

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
 Data File : VV028426.D
 Acq On : 07 Oct 2022 22:49
 Operator : SY/MD
 Sample : N4889-04 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ62

Quant Time: Oct 08 01:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:51:49 2022
 Response via : Initial Calibration

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

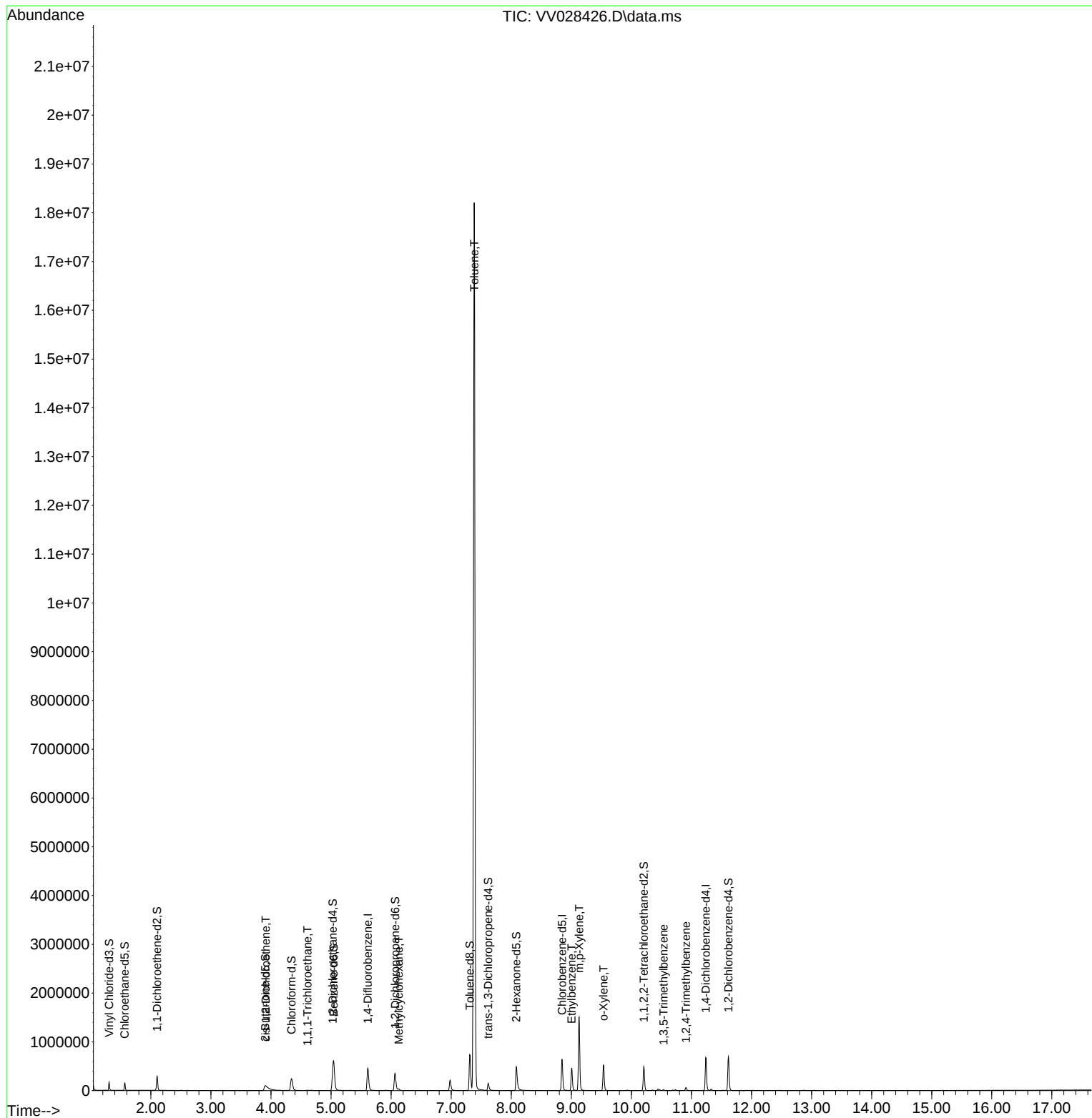
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	394800	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	346950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	170703	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109926	36.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.180%
7) Chloroethane-d5	1.564	69	96676	40.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.040%
11) 1,1-Dichloroethene-d2	2.105	63	151909	29.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.600%#
21) 2-Butanone-d5	3.905	46	267534	100.323	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.320%
24) Chloroform-d	4.342	84	254962	45.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.260%
26) 1,2-Dichloroethane-d4	5.027	65	176112	48.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
32) Benzene-d6	5.043	84	532003	47.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
36) 1,2-Dichloropropane-d6	6.066	67	175938	48.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.080%
41) Toluene-d8	7.310	98	481534	48.378	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.760%
43) trans-1,3-Dichloroprop...	7.616	79	85209	46.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.240%
47) 2-Hexanone-d5	8.085	63	195841	99.321	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.320%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	236872	47.755	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.500%
66) 1,2-Dichlorobenzene-d4	11.615	152	175629	49.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.300%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.912	96	4600	1.499	ug/L	95
30) 1,1,1-Trichloroethane	4.609	97	5216	1.164	ug/L	95
35) Methylcyclohexane	6.127	83	13958	2.836	ug/L	92
42) Toluene	7.384	91	12468551	1060.090	ug/L	93
52) Ethylbenzene	9.005	91	321425	25.073	ug/L	99
53) m,p-Xylene	9.130	106	407501	83.865	ug/L	99
54) o-Xylene	9.535	106	134448	27.634	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	10071	0.945	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	32898	3.111	ug/L	96

