

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042722\
 Data File : VX028385.D
 Acq On : 27 Apr 2022 17:52
 Operator : JC/MD
 Sample : N2577-07ME
 Misc : 7.33g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GT-04-(25-30)ME

Quant Time: Apr 28 04:25:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

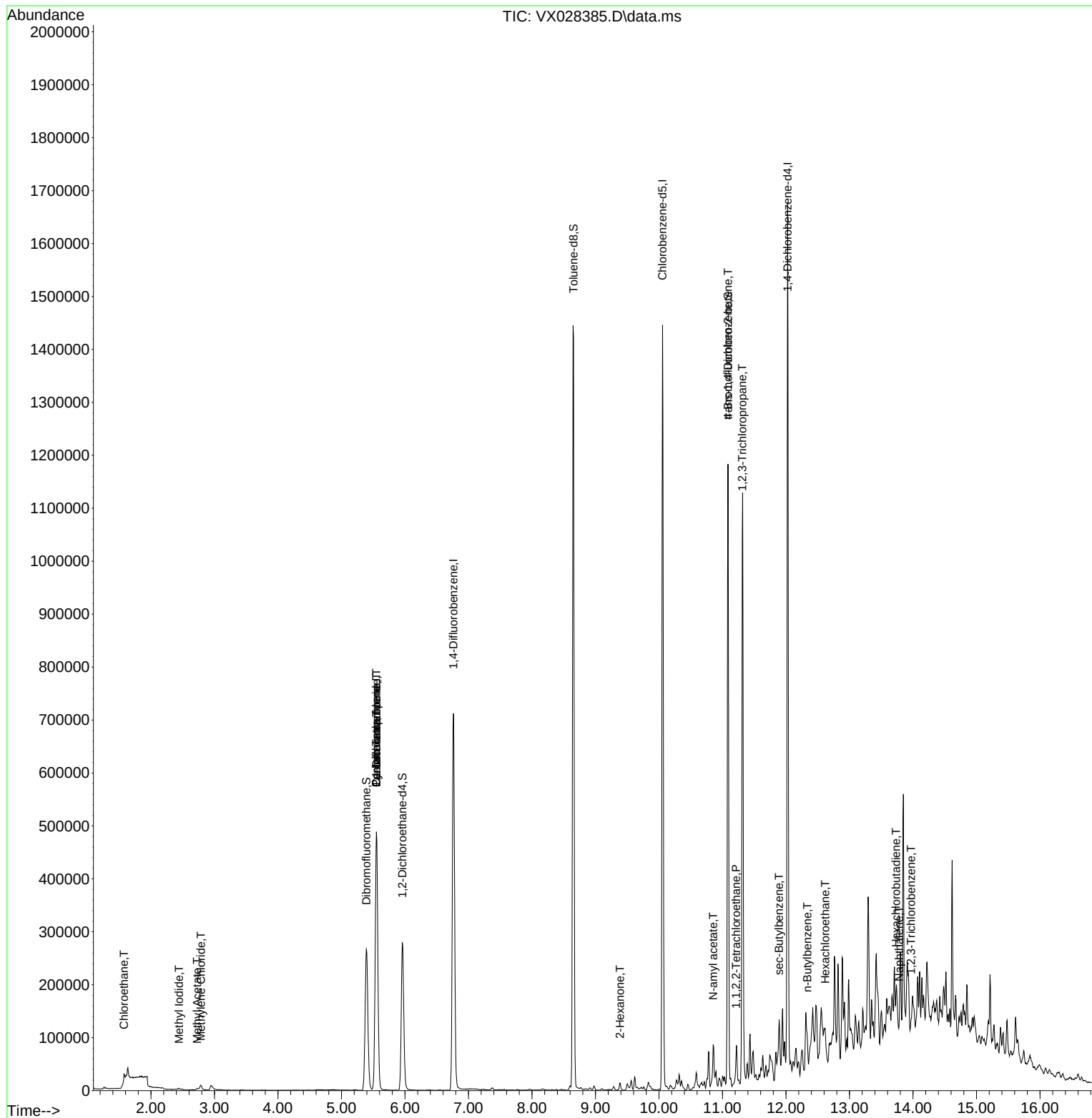
Internal Standards						
1) Pentafluorobenzene	5.550	168	492778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	801667	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	722627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	355669	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	268118	41.729	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.460%
35) Dibromofluoromethane	5.391	113	242300	43.098	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	86.200%
50) Toluene-d8	8.653	98	916027	42.422	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	84.840%
62) 4-Bromofluorobenzene	11.086	95	323109	39.135	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	78.260%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	453	Below Cal	#	80
5) Bromomethane	1.612	94	2321	Below Cal		93
6) Chloroethane	1.575	64	14510	0.911 ug/l	#	54
8) Diethyl Ether	2.124	74	100	Below Cal		85
10) Methyl Iodide	2.441	142	1745	5.521 ug/l		99
11) Tert butyl alcohol	2.947	59	7413	Below Cal	#	72
16) Acetone	2.368	43	245	Below Cal	#	39
18) Methyl Acetate	2.727	43	5457	0.955 ug/l		94
20) Methylene Chloride	2.788	84	4681	0.982 ug/l		87
31) Cyclohexane	5.550	56	9059	1.157 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	35055	4.780 ug/l	#	49
38) Carbon Tetrachloride	5.550	117	48966	5.915 ug/l	#	15
59) 2-Hexanone	9.385	43	4379	0.727 ug/l	#	20
74) N-amyl acetate	10.854	43	7356	0.871 ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	11.214	83	5883	0.742 ug/l	#	25
76) 1,2,3-Trichloropropane	11.311	75	7966	1.138 ug/l	#	63
81) trans-1,4-Dichloro-2-b...	11.086	75	162707	69.077 ug/l	#	15
85) sec-Butylbenzene	11.890	105	11020	0.431 ug/l		78
89) n-Butylbenzene	12.335	91	7083	0.391 ug/l		87
90) Hexachloroethane	12.616	117	2678	2.464 ug/l	#	10
94) Hexachlorobutadiene	13.731	225	1502	0.476 ug/l		85
95) Naphthalene	13.780	128	7511	0.319 ug/l	#	86
96) 1,2,3-Trichlorobenzene	13.969	180	3162	0.456 ug/l	#	1

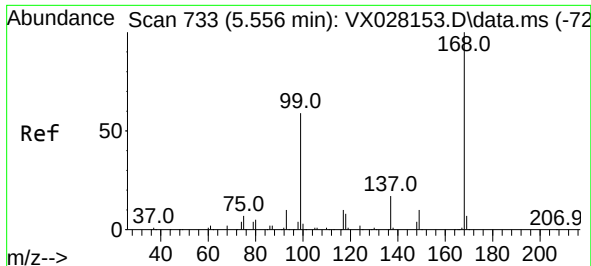
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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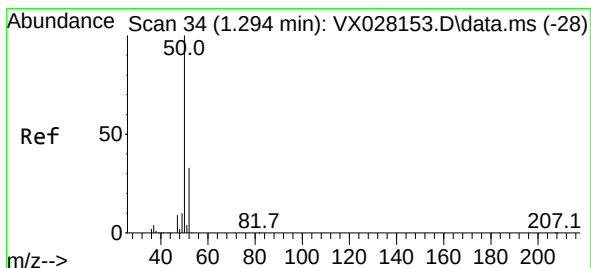
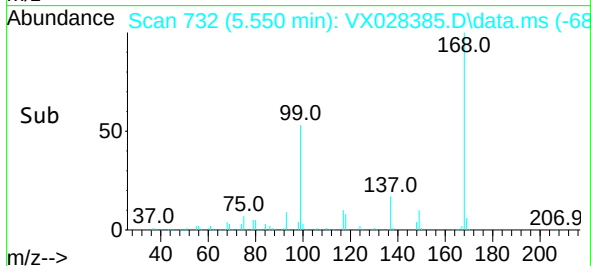
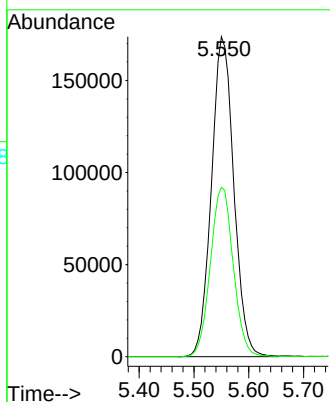
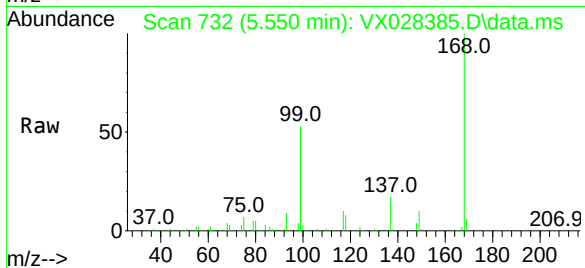




