

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031221\
 Data File : VX021174.D
 Acq On : 12 Mar 2021 11:02
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
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 3/15/2021 3:18:42 PM

Quant Time: Mar 12 11:51:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 11:46:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.982	128	14459	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.829	114	77646	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.094	117	73312	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.035	65	39380	36.61	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 122.03%#			
60) 4-Bromofluorobenzene	11.118	95	40830	32.89	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 109.63%			
63) Toluene-d8	8.700	98	101201	30.27	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	17613	21.66	ug/l	100
3) Chloromethane	1.311	50	18515	21.33	ug/l	99
4) Vinyl Chloride	1.393	62	18116	18.34	ug/l	95
5) Bromomethane	1.628	94	11155	26.35	ug/l	98
6) Chloroethane	1.711	64	11101	17.82	ug/l	93
7) Trichlorofluoromethane	1.917	101	28814	21.69	ug/l	96
8) Diethyl Ether	2.170	74	9721	17.17	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.370	101	14980	18.81	ug/l	96
10) 1,1-Dichloroethene	2.358	96	14571	17.95	ug/l	91
11) Methyl Iodide	2.493	142	18861	18.13	ug/l	90
12) Methyl Acetate	2.746	43	26009	25.95	ug/l #	86
13) Acrolein	2.275	56	14684	106.81	ug/l	99
14) Acrylonitrile	3.111	53	47951	102.70	ug/l	97
15) Acetone	2.417	58	12354	92.34	ug/l #	54
16) Carbon Disulfide	2.552	76	42970	18.59	ug/l	98
17) Allyl chloride	2.705	41	30911	22.62	ug/l	86
18) Methylene Chloride	2.834	84	18131	19.39	ug/l #	85
19) trans-1,2-Dichloroethene	3.146	96	16406	18.14	ug/l	87
20) Diisopropyl ether	3.823	45	61669	22.35	ug/l #	90
21) 1,1-Dichloroethane	3.670	63	32922	20.62	ug/l	97
22) cis-1,2-Dichloroethene	4.564	96	19118	18.41	ug/l	87
23) tert-Butyl Alcohol	3.005	59	21246	100.60	ug/l #	100
24) Methyl tert-Butyl Ether	3.164	73	57111	19.61	ug/l #	83
25) Chloroform	5.176	83	34416	20.94	ug/l	99
26) Cyclohexane	5.546	56	29058	20.23	ug/l #	89
29) 1,1-Dichloropropene	5.770	75	24242	20.28	ug/l	96
30) 2-Butanone	4.629	43	68885	112.95	ug/l	92
31) 2,2-Dichloropropane	4.552	77	27475	20.01	ug/l	95
32) 1,1,1-Trichloroethane	5.464	97	29535	21.59	ug/l	94
33) Carbon Tetrachloride	5.752	117	26173	21.98	ug/l	99
34) Benzene	6.111	78	70436	19.72	ug/l	96
35) Methacrylonitrile	5.005	41	15583	23.41	ug/l	90
36) 1,2-Dichloroethane	6.158	62	31126	24.40	ug/l #	93
37) Trichloroethene	7.188	130	18284	19.13	ug/l	90
38) Methylcyclohexane	7.441	83	27145	18.37	ug/l	91
39) 1,2-Dichloropropane	7.488	63	19081	21.11	ug/l	93
