

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052422\
 Data File : VX028928.D
 Acq On : 24 May 2022 17:52
 Operator : JC/MD
 Sample : N2970-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 28S-20220519

Quant Time: May 25 01:50:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

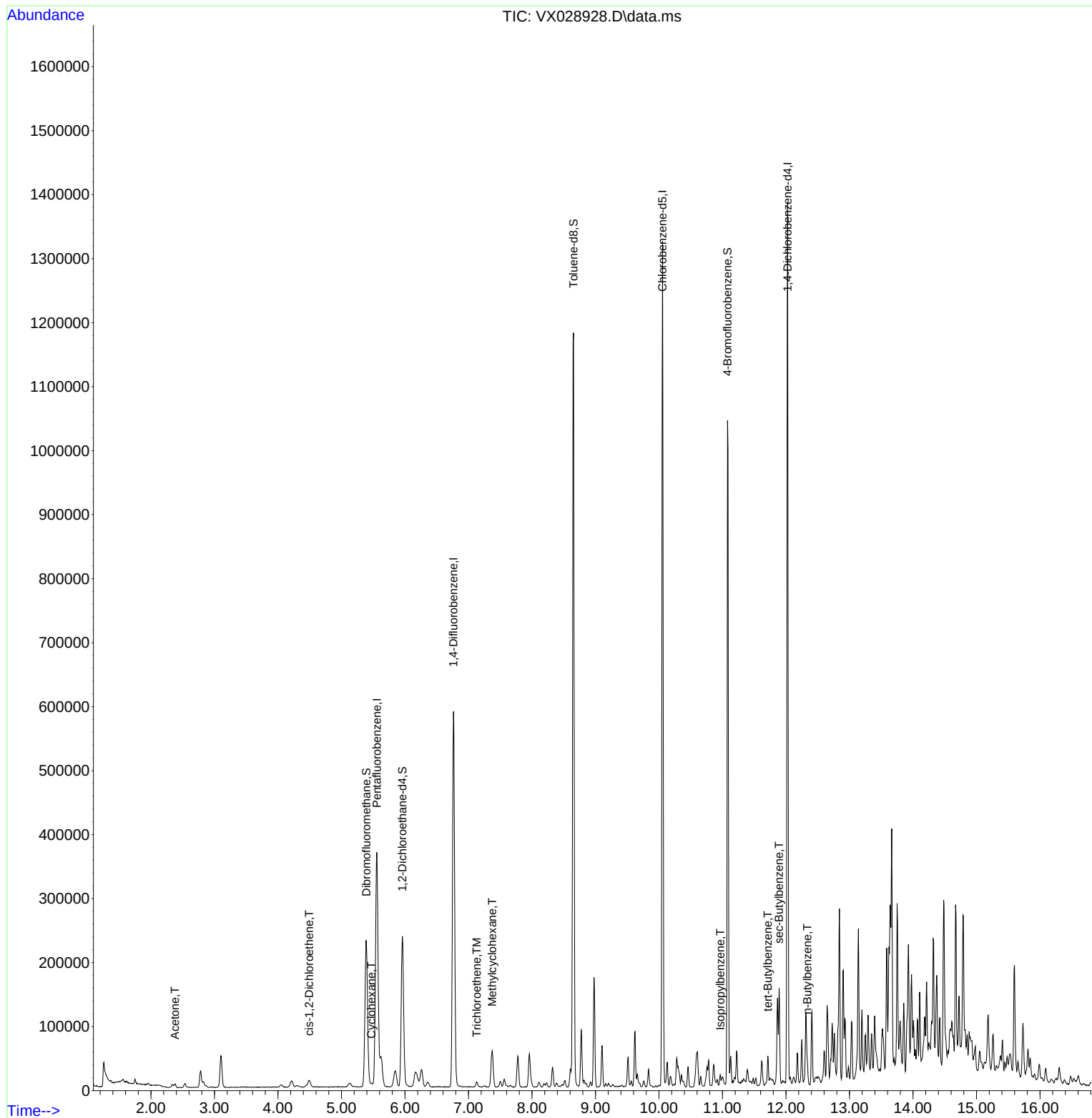
Internal Standards						
1) Pentafluorobenzene	5.556	168	341763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	610493	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	588509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	283332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233303	49.800	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.600%
35) Dibromofluoromethane	5.391	113	200296	50.076	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.160%
50) Toluene-d8	8.653	98	725552	48.113	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.220%
62) 4-Bromofluorobenzene	11.079	95	294553	52.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.580%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	6580	3.273	ug/l #	87
27) cis-1,2-Dichloroethene	4.489	96	6511	1.399	ug/l	95
31) Cyclohexane	5.471	56	2802	0.431	ug/l #	83
39) Methylcyclohexane	7.373	83	18400	2.671	ug/l #	62
44) Trichloroethene	7.129	130	3042	0.650	ug/l	88
73) Isopropylbenzene	10.964	105	8702	0.405	ug/l	99
83) tert-Butylbenzene	11.713	119	16247	0.937	ug/l	80
85) sec-Butylbenzene	11.890	105	76173	3.562	ug/l	96
89) n-Butylbenzene	12.335	91	12519	0.805	ug/l #	64