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

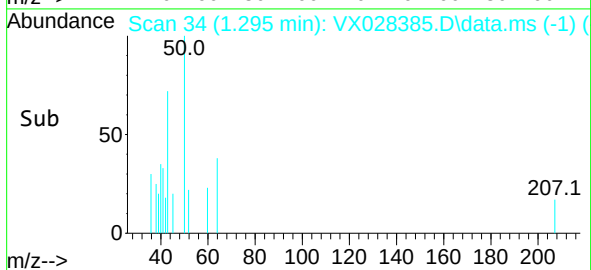
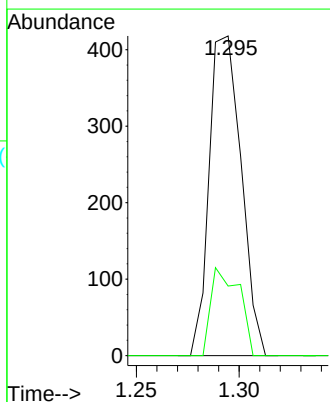
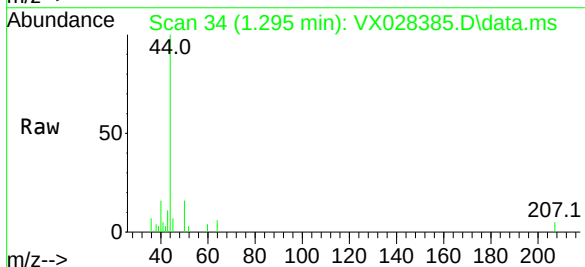
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

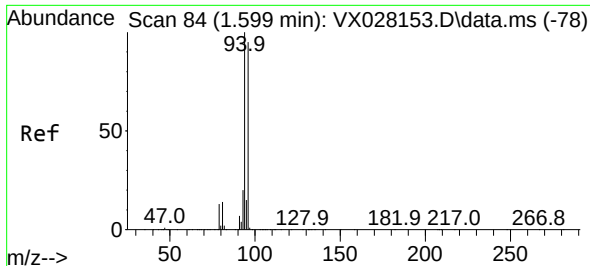
Tgt Ion:168 Resp: 492778
Ion Ratio Lower Upper
168 100
99 53.0 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 50 Resp: 453
Ion Ratio Lower Upper
50 100
52 21.8 26.4 39.6#

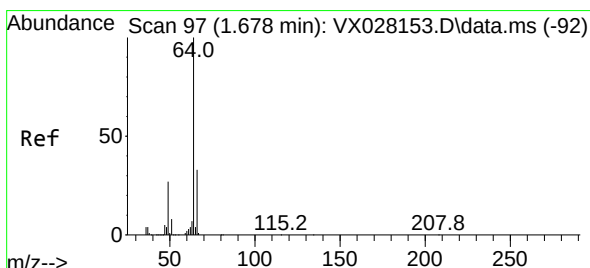
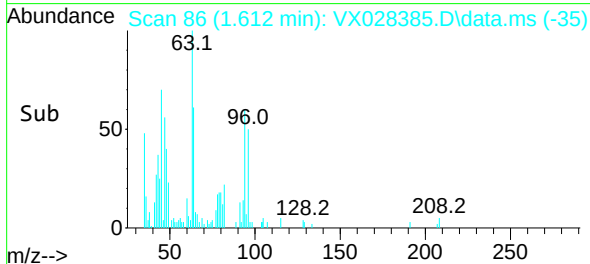
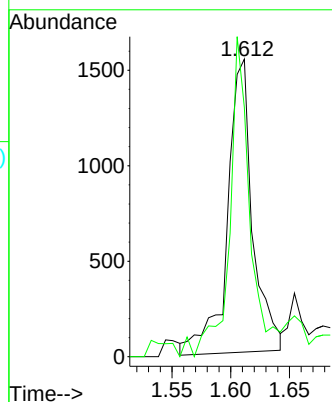
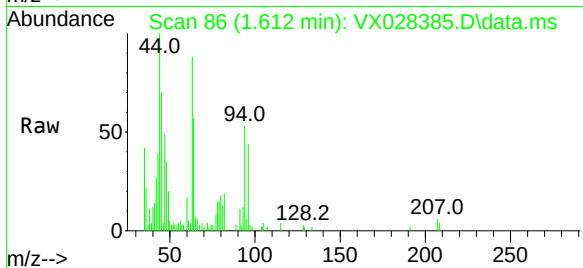




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

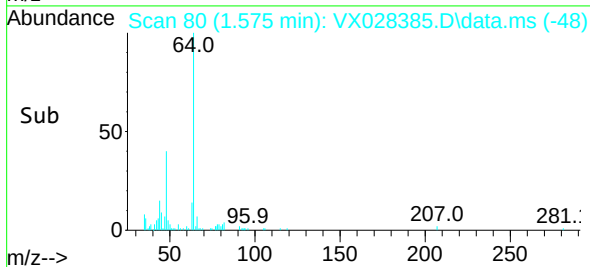
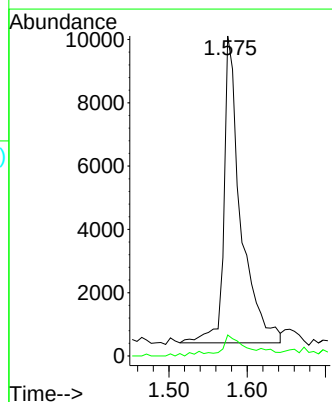
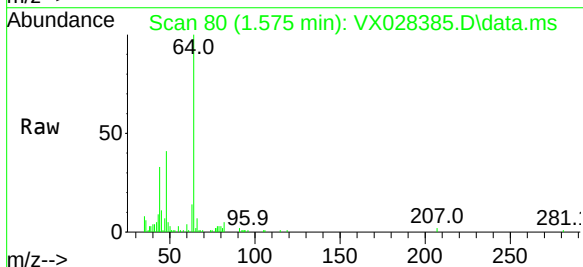
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

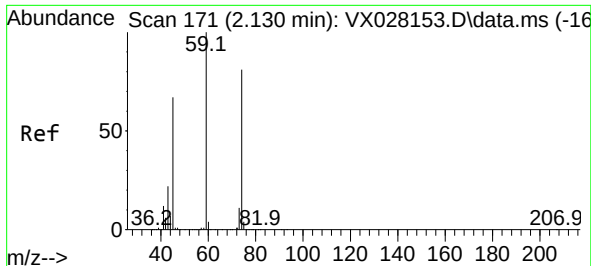
Tgt Ion: 94 Resp: 2321
Ion Ratio Lower Upper
94 100
96 87.6 75.3 112.9



#6
Chloroethane
Concen: 0.911 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.103 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

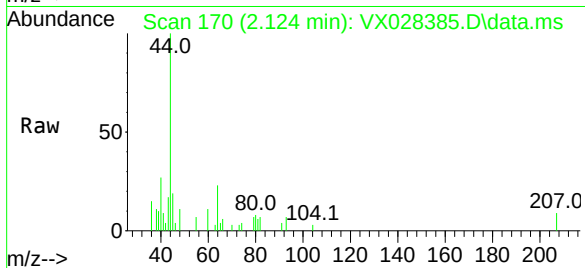
Tgt Ion: 64 Resp: 14510
Ion Ratio Lower Upper
64 100
66 6.1 25.3 37.9



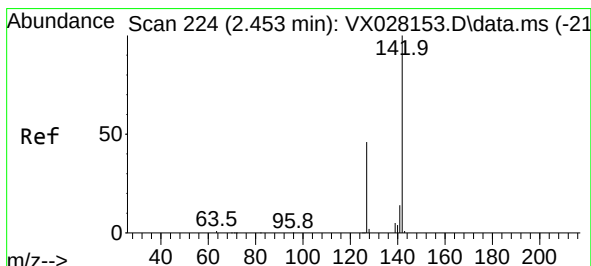
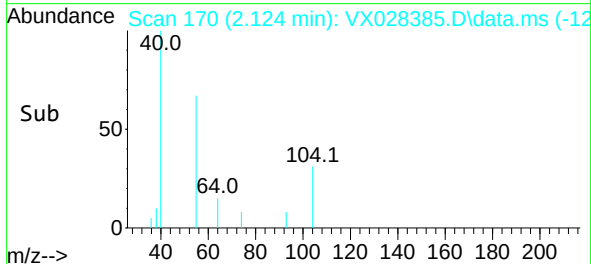
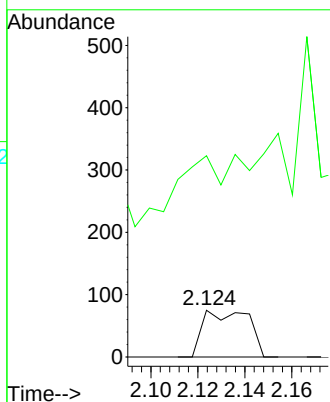


#8
Diethyl Ether
Concen: Below Cal
RT: 2.124 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

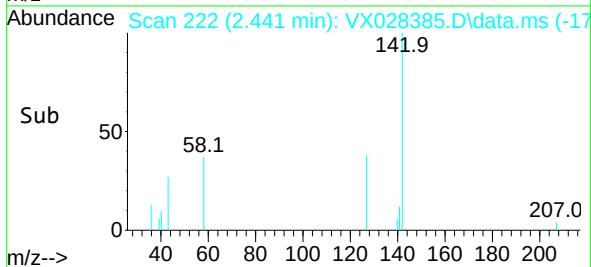
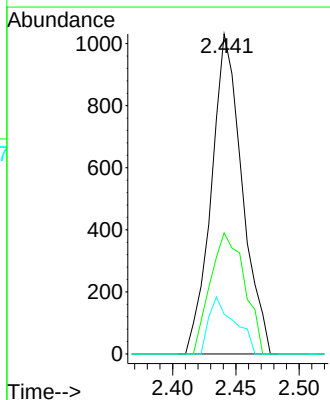
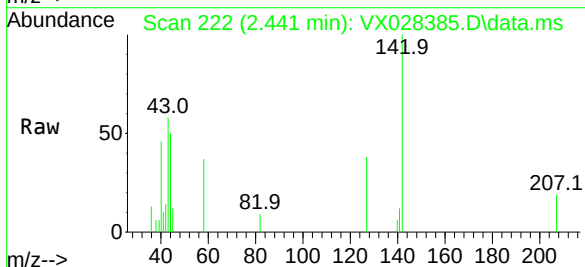


