

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072922\
 Data File : VX030301.D
 Acq On : 29 Jul 2022 14:35
 Operator : JC/MD
 Sample : N3965-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SVE-VZC-D4BR-62

Quant Time: Aug 01 05:13:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

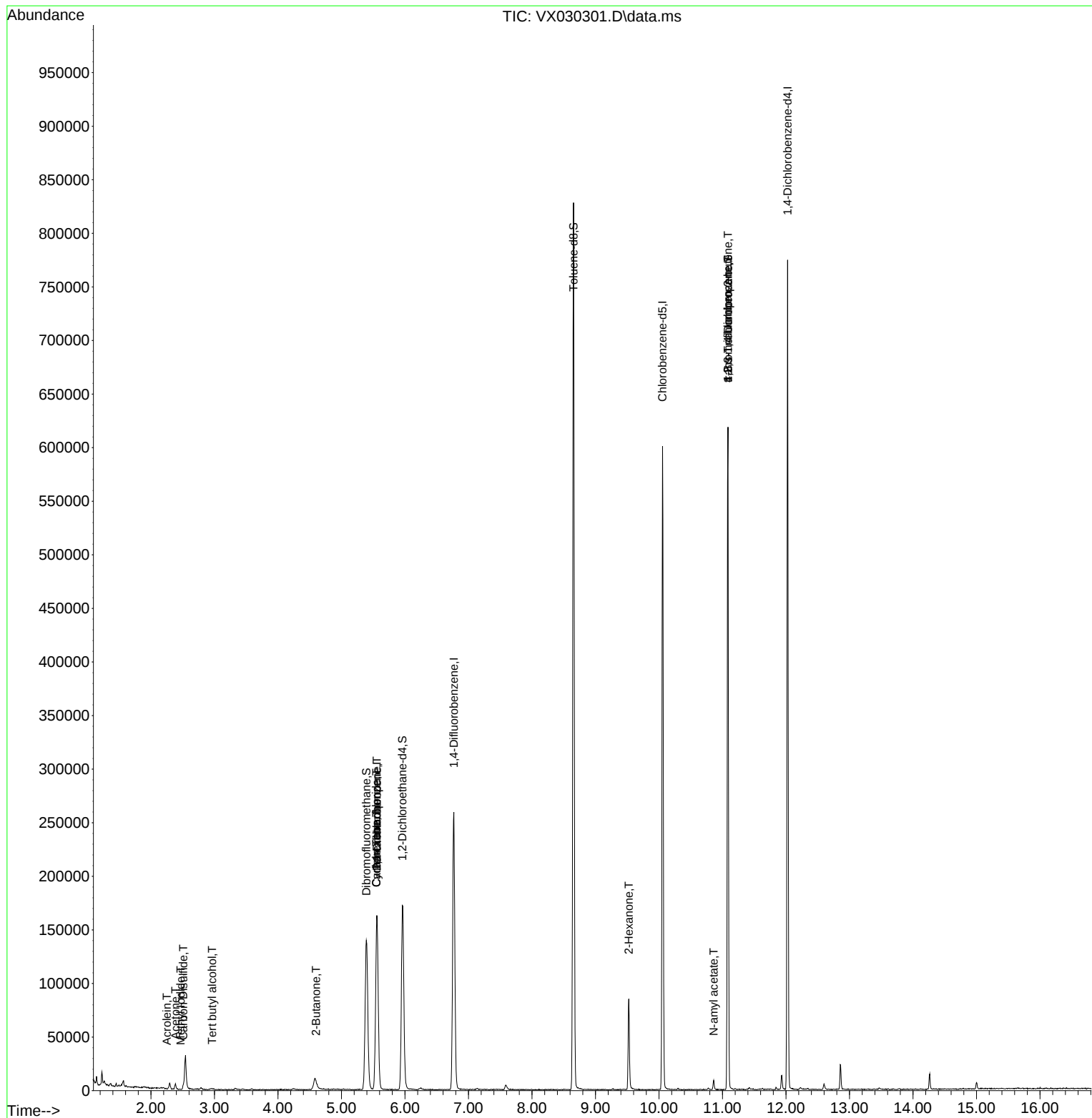
Internal Standards						
1) Pentafluorobenzene	5.556	168	149513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163136	54.286	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.580%		
35) Dibromofluoromethane	5.391	113	128984	51.238	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.480%		
50) Toluene-d8	8.653	98	485993	49.851	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.700%		
62) 4-Bromofluorobenzene	11.086	95	168572	46.592	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 93.180%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	259	Below Cal		98
10) Methyl Iodide	2.465	142	176	1.598 ug/l	#	45
11) Tert butyl alcohol	2.965	59	1401	1.911 ug/l	#	74
13) Acrolein	2.252	56	206	1.143 ug/l	#	68
16) Acetone	2.386	43	5076	3.299 ug/l	#	79
17) Carbon Disulfide	2.508	76	5482	0.870 ug/l		98
20) Methylene Chloride	2.794	84	746	Below Cal	#	76
25) 2-Butanone	4.599	43	1428	0.552 ug/l		95
31) Cyclohexane	5.550	56	3668	0.841 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	13391	3.696 ug/l	#	46
38) Carbon Tetrachloride	5.550	117	15938	4.713 ug/l	#	18
59) 2-Hexanone	9.525	43	12283	3.049 ug/l	#	47
67) Ethyl Benzene	10.195	91	118	Below Cal	#	43
74) N-amyl acetate	10.860	43	1295	0.229 ug/l	#	14
76) 1,2,3-Trichloropropane	11.086	75	84281	21.465 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.086	75	84281	64.393 ug/l	#	12

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

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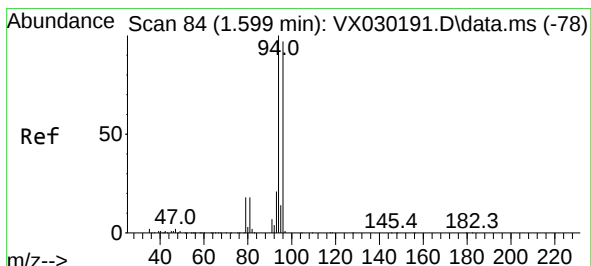
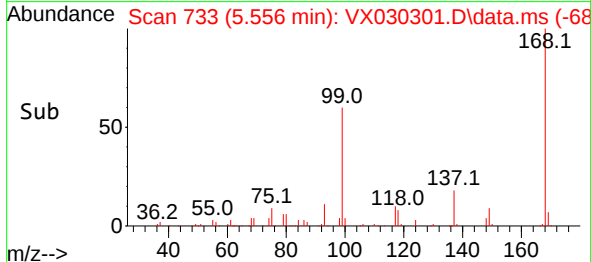
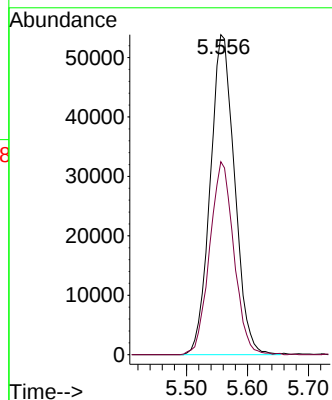
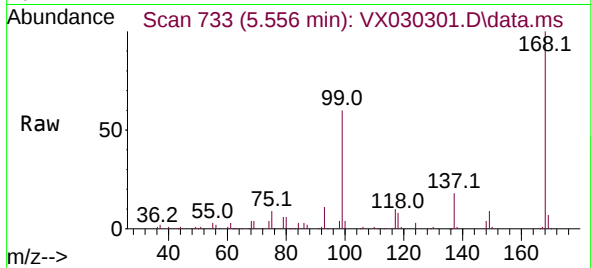




