

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100822\
 Data File : VV028448.D
 Acq On : 08 Oct 2022 19:49
 Operator : SY/MD
 Sample : N4889-02 25X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ60

Quant Time: Oct 09 05:53:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 08 02:10:35 2022
 Response via : Initial Calibration

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

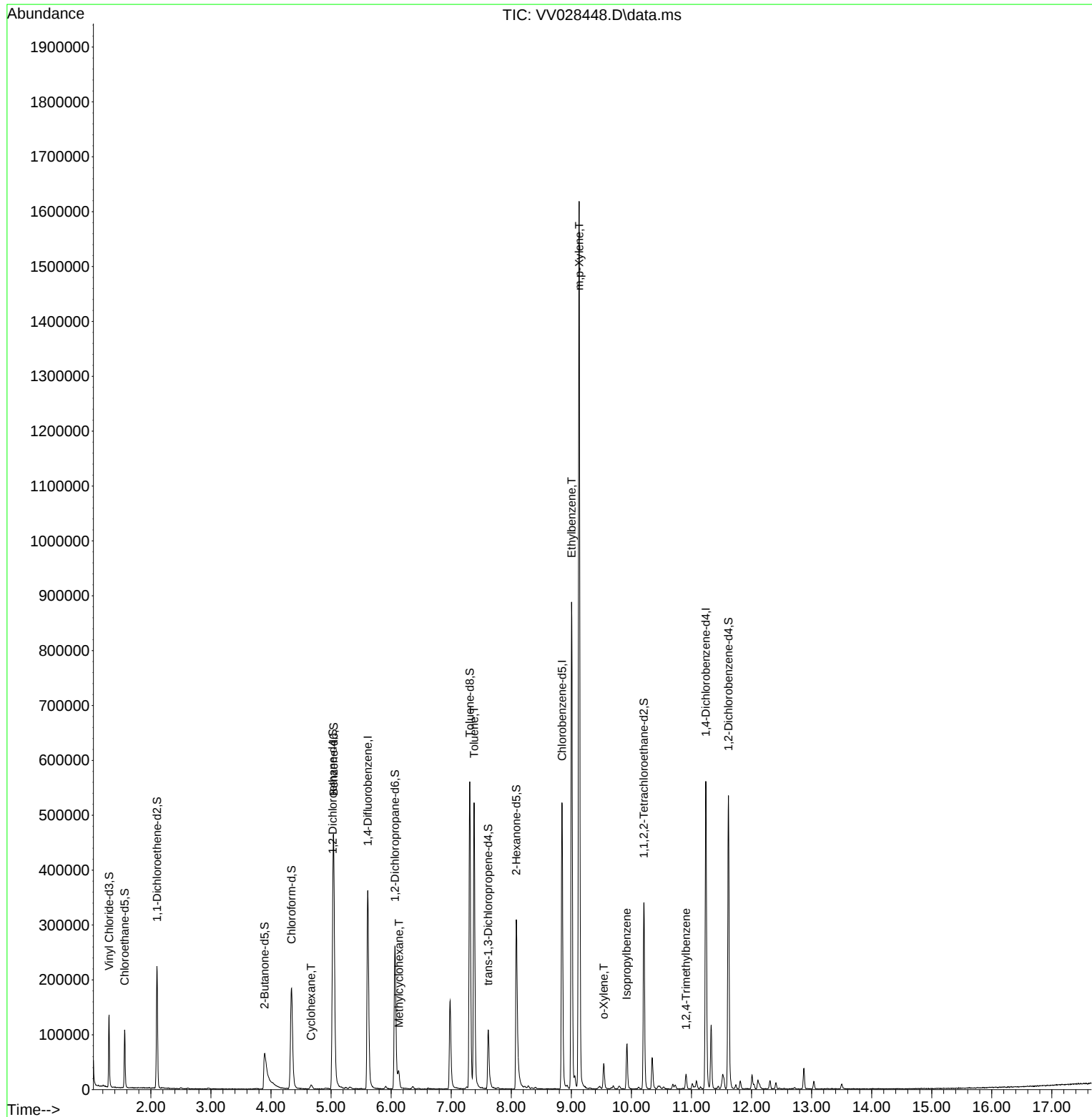
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	310446	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	281004	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	140146	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86151	35.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.920%
7) Chloroethane-d5	1.564	69	66669	35.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.101	63	113644	27.876	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.760%#
21) 2-Butanone-d5	3.892	46	146998	70.101	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.100%
24) Chloroform-d	4.342	84	192790	43.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.760%
26) 1,2-Dichloroethane-d4	5.027	65	131216	46.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
32) Benzene-d6	5.043	84	398715	44.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	6.063	67	125774	42.842	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.680%
41) Toluene-d8	7.310	98	369372	45.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.640%
43) trans-1,3-Dichloroprop...	7.616	79	65040	43.465	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.920%
47) 2-Hexanone-d5	8.085	63	122350	76.612	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.610%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	160387	39.923	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.840%
66) 1,2-Dichlorobenzene-d4	11.615	152	132062	45.477	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.960%
Target Compounds						
					Qvalue	
29) Cyclohexane	4.667	56	3962	0.980	ug/L	# 68
35) Methylcyclohexane	6.130	83	12669	3.178	ug/L	94
42) Toluene	7.381	91	371910	39.041	ug/L	99
52) Ethylbenzene	9.005	91	603144	58.090	ug/L	99
53) m,p-Xylene	9.130	106	429620	109.167	ug/L	97
54) o-Xylene	9.538	106	11656	2.958	ug/L	100
60) Isopropylbenzene	9.924	105	52776	5.226	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	14436	1.663	ug/L	96

