

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
 Data File : VX044168.D
 Acq On : 06 Dec 2024 11:43
 Operator : JC/MD
 Sample : P5066-03
 Misc : 6.19g/5.0ml/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 03:58:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

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

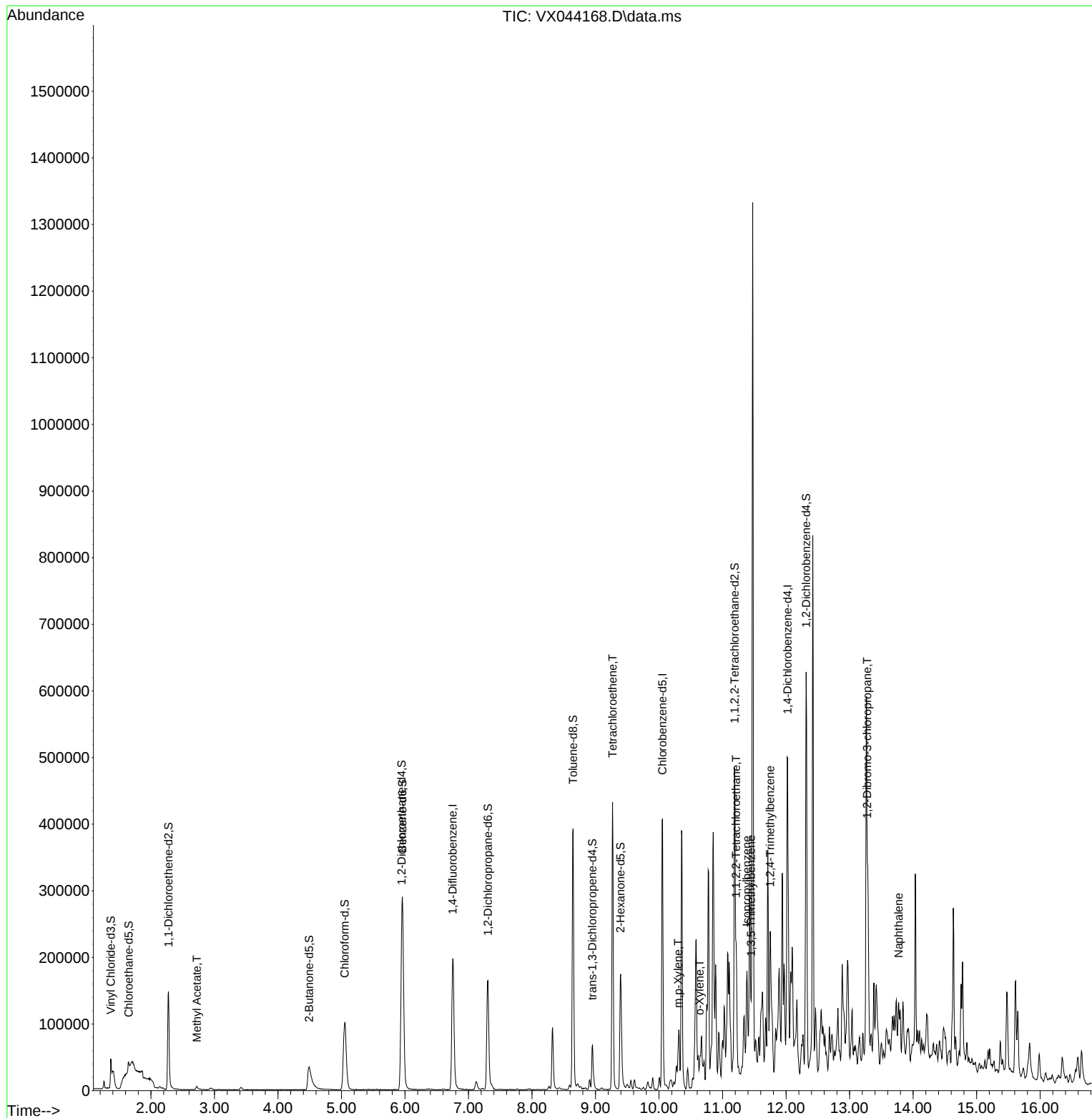
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	198820	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	181233	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	83420	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	32614	17.925	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	35.860%#
7) Chloroethane-d5	1.648	69	11348	8.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	16.100%#
11) 1,1-Dichloroethene-d2	2.276	65	27830	35.766	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.540%
21) 2-Butanone-d5	4.489	46	89700	80.524	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	5.050	84	129604	37.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.040%
26) 1,2-Dichloroethane-d4	5.946	65	96778	39.614	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.220%
32) Benzene-d6	5.958	84	254793	40.688	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.380%
36) 1,2-Dichloropropane-d6	7.305	67	78465	40.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.700%
41) Toluene-d8	8.647	98	235734	40.713	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.420%
43) trans-1,3-Dichloroprop...	8.951	79	32636	34.926	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.860%
47) 2-Hexanone-d5	9.390	63	62500	82.437	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.440%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	107781	41.338	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.680%
66) 1,2-Dichlorobenzene-d4	12.317	152	84313	43.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
Target Compounds						
15) Methyl Acetate	2.721	43	6544	4.071	ug/L #	86
46) Tetrachloroethene	9.268	164	70251	70.088	ug/L	98
53) m,p-Xylene	10.299	106	7387	3.175	ug/L	100
54) o-Xylene	10.640	106	4004	1.674	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	13570	5.776	ug/L #	35
60) Isopropylbenzene	11.384	105	27778	4.315	ug/L	95
62) 1,3,5-Trimethylbenzene	11.451	105	18176	3.402	ug/L	94
63) 1,2,4-Trimethylbenzene	11.750	105	67203	12.818	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.280	75	1313	2.990	ug/L #	16
71) Naphthalene	13.774	128	44114	7.293	ug/L	99

