

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042924\
 Data File : VX041275.D
 Acq On : 29 Apr 2024 14:40
 Operator : JC/MD
 Sample : P2183-02
 Misc : 1.28g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1233

Quant Time: Apr 30 02:10:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	154572	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	221729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	112494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78381	53.269	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.540%
35) Dibromofluoromethane	5.391	113	64675	47.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	8.653	98	252983	55.594	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.180%
62) 4-Bromofluorobenzene	11.079	95	96860	57.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.340%

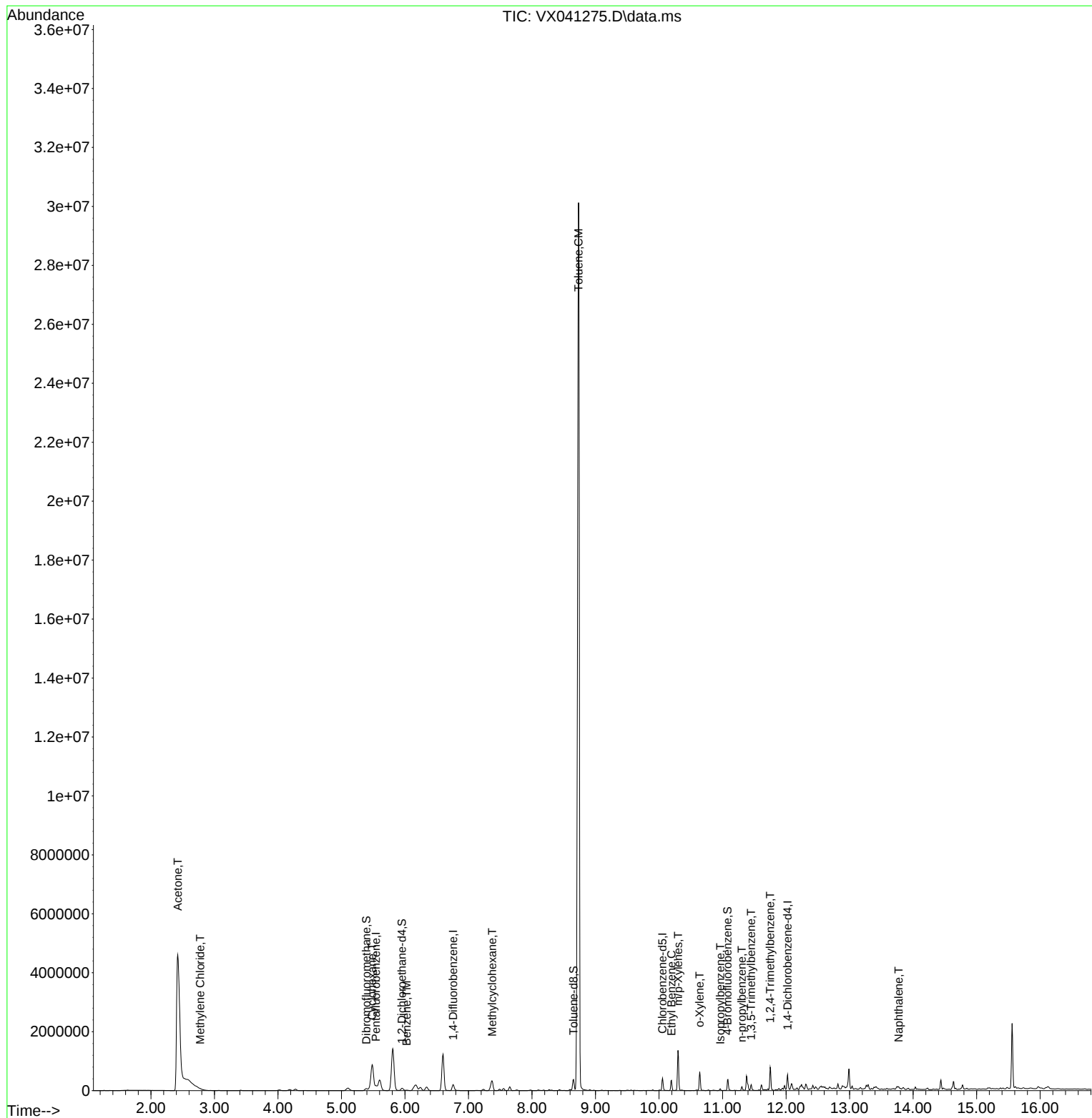
Target Compounds						Qvalue
16) Acetone	2.422	43	12413202	23176.780	ug/l	# 88
20) Methylene Chloride	2.776	84	2681	2.050	ug/l	# 85
31) Cyclohexane	5.483	56	238129	120.248	ug/l	# 54
39) Methylcyclohexane	7.373	83	152735	66.725	ug/l	95
40) Benzene	6.025	78	15753	2.956	ug/l	100
52) Toluene	8.732	92	14878864	4430.380	ug/l	# 73
67) Ethyl Benzene	10.195	91	204661	30.118	ug/l	98
68) m/p-Xylenes	10.299	106	327355	119.334	ug/l	91
69) o-Xylene	10.640	106	144203	54.049	ug/l	91
73) Isopropylbenzene	10.963	105	26605	3.801	ug/l	92
78) n-propylbenzene	11.305	91	79904	10.572	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	86077	14.782	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	339706	58.777	ug/l	91
95) Naphthalene	13.774	128	42618	5.838	ug/l	97

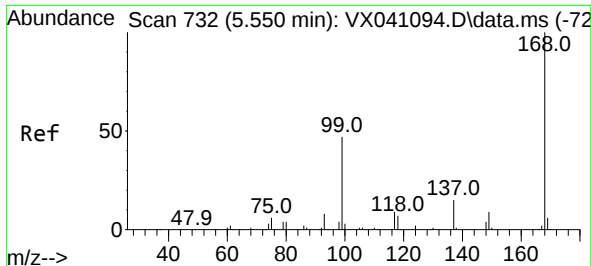
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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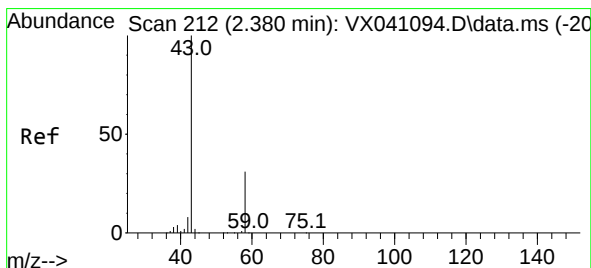
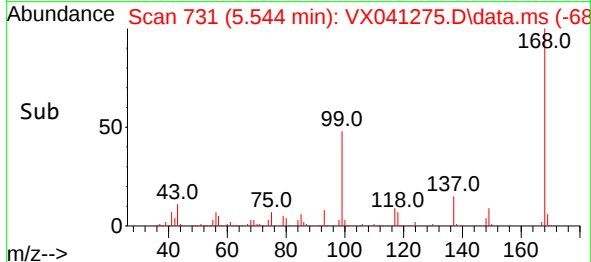
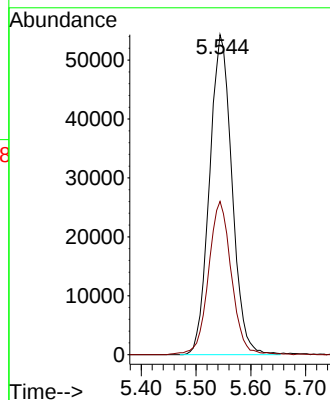
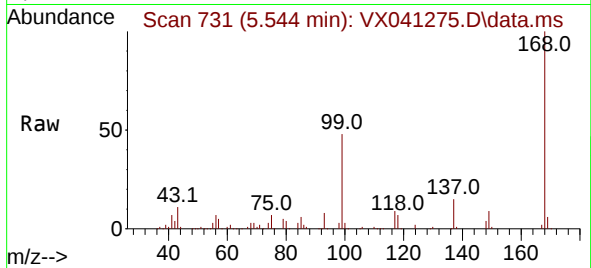