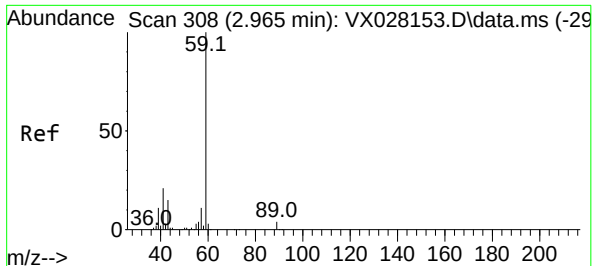
Tgt Ion: 74 Resp: 100
Ion Ratio Lower Upper
74 100
45 98.0 42.0 126.0



#10
Methyl Iodide
Concen: 5.521 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.012 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 142 Resp: 1745
Ion Ratio Lower Upper
142 100
127 42.1 33.9 50.9
141 14.9 11.4 17.2

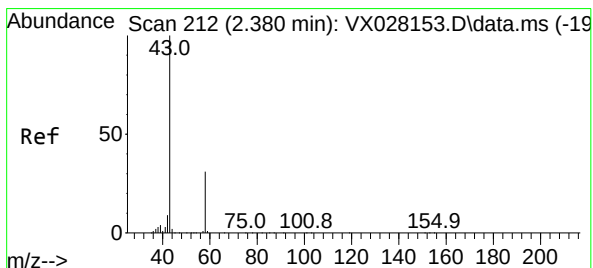
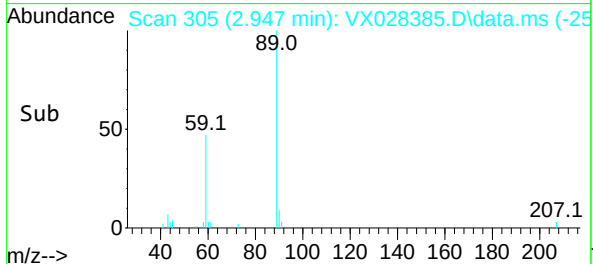
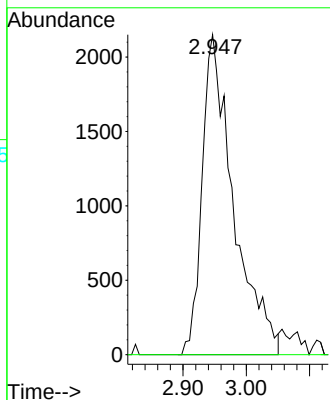
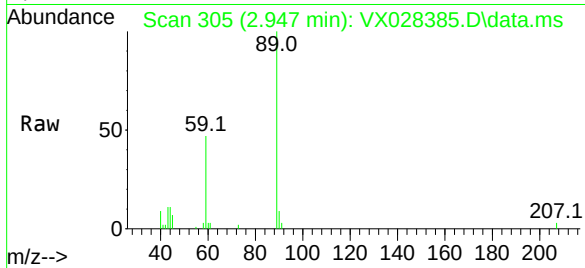




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

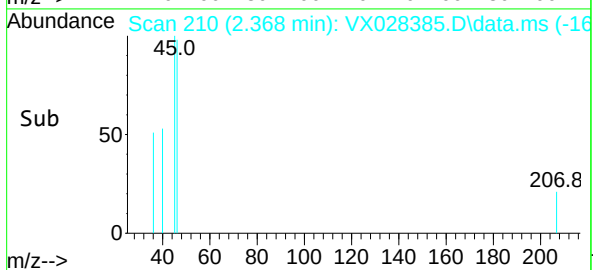
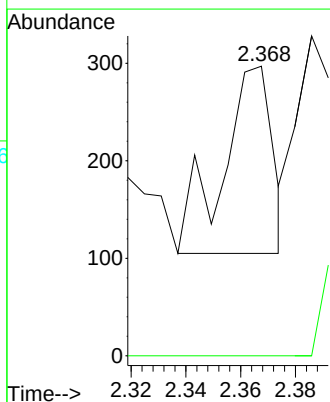
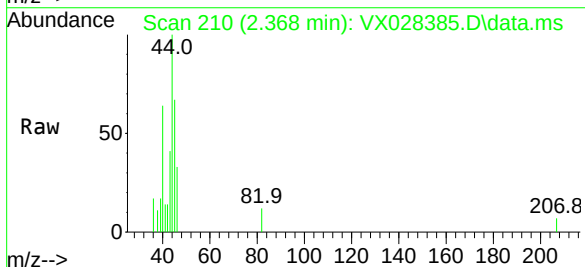
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

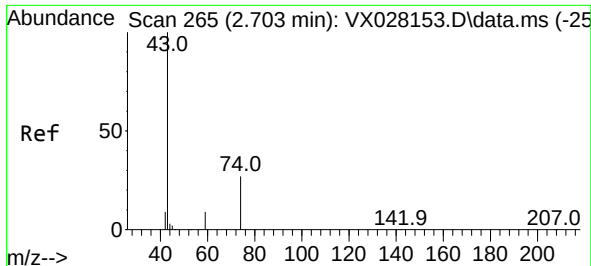
Tgt Ion: 59 Resp: 7413
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: Below Cal
RT: 2.368 min Scan# 210
Delta R.T. -0.012 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 43 Resp: 245
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#

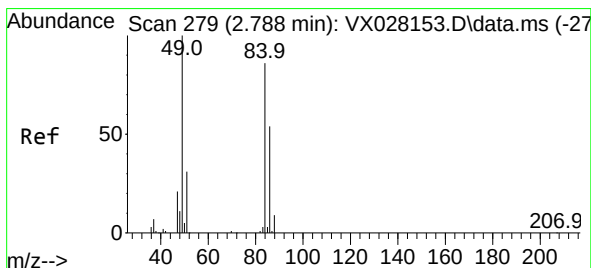
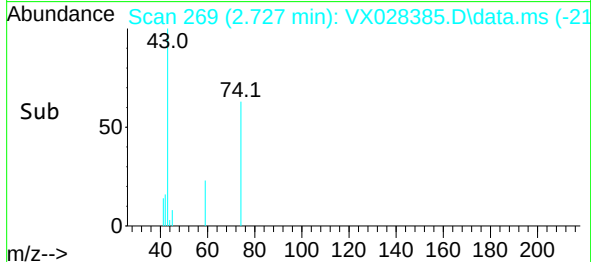
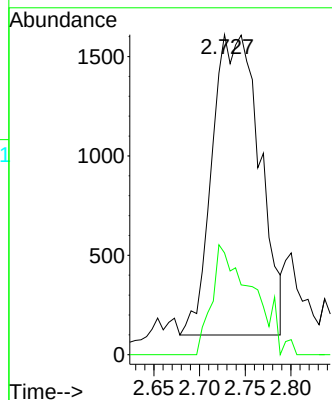
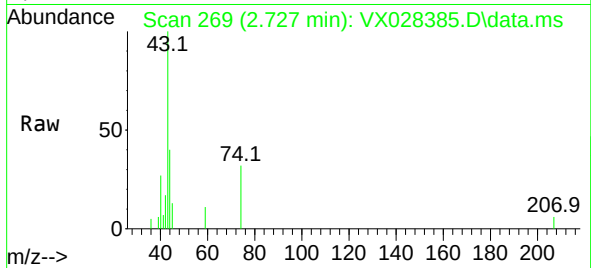




#18
Methyl Acetate
Concen: 0.955 ug/l
RT: 2.727 min Scan# 207
Delta R.T. 0.024 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

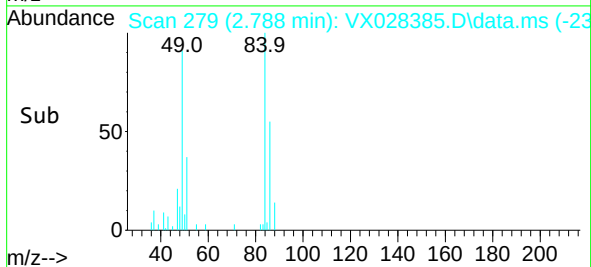
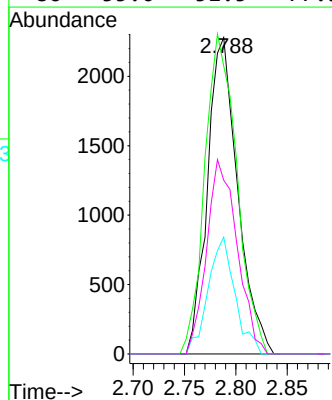
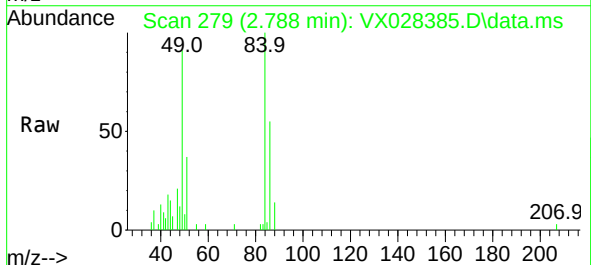
Instrument :
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ClientSampleId :
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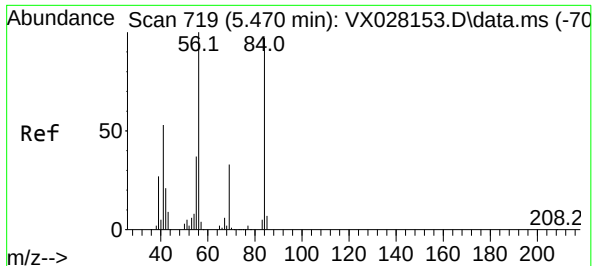
Tgt Ion: 43 Resp: 5457
Ion Ratio Lower Upper
43 100
74 31.7 22.8 34.2



