

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024659.D
 Acq On : 07 Oct 2021 20:31
 Operator : JC/MD
 Sample : M4070-06ME
 Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW7D7

Quant Time: Oct 07 23:11:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258004	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	241037	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	133671	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	58043	36.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.660%
7) Chloroethane-d5	1.648	69	23297	22.155	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.300%#
11) 1,1-Dichloroethene-d2	2.270	63	86979	27.732	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.460%#
21) 2-Butanone-d5	4.513	46	80629	61.394	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.390%
24) Chloroform-d	5.068	84	141771	43.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	5.964	65	105537	46.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.240%
32) Benzene-d6	5.971	84	288941	42.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.100%
36) 1,2-Dichloropropane-d6	7.312	67	92517	43.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	8.653	98	270301	40.860	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	8.952	79	41424	39.366	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.740%
47) 2-Hexanone-d5	9.403	63	94483	94.767	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.770%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	136024	46.507	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	120477	46.064	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.120%

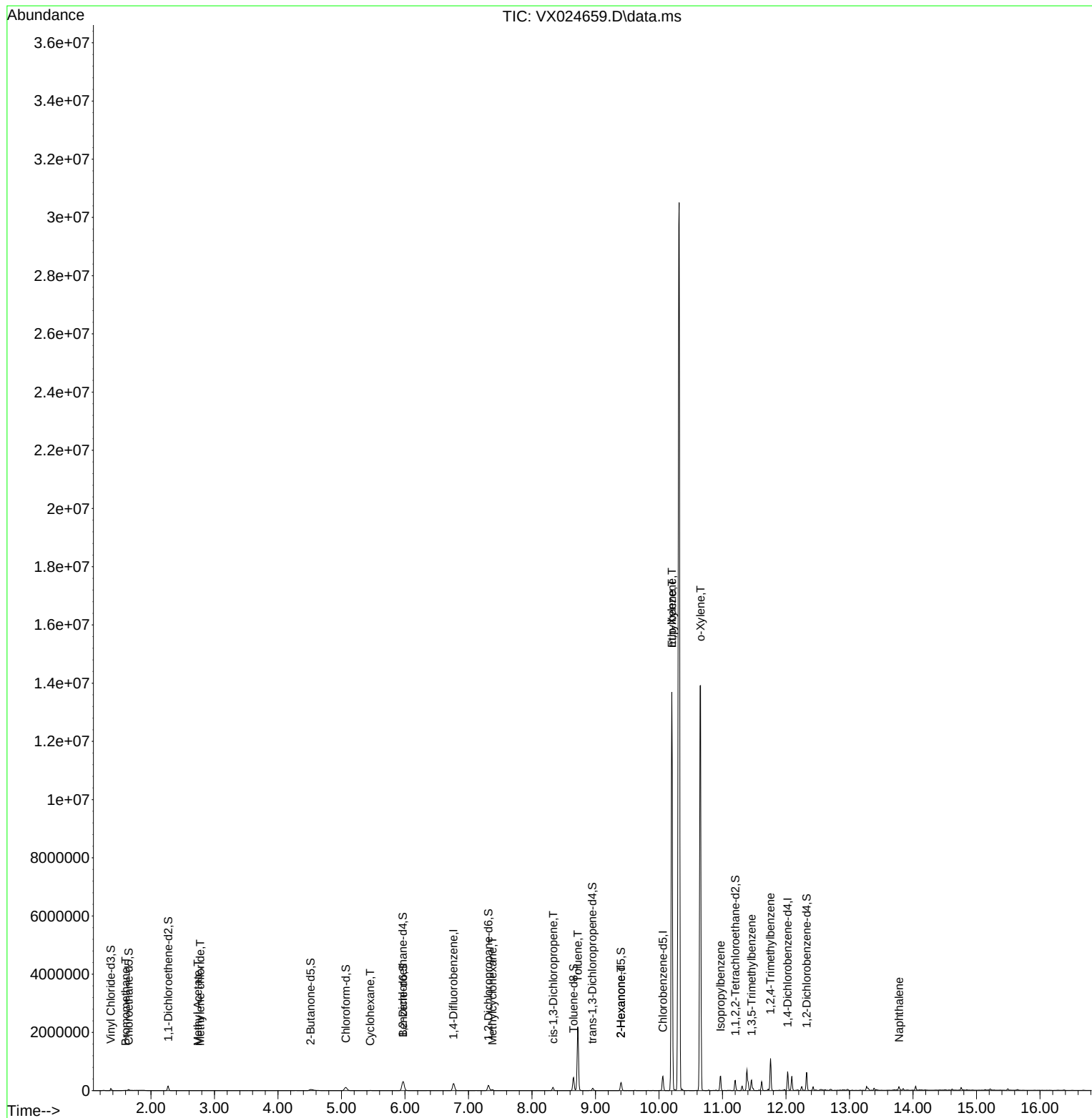
Target Compounds						Qvalue
6) Bromomethane	1.599	94	1080	1.042	ug/L	86
15) Methyl Acetate	2.739	43	2677	1.294	ug/L #	77
16) Methylene chloride	2.776	84	1717	0.963	ug/L	76
29) Cyclohexane	5.452	56	4842	1.618	ug/L #	57
35) Methylcyclohexane	7.379	83	14862	4.560	ug/L	96
39) cis-1,3-Dichloropropene	8.336	75	2855	0.971	ug/L #	76
42) Toluene	8.720	91	1425185	171.432	ug/L	98
48) 2-Hexanone	9.403	43	13480	5.536	ug/L #	55
52) Ethylbenzene	10.201	91	7803317	911.605	ug/L	85
53) m,p-Xylene	10.201	106	2773319	829.282	ug/L	62
54) o-Xylene	10.653	106	3434561	1028.208	ug/L	79
60) Isopropylbenzene	10.970	105	269998	29.332	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	162094	20.049	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	478570	60.553	ug/L	98
71) Naphthalene	13.780	128	73398	8.428	ug/L	98

