

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025628.D
 Acq On : 08 Dec 2021 18:43
 Operator : JC/MD
 Sample : M4883-15ME
 Misc : 3.79g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW9H1ME

Quant Time: Dec 09 03:30:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

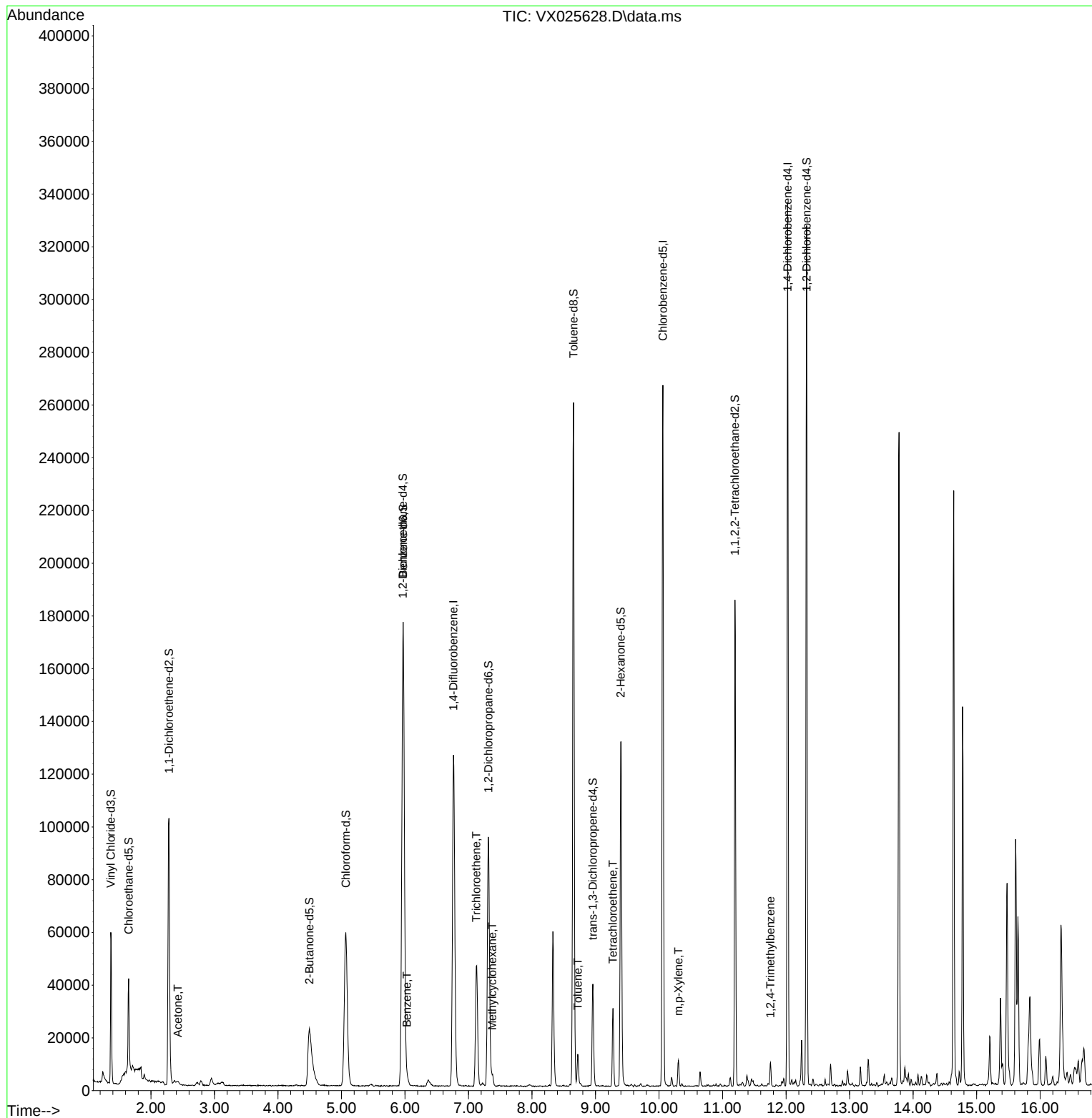
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	146436	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	131649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41886	41.913	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.820%
7) Chloroethane-d5	1.648	69	22158	26.864	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.720%#
11) 1,1-Dichloroethene-d2	2.282	63	61462	38.572	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.140%
21) 2-Butanone-d5	4.495	46	63321	85.118	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.120%
24) Chloroform-d	5.068	84	79565	45.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
26) 1,2-Dichloroethane-d4	5.964	65	53195	48.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
32) Benzene-d6	5.970	84	175209	50.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.440%
36) 1,2-Dichloropropane-d6	7.312	67	52238	48.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	8.653	98	162959	49.482	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	8.958	79	20795	38.288	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.580%
47) 2-Hexanone-d5	9.397	63	46290	82.319	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.320%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	67280	44.068	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.140%
66) 1,2-Dichlorobenzene-d4	12.323	152	65727	48.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.820%
Target Compounds						
					Qvalue	
13) Acetone	2.422	43	2004	3.276	ug/L	94
33) Benzene	6.031	78	3004	0.854	ug/L	100
34) Trichloroethene	7.123	95	17730	19.167	ug/L	92
35) Methylcyclohexane	7.373	83	1902	1.306	ug/L	97
42) Toluene	8.720	91	8245	2.126	ug/L	95
46) Tetrachloroethene	9.275	164	5801	7.394	ug/L	97
53) m,p-Xylene	10.305	106	2582	1.529	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	3559	0.956	ug/L #	81