40) Dibromomethane	7.635	93	13410	21.51	ug/l	90
41) Bromodichloromethane	7.876	83	28295	21.72	ug/l	97
42) Vinyl Acetate	3.781	43	258736	113.42	ug/l #	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.787	43	27199	23.11	ug/l	98
44) Isopropyl Acetate	6.411	43	44732	22.62	ug/l	91
45) 1,4-Dioxane	7.711	88	8899	403.47	ug/l #	88
46) Methyl methacrylate	7.747	41	23958	23.96	ug/l	82
47) n-amyl Acetate	10.882	43	40398	24.29	ug/l	92
48) t-1,3-Dichloropropene	9.023	75	28115	19.70	ug/l	99
49) cis-1,3-Dichloropropene	8.412	75	30219	19.53	ug/l #	82
50) 1,1,2-Trichloroethane	9.194	97	17834	19.94	ug/l	95
51) Ethyl methacrylate	9.159	69	28586m	20.18	ug/l	
52) 1,3-Dichloropropane	9.353	76	31448	20.61	ug/l	100
53) Dibromochloromethane	9.565	129	20515	21.17	ug/l	100
54) 1,2-Dibromoethane	9.653	107	19012	20.24	ug/l	96
55) 2-Chloroethyl vinyl ether	8.288	63	76531	111.59	ug/l	96
56) Bromoform	10.841	173	14352	21.19	ug/l	99
58) 4-Methyl-2-Pentanone	8.617	43	144571	116.94	ug/l #	88
59) 2-Hexanone	9.470	43	108103	115.87	ug/l	87
61) Tetrachloroethene	9.318	164	17439	19.80	ug/l	93
62) Toluene	8.764	91	77078	18.91	ug/l	96
64) Chlorobenzene	10.123	112	47023	18.78	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.206	131	18073	19.48	ug/l	100
66) Ethyl Benzene	10.235	91	87573	19.25	ug/l	97
67) m/p-Xylenes	10.341	106	64294	38.19	ug/l	94
68) o-Xylene	10.682	106	31046	19.33	ug/l	90
69) Styrene	10.694	104	52101	18.72	ug/l	92
70) Isopropylbenzene	11.000	105	83884	19.32	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.253	83	26548	19.50	ug/l	96
72) 1,2,3-Trichloropropane	11.277	75	27937m	22.43	ug/l	
73) Bromobenzene	11.235	156	20176	19.76	ug/l	90
74) n-propylbenzene	11.341	91	98915	19.85	ug/l	98
75) 2-Chlorotoluene	11.406	91	60688	20.33	ug/l	95
76) 1,3,5-Trimethylbenzene	11.488	105	71820	20.00	ug/l	99
77) t-1,4-Dichloro-2-butene	11.059	75	8484	16.86	ug/l	86
78) 4-Chlorotoluene	11.494	91	70778	20.60	ug/l	97
79) tert-butylbenzene	11.753	119	66534	19.39	ug/l	91
80) 1,2,4-Trimethylbenzene	11.788	105	71696	19.74	ug/l	98
81) sec-Butylbenzene	11.930	105	80580	19.50	ug/l	98
82) p-Isopropyltoluene	12.047	119	71912	19.22	ug/l	95
83) 1,3-Dichlorobenzene	12.006	146	36319	19.55	ug/l	97
84) 1,4-Dichlorobenzene	12.083	146	36442	19.93	ug/l	98
85) n-Butylbenzene	12.371	91	65656	19.39	ug/l	97
86) Hexachloroethane	12.577	117	13289	18.90	ug/l	94
87) 1,2-Dichlorobenzene	12.377	146	35267	20.06	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	12.983	75	6599	20.88	ug/l #	80
89) 1,2,4-Trichlorobenzene	13.630	180	21792	18.84	ug/l	95
90) Hexachlorobutadiene	13.765	225	8809	18.76	ug/l	96
91) Naphthalene	13.818	128	68648	17.31	ug/l	100
92) 1,2,3-Trichlorobenzene	14.000	180	20999	18.47	ug/l	97

