

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050124\
 Data File : VX041328.D
 Acq On : 01 May 2024 15:53
 Operator : JC/MD
 Sample : P2264-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-042424

Quant Time: May 02 03:12:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 02:38:17 2024
 Response via : Initial Calibration

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

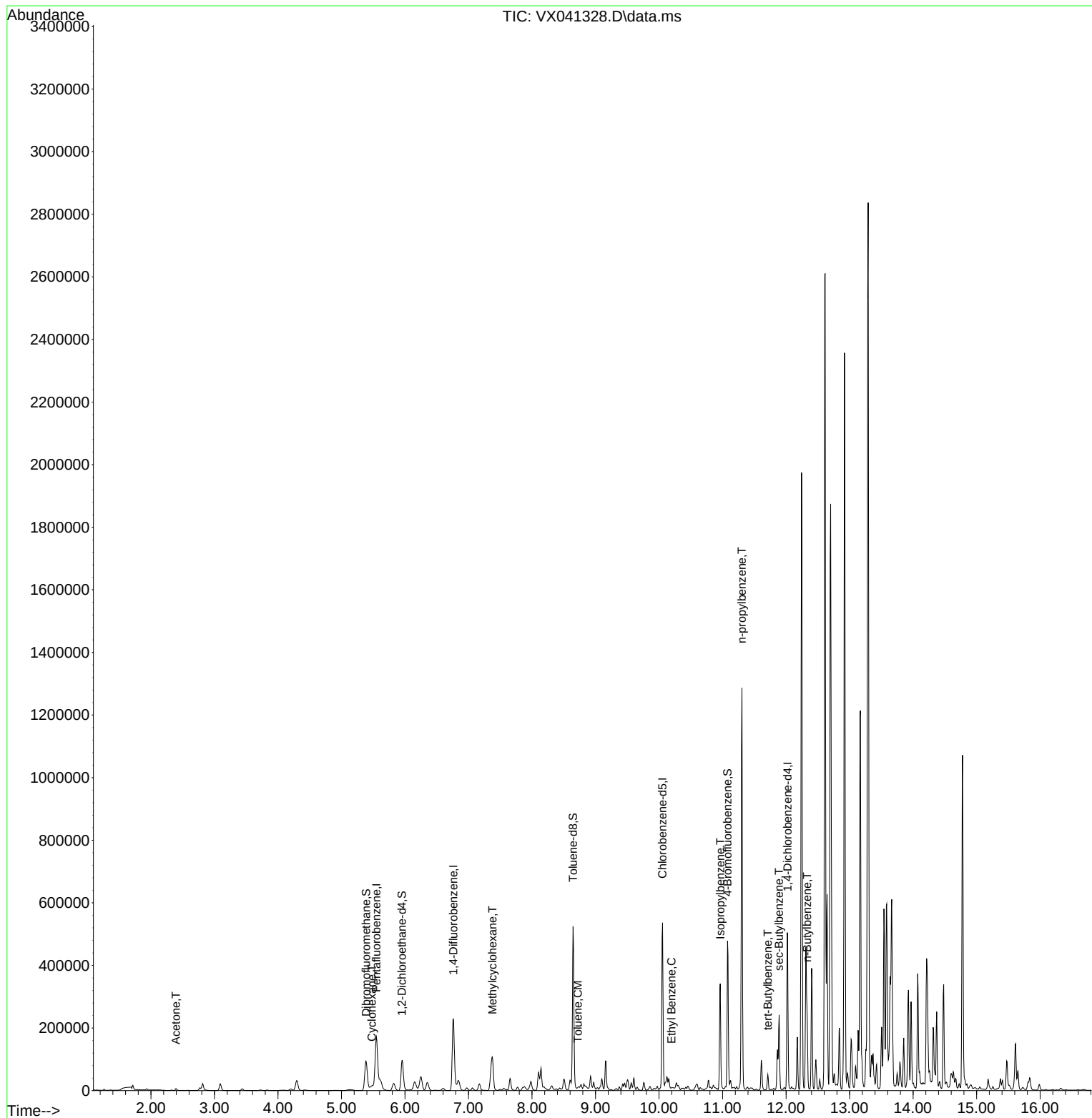
Internal Standards						
1) Pentafluorobenzene	5.550	168	183978	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	252926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96813	48.337	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.680%
35) Dibromofluoromethane	5.385	113	81879	47.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.540%
50) Toluene-d8	8.647	98	309422	57.037	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	114.080%#
62) 4-Bromofluorobenzene	11.079	95	122094	58.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.280%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	7754	4.958	ug/l	99
31) Cyclohexane	5.477	56	9562	3.956	ug/l	# 84
39) Methylcyclohexane	7.379	83	45446	18.874	ug/l	95
52) Toluene	8.720	92	2048	0.530	ug/l	94
67) Ethyl Benzene	10.195	91	2752	0.321	ug/l	98
73) Isopropylbenzene	10.963	105	177295	25.176	ug/l	97
78) n-propylbenzene	11.305	91	758622	102.568	ug/l	96
83) tert-Butylbenzene	11.713	119	18270	2.972	ug/l	95
85) sec-Butylbenzene	11.890	105	120463	17.099	ug/l	99
89) n-Butylbenzene	12.329	91	131614	25.869	ug/l	# 63

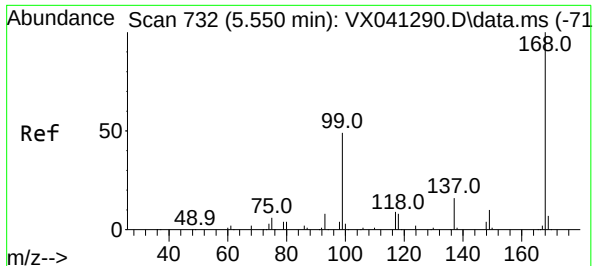
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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T3-MW-2-9.0-042424