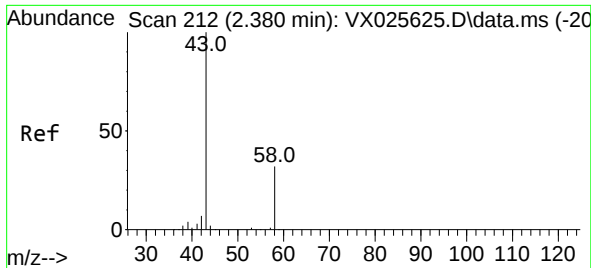
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration

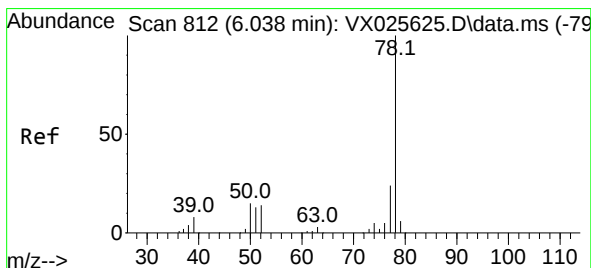
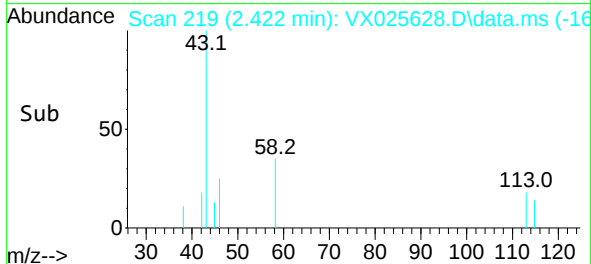
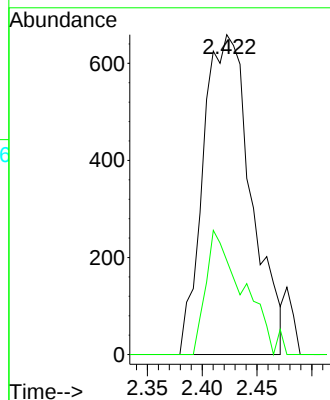
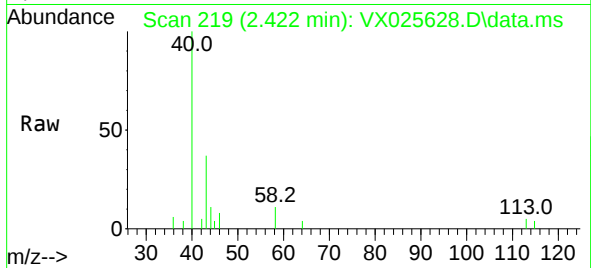