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

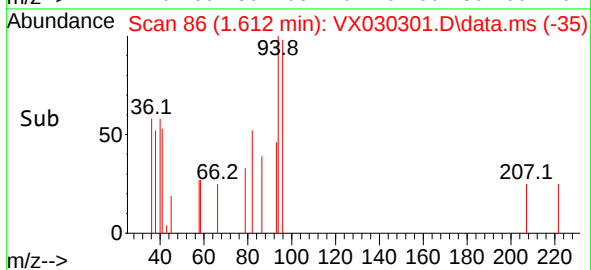
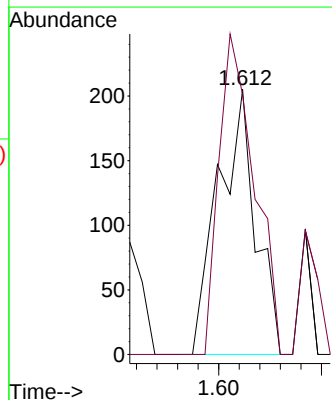
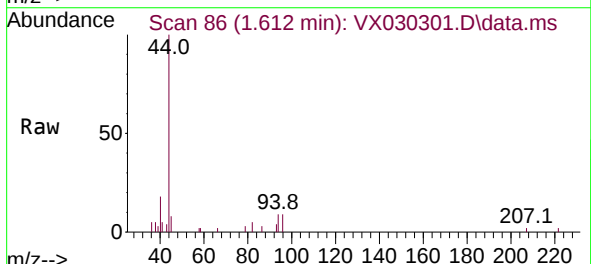
Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

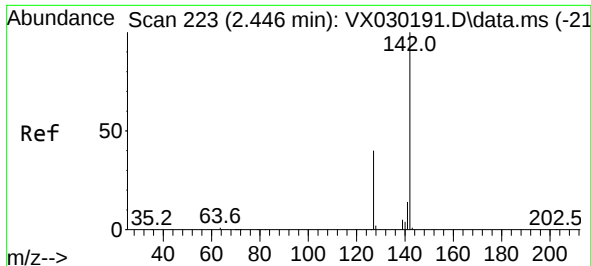
Tgt Ion:168 Resp: 149513
Ion Ratio Lower Upper
168 100
99 60.3 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 98.0 76.9 115.3

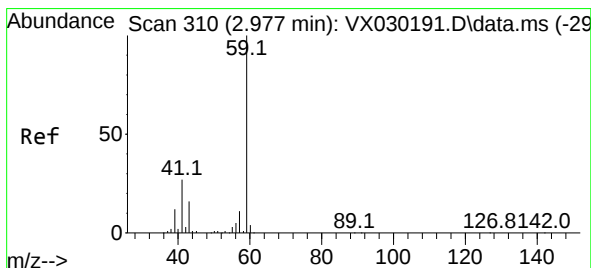
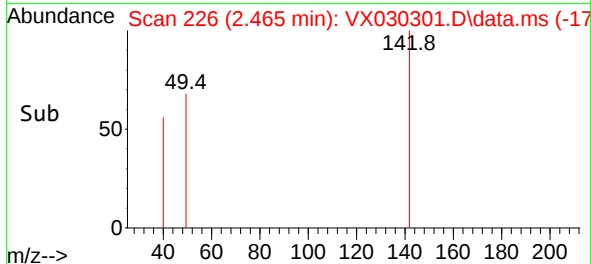
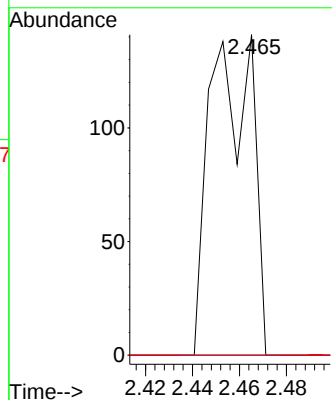
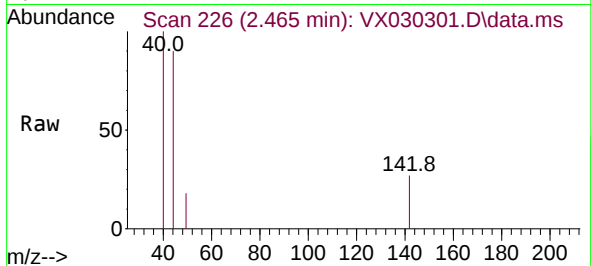




#10
Methyl Iodide
Concen: 1.598 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

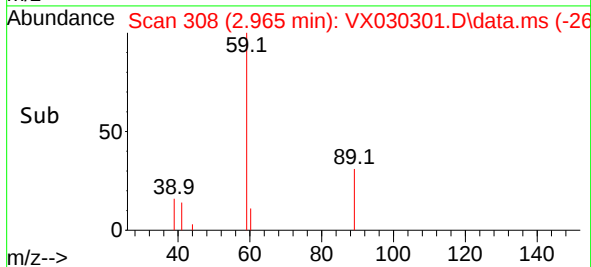
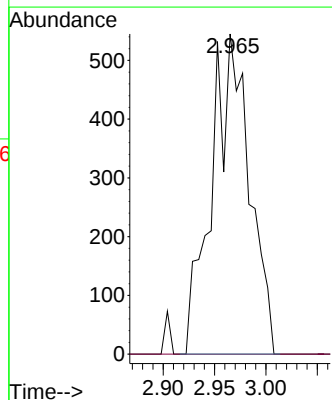
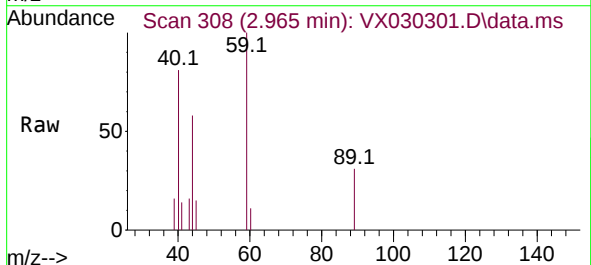
Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

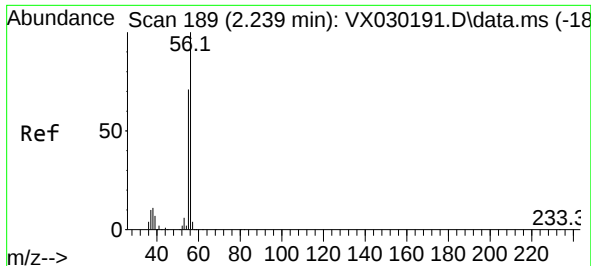
Tgt Ion:142 Resp: 176
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.911 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 59 Resp: 1401
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