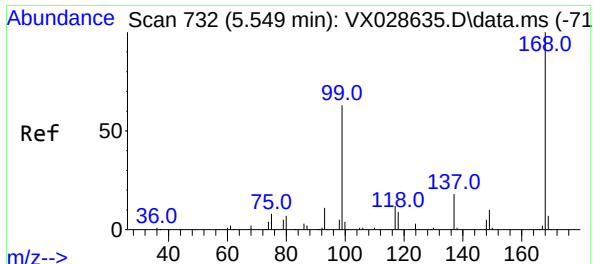
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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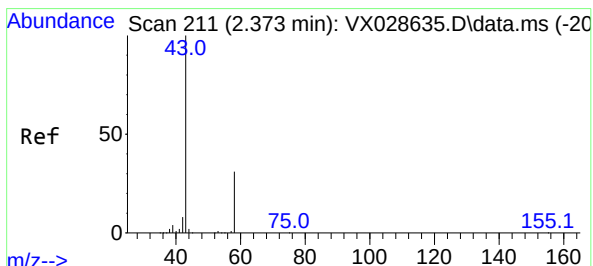
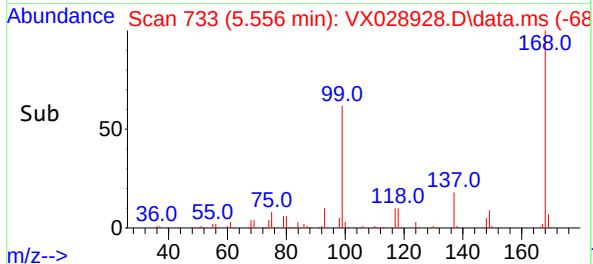
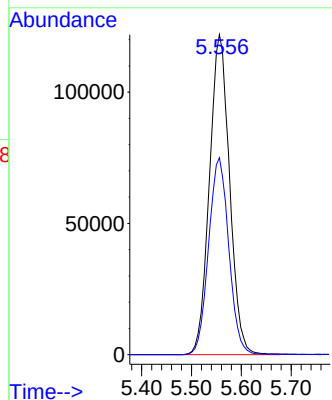
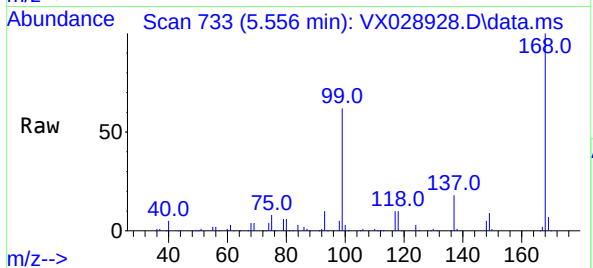




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

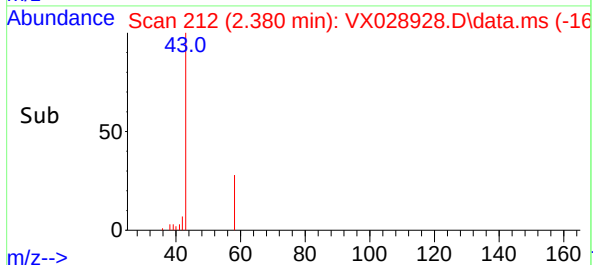
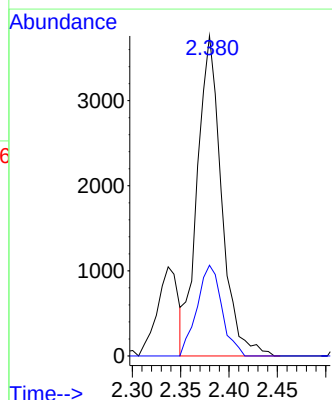
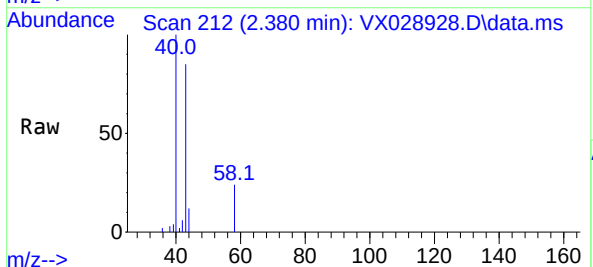
Instrument :
MSVOA_X
ClientSampleId :
28S-20220519

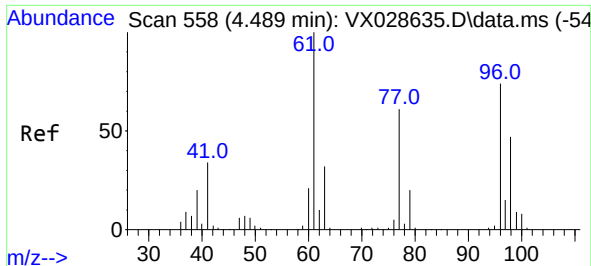
Tgt Ion:168 Resp: 341763
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#16
Acetone
Concen: 3.273 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

