

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101921\
 Data File : VX024845.D
 Acq On : 19 Oct 2021 13:56
 Operator : JC/MD
 Sample : M4181-14ME
 Misc : 5.60g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AZ2ME

Quant Time: Oct 20 04:22:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 04:21:44 2021
 Response via : Initial Calibration

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

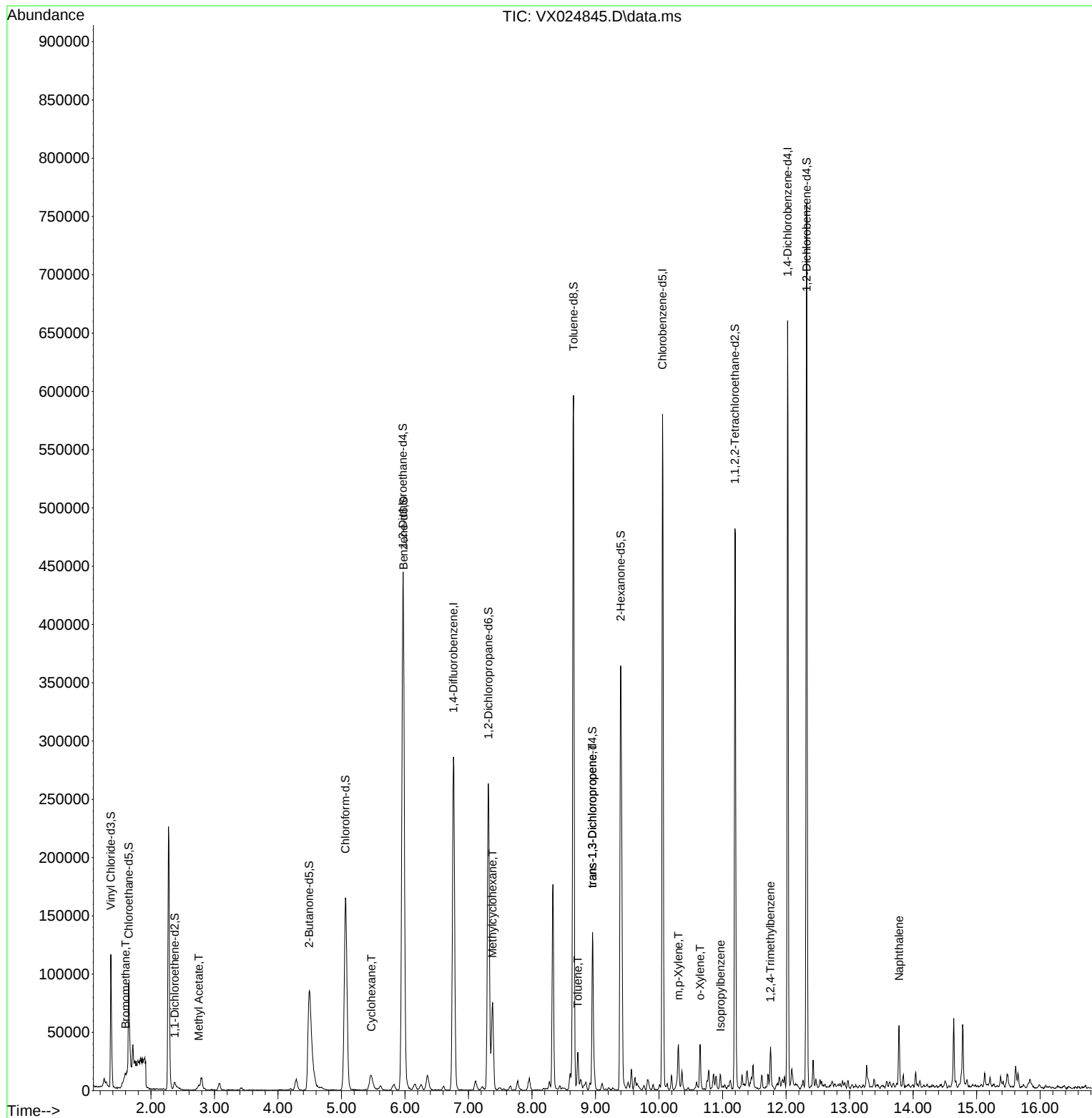
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	299630	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	270454	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	142342	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	86994	46.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.780%
7) Chloroethane-d5	1.648	69	55313	45.293	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.580%
11) 1,1-Dichloroethene-d2	2.373	63	159	0.044	ug/L	0.06
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.080%#
21) 2-Butanone-d5	4.489	46	226401	148.440	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	148.440%#
24) Chloroform-d	5.062	84	210691	56.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.160%
26) 1,2-Dichloroethane-d4	5.964	65	151751	57.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.220%
32) Benzene-d6	5.976	84	402448	52.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	7.312	67	140875	59.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.240%
41) Toluene-d8	8.653	98	371670	50.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.140%
43) trans-1,3-Dichloroprop...	8.952	79	62886	53.261	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.520%
47) 2-Hexanone-d5	9.397	63	149107	133.289	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.290%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	199191	60.696	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	121.400%#
66) 1,2-Dichlorobenzene-d4	12.323	152	159854	57.397	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.800%
Target Compounds						Qvalue
6) Bromomethane	1.599	94	972	0.807	ug/L	83
15) Methyl Acetate	2.751	43	3506	1.460	ug/L #	53
29) Cyclohexane	5.470	56	9179	2.734	ug/L #	20
35) Methylcyclohexane	7.379	83	31948	8.736	ug/L	95
42) Toluene	8.720	91	20448	2.192	ug/L	92
44) trans-1,3-Dichloropropene	8.952	75	2673	0.829	ug/L	84
53) m,p-Xylene	10.305	106	8147	2.171	ug/L	99
54) o-Xylene	10.646	106	8531	2.276	ug/L	89
60) Isopropylbenzene	10.969	105	6402	0.653	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	12591	1.496	ug/L	96
71) Naphthalene	13.780	128	31581	3.405	ug/L #	96