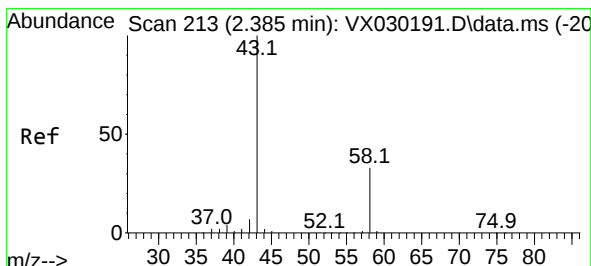
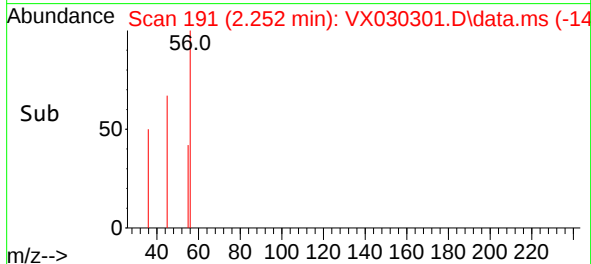
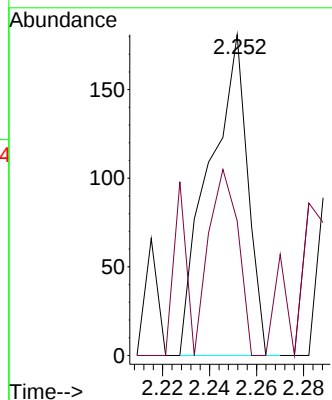
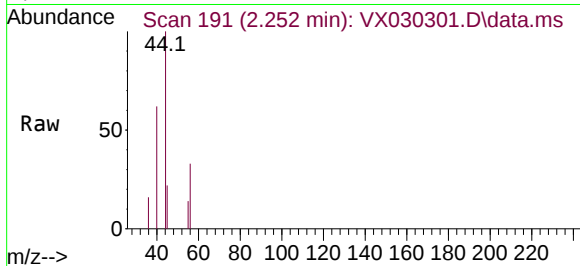




#13
Acrolein
Concen: 1.143 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

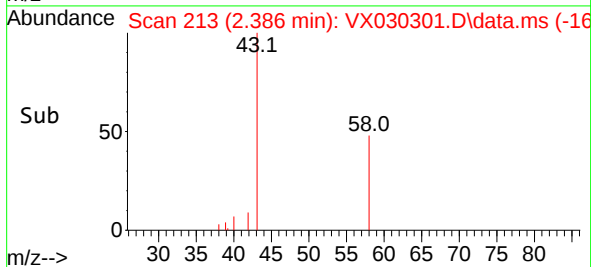
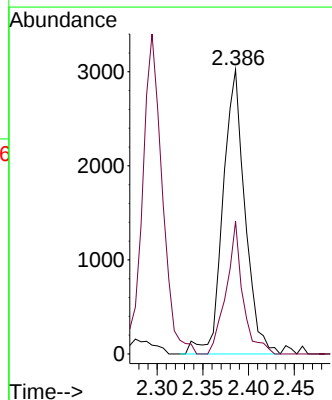
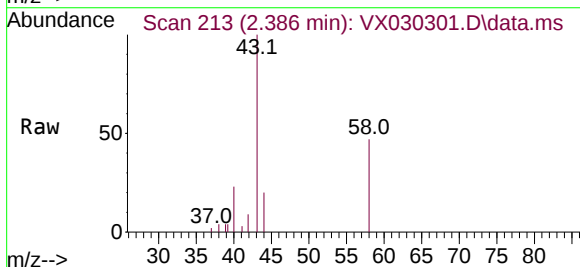
Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

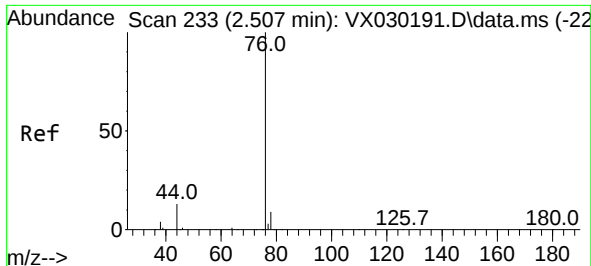
Tgt Ion: 56 Resp: 206
Ion Ratio Lower Upper
56 100
55 44.2 56.6 84.8#



#16
Acetone
Concen: 3.299 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 43 Resp: 5076
Ion Ratio Lower Upper
43 100
58 46.7 27.7 41.5#

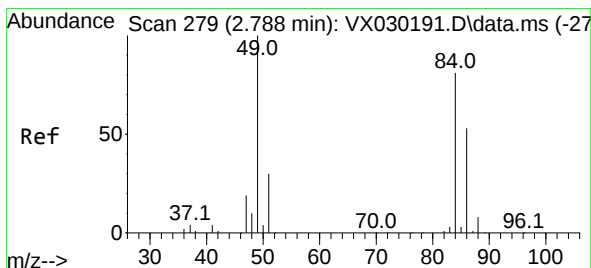
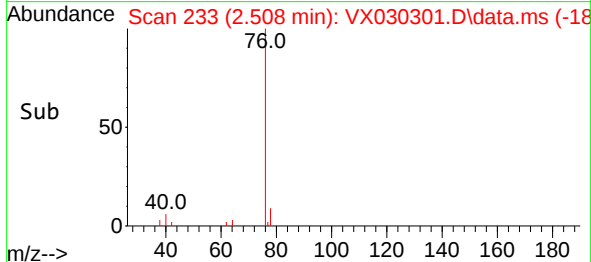
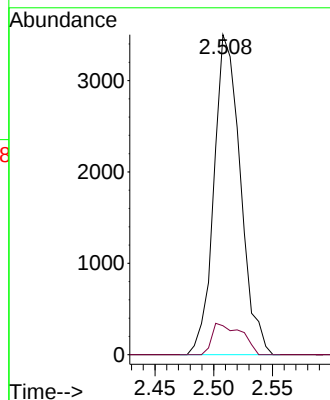
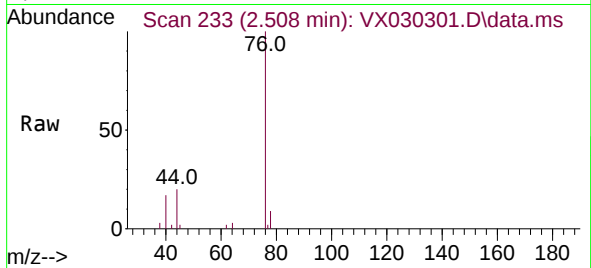




#17
Carbon Disulfide
Concen: 0.870 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

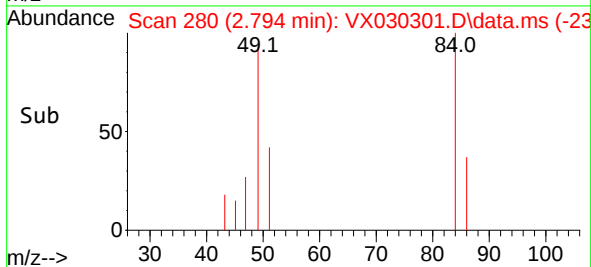
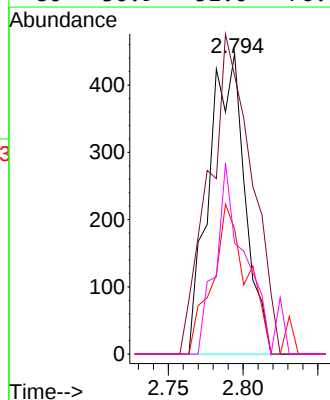
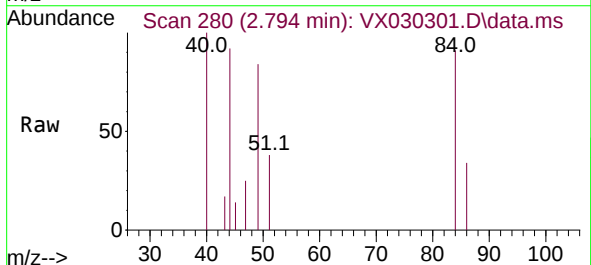
Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

