

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026816.D
 Acq On : 08 Feb 2022 12:55
 Operator : JC/MD
 Sample : N1368-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31382

Quant Time: Feb 09 03:01:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

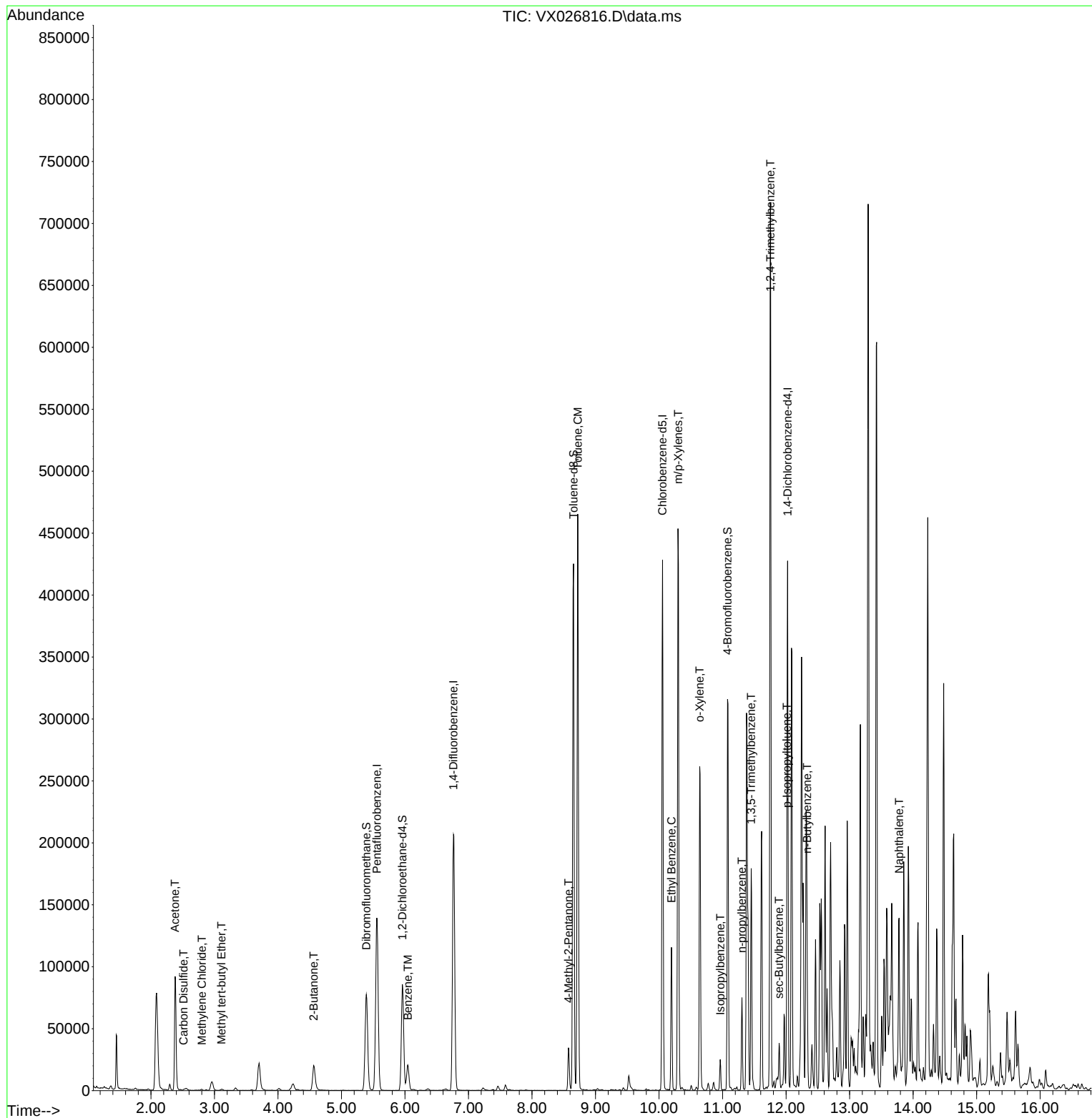
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	133603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81419	50.767	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.540%		
35) Dibromofluoromethane	5.391	113	68729	52.350	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.700%		
50) Toluene-d8	8.653	98	253538	52.610	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 105.220%		
62) 4-Bromofluorobenzene	11.079	95	90884	53.566	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.140%		
Target Compounds						Qvalue
16) Acetone	2.379	43	99808	141.695	ug/l	97
17) Carbon Disulfide	2.514	76	1042	0.269	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	1047	0.216	ug/l	97
20) Methylene Chloride	2.800	84	404	0.265	ug/l #	82
25) 2-Butanone	4.562	43	24939	21.975	ug/l	99
40) Benzene	6.043	78	24173	4.005	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	20633	9.402	ug/l	98
52) Toluene	8.720	92	169841	44.441	ug/l	99
67) Ethyl Benzene	10.195	91	63282	9.017	ug/l	98
68) m/p-Xylenes	10.299	106	107110	39.670	ug/l	97
69) o-Xylene	10.640	106	57554	21.754	ug/l	98
73) Isopropylbenzene	10.963	105	12688	1.890	ug/l	99
78) n-propylbenzene	11.305	91	43911	5.899	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	75994	13.751	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	323951	58.115	ug/l	97
85) sec-Butylbenzene	11.890	105	19032	2.850	ug/l	87
86) p-Isopropyltoluene	12.012	119	13908	2.459	ug/l	99
89) n-Butylbenzene	12.329	91	41550	8.978	ug/l #	40
95) Naphthalene	13.780	128	82847	13.280	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
Data File : VX026816.D
Acq On : 08 Feb 2022 12:55
Operator : JC/MD
Sample : N1368-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31382

Quant Time: Feb 09 03:01:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

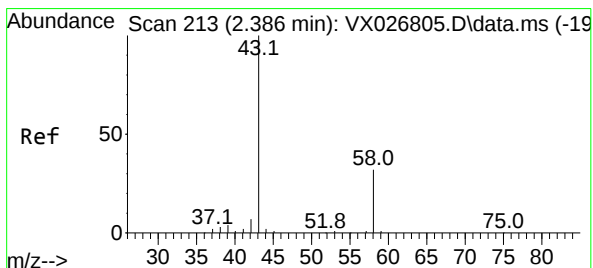
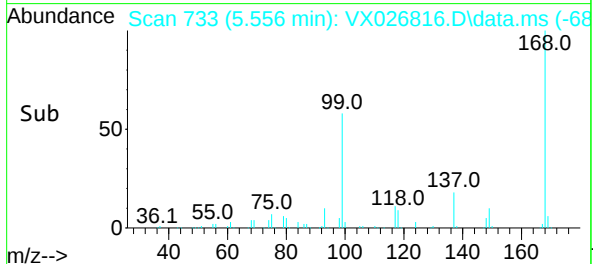
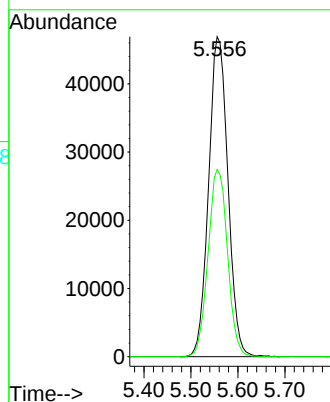
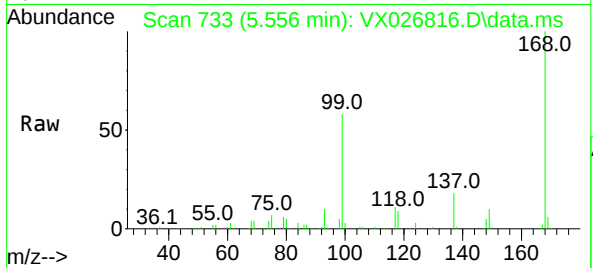




