

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032276.D
 Acq On : 20 Oct 2022 20:20
 Operator : JC/MD
 Sample : N5185-19 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

Quant Time: Oct 21 02:17:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

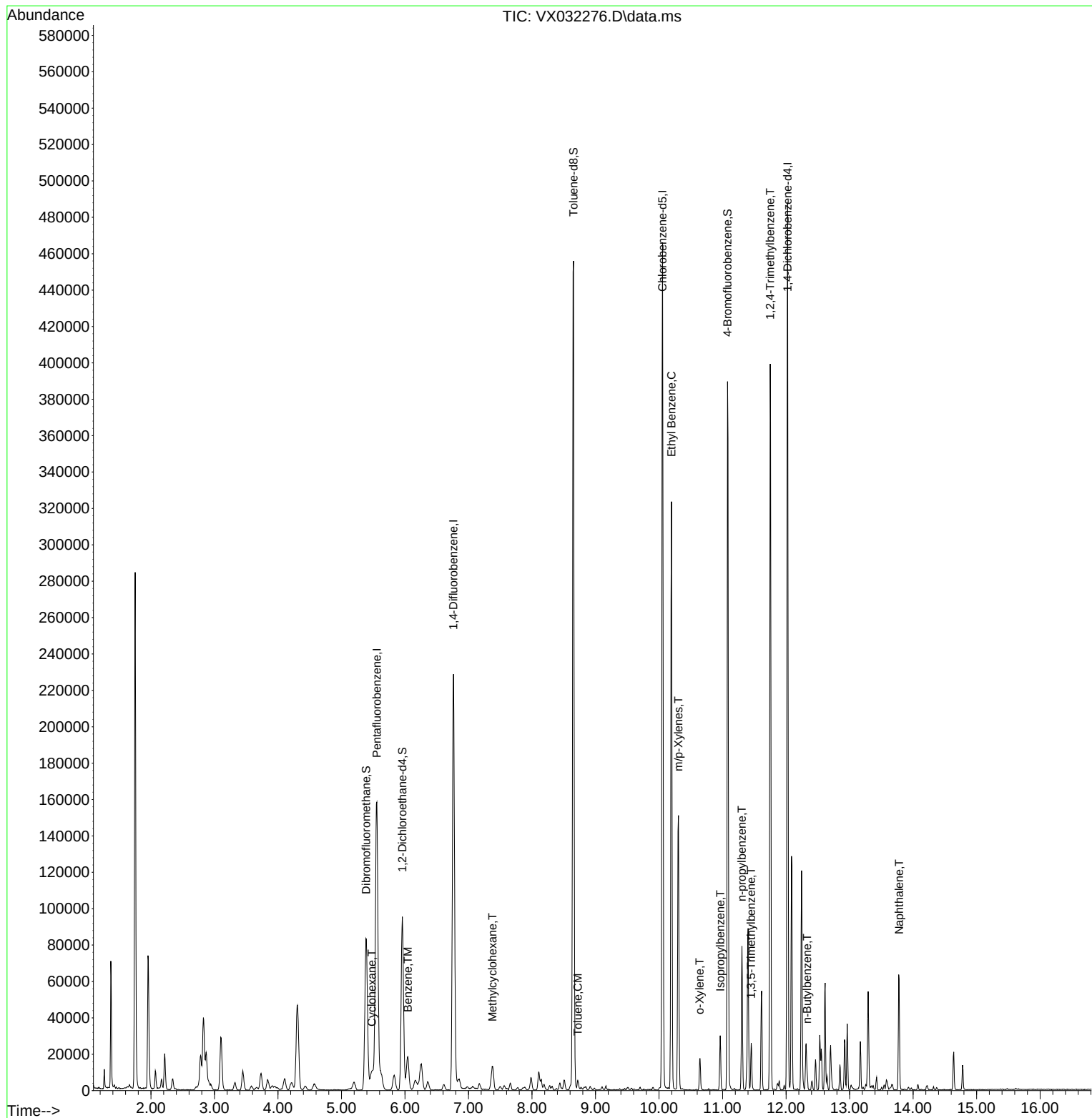
Internal Standards						
1) Pentafluorobenzene	5.556	168	148843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94185	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94057	48.576	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.160%
35) Dibromofluoromethane	5.385	113	72033	45.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.500%
50) Toluene-d8	8.653	98	272194	47.501	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.000%
62) 4-Bromofluorobenzene	11.079	95	97235	46.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.680%
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	7505	3.390	ug/l #	81
39) Methylcyclohexane	7.379	83	5707	2.333	ug/l #	86
40) Benzene	6.043	78	22384	3.772	ug/l	99
52) Toluene	8.720	92	1965	0.511	ug/l	96
67) Ethyl Benzene	10.195	91	177310	24.049	ug/l	99
68) m/p-Xylenes	10.305	106	35051	12.038	ug/l	96
69) o-Xylene	10.640	106	3861	1.384	ug/l	95
73) Isopropylbenzene	10.963	105	14921	2.220	ug/l	99
78) n-propylbenzene	11.305	91	46333	6.021	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	11331	1.952	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	168768	29.904	ug/l	99
89) n-Butylbenzene	12.329	91	5109	0.971	ug/l #	48
95) Naphthalene	13.780	128	39782	6.130	ug/l	100