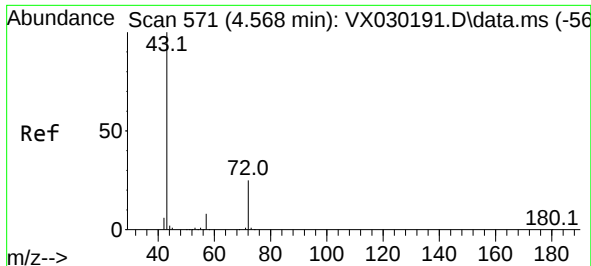
Tgt Ion: 76 Resp: 5482
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 84 Resp: 746
Ion Ratio Lower Upper
84 100
49 92.6 93.8 140.6#
51 41.6 29.4 44.0
86 36.9 51.0 76.4#





#25

2-Butanone

Concen: 0.552 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.031 min

Lab File: VX030301.D

Acq: 29 Jul 2022 14:35

Instrument :

MSVOA_X

ClientSampleId :

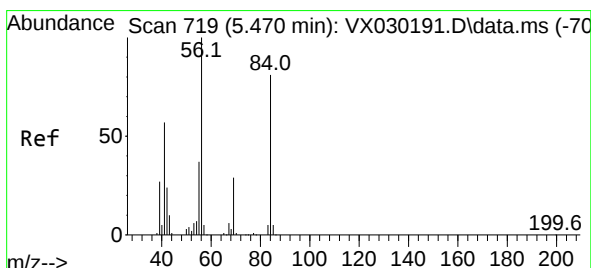
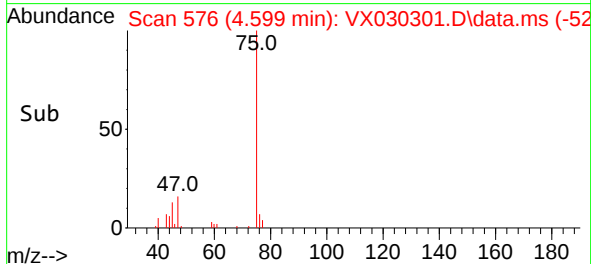
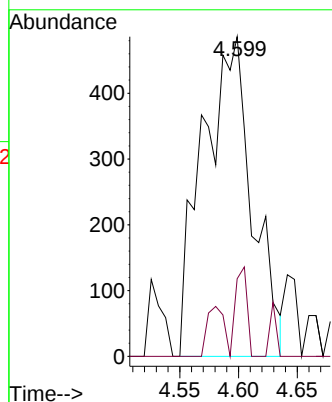
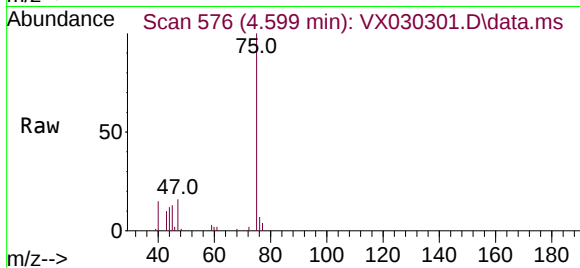
SVE-VZC-D4BR-62

Tgt Ion: 43 Resp: 1428

Ion Ratio Lower Upper

43 100

72 24.3 21.7 32.5



#31

Cyclohexane

Concen: 0.841 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX030301.D

Acq: 29 Jul 2022 14:35

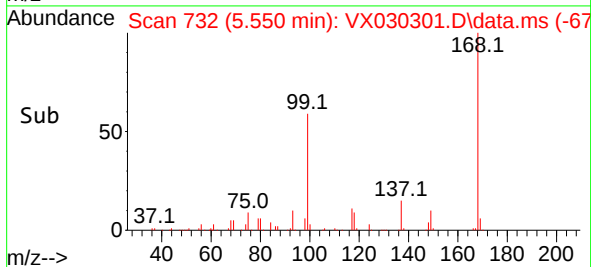
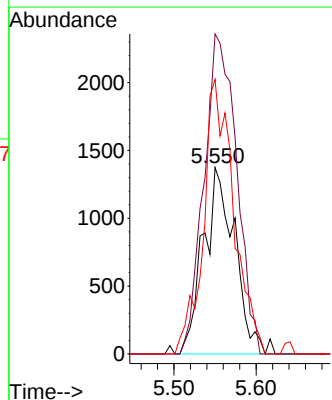
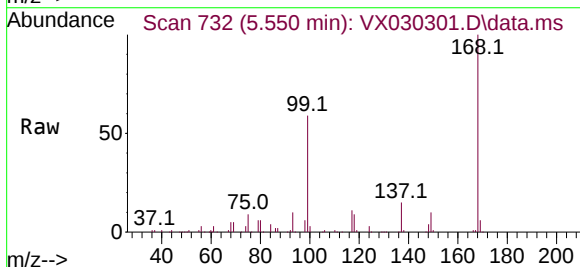
Tgt Ion: 56 Resp: 3668

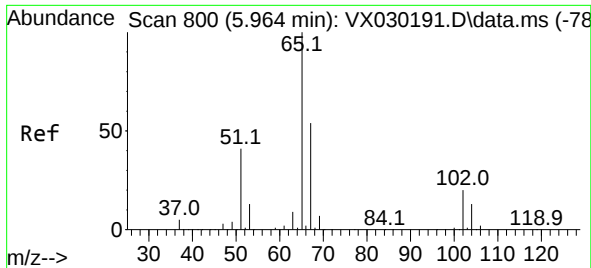
Ion Ratio Lower Upper

56 100

69 171.7 25.4 38.0#

84 147.3 68.9 103.3#

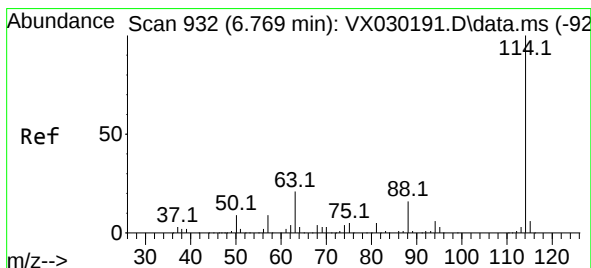
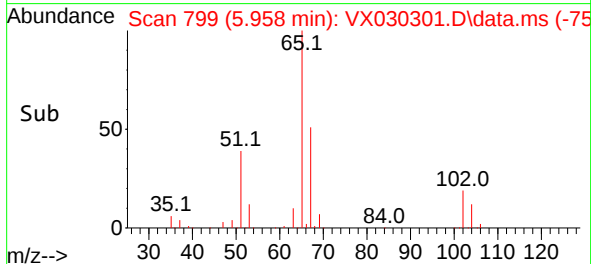
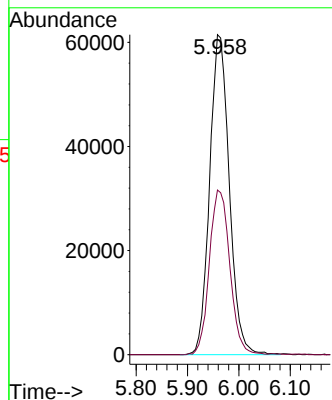
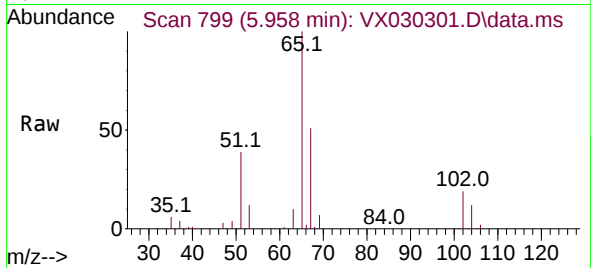




