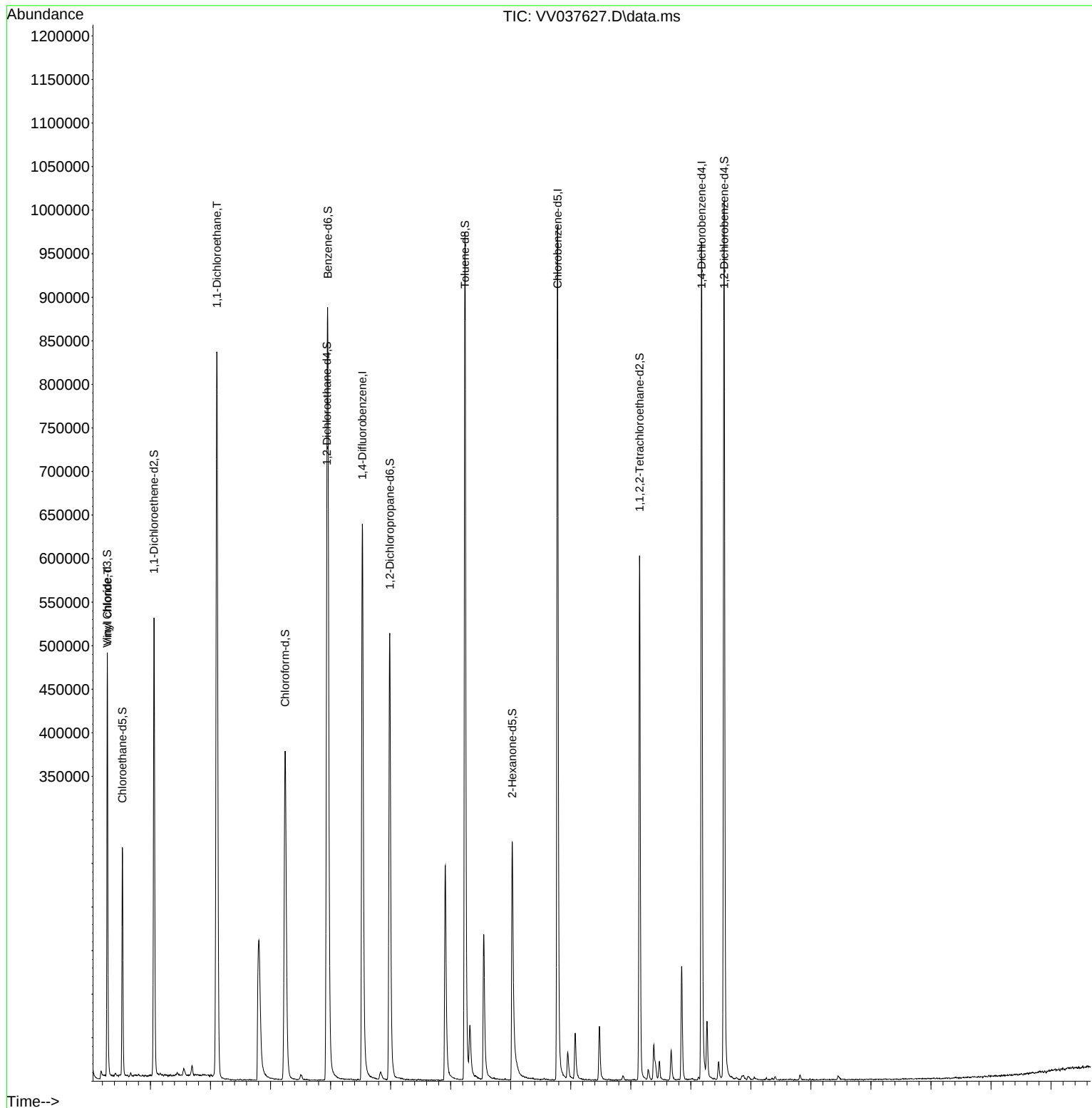
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	577206	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	549574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	256667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196650	38.810	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.620%		
7) Chloroethane-d5	1.532	69	171163	43.519	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.040%		
11) 1,1-Dichloroethene-d2	2.060	65	88576	41.842	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.680%		
21) 2-Butanone-d5	3.796	46	164986	91.418	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.420%		
24) Chloroform-d	4.243	84	410771	45.567	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.140%		
26) 1,2-Dichloroethane-d4	4.937	65	245471	46.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.040%		
32) Benzene-d6	4.953	84	781985	45.472	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.940%		
36) 1,2-Dichloropropane-d6	5.985	67	257870	47.090	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.180%		
41) Toluene-d8	7.239	98	670251	42.981	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.960%		
43) trans-1,3-Dichloroprop...	7.551	79	105668	41.538	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.080%		
47) 2-Hexanone-d5	8.024	63	95479	82.571	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.570%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	291235	45.771	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.540%		
66) 1,2-Dichlorobenzene-d4	11.554	152	263040	48.635	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.260%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	134967	26.390	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	3824	0.941	ug/L	95
19) 1,1-Dichloroethane	3.105	63	835659	107.288	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	49719	10.929	ug/L	97
42) Toluene	7.320	91	50230	2.923	ug/L	95
52) Ethylbenzene	8.950	91	22627	1.170	ug/L	97
53) m,p-Xylene	9.075	106	15911	2.210	ug/L	91
54) o-Xylene	9.477	106	18521	2.635	ug/L	100
62) 1,3,5-Trimethylbenzene	10.477	105	12485	0.946	ug/L	97
63) 1,2,4-Trimethylbenzene	10.847	105	74541	5.679	ug/L	99