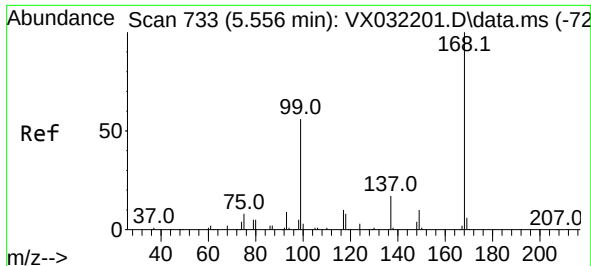
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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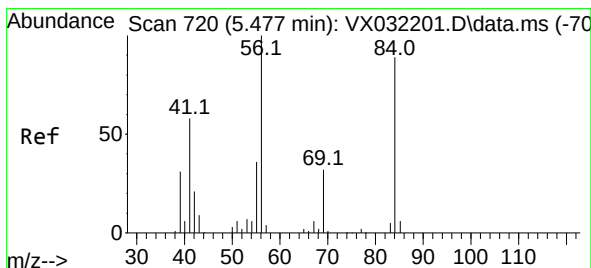
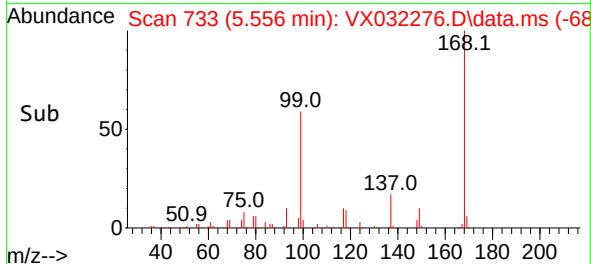
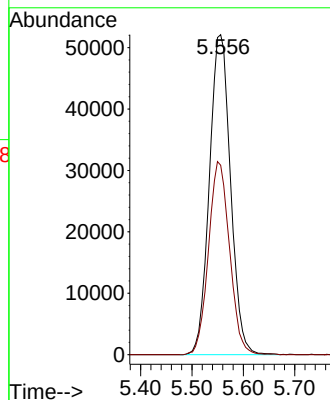
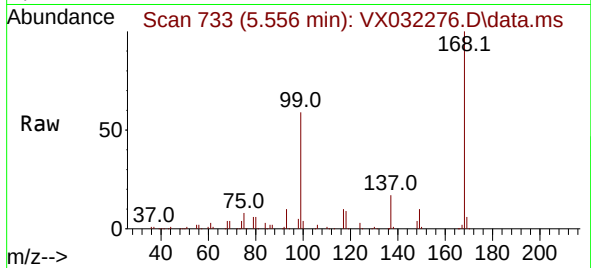




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

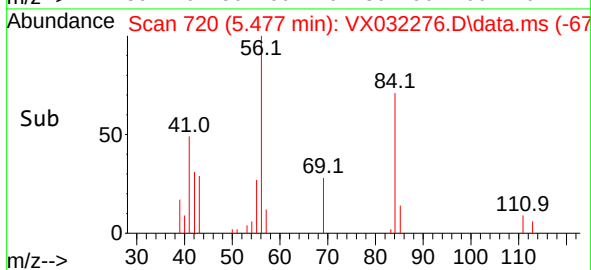
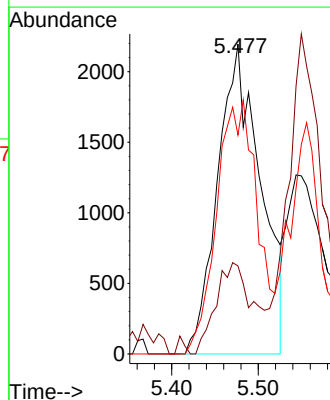
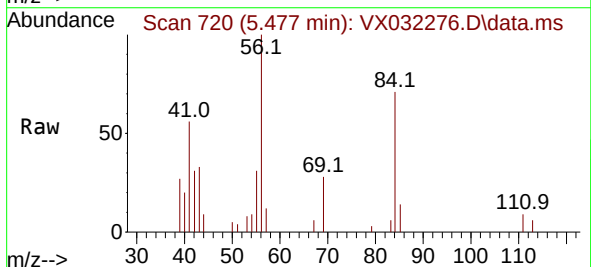
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

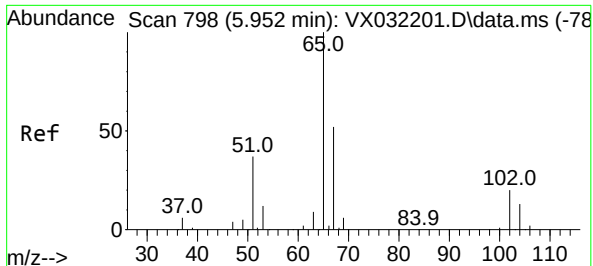
Tgt Ion:168 Resp: 148843
Ion Ratio Lower Upper
168 100
99 59.2 44.8 67.2



#31
Cyclohexane
Concen: 3.390 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

Tgt Ion: 56 Resp: 7505
Ion Ratio Lower Upper
56 100
69 22.7 25.4 38.0#
84 70.7 71.2 106.8#





#33

1,2-Dichloroethane-d4

Concen: 48.576 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032276.D

Acq: 20 Oct 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

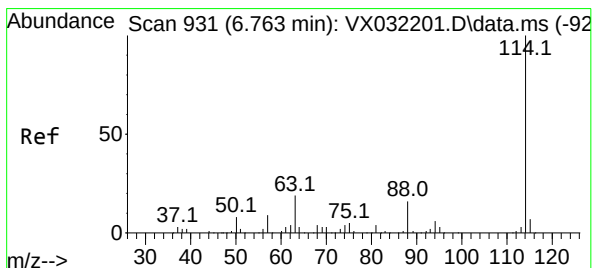
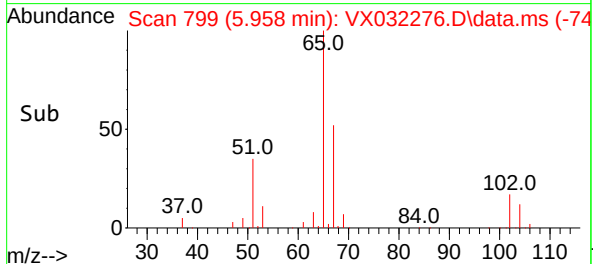
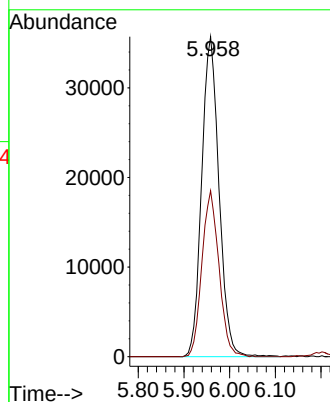
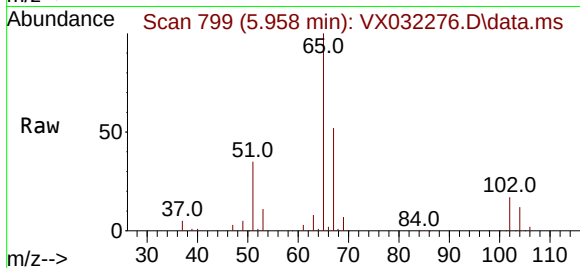
PZ-3R

