

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029855.D
 Acq On : 29 Jun 2022 12:39
 Operator : JC/MD
 Sample : N3494-29DL 10X
 Misc : 5.60g/5.00mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-2-GRDL

Quant Time: Jun 29 15:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

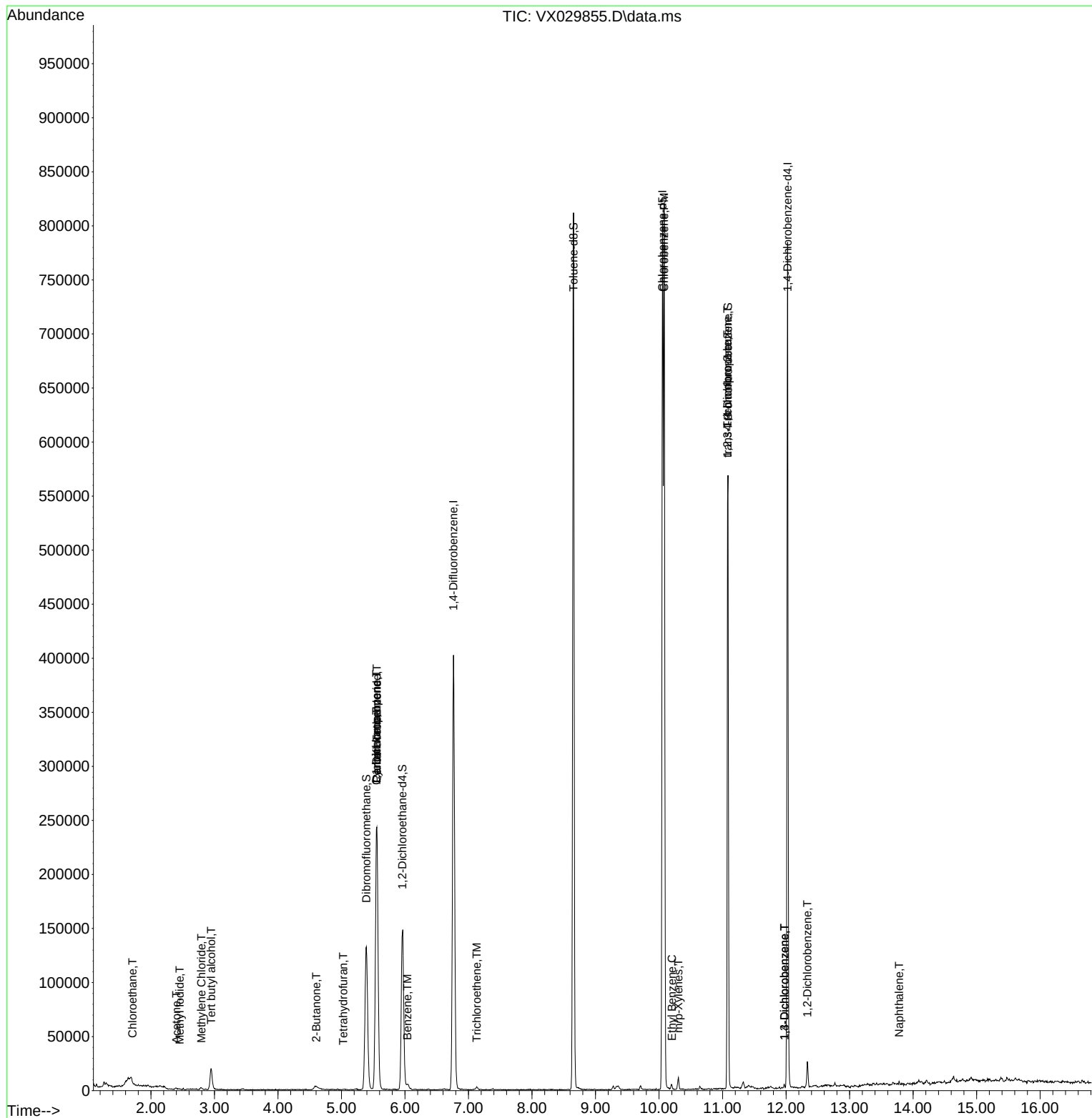
Internal Standards						
1) Pentafluorobenzene	5.556	168	248603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	158225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133917	42.555	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.120%
35) Dibromofluoromethane	5.391	113	118553	44.426	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.860%
50) Toluene-d8	8.653	98	485338	48.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.085	95	159839	45.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%
Target Compounds						
					Qvalue	
6) Chloroethane	1.709	64	383	1.220	ug/l #	79
10) Methyl Iodide	2.453	142	322	1.964	ug/l #	53
11) Tert butyl alcohol	2.947	59	12849	15.613	ug/l #	76
13) Acrolein	2.233	56	98	Below Cal	#	14
16) Acetone	2.398	43	1640	1.065	ug/l #	74
20) Methylene Chloride	2.794	84	1062	0.327	ug/l #	88
25) 2-Butanone	4.605	43	809	0.303	ug/l #	48
29) Tetrahydrofuran	5.025	42	366	0.208	ug/l #	56
31) Cyclohexane	5.550	56	4988	1.137	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	18178	5.122	ug/l #	48
38) Carbon Tetrachloride	5.556	117	22469	7.306	ug/l #	18
40) Benzene	6.037	78	5098	0.444	ug/l #	90
44) Trichloroethene	7.129	130	1052	0.340	ug/l	68
65) Chlorobenzene	10.079	112	344612	46.734	ug/l	100
67) Ethyl Benzene	10.201	91	2681	0.209	ug/l	94
68) m/p-Xylenes	10.305	106	2321	0.472	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	75628	19.967	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75628	63.410	ug/l #	13
87) 1,3-Dichlorobenzene	11.975	146	1113	0.211	ug/l	87
88) 1,4-Dichlorobenzene	11.975	146	1113	0.206	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	7436	1.432	ug/l	98
95) Naphthalene	13.780	128	2574	0.201	ug/l #	89

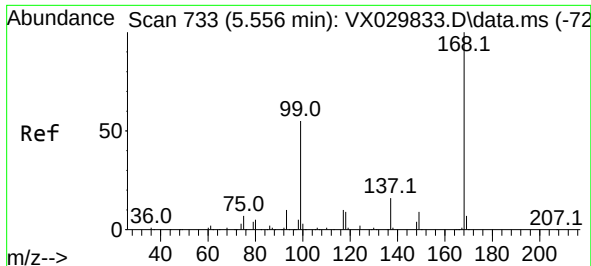
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
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ClientSampleId :
SP-EXC-1-2-GRDL

Quant Time: Jun 29 15:02:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

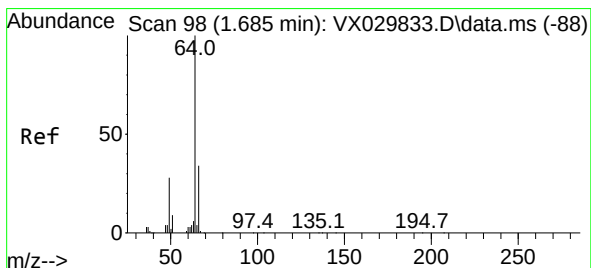
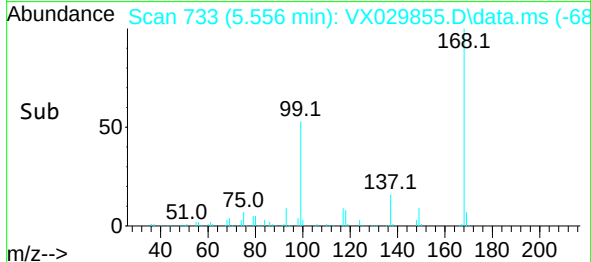
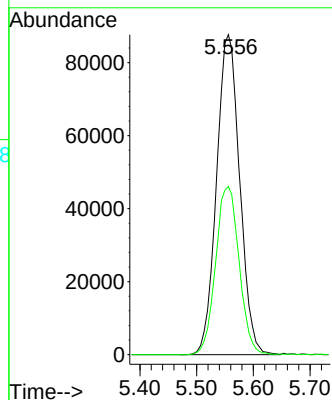
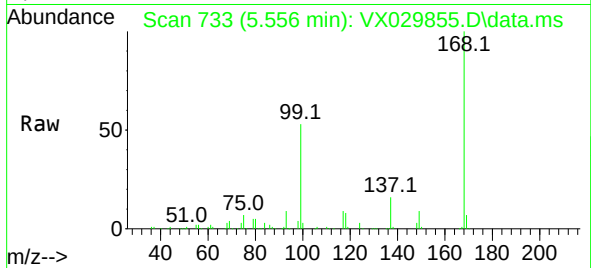