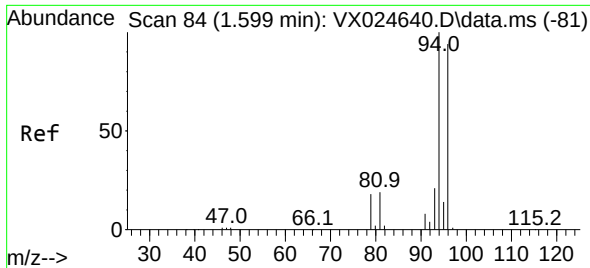
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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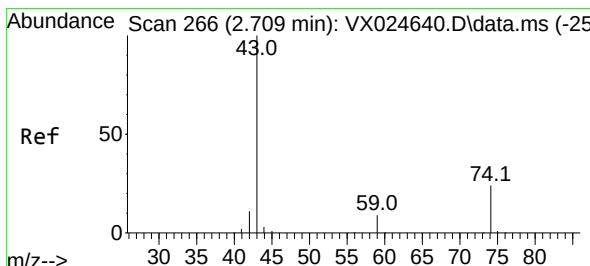
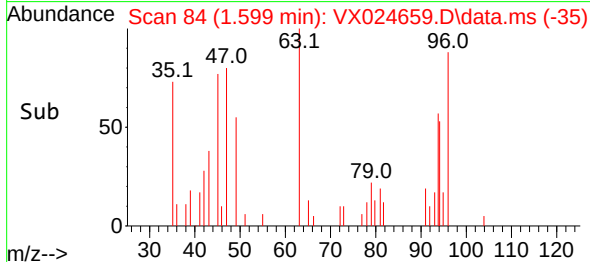
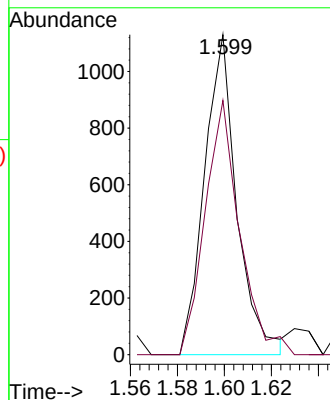
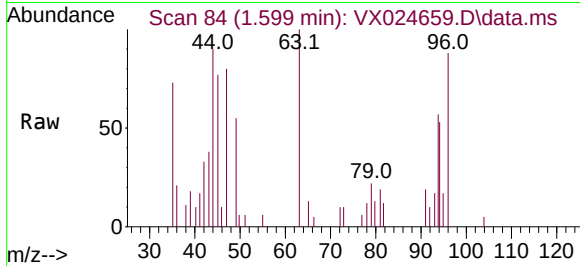




#6
Bromomethane
Concen: 1.042 ug/L
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

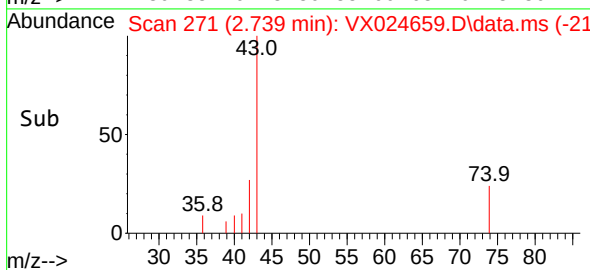
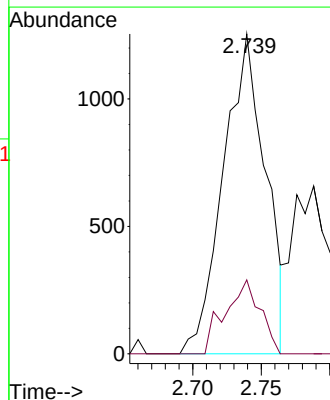
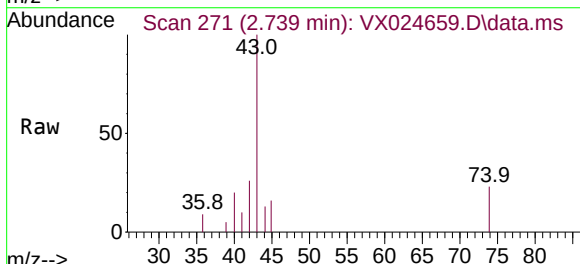
Instrument :
MSVOA_X
ClientSampleId :
EW7D7