#33
 1,2-Dichloroethane-d4
 Concen: 54.286 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX030301.D
 Acq: 29 Jul 2022 14:35

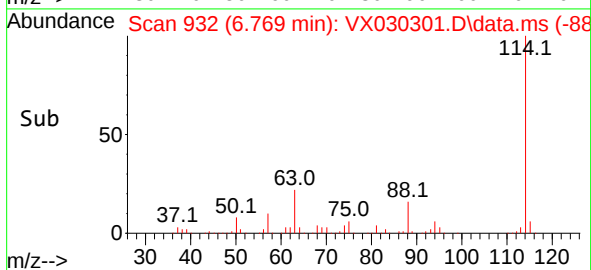
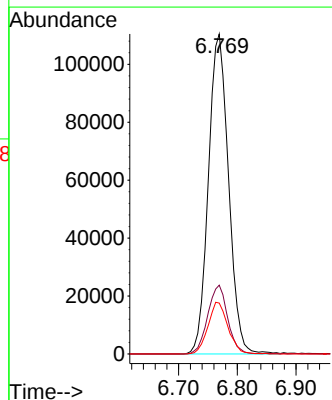
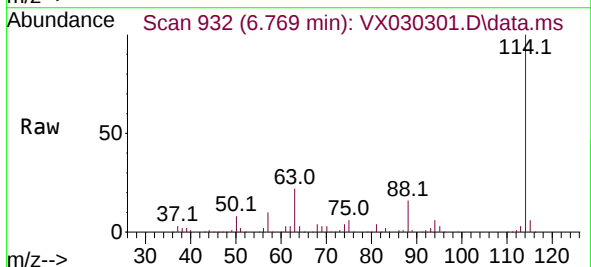
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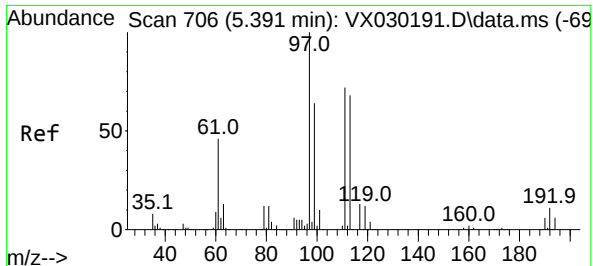
Tgt Ion: 65 Resp: 163136
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030301.D
 Acq: 29 Jul 2022 14:35

Tgt Ion: 114 Resp: 263337
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 38.4
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.238 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030301.D

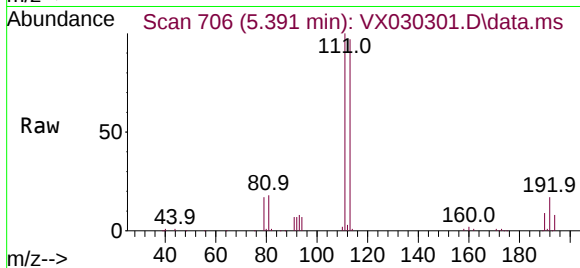
Acq: 29 Jul 2022 14:35

Instrument :

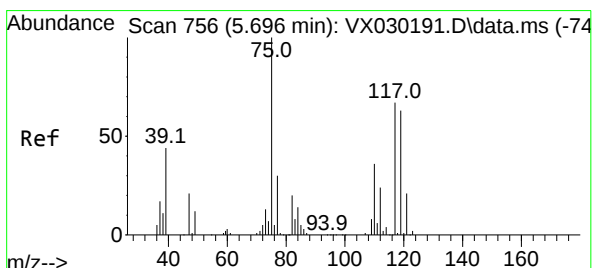
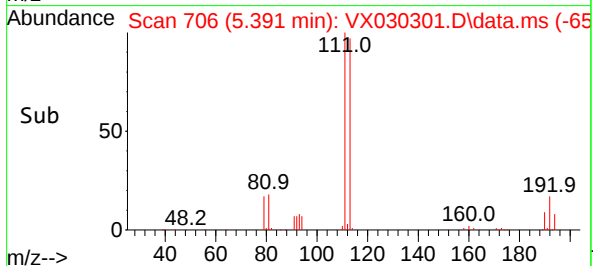
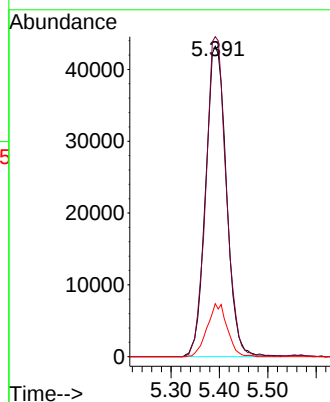
MSVOA_X

ClientSampleId :

SVE-VZC-D4BR-62



Tgt Ion:	113	Resp:	128984
Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.2	124.8
192	16.5	14.8	22.2



#36

1,1-Dichloropropene

Concen: 3.696 ug/l

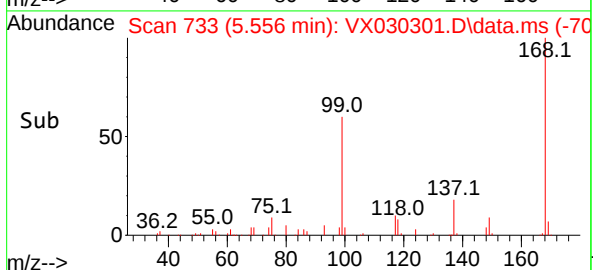
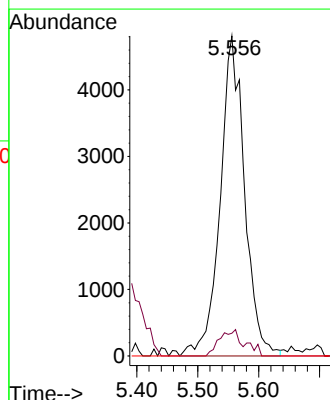
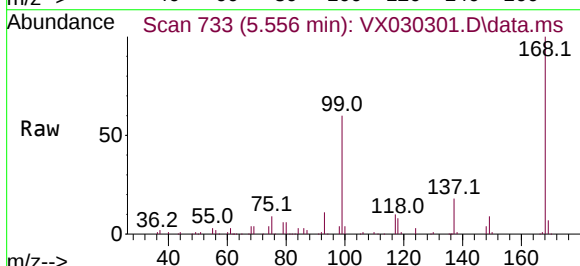
RT: 5.556 min Scan# 733