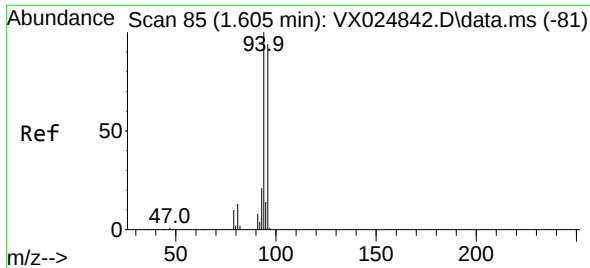
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 20 04:21:44 2021
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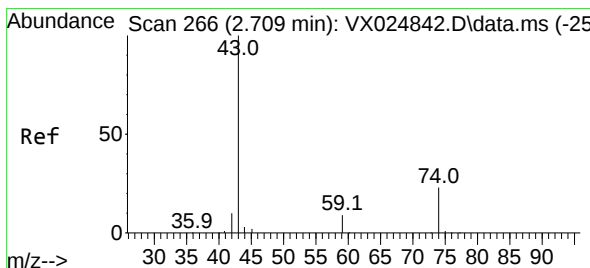
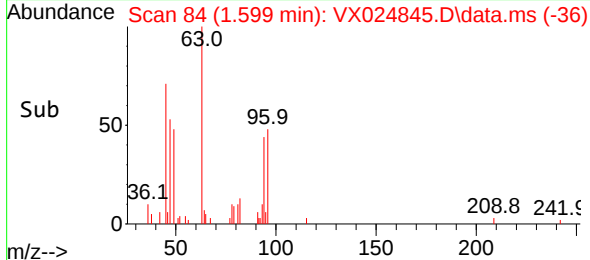
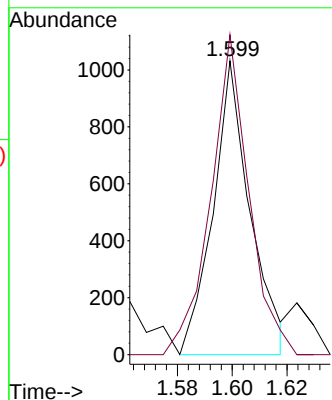
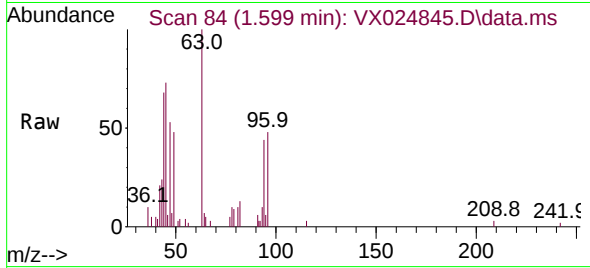