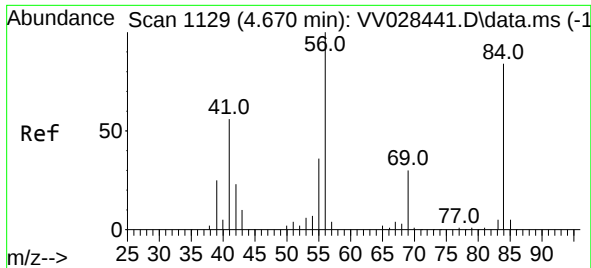
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 08 02:10:35 2022
Response via : Initial Calibration





#29

Cyclohexane

Concen: 0.980 ug/L

RT: 4.667 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV028448.D

Acq: 08 Oct 2022 19:49

Instrument :

MSVOA_V

ClientSampleId :

EXZ60

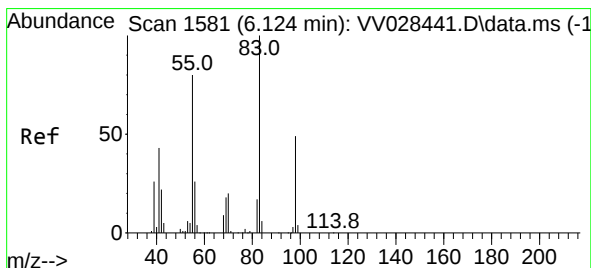
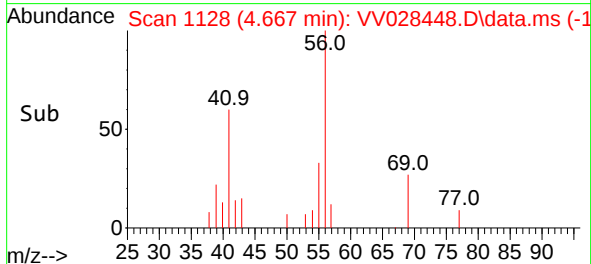
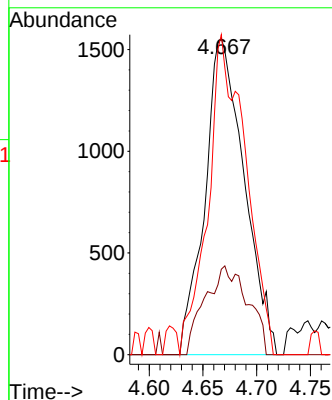
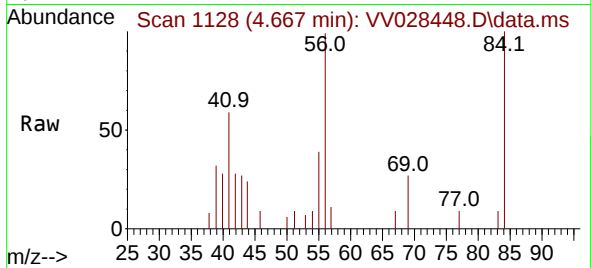
Tgt Ion: 56 Resp: 3962

