

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060722\
 Data File : VX029304.D
 Acq On : 08 Jun 2022 03:26
 Operator : JC/MD
 Sample : PB145355ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB145355ZHE#08

Quant Time: Jun 08 05:17:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

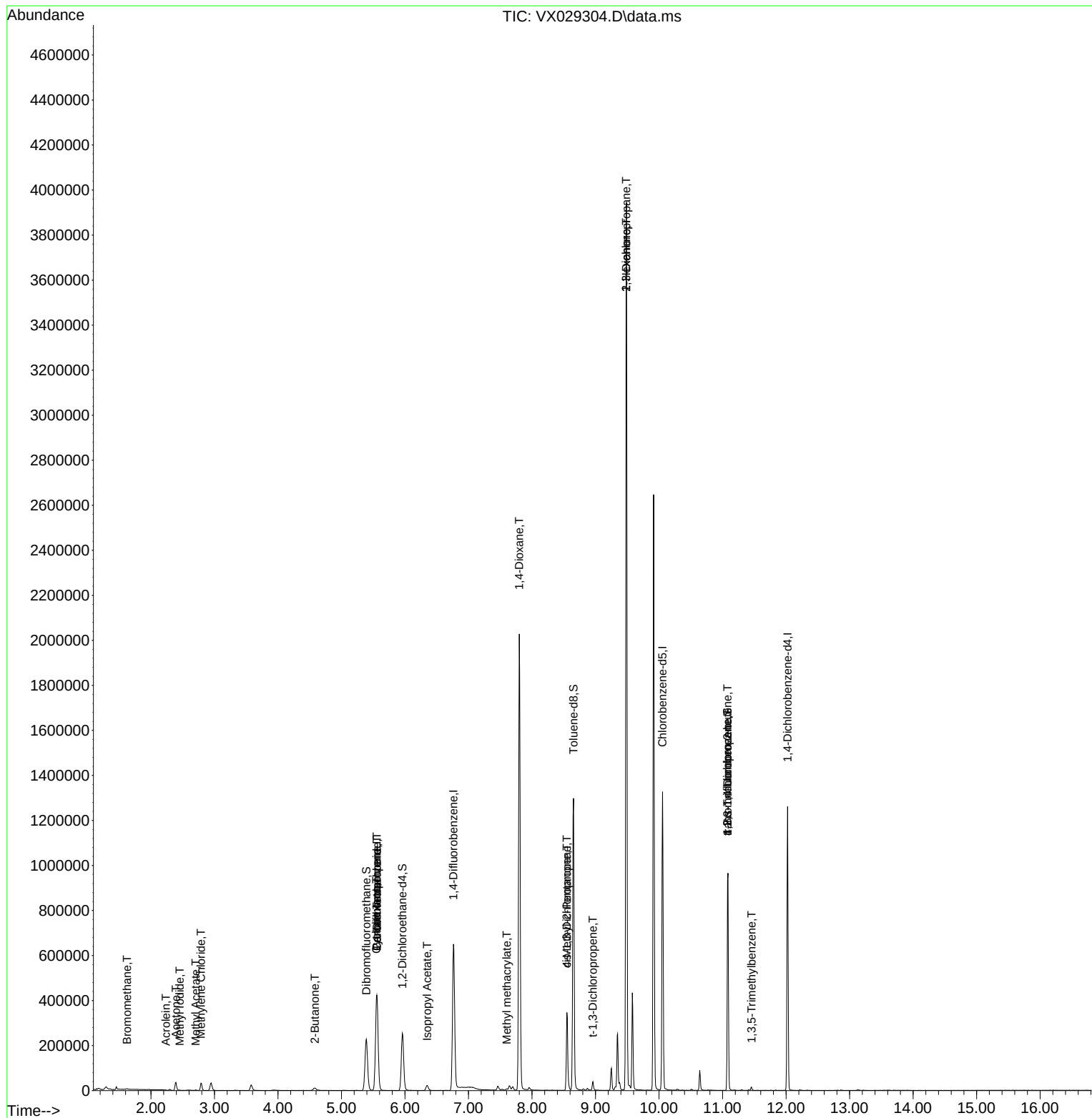
Internal Standards						
1) Pentafluorobenzene	5.556	168	399929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	665863	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	597427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	256067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	248534	40.491	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.980%		
35) Dibromofluoromethane	5.391	113	202729	35.813	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	71.620%		
50) Toluene-d8	8.653	98	776517	38.786	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	77.580%		
62) 4-Bromofluorobenzene	11.079	95	277422	35.409	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	70.820%		
Target Compounds						Qvalue
5) Bromomethane	1.624	94	989	0.263	ug/l	96
6) Chloroethane	1.703	64	195	Below Cal	#	43
10) Methyl Iodide	2.453	142	583	1.310	ug/l #	88
11) Tert butyl alcohol	2.947	59	19411	Below Cal	#	75
13) Acrolein	2.233	56	196	0.265	ug/l #	43
16) Acetone	2.392	43	42228	13.052	ug/l	96
18) Methyl Acetate	2.703	43	1884	0.220	ug/l	98
20) Methylene Chloride	2.788	84	15212	2.105	ug/l	95
25) 2-Butanone	4.580	43	5690	1.112	ug/l #	79
31) Cyclohexane	5.550	56	8145	0.751	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	32412	3.466	ug/l #	50
38) Carbon Tetrachloride	5.556	117	42025	4.397	ug/l #	16
41) Methacrylonitrile	5.044	41	520	Below Cal	#	25
43) Isopropyl Acetate	6.348	43	31578	2.178	ug/l	97
48) Methyl methacrylate	7.604	41	9036	1.239	ug/l #	7
49) 1,4-Dioxane	7.799	88	370	1.972	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	116125	12.236	ug/l #	46
53) t-1,3-Dichloropropene	8.958	75	56	1.322	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	58172	5.537	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	37791	3.101	ug/l #	43
59) 2-Hexanone	9.482	43	448332	62.133	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	137819	23.043	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.457	105	6591	0.385	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	137819	70.707	ug/l #	15

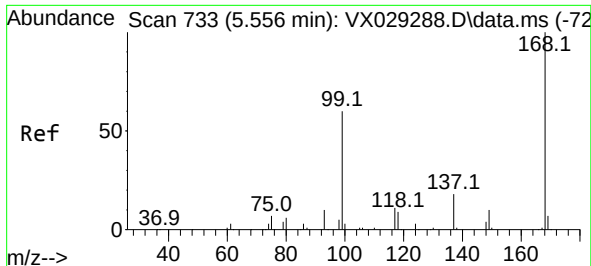
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 08 05:17:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration

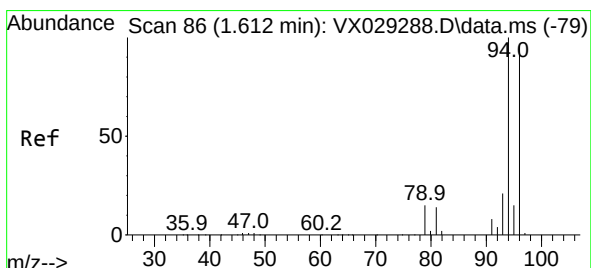
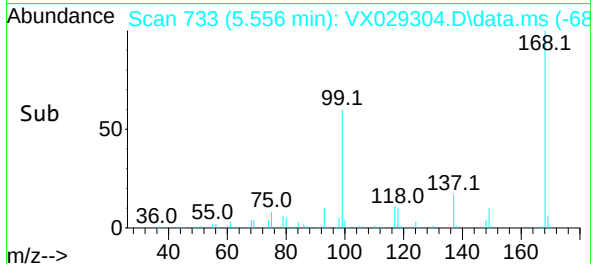
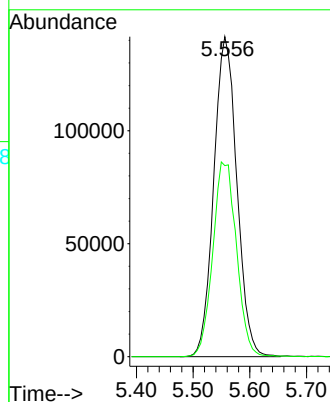
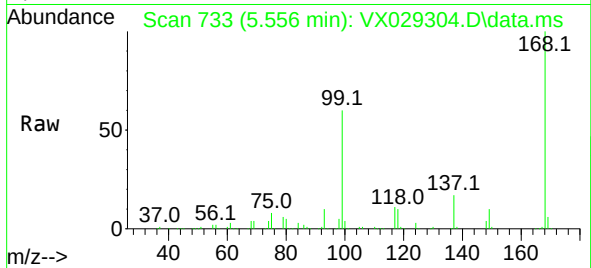




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

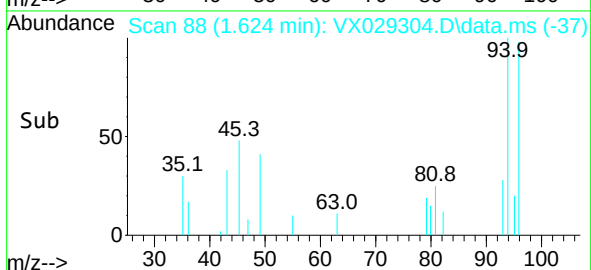
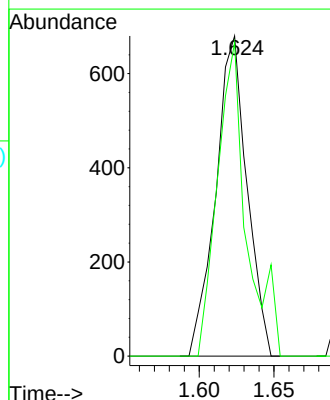
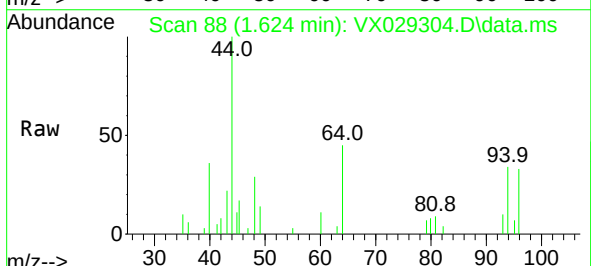
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