Tgt Ion: 65 Resp: 94057

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032276.D

Acq: 20 Oct 2022 20:20

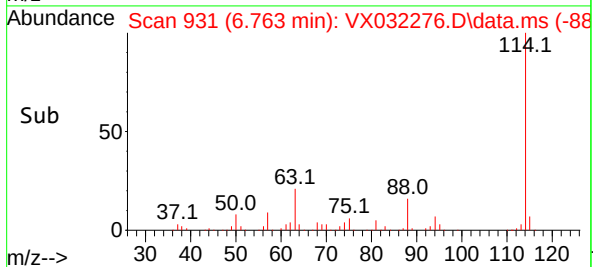
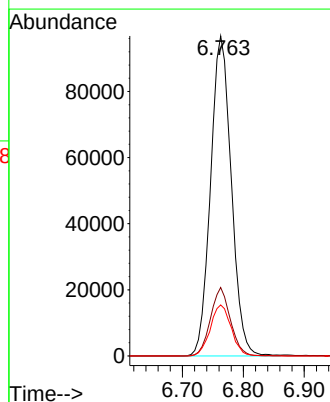
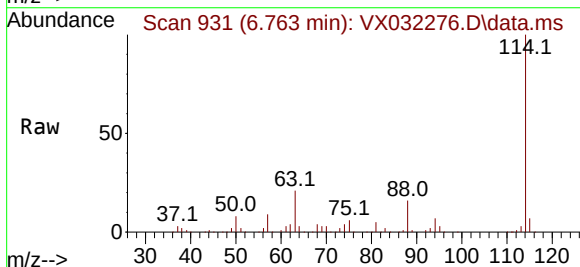
Tgt Ion: 114 Resp: 228762

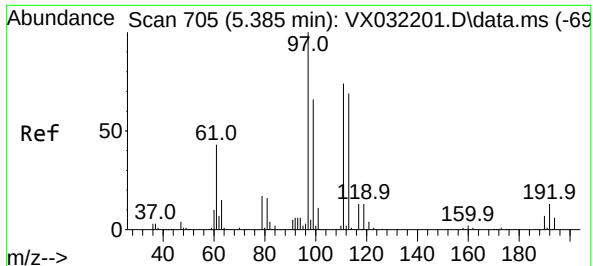
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.6

88 16.0 0.0 32.6

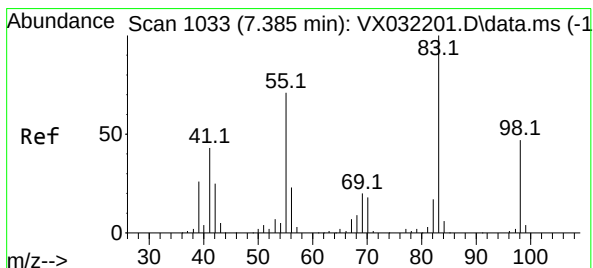
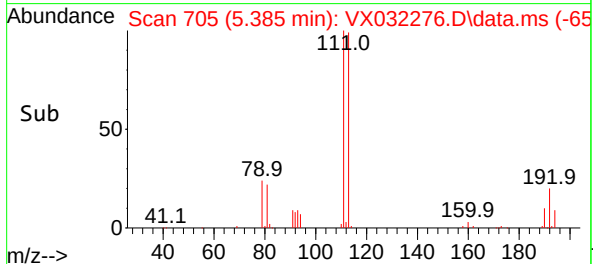
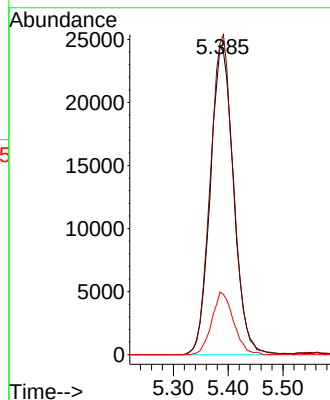
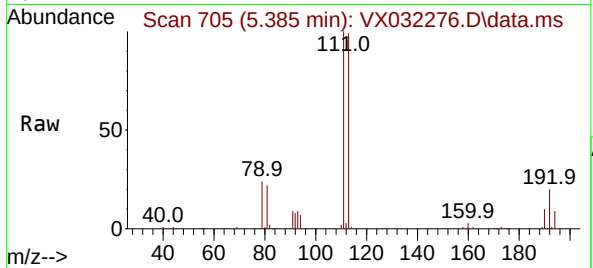




#35
Dibromofluoromethane
Concen: 45.250 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

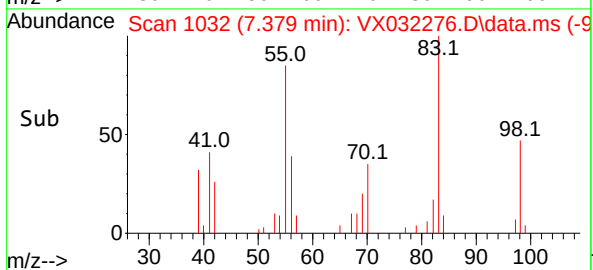
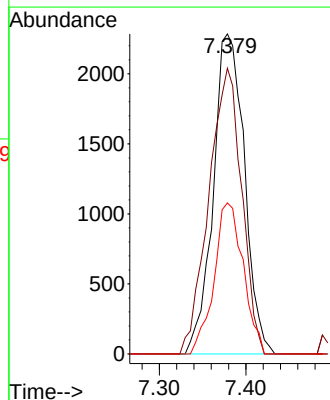
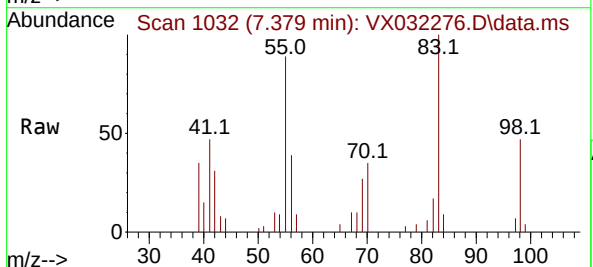
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

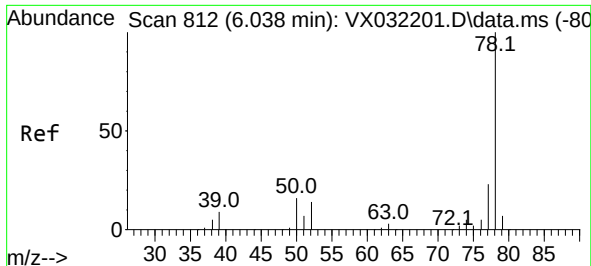
Tgt Ion:113 Resp: 72033
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 19.0 15.5 23.3



#39
Methylcyclohexane
Concen: 2.333 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

Tgt Ion: 83 Resp: 5707
Ion Ratio Lower Upper
83 100
55 89.3 56.6 85.0#
98 47.2 37.4 56.0