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 01 02:38:17 2024
Response via : Initial Calibration

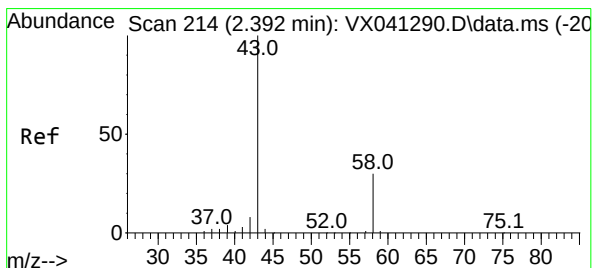
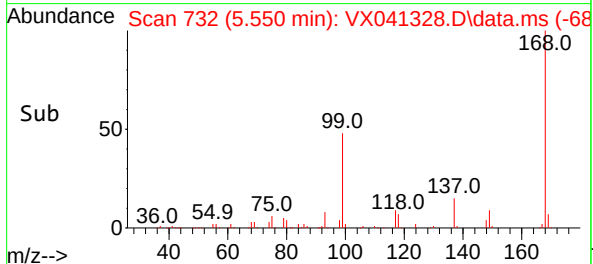
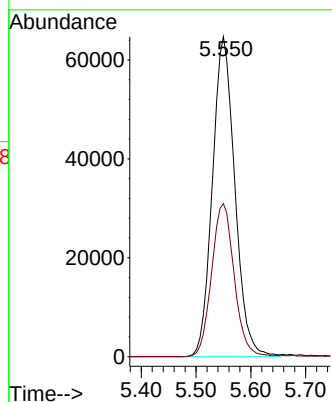
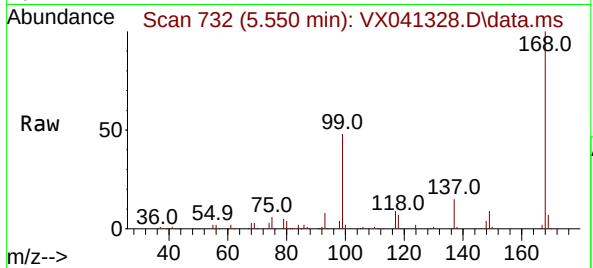




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

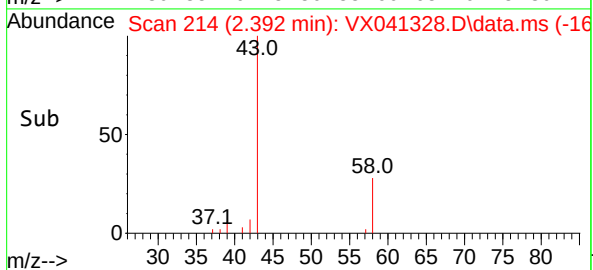
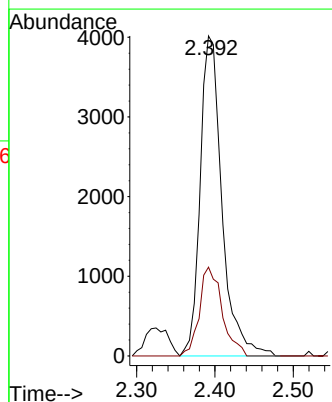
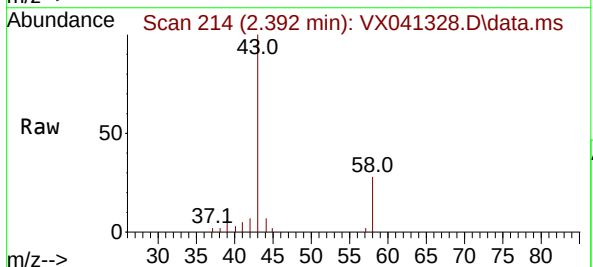
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-042424

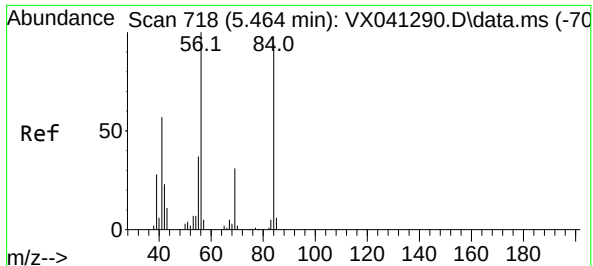
Tgt Ion:168 Resp: 183978
Ion Ratio Lower Upper
168 100
99 47.8 56.6 85.0#