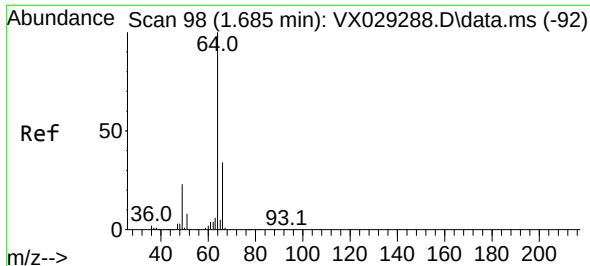
Tgt Ion:168 Resp: 399929
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#5
Bromomethane
Concen: 0.263 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 94 Resp: 989
Ion Ratio Lower Upper
94 100
96 97.9 75.3 112.9

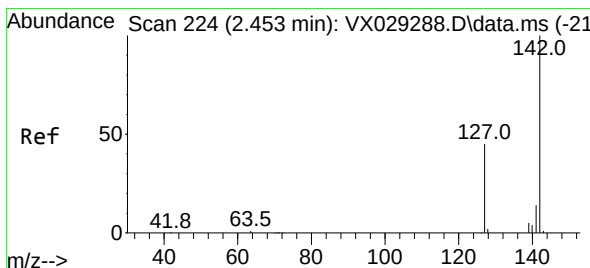
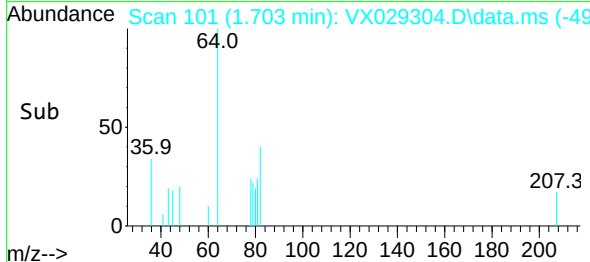
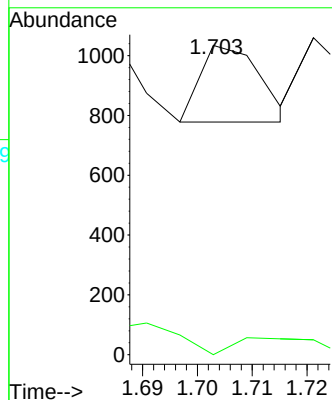
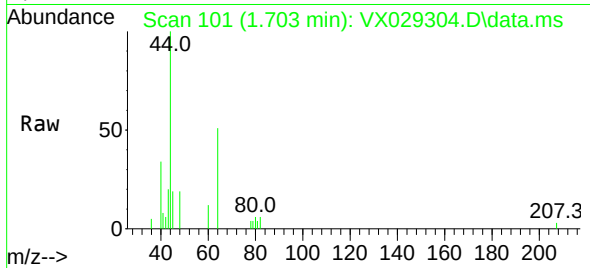




#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

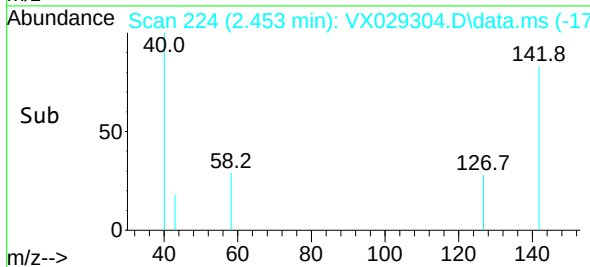
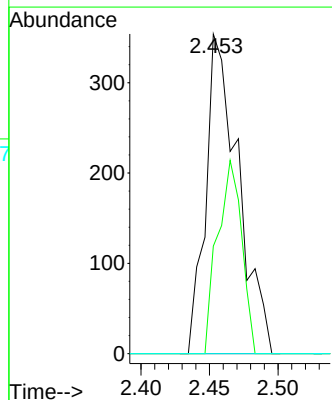
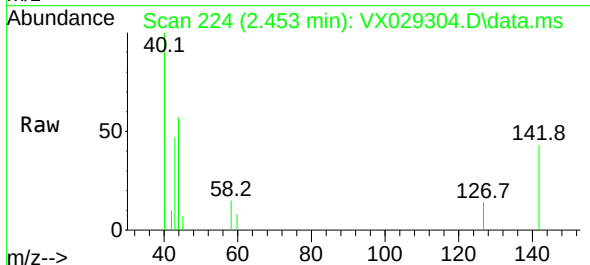
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

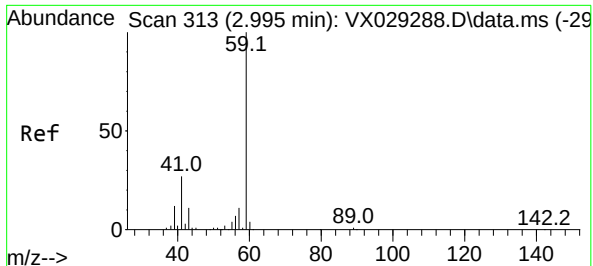
Tgt Ion: 64 Resp: 195
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.310 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 142 Resp: 583
Ion Ratio Lower Upper
142 100
127 44.9 33.9 50.9
141 0.0 11.4 17.2#

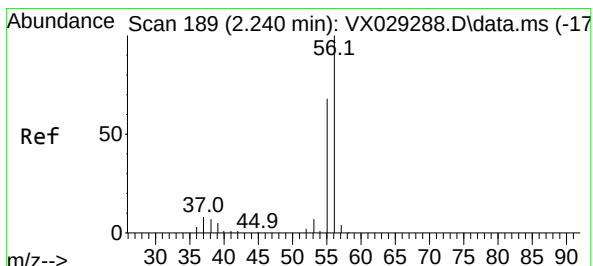
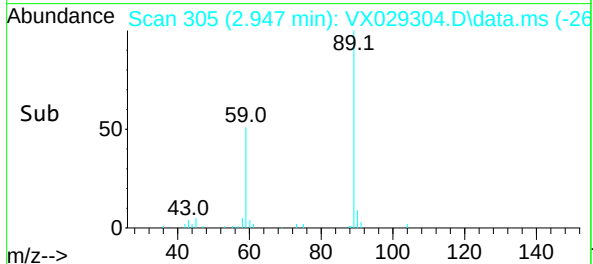
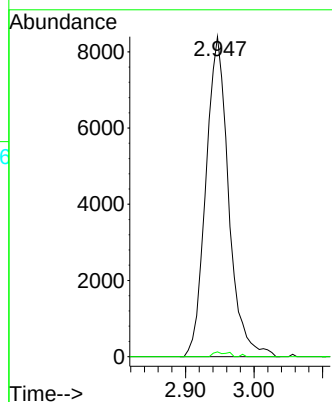
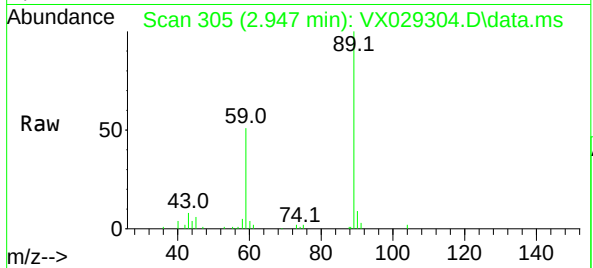




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.048 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

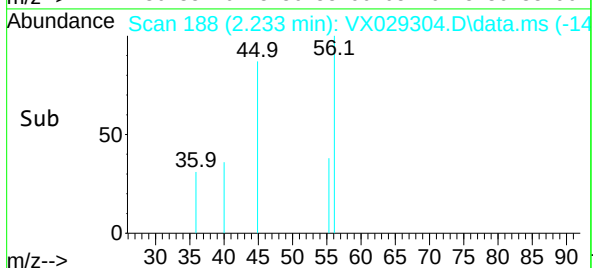
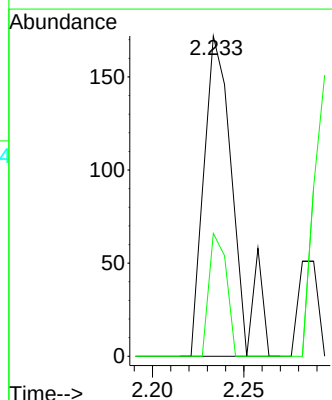
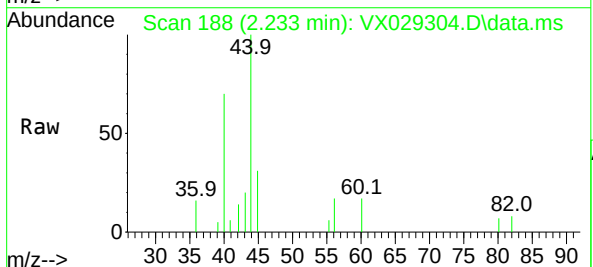
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