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

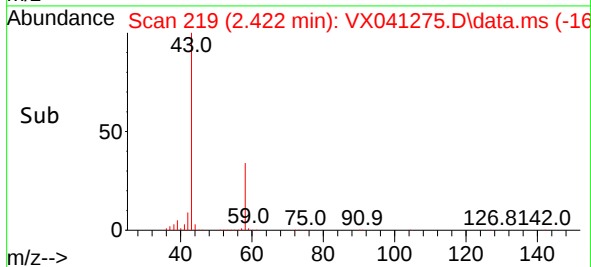
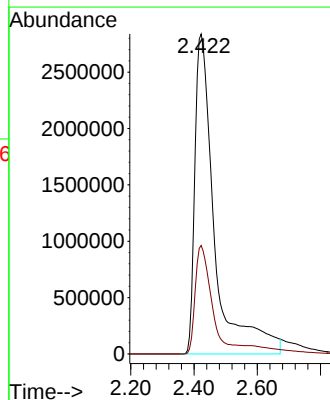
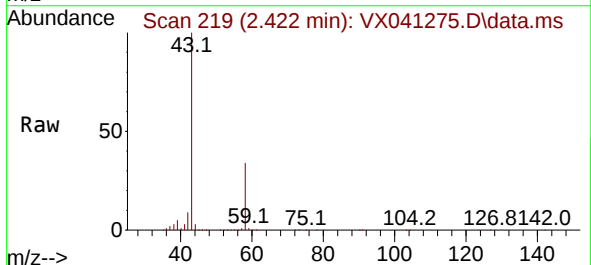
Instrument :
MSVOA_X
ClientSampleId :
1233

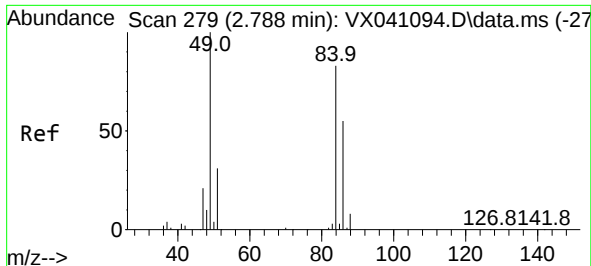
Tgt Ion:168 Resp: 154572
Ion Ratio Lower Upper
168 100
99 47.6 56.6 85.0#



#16
Acetone
Concen: 23176.780 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.024 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion: 43 Resp:12413202
Ion Ratio Lower Upper
43 100
58 33.9 21.9 32.9#

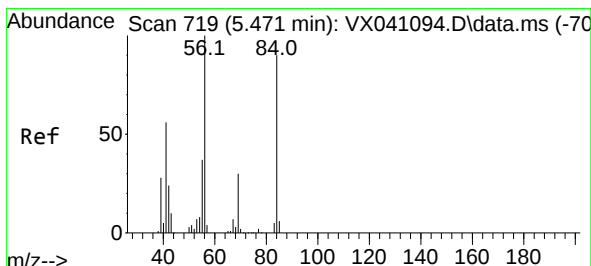
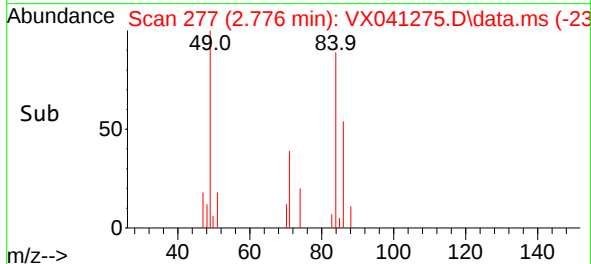
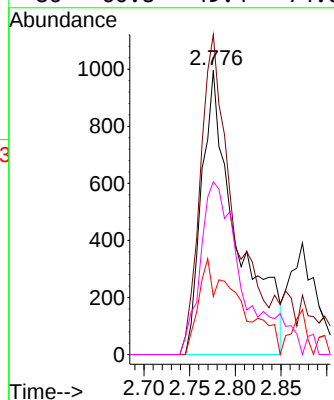
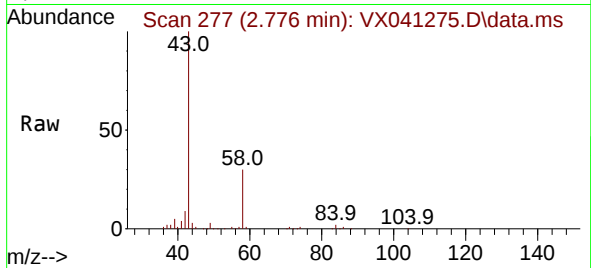




#20
Methylene Chloride
Concen: 2.050 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

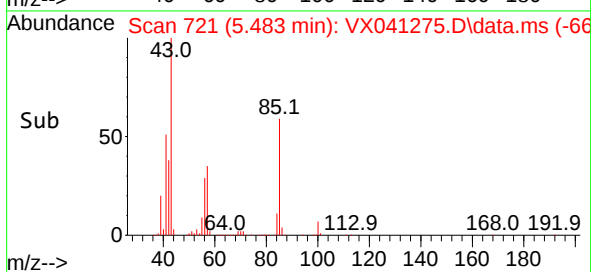
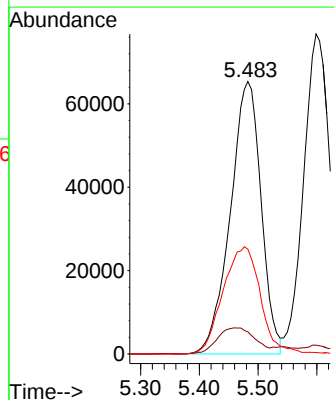
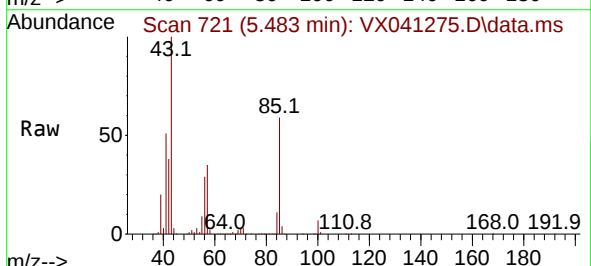
Instrument :
MSVOA_X
ClientSampleId :
1233