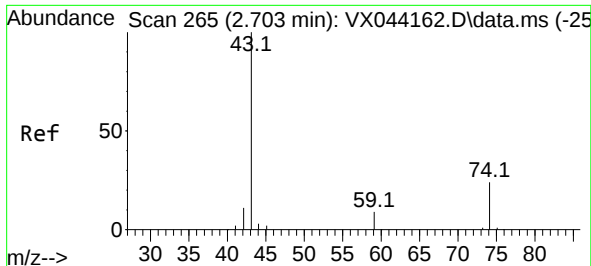
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 07 03:56:15 2024
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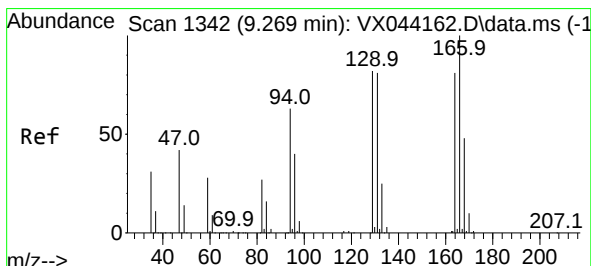
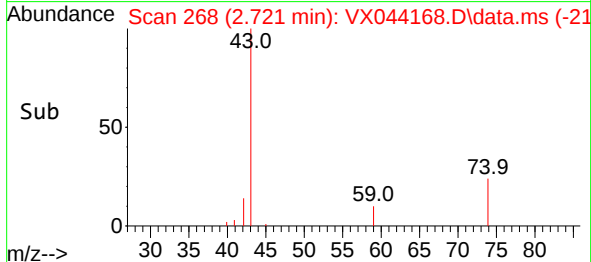
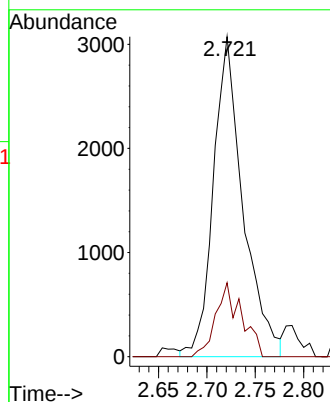
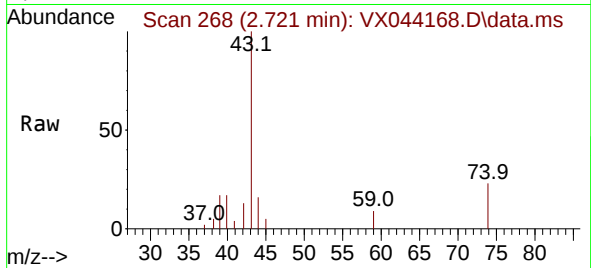