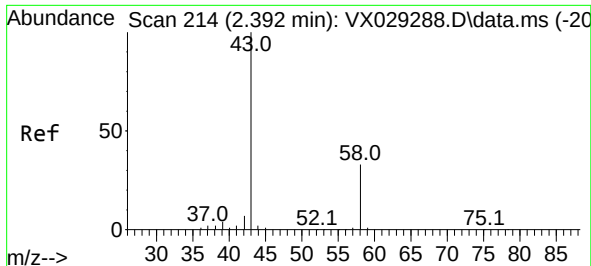
Tgt Ion: 59 Resp: 19411
Ion Ratio Lower Upper
59 100
57 0.9 8.3 12.5#



#13
Acrolein
Concen: 0.265 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 22.4 55.0 82.6#

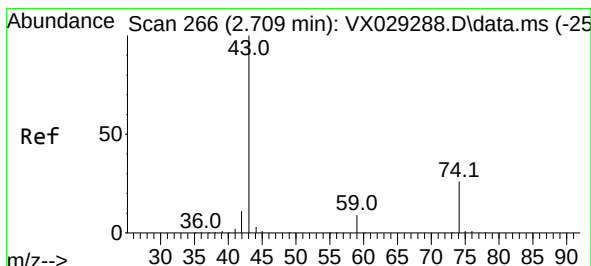
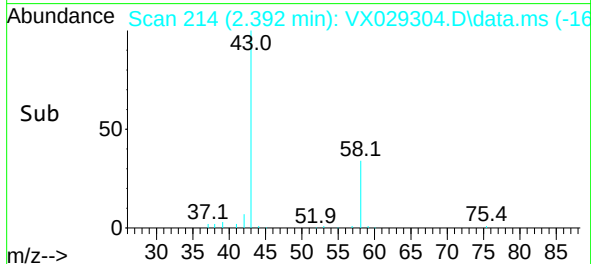
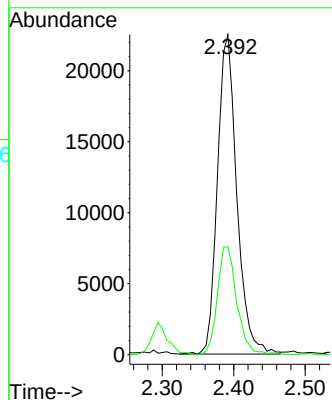
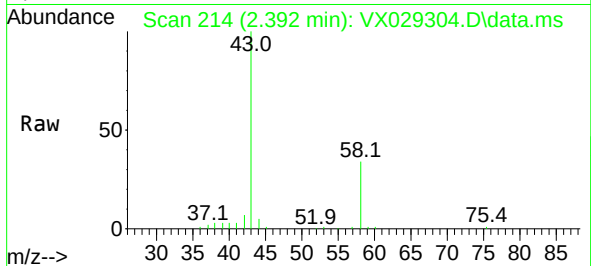




#16
Acetone
Concen: 13.052 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

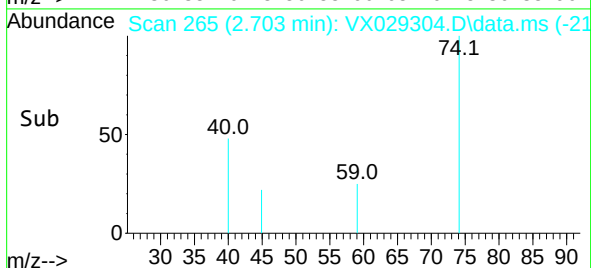
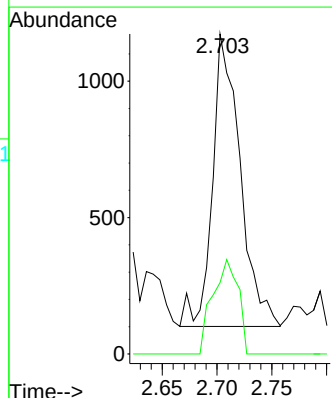
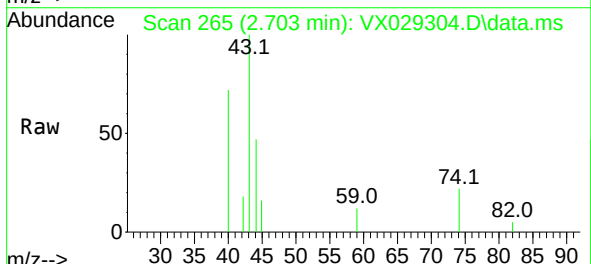
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

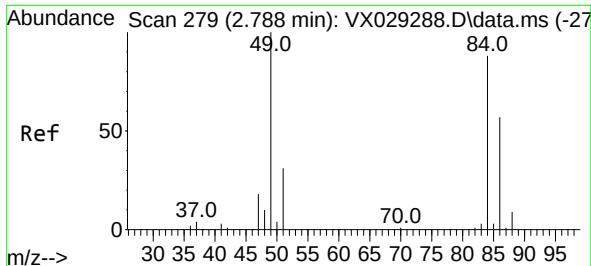
Tgt Ion: 43 Resp: 42228
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

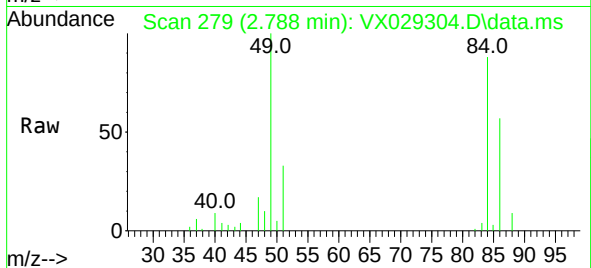
Tgt Ion: 43 Resp: 1884
Ion Ratio Lower Upper
43 100
74 29.6 22.8 34.2



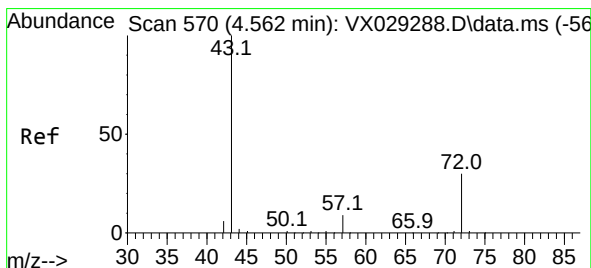
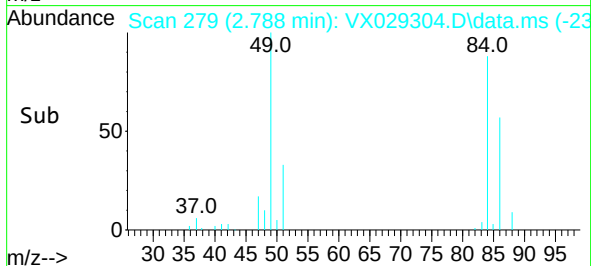
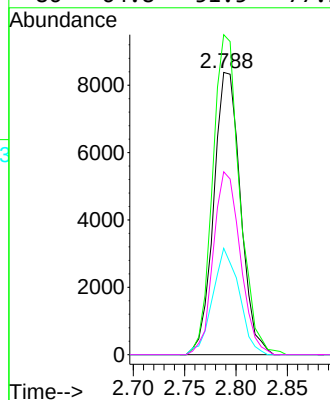


#20
Methylene Chloride
Concen: 2.105 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

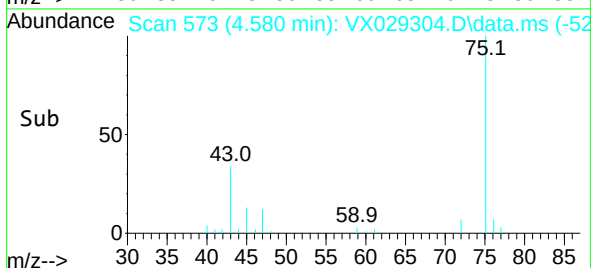
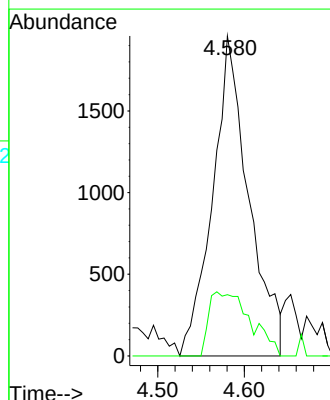
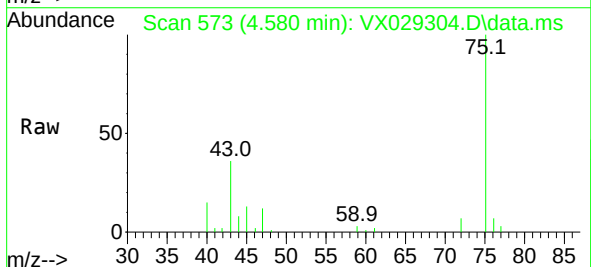


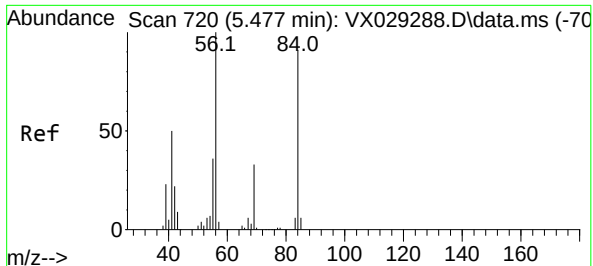
Tgt Ion:	84	Resp:	15212
Ion	Ratio	Lower	Upper
84	100		
49	113.4	85.5	128.3
51	37.7	26.6	39.8
86	64.8	51.5	77.3