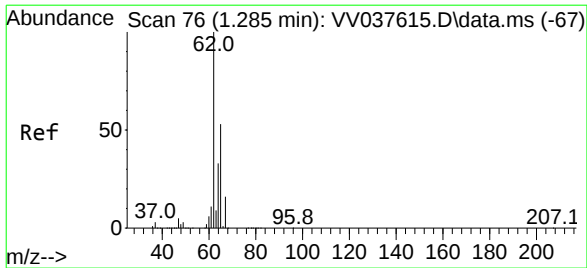
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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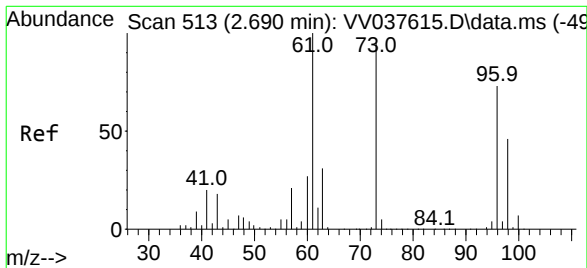
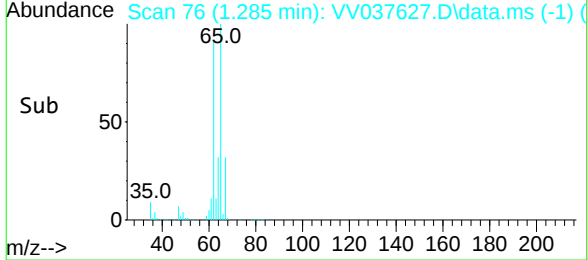
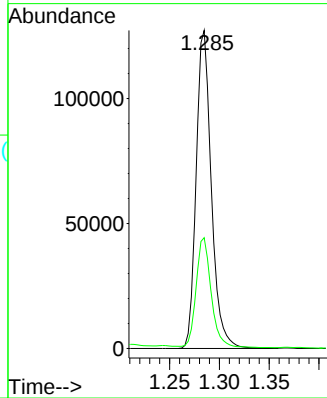
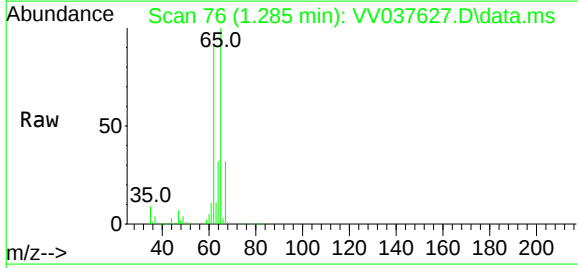