#16
Acetone
Concen: 4.958 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

Tgt Ion: 43 Resp: 7754
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9

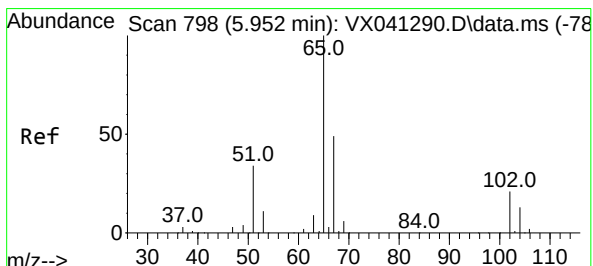
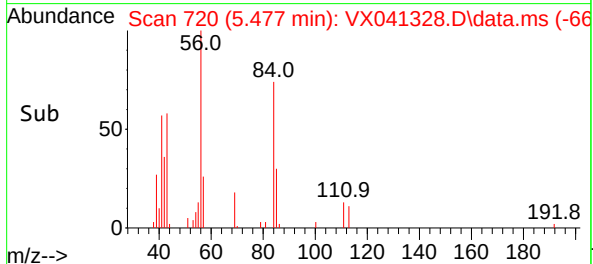
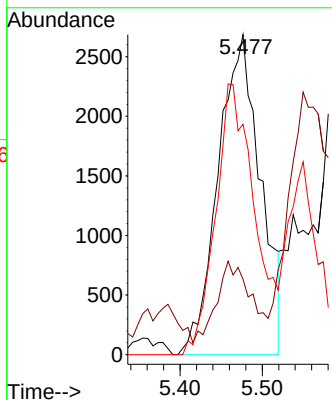
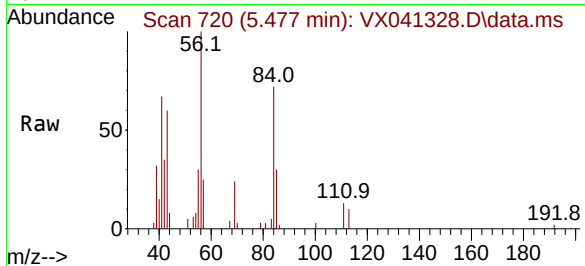




#31
Cyclohexane
Concen: 3.956 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.012 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

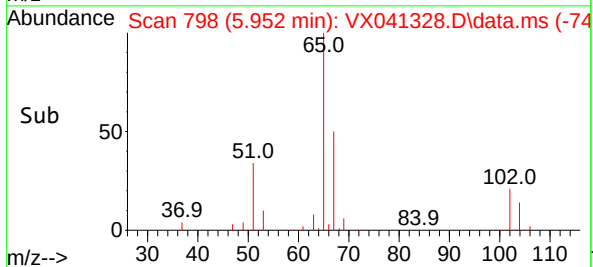
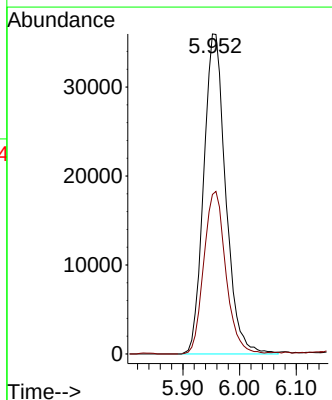
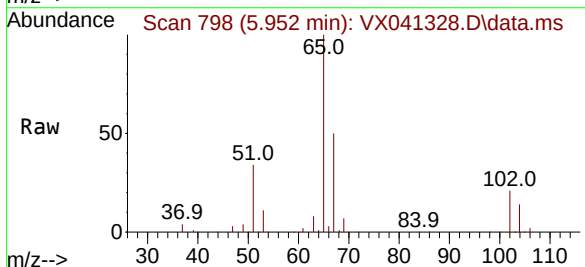
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-042424

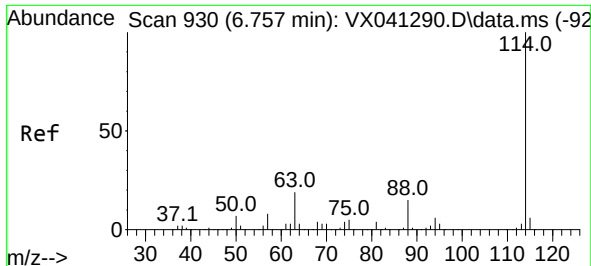
Tgt Ion: 56 Resp: 9562
Ion Ratio Lower Upper
56 100
69 13.7 23.4 35.2#
84 72.0 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.337 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

Tgt Ion: 65 Resp: 96813
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

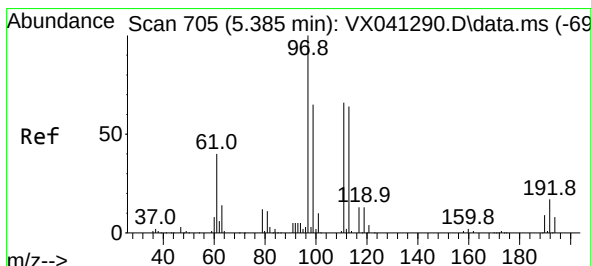
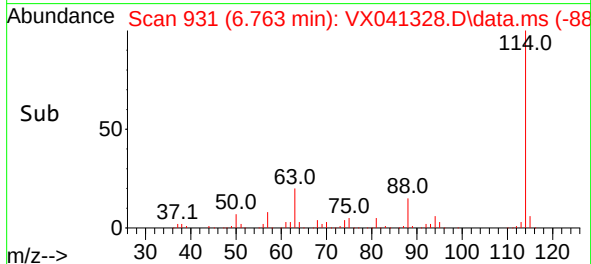
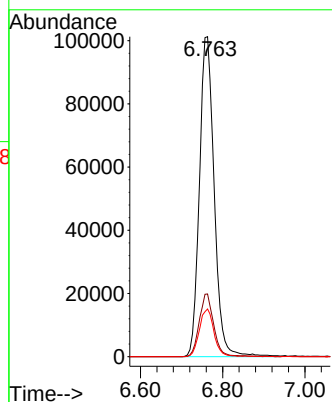
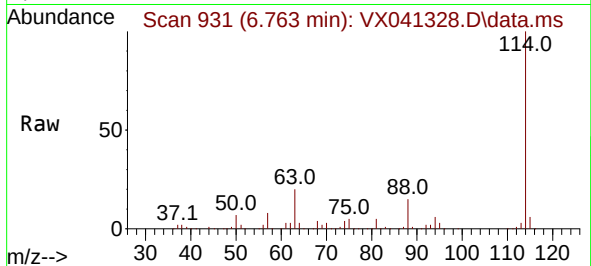