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

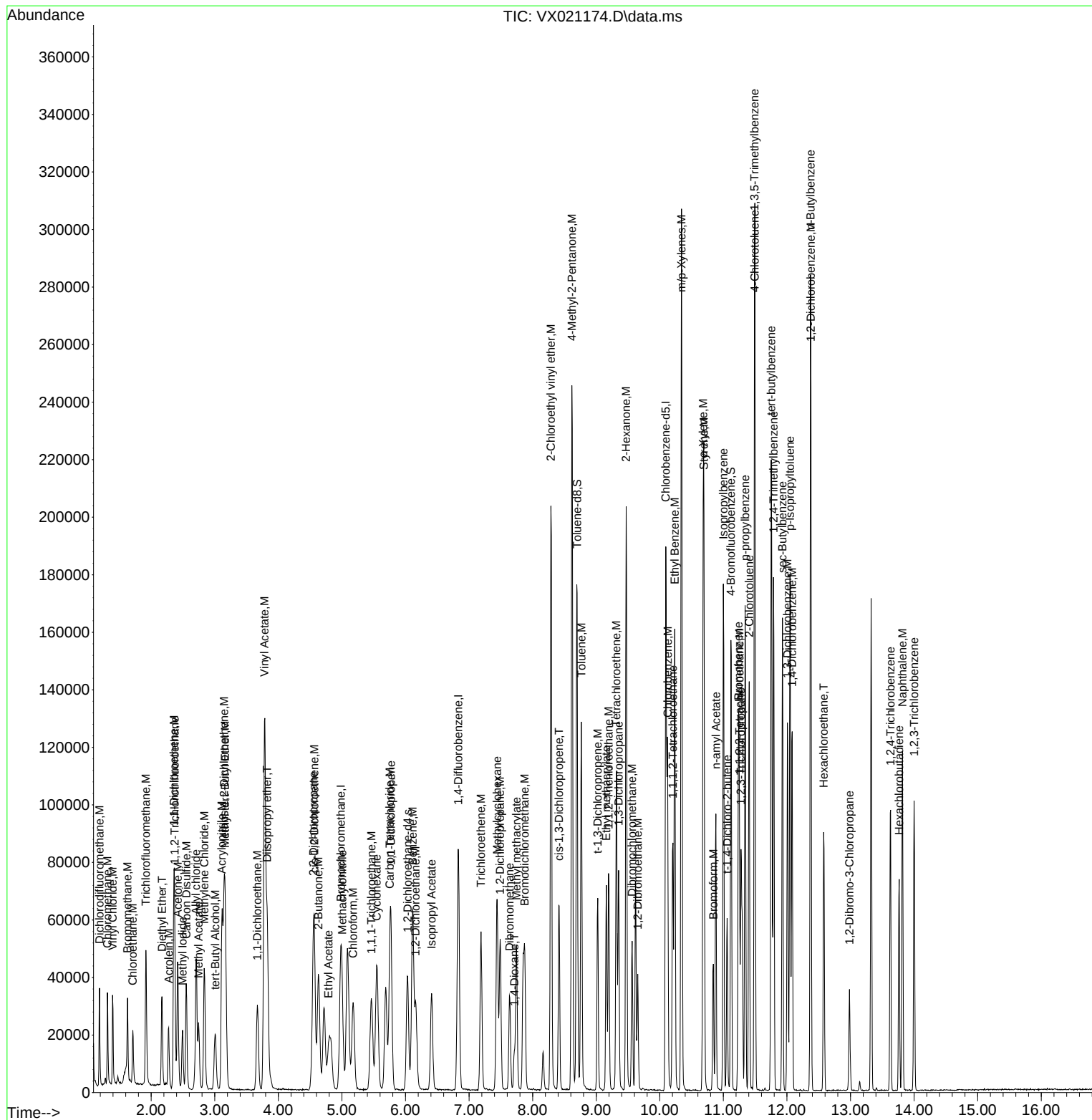
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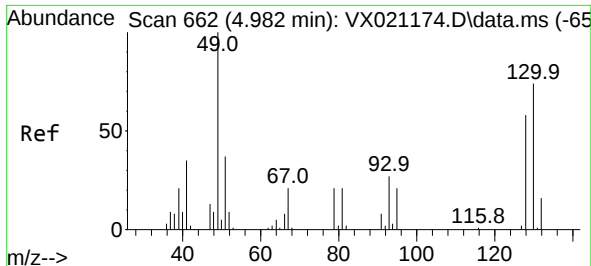
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 ClientSampleId :
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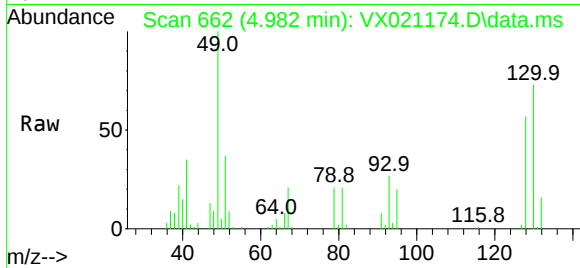
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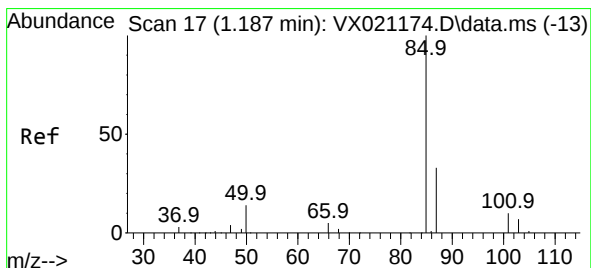
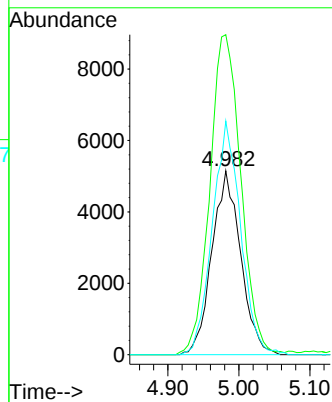
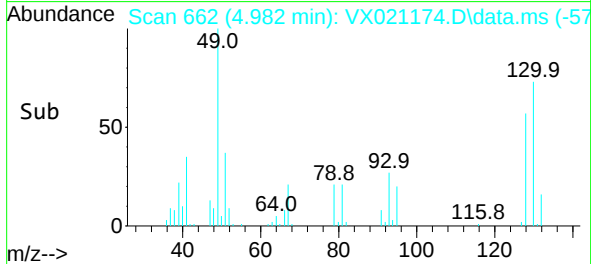