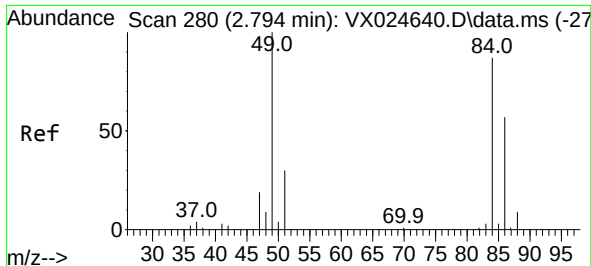
Tgt Ion: 94 Resp: 1080
Ion Ratio Lower Upper
94 100
96 79.5 64.8 120.3



#15
Methyl Acetate
Concen: 1.294 ug/L
RT: 2.739 min Scan# 271
Delta R.T. 0.031 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
74 15.3 21.7 32.5#

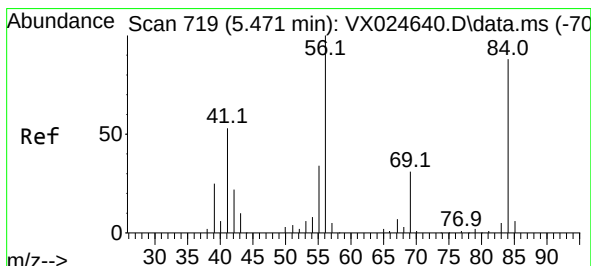
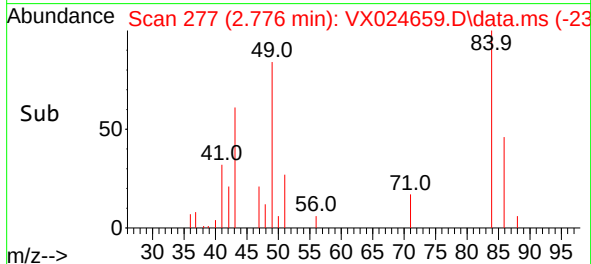
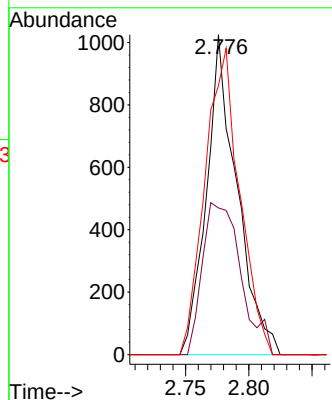
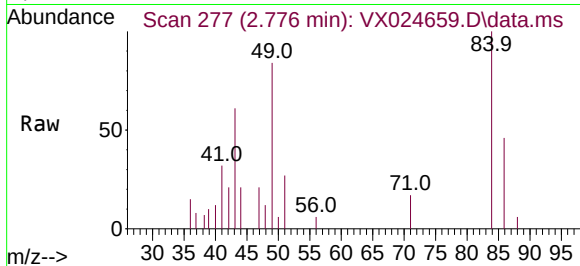




#16
Methylene chloride
Concen: 0.963 ug/L
RT: 2.776 min Scan# 277
Delta R.T. -0.018 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

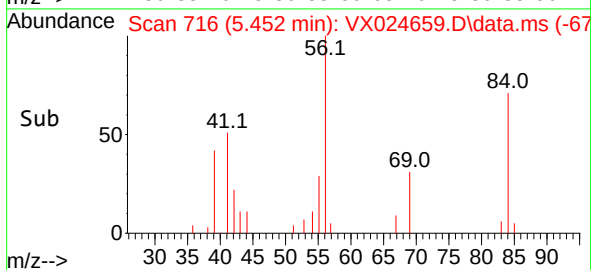
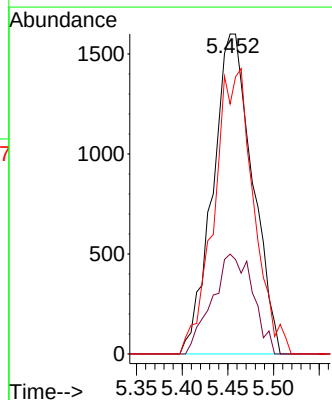
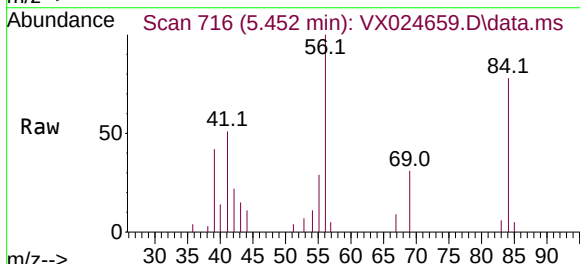
Instrument :
MSVOA_X
ClientSampled :
EW7D7