#13
Acetone
Concen: 3.276 ug/L
RT: 2.422 min Scan# 212
Delta R.T. 0.043 min
Lab File: VX025628.D
Acq: 08 Dec 2021 18:43

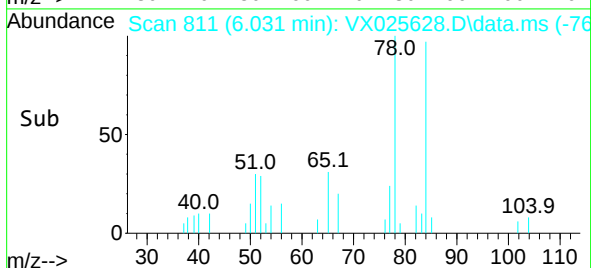
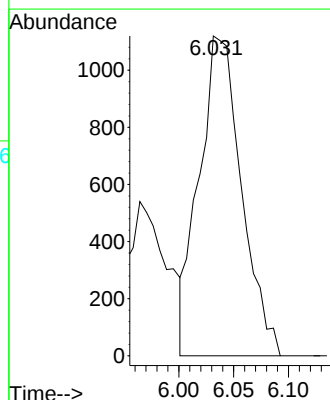
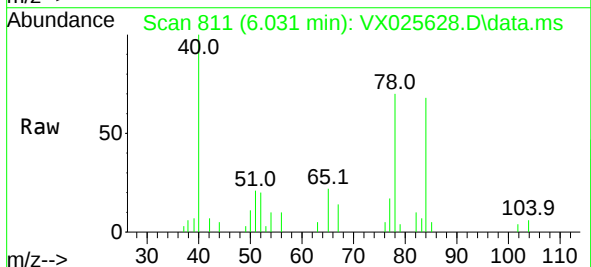
Instrument :
MSVOA_X
ClientSampleId :
EW9H1ME

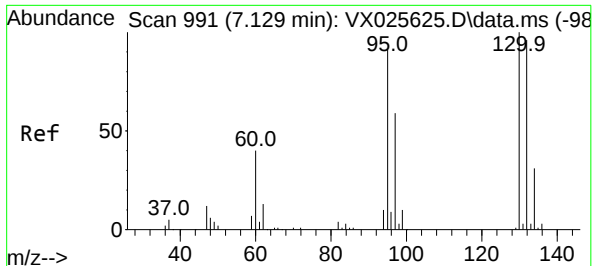
Tgt Ion: 43 Resp: 2004
Ion Ratio Lower Upper
43 100
58 29.3 0.0 65.6



#33
Benzene
Concen: 0.854 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX025628.D
Acq: 08 Dec 2021 18:43