#15
Methyl Acetate
Concen: 4.071 ug/L
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

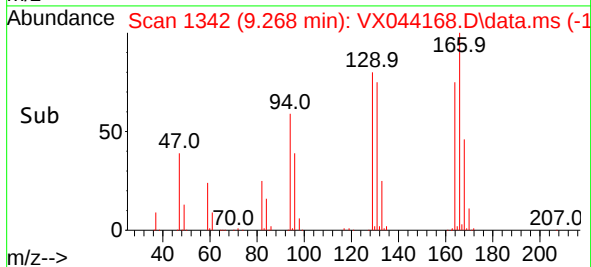
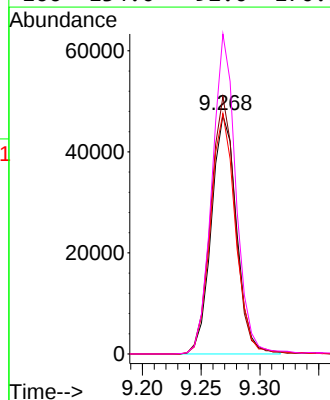
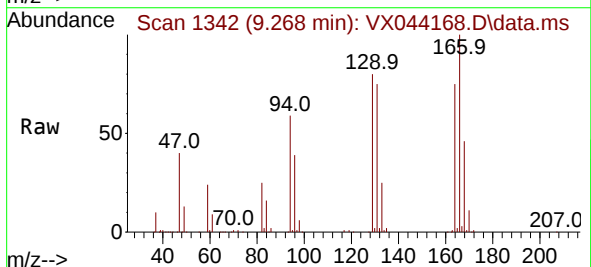
Instrument :
MSVOA_X
ClientSampleId :

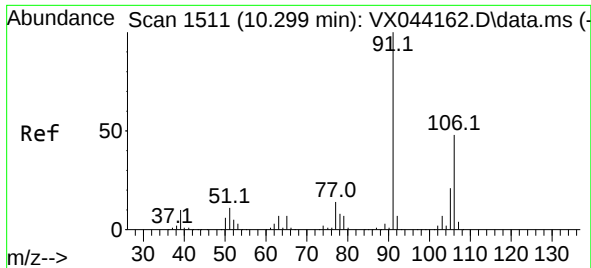
Tgt Ion: 43 Resp: 6544
Ion Ratio Lower Upper
43 100
74 17.3 19.4 29.2#



#46
Tetrachloroethene
Concen: 70.088 ug/L
RT: 9.268 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

Tgt Ion: 164 Resp: 70251
Ion Ratio Lower Upper
164 100
129 107.8 73.6 136.6
131 100.7 70.2 130.4
166 134.0 92.0 170.8