#25
2-Butanone
Concen: 1.112 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

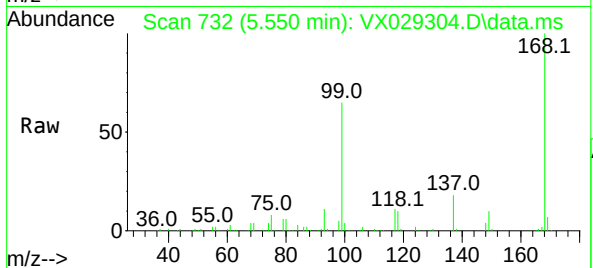
Tgt Ion:	43	Resp:	5690
Ion	Ratio	Lower	Upper
43	100		
72	19.1	24.4	36.6



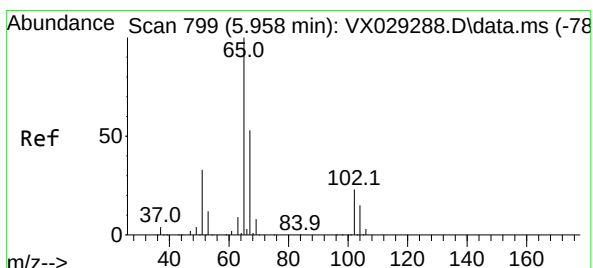
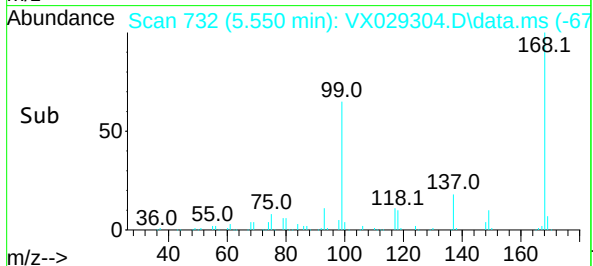
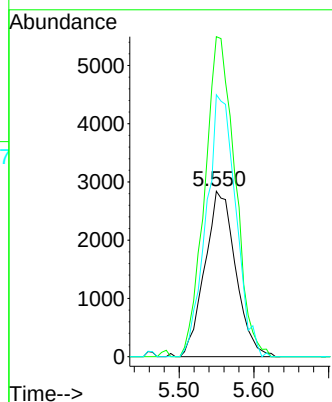


#31
Cyclohexane
Concen: 0.751 ug/l
RT: 5.550 min Scan# 712
Delta R.T. 0.073 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Instrument :
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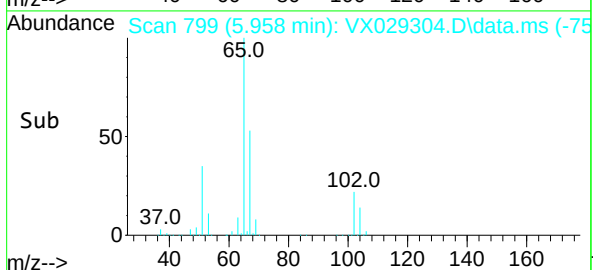
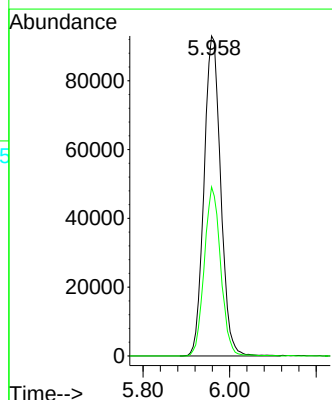
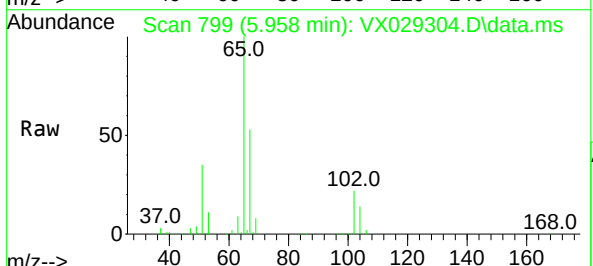


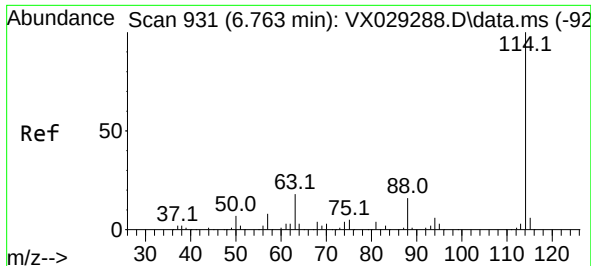
Tgt Ion: 56 Resp: 8145
Ion Ratio Lower Upper
56 100
69 193.4 26.7 40.1#
84 158.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 40.491 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 65 Resp: 248534
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

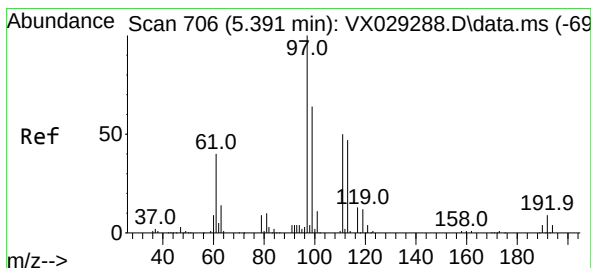
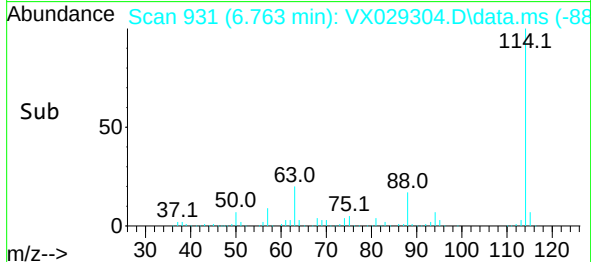
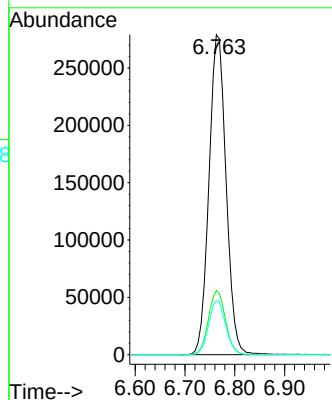
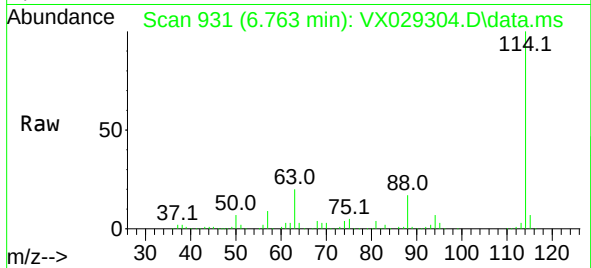




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

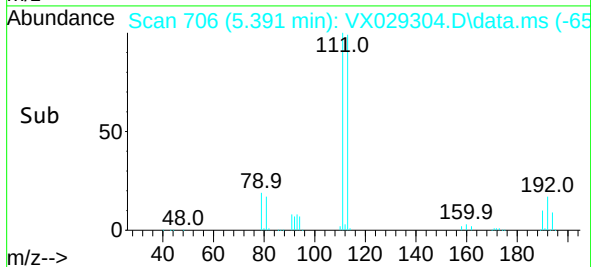
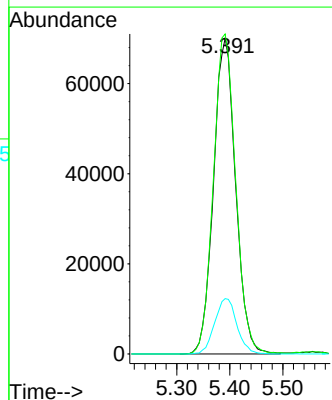
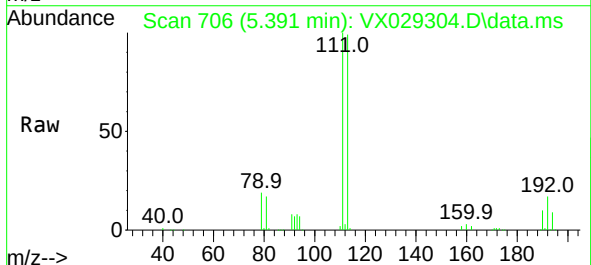
Instrument :
MSVOA_X
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PB145355ZHE#08

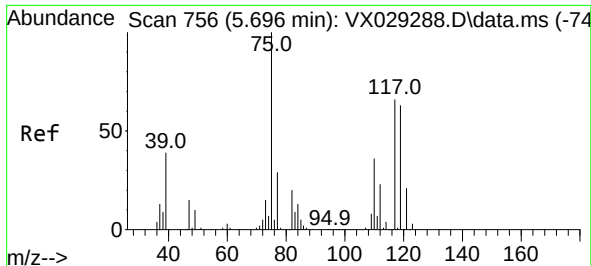
Tgt Ion:114 Resp: 665863
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 35.813 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion:113 Resp: 202729
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 17.6 16.9 25.3