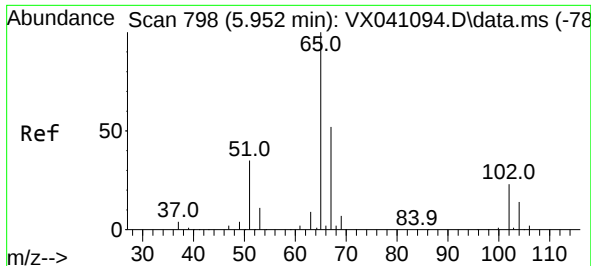
Tgt Ion:	84	Resp:	2681
Ion	Ratio	Lower	Upper
84	100		
49	112.6	103.6	155.4
51	20.5	33.8	50.6#
86	60.8	49.4	74.0



#31
Cyclohexane
Concen: 120.248 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.018 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion:	56	Resp:	238129
Ion	Ratio	Lower	Upper
56	100		
69	8.1	23.4	35.2#
84	38.5	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 53.269 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041275.D

Acq: 29 Apr 2024 14:40

Instrument :

MSVOA_X

ClientSampleId :

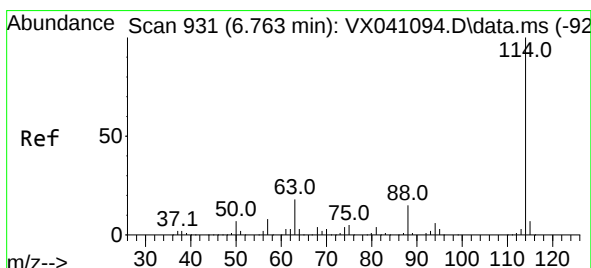
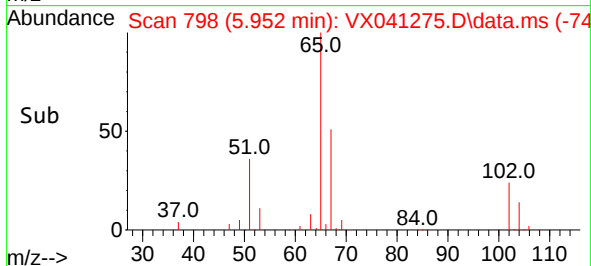
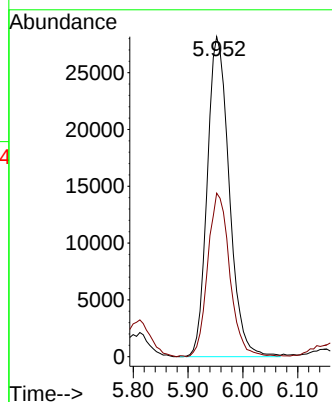
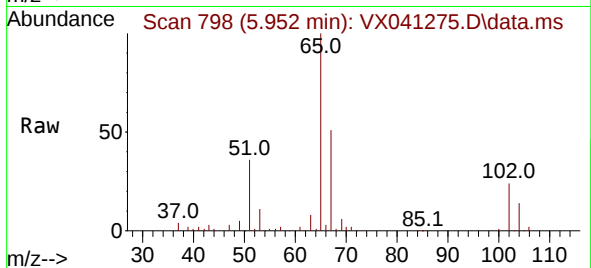
1233

Tgt Ion: 65 Resp: 78381

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX041275.D

Acq: 29 Apr 2024 14:40

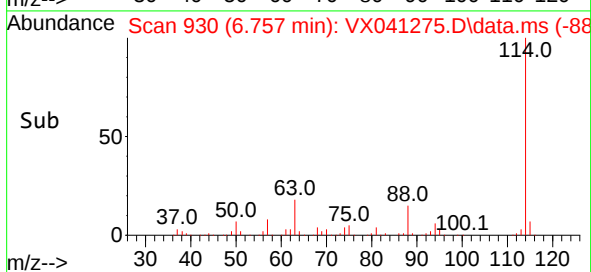
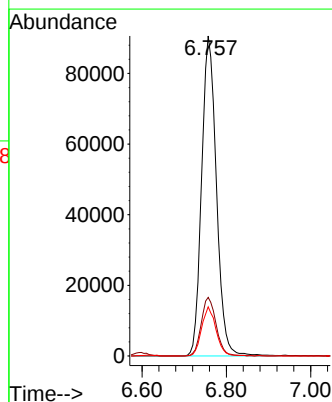
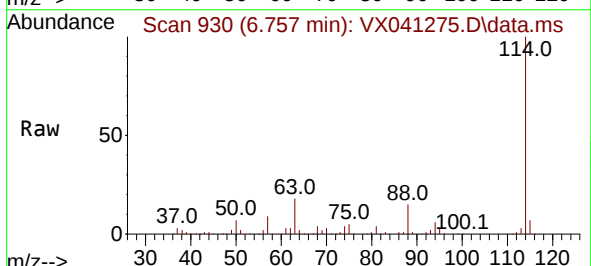
Tgt Ion: 114 Resp: 221729