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

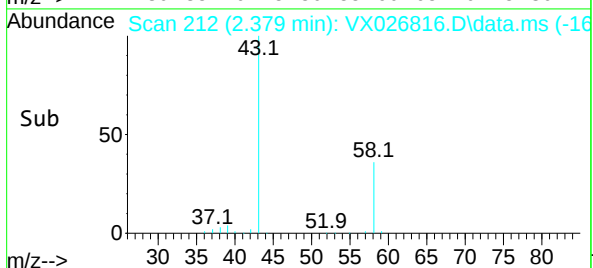
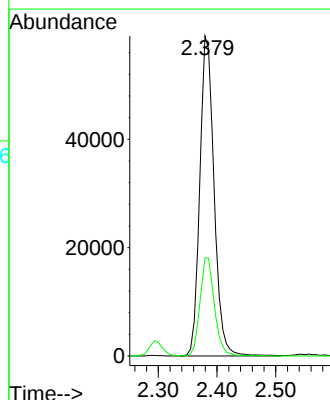
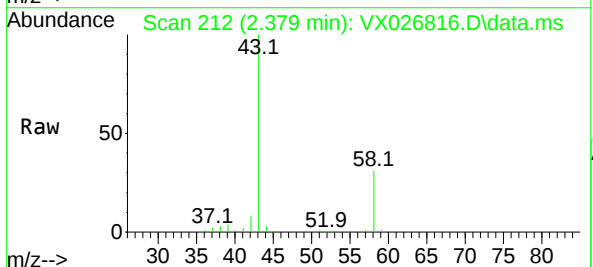
Instrument :
MSVOA_X
ClientSampleId :
31382

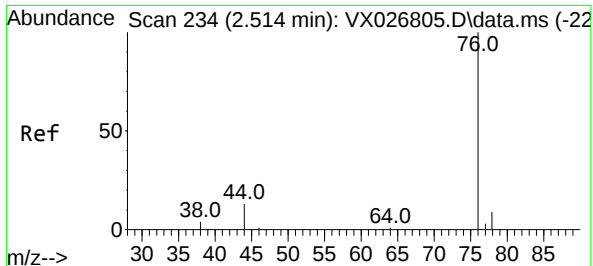
Tgt Ion:168 Resp: 133603
Ion Ratio Lower Upper
168 100
99 58.5 50.3 75.5



#16
Acetone
Concen: 141.695 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion: 43 Resp: 99808
Ion Ratio Lower Upper
43 100
58 30.6 23.0 34.6

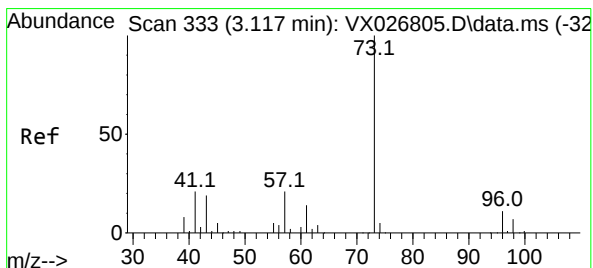
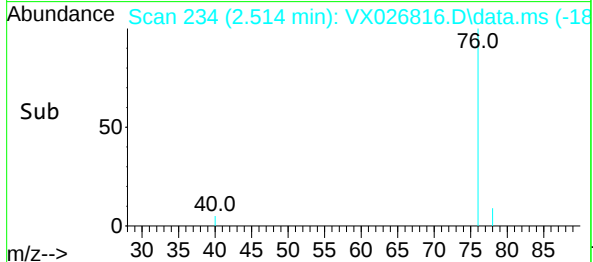
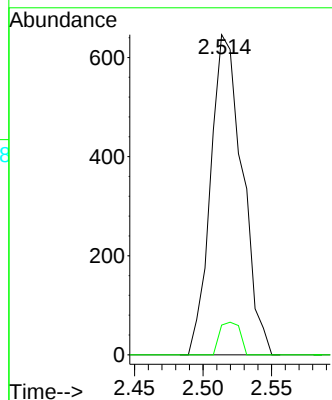
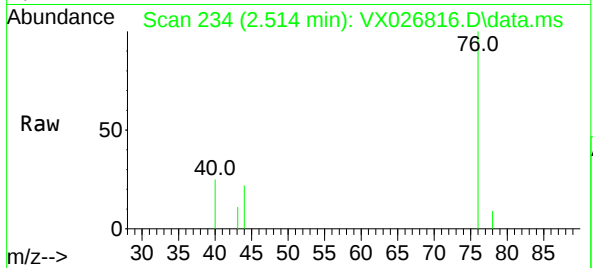




#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

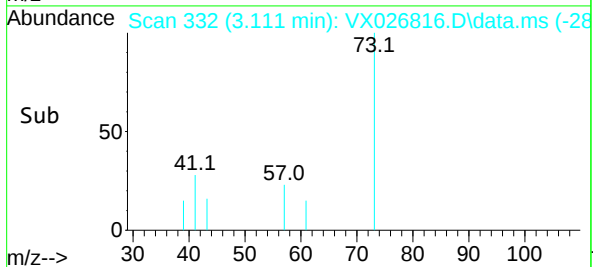
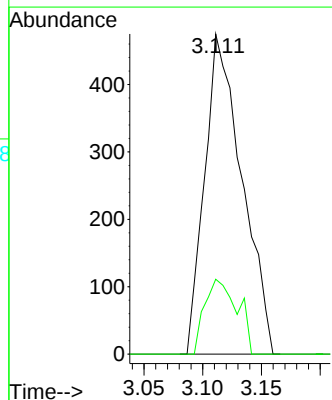
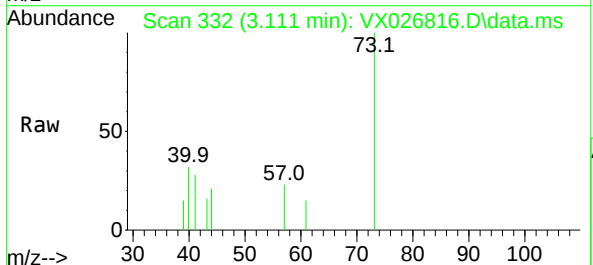
Instrument :
MSVOA_X
ClientSampleId :
31382

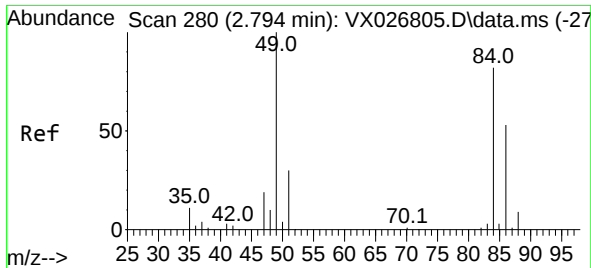
Tgt Ion: 76 Resp: 1042
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#19
Methyl tert-butyl Ether
Concen: 0.216 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion: 73 Resp: 1047
Ion Ratio Lower Upper
73 100
57 23.4 17.4 26.2



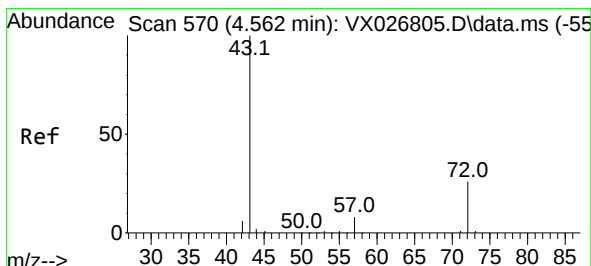
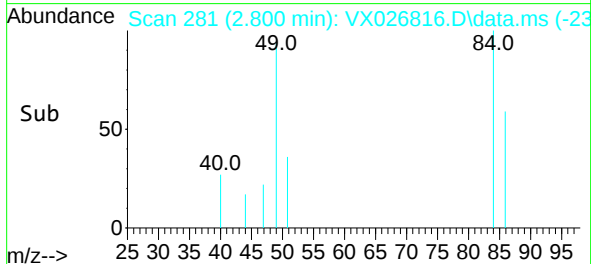
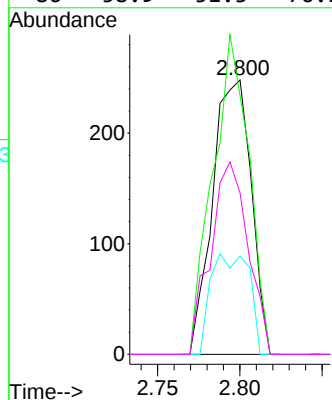
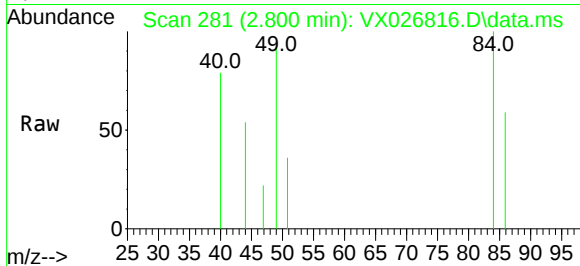