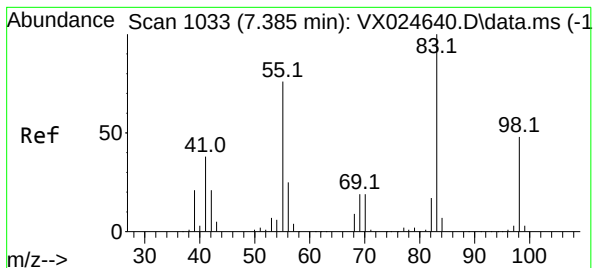
Tgt Ion:	84	Resp:	1717
Ion	Ratio	Lower	Upper
84	100		
86	45.9	44.2	82.0
49	84.0	77.8	144.6



#29
Cyclohexane
Concen: 1.618 ug/L
RT: 5.452 min Scan# 716
Delta R.T. -0.018 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Tgt Ion:	56	Resp:	4842
Ion	Ratio	Lower	Upper
56	100		
69	22.8	25.7	38.5#
84	41.6	72.4	108.6#





#35

Methylcyclohexane

Concen: 4.560 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX024659.D

Acq: 07 Oct 2021 20:31

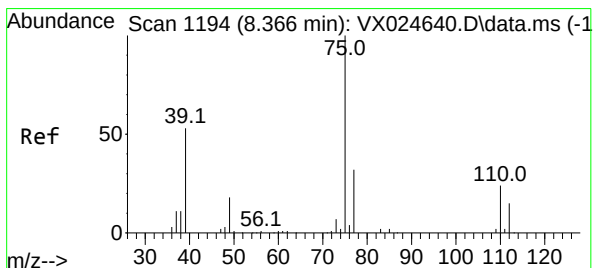
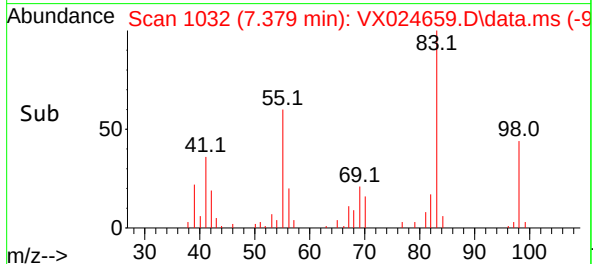
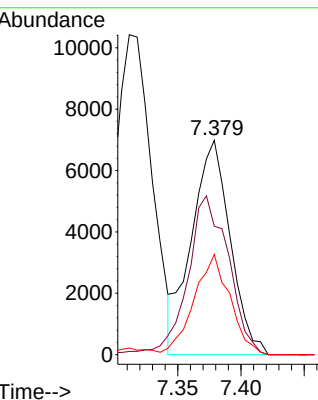
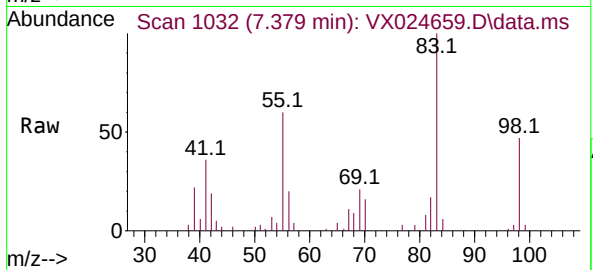
Tgt Ion: 83 Resp: 14862

Ion Ratio Lower Upper

83 100

55 78.4 61.2 91.8

98 43.4 38.7 58.1



#39

cis-1,3-Dichloropropene

Concen: 0.971 ug/L

RT: 8.336 min Scan# 1189

Delta R.T. -0.030 min

Lab File: VX024659.D

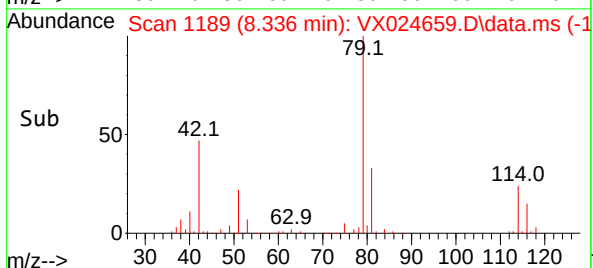
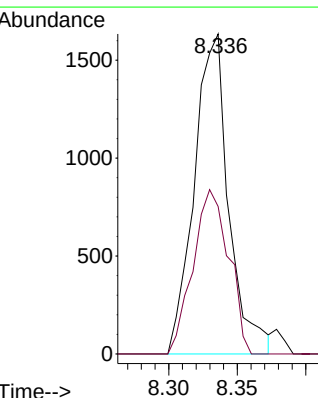
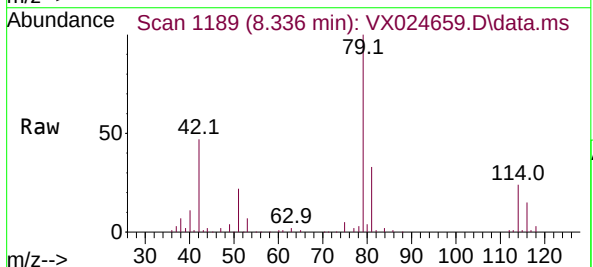
Acq: 07 Oct 2021 20:31