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

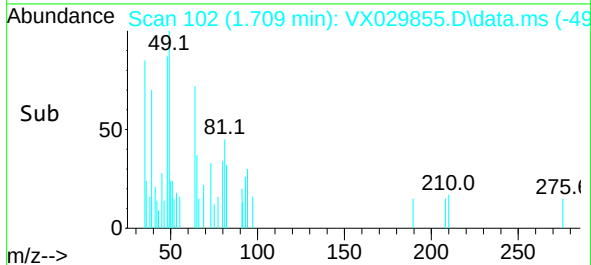
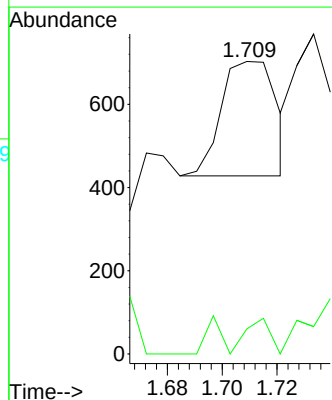
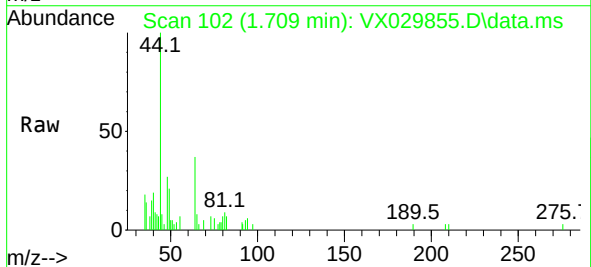
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

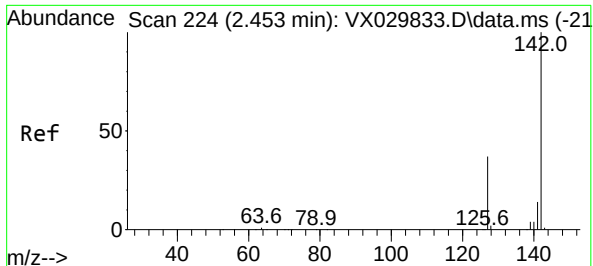
Tgt Ion:168 Resp: 248603
Ion Ratio Lower Upper
168 100
99 52.5 44.0 66.0



#6
Chloroethane
Concen: 1.220 ug/l
RT: 1.709 min Scan# 102
Delta R.T. 0.024 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

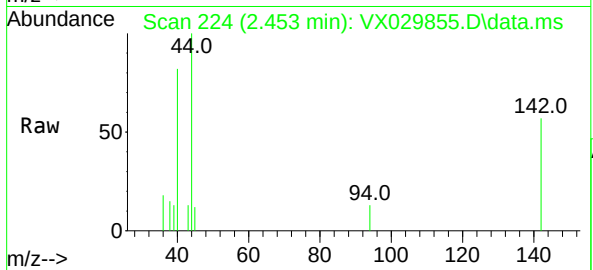
Tgt Ion: 64 Resp: 383
Ion Ratio Lower Upper
64 100
66 21.8 27.2 40.8#



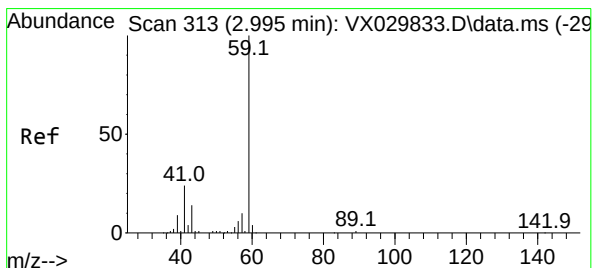
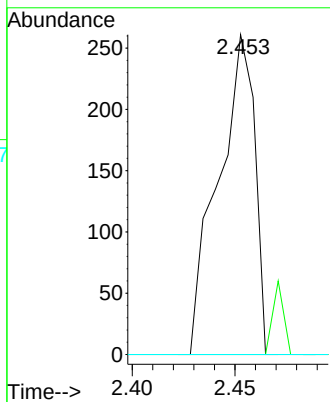
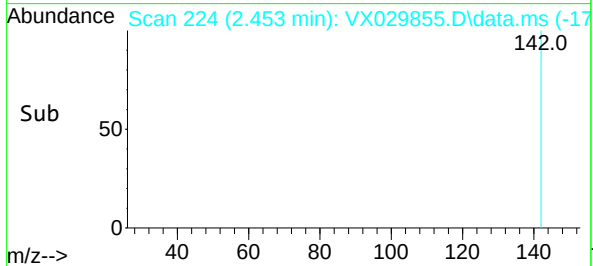


#10
Methyl Iodide
Concen: 1.964 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

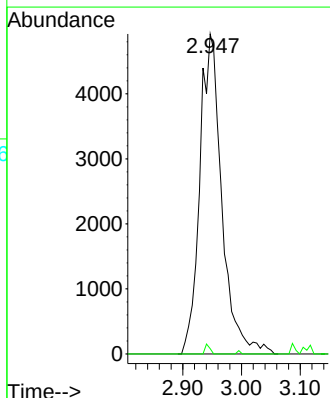
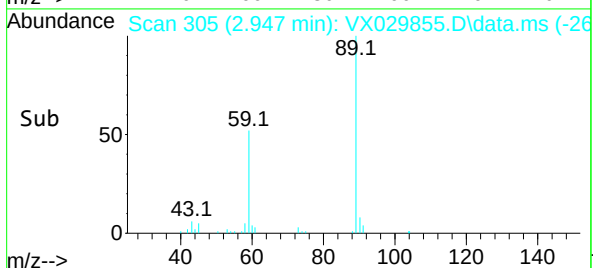
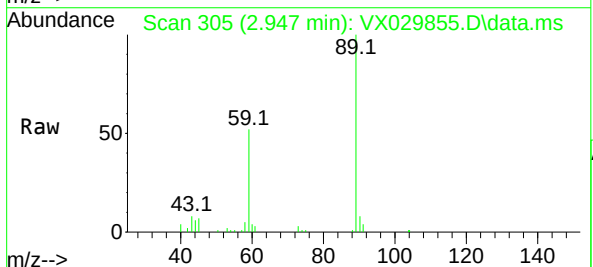


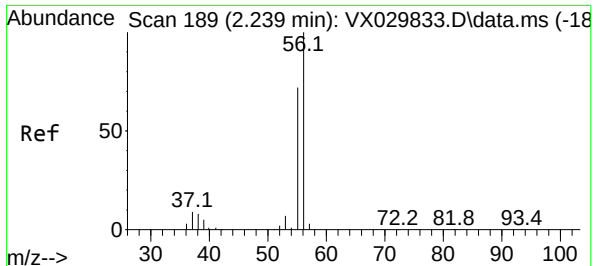
Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
127 6.8 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 15.613 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion: 59 Resp: 12849
Ion Ratio Lower Upper
59 100
57 0.7 7.4 11.2#





#13

Acrolein

Concen: Below Cal

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029855.D

Acq: 29 Jun 2022 12:39

Instrument :

MSVOA_X

ClientSampleId :

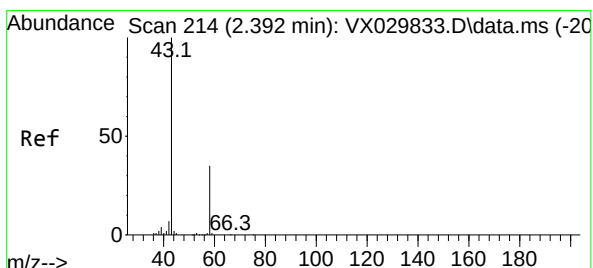
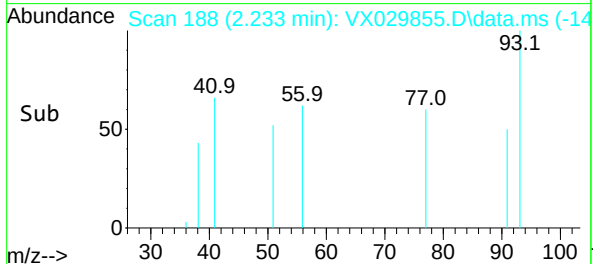
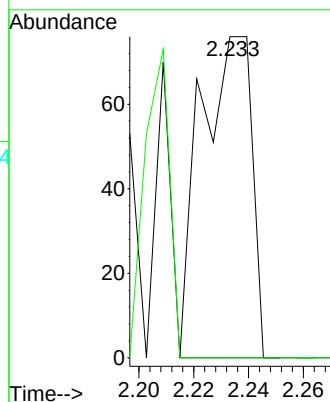
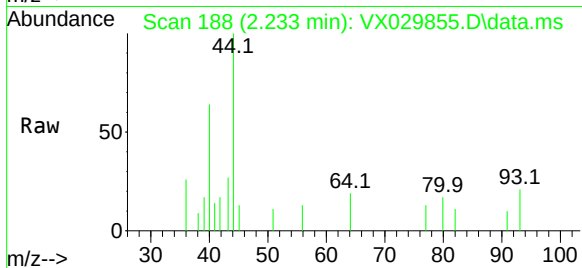
SP-EXC-1-2-GRDL