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

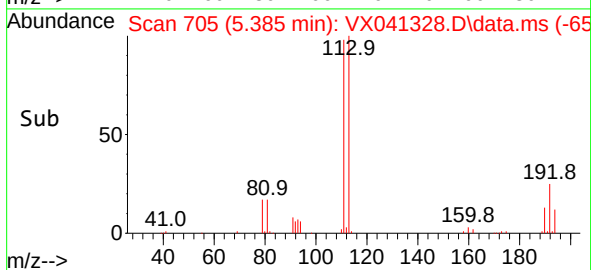
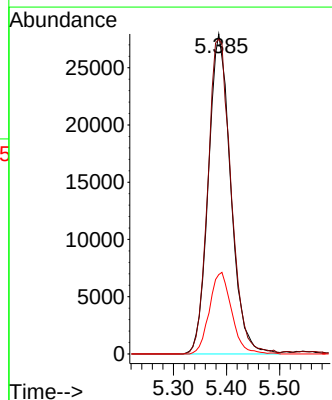
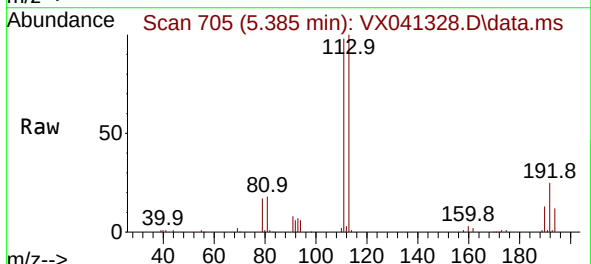
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-042424

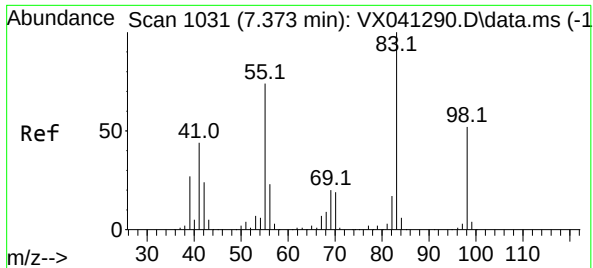
Tgt Ion:114 Resp: 252926
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 14.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.771 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

Tgt Ion:113 Resp: 81879
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 25.3 13.3 19.9#

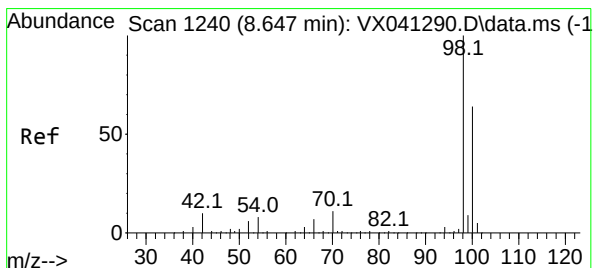
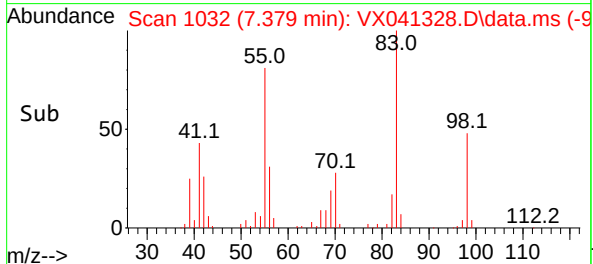
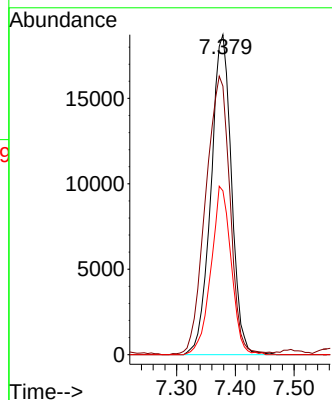
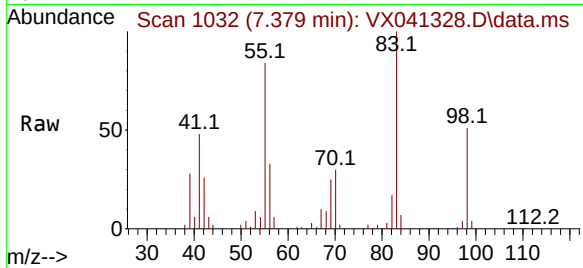




#39
Methylcyclohexane
Concen: 18.874 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

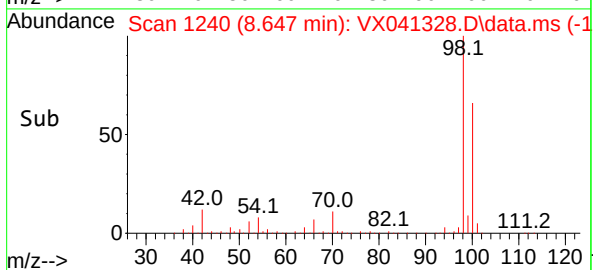
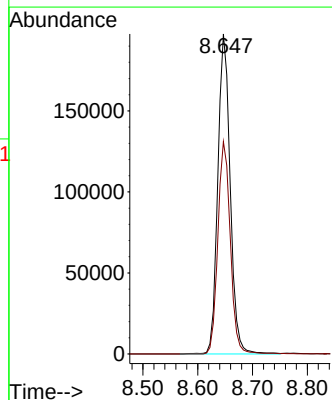
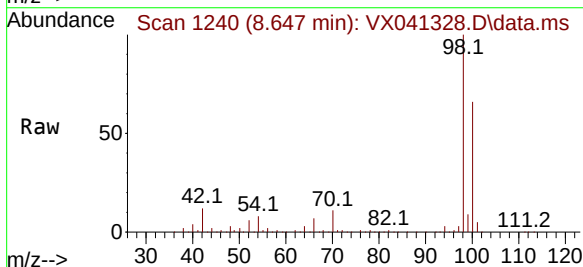
Instrument :
MSVOA_X
ClientSampleId :
T3-MW-2-9.0-042424