#20
Methylene Chloride
Concen: 0.982 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 84 Resp: 4681
Ion Ratio Lower Upper
84 100
49 91.1 85.5 128.3
51 36.9 26.6 39.8
86 55.0 51.5 77.3

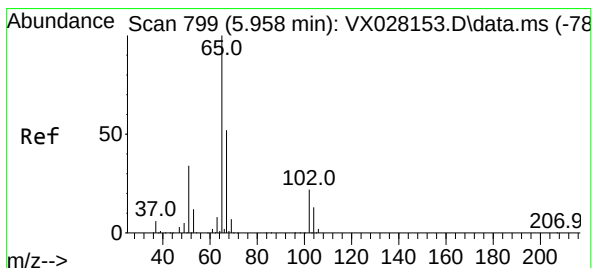
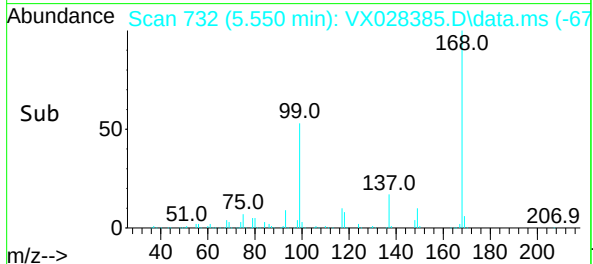
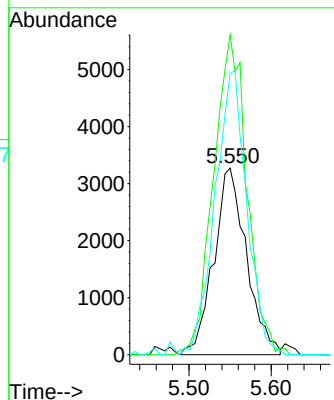
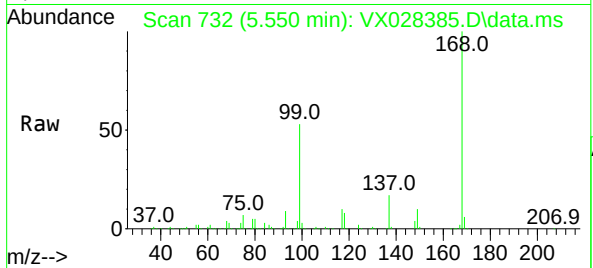




#31
Cyclohexane
Concen: 1.157 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

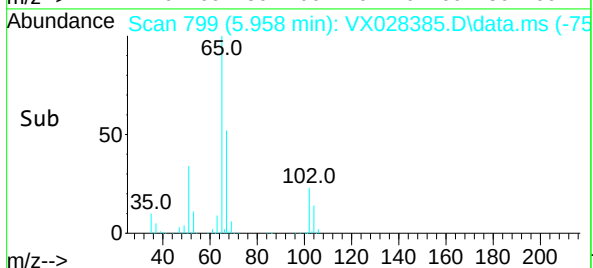
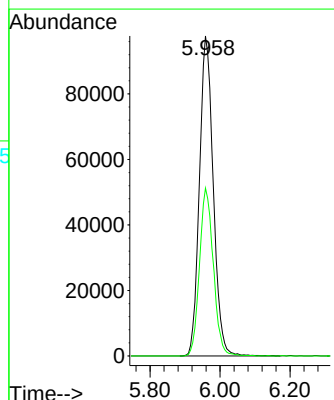
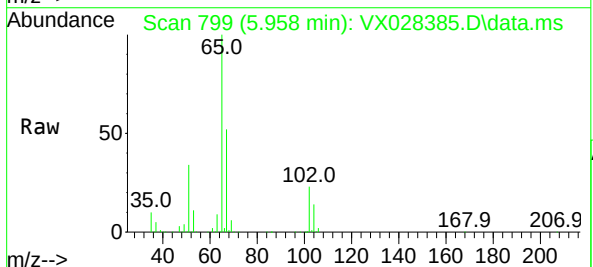
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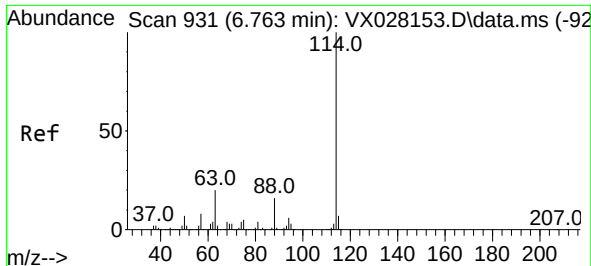
Tgt Ion: 56 Resp: 9059
Ion Ratio Lower Upper
56 100
69 169.0 26.7 40.1#
84 150.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.729 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 65 Resp: 268118
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.4

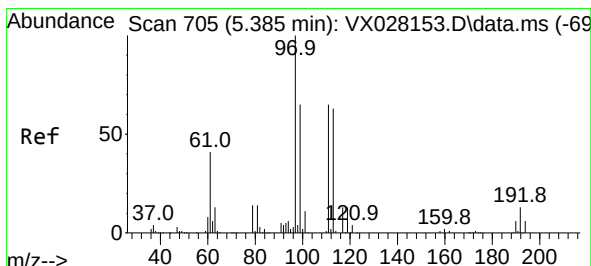
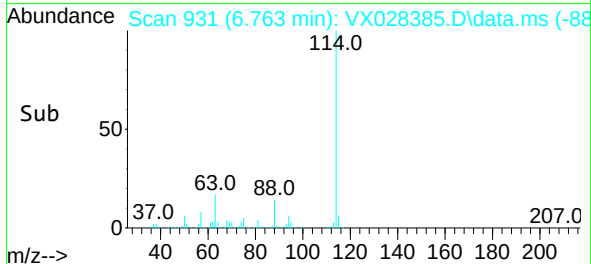
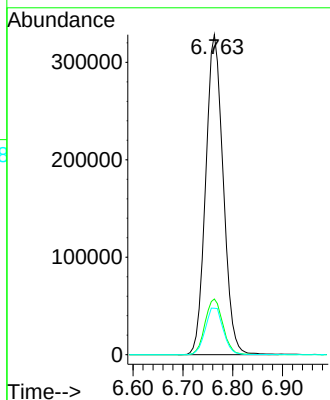
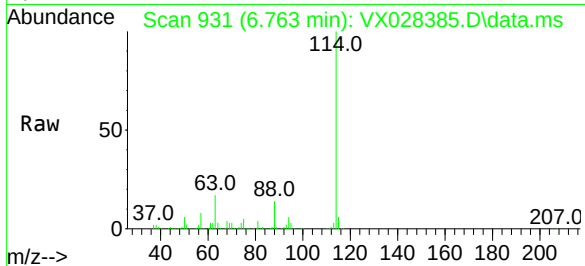




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

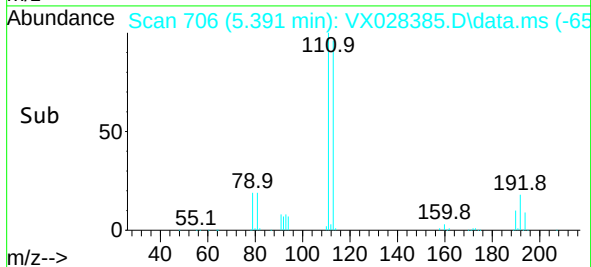
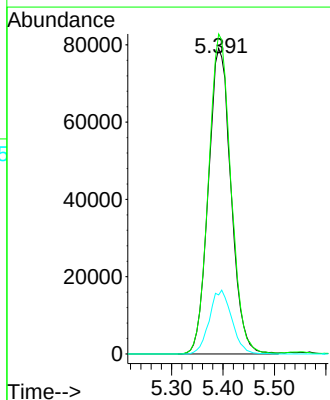
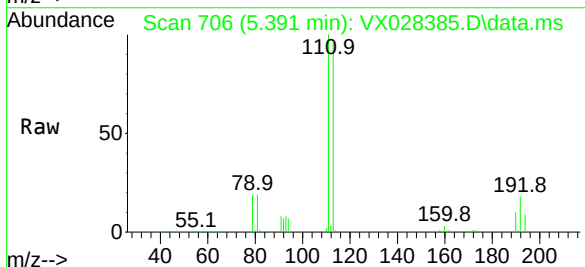
Instrument :
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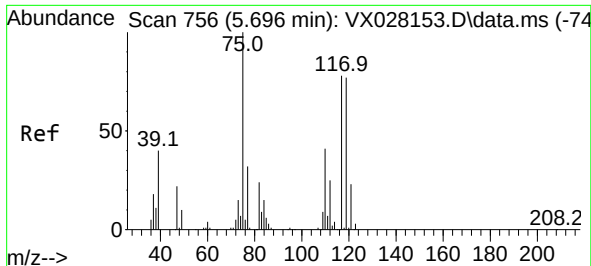
Tgt Ion:114 Resp: 801667
Ion Ratio Lower Upper
114 100
63 17.4 0.0 36.8
88 14.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 43.098 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion:113 Resp: 242300
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 20.7 16.9 25.3