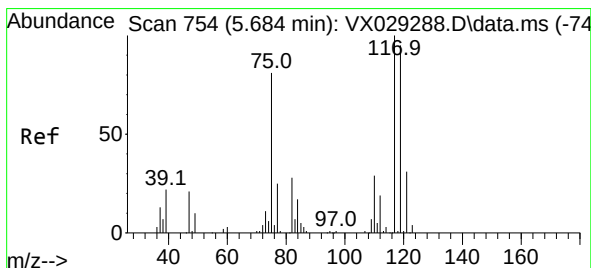
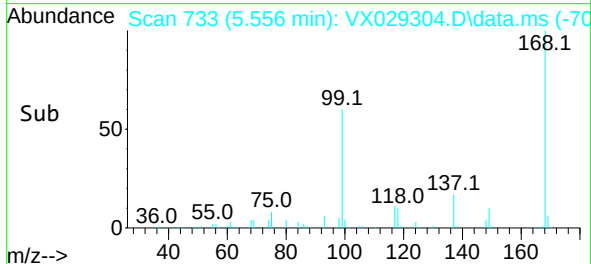
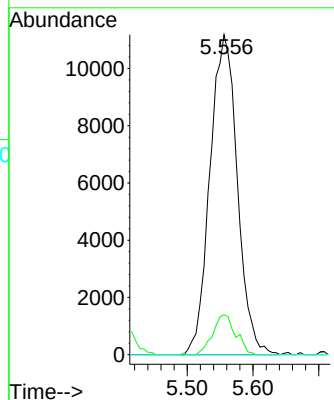
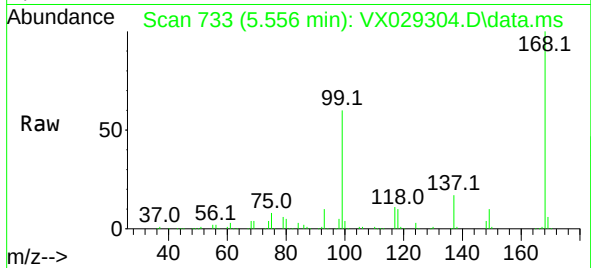




#36
1,1-Dichloropropene
Concen: 3.466 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

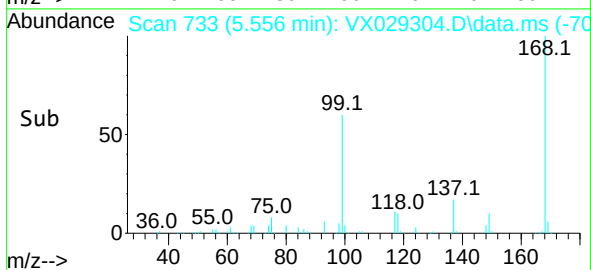
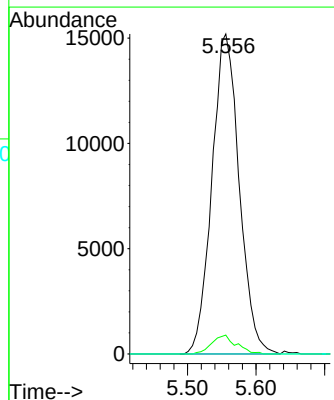
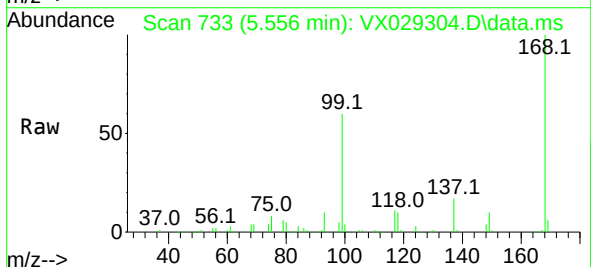
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

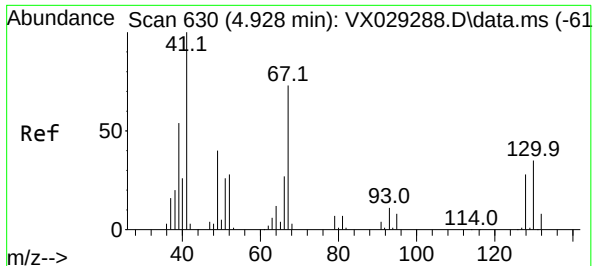
Tgt Ion: 75 Resp: 32412
Ion Ratio Lower Upper
75 100
110 10.5 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.397 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 117 Resp: 42025
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#

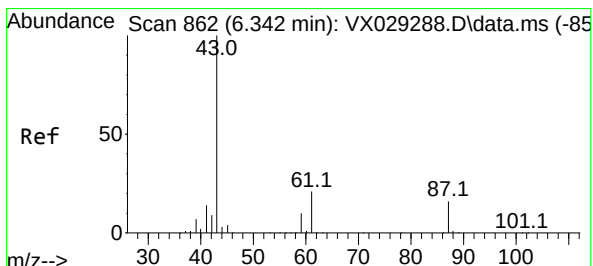
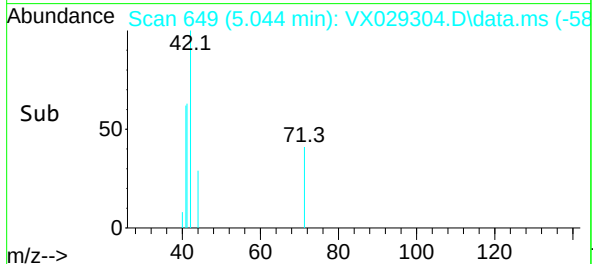
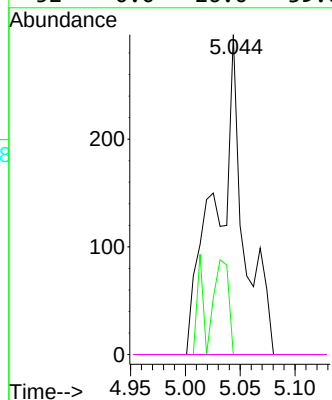
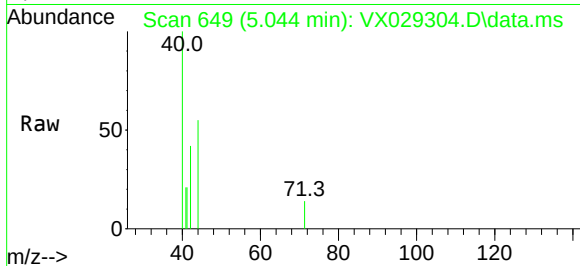




#41
Methacrylonitrile
Concen: Below Cal
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

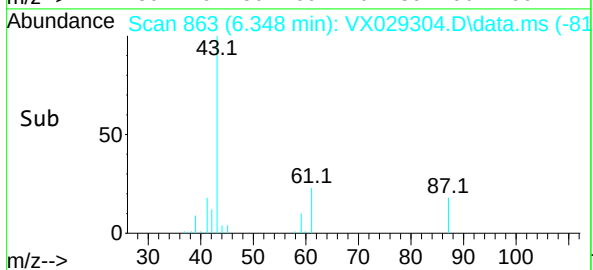
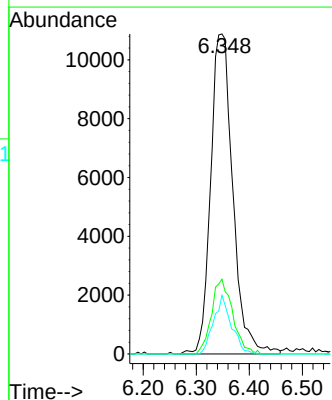
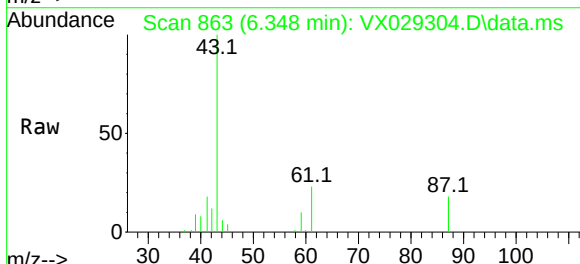
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

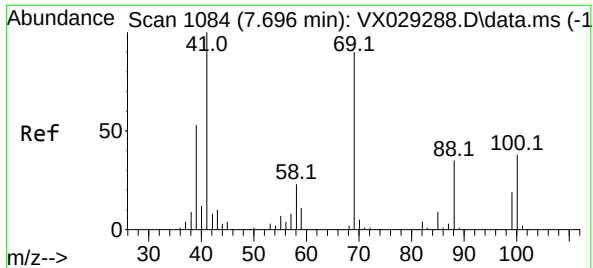
Tgt Ion:	41	Resp:	520
Ion	Ratio	Lower	Upper
41	100		
39	15.8	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



#43
Isopropyl Acetate
Concen: 2.178 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion:	43	Resp:	31578
Ion	Ratio	Lower	Upper
43	100		
61	22.2	18.5	27.7
87	14.7	13.0	19.6

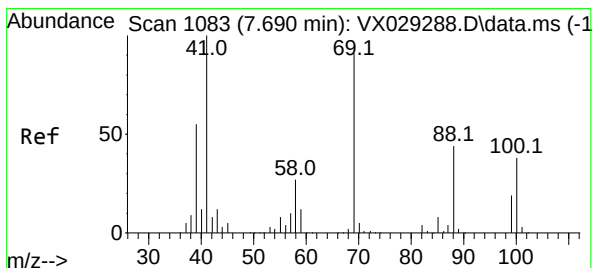
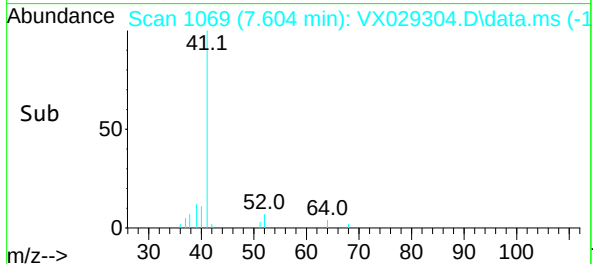
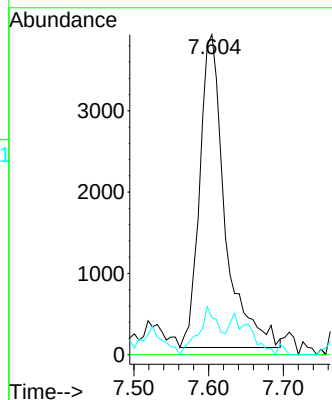
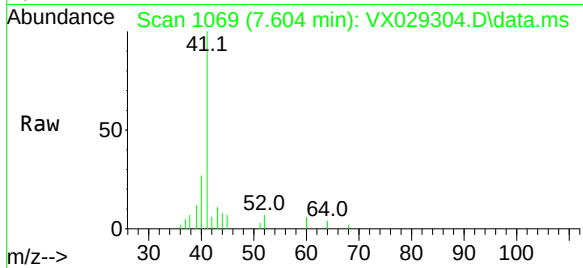