#5
 Vinyl chloride
 Concen: 26.390 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037627.D
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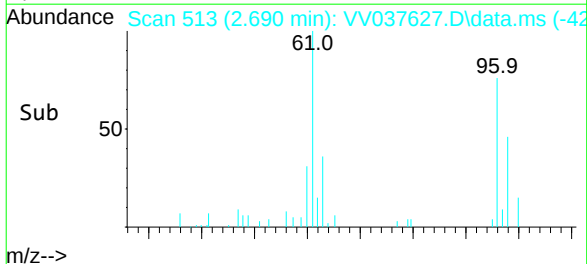
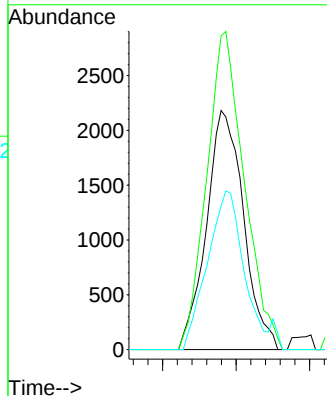
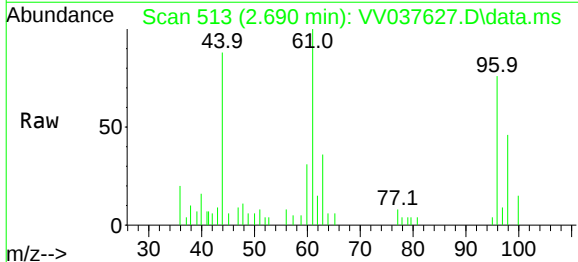
Instrument :
 MSVOA_V
 ClientSampleId :
 EY078DL

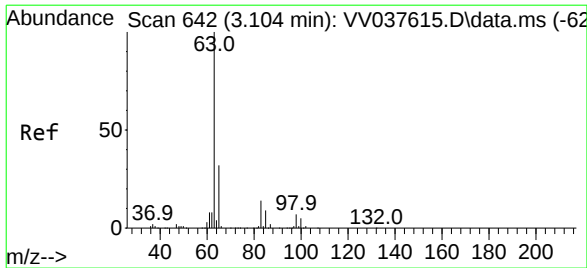
Tgt Ion: 62 Resp: 134967
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.2 43.0



#17
 trans-1,2-Dichloroethene
 Concen: 0.941 ug/L
 RT: 2.690 min Scan# 513
 Delta R.T. 0.000 min
 Lab File: VV037627.D
 Acq: 27 Sep 2024 23:10

Tgt Ion: 96 Resp: 3824
 Ion Ratio Lower Upper
 96 100
 61 131.3 97.3 180.7
 98 60.1 43.9 81.5

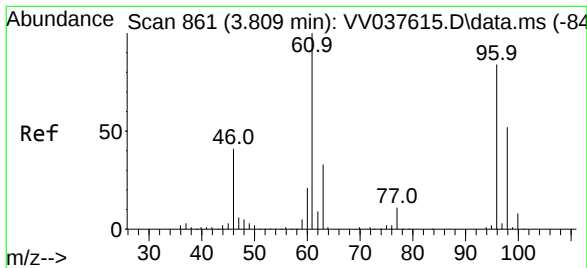
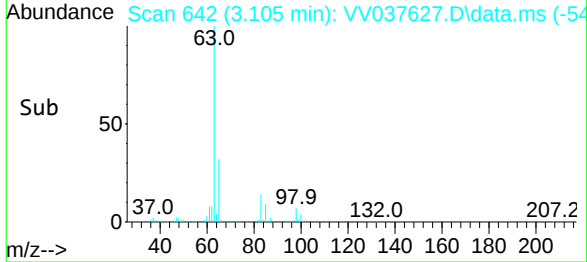
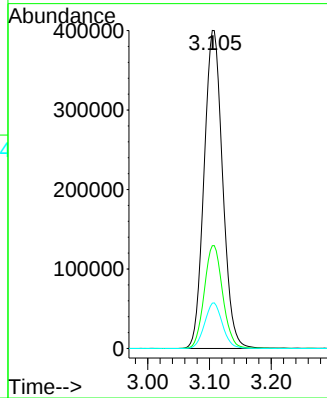
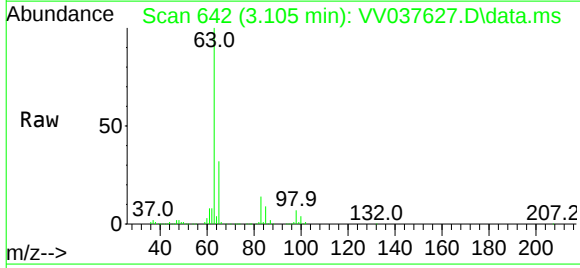