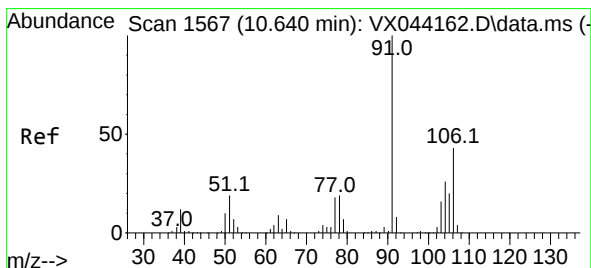
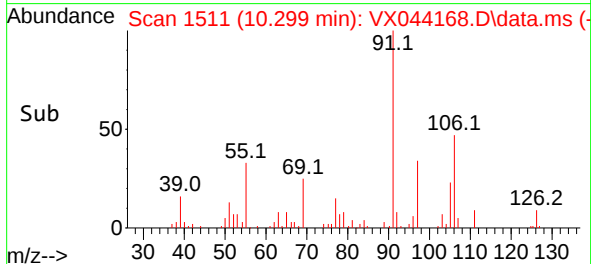
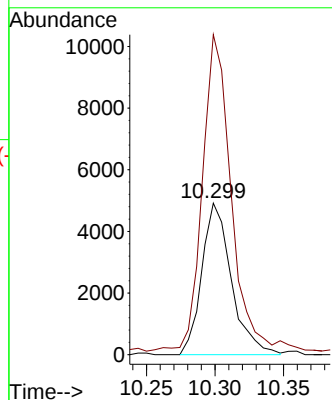
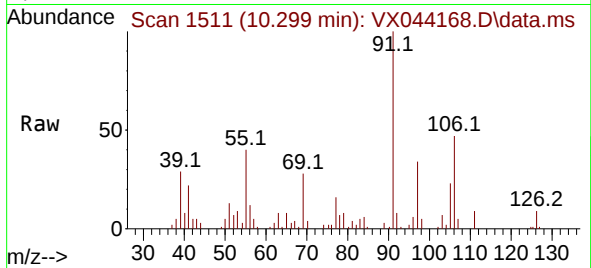




#53
m,p-Xylene
Concen: 3.175 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

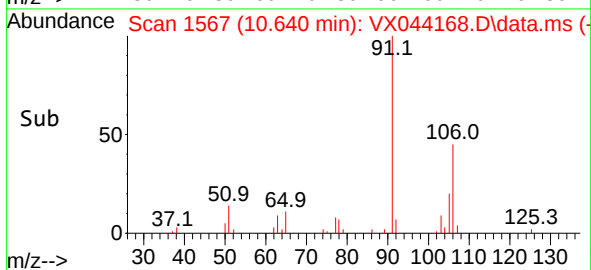
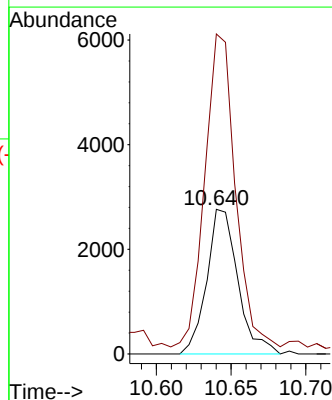
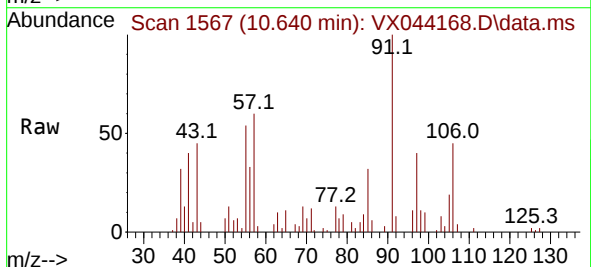
Instrument :
MSVOA_X
ClientSampleId :

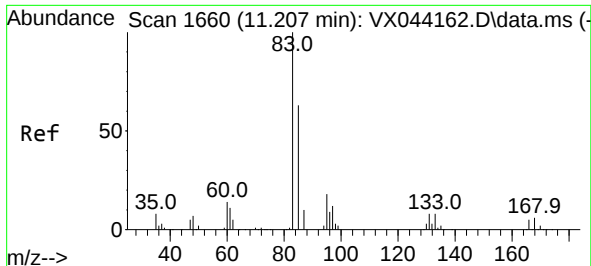
Tgt Ion:106 Resp: 7387
Ion Ratio Lower Upper
106 100
91 211.3 147.5 273.9



#54
o-Xylene
Concen: 1.674 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

Tgt Ion:106 Resp: 4004
Ion Ratio Lower Upper
106 100
91 221.3 153.7 285.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.776 ug/L

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044168.D

Acq: 06 Dec 2024 11:43

Instrument :

MSVOA_X

ClientSampleId :