Ion Ratio Lower Upper

56 100

69 3.1 23.0 34.6#

84 58.2 65.8 98.8#



#35

Methylcyclohexane

Concen: 3.178 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV028448.D

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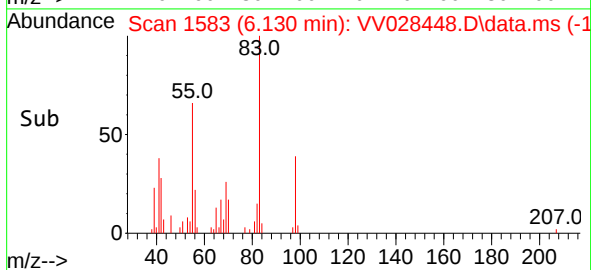
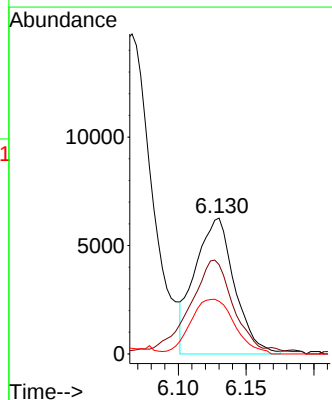
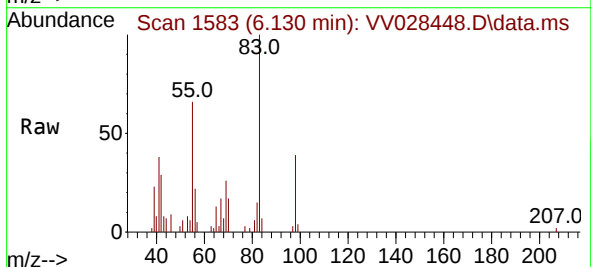
Tgt Ion: 83 Resp: 12669