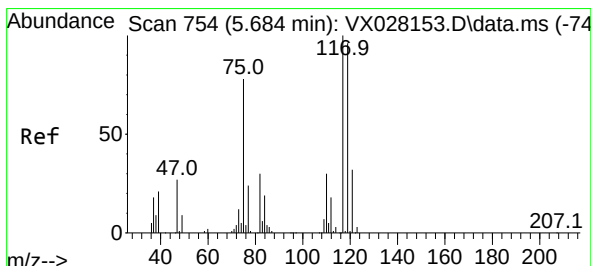
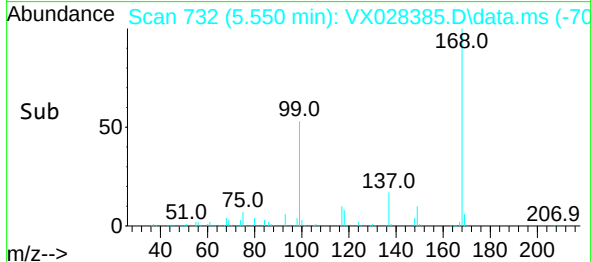
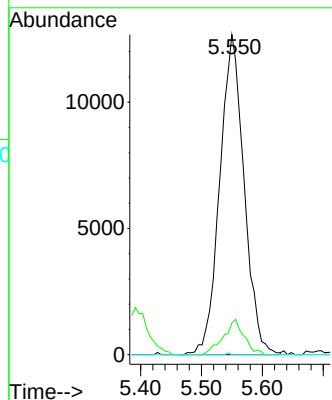
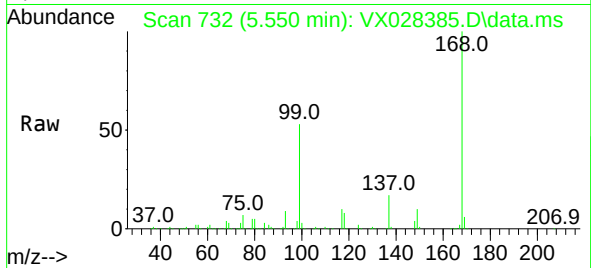




#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

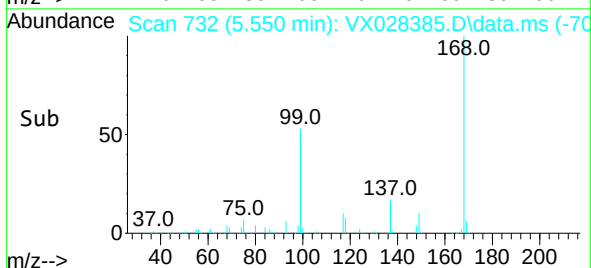
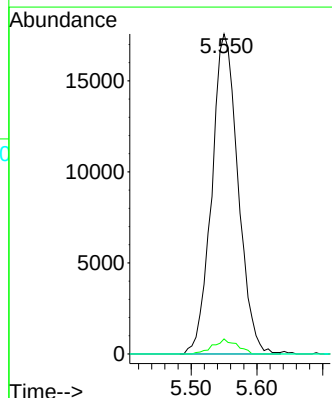
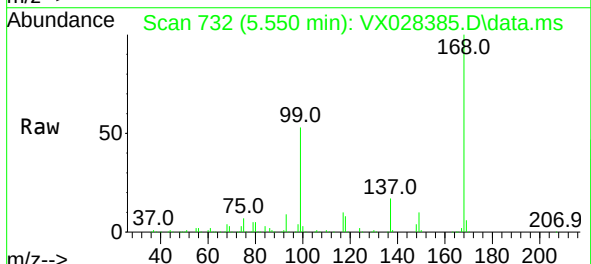
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

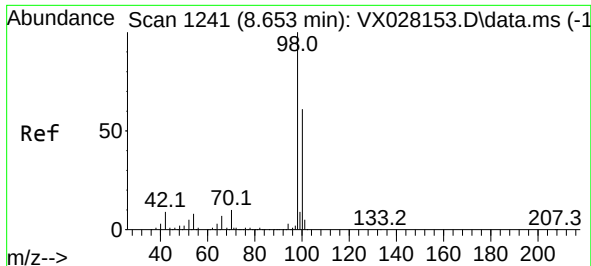
Tgt Ion: 75 Resp: 35055
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.1 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.915 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 117 Resp: 48966
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#

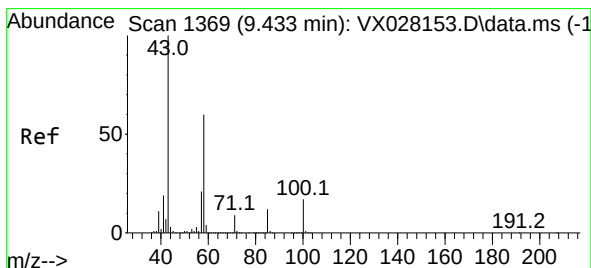
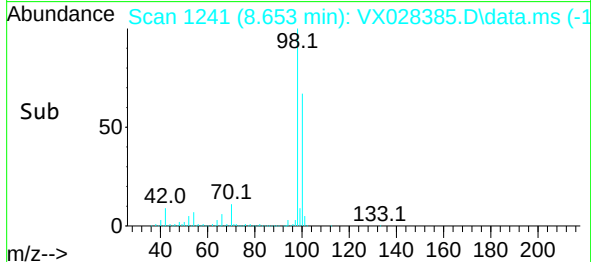
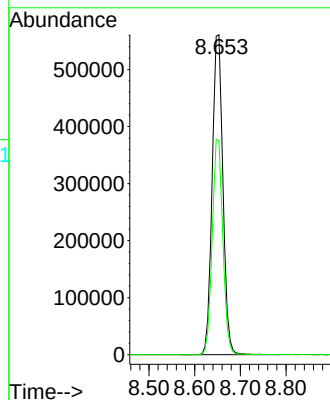
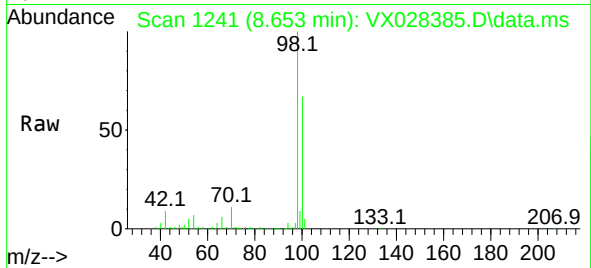




#50
Toluene-d8
Concen: 42.422 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

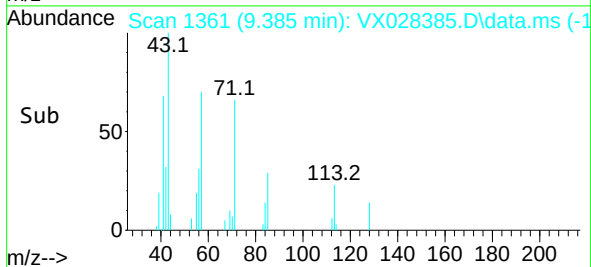
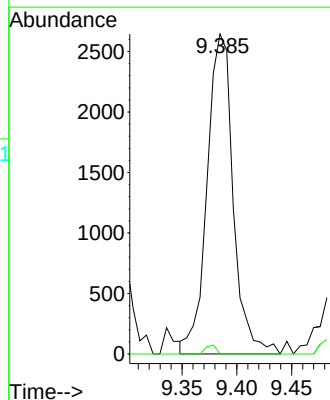
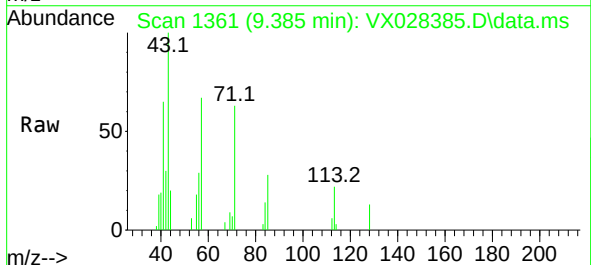
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

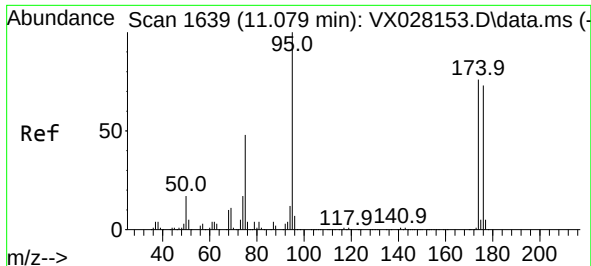
Tgt Ion: 98 Resp: 916027
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#59
2-Hexanone
Concen: 0.727 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 43 Resp: 4379
Ion Ratio Lower Upper
43 100
58 1.1 31.9 95.7#