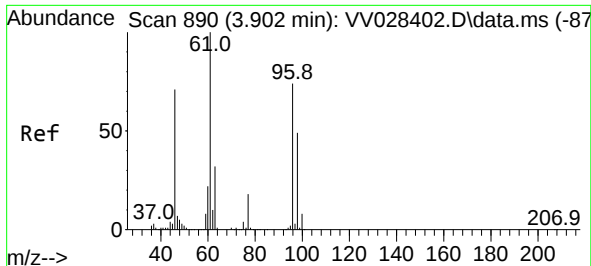
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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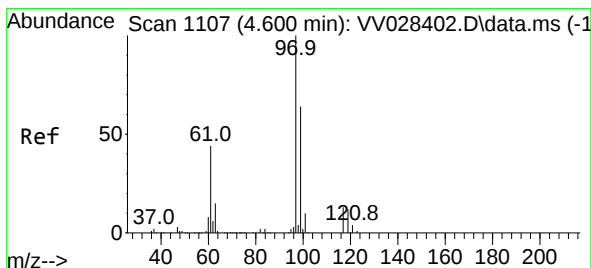
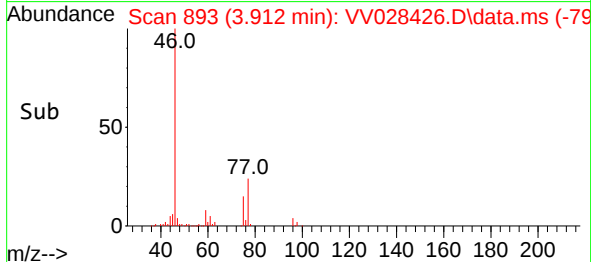
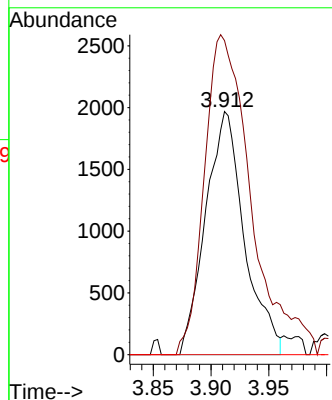
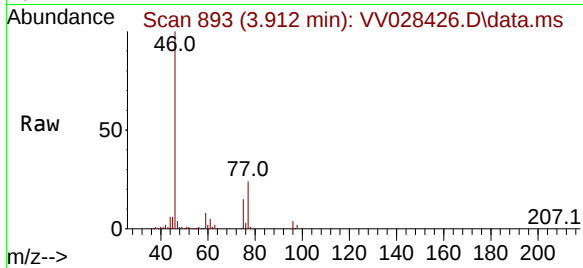