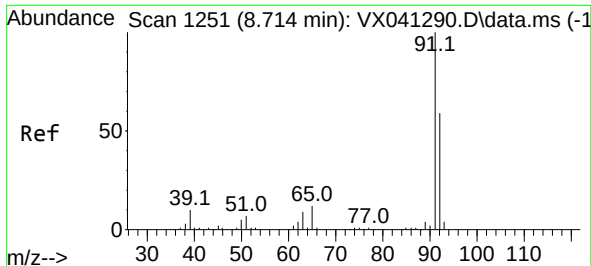
Tgt Ion: 83	Resp: 45446
Ion Ratio	Lower Upper
83	100
55	83.4 64.6 97.0
98	51.2 36.7 55.1



#50
Toluene-d8
Concen: 57.037 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

Tgt Ion: 98	Resp: 309422
Ion Ratio	Lower Upper
98	100
100	66.9 53.1 79.7

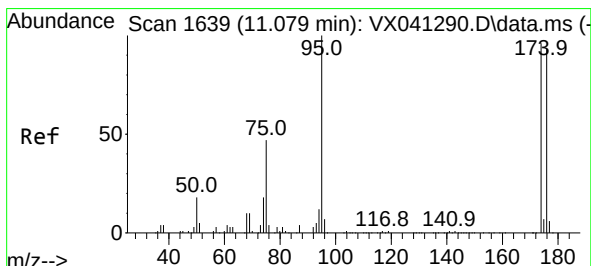
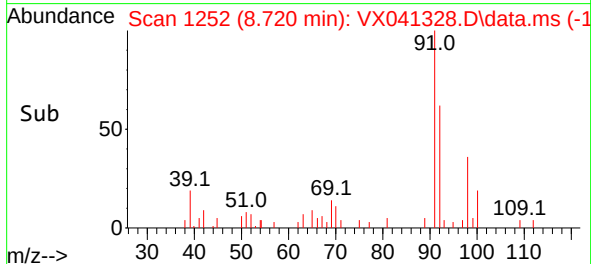
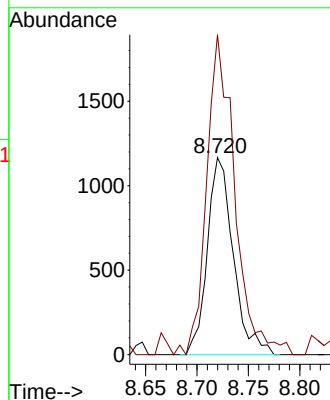
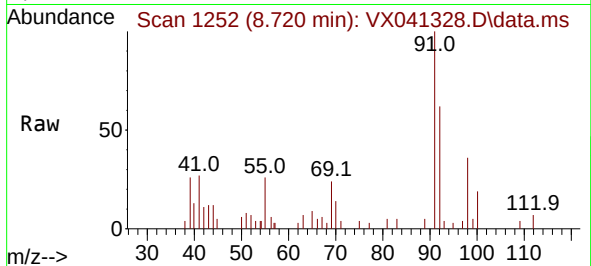




#52
Toluene
Concen: 0.530 ug/l
RT: 8.720 min Scan# 1251
Delta R.T. 0.006 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

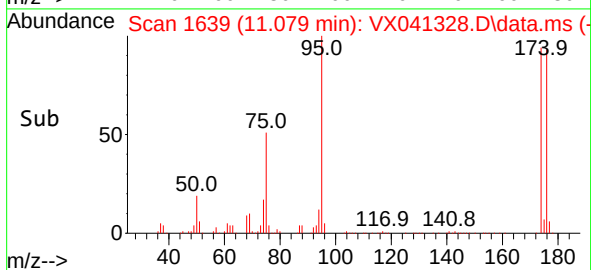
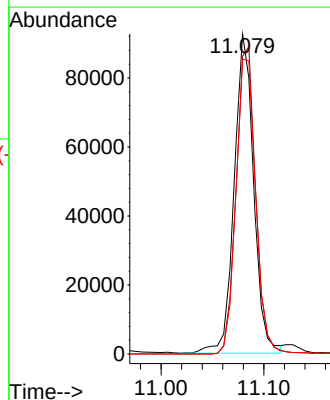
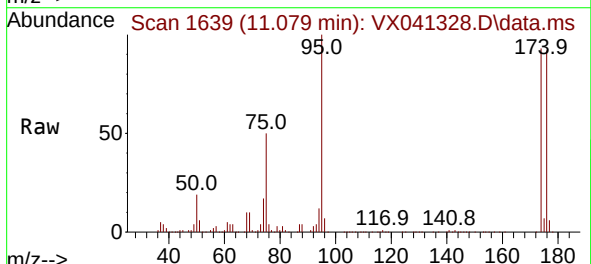
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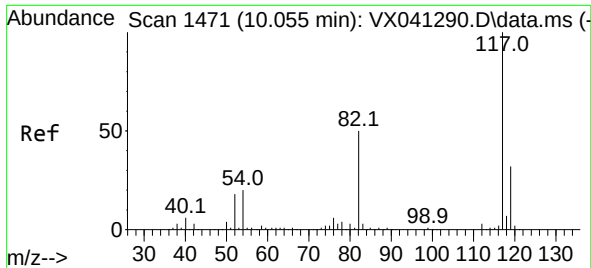
Tgt Ion: 92 Resp: 2048
Ion Ratio Lower Upper
92 100
91 175.9 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 58.139 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