#6
Bromomethane
Concen: 0.807 ug/L
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

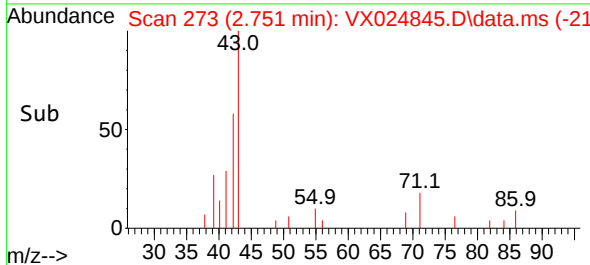
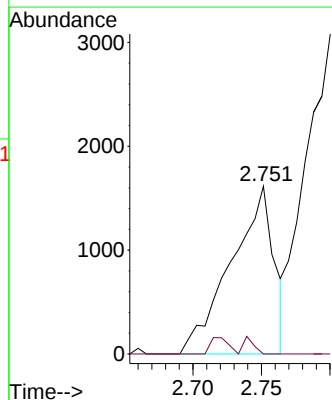
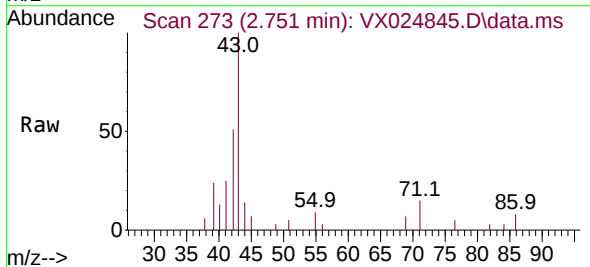
Instrument :
MSVOA_X
ClientSampleId :
C0AZ2ME

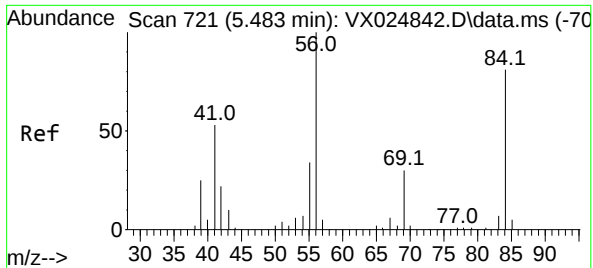
Tgt Ion: 94 Resp: 972
Ion Ratio Lower Upper
94 100
96 108.9 64.8 120.3



#15
Methyl Acetate
Concen: 1.460 ug/L
RT: 2.751 min Scan# 273
Delta R.T. 0.043 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