#40

Benzene

Concen: 3.772 ug/l

RT: 6.043 min Scan# 81

Delta R.T. 0.005 min

Lab File: VX032276.D

Acq: 20 Oct 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

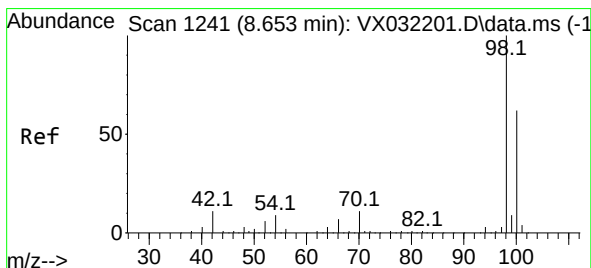
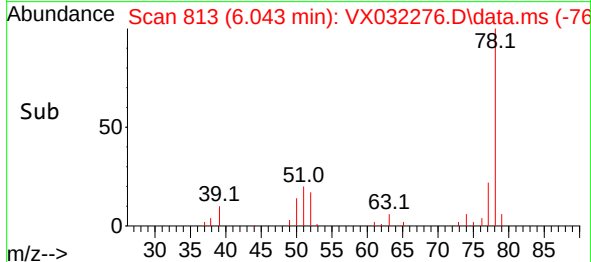
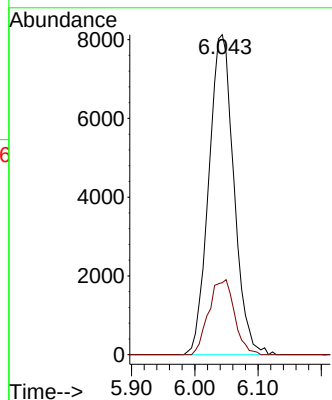
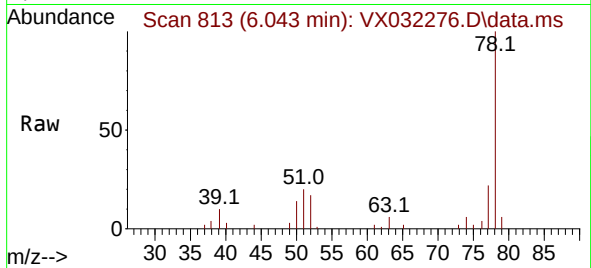
PZ-3R

Tgt Ion: 78 Resp: 22384

Ion Ratio Lower Upper

78 100

77 22.5 18.6 27.8



#50

Toluene-d8

Concen: 47.501 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX032276.D

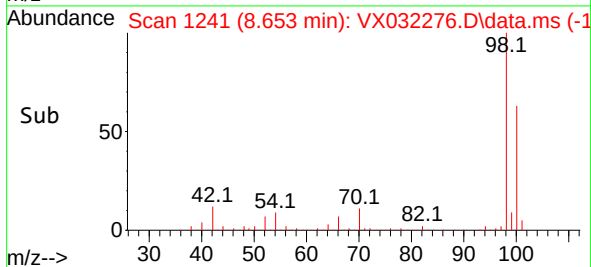
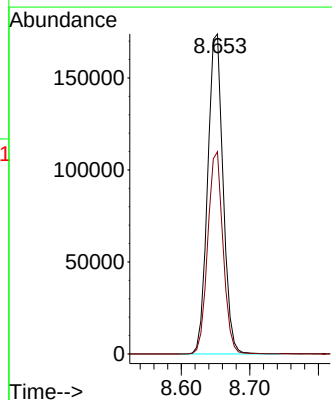
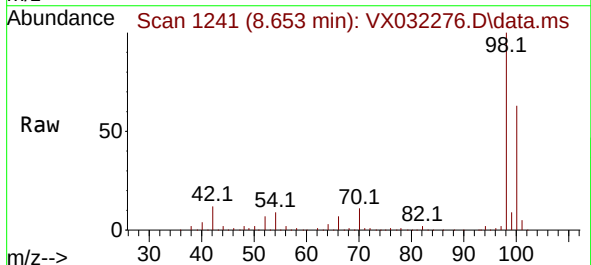
Acq: 20 Oct 2022 20:20

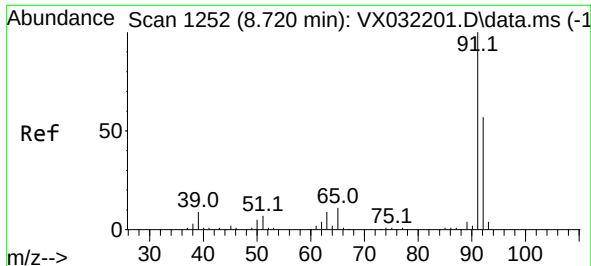
Tgt Ion: 98 Resp: 272194

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1

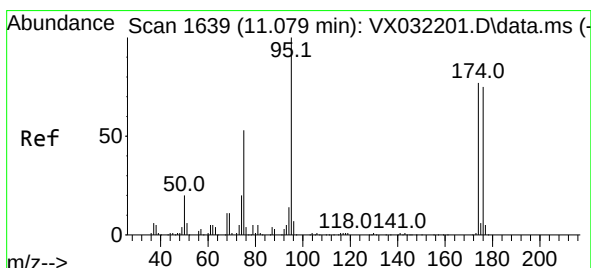
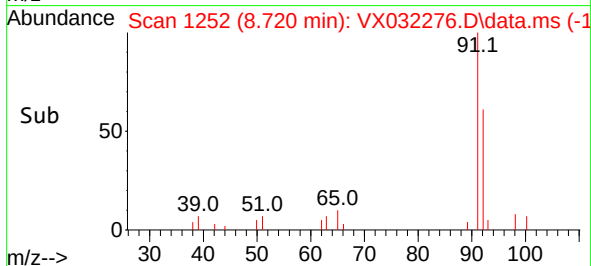
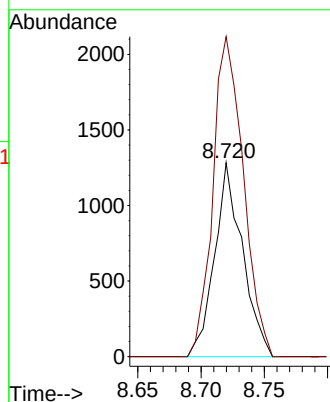
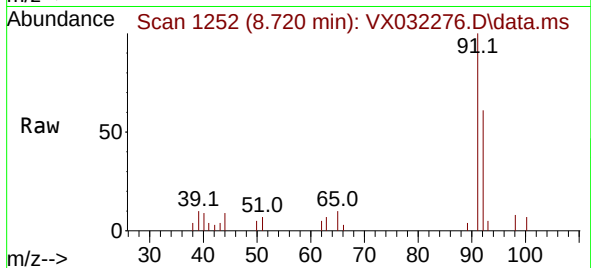