Tgt Ion: 95 Resp: 122094
Ion Ratio Lower Upper
95 100
174 96.5 0.0 135.6
176 94.6 0.0 131.0

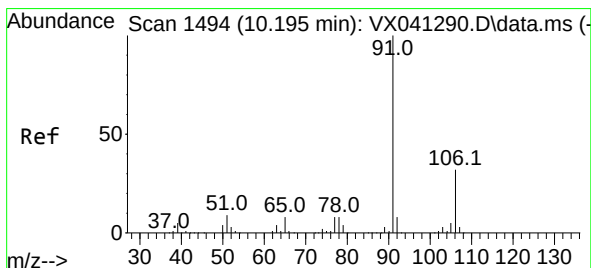
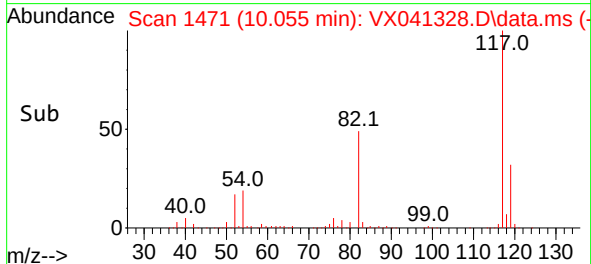
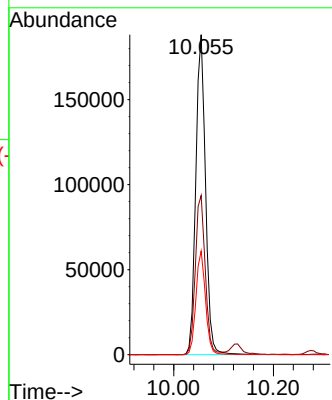
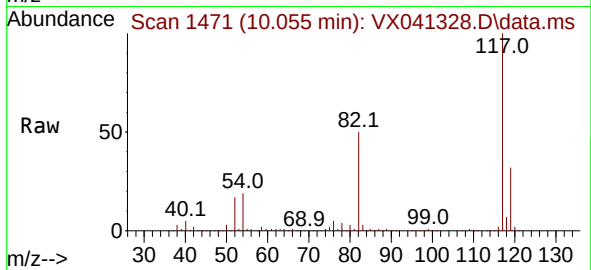




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

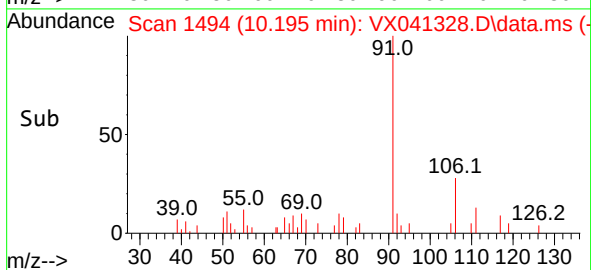
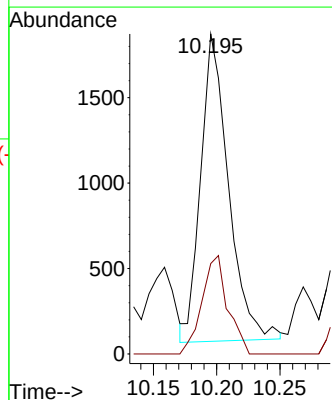
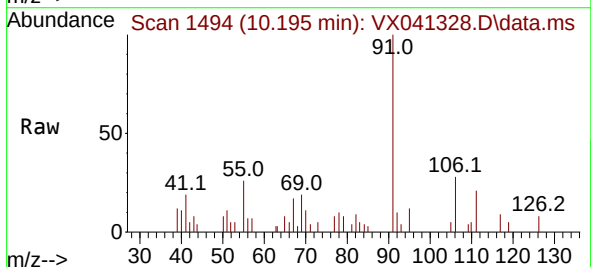
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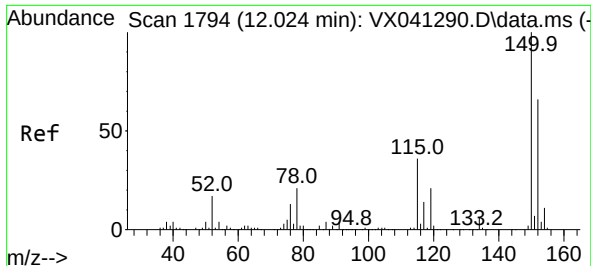
Tgt Ion:117 Resp: 255579
Ion Ratio Lower Upper
117 100
82 49.7 46.2 69.4
119 32.4 25.5 38.3



#67
Ethyl Benzene
Concen: 0.321 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041328.D
Acq: 01 May 2024 15:53