Tgt Ion: 43 Resp: 3506
Ion Ratio Lower Upper
43 100
74 2.5 21.7 32.5#

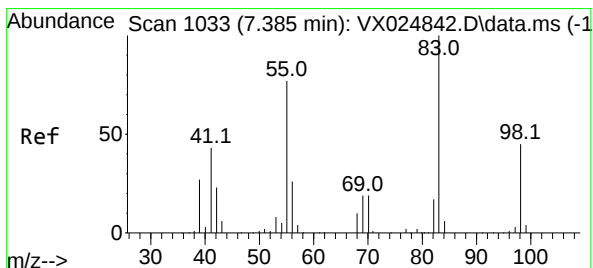
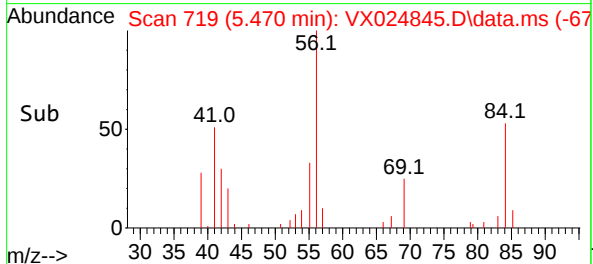
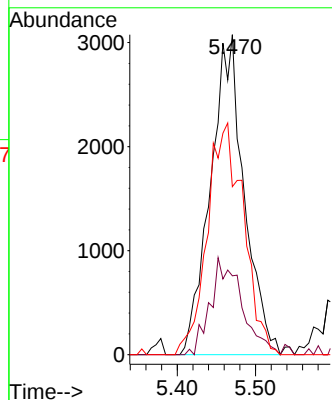
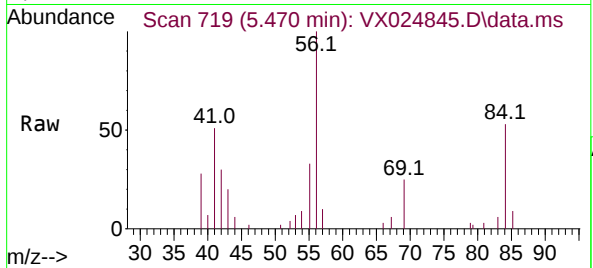




#29
Cyclohexane
Concen: 2.734 ug/L
RT: 5.470 min Scan# 719
Delta R.T. -0.012 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

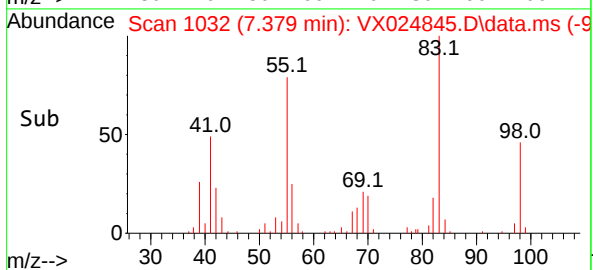
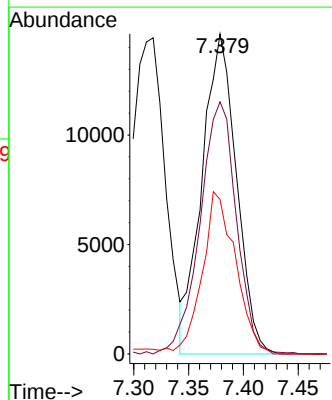
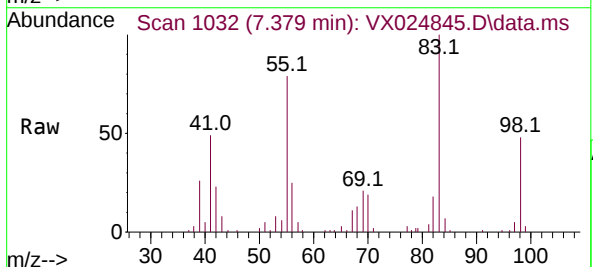
Instrument :
MSVOA_X
ClientSampleId :
C0AZ2ME