#52
Toluene
Concen: 0.511 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

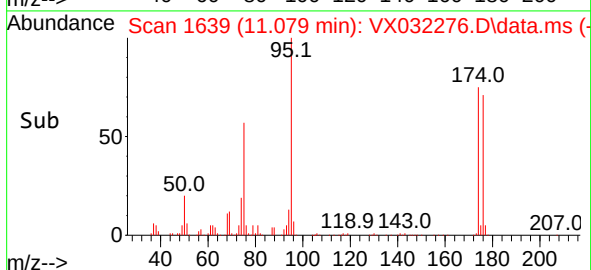
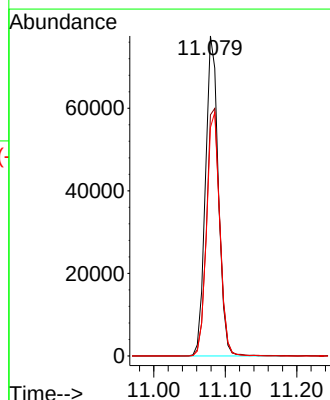
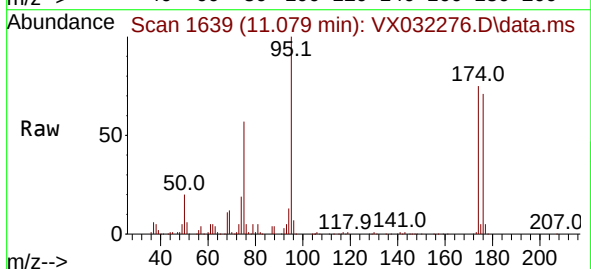
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

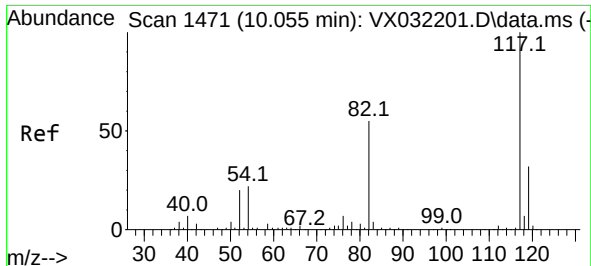
Tgt Ion: 92 Resp: 1965
Ion Ratio Lower Upper
92 100
91 180.5 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 46.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

Tgt Ion: 95 Resp: 97235
Ion Ratio Lower Upper
95 100
174 79.7 0.0 166.8
176 77.5 0.0 161.4

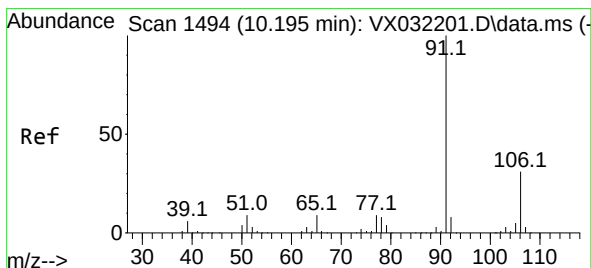
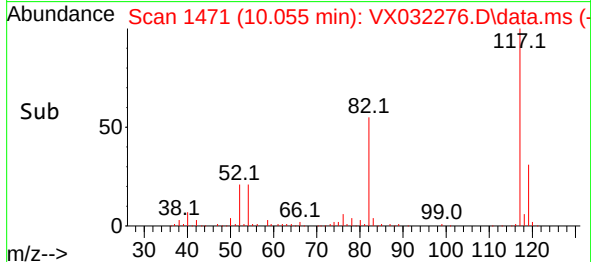
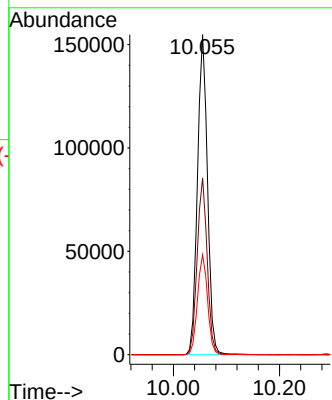
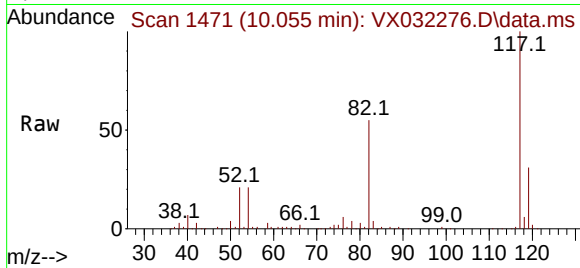




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

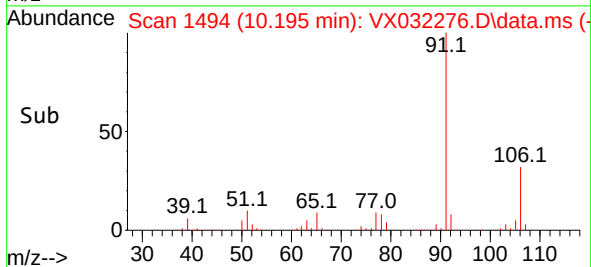
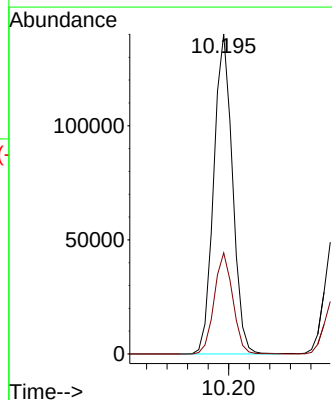
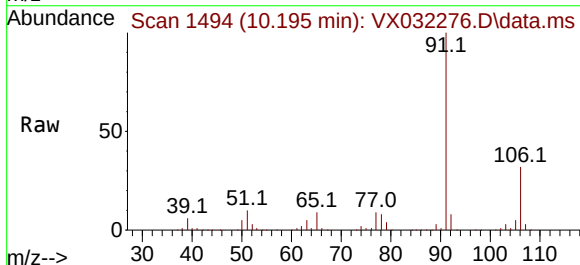
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