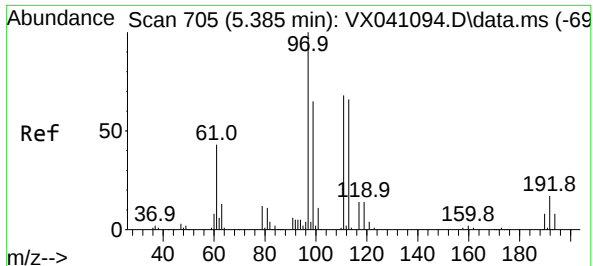
Ion Ratio Lower Upper

114 100

63 18.3 0.0 45.0

88 15.4 0.0 36.6

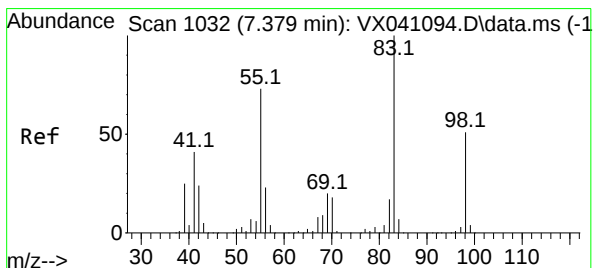
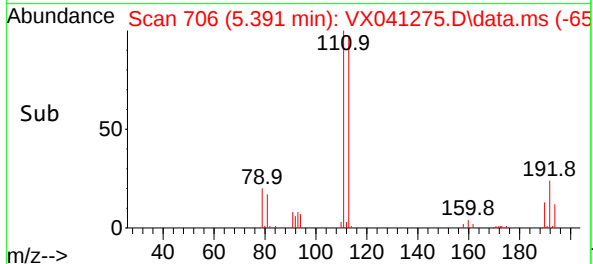
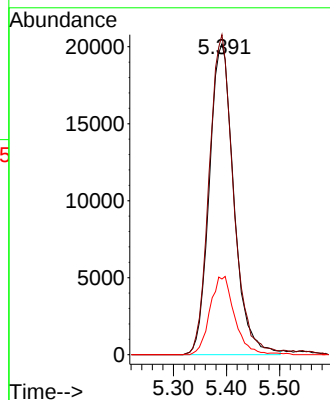
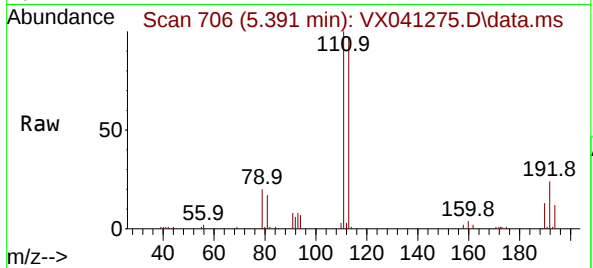




#35
Dibromofluoromethane
Concen: 47.952 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

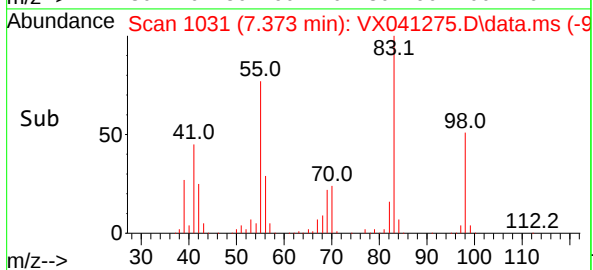
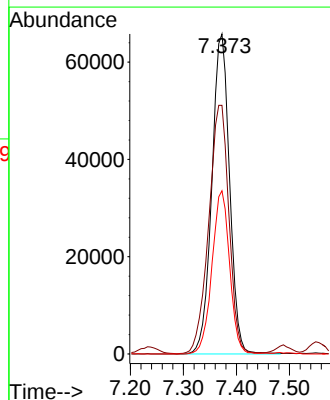
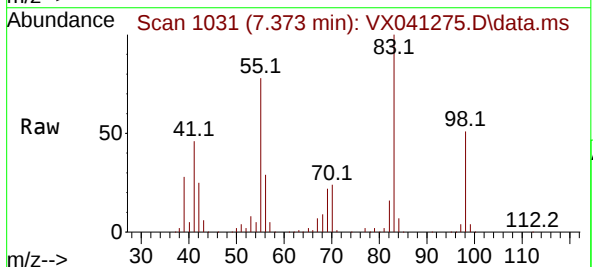
Instrument :
MSVOA_X
ClientSampleId :
1233

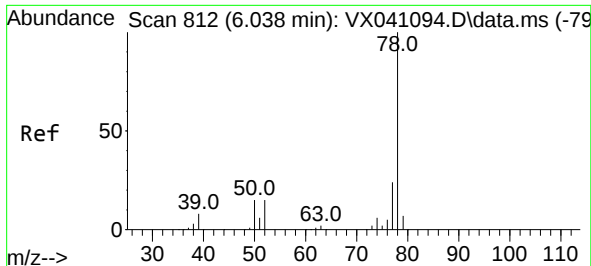
Tgt Ion:113 Resp: 64675
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 25.2 13.3 19.9#



#39
Methylcyclohexane
Concen: 66.725 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion: 83 Resp: 152735
Ion Ratio Lower Upper
83 100
55 77.6 64.6 97.0
98 51.0 36.7 55.1





#40

Benzene

Concen: 2.956 ug/l

RT: 6.025 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX041275.D

Acq: 29 Apr 2024 14:40

Instrument :

MSVOA_X

ClientSampleId :

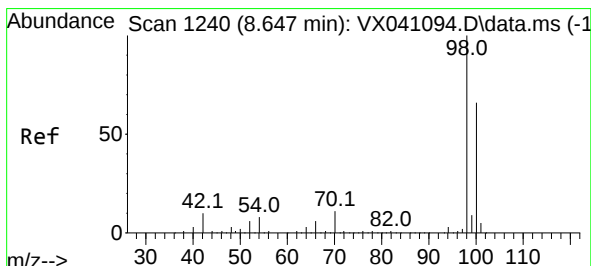
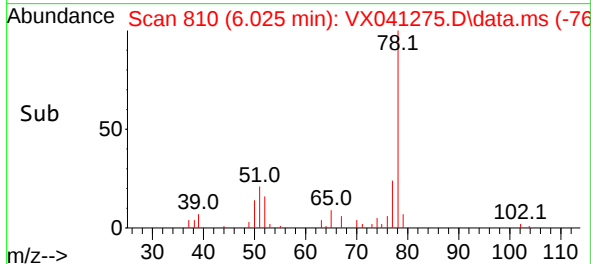
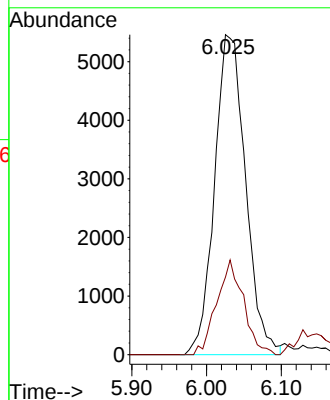
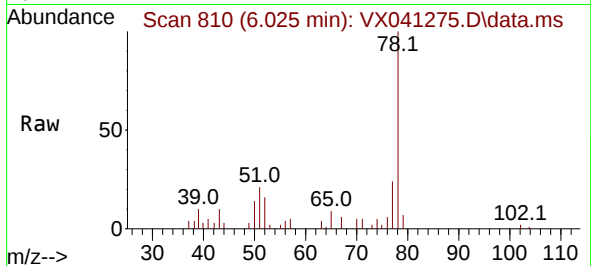
1233