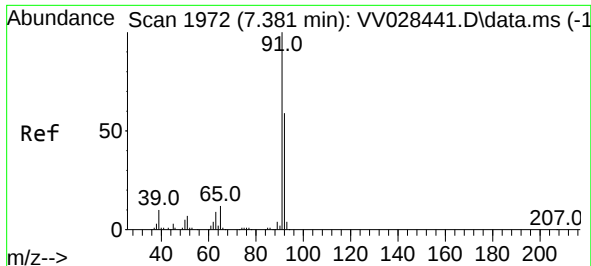
Ion Ratio Lower Upper

83 100

55 73.9 63.7 95.5

98 44.8 38.2 57.2

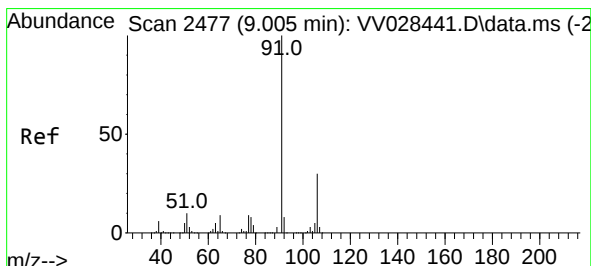
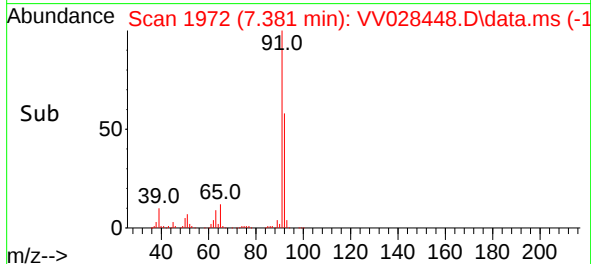
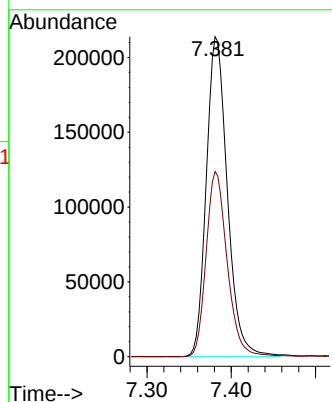
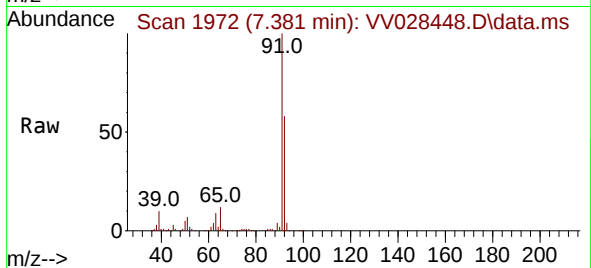




#42
Toluene
Concen: 39.041 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VV028448.D
Acq: 08 Oct 2022 19:49

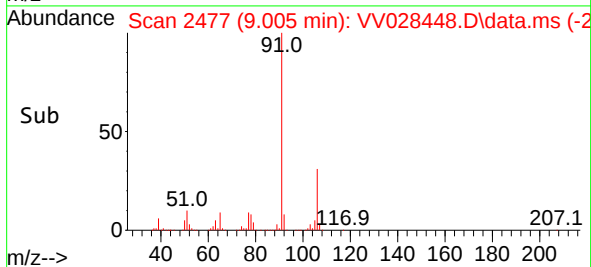
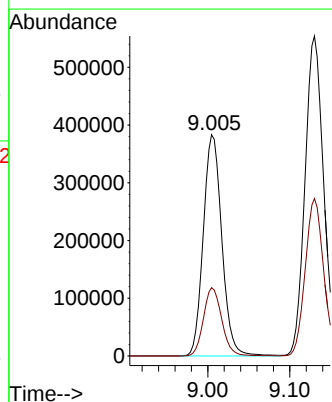
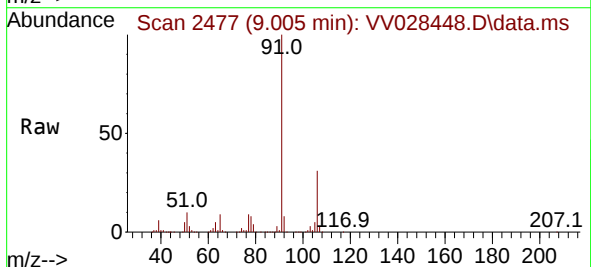
Instrument :
MSVOA_V
ClientSampleId :
EXZ60

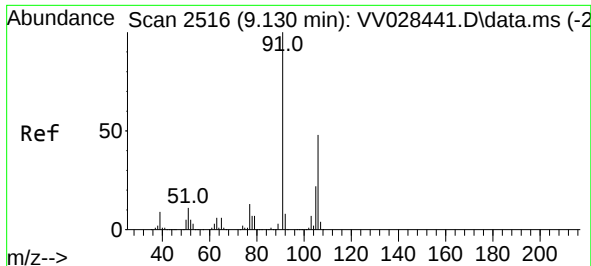
Tgt Ion: 91 Resp: 371910
Ion Ratio Lower Upper
91 100
92 57.8 40.9 76.0