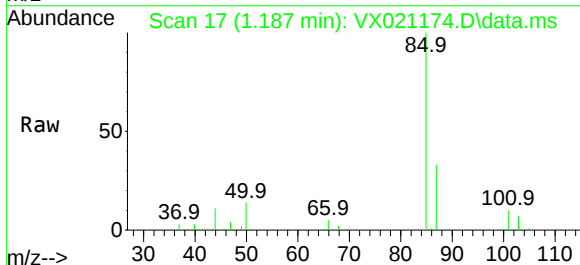
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.982 min Scan# 662
Delta R.T. -0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



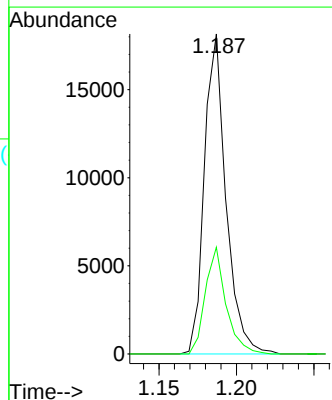
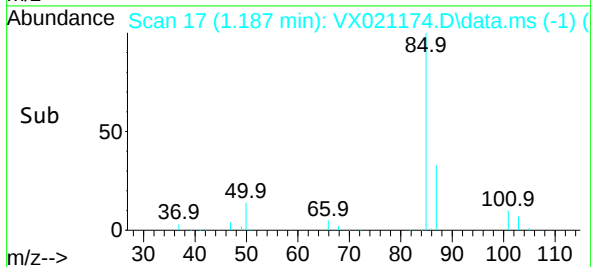
Tgt Ion: 128 Resp: 14459
Ion Ratio Lower Upper
128 100
49 188.0 0.0 367.5
130 124.7 0.0 318.8



#2
Dichlorodifluoromethane
Concen: 21.66 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



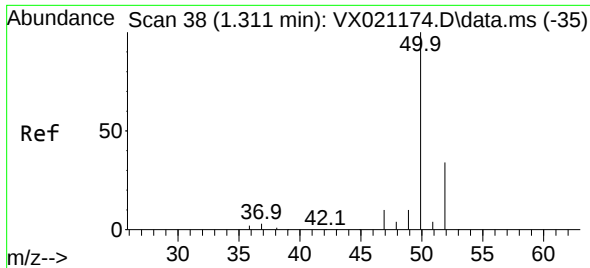
Tgt Ion: 85 Resp: 17613
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.4



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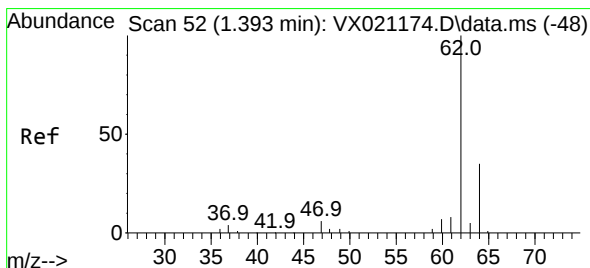
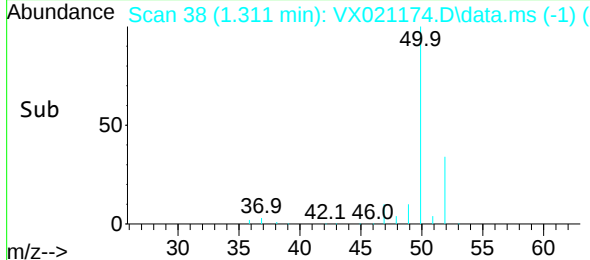
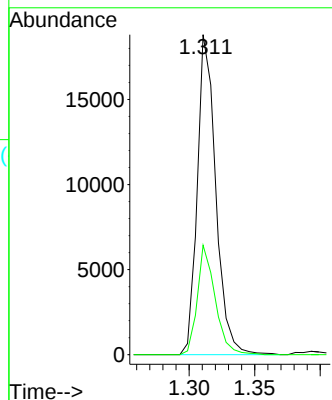
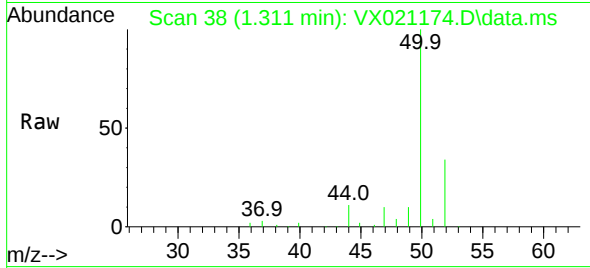
#3
Chloromethane
Concen: 21.33 ug/l
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 50 Resp: 18515
Ion Ratio Lower Upper
50 100
52 34.2 26.9 40.3