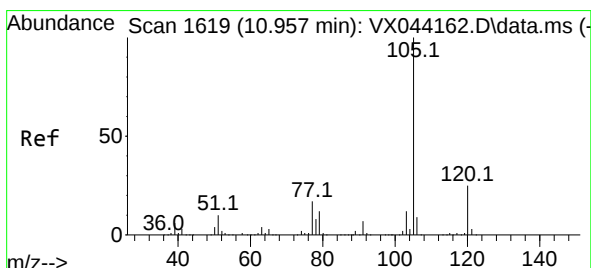
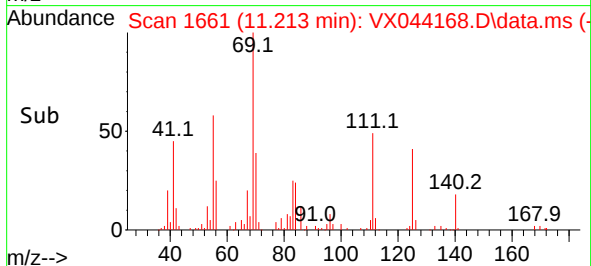
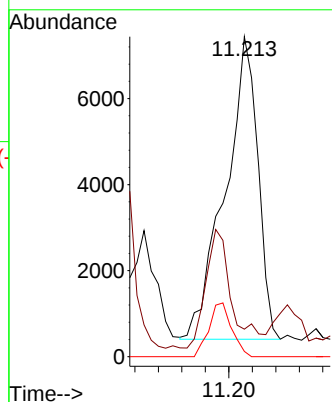
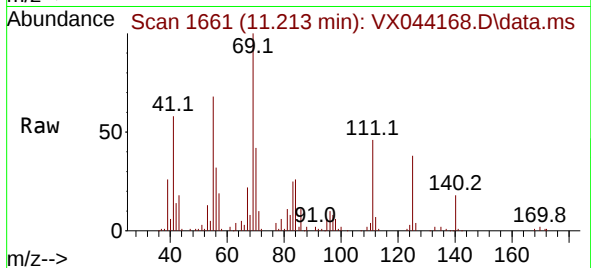
Tgt Ion: 83 Resp: 13570

Ion Ratio Lower Upper

83 100

85 8.6 46.0 85.4#

131 1.7 8.8 13.2#



#60

Isopropylbenzene

Concen: 4.315 ug/L

RT: 11.384 min Scan# 1689

Delta R.T. 0.427 min

Lab File: VX044168.D

Acq: 06 Dec 2024 11:43

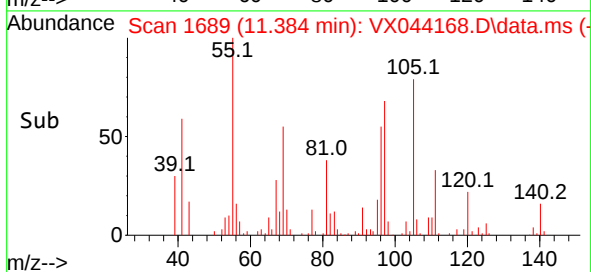
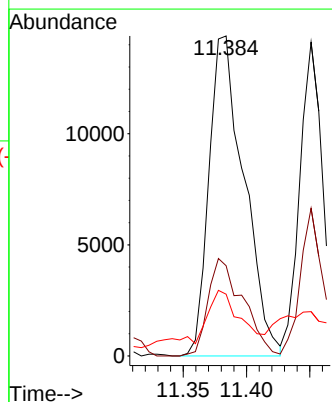
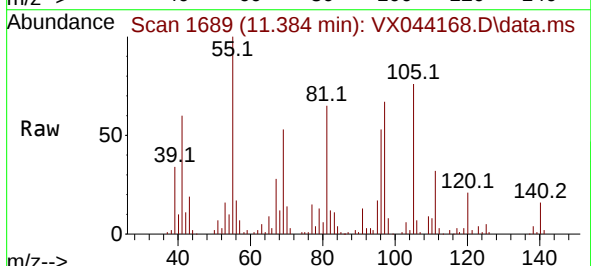
Tgt Ion: 105 Resp: 27778