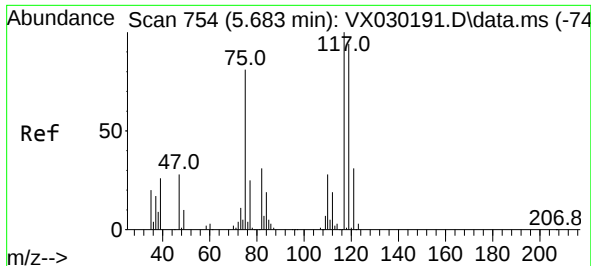
Delta R.T. -0.140 min

Lab File: VX030301.D

Acq: 29 Jul 2022 14:35

Tgt Ion:	75	Resp:	13391
Ion	Ratio	Lower	Upper
75	100		
110	6.6	19.3	57.9#
77	0.0	24.4	36.6#

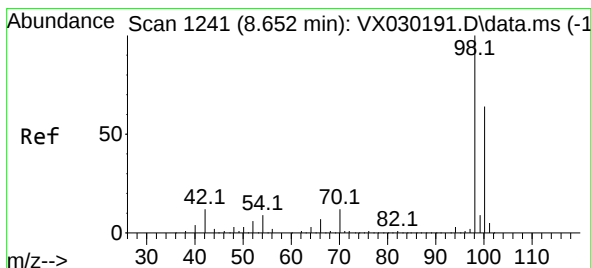
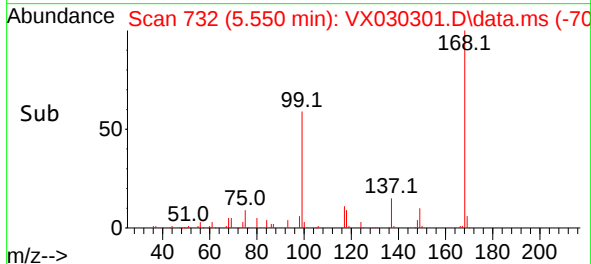
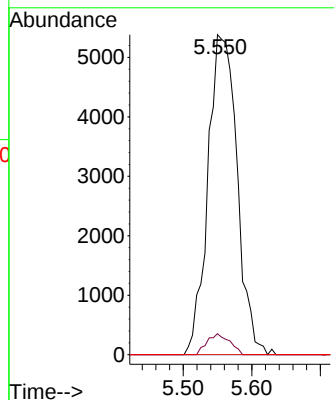
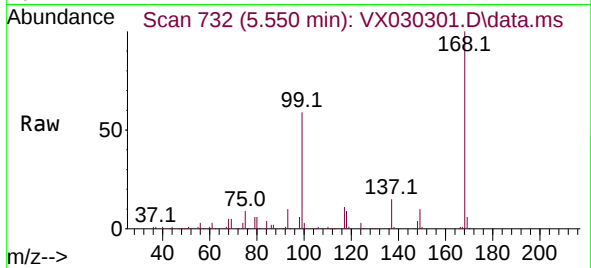




#38
Carbon Tetrachloride
Concen: 4.713 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

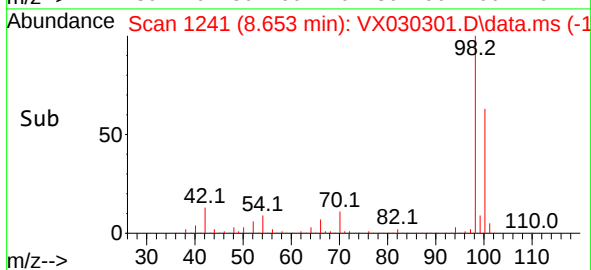
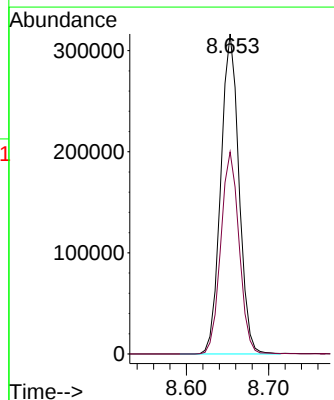
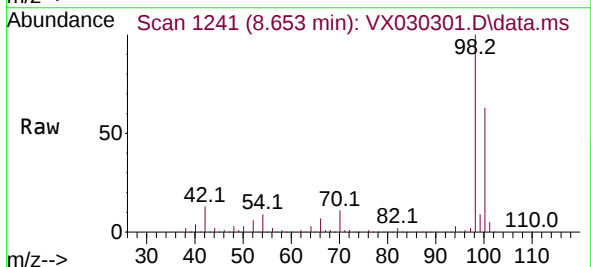
Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

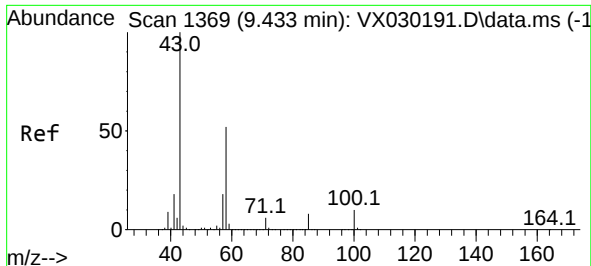
Tgt Ion:117 Resp: 15938
Ion Ratio Lower Upper
117 100
119 6.5 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 49.851 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 98 Resp: 485993
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5

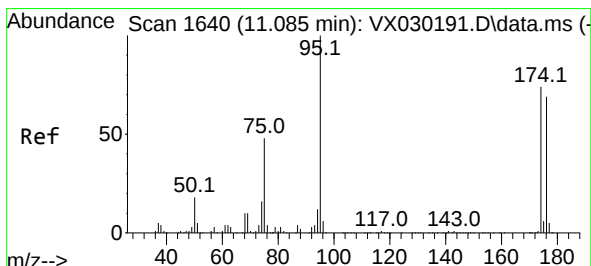
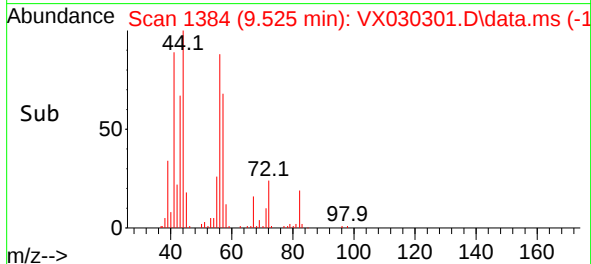
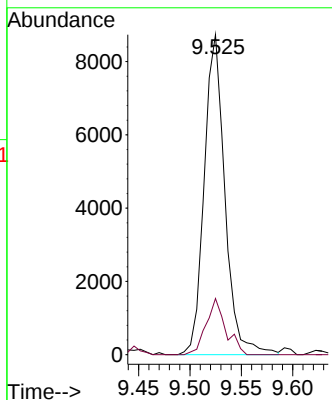
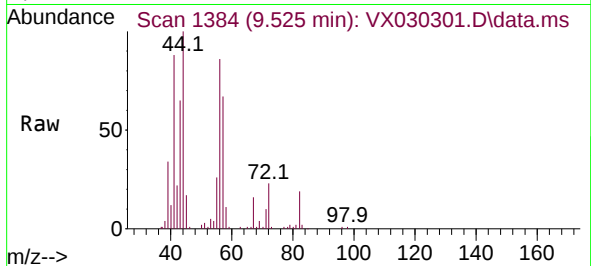