#20
 cis-1,2-Dichloroethene
 Concen: 1.499 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.010 min
 Lab File: VV028426.D
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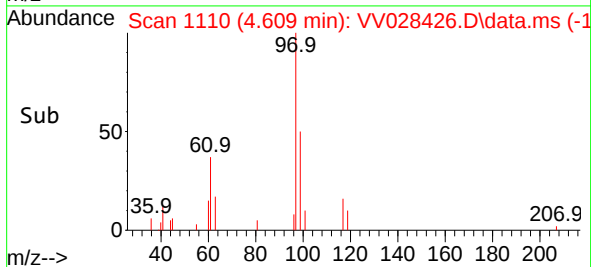
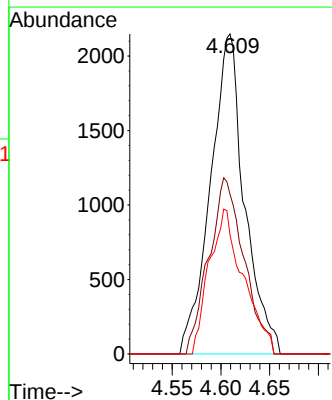
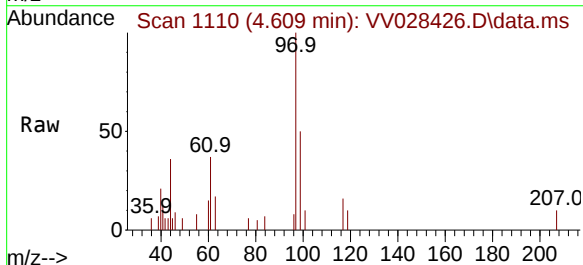
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ62

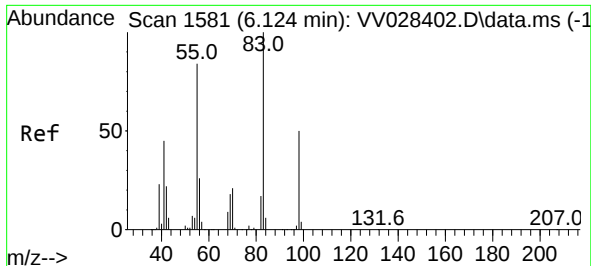
Tgt Ion: 96 Resp: 4600
 Ion Ratio Lower Upper
 96 100
 61 129.2 95.0 176.4
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 1.164 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.010 min
 Lab File: VV028426.D
 Acq: 07 Oct 2022 22:49

Tgt Ion: 97 Resp: 5216
 Ion Ratio Lower Upper
 97 100
 99 57.0 50.2 75.2
 61 45.4 35.8 53.6





#35

Methylcyclohexane

Concen: 2.836 ug/L

RT: 6.127 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028426.D

Acq: 07 Oct 2022 22:49

Instrument :

MSVOA_V

ClientSampleId :

EXZ62

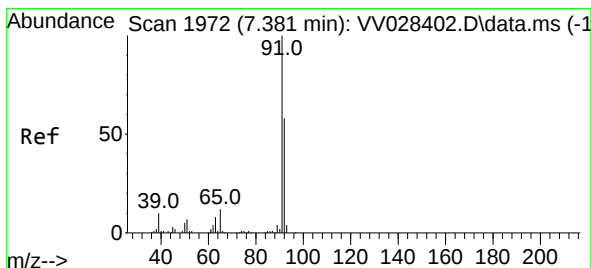
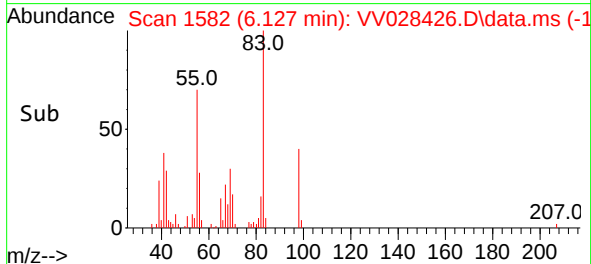
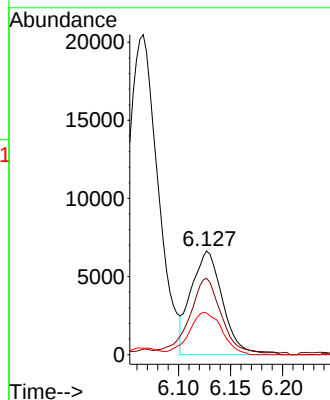
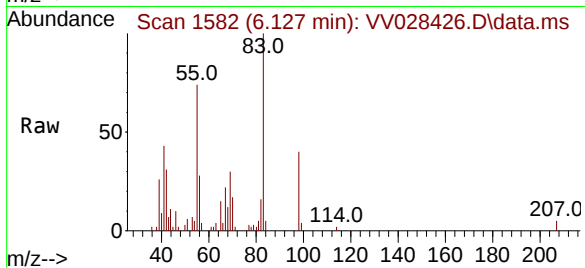
Tgt Ion: 83 Resp: 13958