Tgt Ion: 91 Resp: 2752
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

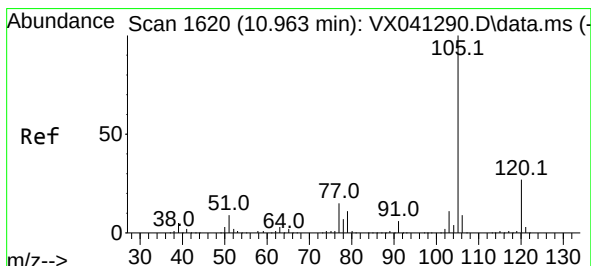
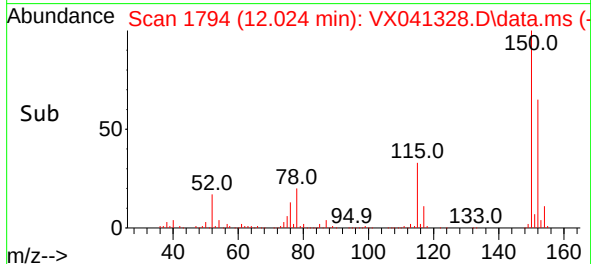
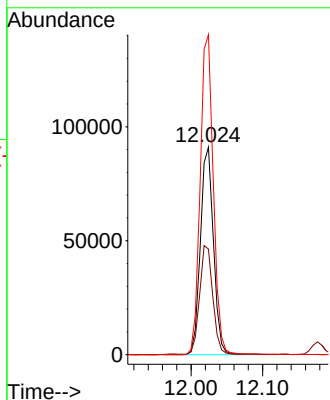
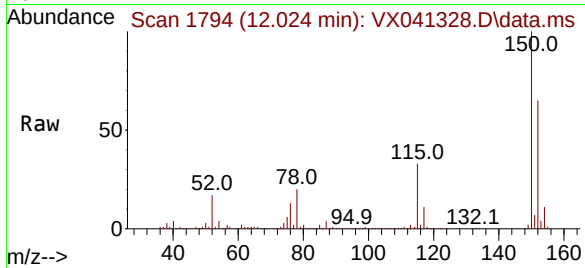




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX041328.D
 Acq: 01 May 2024 15:53

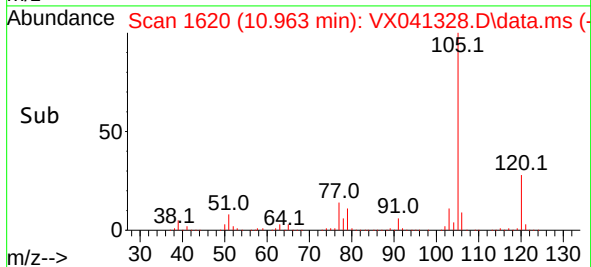
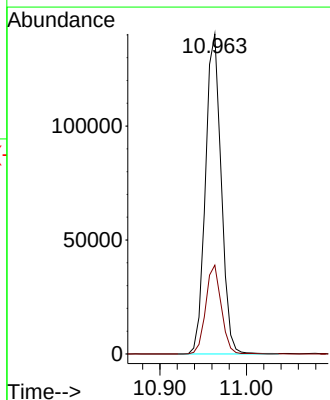
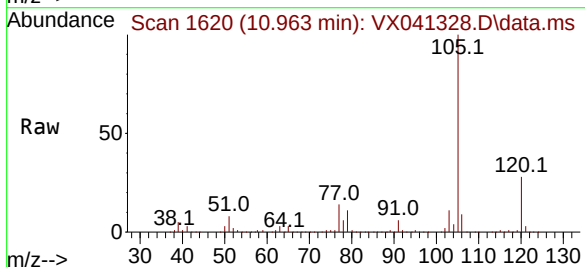
Instrument :
 MSVOA_X
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 T3-MW-2-9.0-042424

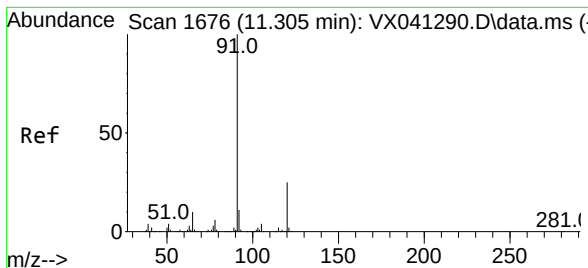
Tgt Ion:152 Resp: 115365
 Ion Ratio Lower Upper
 152 100
 115 52.5 43.3 129.9
 150 155.2 0.0 345.0



#73
 Isopropylbenzene
 Concen: 25.176 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX041328.D
 Acq: 01 May 2024 15:53

Tgt Ion:105 Resp: 177295
 Ion Ratio Lower Upper
 105 100
 120 27.4 12.9 38.6





#78

n-propylbenzene

Concen: 102.568 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX041328.D

Acq: 01 May 2024 15:53

Instrument :

MSVOA_X

ClientSampleId :

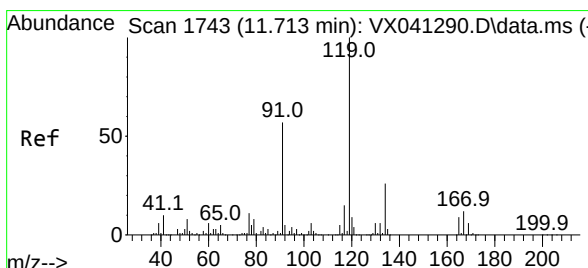
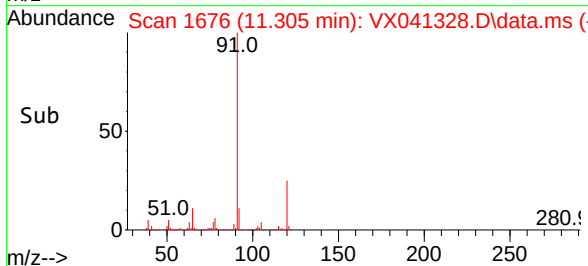
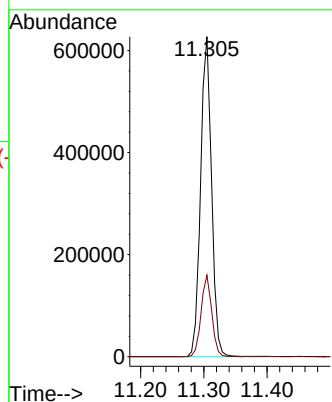
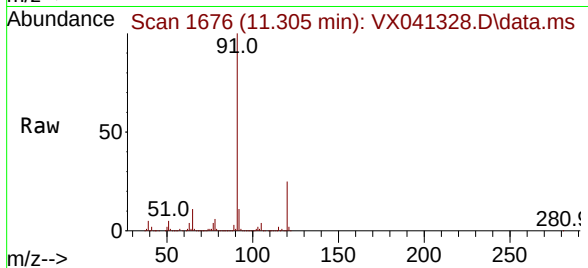
T3-MW-2-9.0-042424