Tgt Ion: 43 Resp: 6580
Ion Ratio Lower Upper
43 100
58 28.3 28.8 43.2#

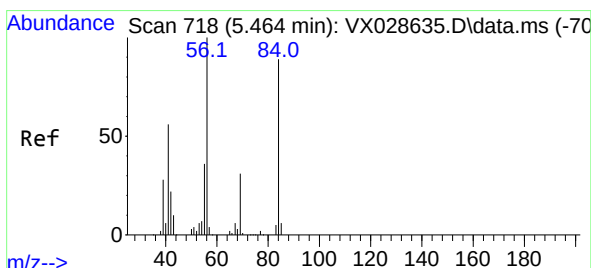
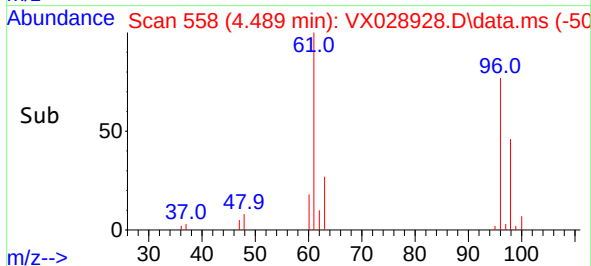
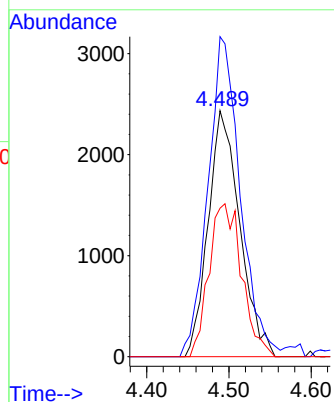
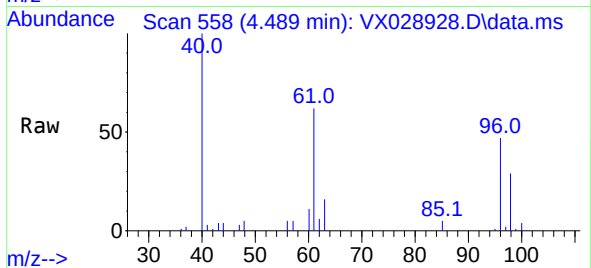




#27
 cis-1,2-Dichloroethene
 Concen: 1.399 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VX028928.D
 Acq: 24 May 2022 17:52

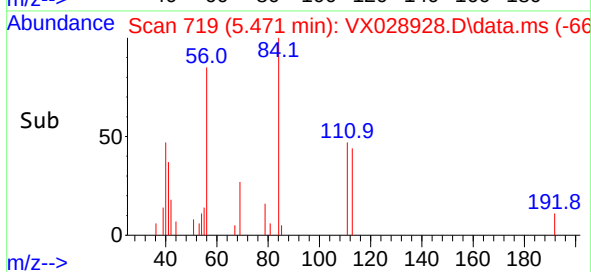
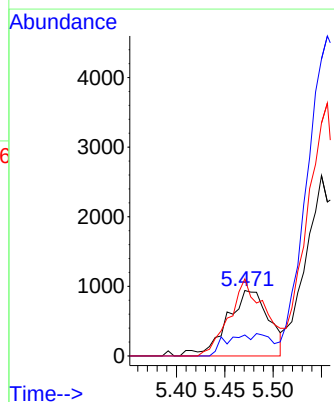
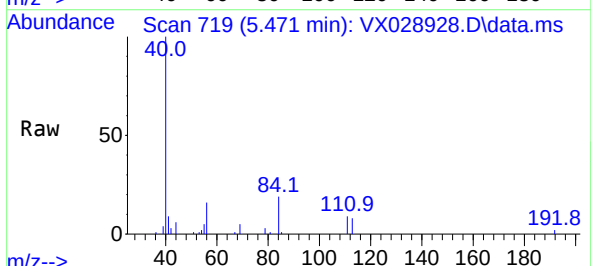
Instrument :
 MSVOA_X
 ClientSampleId :
 28S-20220519

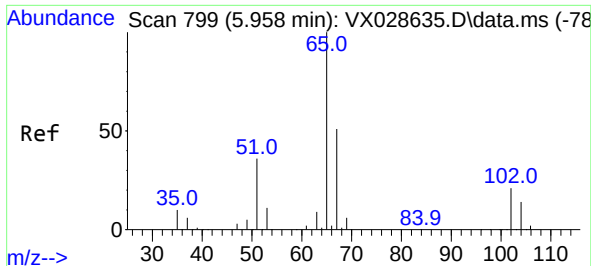
Tgt Ion: 96	Resp:	6511
Ion	Ratio	Lower Upper
96	100	
61	132.6	0.0 283.8
98	64.4	0.0 129.8



#31
 Cyclohexane
 Concen: 0.431 ug/l
 RT: 5.471 min Scan# 719
 Delta R.T. 0.007 min
 Lab File: VX028928.D
 Acq: 24 May 2022 17:52

Tgt Ion: 56	Resp:	2802
Ion	Ratio	Lower Upper
56	100	
69	32.0	26.7 40.1
84	117.9	77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 49.800 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028928.D

Acq: 24 May 2022 17:52

Instrument :

MSVOA_X

ClientSampleId :