#19
 1,1-Dichloroethane
 Concen: 107.288 ug/L
 RT: 3.105 min Scan# 642
 Delta R.T. 0.000 min
 Lab File: VV037627.D
 Acq: 27 Sep 2024 23:10

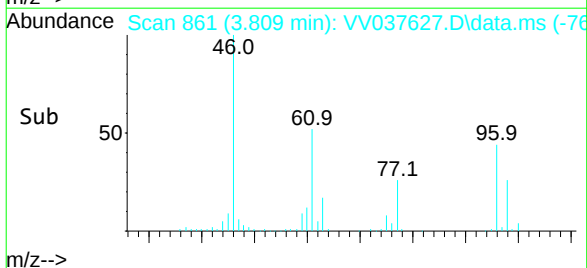
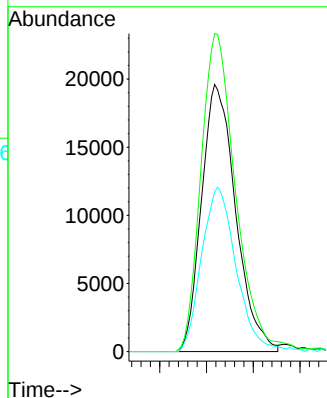
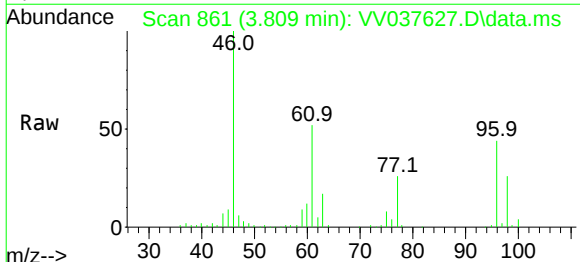
Instrument :
 MSVOA_V
 ClientSampleId :
 EY078DL

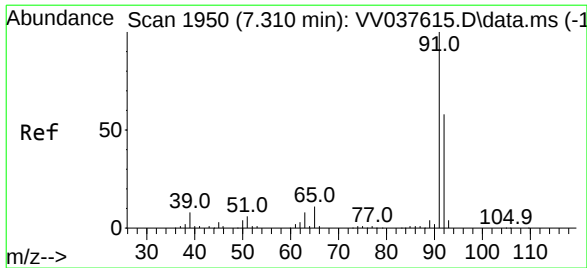
Tgt Ion:	63	Resp:	835659
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.4	41.6
83	14.3	9.5	17.7



#20
 cis-1,2-Dichloroethene
 Concen: 10.929 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. 0.000 min
 Lab File: VV037627.D
 Acq: 27 Sep 2024 23:10

Tgt Ion:	96	Resp:	49719
Ion	Ratio	Lower	Upper
96	100		
61	119.1	85.0	157.8
98	59.8	44.2	82.0





#42

Toluene

Concen: 2.923 ug/L

RT: 7.320 min Scan# 19

Delta R.T. 0.010 min

Lab File: VV037627.D

Acq: 27 Sep 2024 23:10

Instrument :