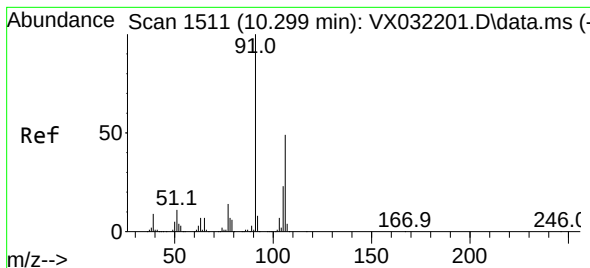
Tgt Ion:117 Resp: 203114
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 31.3 25.8 38.8



#67
Ethyl Benzene
Concen: 24.049 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

Tgt Ion: 91 Resp: 177310
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4





#68

m/p-Xylenes

Concen: 12.038 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX032276.D

Acq: 20 Oct 2022 20:20

Instrument :

MSVOA_X

ClientSampleId :

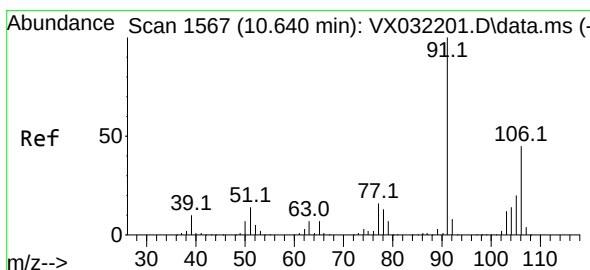
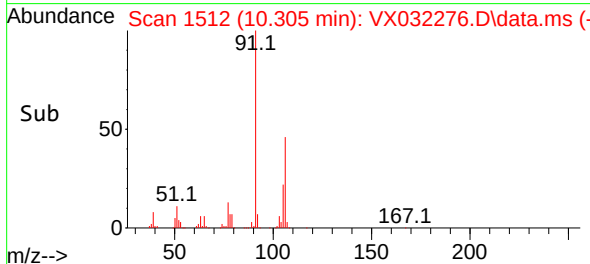
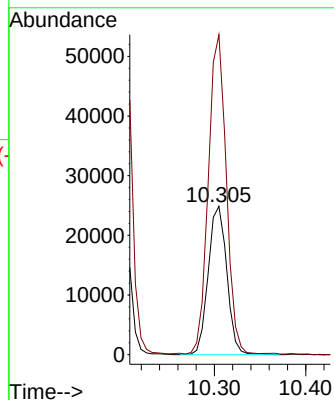
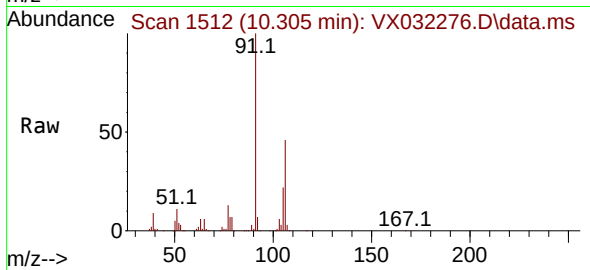
PZ-3R

Tgt Ion:106 Resp: 35051

Ion Ratio Lower Upper

106 100

91 208.7 162.6 244.0



#69

o-Xylene

Concen: 1.384 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX032276.D

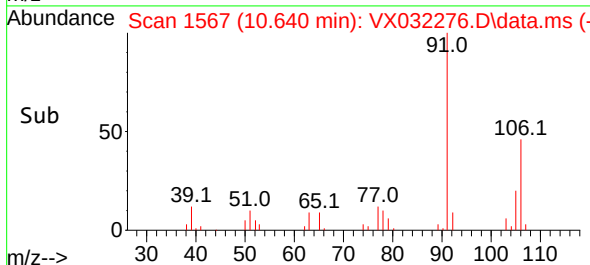
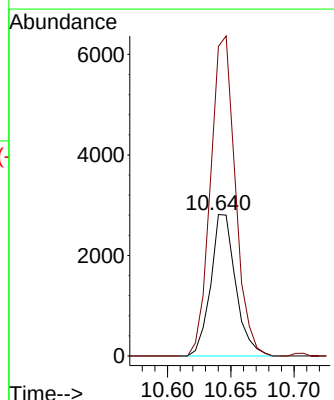
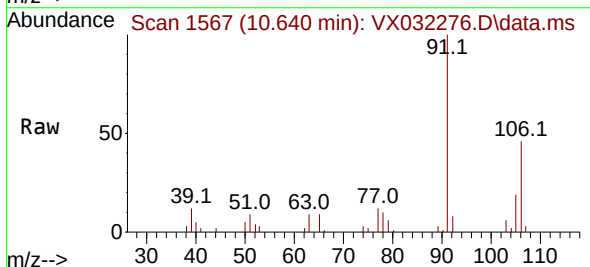
Acq: 20 Oct 2022 20:20

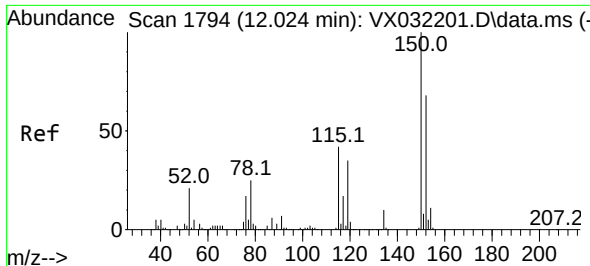
Tgt Ion:106 Resp: 3861

Ion Ratio Lower Upper

106 100

91 224.6 108.3 324.9

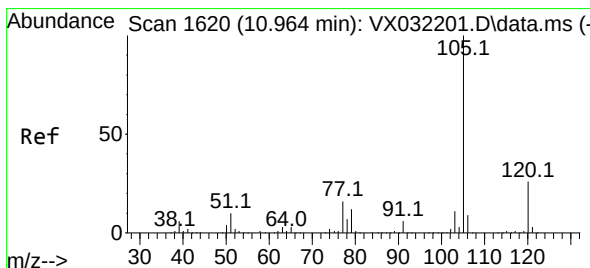
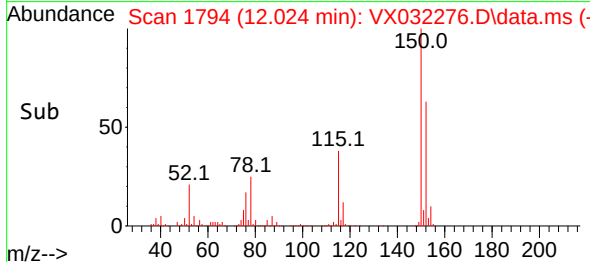
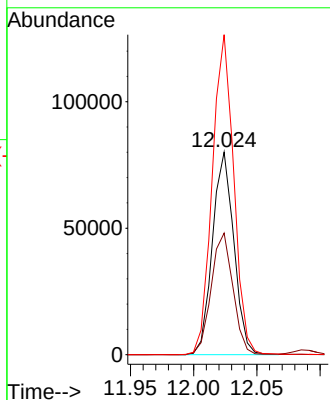
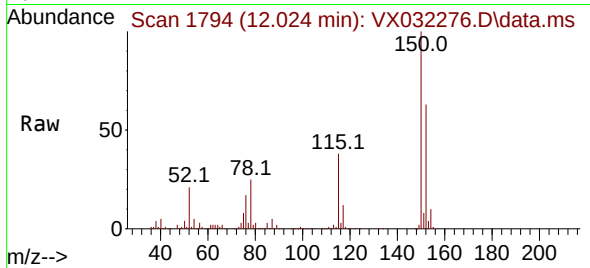