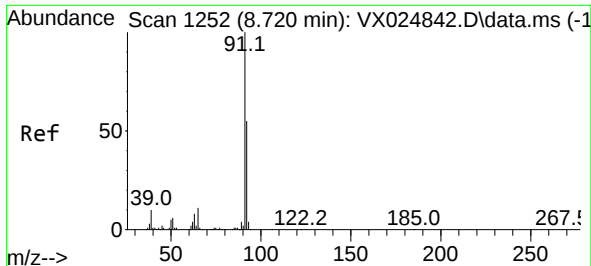
Tgt Ion: 56 Resp: 9179
Ion Ratio Lower Upper
56 100
69 0.0 25.7 38.5#
84 6.9 72.4 108.6#



#35
Methylcyclohexane
Concen: 8.736 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

Tgt Ion: 83 Resp: 31948
Ion Ratio Lower Upper
83 100
55 83.2 61.2 91.8
98 48.6 38.7 58.1

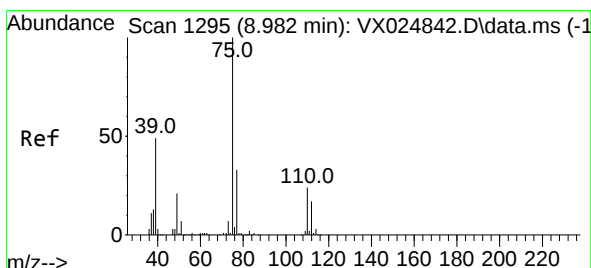
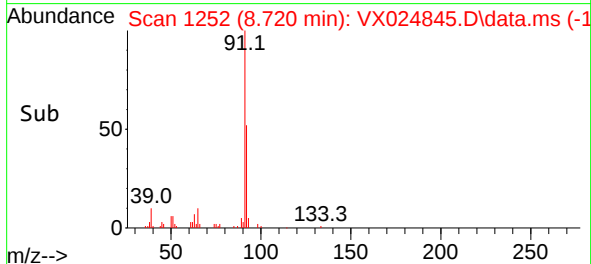
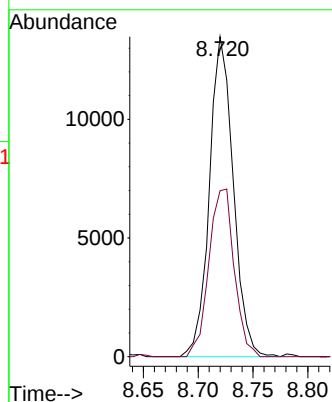
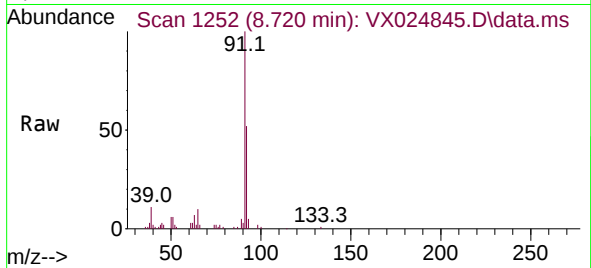




#42
Toluene
Concen: 2.192 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

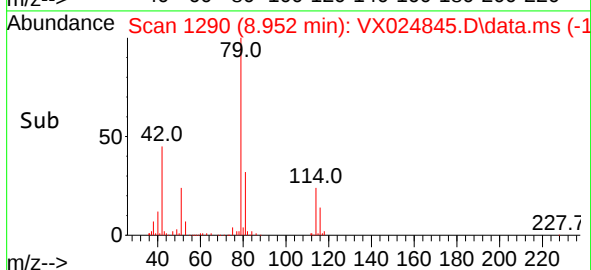
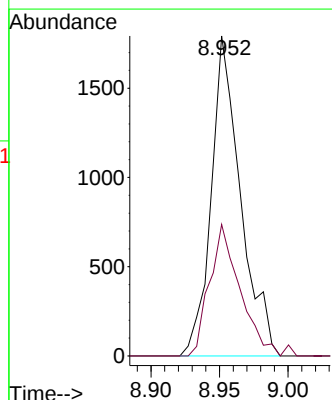
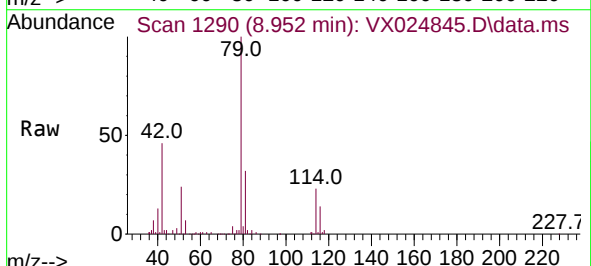
Instrument :
MSVOA_X
ClientSampleId :
C0AZ2ME