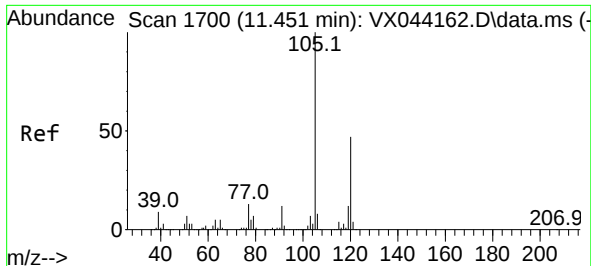
Ion Ratio Lower Upper

105 100

120 30.3 20.6 31.0

77 16.7 13.4 20.0

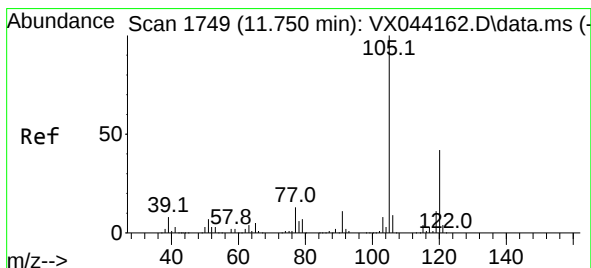
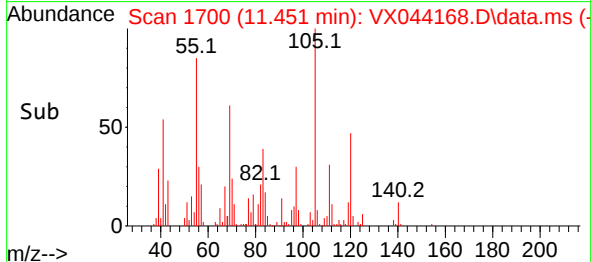
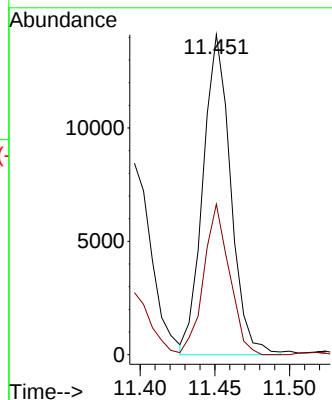
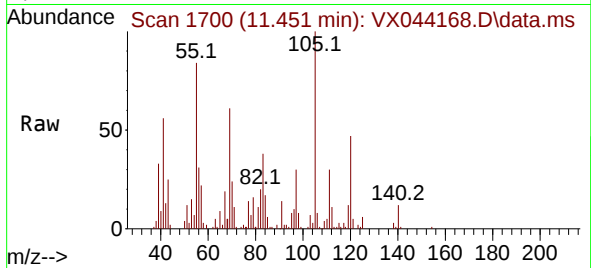




#62
1,3,5-Trimethylbenzene
Concen: 3.402 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

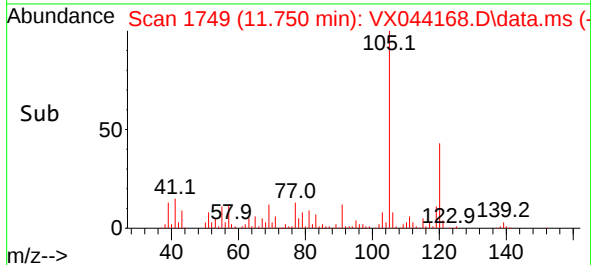
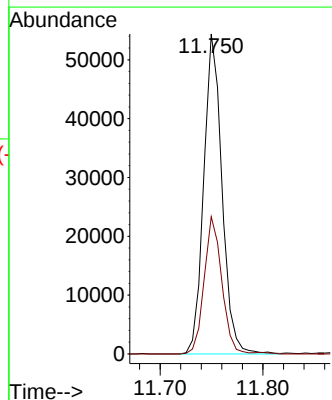
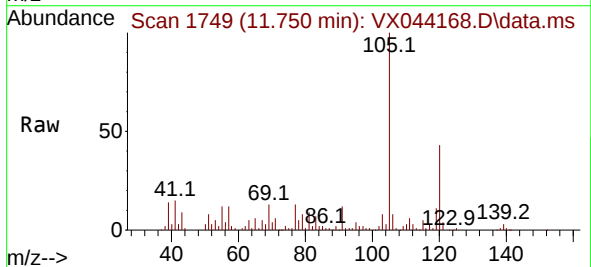
Instrument :
MSVOA_X
ClientSampleId :