#48
Methyl methacrylate
Concen: 1.239 ug/l
RT: 7.604 min Scan# 1101
Delta R.T. -0.092 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

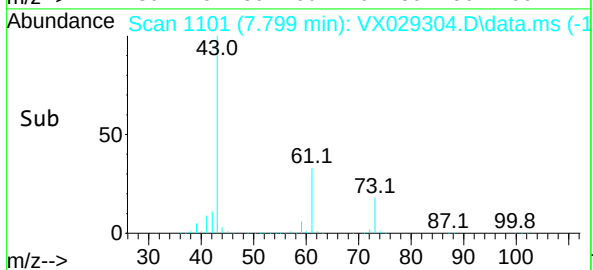
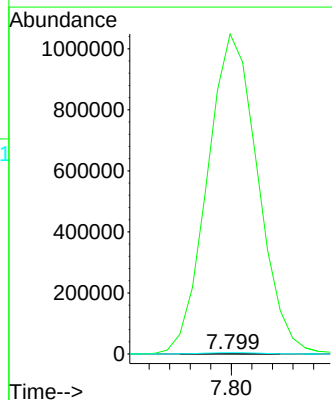
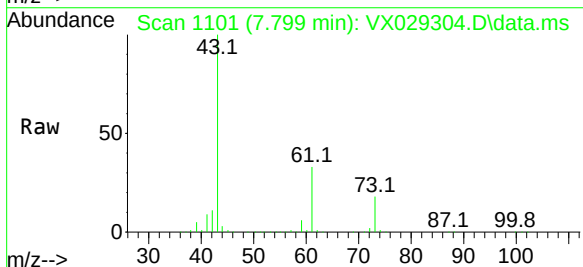
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

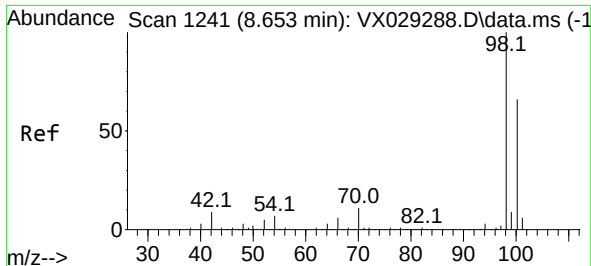
Tgt Ion: 41 Resp: 9036
Ion Ratio Lower Upper
41 100
69 0.0 82.5 123.7#
39 0.0 43.8 65.8#



#49
1,4-Dioxane
Concen: 1.972 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 88 Resp: 370
Ion Ratio Lower Upper
88 100
43 487857.3 21.9 32.9#
58 2256.5 53.7 80.5#

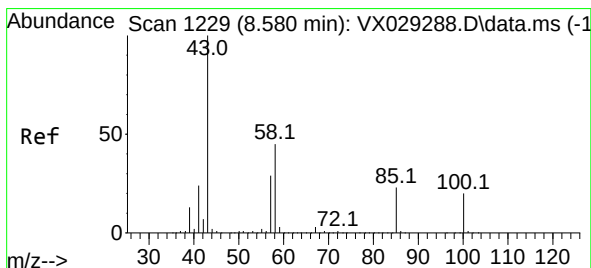
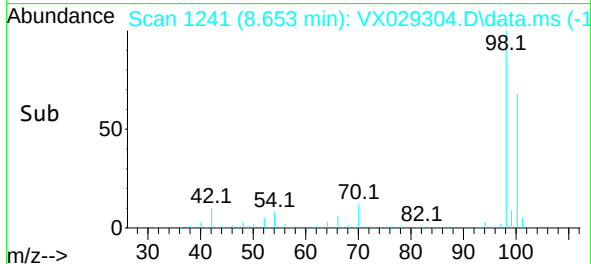
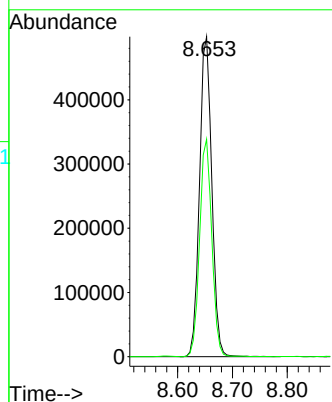
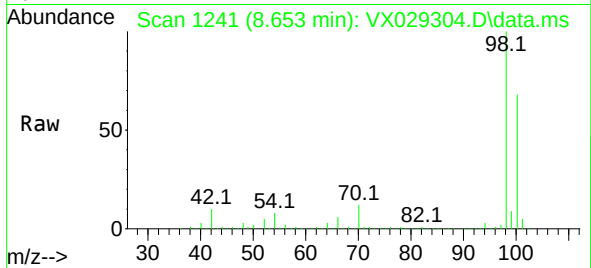




#50
Toluene-d8
Concen: 38.786 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

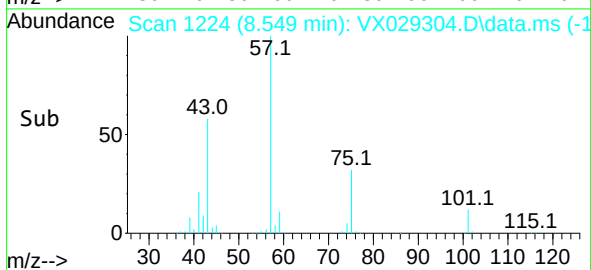
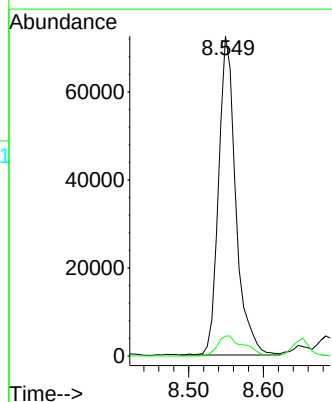
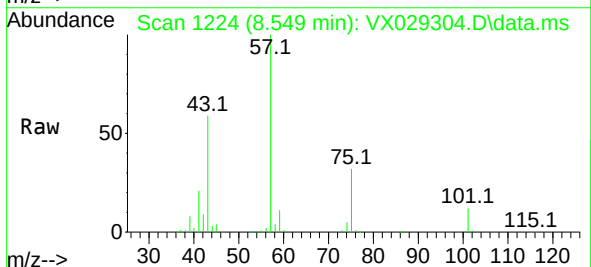
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

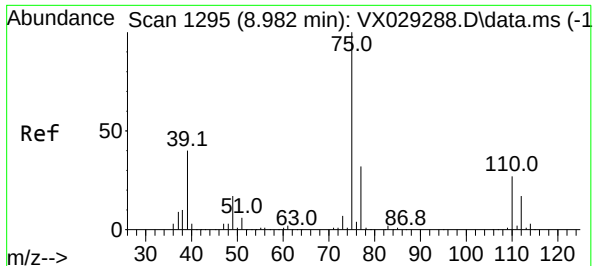
Tgt Ion: 98 Resp: 776517
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 12.236 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 43 Resp: 116125
Ion Ratio Lower Upper
43 100
58 9.5 36.1 54.1#





#53

t-1,3-Dichloropropene

Concen: 1.322 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX029304.D

Acq: 08 Jun 2022 03:26

Instrument :

MSVOA_X

ClientSampleId :

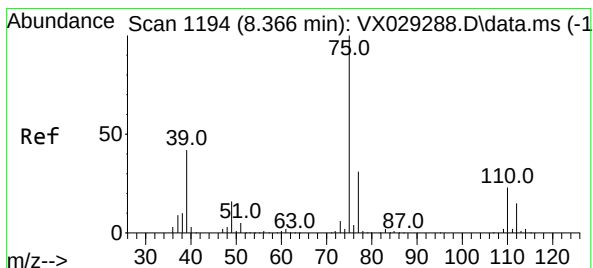
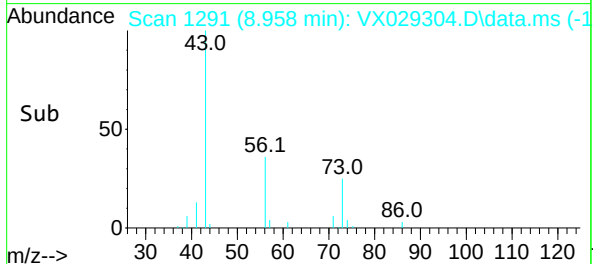
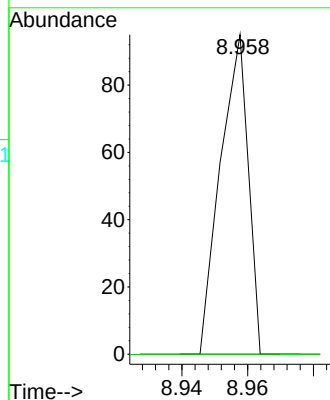
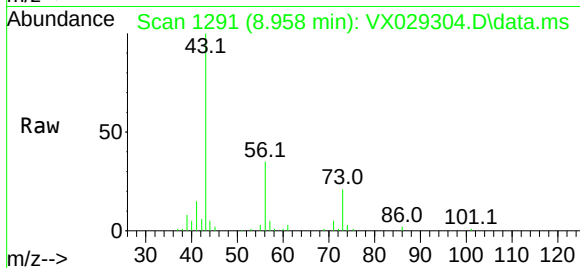
PB145355ZHE#08