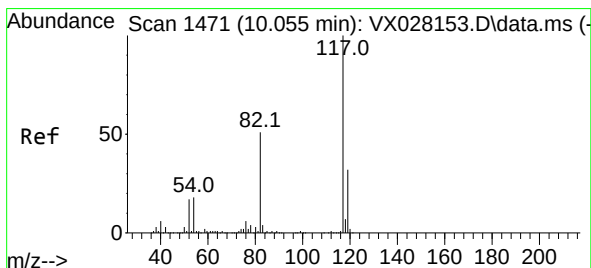
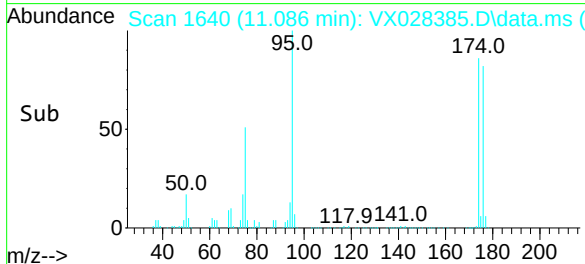
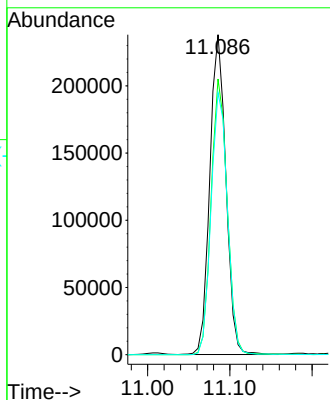
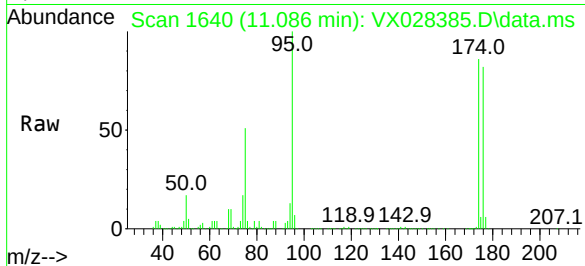




#62
4-Bromofluorobenzene
Concen: 39.135 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

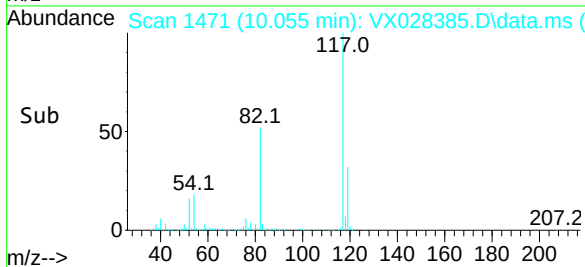
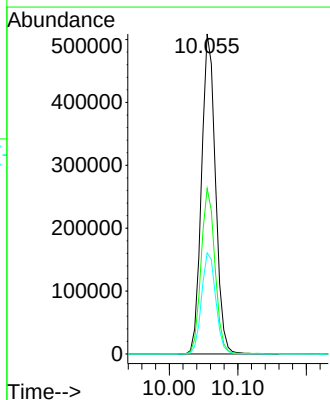
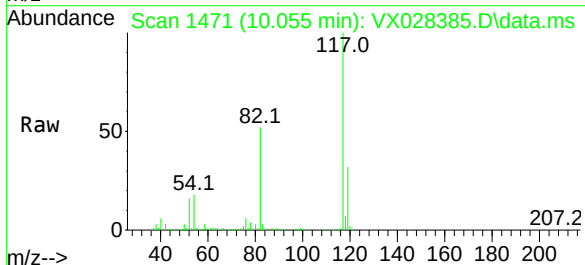
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

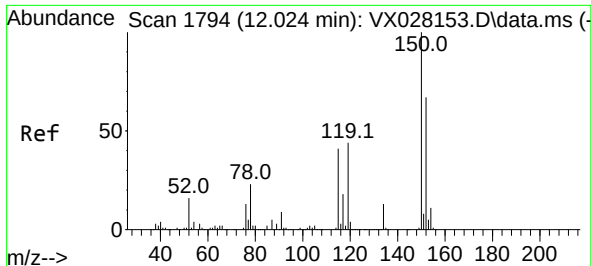
Tgt Ion: 95 Resp: 323109
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 83.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 117 Resp: 722627
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 31.6 24.8 37.2

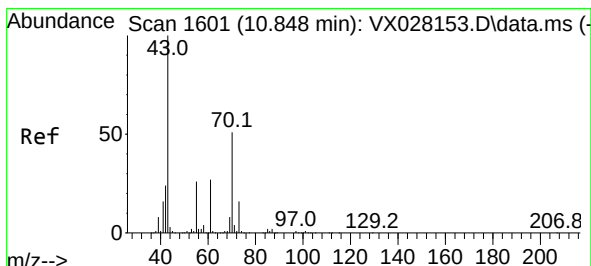
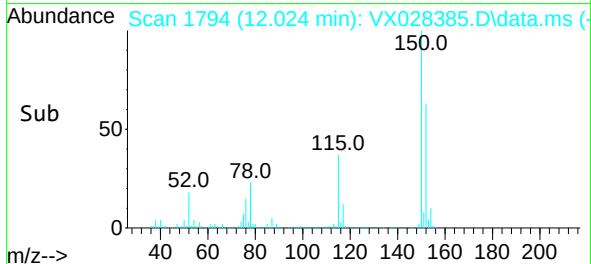
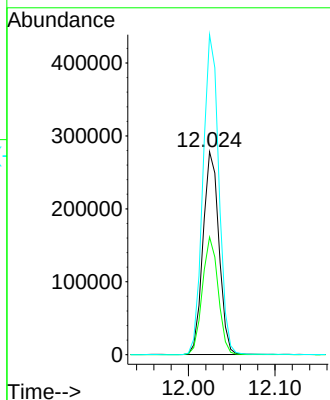
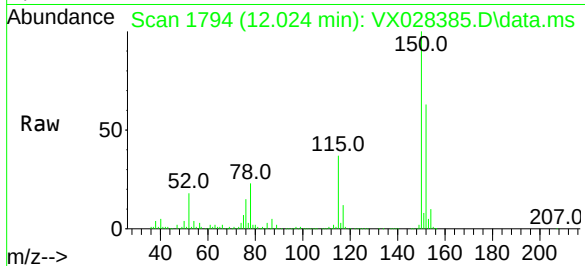




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

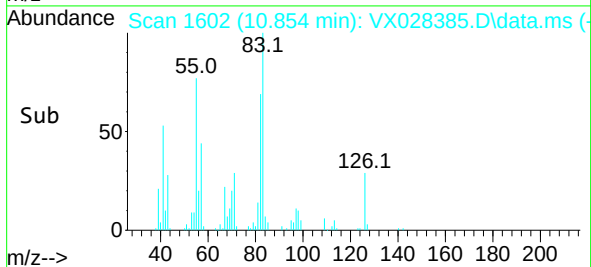
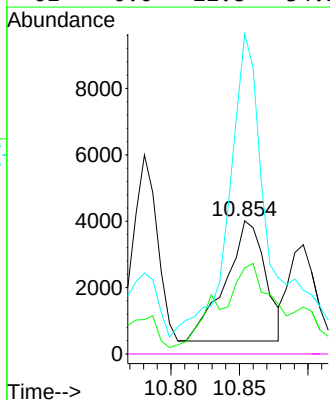
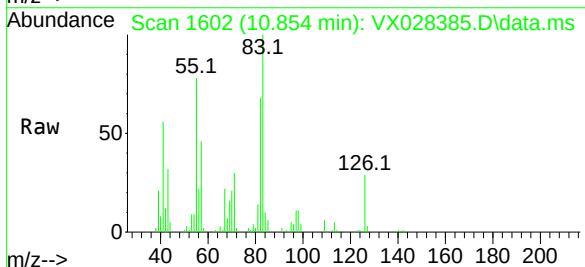
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

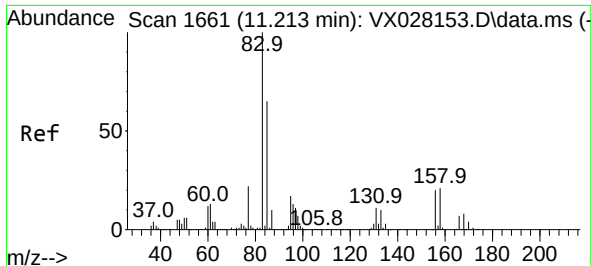
Tgt Ion:152 Resp: 355669
Ion Ratio Lower Upper
152 100
115 57.3 37.5 112.7
150 157.9 0.0 338.2



#74
N-ethyl acetate
Concen: 0.871 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 43 Resp: 7356
Ion Ratio Lower Upper
43 100
70 90.2 42.5 63.7#
55 260.0 23.1 34.7#
61 0.0 22.8 34.2#