Tgt Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#



#16

Acetone

Concen: 1.065 ug/l

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX029855.D

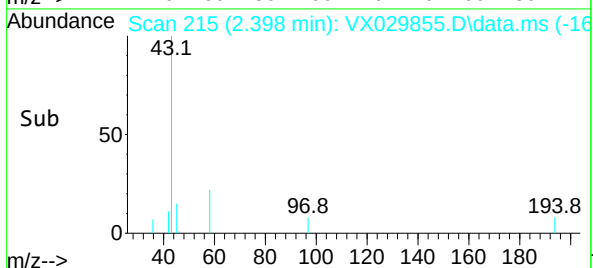
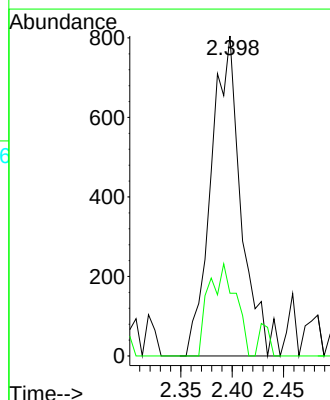
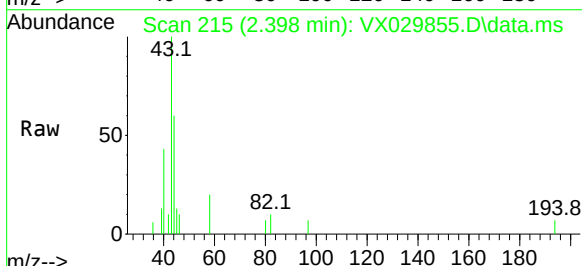
Acq: 29 Jun 2022 12:39

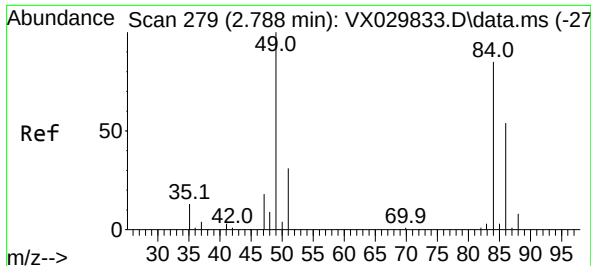
Tgt Ion: 43 Resp: 1640

Ion Ratio Lower Upper

43 100

58 19.6 27.7 41.5#





#20

Methylene Chloride

Concen: 0.327 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX029855.D

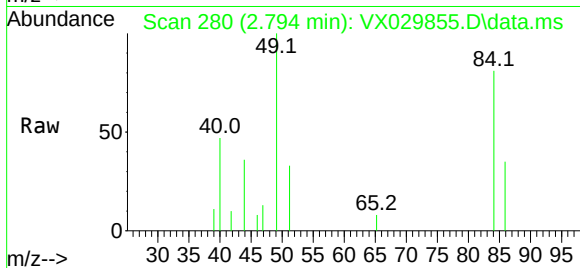
Acq: 29 Jun 2022 12:39

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-2-GRDL



Tgt Ion: 84 Resp: 1062

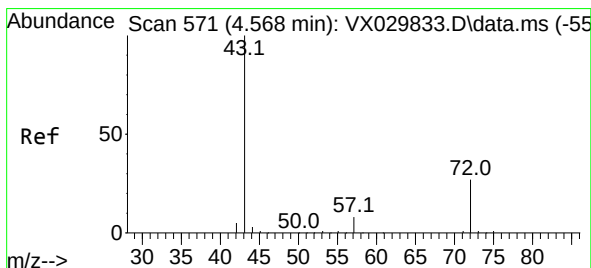
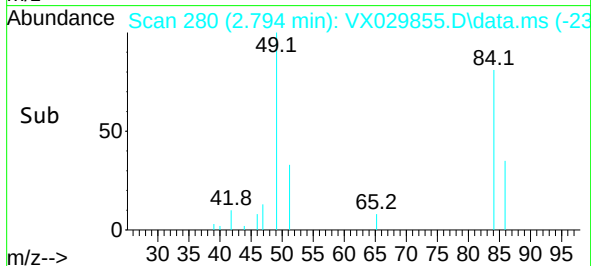
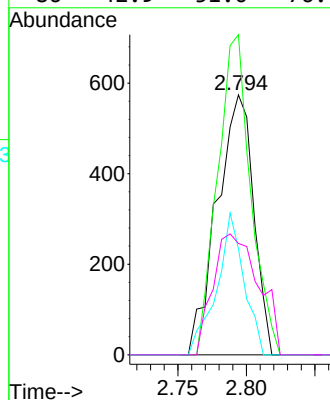
Ion Ratio Lower Upper

84 100

49 123.2 93.8 140.6

51 40.8 29.4 44.0

86 42.9 51.0 76.4#



#25

2-Butanone

Concen: 0.303 ug/l

RT: 4.605 min Scan# 577

Delta R.T. 0.037 min

Lab File: VX029855.D

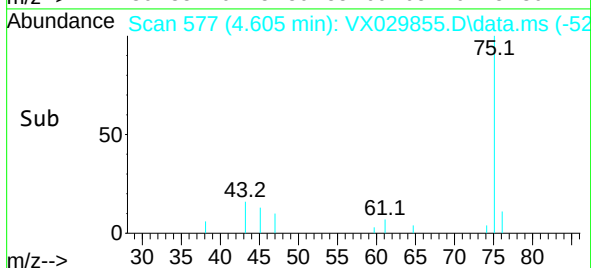
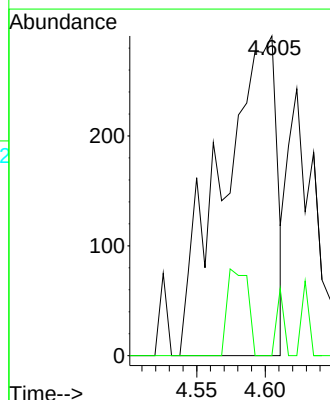
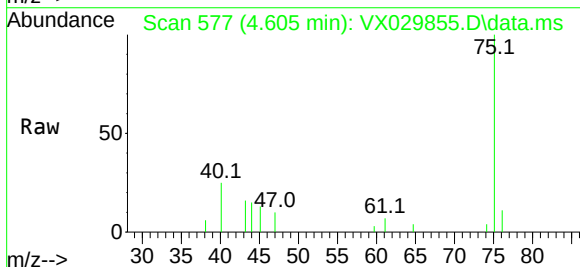
Acq: 29 Jun 2022 12:39

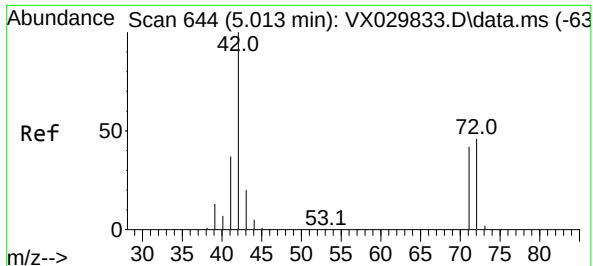
Tgt Ion: 43 Resp: 809

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.208 ug/l

RT: 5.025 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX029855.D

Acq: 29 Jun 2022 12:39

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-2-GRDL

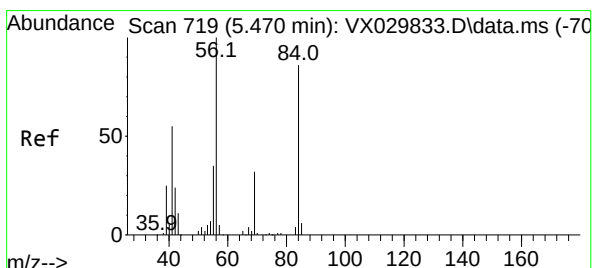
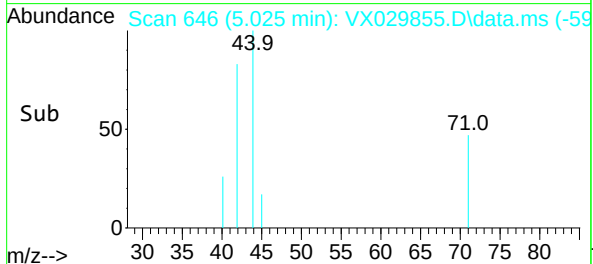
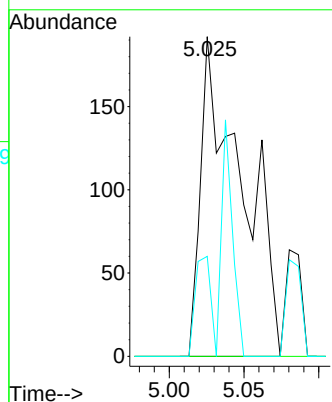
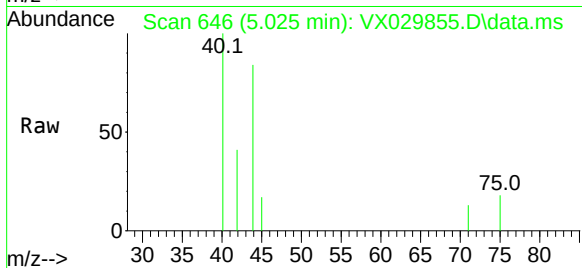
Tgt Ion: 42 Resp: 366