#20
Methylene Chloride
Concen: 0.265 ug/l
RT: 2.800 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
31382

Tgt Ion: 84 Resp: 404

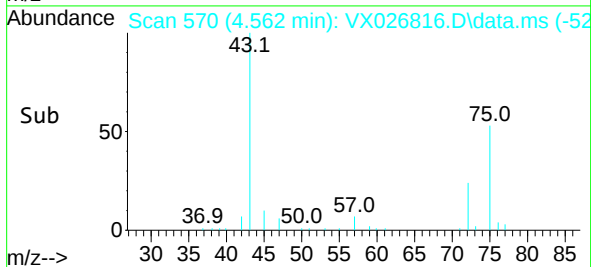
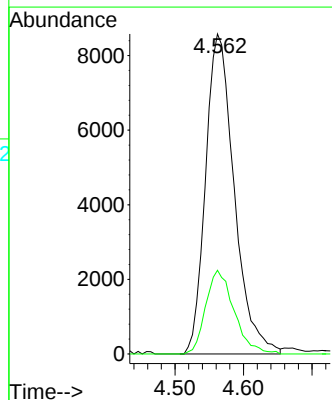
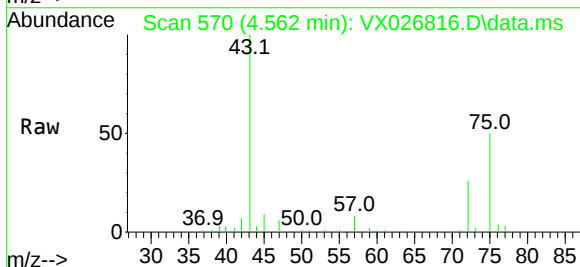
Ion	Ratio	Lower	Upper
84	100		
49	94.4	101.5	152.3#
51	35.9	31.2	46.8
86	58.9	51.3	76.9

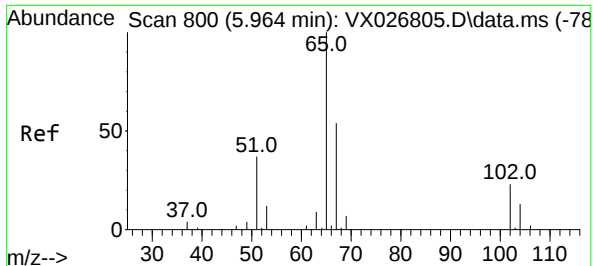


#25
2-Butanone
Concen: 21.975 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion: 43 Resp: 24939

Ion	Ratio	Lower	Upper
43	100		
72	26.2	20.4	30.6





#33

1,2-Dichloroethane-d4

Concen: 50.767 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX026816.D

Acq: 08 Feb 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

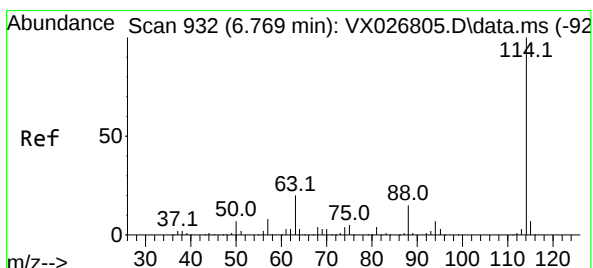
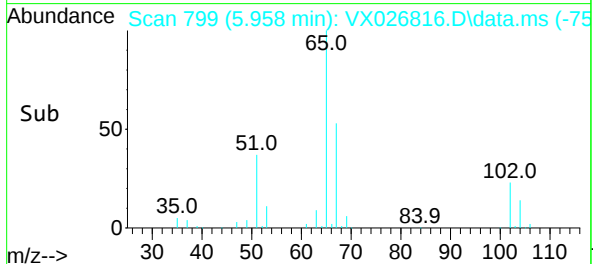
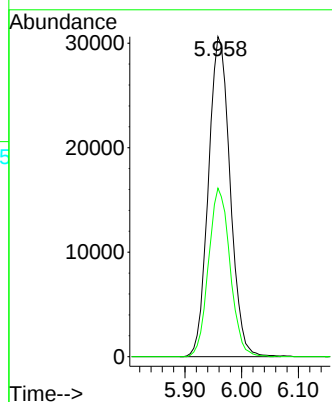
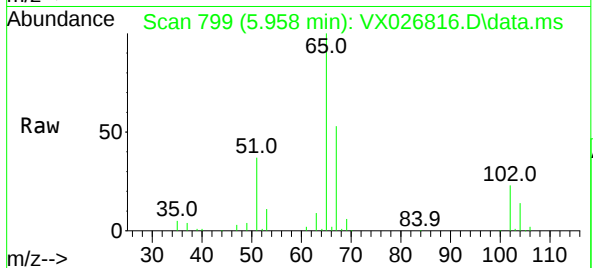
31382

Tgt Ion: 65 Resp: 81419

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX026816.D

Acq: 08 Feb 2022 12:55

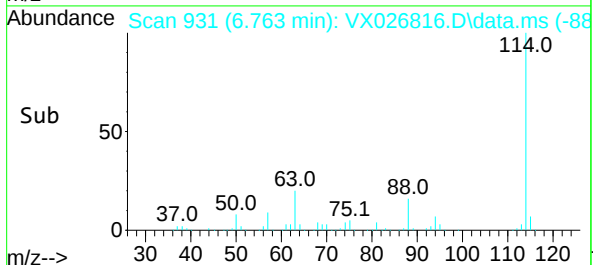
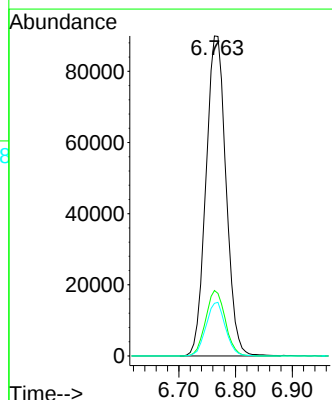
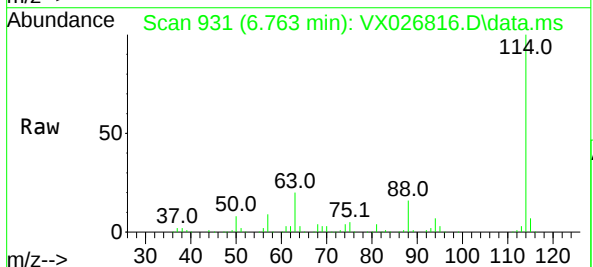
Tgt Ion: 114 Resp: 220362

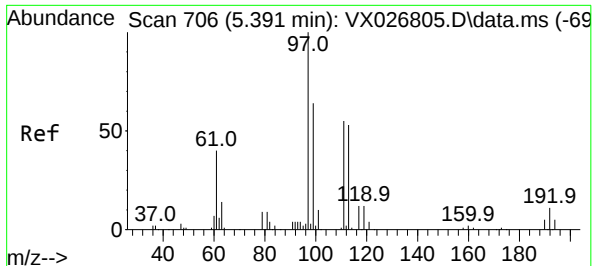
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.350 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026816.D

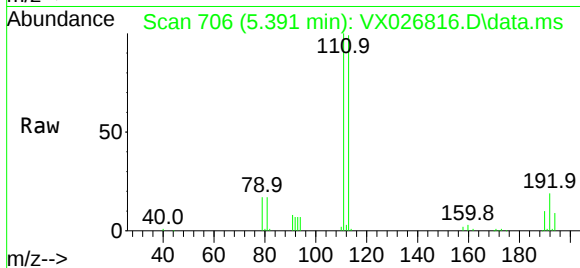
Acq: 08 Feb 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