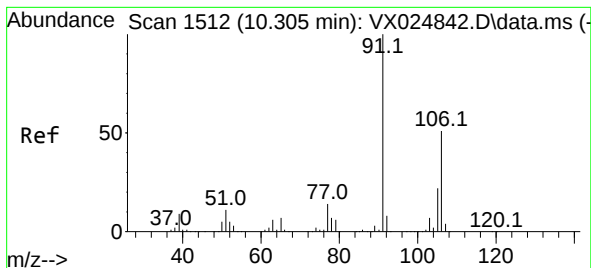
Tgt Ion: 91 Resp: 20448
Ion Ratio Lower Upper
91 100
92 51.9 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 0.829 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.030 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

Tgt Ion: 75 Resp: 2673
Ion Ratio Lower Upper
75 100
77 41.1 22.4 41.6

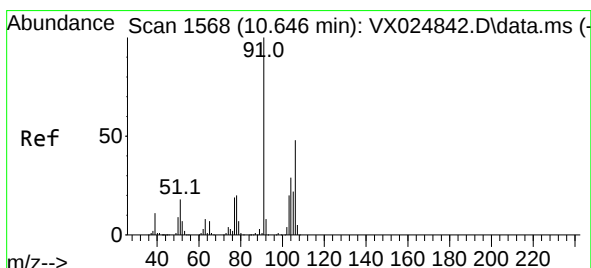
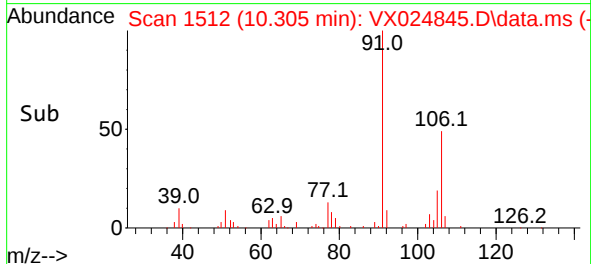
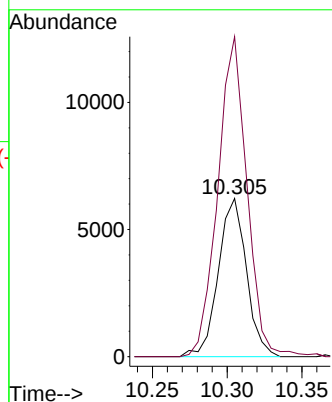
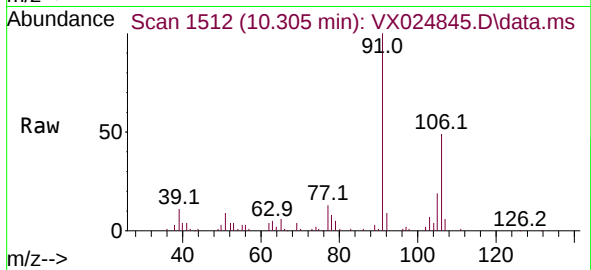




#53
m,p-Xylene
Concen: 2.171 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