Tgt Ion: 78 Resp: 3004



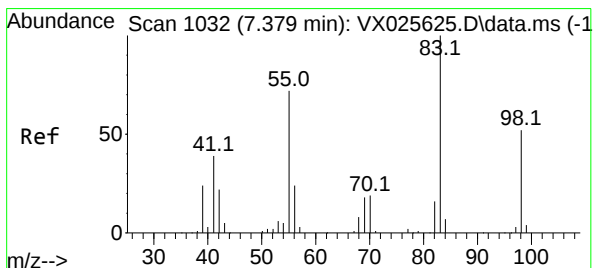
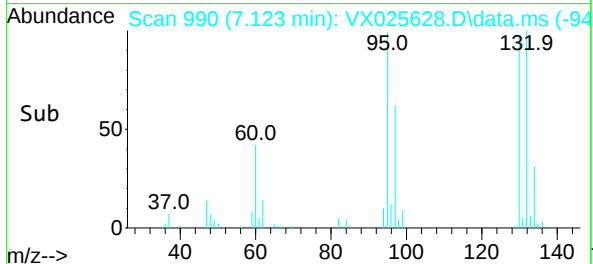
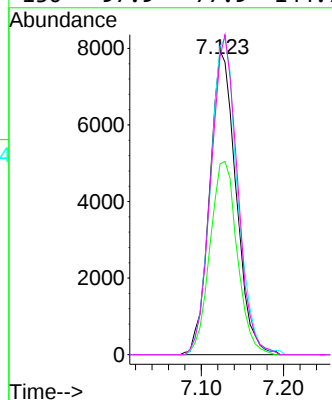
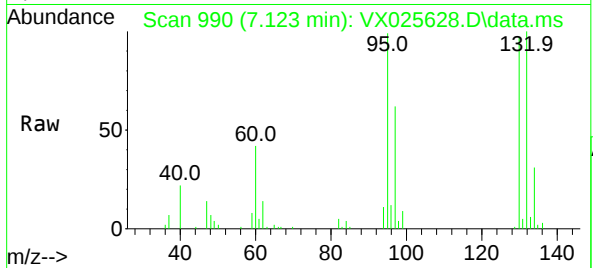


#34
Trichloroethene
Concen: 19.167 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX025628.D
Acq: 08 Dec 2021 18:43

Instrument :
MSVOA_X
ClientSampleId :
EW9H1ME

Tgt Ion: 95 Resp: 17730

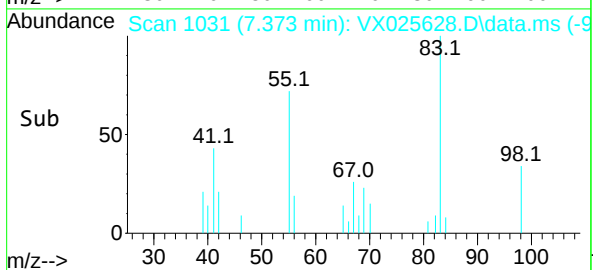
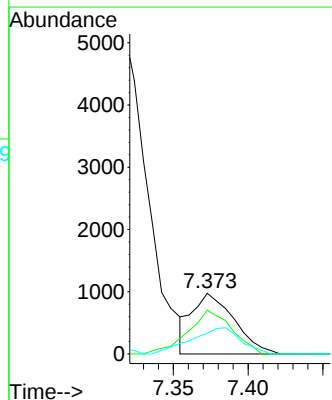
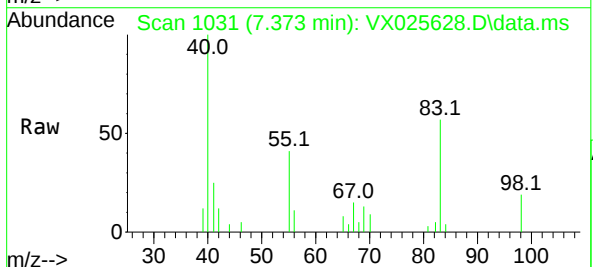
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.0	85.4
132	101.4	75.0	139.2
130	97.9	77.9	144.7

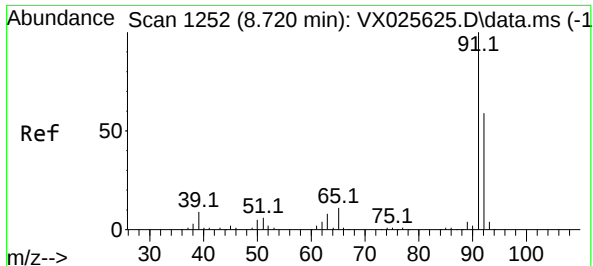


#35
Methylcyclohexane
Concen: 1.306 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX025628.D
Acq: 08 Dec 2021 18:43