31382



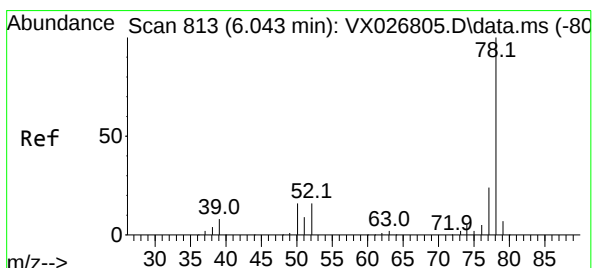
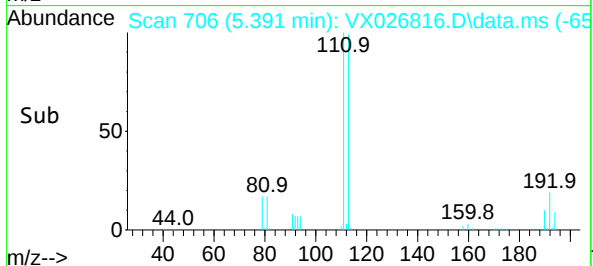
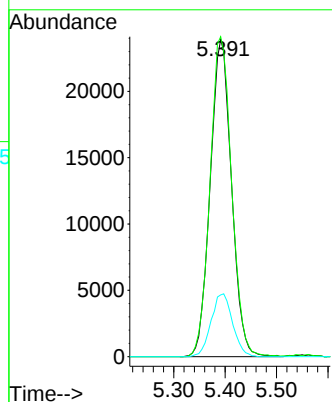
Tgt Ion:113 Resp: 68729

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

192 20.0 15.0 22.4



#40

Benzene

Concen: 4.005 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX026816.D

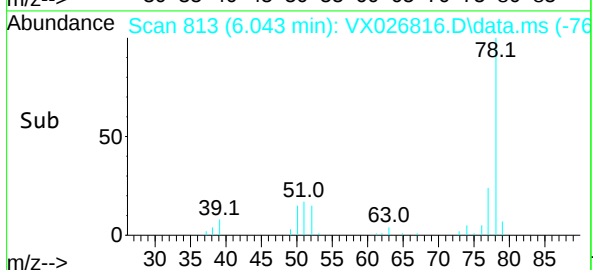
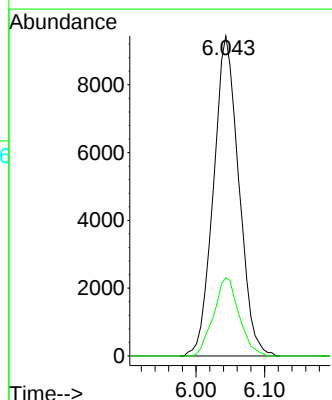
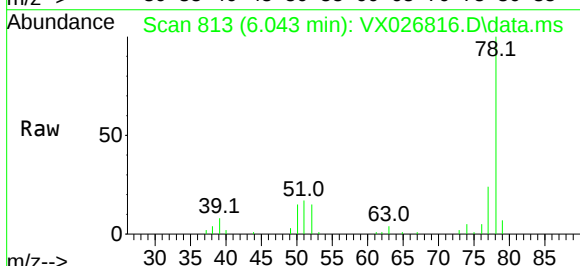
Acq: 08 Feb 2022 12:55

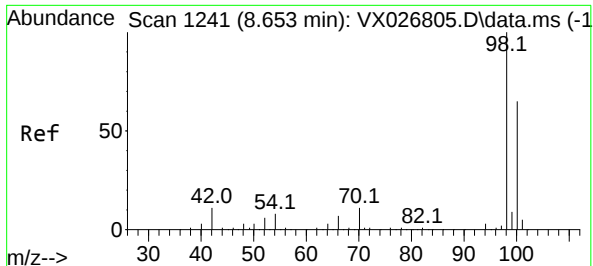
Tgt Ion: 78 Resp: 24173

Ion Ratio Lower Upper

78 100

77 24.4 18.9 28.3

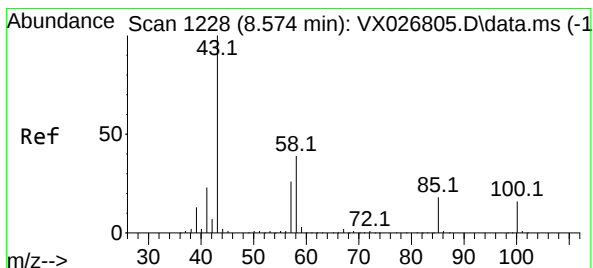
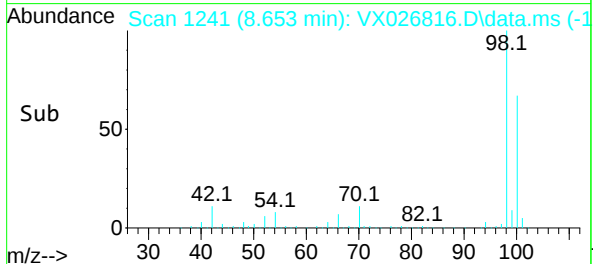
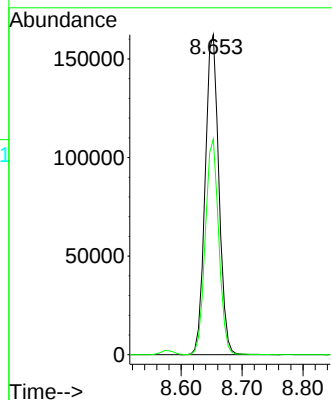
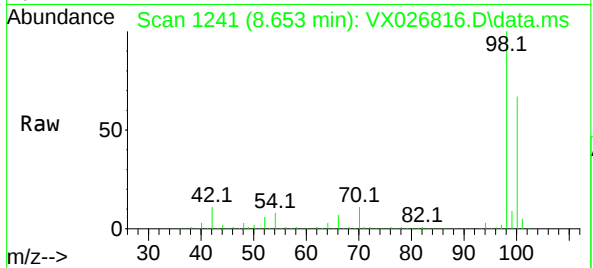




#50
Toluene-d8
Concen: 52.610 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

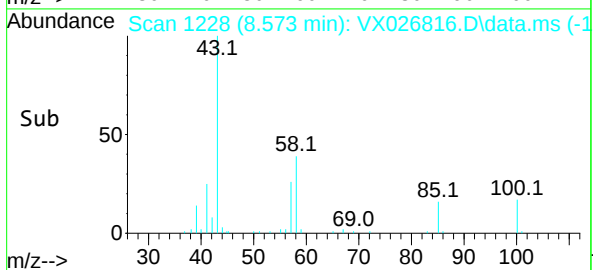
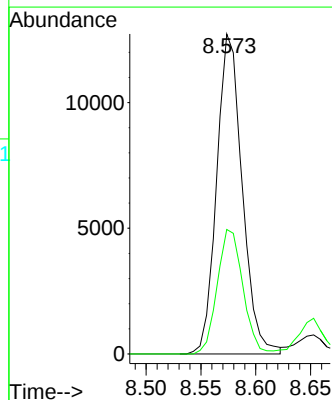
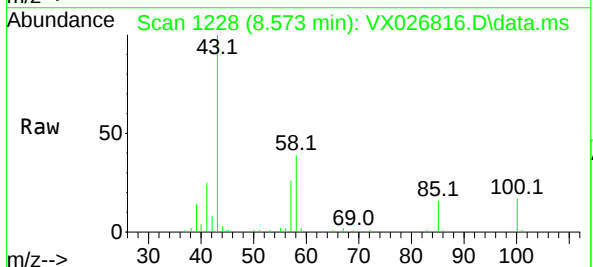
Instrument :
MSVOA_X
ClientSampleId :
31382

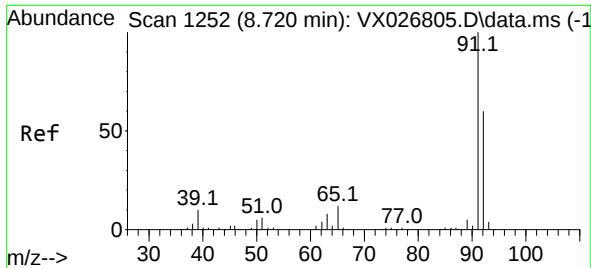
Tgt Ion: 98 Resp: 253538
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 9.402 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion: 43 Resp: 20633
Ion Ratio Lower Upper
43 100
58 39.0 30.5 45.7