#59
2-Hexanone
Concen: 3.049 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.092 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

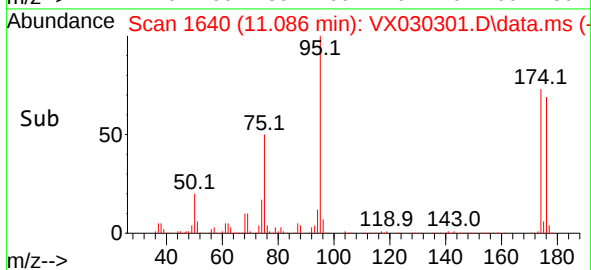
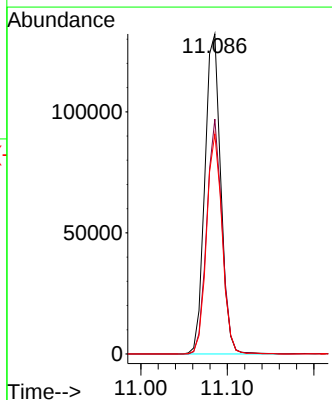
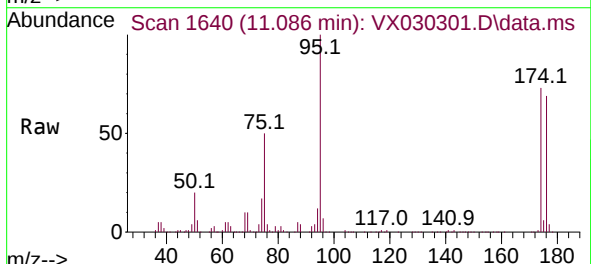
Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

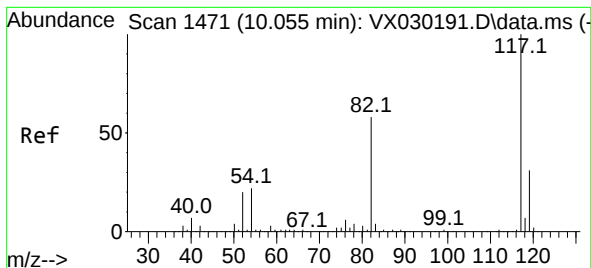
Tgt Ion: 43 Resp: 12283
Ion Ratio Lower Upper
43 100
58 16.6 27.6 82.8#



#62
4-Bromofluorobenzene
Concen: 46.592 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.001 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 95 Resp: 168572
Ion Ratio Lower Upper
95 100
174 70.8 0.0 149.0
176 67.3 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: VX030301.D

Acq: 29 Jul 2022 14:35

Instrument :

MSVOA_X

ClientSampleId :

SVE-VZC-D4BR-62

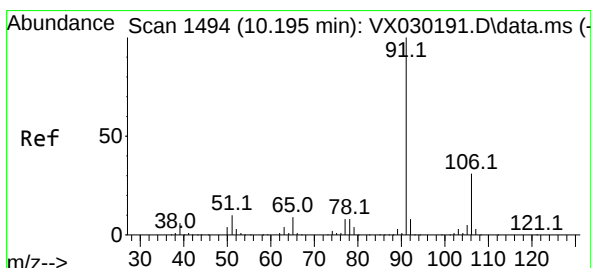
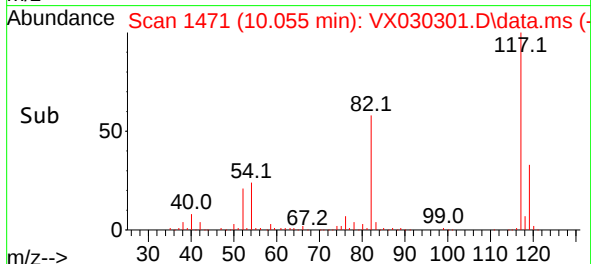
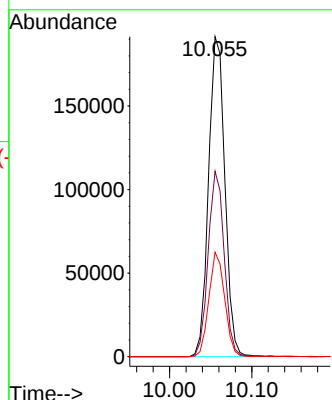
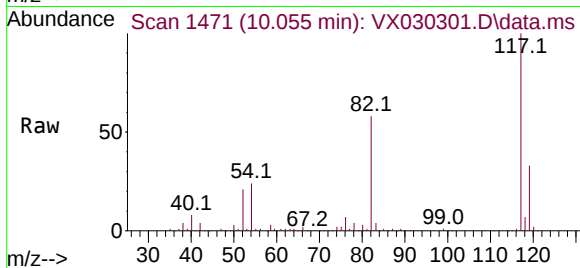
Tgt Ion:117 Resp: 264188

Ion Ratio Lower Upper

117 100

82 58.0 42.7 64.1

119 32.7 25.4 38.2



#67

Ethyl Benzene

Concen: Below Cal

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030301.D

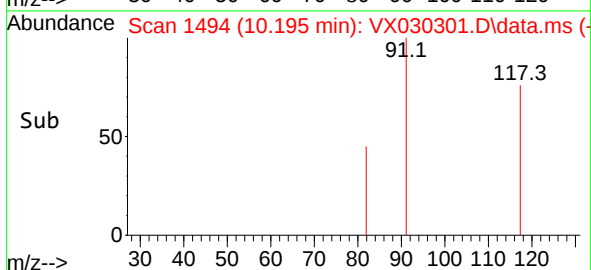
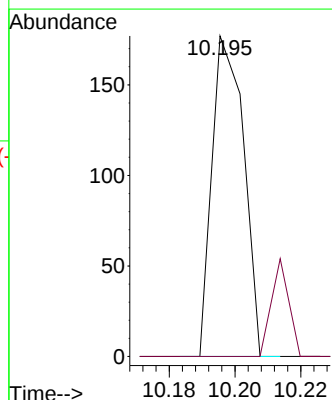
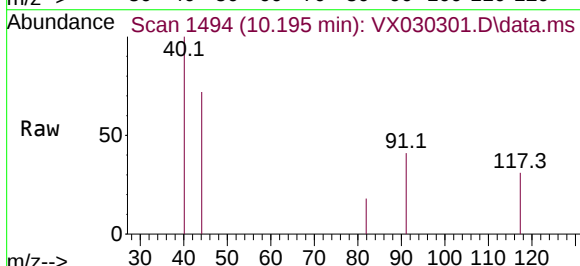
Acq: 29 Jul 2022 14:35