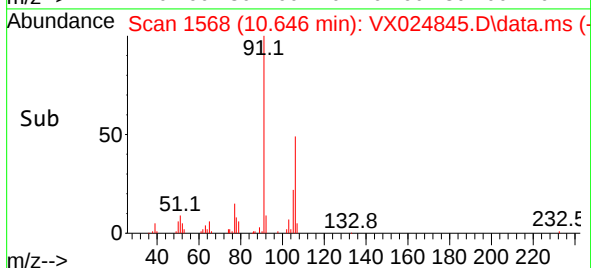
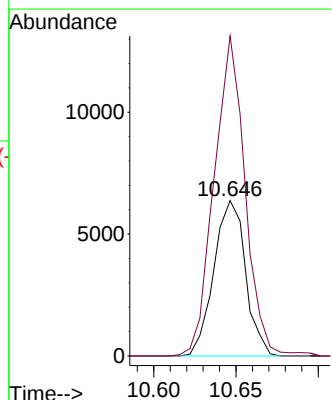
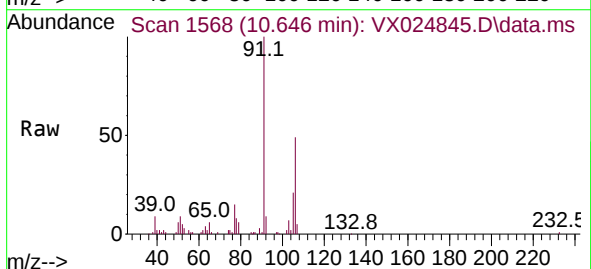
Instrument :
MSVOA_X
ClientSampleId :
C0AZ2ME

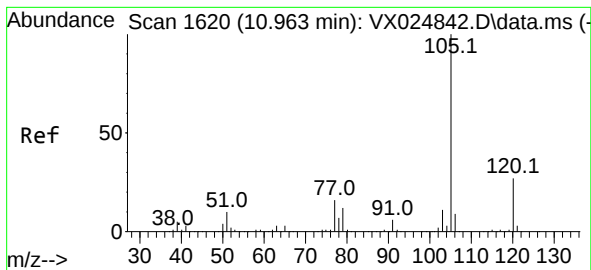
Tgt Ion:106 Resp: 8147
Ion Ratio Lower Upper
106 100
91 202.3 142.5 264.6



#54
o-Xylene
Concen: 2.276 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX024845.D
Acq: 19 Oct 2021 13:56