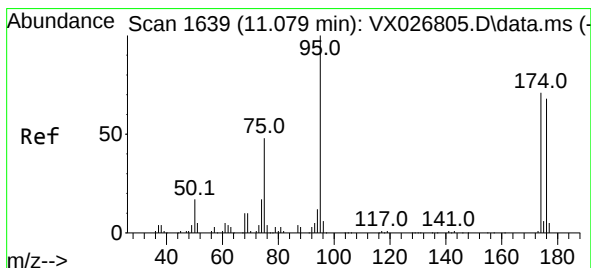
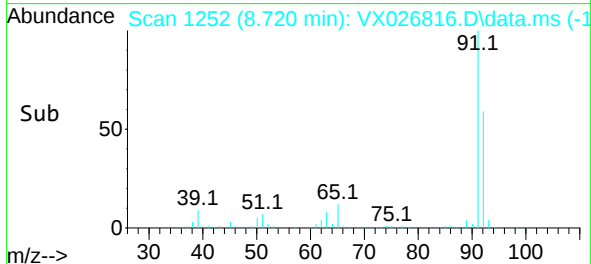
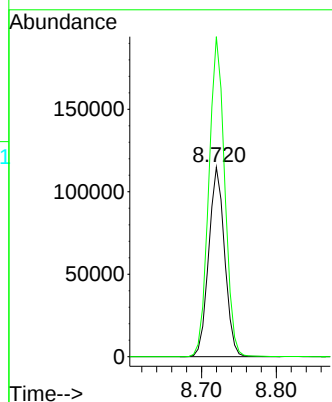
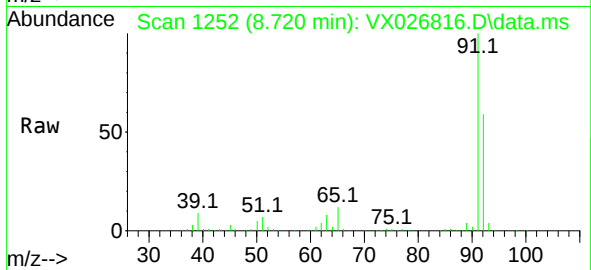




#52
Toluene
Concen: 44.441 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

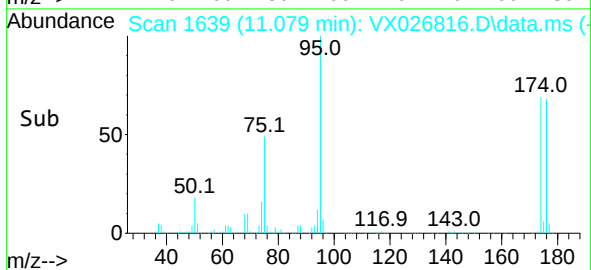
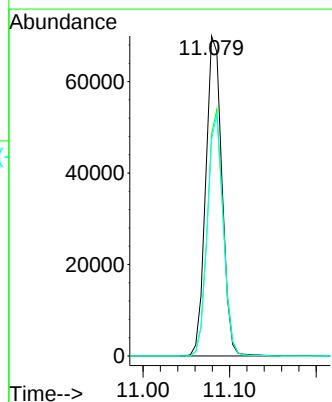
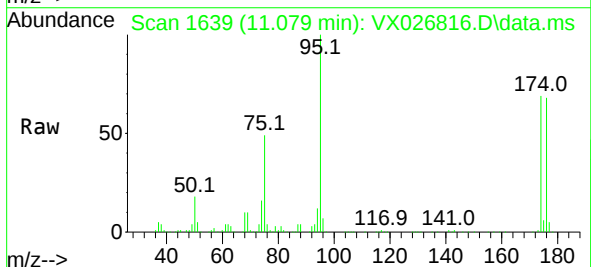
Instrument :
MSVOA_X
ClientSampleId :
31382

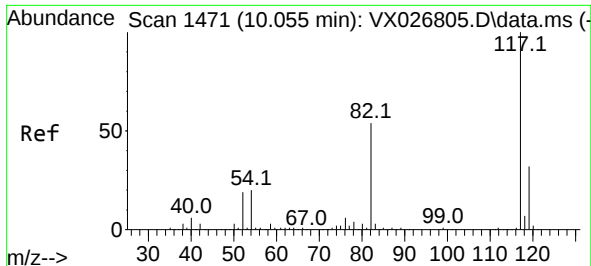
Tgt Ion: 92 Resp: 169841
Ion Ratio Lower Upper
92 100
91 168.6 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 53.566 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion: 95 Resp: 90884
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 73.2 0.0 141.4

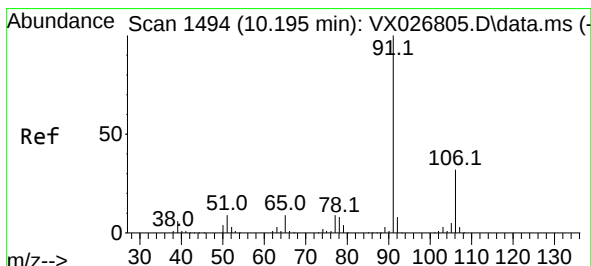
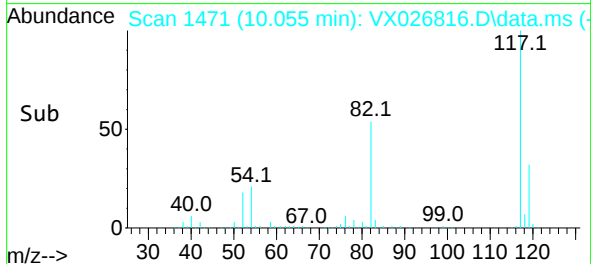
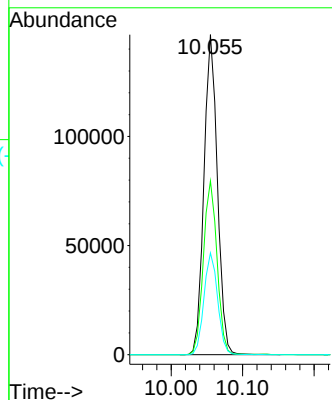
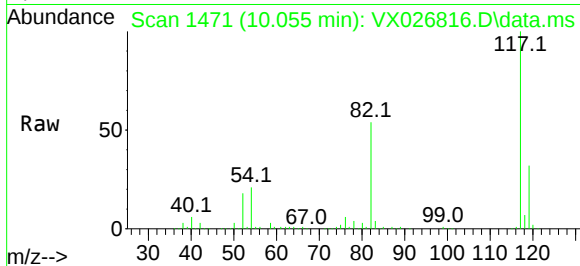




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

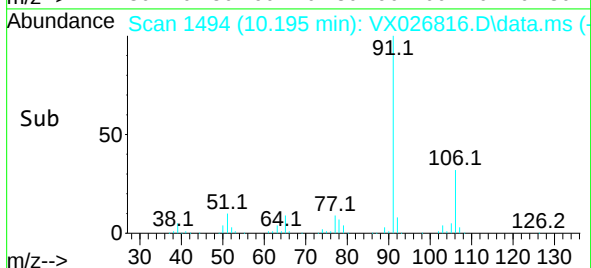
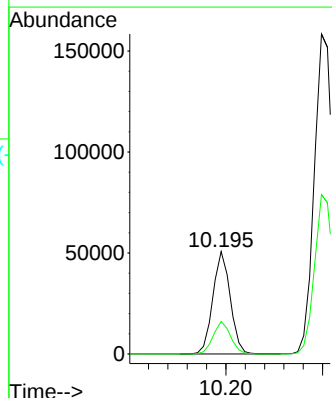
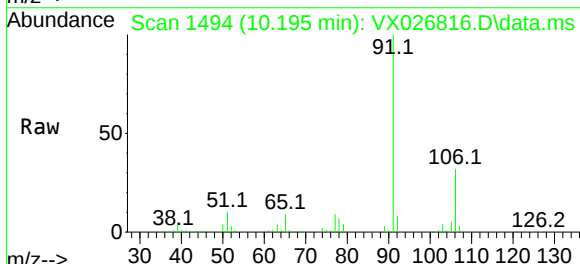
Instrument :
MSVOA_X
ClientSampleId :
31382