Tgt Ion: 78 Resp: 15753

Ion Ratio Lower Upper

78 100

77 24.3 19.3 28.9



#50

Toluene-d8

Concen: 55.594 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX041275.D

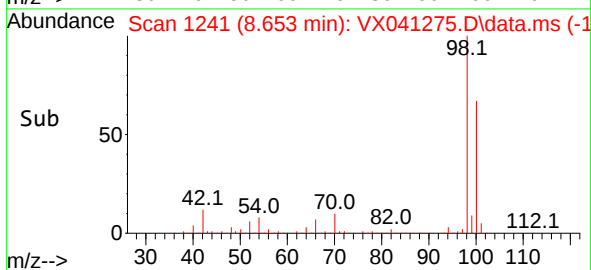
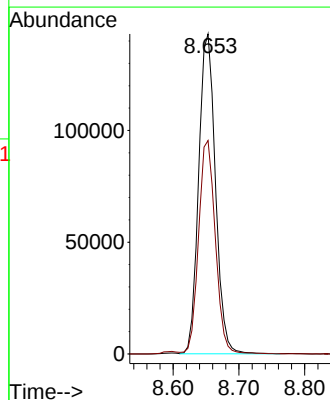
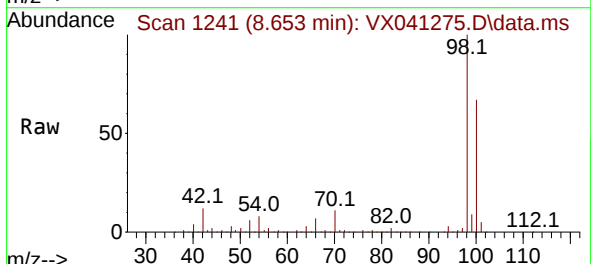
Acq: 29 Apr 2024 14:40

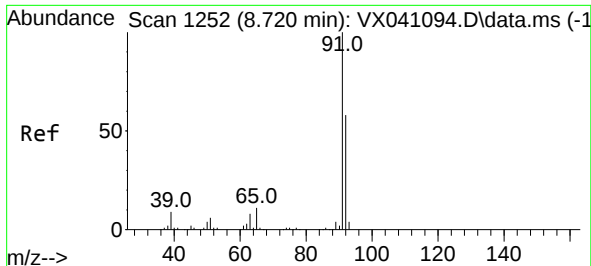
Tgt Ion: 98 Resp: 252983

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7

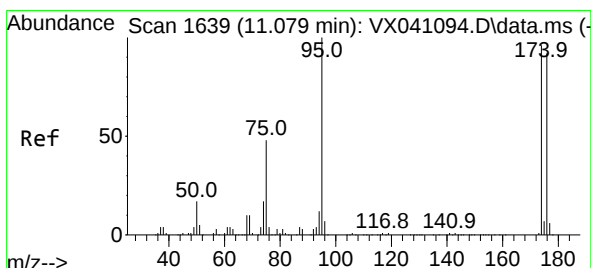
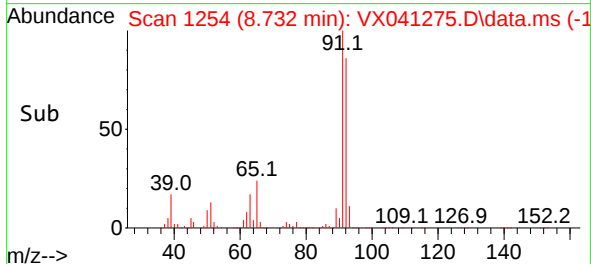
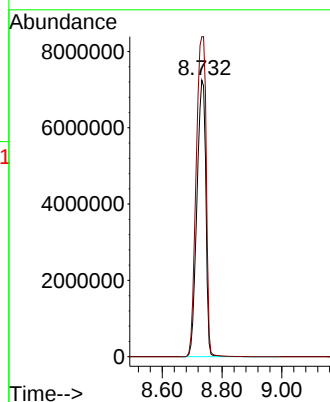
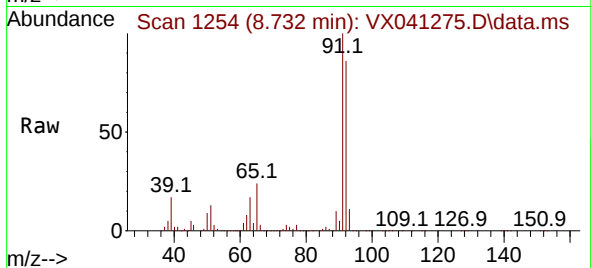




#52
Toluene
Concen: 4430.380 ug/l
RT: 8.732 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

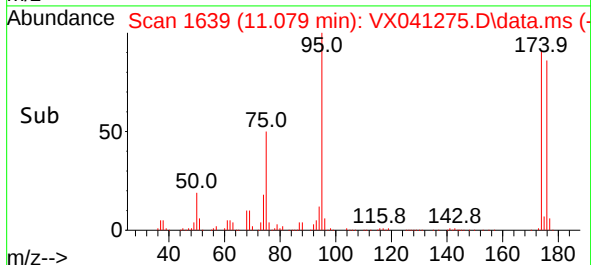
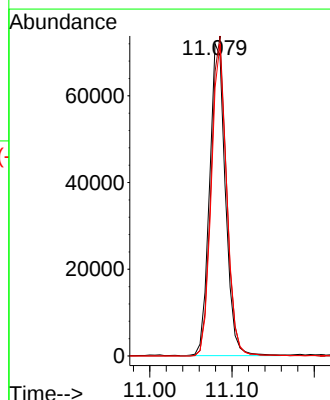
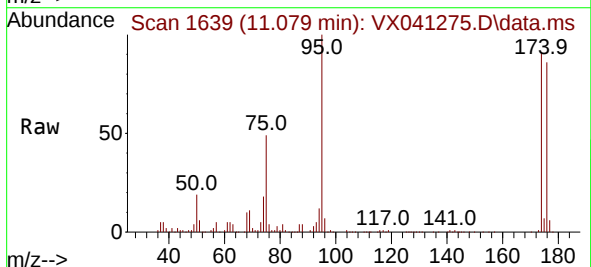
Instrument :
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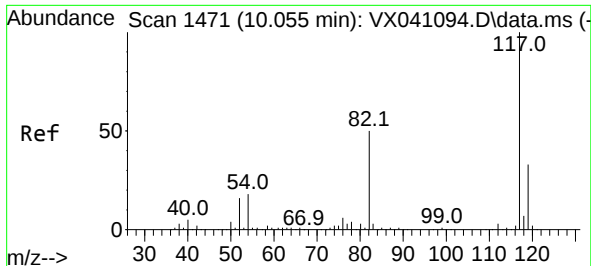
Tgt Ion: 92 Resp:14878864
Ion Ratio Lower Upper
92 100
91 131.0 134.2 201.2#



#62
4-Bromofluorobenzene
Concen: 57.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion: 95 Resp: 96860
Ion Ratio Lower Upper
95 100
174 99.8 0.0 135.6
176 96.6 0.0 131.0