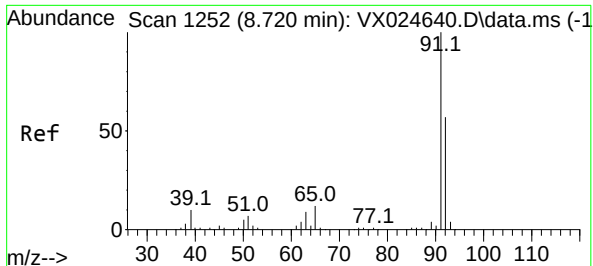
Tgt Ion: 75 Resp: 2855

Ion Ratio Lower Upper

75 100

77 46.1 22.7 42.3#

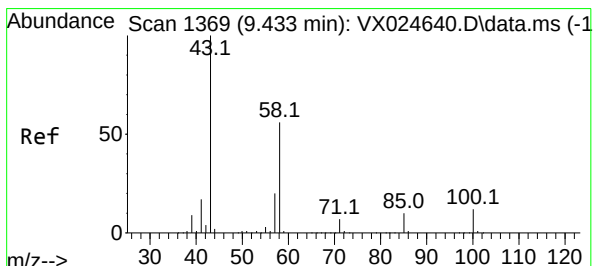
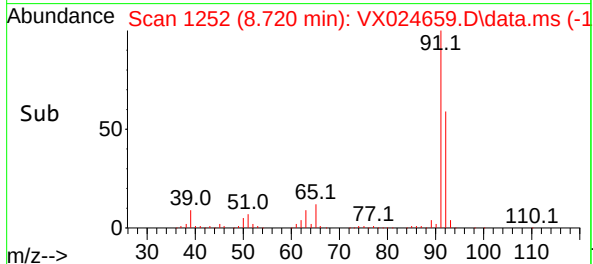
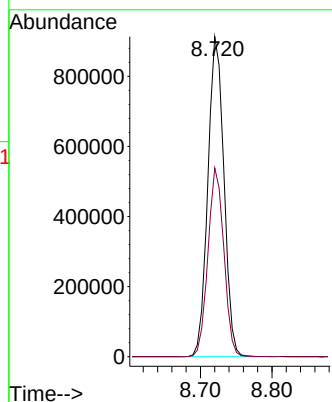
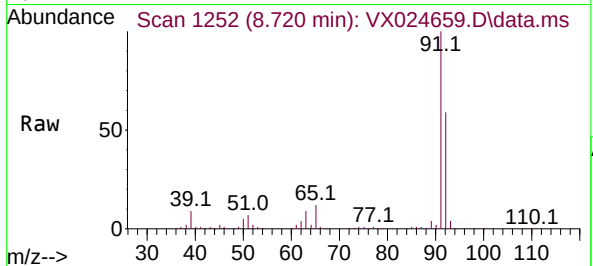




#42
Toluene
Concen: 171.432 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

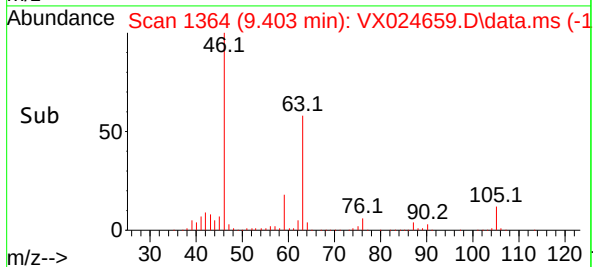
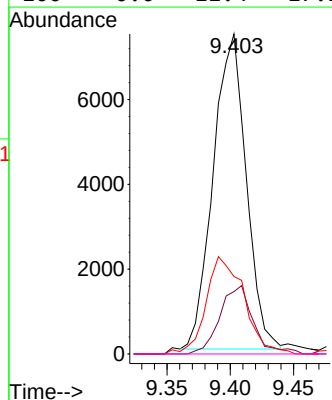
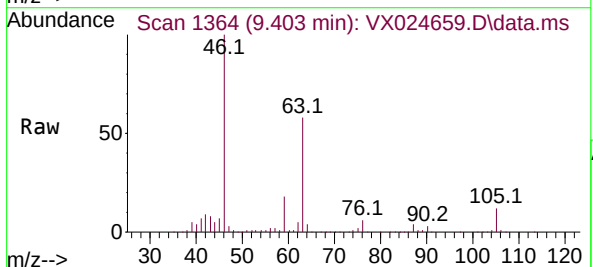
Instrument :
MSVOA_X
ClientSampled :
EW7D7