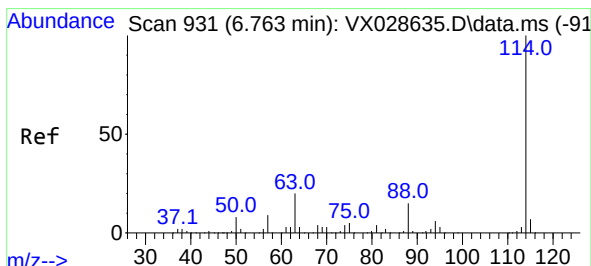
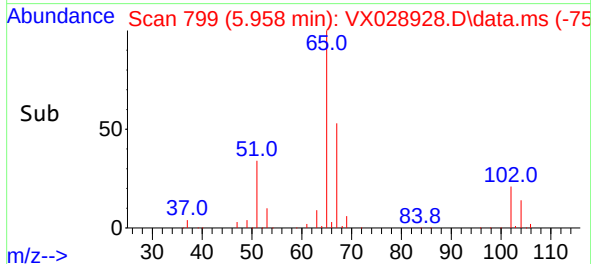
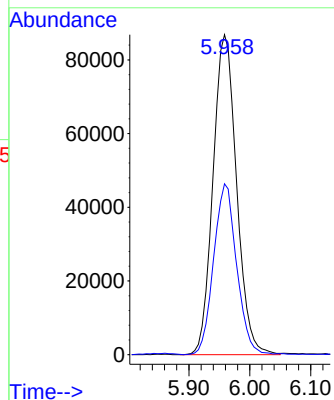
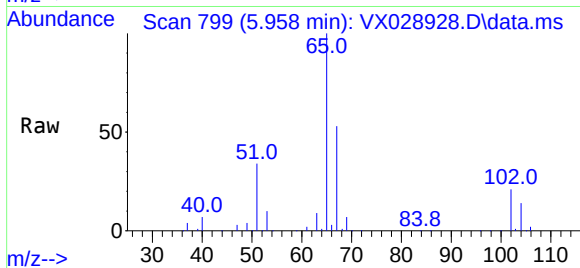
28S-20220519

Tgt Ion: 65 Resp: 233303

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028928.D

Acq: 24 May 2022 17:52

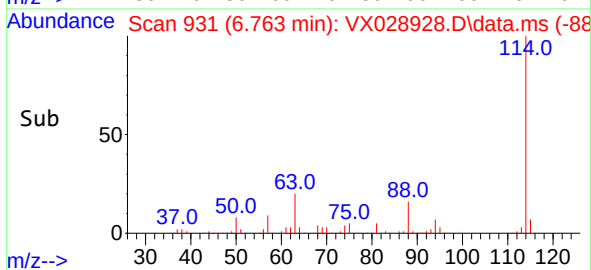
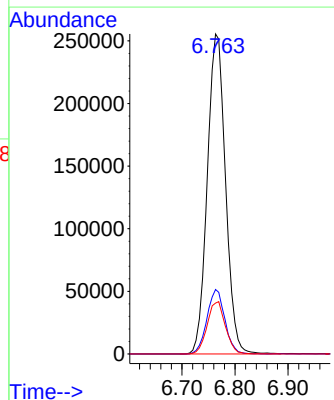
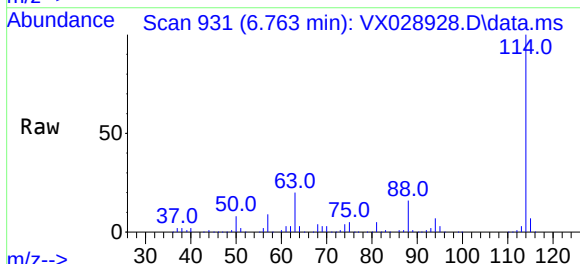
Tgt Ion: 114 Resp: 610493

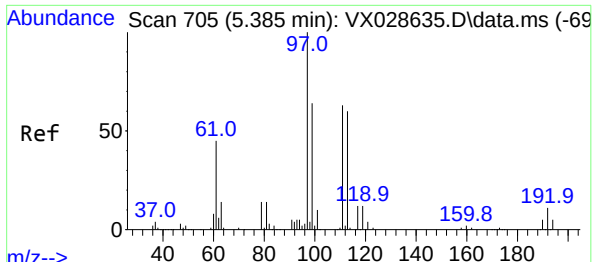
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 15.9 0.0 32.4

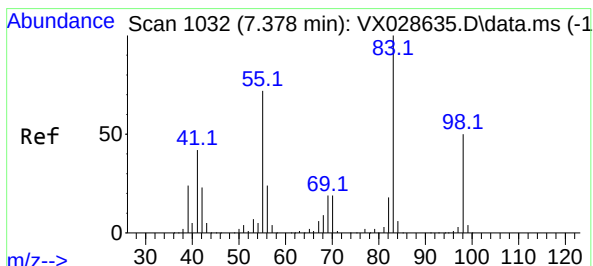
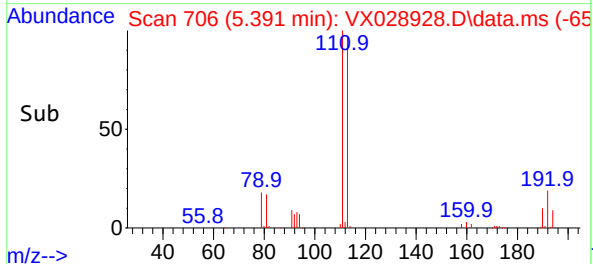
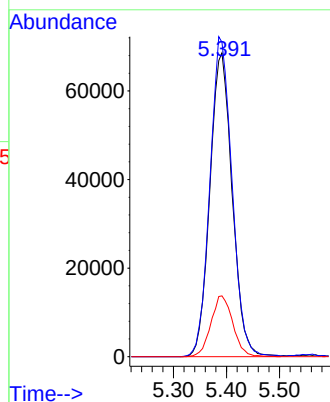
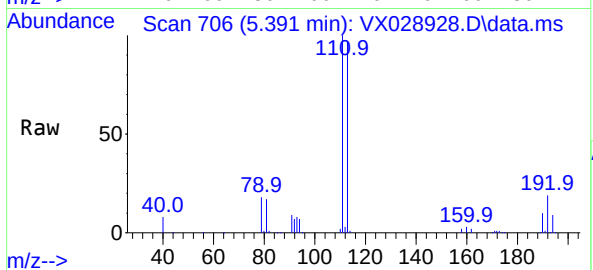