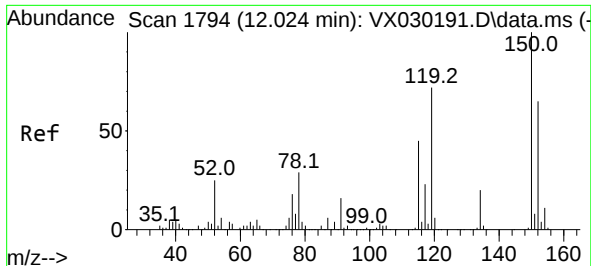
Tgt Ion: 91 Resp: 118

Ion Ratio Lower Upper

91 100

106 0.0 25.5 38.3#

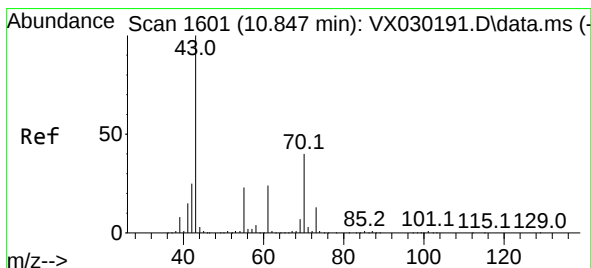
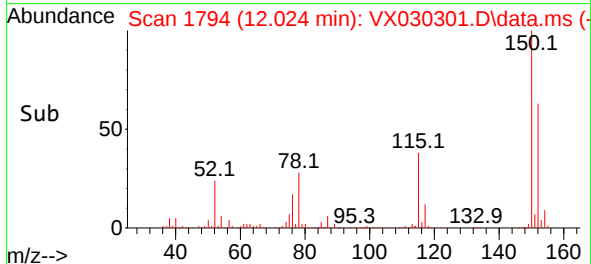
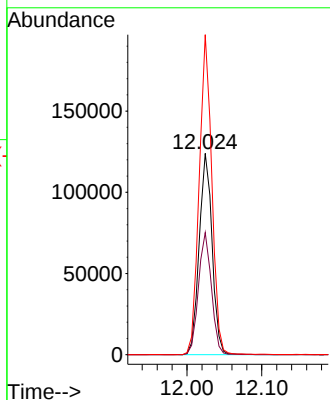
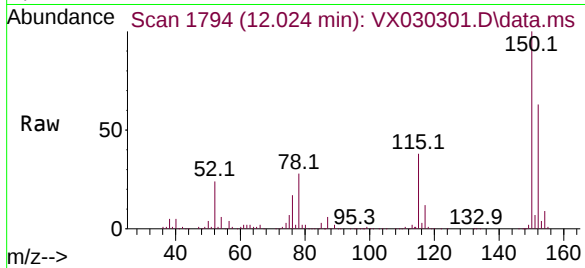




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

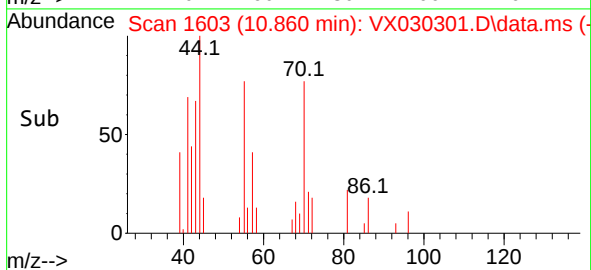
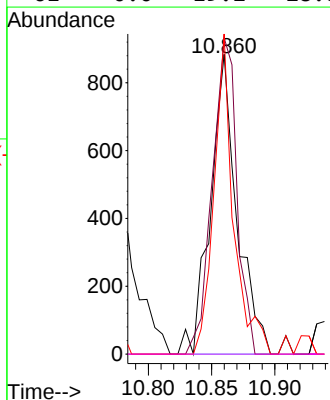
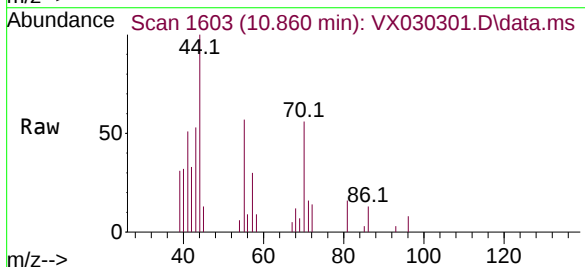
Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

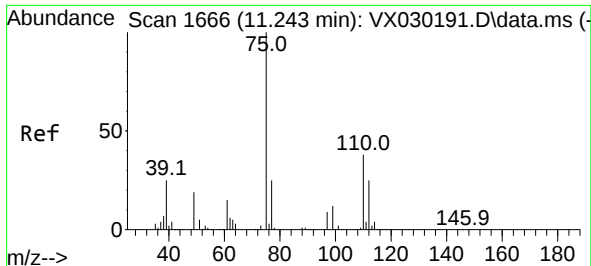
Tgt Ion:152 Resp: 148959
Ion Ratio Lower Upper
152 100
115 60.8 40.5 121.5
150 154.8 0.0 347.0



#74
N-ethyl acetate
Concen: 0.229 ug/l
RT: 10.860 min Scan# 1603
Delta R.T. 0.013 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
70 97.5 32.3 48.5#
55 78.5 18.4 27.6#
61 0.0 19.2 28.8#

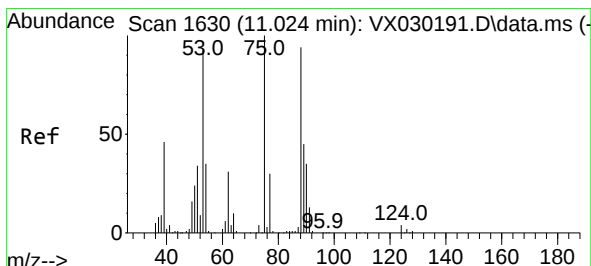
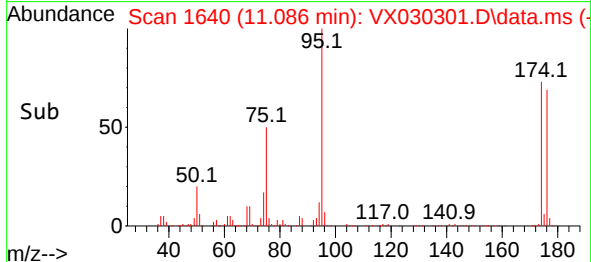
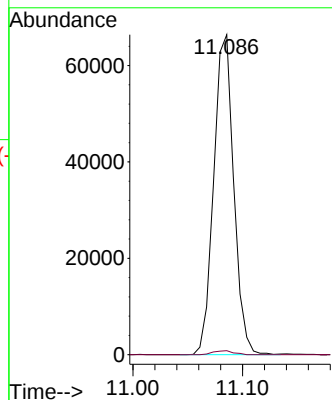
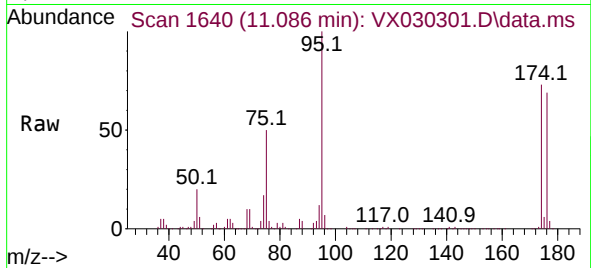




#76
1,2,3-Trichloropropane
Concen: 21.465 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.157 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Instrument :
MSVOA_X
ClientSampleId :
SVE-VZC-D4BR-62

Tgt Ion: 75 Resp: 84281
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.393 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX030301.D
Acq: 29 Jul 2022 14:35

Tgt Ion: 75 Resp: 84281
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