Tgt Ion: 75 Resp: 56

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 5.537 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX029304.D

Acq: 08 Jun 2022 03:26

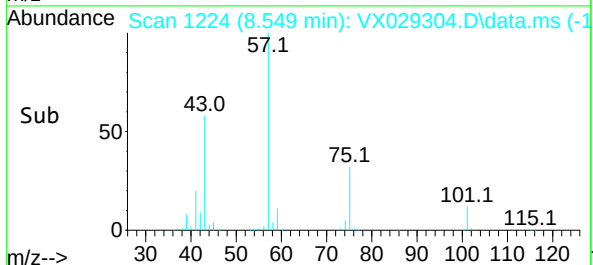
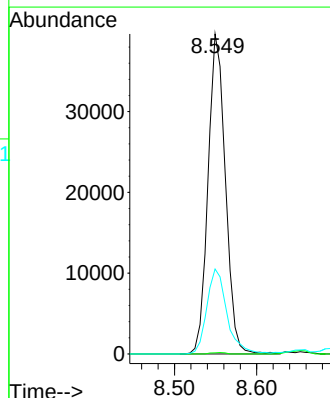
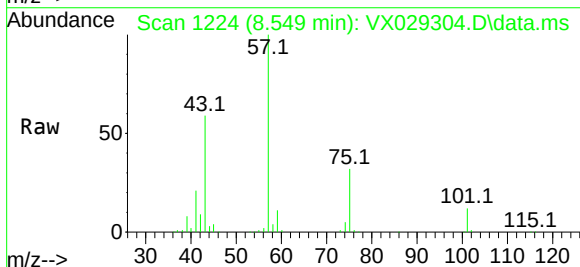
Tgt Ion: 75 Resp: 58172

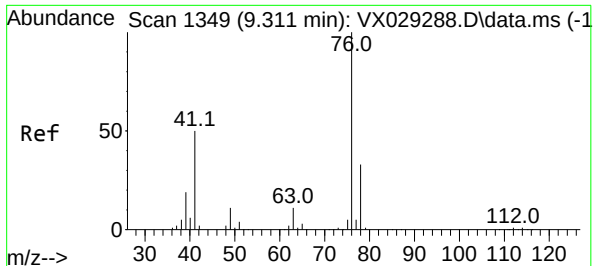
Ion Ratio Lower Upper

75 100

77 0.4 24.8 37.2#

39 26.5 29.6 44.4#





#57

1,3-Dichloropropane

Concen: 3.101 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX029304.D

Acq: 08 Jun 2022 03:26

Instrument :

MSVOA_X

ClientSampleId :

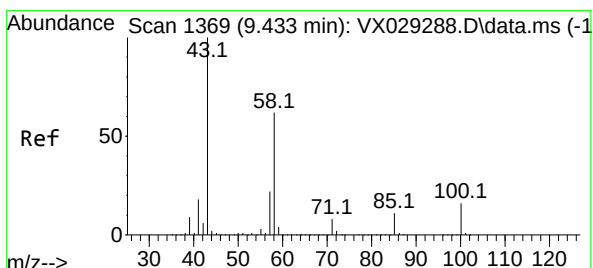
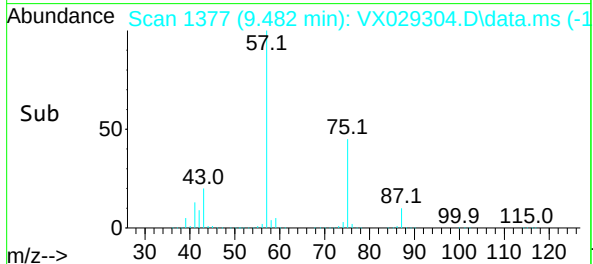
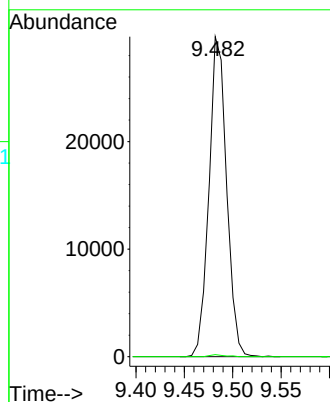
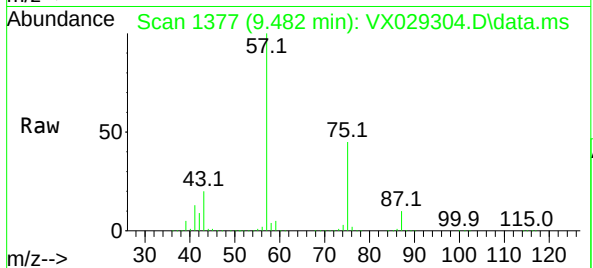
PB145355ZHE#08

Tgt Ion: 76 Resp: 37791

Ion Ratio Lower Upper

76 100

78 0.5 25.8 38.8#



#59

2-Hexanone

Concen: 62.133 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX029304.D

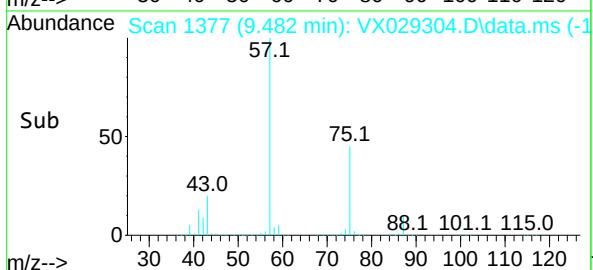
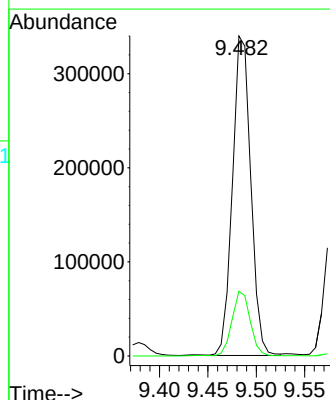
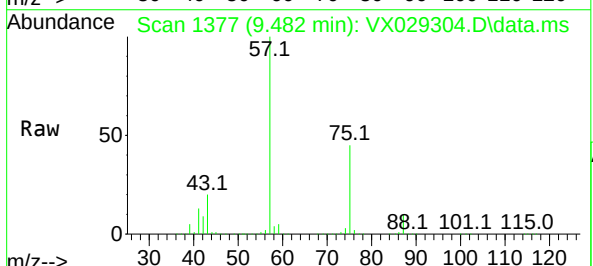
Acq: 08 Jun 2022 03:26

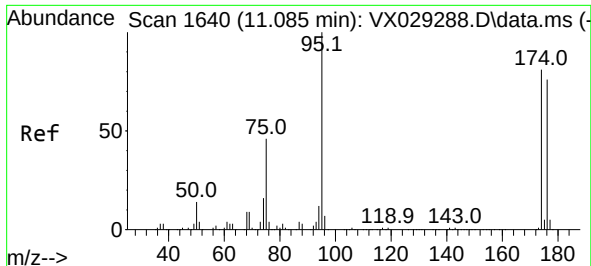
Tgt Ion: 43 Resp: 448332

Ion Ratio Lower Upper

43 100

58 19.9 31.9 95.7#

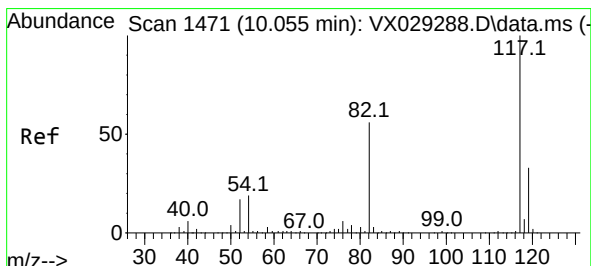
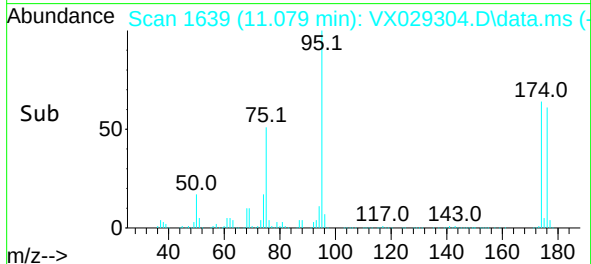
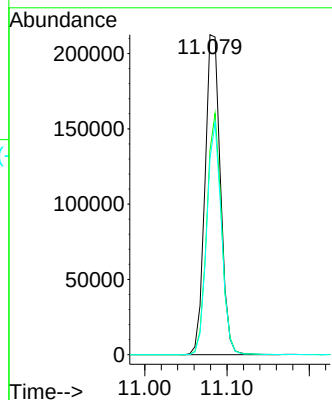
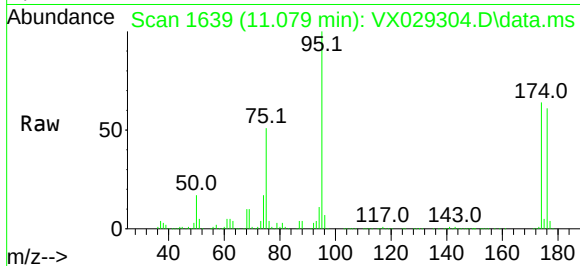