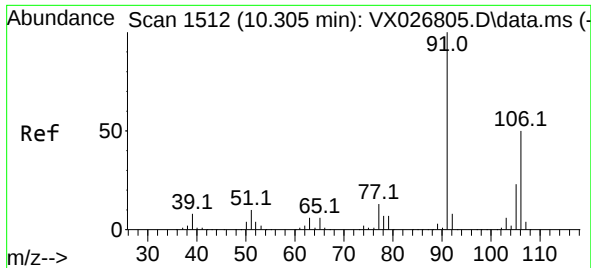
Tgt Ion:117 Resp: 191725
Ion Ratio Lower Upper
117 100
82 54.3 45.2 67.8
119 31.8 26.2 39.2



#67
Ethyl Benzene
Concen: 9.017 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion: 91 Resp: 63282
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1

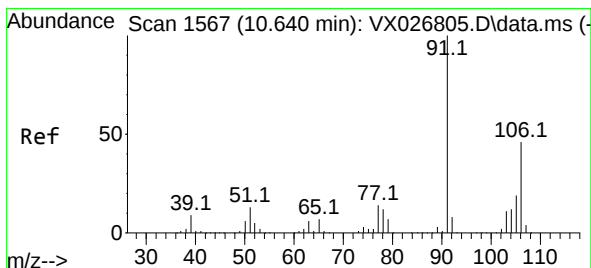
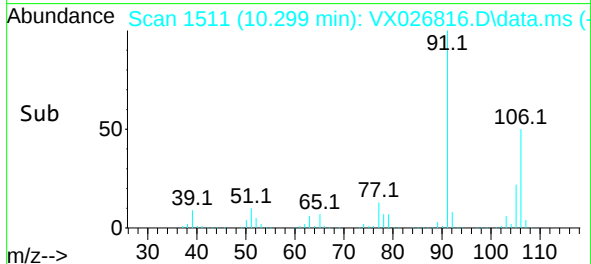
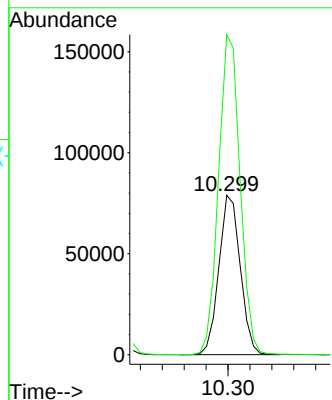
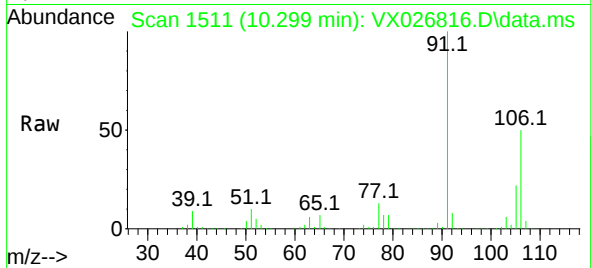




#68
m/p-Xylenes
Concen: 39.670 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

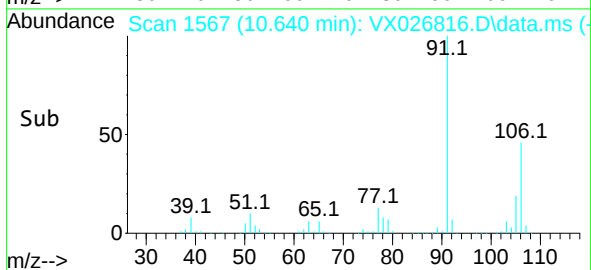
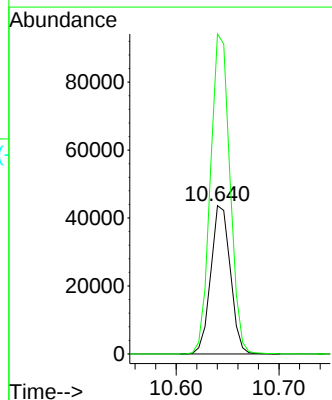
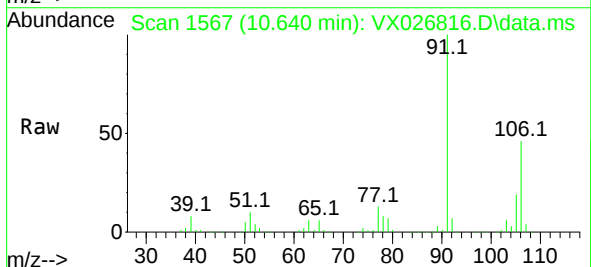
Instrument :
MSVOA_X
ClientSampleId :
31382

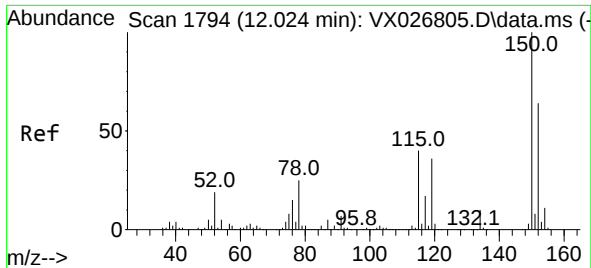
Tgt Ion:106 Resp: 107110
Ion Ratio Lower Upper
106 100
91 202.6 165.3 247.9



#69
o-Xylene
Concen: 21.754 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion:106 Resp: 57554
Ion Ratio Lower Upper
106 100
91 216.1 109.7 329.0

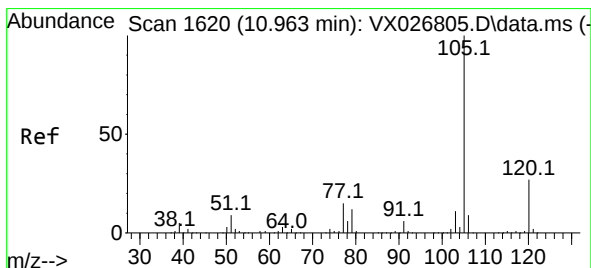
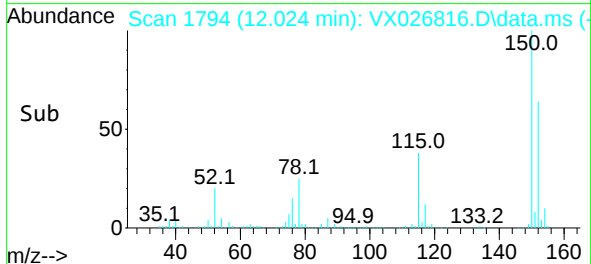
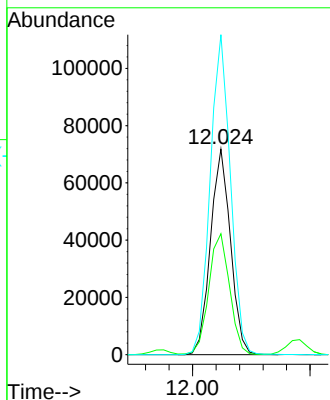
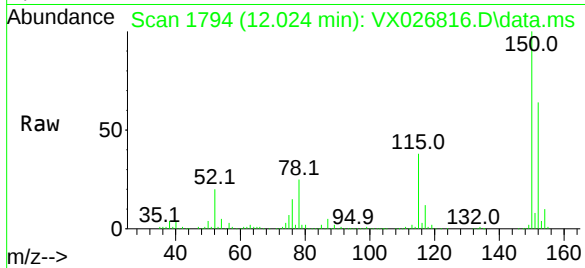