#35
Dibromofluoromethane
Concen: 50.076 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

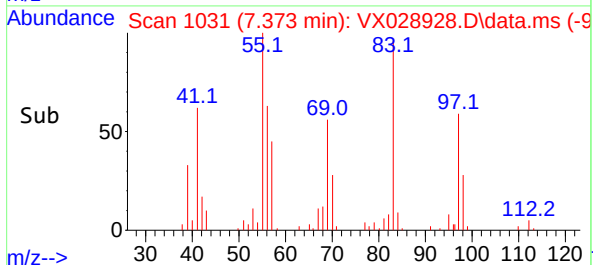
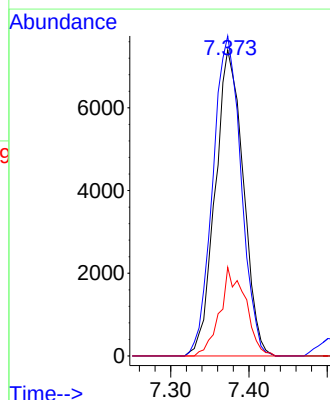
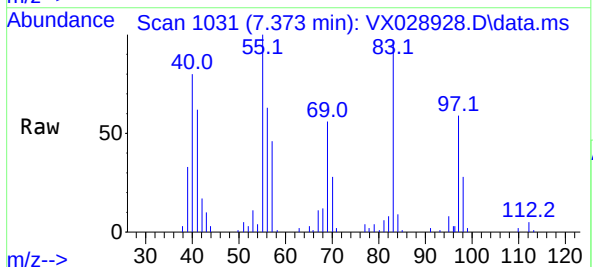
Instrument :
MSVOA_X
ClientSampleId :
28S-20220519

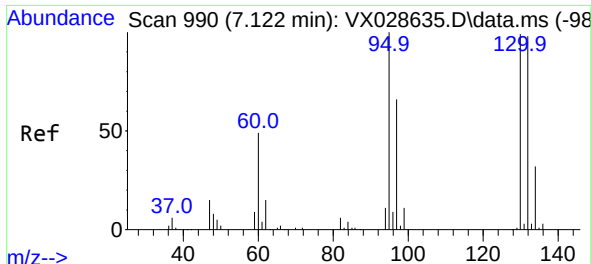
Tgt Ion:113 Resp: 200296
Ion Ratio Lower Upper
113 100
111 104.3 82.8 124.2
192 19.7 16.9 25.3



#39
Methylcyclohexane
Concen: 2.671 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

Tgt Ion: 83 Resp: 18400
Ion Ratio Lower Upper
83 100
55 104.5 54.6 81.8#
98 28.9 37.4 56.2#

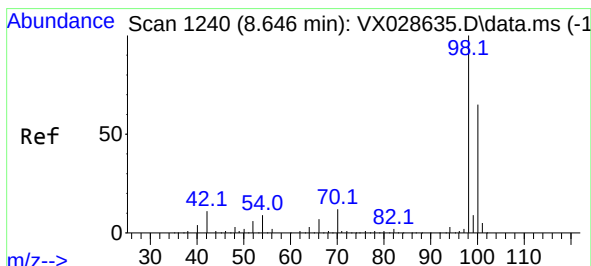
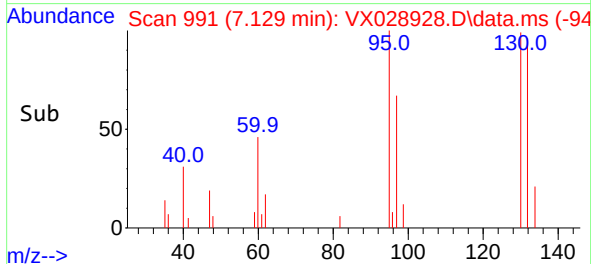
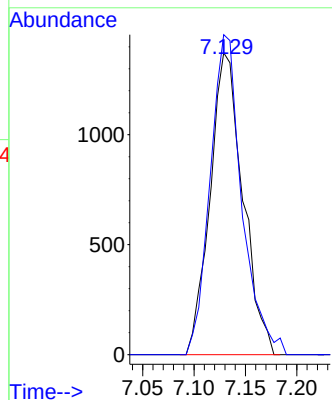
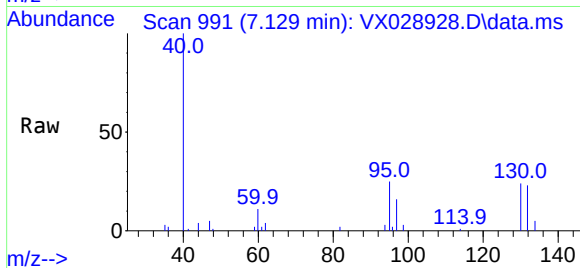




#44
Trichloroethene
Concen: 0.650 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