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 31.4 33.9 50.9#



#31

Cyclohexane

Concen: 1.137 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX029855.D

Acq: 29 Jun 2022 12:39

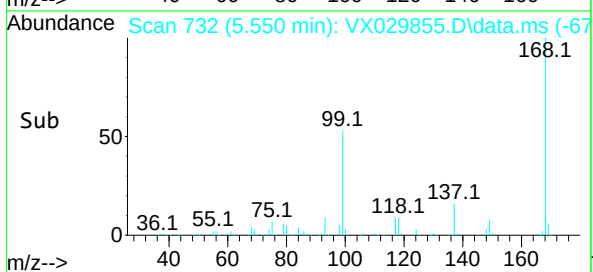
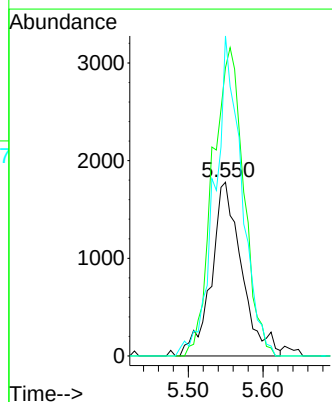
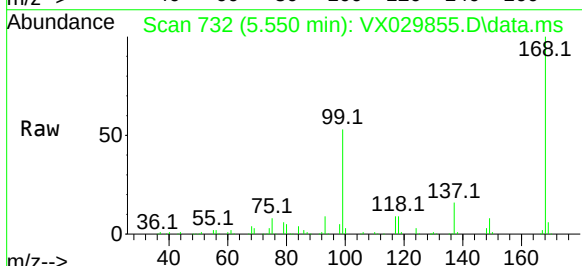
Tgt Ion: 56 Resp: 4988

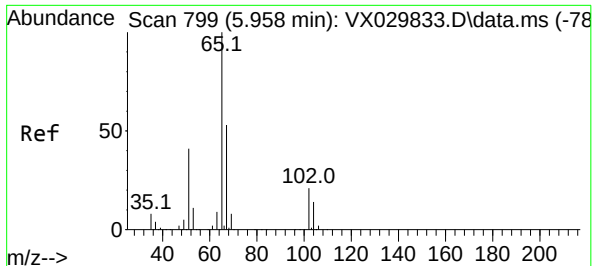
Ion Ratio Lower Upper

56 100

69 165.9 25.4 38.0#

84 184.1 68.9 103.3#

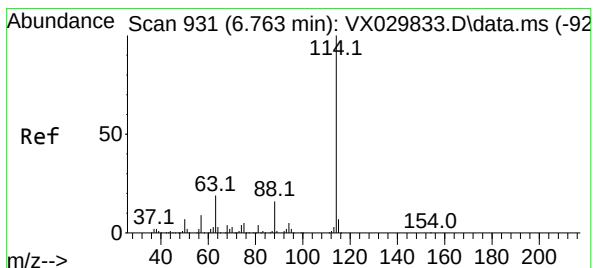
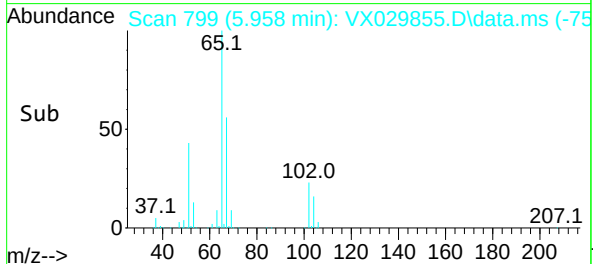
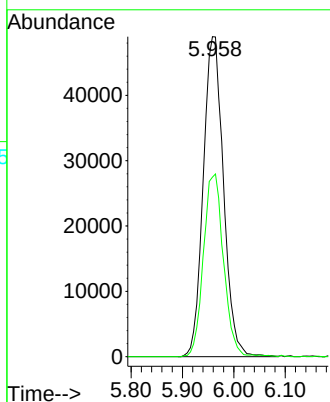
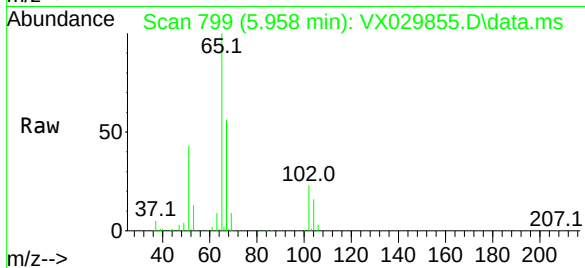




#33
1,2-Dichloroethane-d4
Concen: 42.555 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

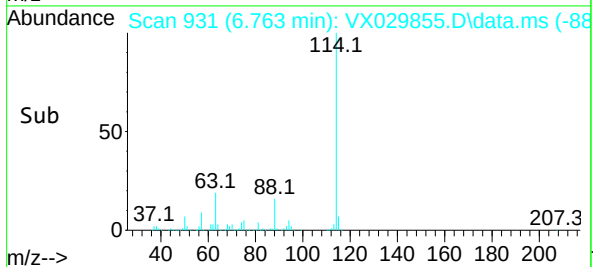
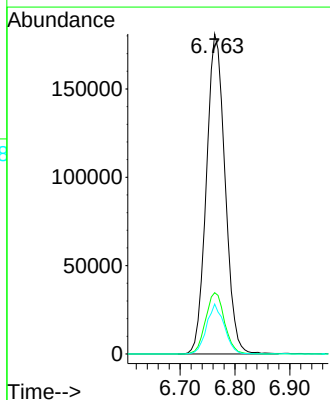
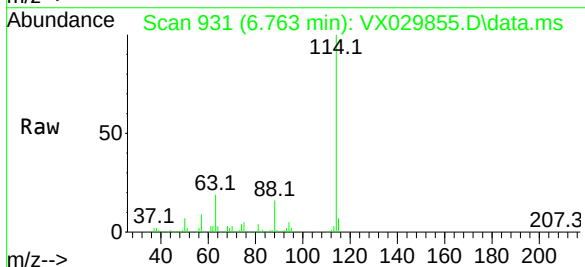
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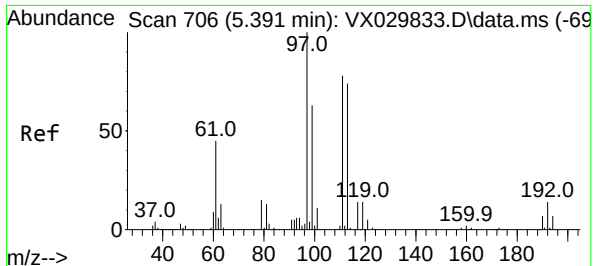
Tgt Ion: 65 Resp: 133917
Ion Ratio Lower Upper
65 100
67 56.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion: 114 Resp: 427003
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.4
88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 44.426 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029855.D

Acq: 29 Jun 2022 12:39

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-2-GRDL

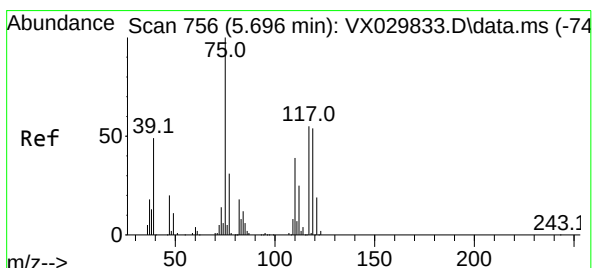
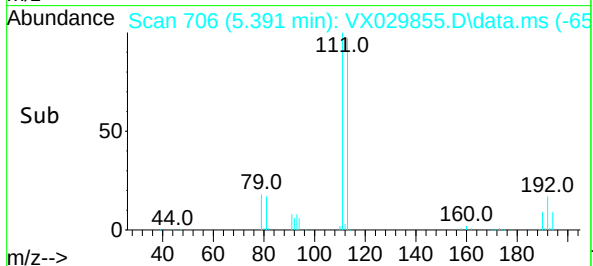
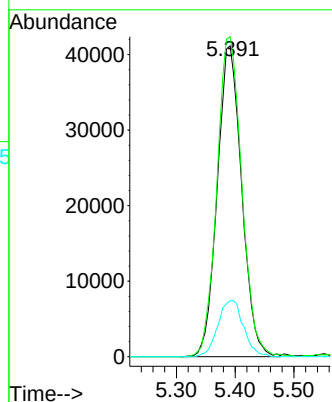
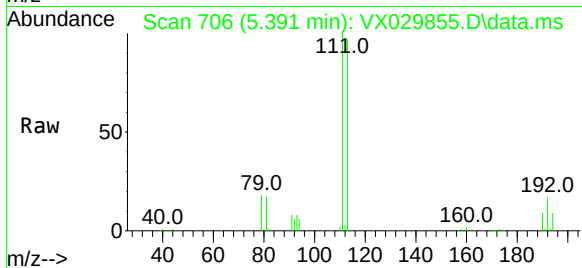
Tgt Ion:113 Resp: 118553

Ion Ratio Lower Upper

113 100

111 105.4 83.2 124.8

192 19.0 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.122 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029855.D