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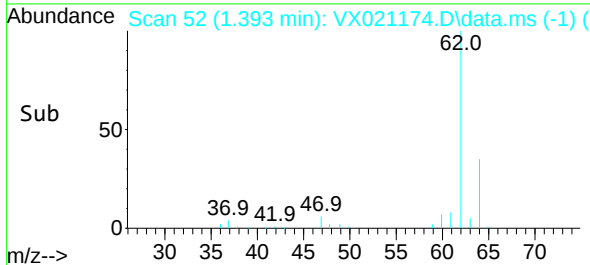
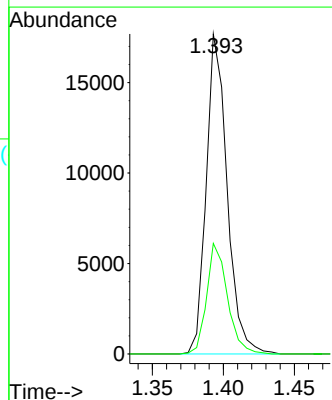
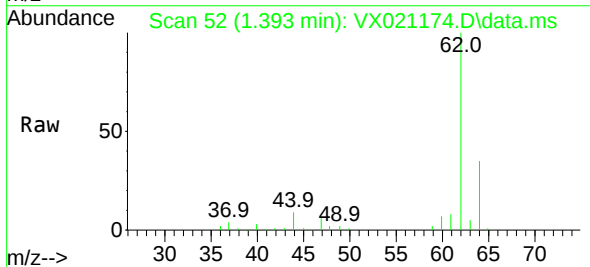
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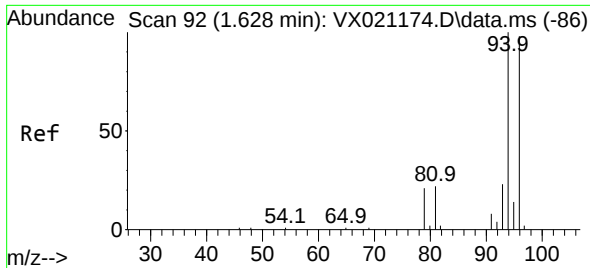
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#4
Vinyl Chloride
Concen: 18.34 ug/l
RT: 1.393 min Scan# 52
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 62 Resp: 18116
Ion Ratio Lower Upper
62 100
64 34.6 25.4 38.2





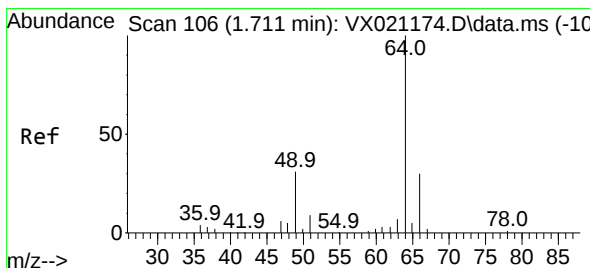
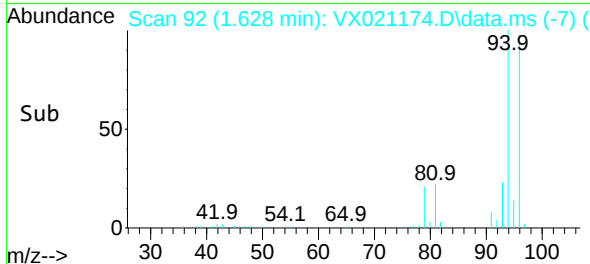
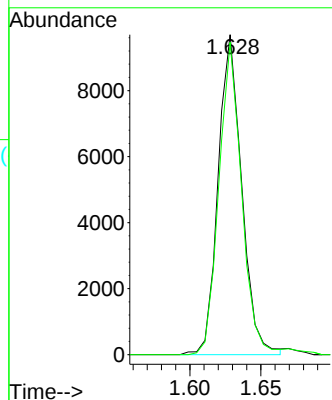
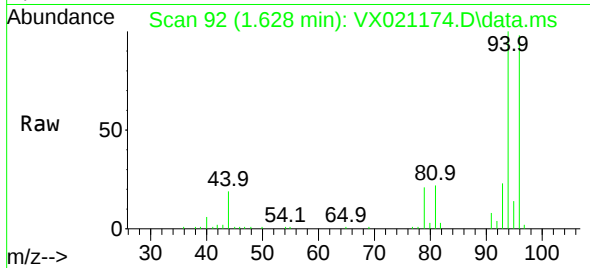
#5
Bromomethane
Concen: 26.35 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 94 Resp: 11155
Ion Ratio Lower Upper
94 100
96 97.6 76.6 114.8