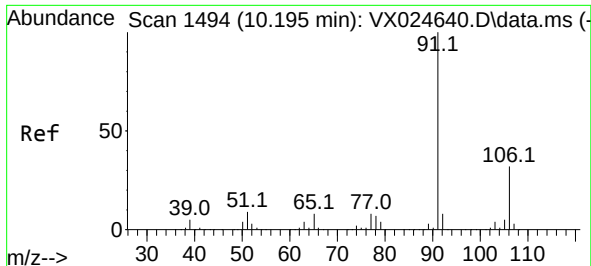
Tgt Ion: 91 Resp: 1425185
Ion Ratio Lower Upper
91 100
92 59.0 40.5 75.1



#48
2-Hexanone
Concen: 5.536 ug/L
RT: 9.403 min Scan# 1364
Delta R.T. -0.030 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 43 Resp: 13480
Ion Ratio Lower Upper
43 100
58 21.9 50.1 75.1#
57 35.7 17.3 25.9#
100 0.0 11.4 17.2#

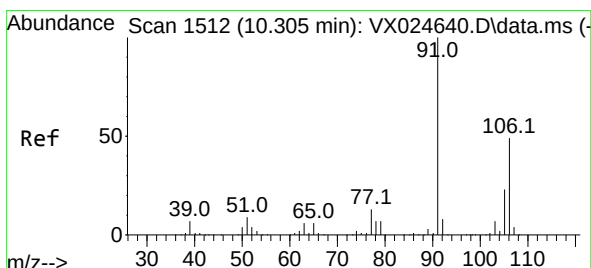
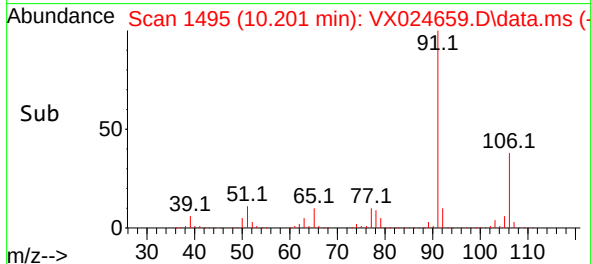
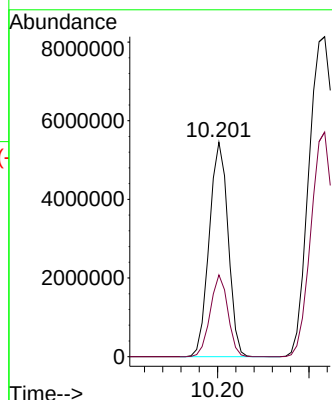
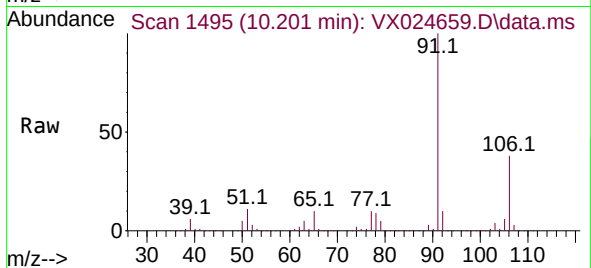




#52
Ethylbenzene
Concen: 911.605 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

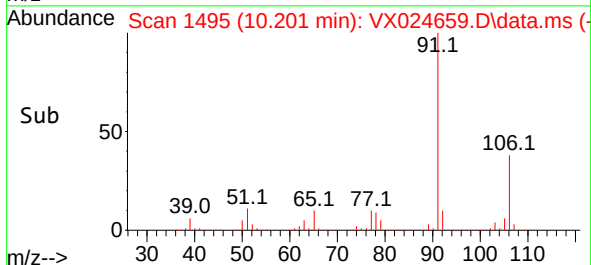
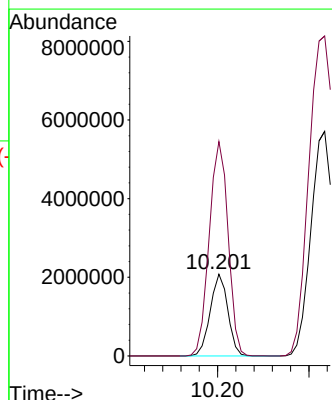
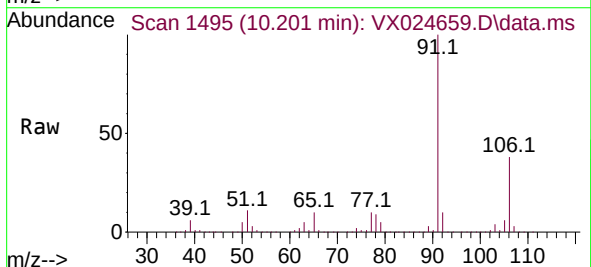
Instrument :
MSVOA_X
ClientSampleId :
EW7D7

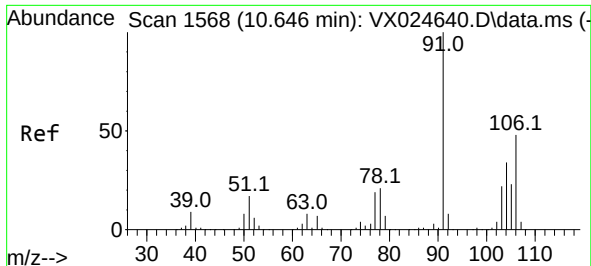
Tgt Ion: 91 Resp: 7803317
Ion Ratio Lower Upper
91 100
106 38.2 21.0 39.0