Acq: 29 Jun 2022 12:39

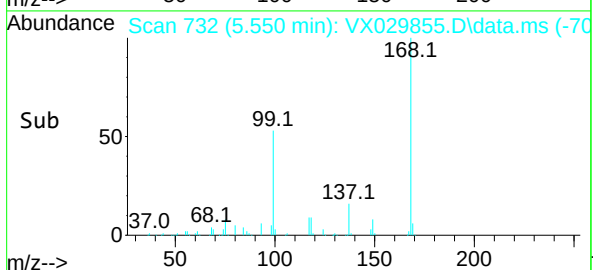
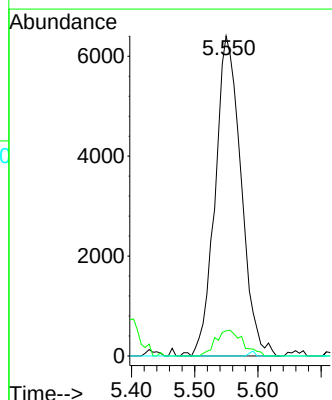
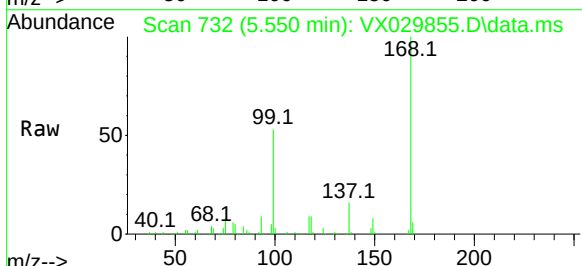
Tgt Ion: 75 Resp: 18178

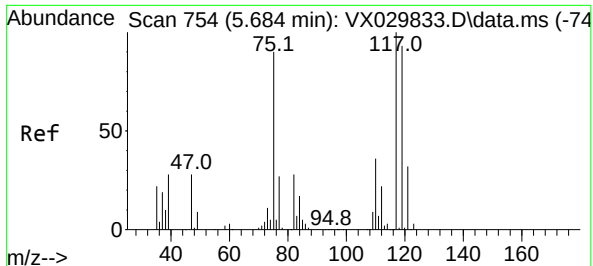
Ion Ratio Lower Upper

75 100

110 8.5 19.3 57.9#

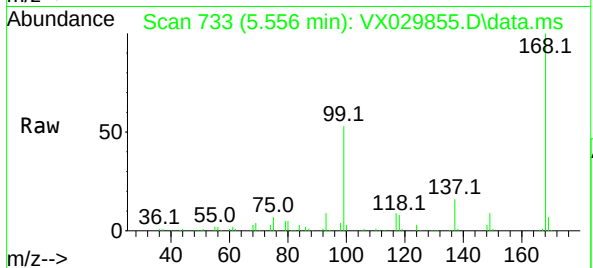
77 0.0 24.4 36.6#



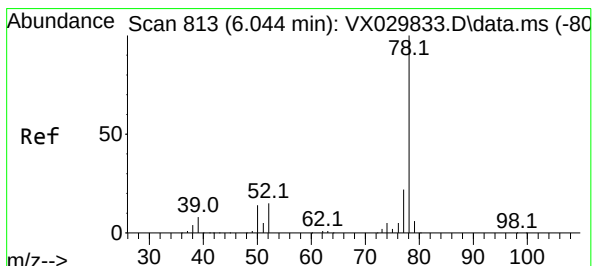
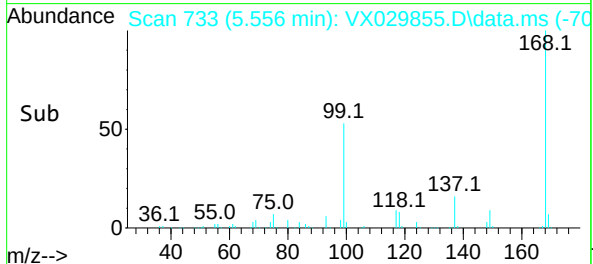
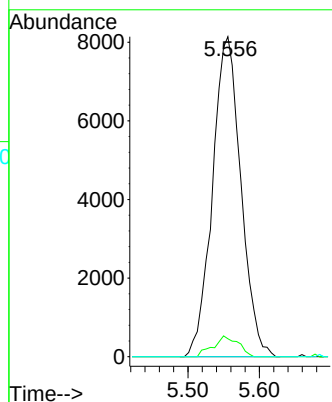


#38
Carbon Tetrachloride
Concen: 7.306 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

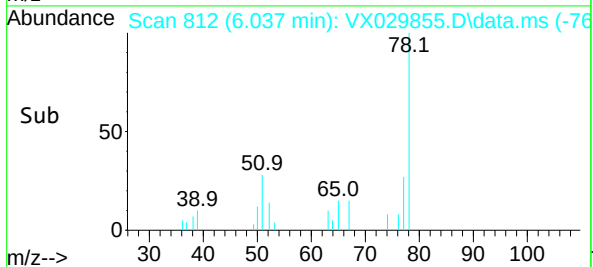
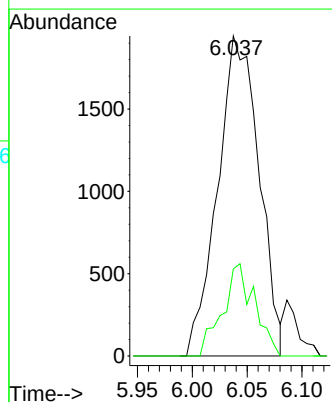
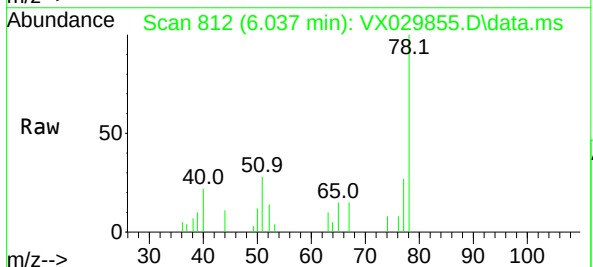


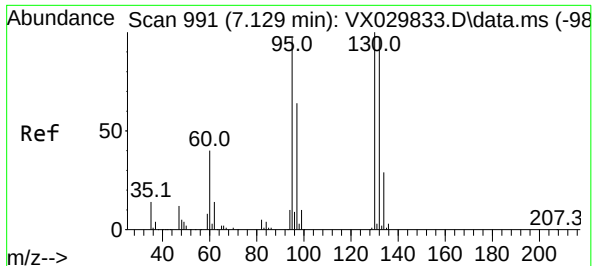
Tgt Ion:117 Resp: 22469
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#



#40
Benzene
Concen: 0.444 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion: 78 Resp: 5098
Ion Ratio Lower Upper
78 100
77 27.2 18.0 27.0#

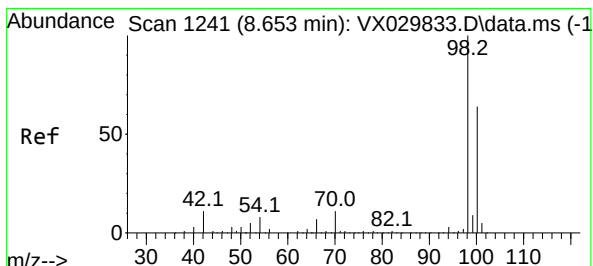
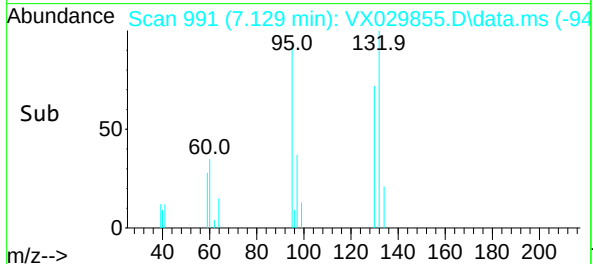
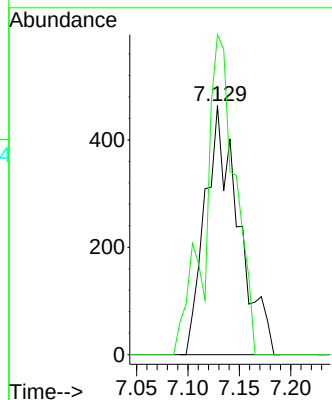
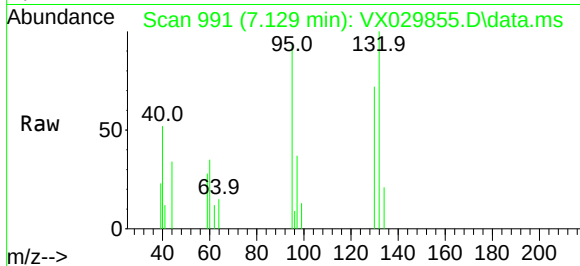




#44
 Trichloroethene
 Concen: 0.340 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX029855.D
 Acq: 29 Jun 2022 12:39