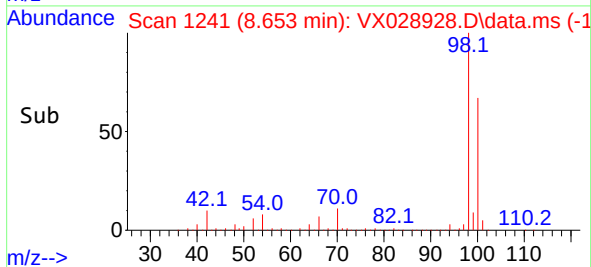
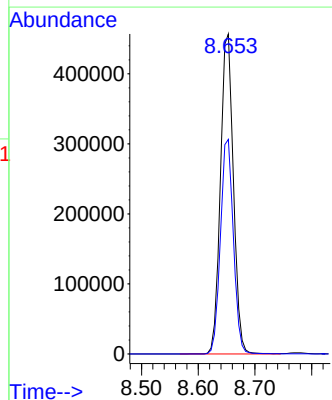
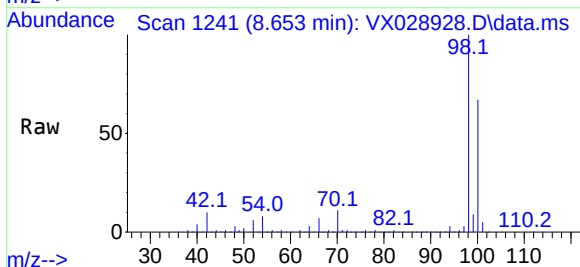
Instrument :
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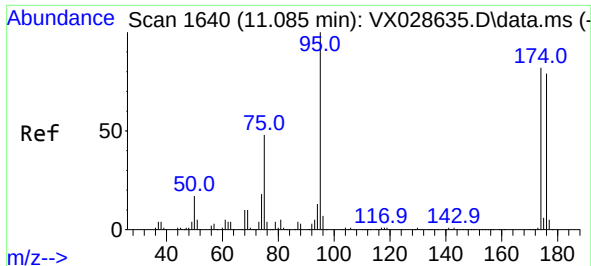
Tgt Ion:130 Resp: 3042
Ion Ratio Lower Upper
130 100
95 106.0 0.0 188.8



#50
Toluene-d8
Concen: 48.113 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

Tgt Ion: 98 Resp: 725552
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8

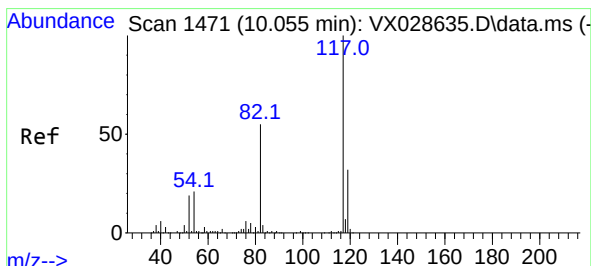
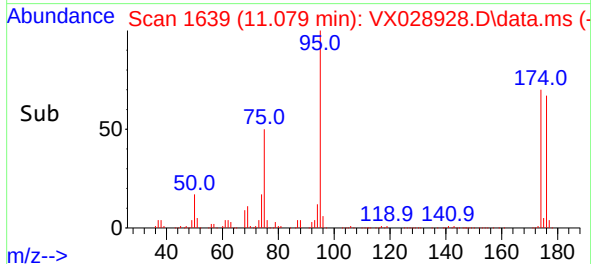
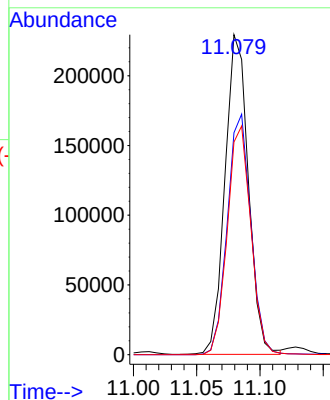
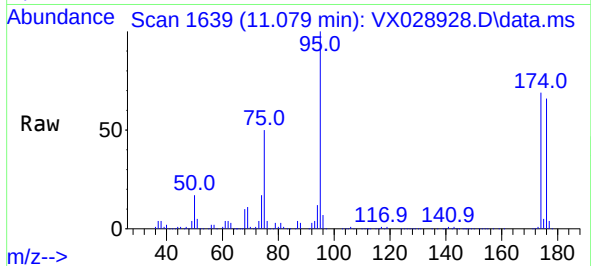




#62
4-Bromofluorobenzene
Concen: 52.295 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

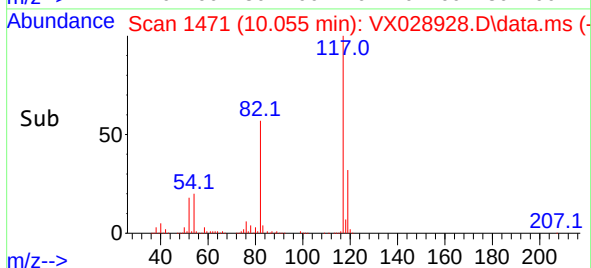
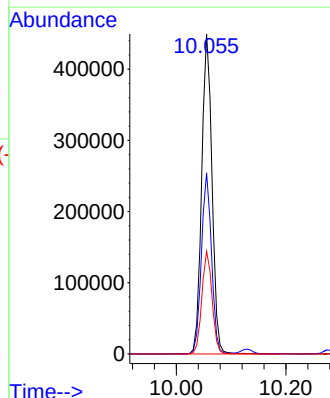
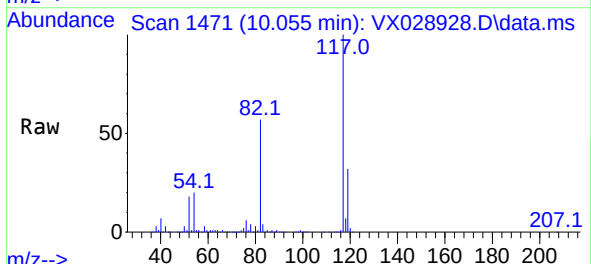
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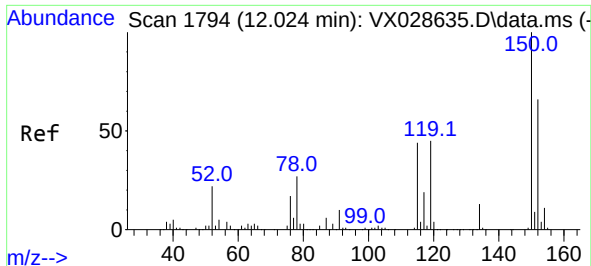
Tgt Ion: 95 Resp: 294553
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 72.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