#53
m,p-Xylene
Concen: 829.282 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. -0.104 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Tgt Ion:106 Resp: 2773319
Ion Ratio Lower Upper
106 100
91 262.1 142.5 264.6

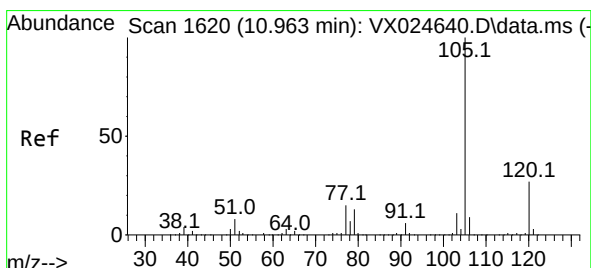
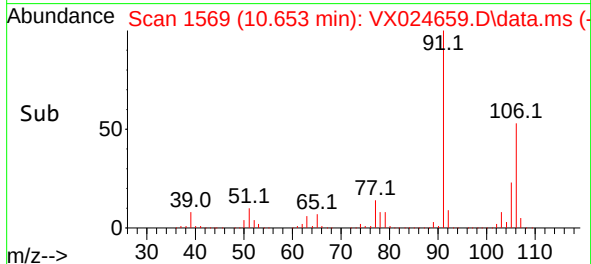
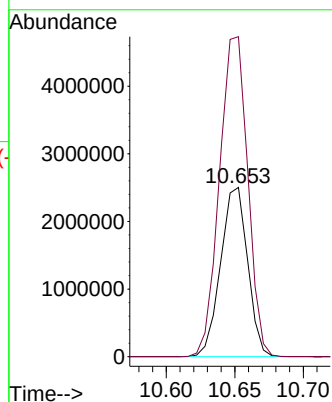
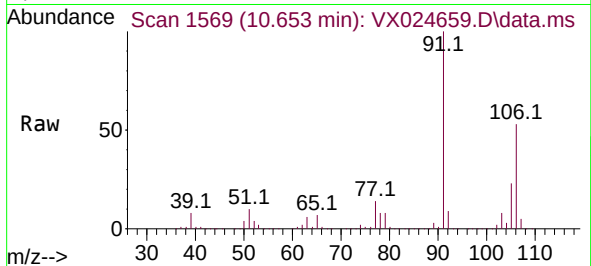




#54
o-Xylene
Concen: 1028.208 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

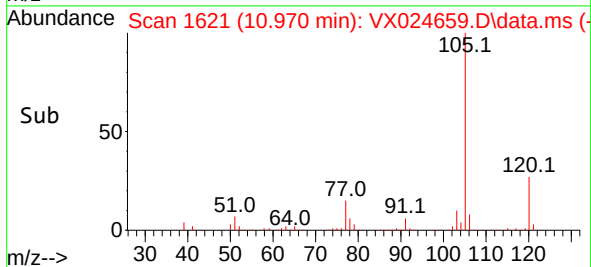
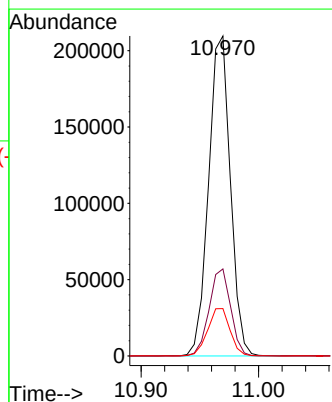
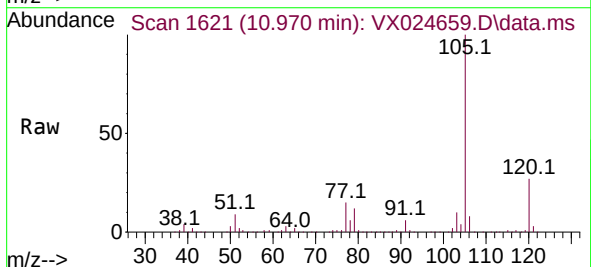
Instrument :
MSVOA_X
ClientSampleId :
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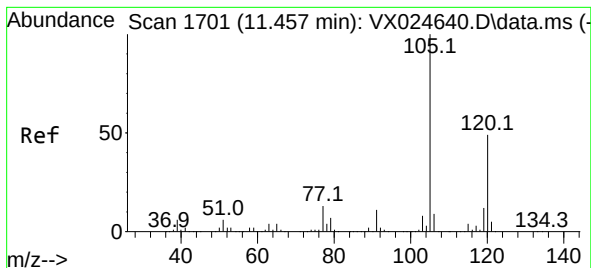
Tgt Ion:106 Resp: 3434561
Ion Ratio Lower Upper
106 100
91 189.1 156.2 290.0