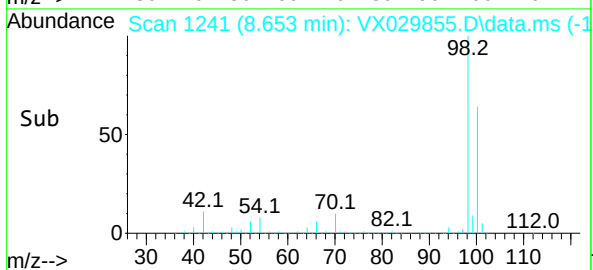
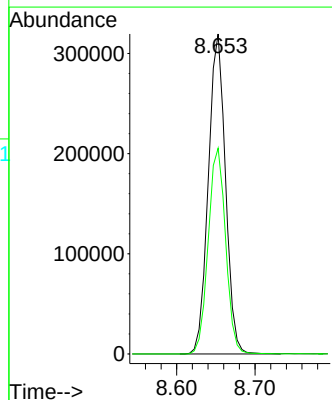
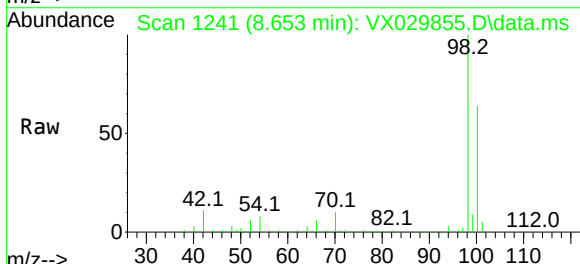
Instrument :
 MSVOA_X
 ClientSampleId :
 SP-EXC-1-2-GRDL

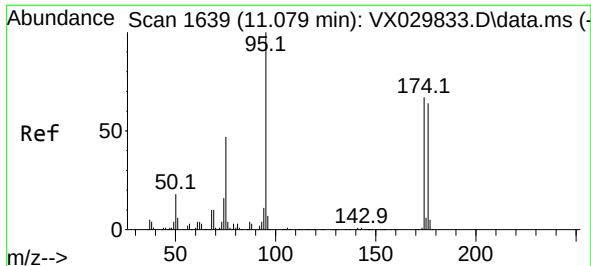
Tgt Ion:130 Resp: 1052
 Ion Ratio Lower Upper
 130 100
 95 128.4 0.0 194.8



#50
 Toluene-d8
 Concen: 48.481 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX029855.D
 Acq: 29 Jun 2022 12:39

Tgt Ion: 98 Resp: 485338
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.3 78.5

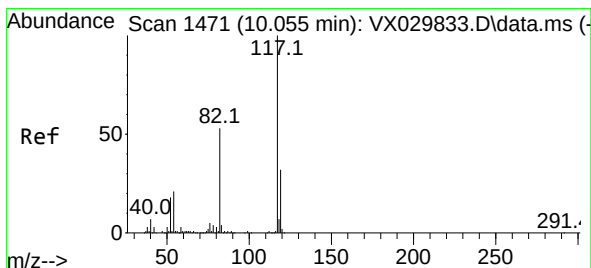
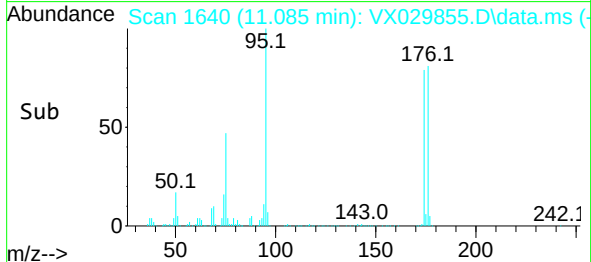
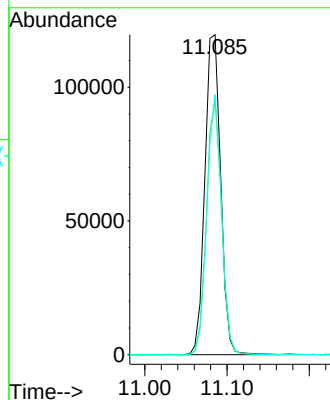
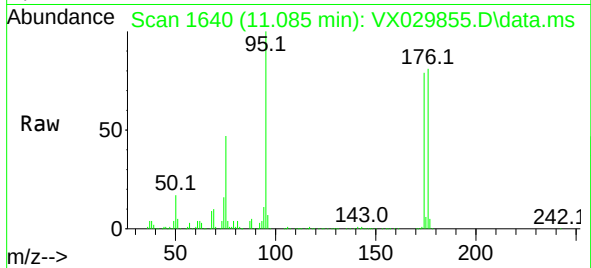




#62
4-Bromofluorobenzene
Concen: 45.168 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

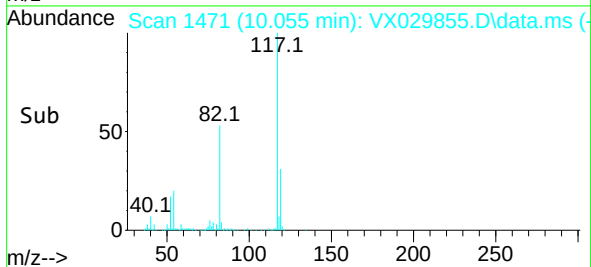
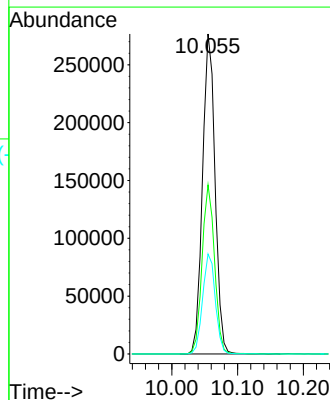
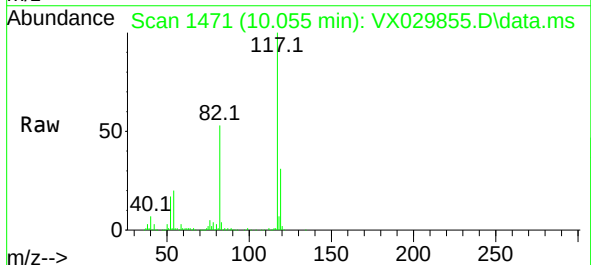
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

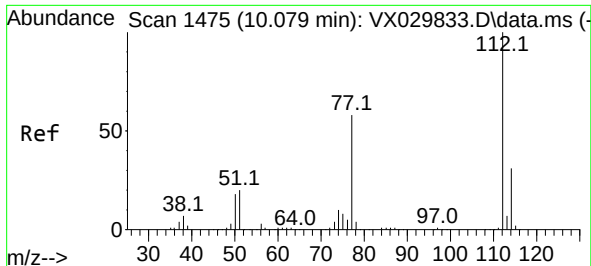
Tgt Ion: 95 Resp: 159839
Ion Ratio Lower Upper
95 100
174 76.3 0.0 149.0
176 74.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion: 117 Resp: 367343
Ion Ratio Lower Upper
117 100
82 52.9 42.7 64.1
119 31.2 25.4 38.2

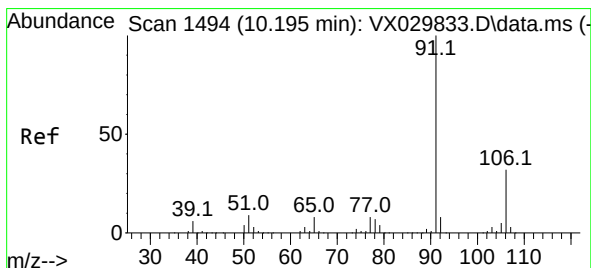
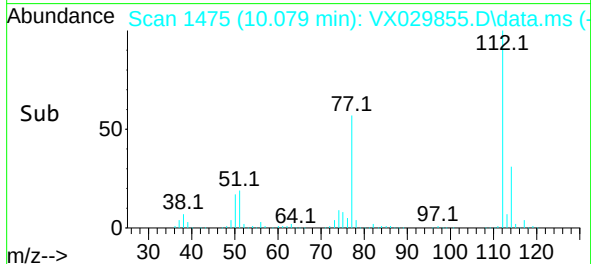
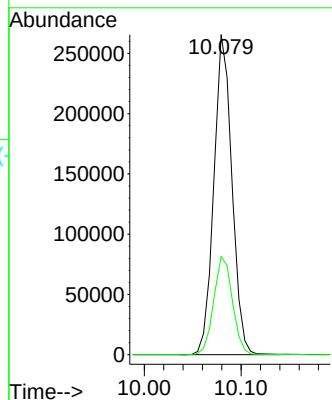
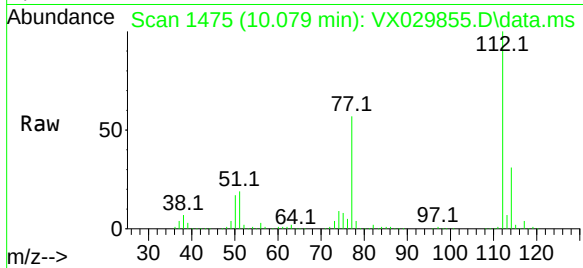




#65
Chlorobenzene
Concen: 46.734 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