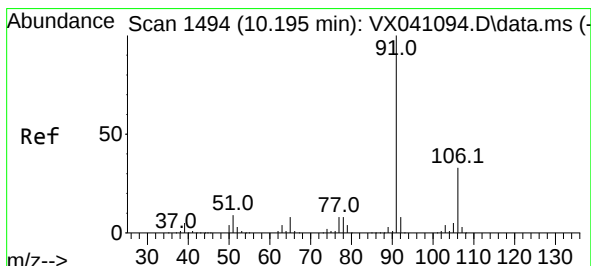
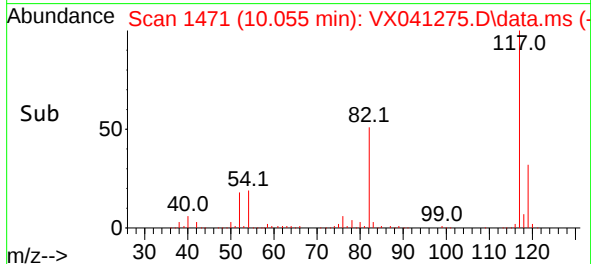
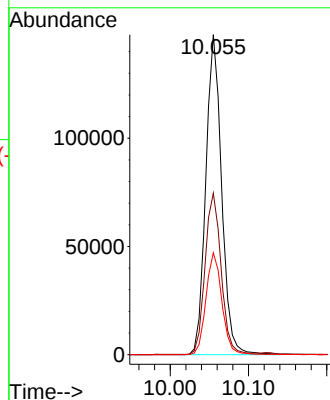
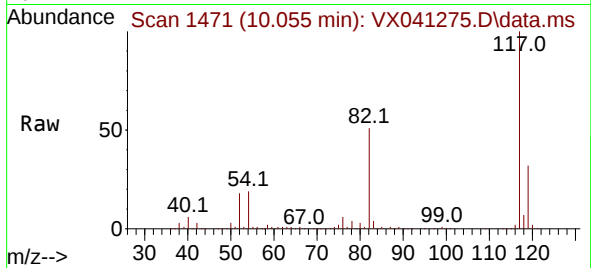




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

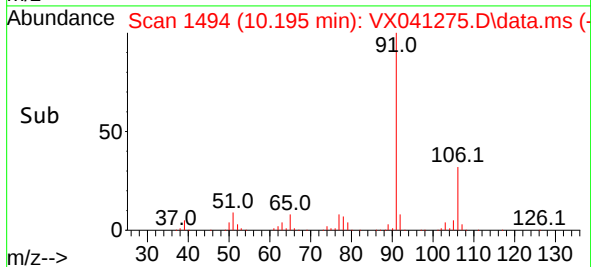
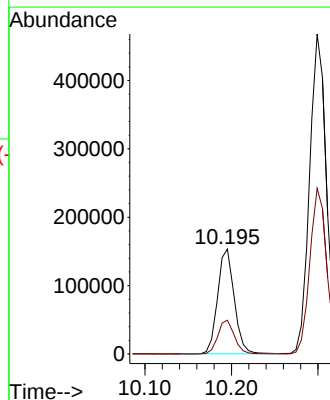
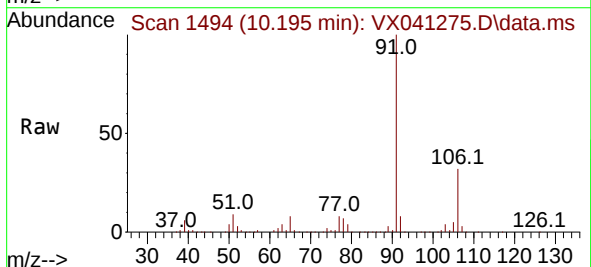
Instrument :
MSVOA_X
ClientSampleId :
1233

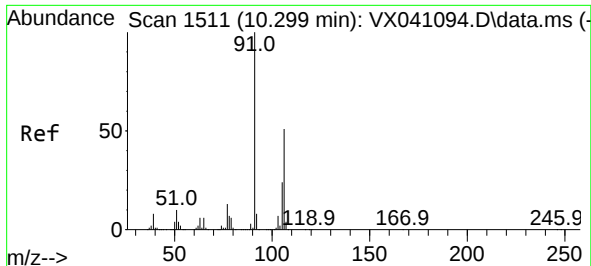
Tgt Ion:117 Resp: 206902
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 31.8 25.5 38.3



#67
Ethyl Benzene
Concen: 30.118 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion: 91 Resp: 204661
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

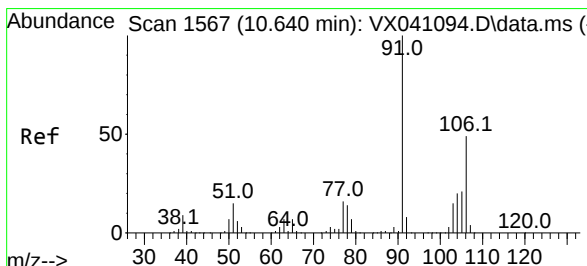
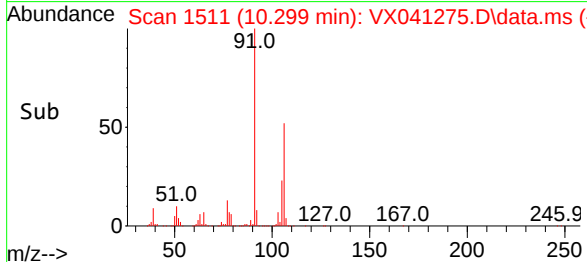
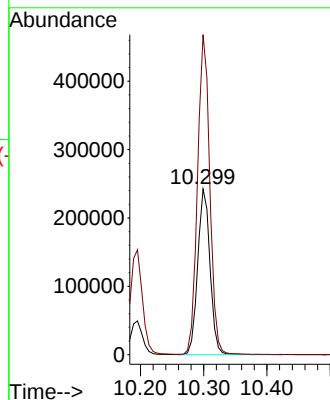
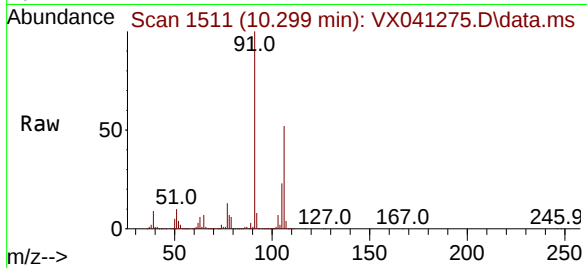




#68
m/p-Xylenes
Concen: 119.334 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