Tgt Ion: 83 Resp: 1902

Ion	Ratio	Lower	Upper
83	100		
55	75.6	57.3	85.9
98	50.8	41.1	61.7





#42

Toluene

Concen: 2.126 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025628.D

Acq: 08 Dec 2021 18:43

Instrument :

MSVOA_X

ClientSampleId :

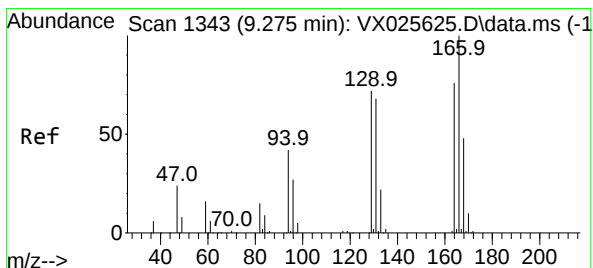
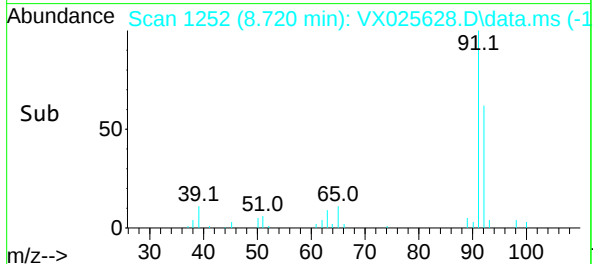
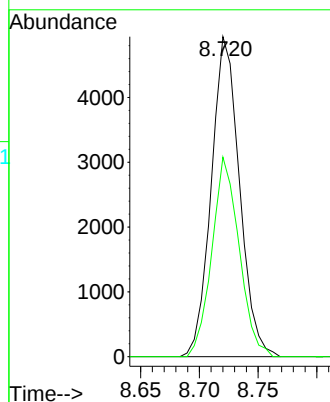
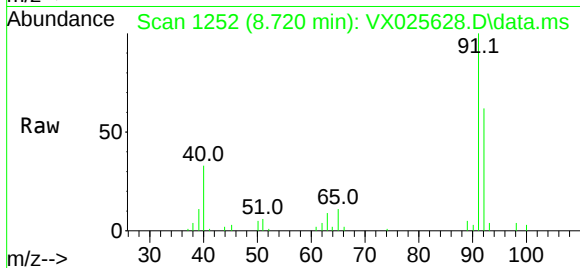
EW9H1ME

Tgt Ion: 91 Resp: 8245

Ion Ratio Lower Upper

91 100

92 62.4 41.2 76.6



#46

Tetrachloroethene

Concen: 7.394 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX025628.D

Acq: 08 Dec 2021 18:43

Tgt Ion: 164 Resp: 5801

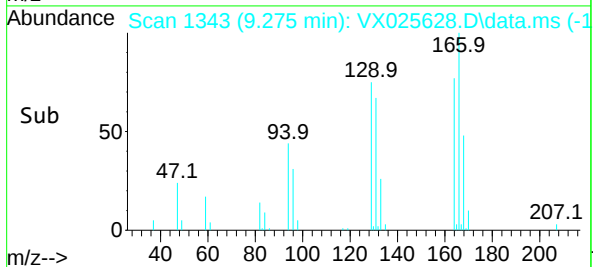
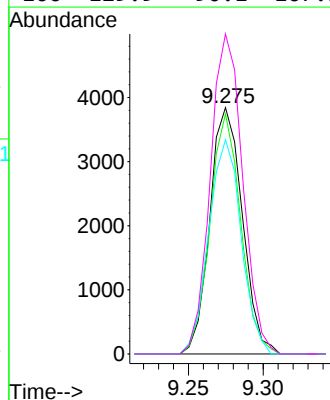
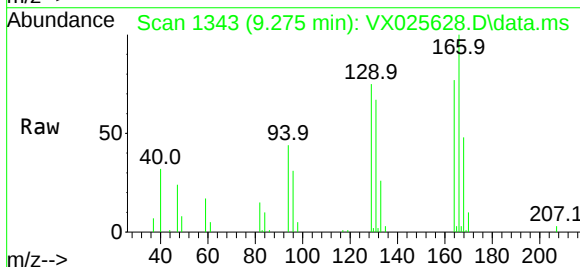
Ion Ratio Lower Upper