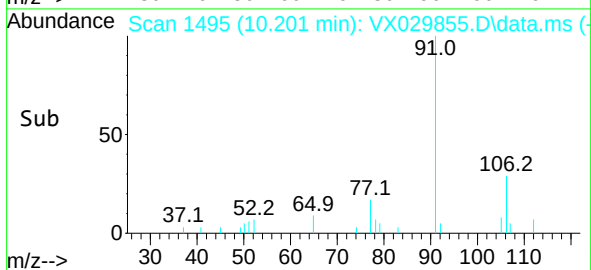
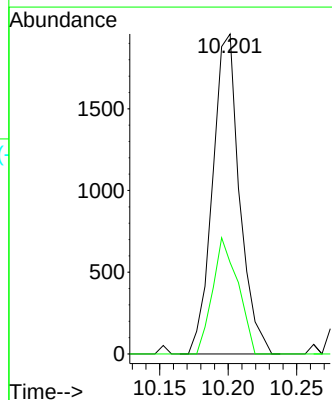
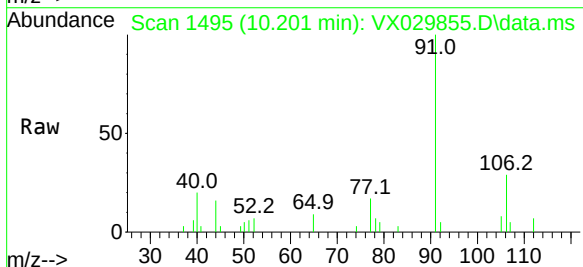
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

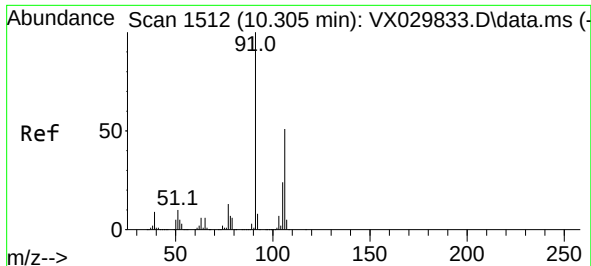
Tgt Ion:112 Resp: 344612
Ion Ratio Lower Upper
112 100
114 30.6 24.6 36.8



#67
Ethyl Benzene
Concen: 0.209 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion: 91 Resp: 2681
Ion Ratio Lower Upper
91 100
106 28.5 25.5 38.3

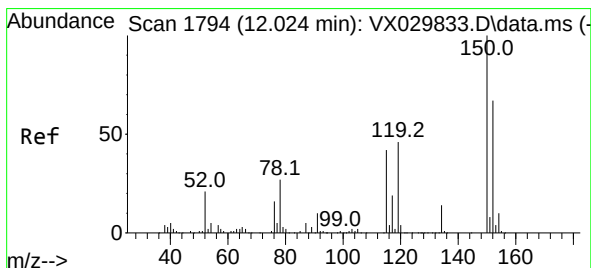
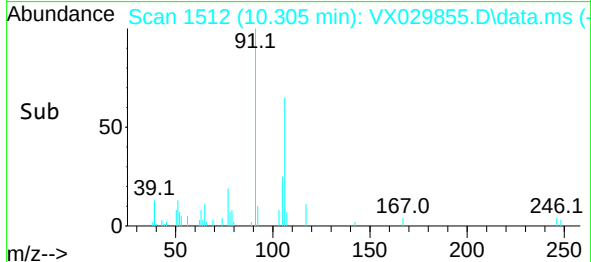
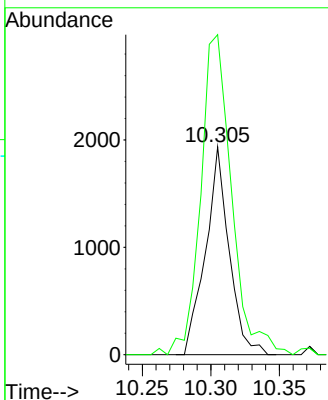
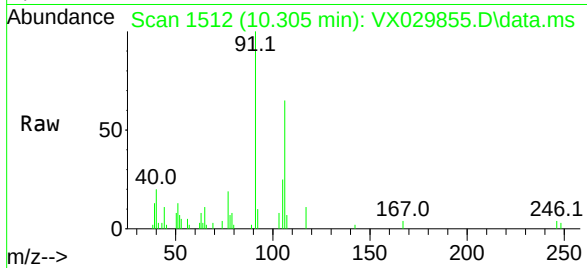




#68
m/p-Xylenes
Concen: 0.472 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

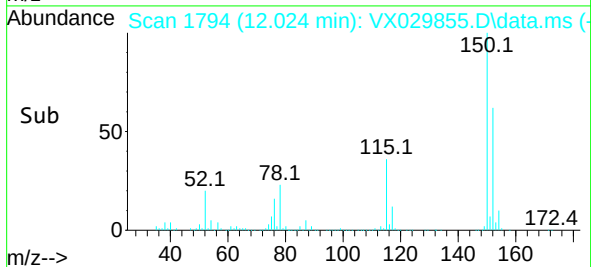
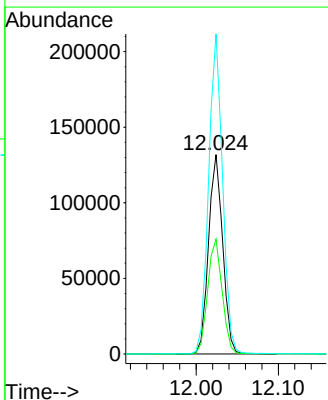
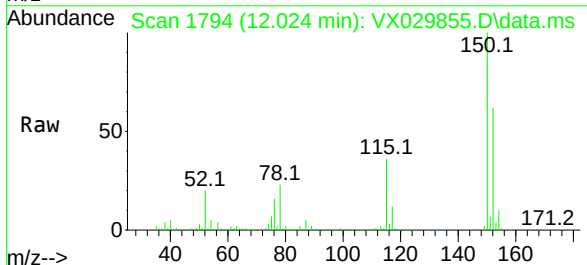
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

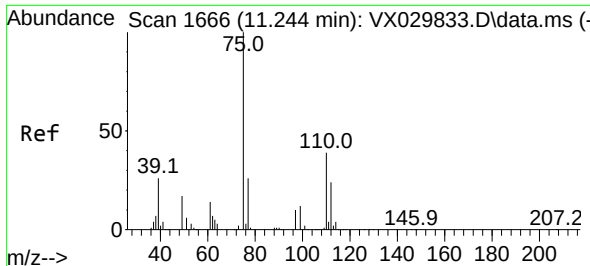
Tgt Ion:106 Resp: 2321
Ion Ratio Lower Upper
106 100
91 201.9 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion:152 Resp: 158225
Ion Ratio Lower Upper
152 100
115 58.7 40.5 121.5
150 157.3 0.0 347.0

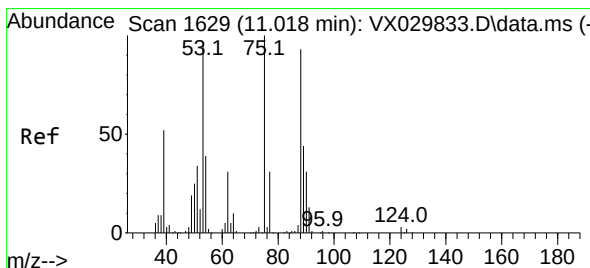
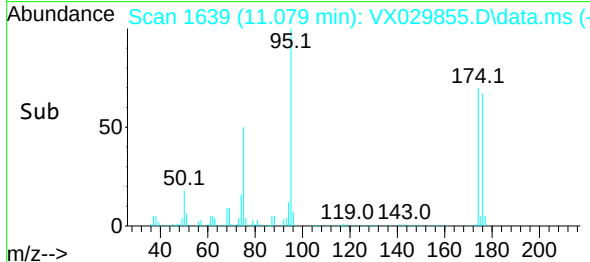
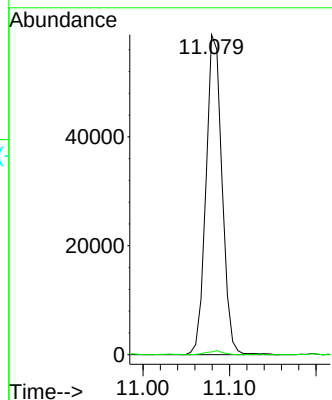
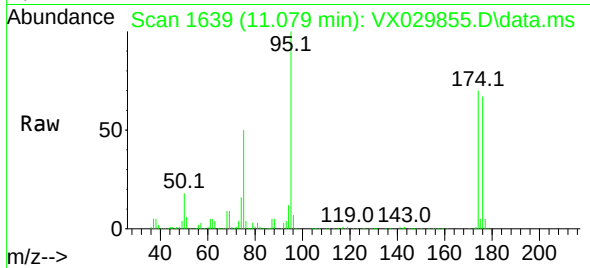




#76
1,2,3-Trichloropropane
Concen: 19.967 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