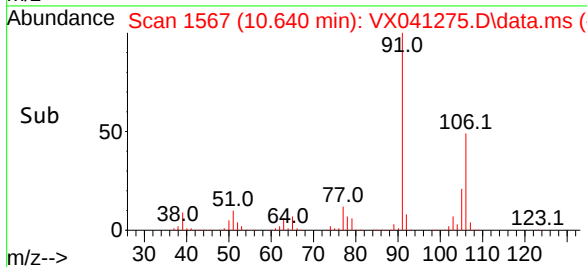
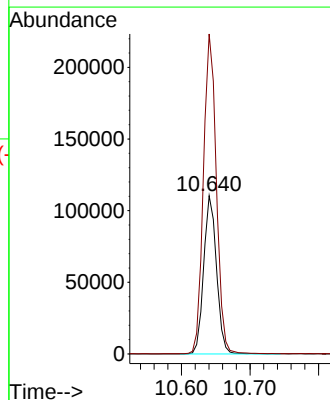
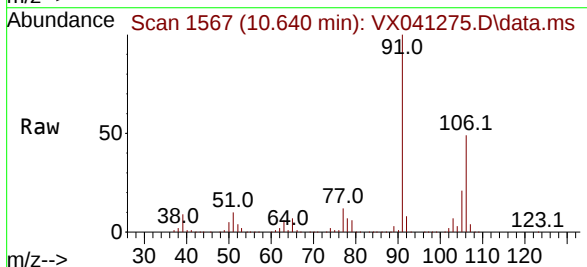
Instrument :
MSVOA_X
ClientSampleId :
1233

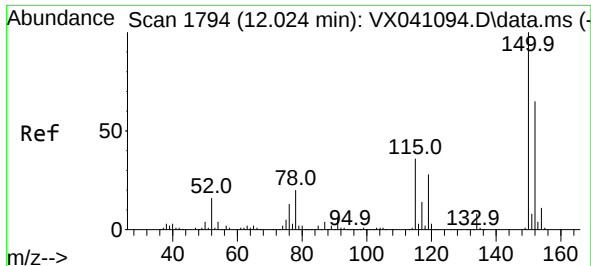
Tgt Ion:106 Resp: 327355
Ion Ratio Lower Upper
106 100
91 193.1 165.5 248.3



#69
o-Xylene
Concen: 54.049 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion:106 Resp: 144203
Ion Ratio Lower Upper
106 100
91 203.9 108.9 326.8

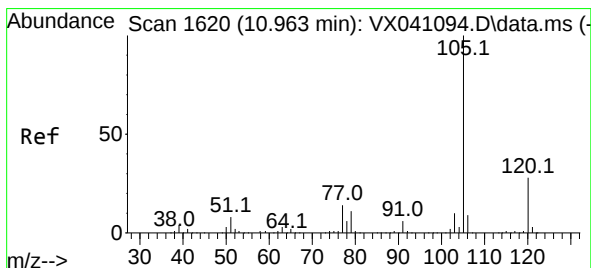
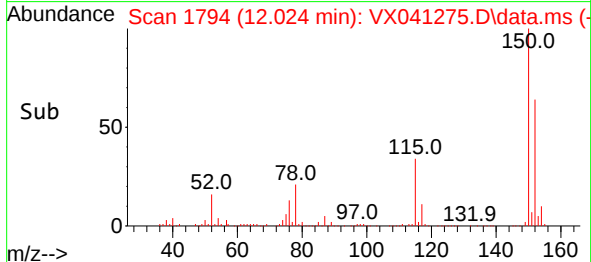
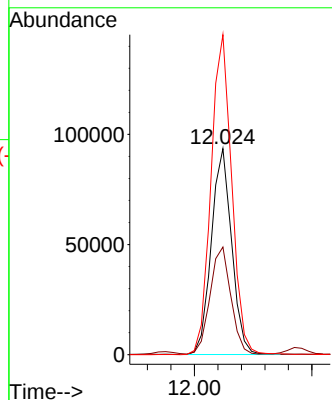
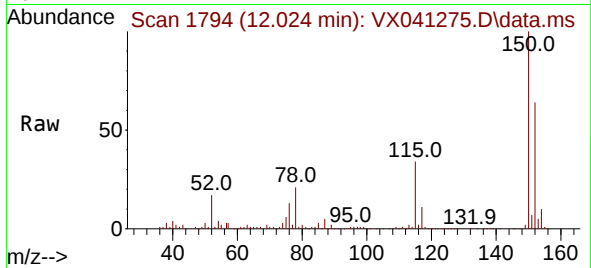




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041275.D
 Acq: 29 Apr 2024 14:40

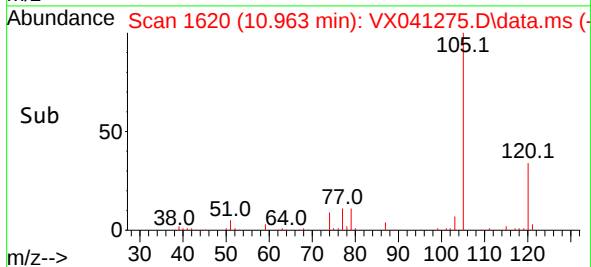
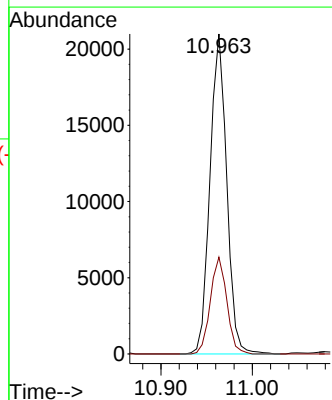
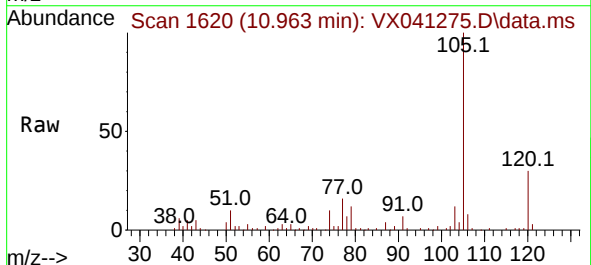
Instrument :
 MSVOA_X
 ClientSampleId :
 1233

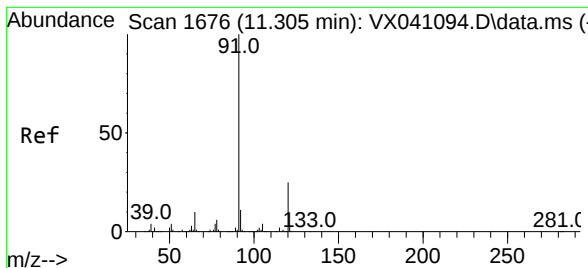
Tgt Ion:152 Resp: 112494
 Ion Ratio Lower Upper
 152 100
 115 53.3 43.3 129.9
 150 158.3 0.0 345.0



#73
 Isopropylbenzene
 Concen: 3.801 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VX041275.D
 Acq: 29 Apr 2024 14:40