MSVOA_V

ClientSampleId :

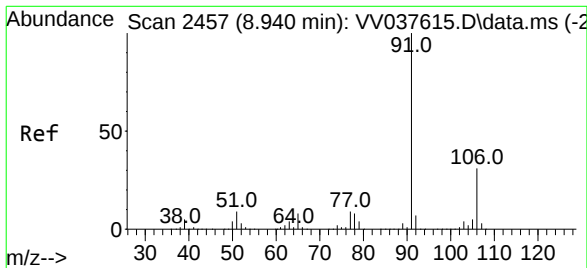
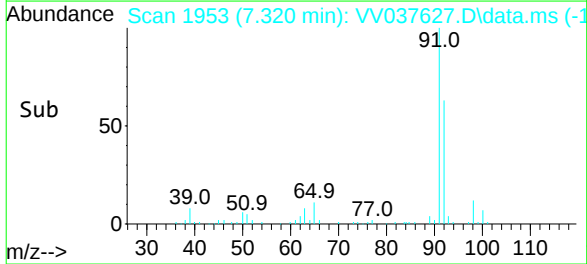
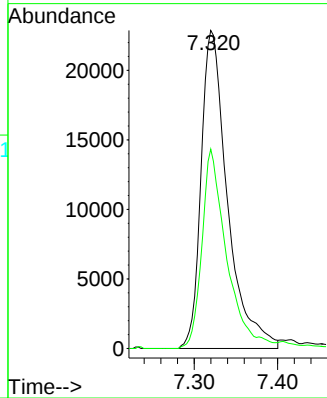
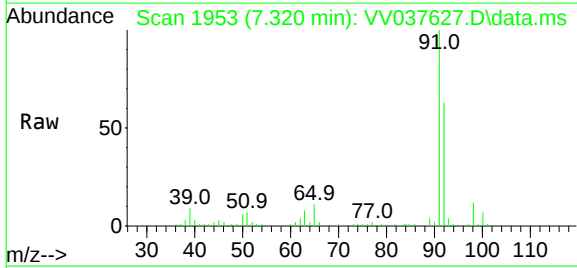
EY078DL

Tgt Ion: 91 Resp: 50230

Ion Ratio Lower Upper

91 100

92 62.7 41.1 76.3



#52

Ethylbenzene

Concen: 1.170 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.010 min

Lab File: VV037627.D

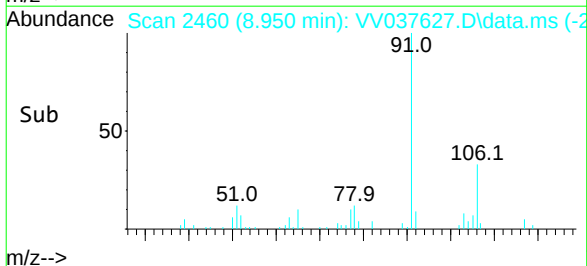
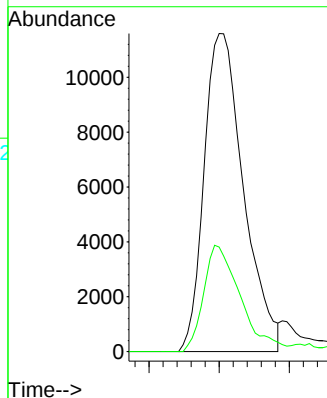
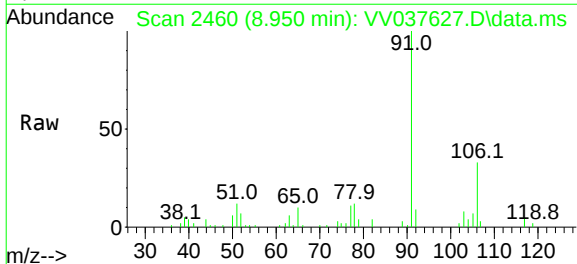
Acq: 27 Sep 2024 23:10