Tgt Ion: 91 Resp: 758622

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4



#83

tert-Butylbenzene

Concen: 2.972 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041328.D

Acq: 01 May 2024 15:53

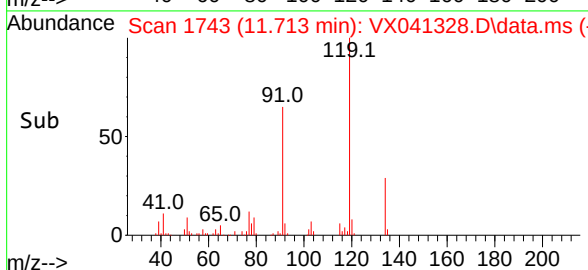
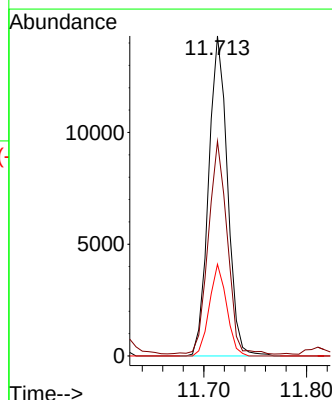
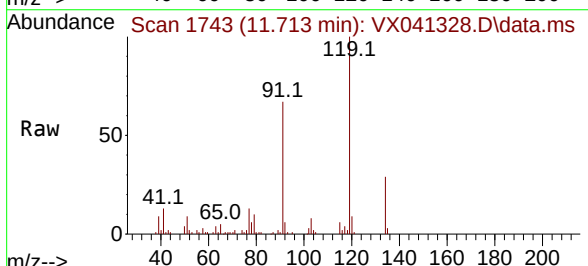
Tgt Ion: 119 Resp: 18270

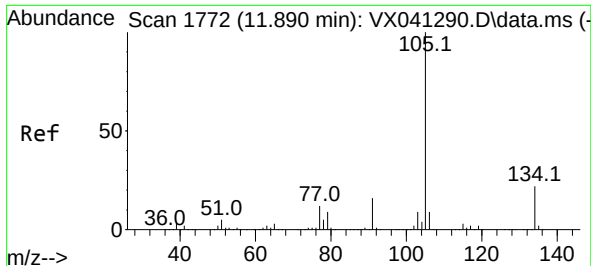
Ion Ratio Lower Upper

119 100

91 66.3 31.2 93.6

134 26.1 11.7 35.0

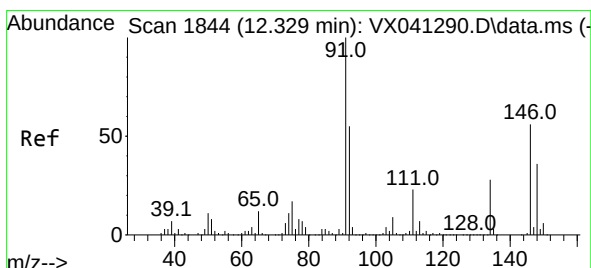
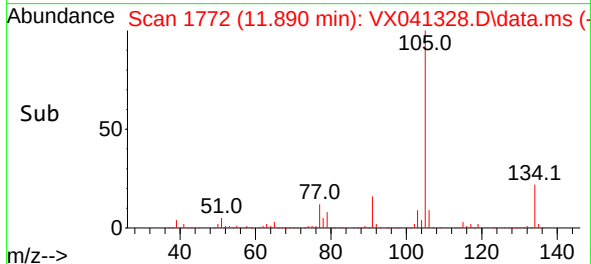
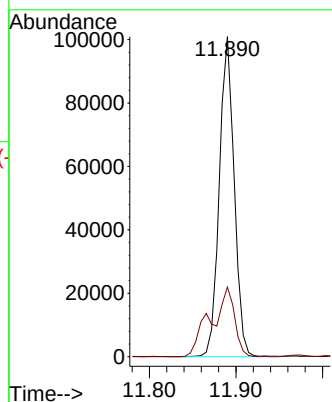
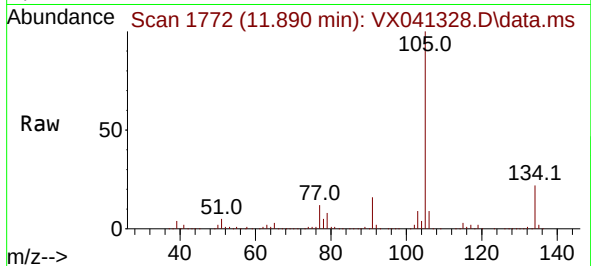




#85
 sec-Butylbenzene
 Concen: 17.099 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX041328.D
 Acq: 01 May 2024 15:53

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-MW-2-9.0-042424

Tgt Ion:105 Resp: 120463
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#89
 n-Butylbenzene
 Concen: 25.869 ug/l
 RT: 12.329 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VX041328.D
 Acq: 01 May 2024 15:53

Tgt Ion: 91 Resp: 131614
 Ion Ratio Lower Upper
 91 100
 92 42.1 27.4 82.0
 134 64.9 12.6 37.8#