Ion Ratio Lower Upper

83 100

55 71.5 63.7 95.5

98 42.8 38.2 57.2



#42

Toluene

Concen: 1060.090 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028426.D

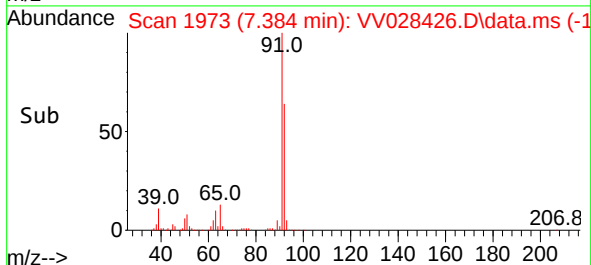
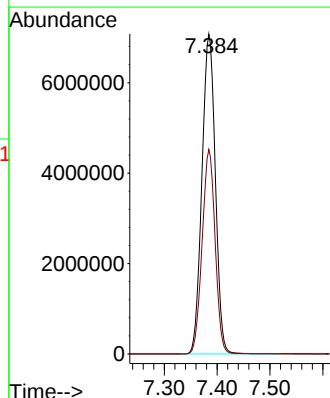
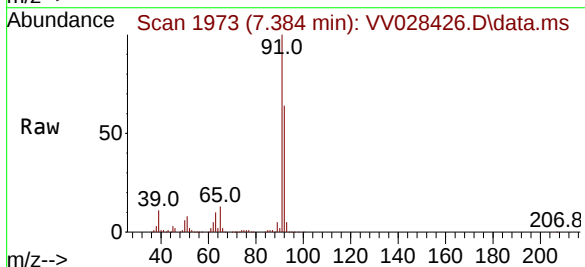
Acq: 07 Oct 2022 22:49

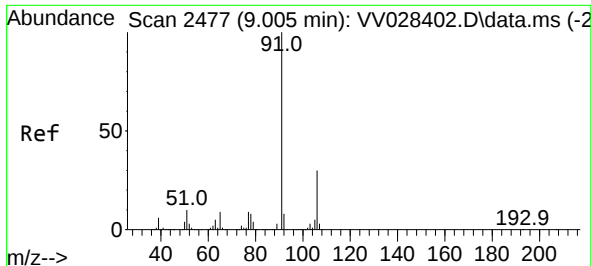
Tgt Ion: 91 Resp:12468551

Ion Ratio Lower Upper

91 100

92 63.9 40.9 76.0

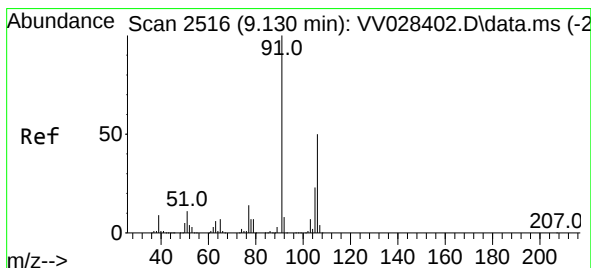
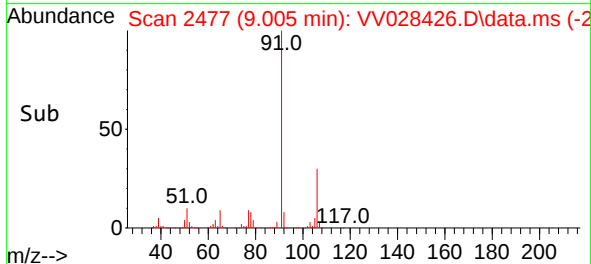
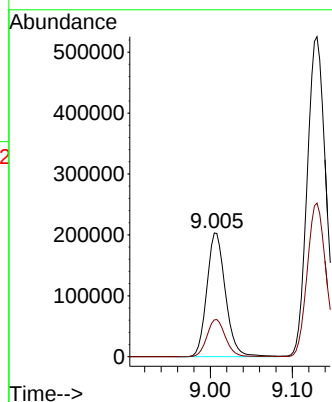
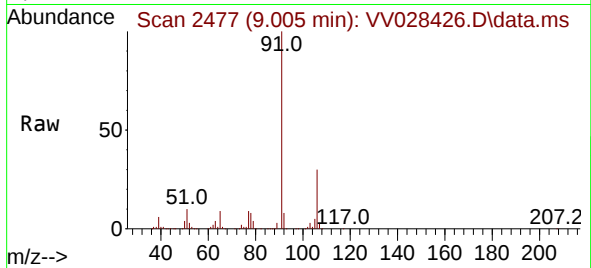