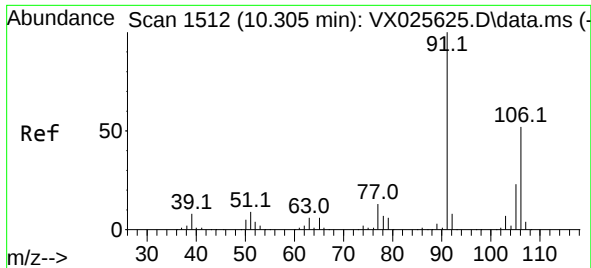
164 100

129 97.4 64.7 120.1

131 87.0 63.2 117.4

166 129.9 90.1 167.3

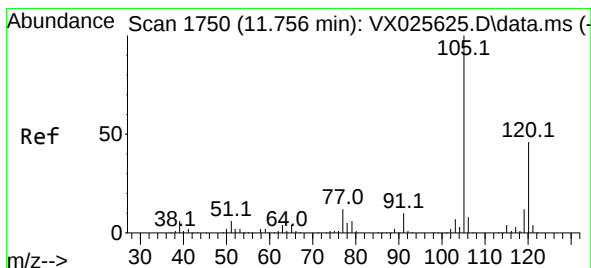
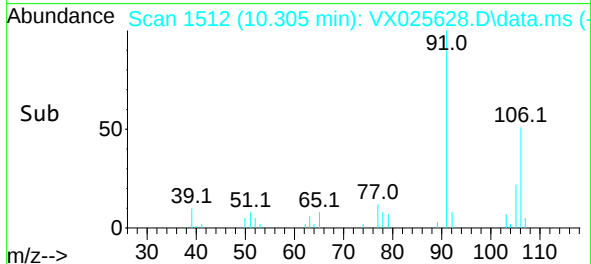
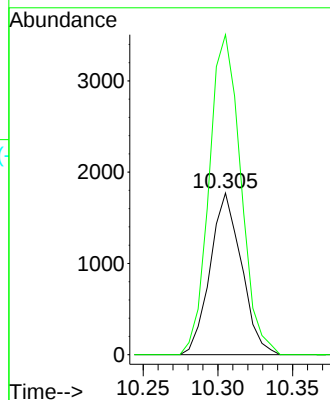
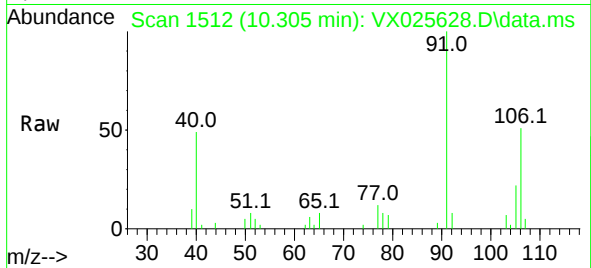




#53
m,p-Xylene
Concen: 1.529 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025628.D
Acq: 08 Dec 2021 18:43

Instrument :
MSVOA_X
ClientSampleId :
EW9H1ME

Tgt Ion:106 Resp: 2582
Ion Ratio Lower Upper
106 100
91 198.0 136.8 254.2



#63
1,2,4-Trimethylbenzene
Concen: 0.956 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025628.D
Acq: 08 Dec 2021 18:43

Tgt Ion:105 Resp: 3559
Ion Ratio Lower Upper
105 100
120 44.3 0.1 0.1#