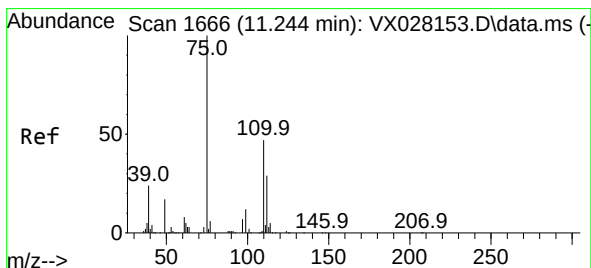
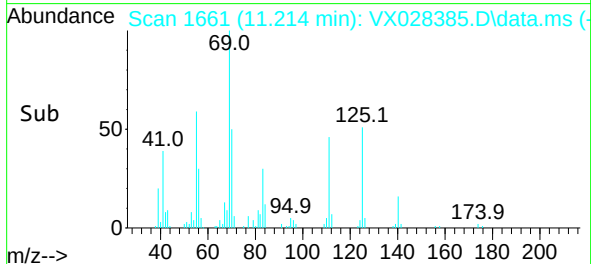
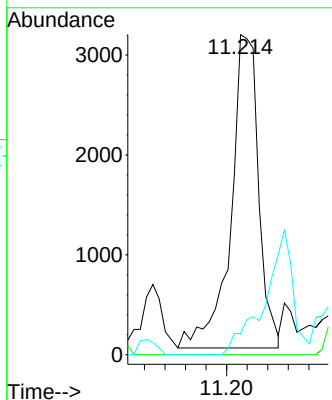
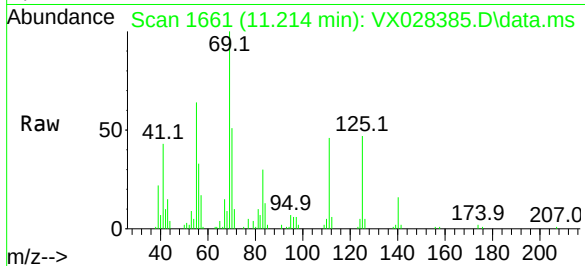




#75
1,1,2-Tetrachloroethane
Concen: 0.742 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

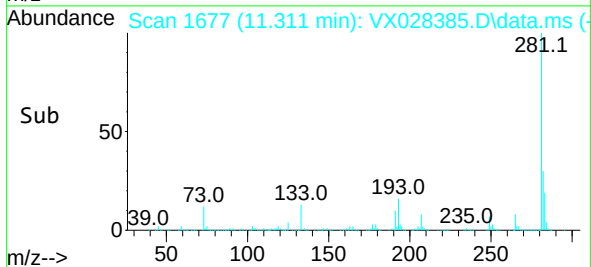
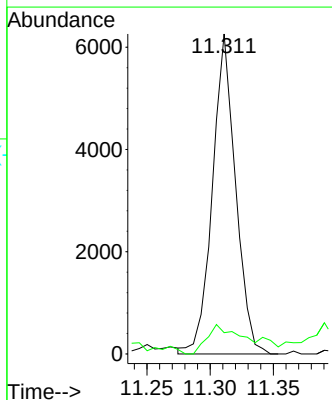
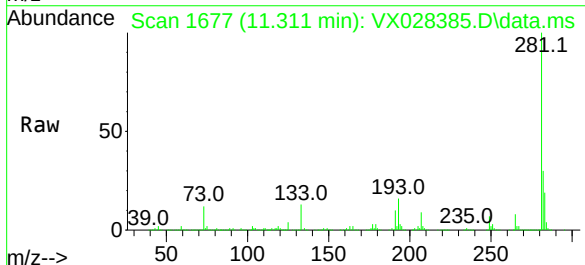
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

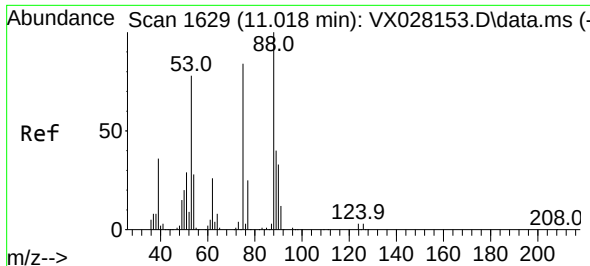
Tgt Ion: 83 Resp: 5883
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 32.6 97.7#



#76
1,2,3-Trichloropropane
Concen: 1.138 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.067 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 75 Resp: 7966
Ion Ratio Lower Upper
75 100
77 16.5 19.4 58.2#

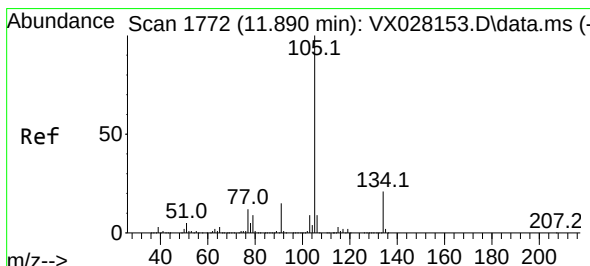
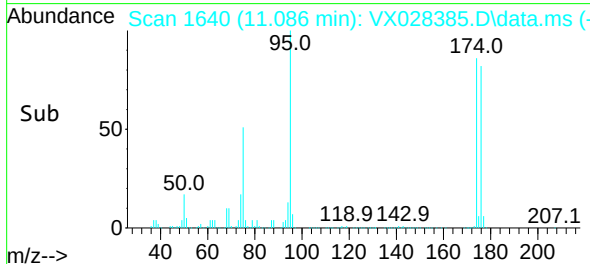
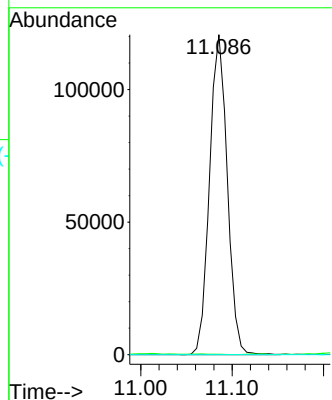
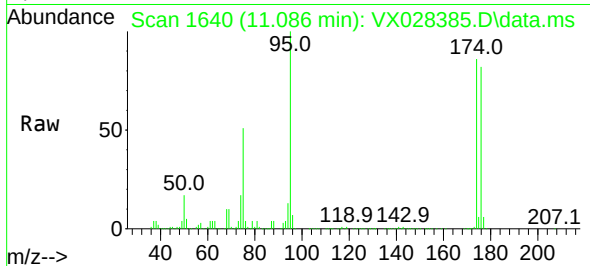




#81
trans-1,4-Dichloro-2-butene
Concen: 69.077 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

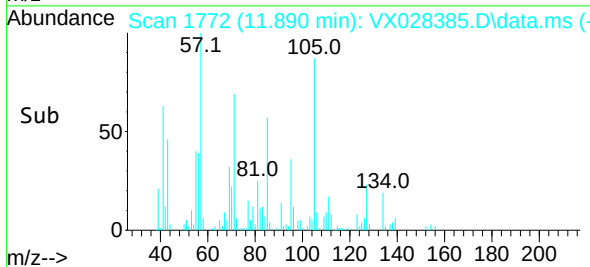
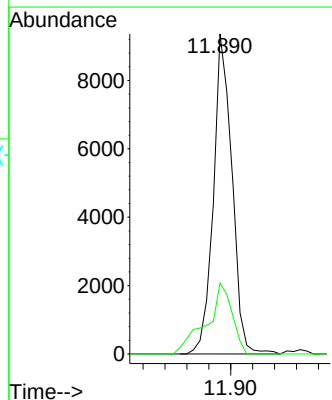
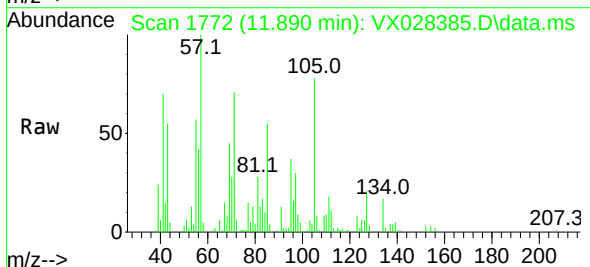
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

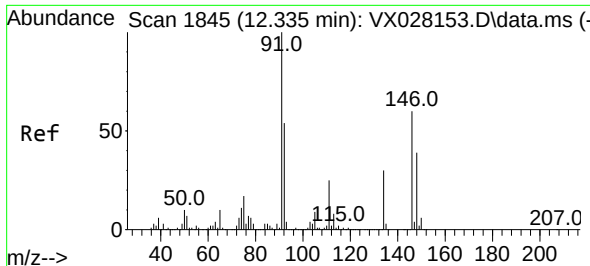
Tgt Ion: 75 Resp: 162707
Ion Ratio Lower Upper
75 100
53 0.2 69.0 103.4#
89 0.0 37.0 55.6#



#85
sec-Butylbenzene
Concen: 0.431 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 105 Resp: 11020
Ion Ratio Lower Upper
105 100
134 30.4 10.2 30.4

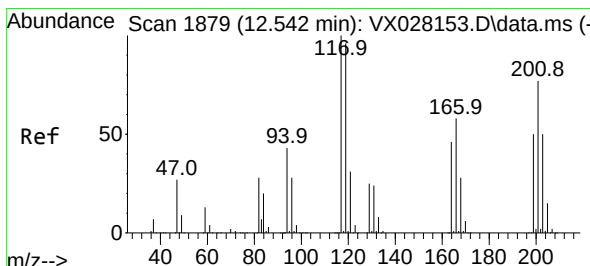
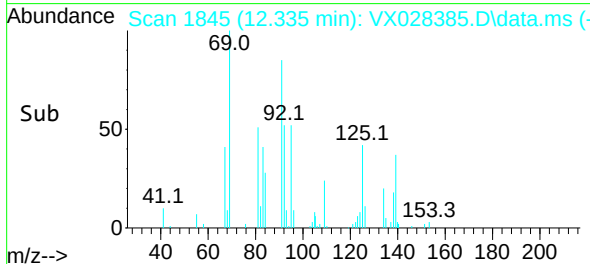
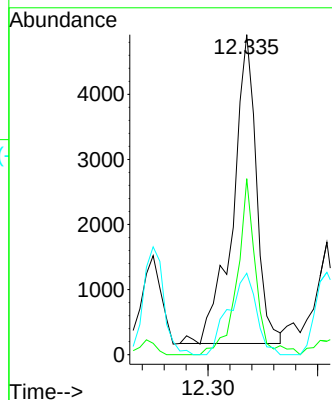
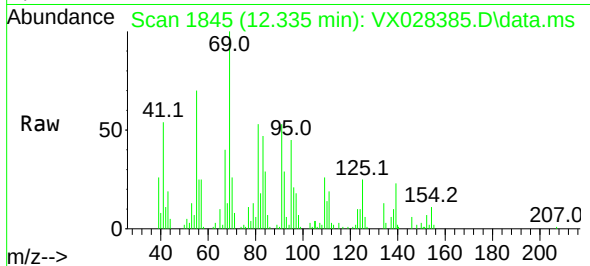