#52
Ethylbenzene
Concen: 25.073 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028426.D
Acq: 07 Oct 2022 22:49

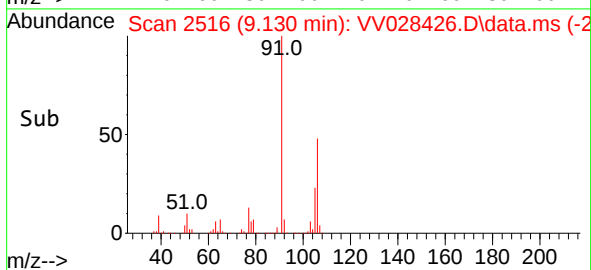
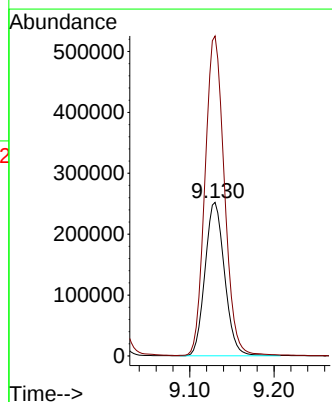
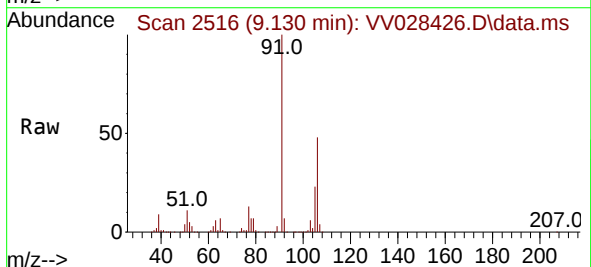
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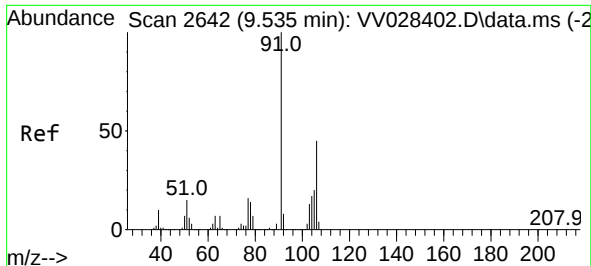
Tgt Ion: 91 Resp: 321425
Ion Ratio Lower Upper
91 100
106 29.8 21.4 39.8



#53
m,p-Xylene
Concen: 83.865 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028426.D
Acq: 07 Oct 2022 22:49