#52
Ethylbenzene
Concen: 58.090 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV028448.D
Acq: 08 Oct 2022 19:49

Tgt Ion: 91 Resp: 603144
Ion Ratio Lower Upper
91 100
106 30.9 21.4 39.8

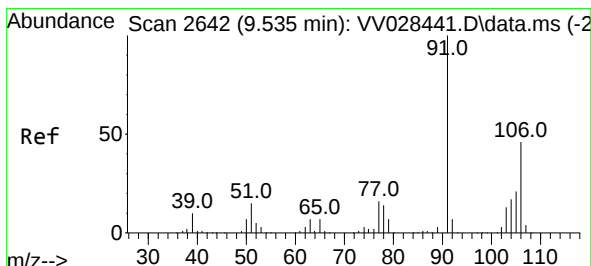
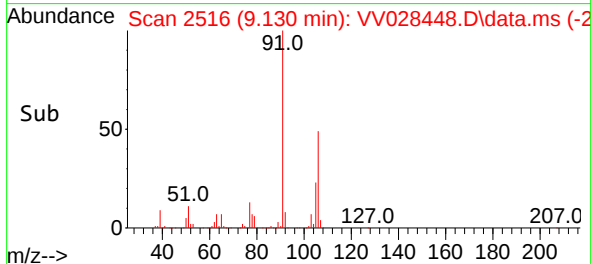
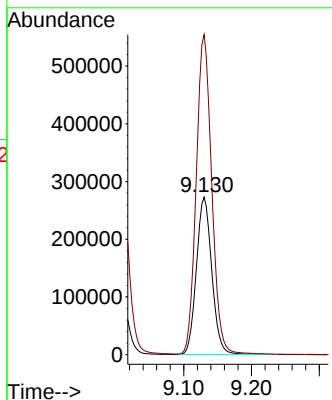
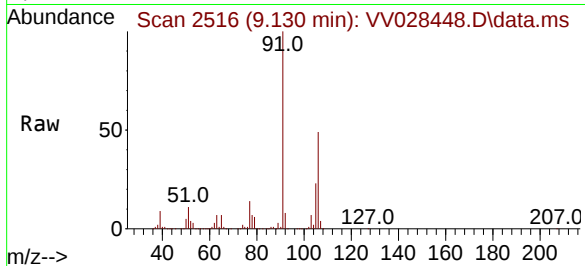




#53
m,p-Xylene
Concen: 109.167 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV028448.D
Acq: 08 Oct 2022 19:49

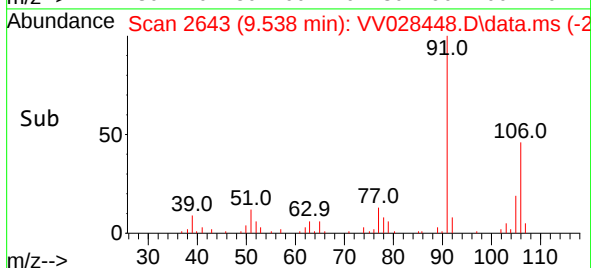
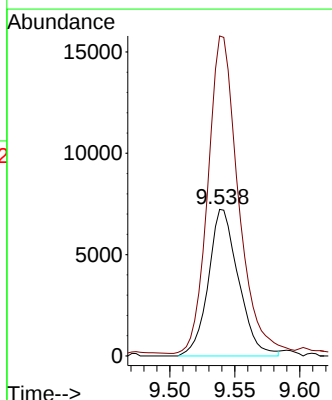
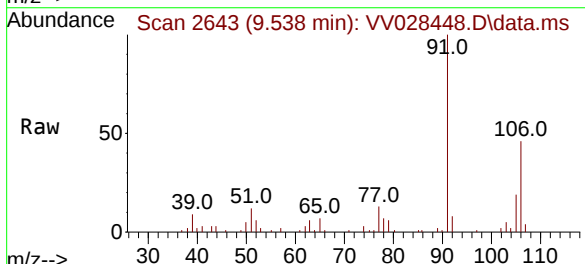
Instrument :
MSVOA_V
ClientSampleId :
EXZ60