Tgt Ion: 117 Resp: 588509
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 32.1 24.8 37.2

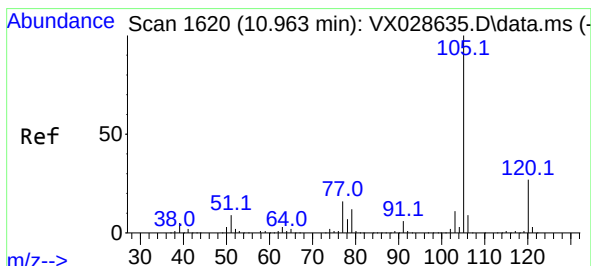
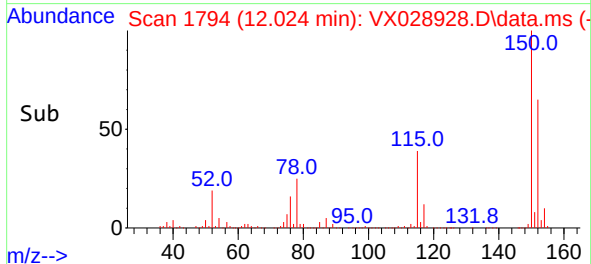
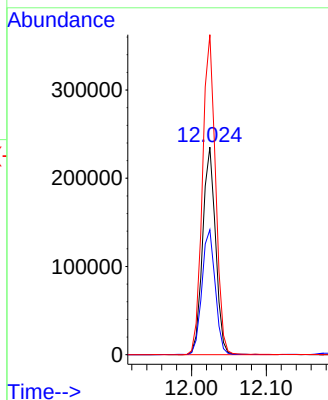
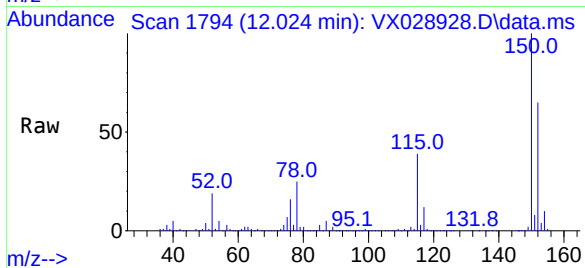




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

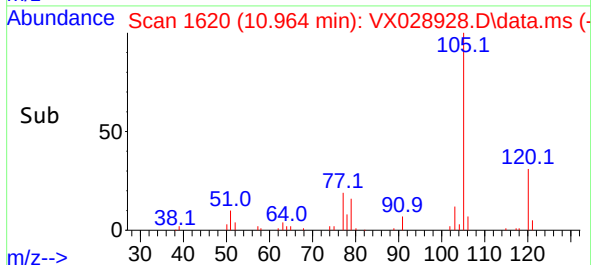
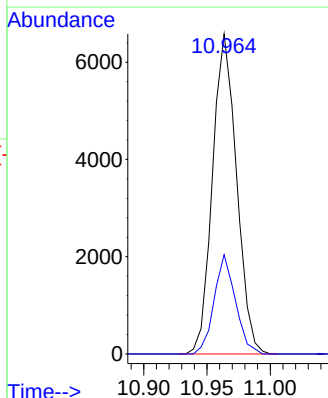
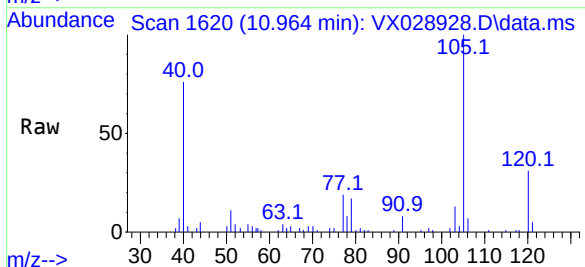
Instrument :
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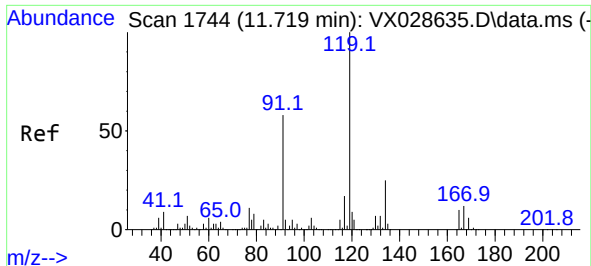
Tgt Ion:152 Resp: 283332
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 156.1 0.0 338.2



#73
Isopropylbenzene
Concen: 0.405 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