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032276.D
 Acq: 20 Oct 2022 20:20

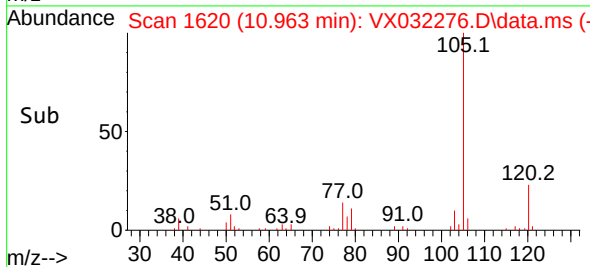
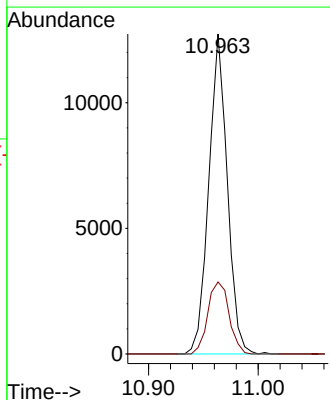
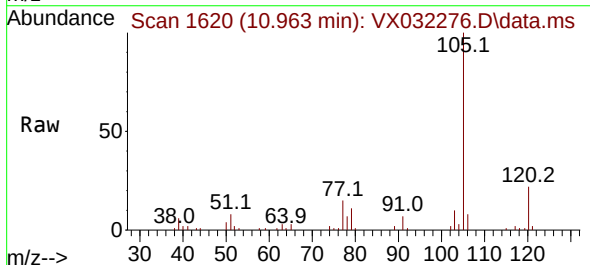
Instrument :
 MSVOA_X
 ClientSampleId :
 PZ-3R

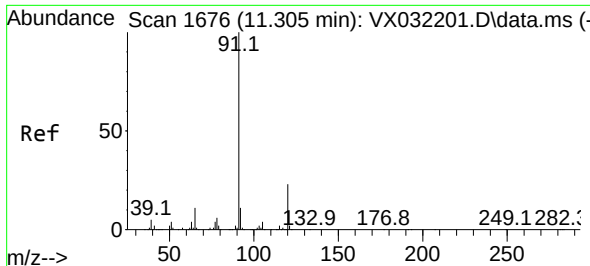
Tgt Ion:152 Resp: 94185
 Ion Ratio Lower Upper
 152 100
 115 61.0 43.1 129.4
 150 158.5 0.0 348.6



#73
 Isopropylbenzene
 Concen: 2.220 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. -0.001 min
 Lab File: VX032276.D
 Acq: 20 Oct 2022 20:20

Tgt Ion:105 Resp: 14921
 Ion Ratio Lower Upper
 105 100
 120 25.8 13.2 39.6

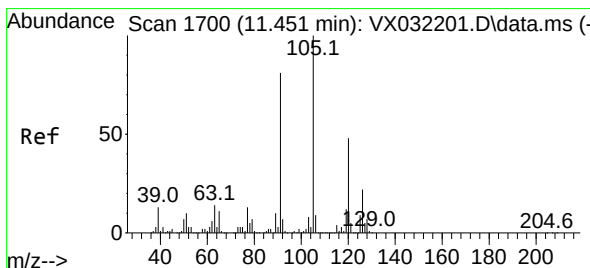
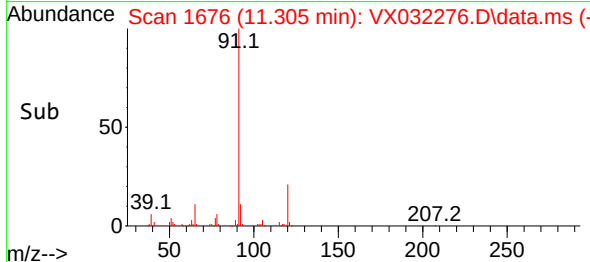
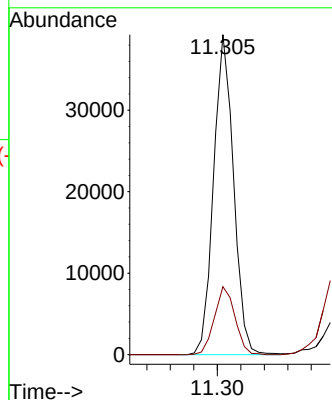
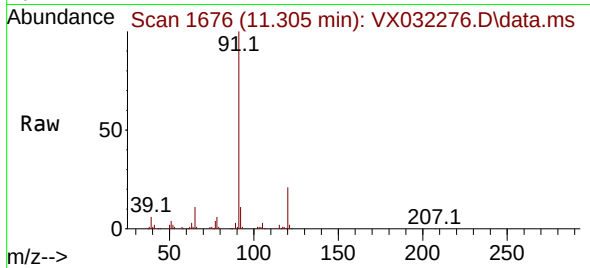




#78
n-propylbenzene
Concen: 6.021 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