Tgt Ion: 106 Resp: 407501
Ion Ratio Lower Upper
106 100
91 208.3 145.2 269.6

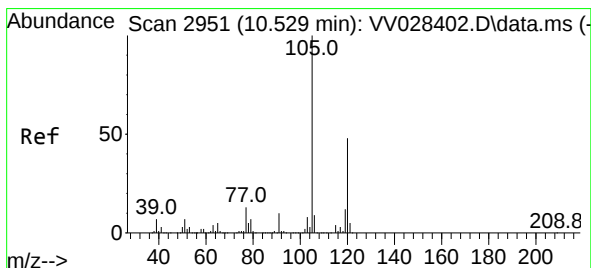
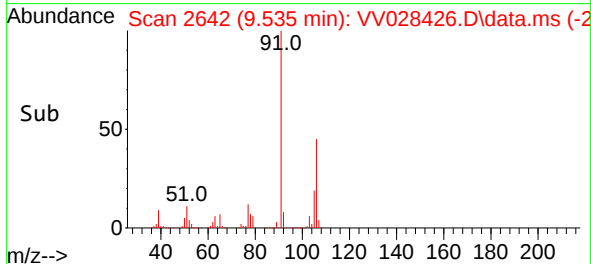
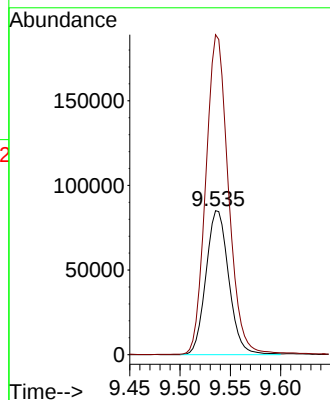
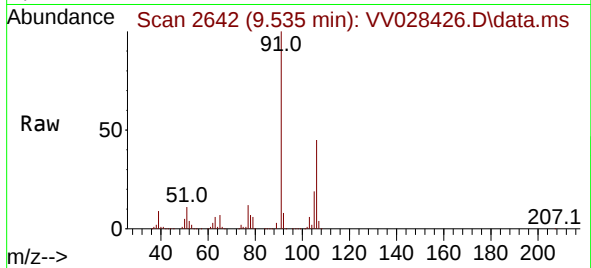




#54
o-Xylene
Concen: 27.634 ug/L
RT: 9.535 min Scan# 2
Delta R.T. -0.000 min
Lab File: VV028426.D
Acq: 07 Oct 2022 22:49

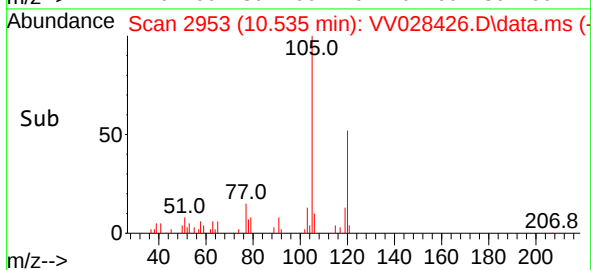
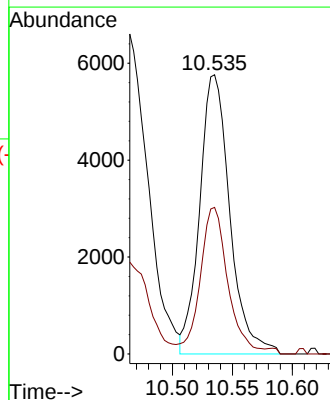
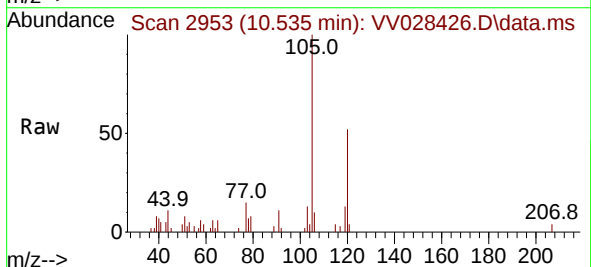
Instrument :
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ClientSampleId :
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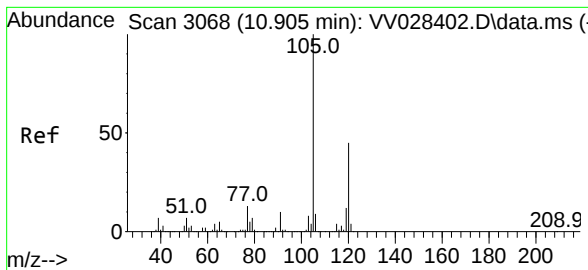
Tgt Ion:106 Resp: 134448
Ion Ratio Lower Upper
106 100
91 222.3 152.5 283.3



#62
1,3,5-Trimethylbenzene
Concen: 0.945 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.006 min
Lab File: VV028426.D
Acq: 07 Oct 2022 22:49

Tgt Ion:105 Resp: 10071
Ion Ratio Lower Upper
105 100
120 47.9 39.1 58.7





#63
 1,2,4-Trimethylbenzene
 Concen: 3.111 ug/L
 RT: 10.908 min Scan# 3069
 Delta R.T. 0.003 min
 Lab File: VV028426.D
 Acq: 07 Oct 2022 22:49

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ62

Tgt Ion:105 Resp: 32898
 Ion Ratio Lower Upper
 105 100
 120 47.6 35.9 53.9