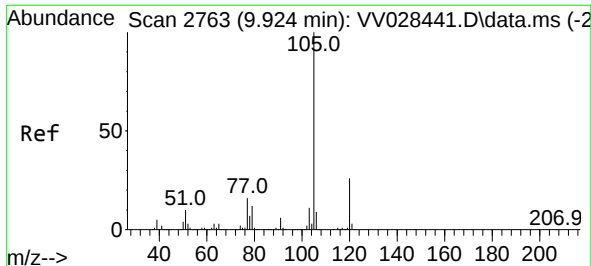
Tgt Ion:106 Resp: 429620
Ion Ratio Lower Upper
106 100
91 203.3 145.2 269.6



#54
o-Xylene
Concen: 2.958 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028448.D
Acq: 08 Oct 2022 19:49

Tgt Ion:106 Resp: 11656
Ion Ratio Lower Upper
106 100
91 218.3 152.5 283.3

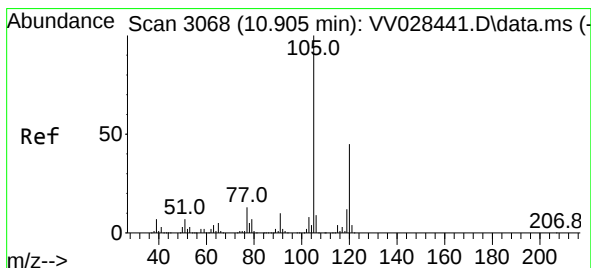
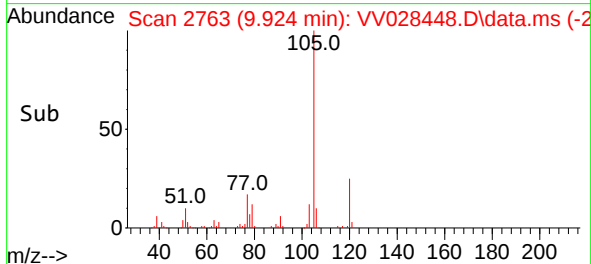
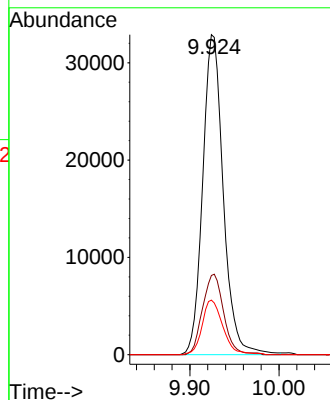
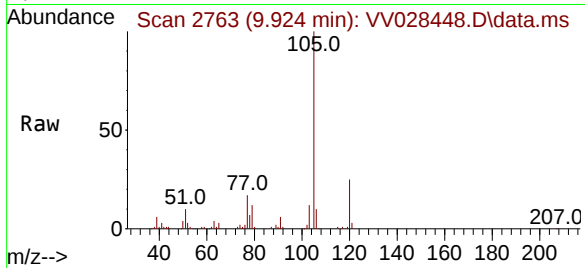




#60
Isopropylbenzene
Concen: 5.226 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV028448.D
Acq: 08 Oct 2022 19:49

Instrument :
MSVOA_V
ClientSampleId :
EXZ60

Tgt Ion:105 Resp: 52776
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 17.1 12.7 19.1



#63
1,2,4-Trimethylbenzene
Concen: 1.663 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028448.D
Acq: 08 Oct 2022 19:49

Tgt Ion:105 Resp: 14436
Ion Ratio Lower Upper
105 100
120 47.5 35.9 53.9