Tgt Ion:106 Resp: 8531
Ion Ratio Lower Upper
106 100
91 206.0 156.2 290.0





#60

Isopropylbenzene

Concen: 0.653 ug/L

RT: 10.969 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VX024845.D

Acq: 19 Oct 2021 13:56

Tgt Ion:105 Resp: 6402

Ion Ratio Lower Upper

105 100

120 25.2 21.2 31.8

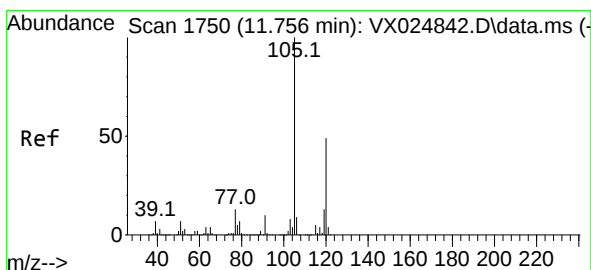
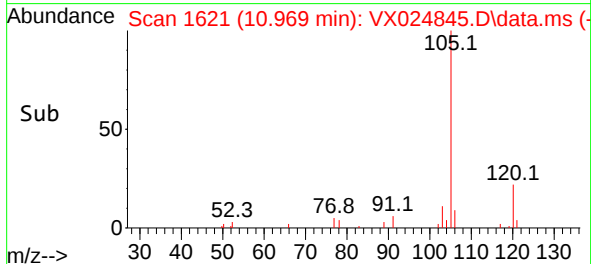
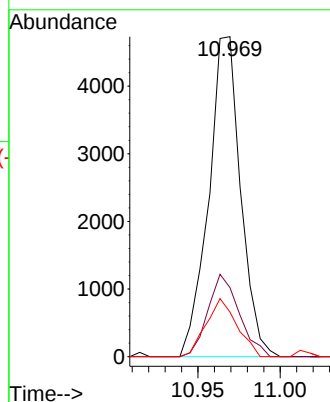
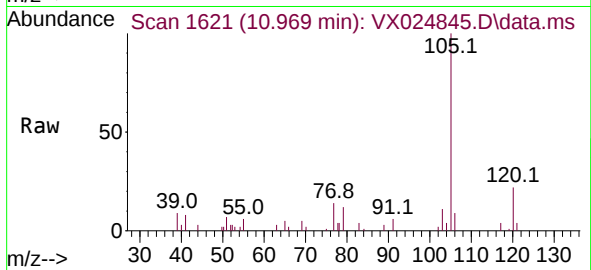
77 17.5 12.6 18.8

Instrument :

MSVOA_X

ClientSampleId :

C0AZ2ME



#63

1,2,4-Trimethylbenzene

Concen: 1.496 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX024845.D

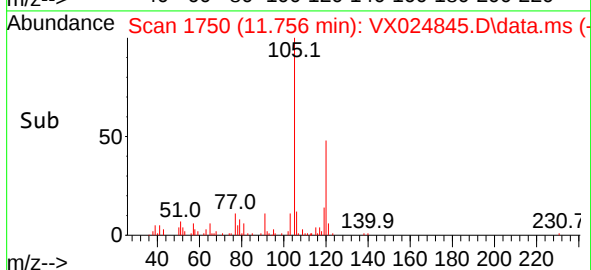
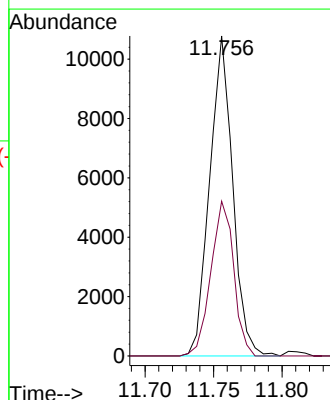
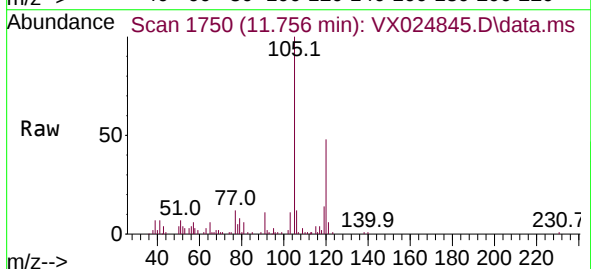
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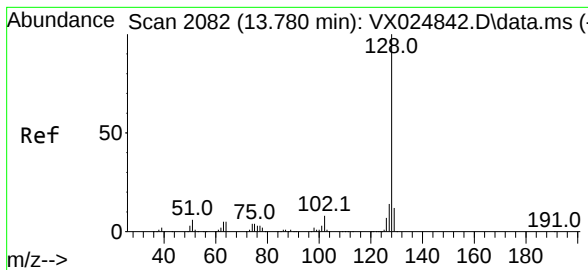
Tgt Ion:105 Resp: 12591

Ion Ratio Lower Upper

105 100

120 47.9 36.4 54.6





#71
Naphthalene
Concen: 3.405 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
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Acq: 19 Oct 2021 13:56

Instrument :
MSVOA_X
ClientSampleId :
C0AZ2ME

Tgt Ion:128 Resp: 31581
Ion Ratio Lower Upper
128 100
127 15.5 10.2 15.2#
129 11.0 8.6 13.0