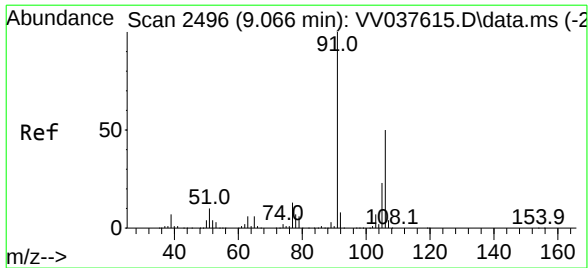
Tgt Ion: 91 Resp: 22627

Ion Ratio Lower Upper

91 100

106 32.9 21.9 40.7

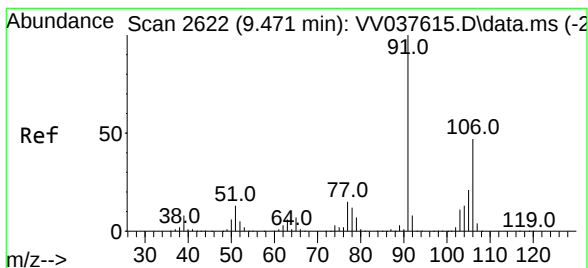
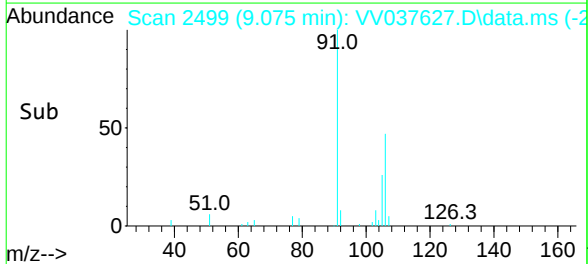
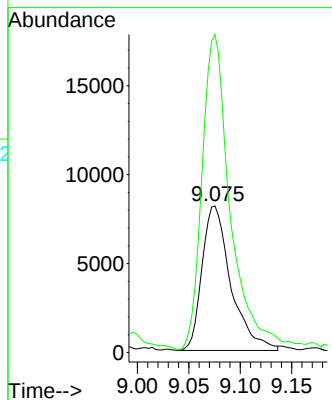
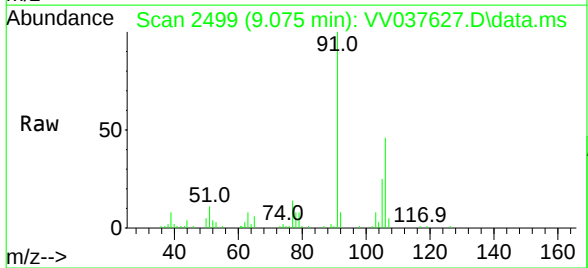




#53
m,p-Xylene
Concen: 2.210 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.010 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

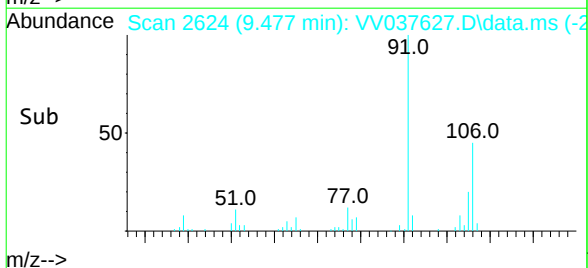
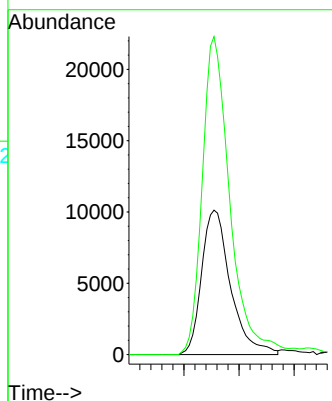
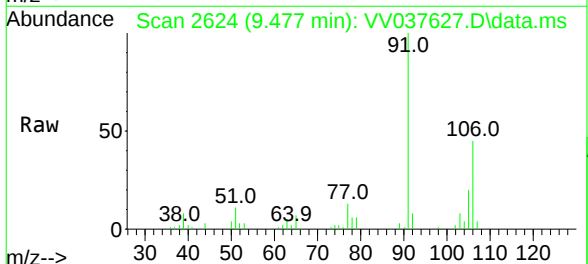
Instrument :
MSVOA_V
ClientSampleId :
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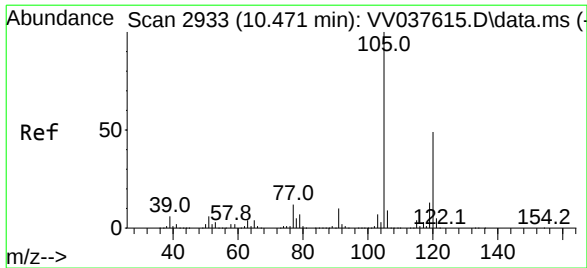
Tgt Ion:106 Resp: 15911
Ion Ratio Lower Upper
106 100
91 217.0 142.0 263.6