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

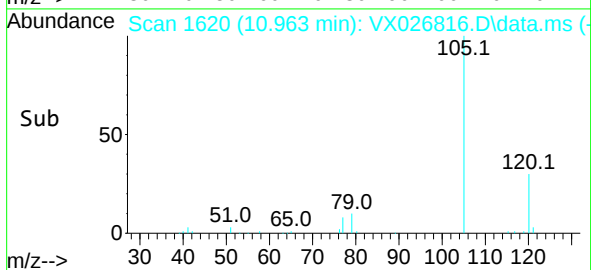
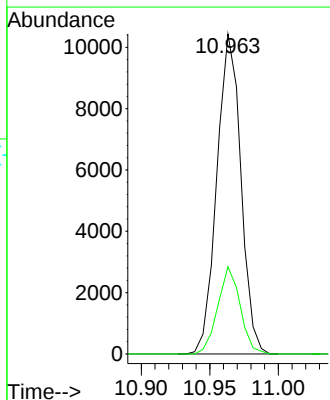
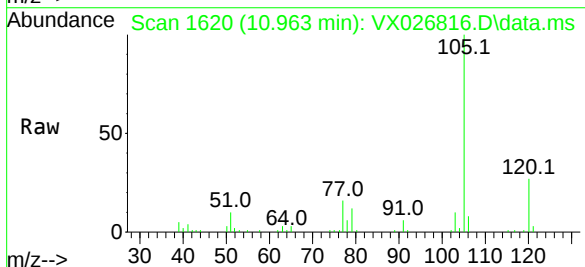
Instrument :
MSVOA_X
ClientSampleId :
31382

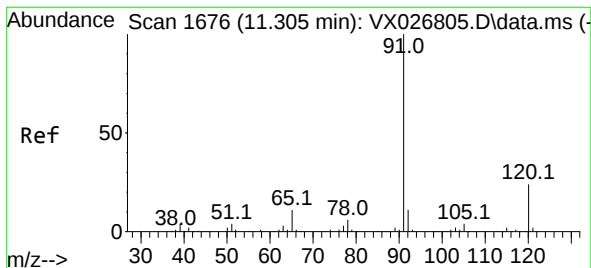
Tgt Ion:152 Resp: 85248
Ion Ratio Lower Upper
152 100
115 61.4 44.2 132.6
150 156.8 0.0 348.2



#73
Isopropylbenzene
Concen: 1.890 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion:105 Resp: 12688
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1





#78

n-propylbenzene

Concen: 5.899 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX026816.D

Acq: 08 Feb 2022 12:55

Instrument :

MSVOA_X

ClientSampleId :

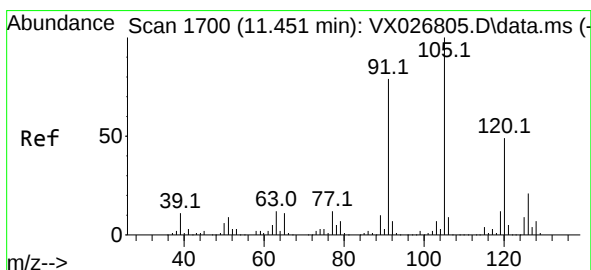
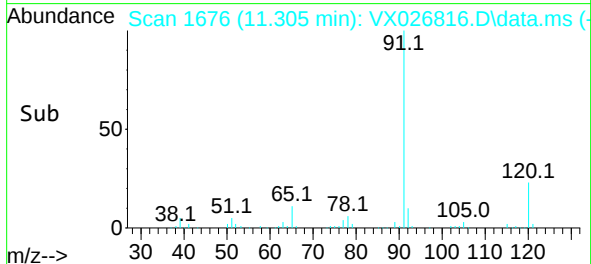
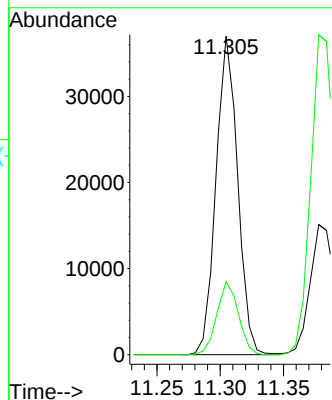
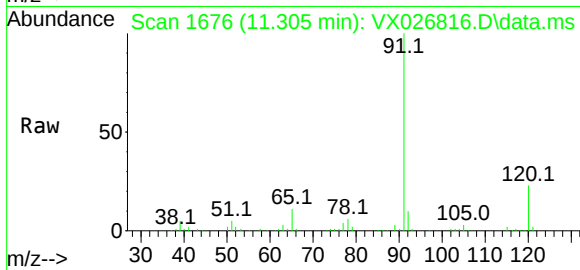
31382

Tgt Ion: 91 Resp: 43911

Ion Ratio Lower Upper

91 100

120 22.8 11.6 34.7



#80

1,3,5-Trimethylbenzene

Concen: 13.751 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX026816.D

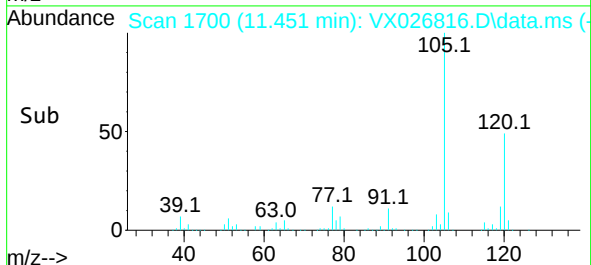
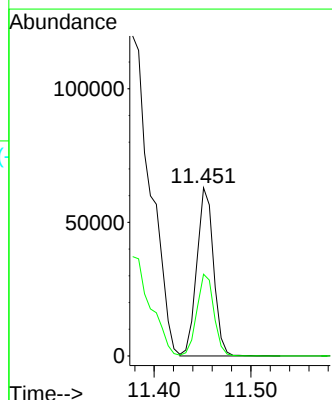
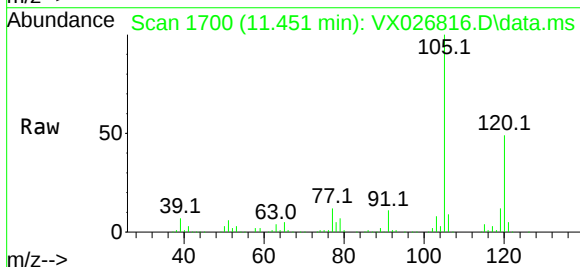
Acq: 08 Feb 2022 12:55

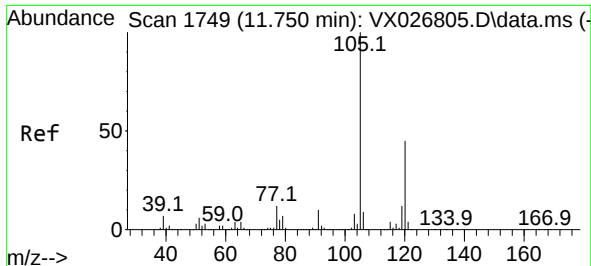
Tgt Ion: 105 Resp: 75994

Ion Ratio Lower Upper

105 100

120 49.5 24.0 72.0

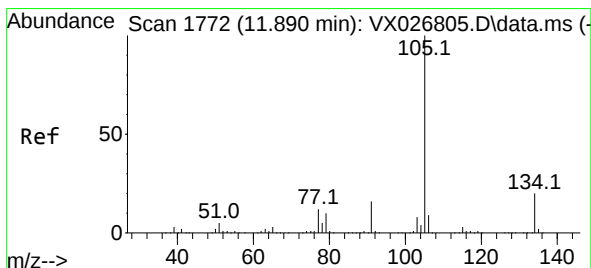
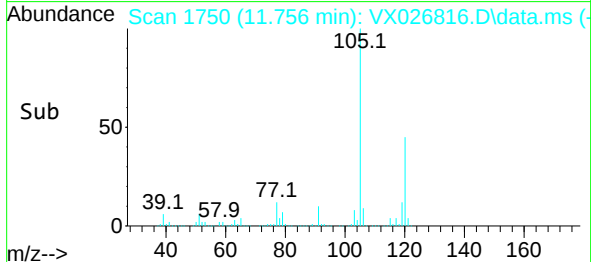
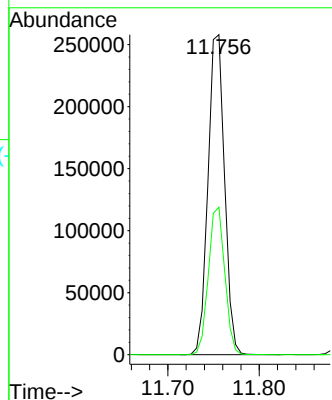
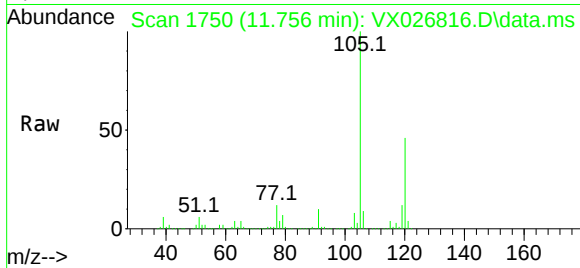