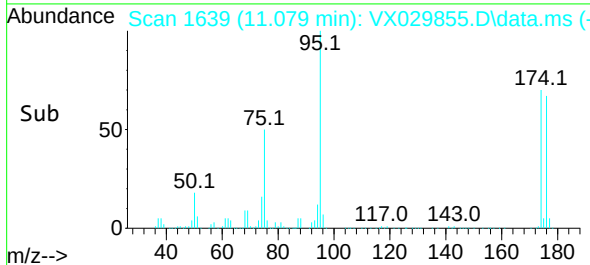
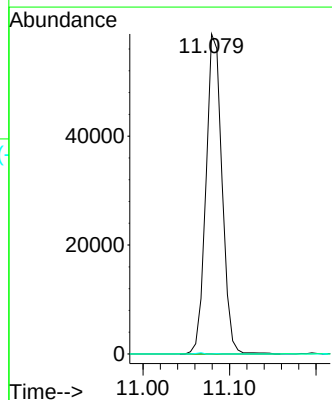
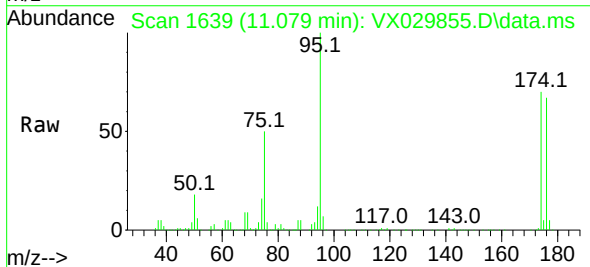
Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

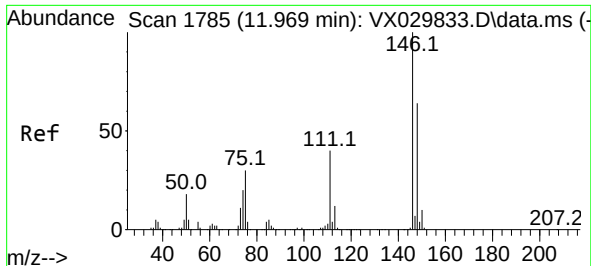
Tgt Ion: 75 Resp: 75628
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.410 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion: 75 Resp: 75628
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#87

1,3-Dichlorobenzene

Concen: 0.211 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX029855.D

Acq: 29 Jun 2022 12:39

Instrument :

MSVOA_X

ClientSampleId :

SP-EXC-1-2-GRDL

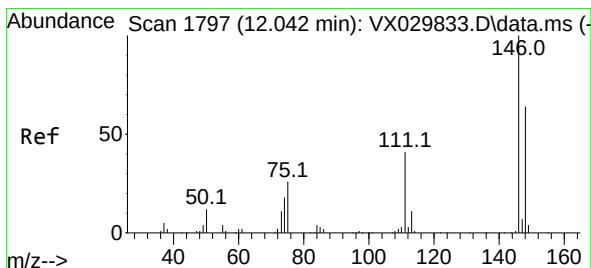
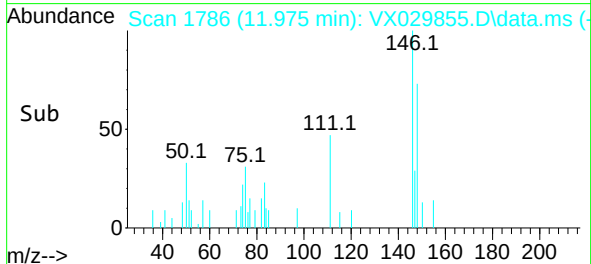
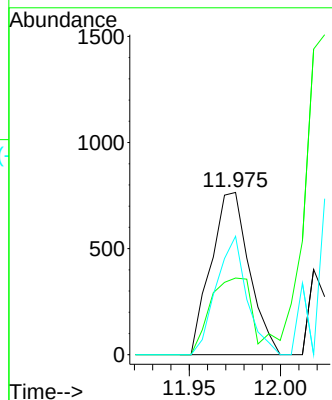
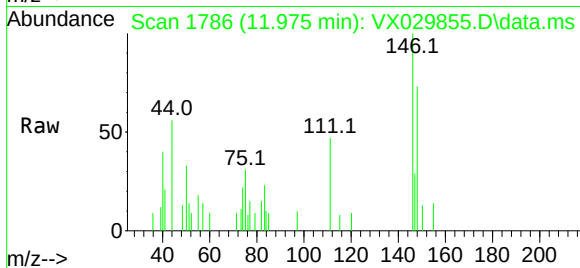
Tgt Ion:146 Resp: 1113

Ion Ratio Lower Upper

146 100

111 55.3 20.3 60.8

148 58.8 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.206 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX029855.D

Acq: 29 Jun 2022 12:39

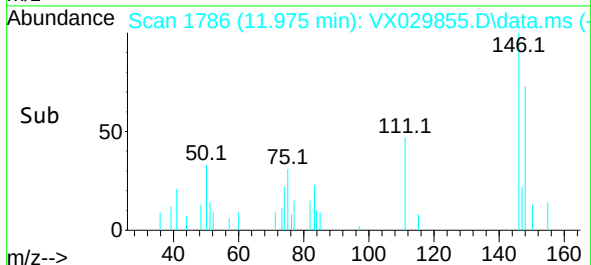
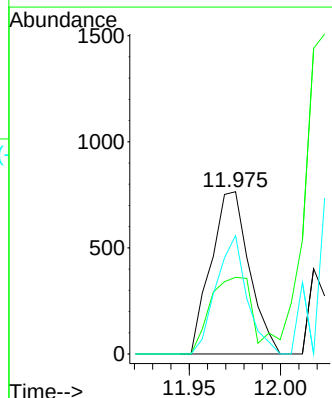
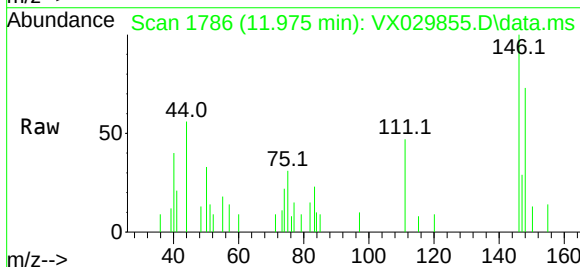
Tgt Ion:146 Resp: 1113

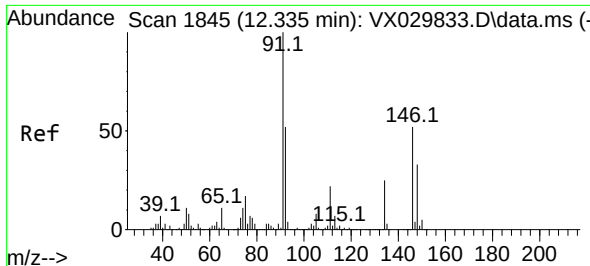
Ion Ratio Lower Upper

146 100

111 55.3 20.3 60.9

148 58.8 32.3 96.8

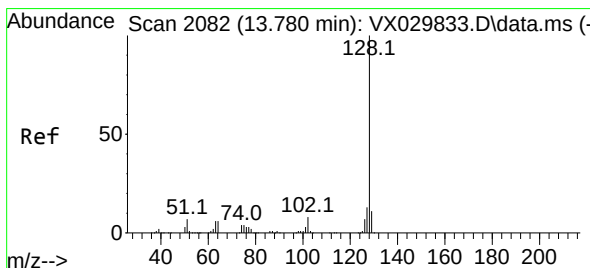
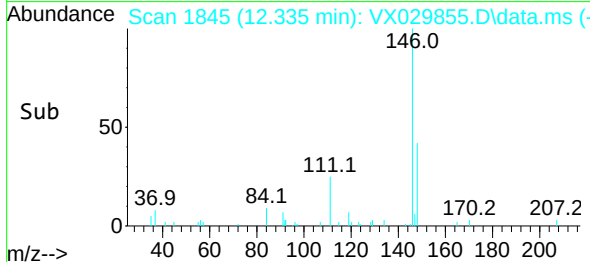
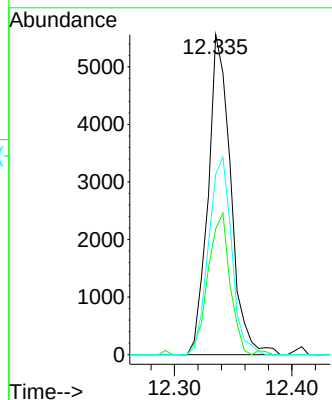
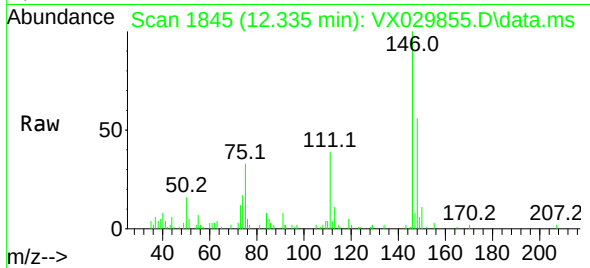




#91
1,2-Dichlorobenzene
Concen: 1.432 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Instrument :
MSVOA_X
ClientSampleId :
SP-EXC-1-2-GRDL

Tgt Ion:146 Resp: 7436
Ion Ratio Lower Upper
146 100
111 42.8 20.7 62.1
148 62.8 32.0 96.2



#95
Naphthalene
Concen: 0.201 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX029855.D
Acq: 29 Jun 2022 12:39

Tgt Ion:128 Resp: 2574
Ion Ratio Lower Upper
128 100
127 10.8 10.2 15.2
129 17.4 8.6 13.0#