#54
o-Xylene
Concen: 2.635 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.007 min
Lab File: VV037627.D
Acq: 27 Sep 2024 23:10

Tgt Ion:106 Resp: 18521
Ion Ratio Lower Upper
106 100
91 220.2 153.9 285.9





#62

1,3,5-Trimethylbenzene

Concen: 0.946 ug/L

RT: 10.477 min Scan# 29

Delta R.T. 0.006 min

Lab File: VV037627.D

Acq: 27 Sep 2024 23:10

Instrument :

MSVOA_V

ClientSampleId :

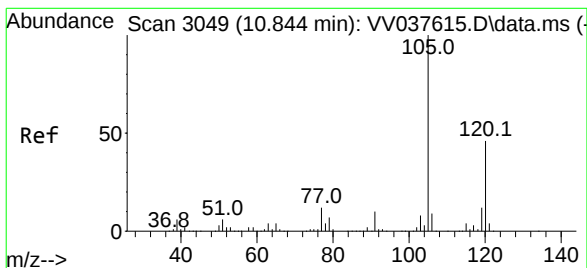
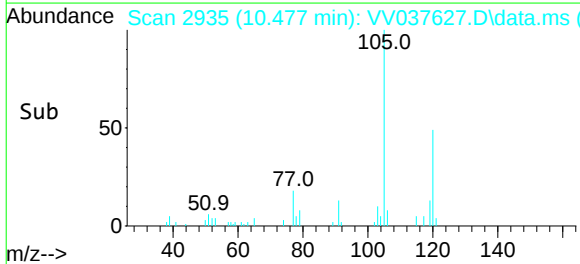
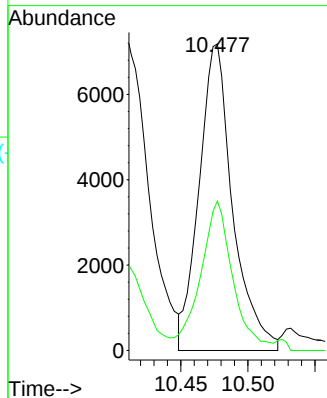
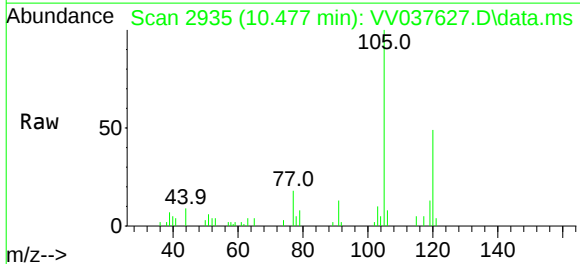
EY078DL

Tgt Ion:105 Resp: 12485

Ion Ratio Lower Upper

105 100

120 47.3 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 5.679 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV037627.D

Acq: 27 Sep 2024 23:10

Tgt Ion:105 Resp: 74541

Ion Ratio Lower Upper

105 100

120 46.1 36.2 54.2