#60
Isopropylbenzene
Concen: 29.332 ug/L
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Tgt Ion:105 Resp: 269998
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.3 12.6 18.8

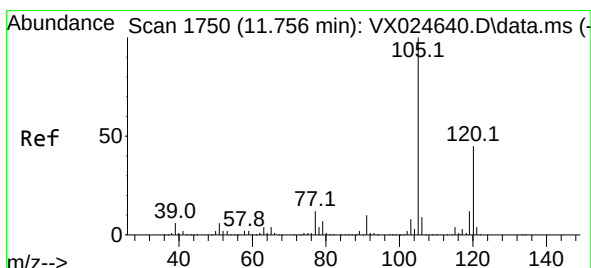
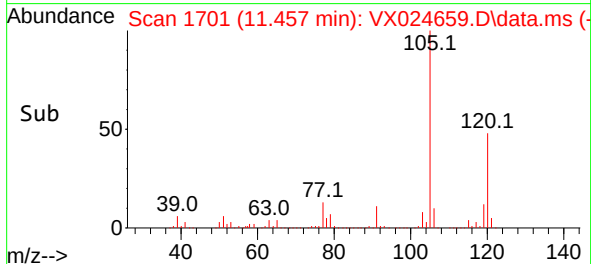
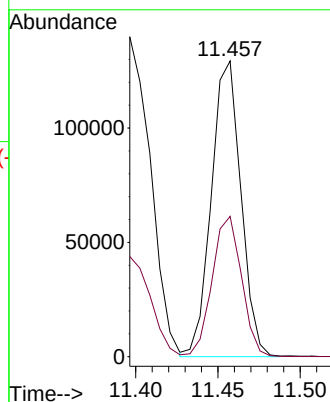
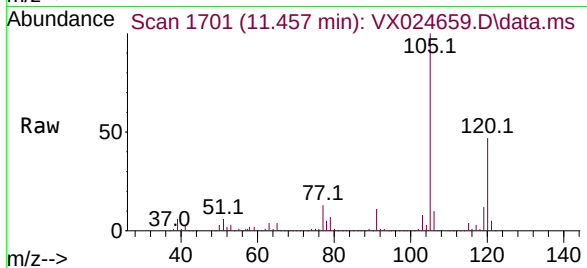




#62
1,3,5-Trimethylbenzene
Concen: 20.049 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

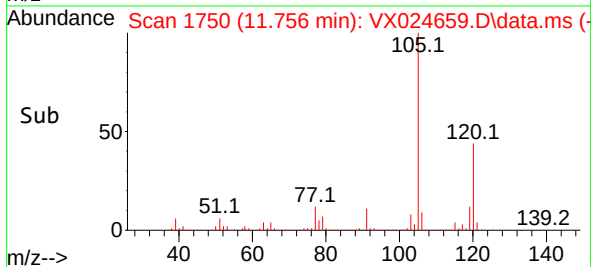
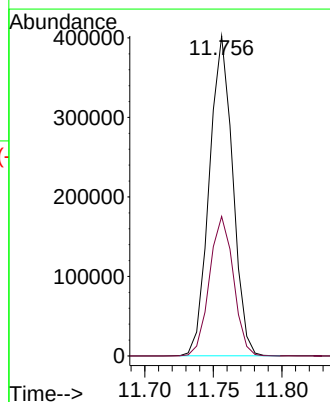
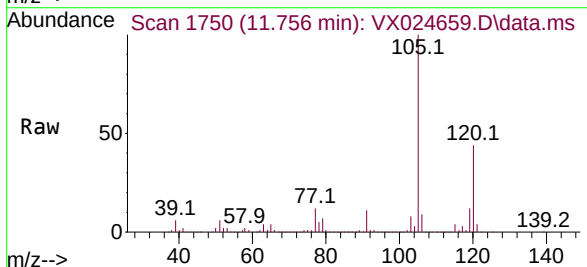
Instrument :
MSVOA_X
ClientSampled :
EW7D7

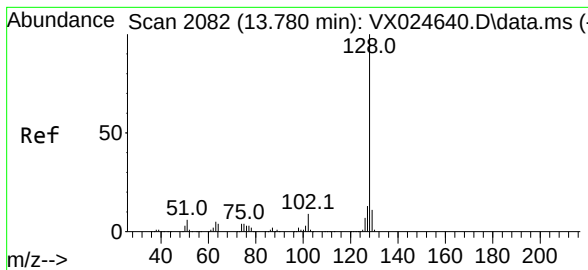
Tgt Ion:105 Resp: 162094
Ion Ratio Lower Upper
105 100
120 47.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 60.553 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Tgt Ion:105 Resp: 478570
Ion Ratio Lower Upper
105 100
120 44.5 36.4 54.6





#71
Naphthalene
Concen: 8.428 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024659.D
Acq: 07 Oct 2021 20:31

Instrument :
MSVOA_X
ClientSampleId :
EW7D7

Tgt Ion:	128	Resp:	73398
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	11.4	8.6	13.0