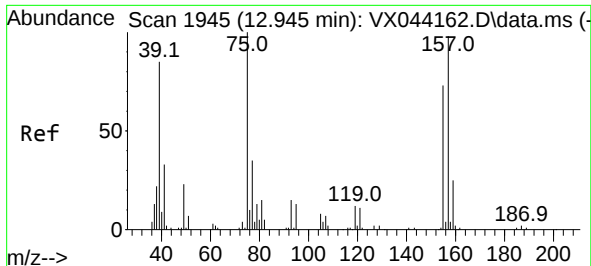
Tgt Ion:105 Resp: 18176
Ion Ratio Lower Upper
105 100
120 43.6 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 12.818 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

Tgt Ion:105 Resp: 67203
Ion Ratio Lower Upper
105 100
120 41.3 34.5 51.7

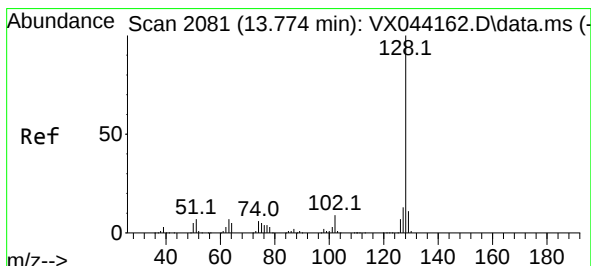
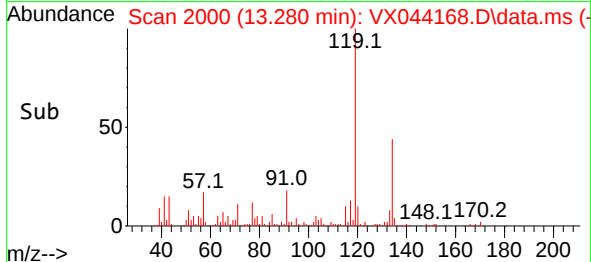
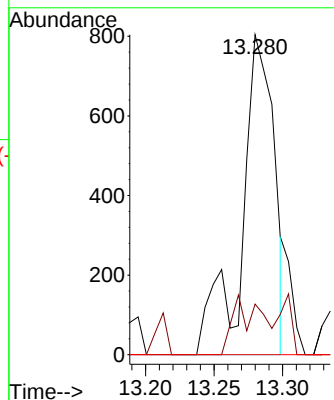
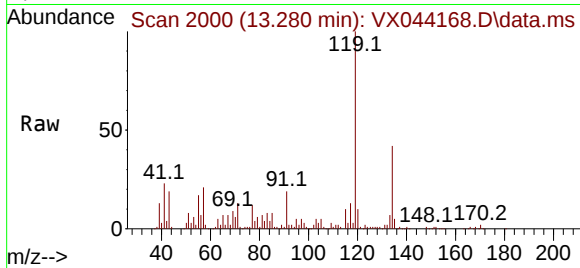




#68
1,2-Dibromo-3-chloropropane
Concen: 2.990 ug/L
RT: 13.280 min Scan# 2000
Delta R.T. 0.335 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1313
Ion Ratio Lower Upper
75 100
155 15.8 60.5 90.7#
157 0.0 73.5 110.3#



#71
Naphthalene
Concen: 7.293 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044168.D
Acq: 06 Dec 2024 11:43

Tgt Ion: 128 Resp: 44114
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.3 8.6 13.0