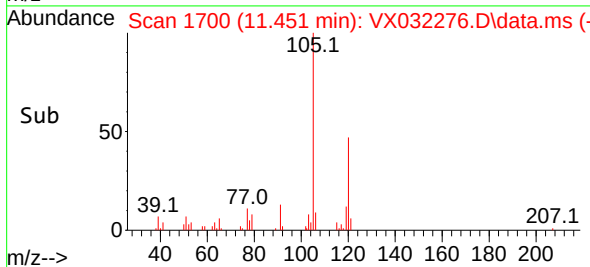
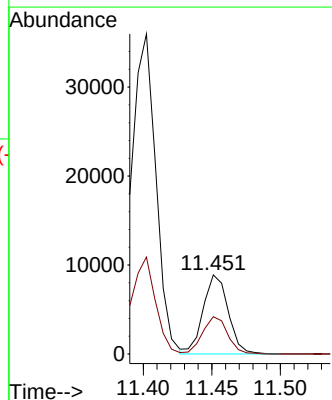
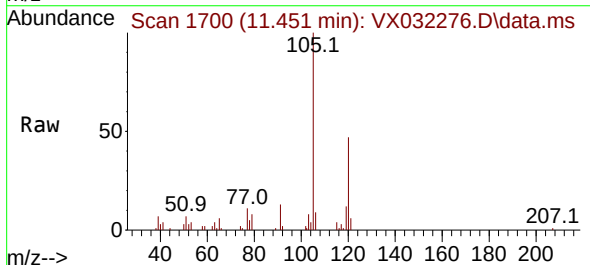
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

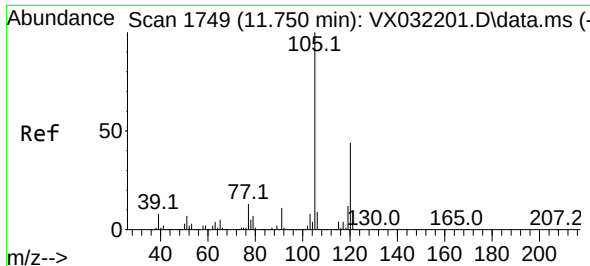
Tgt Ion: 91 Resp: 46333
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 1.952 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

Tgt Ion: 105 Resp: 11331
Ion Ratio Lower Upper
105 100
120 47.0 23.5 70.6

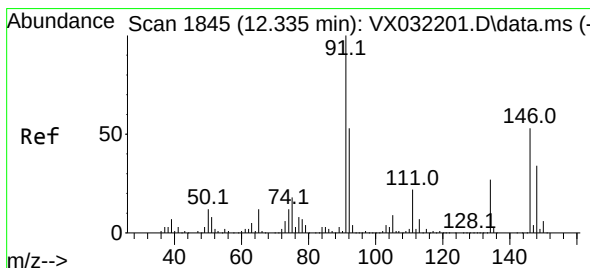
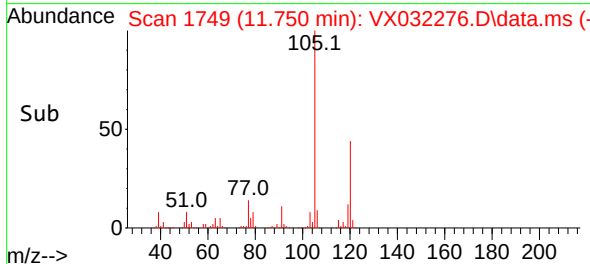
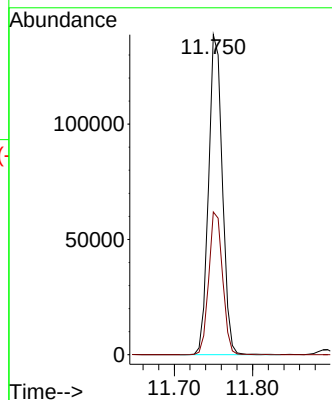
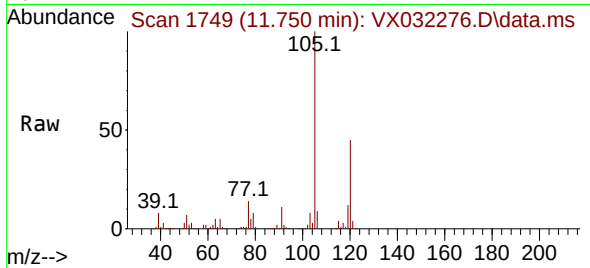




#84
1,2,4-Trimethylbenzene
Concen: 29.904 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

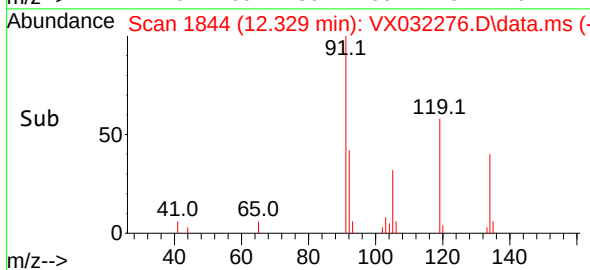
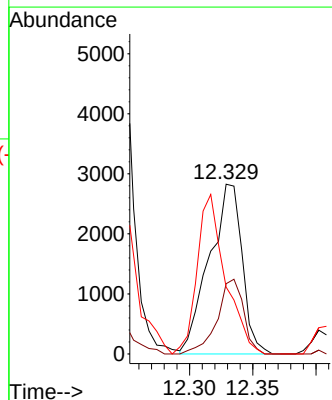
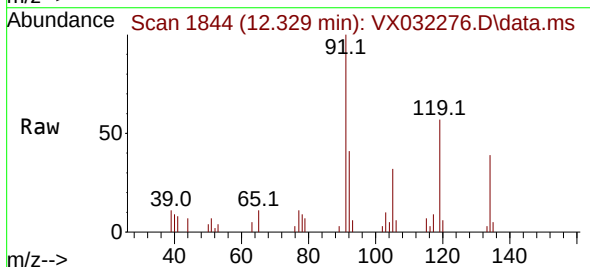
Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

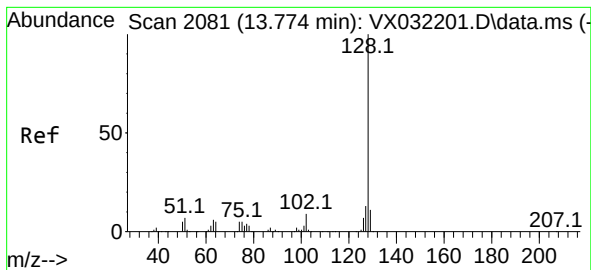
Tgt Ion:105 Resp: 168768
Ion Ratio Lower Upper
105 100
120 44.8 22.1 66.1



#89
n-Butylbenzene
Concen: 0.971 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

Tgt Ion: 91 Resp: 5109
Ion Ratio Lower Upper
91 100
92 35.3 26.3 78.9
134 80.7 13.0 39.0#





#95
Naphthalene
Concen: 6.130 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX032276.D
Acq: 20 Oct 2022 20:20

Instrument :
MSVOA_X
ClientSampleId :
PZ-3R

Tgt Ion:128 Resp: 39782
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.7 13.1