Tgt Ion:105 Resp: 8702
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5

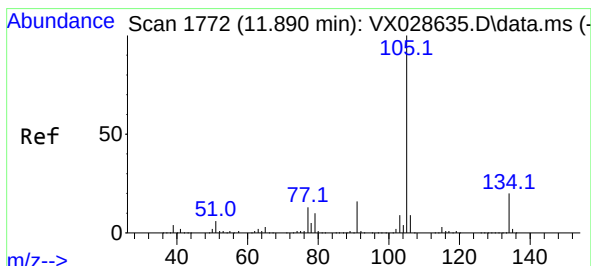
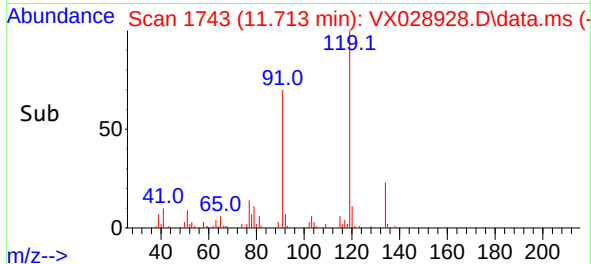
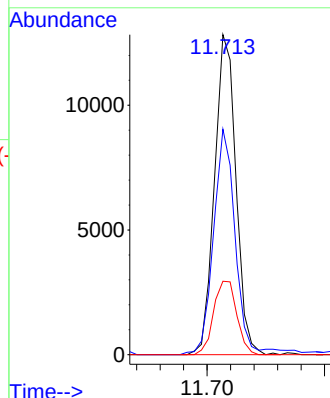
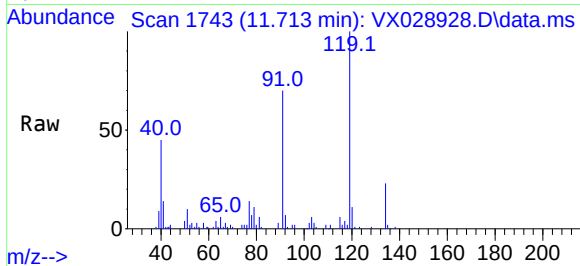




#83
tert-Butylbenzene
Concen: 0.937 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

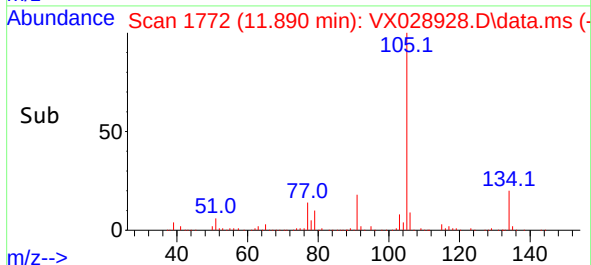
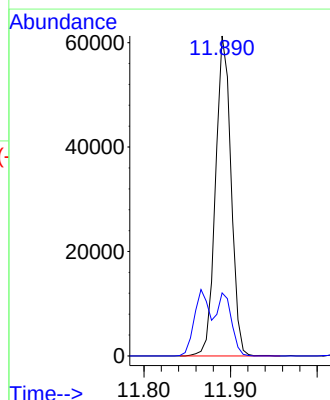
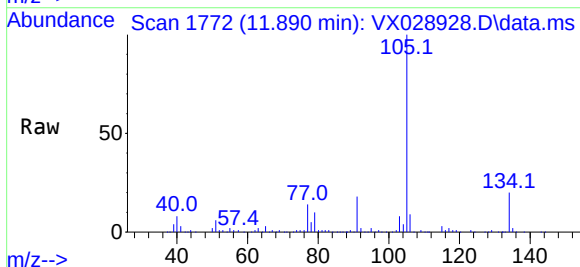
Instrument :
MSVOA_X
ClientSampleId :
28S-20220519

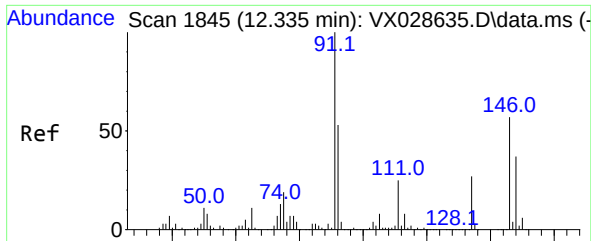
Tgt Ion:119 Resp: 16247
Ion Ratio Lower Upper
119 100
91 72.5 26.9 80.6
134 24.9 11.4 34.2



#85
sec-Butylbenzene
Concen: 3.562 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028928.D
Acq: 24 May 2022 17:52

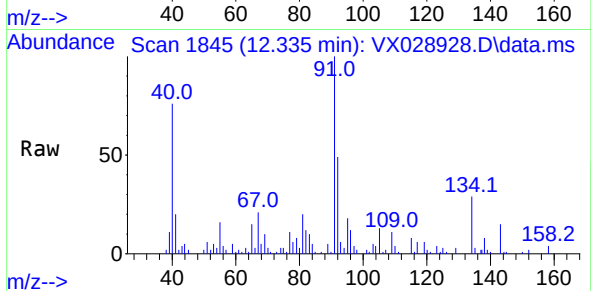
Tgt Ion:105 Resp: 76173
Ion Ratio Lower Upper
105 100
134 18.6 10.2 30.4





#89
 n-Butylbenzene
 Concen: 0.805 ug/l
 RT: 12.335 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028928.D
 Acq: 24 May 2022 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 28S-20220519



Tgt Ion: 91 Resp: 12519
 Ion Ratio Lower Upper
 91 100
 92 39.2 27.8 83.3
 134 58.9 13.3 39.8#