#89
n-Butylbenzene
Concen: 0.391 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

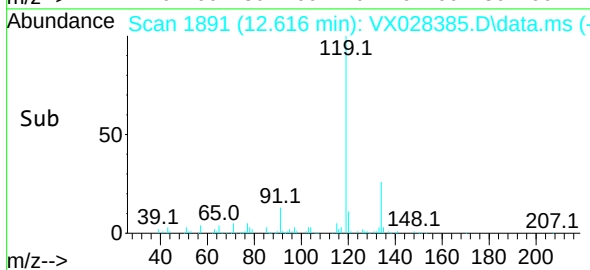
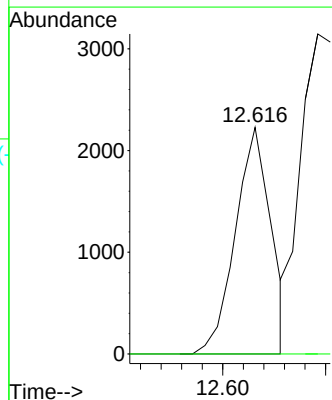
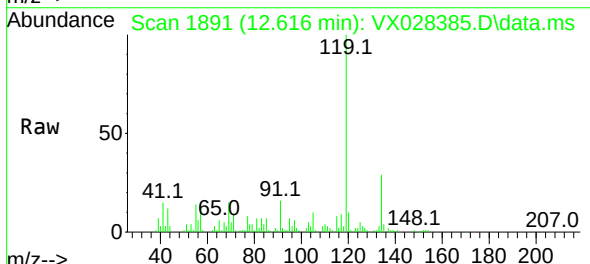
Instrument :
MSVOA_X
ClientSampleId :
GT-04-(25-30)ME

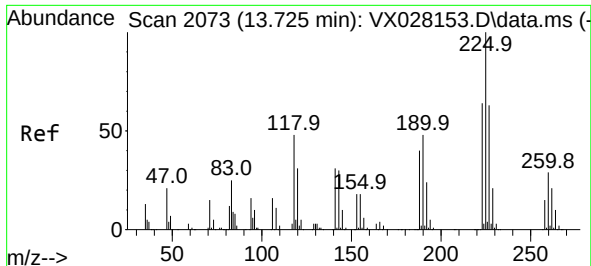
Tgt Ion: 91 Resp: 7083
Ion Ratio Lower Upper
91 100
92 44.5 27.8 83.3
134 30.7 13.3 39.8



#90
Hexachloroethane
Concen: 2.464 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.074 min
Lab File: VX028385.D
Acq: 27 Apr 2022 17:52

Tgt Ion: 117 Resp: 2678
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#94

Hexachlorobutadiene

Concen: 0.476 ug/l

RT: 13.731 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX028385.D

Acq: 27 Apr 2022 17:52

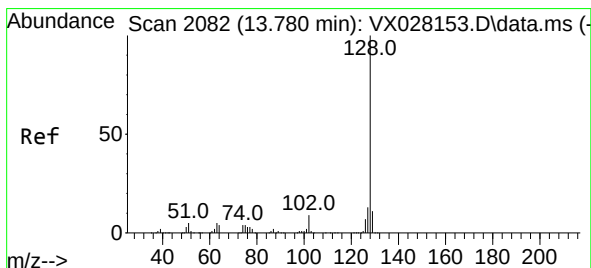
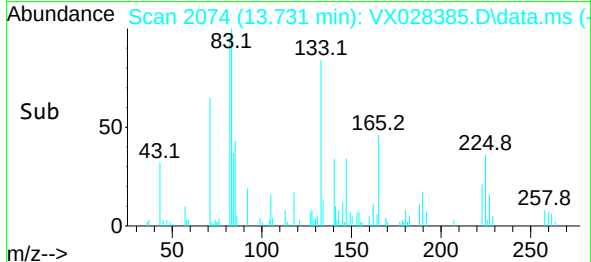
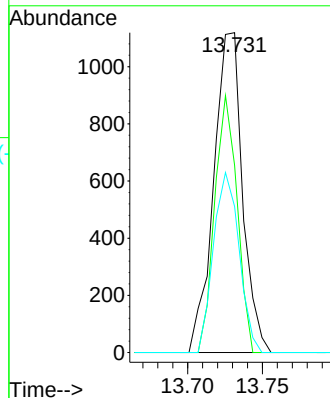
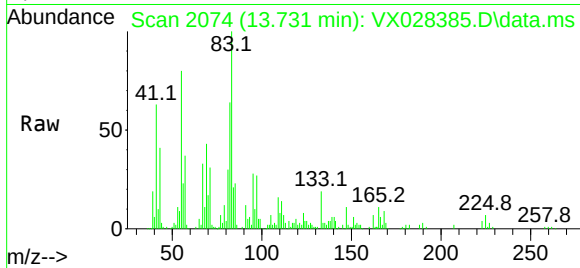
Instrument :

MSVOA_X

ClientSampleId :

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Tgt Ion:	225	Resp:	1502
Ion Ratio	Lower	Upper	
225	100		
223	62.2	34.2	102.5
227	49.9	33.9	101.7



#95

Naphthalene

Concen: 0.319 ug/l

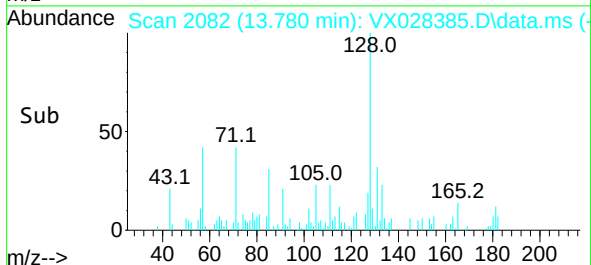
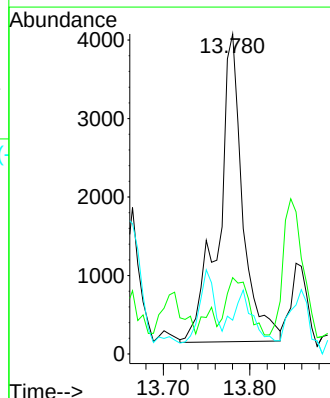
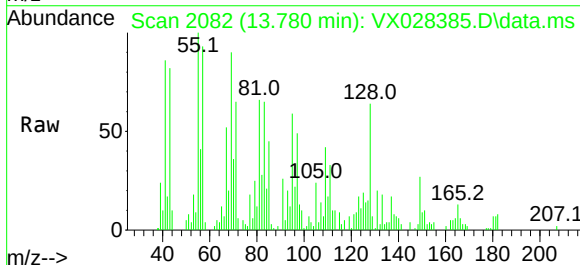
RT: 13.780 min Scan# 2082

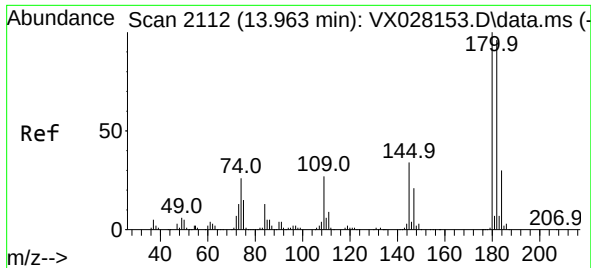
Delta R.T. 0.000 min

Lab File: VX028385.D

Acq: 27 Apr 2022 17:52

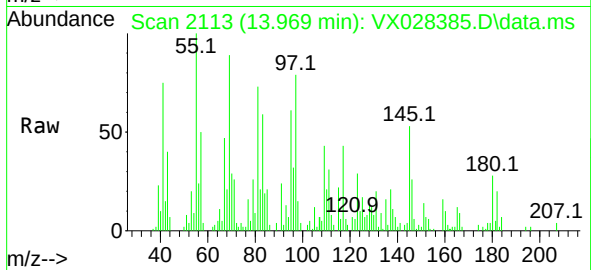
Tgt Ion:	128	Resp:	7511
Ion Ratio	Lower	Upper	
128	100		
127	20.0	10.2	15.4#
129	14.3	8.7	13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.456 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX028385.D
 Acq: 27 Apr 2022 17:52

Instrument :
 MSVOA_X
 ClientSampleId :
 GT-04-(25-30)ME



Tgt Ion:180 Resp: 3162
 Ion Ratio Lower Upper
 180 100
 182 40.6 50.0 149.8#
 145 182.0 16.2 48.5#