#84
1,2,4-Trimethylbenzene
Concen: 58.115 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

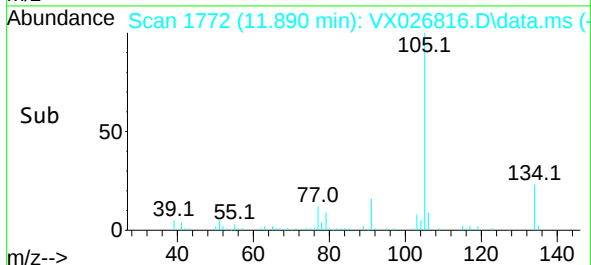
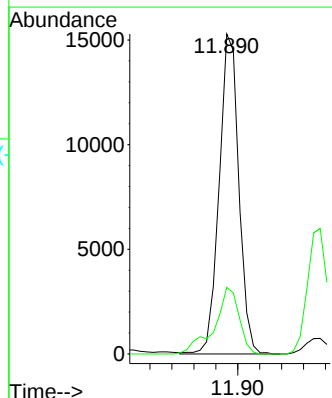
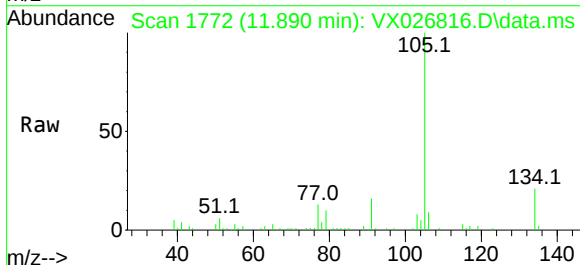
Instrument :
MSVOA_X
ClientSampleId :
31382

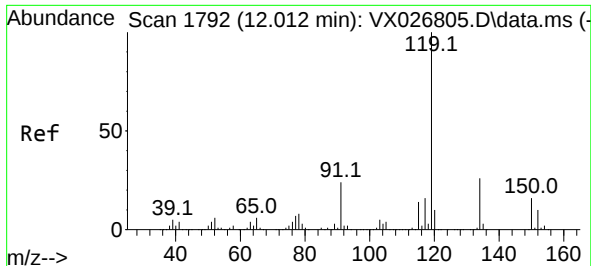
Tgt Ion:105 Resp: 323951
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.5



#85
sec-Butylbenzene
Concen: 2.850 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Tgt Ion:105 Resp: 19032
Ion Ratio Lower Upper
105 100
134 26.2 10.1 30.1

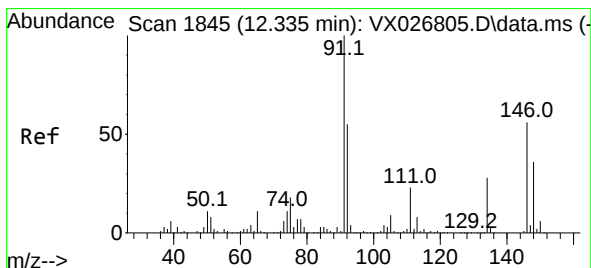
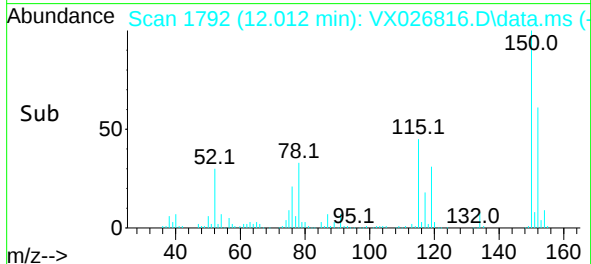
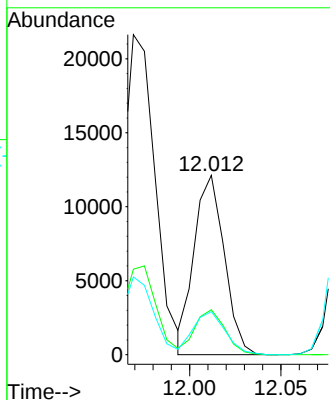
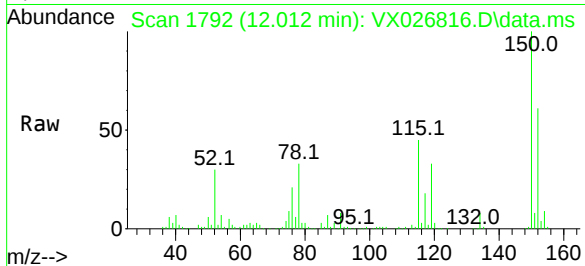




#86
p-Isopropyltoluene
Concen: 2.459 ug/l
RT: 12.012 min Scan# 119
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

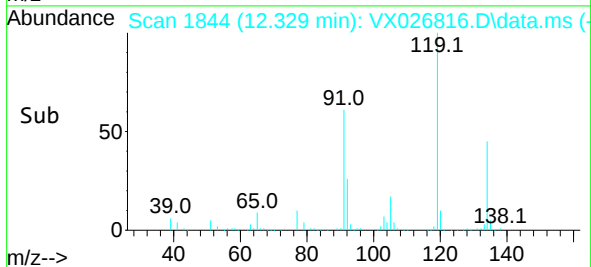
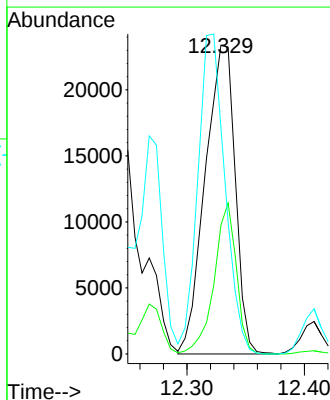
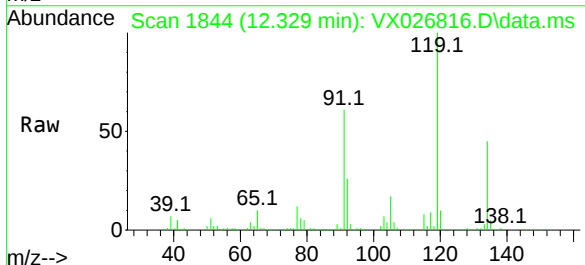
Instrument :
MSVOA_X
ClientSampleId :
31382

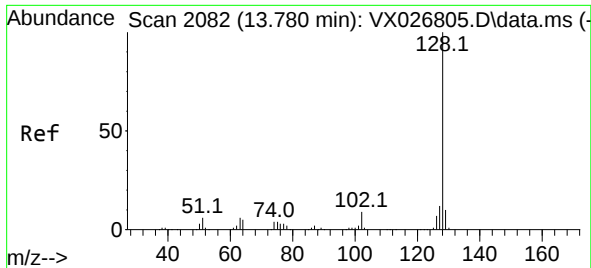
Tgt Ion:119 Resp: 13908
Ion Ratio Lower Upper
119 100
134 25.3 13.0 39.0
91 25.7 12.6 37.6



#89
n-Butylbenzene
Concen: 8.978 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

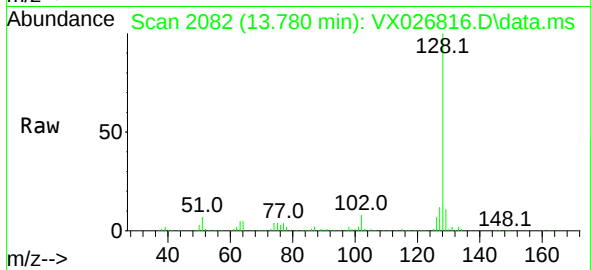
Tgt Ion: 91 Resp: 41550
Ion Ratio Lower Upper
91 100
92 36.2 27.2 81.6
134 93.5 13.1 39.1#





#95
Naphthalene
Concen: 13.280 ug/l
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX026816.D
Acq: 08 Feb 2022 12:55

Instrument :
MSVOA_X
ClientSampleId :
31382



Tgt Ion:128 Resp: 82847
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 12.0 8.7 13.1