Tgt Ion:105 Resp: 26605
 Ion Ratio Lower Upper
 105 100
 120 29.8 12.9 38.6

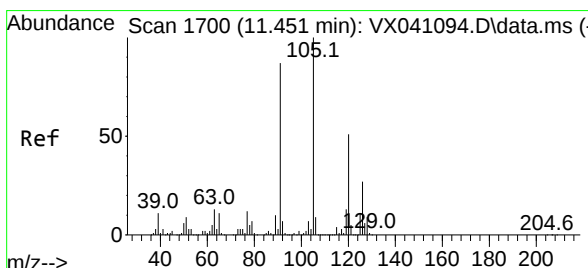
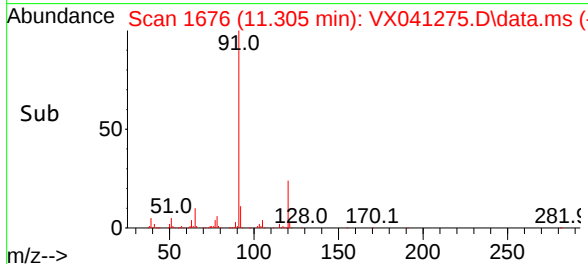
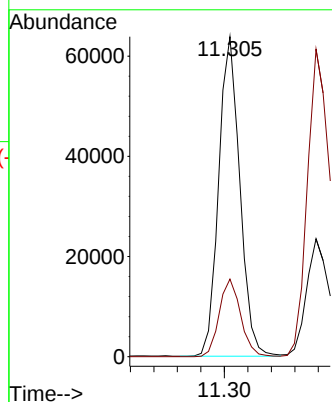
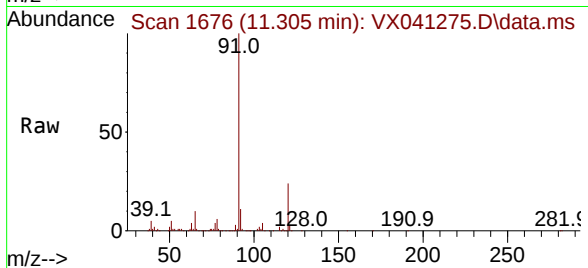




#78
n-propylbenzene
Concen: 10.572 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

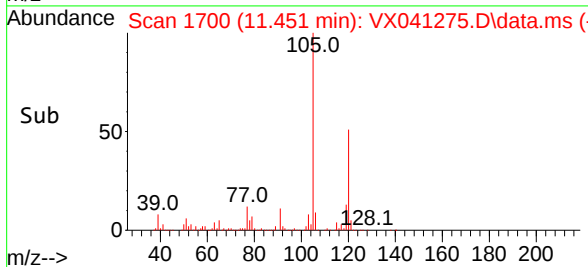
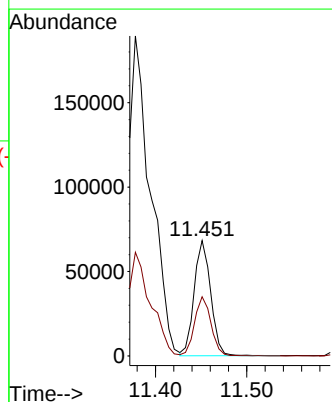
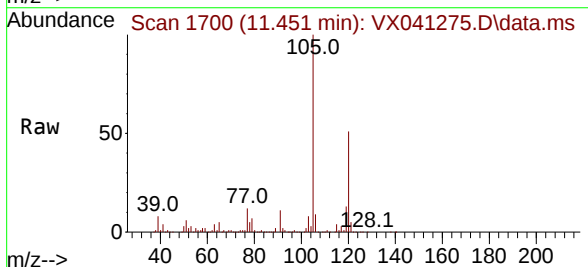
Instrument :
MSVOA_X
ClientSampleId :
1233

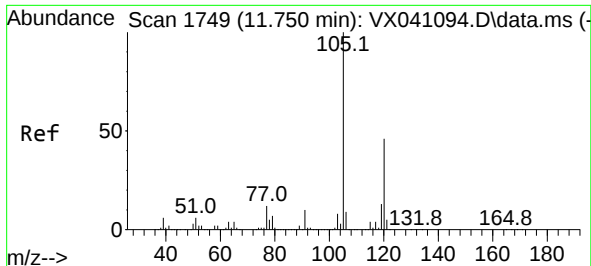
Tgt Ion: 91 Resp: 79904
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 14.782 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion: 105 Resp: 86077
Ion Ratio Lower Upper
105 100
120 51.4 24.1 72.3

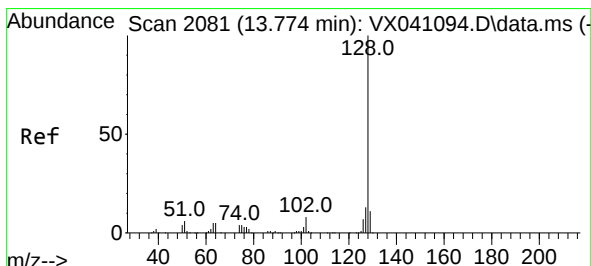
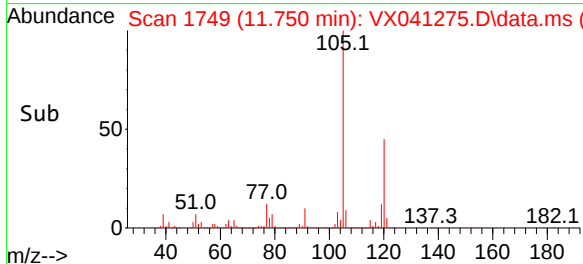
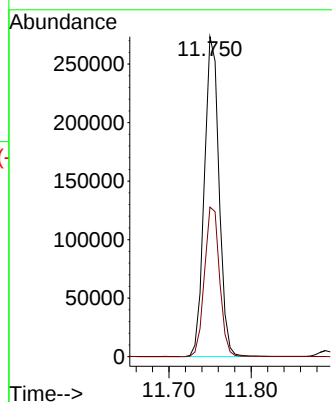
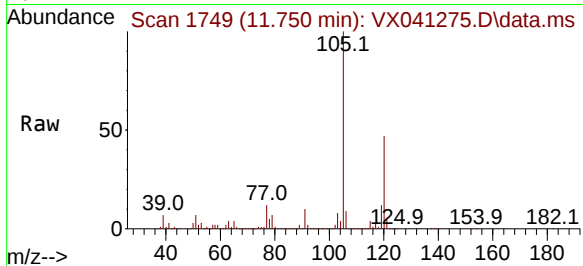




#84
1,2,4-Trimethylbenzene
Concen: 58.777 ug/l
RT: 11.750 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Instrument :
MSVOA_X
ClientSampleId :
1233

Tgt Ion:105 Resp: 339706
Ion Ratio Lower Upper
105 100
120 47.9 21.2 63.6



#95
Naphthalene
Concen: 5.838 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041275.D
Acq: 29 Apr 2024 14:40

Tgt Ion:128 Resp: 42618
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 12.0 8.8 13.2