#62
4-Bromofluorobenzene
Concen: 35.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

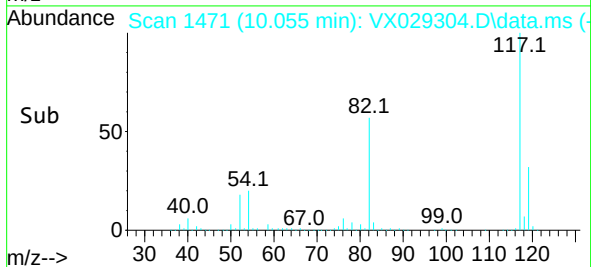
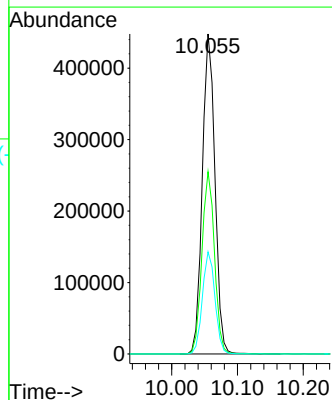
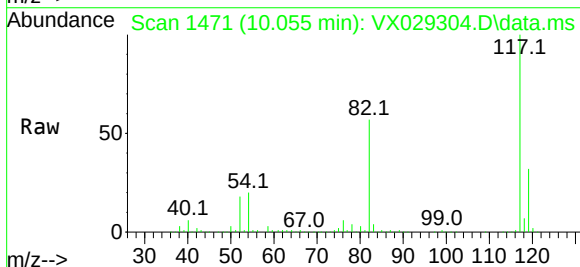
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

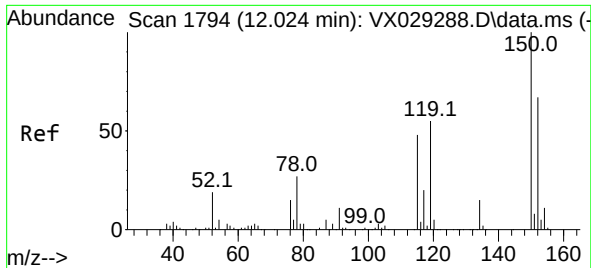
Tgt Ion: 95 Resp: 277422
Ion Ratio Lower Upper
95 100
174 71.6 0.0 163.0
176 68.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 117 Resp: 597427
Ion Ratio Lower Upper
117 100
82 57.0 41.8 62.8
119 31.9 24.8 37.2

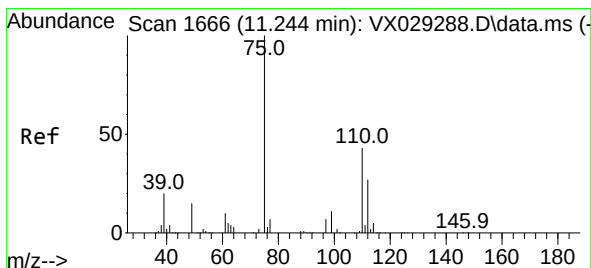
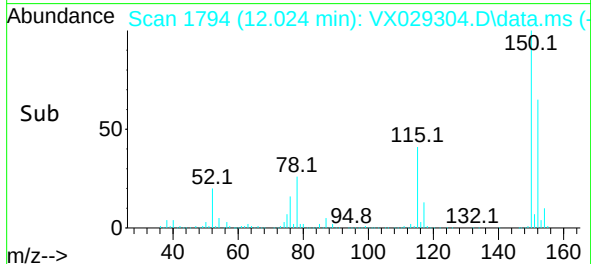
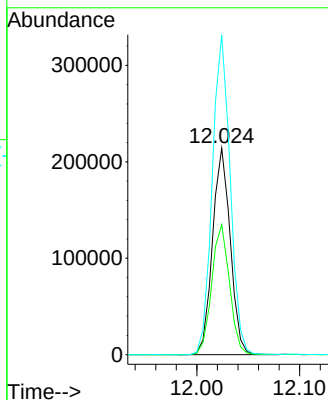
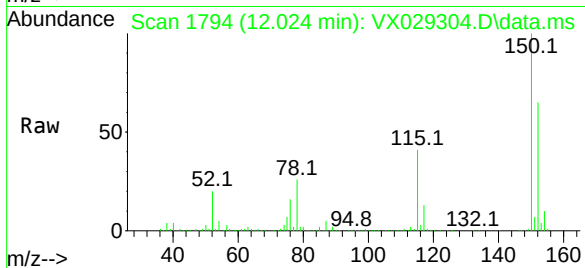




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

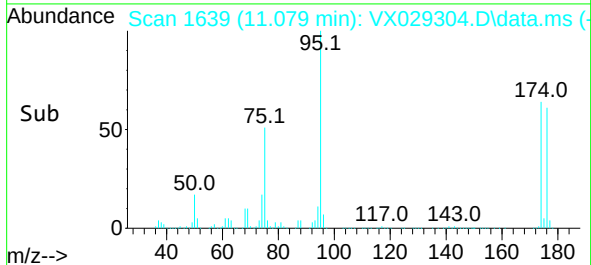
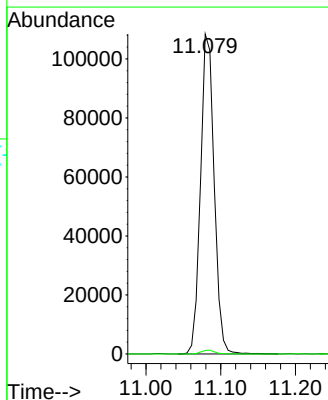
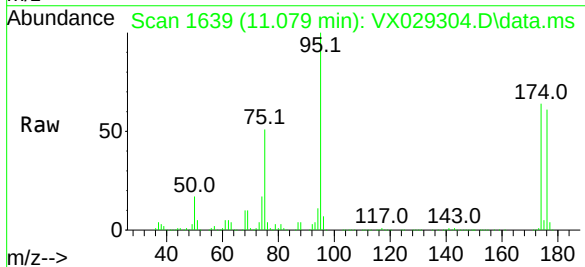
Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

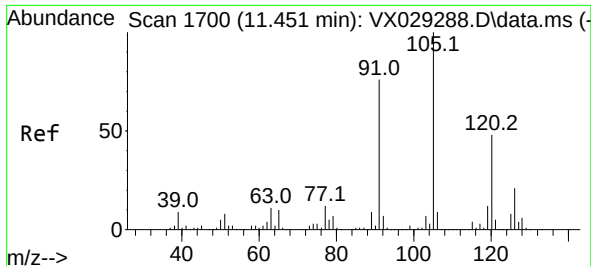
Tgt Ion:152 Resp: 256067
Ion Ratio Lower Upper
152 100
115 63.3 37.5 112.7
150 156.2 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 75 Resp: 137819
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

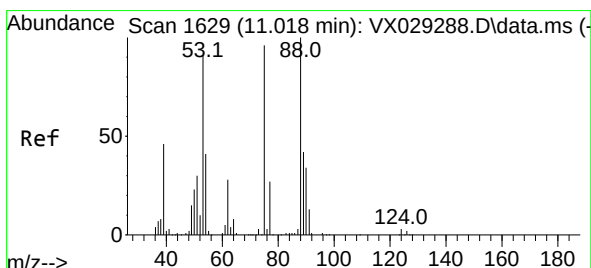
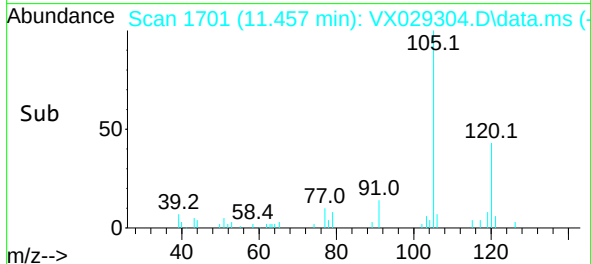
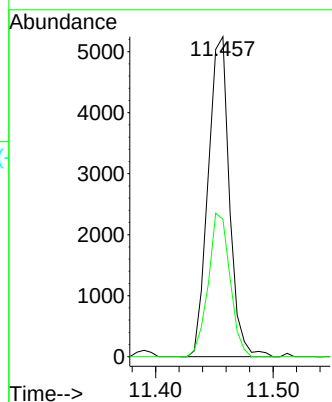
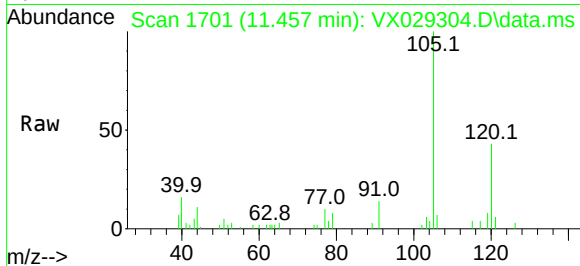




#80
1,3,5-Trimethylbenzene
Concen: 0.385 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Instrument :
MSVOA_X
ClientSampleId :
PB145355ZHE#08

Tgt Ion:105 Resp: 6591
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 70.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029304.D
Acq: 08 Jun 2022 03:26

Tgt Ion: 75 Resp: 137819
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