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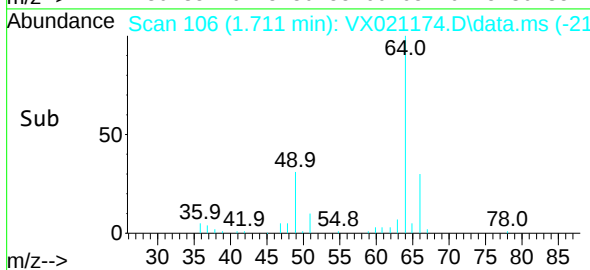
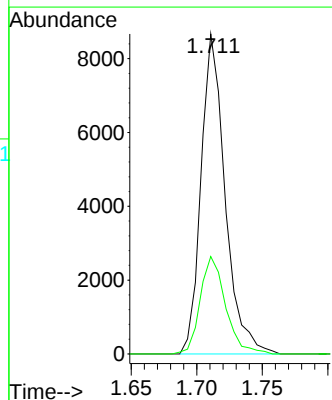
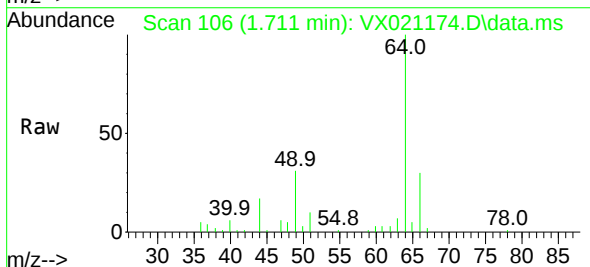
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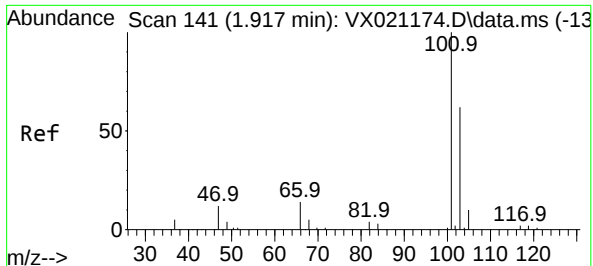
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#6
Chloroethane
Concen: 17.82 ug/l
RT: 1.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 64 Resp: 11101
Ion Ratio Lower Upper
64 100
66 30.4 27.4 41.2





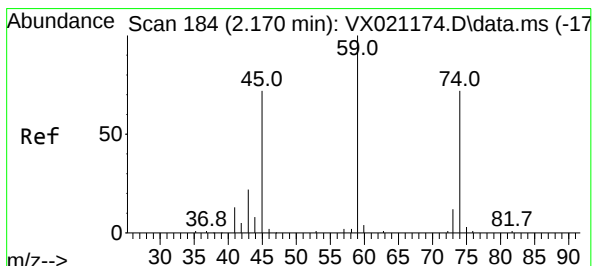
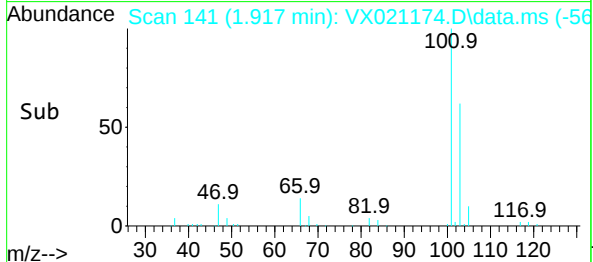
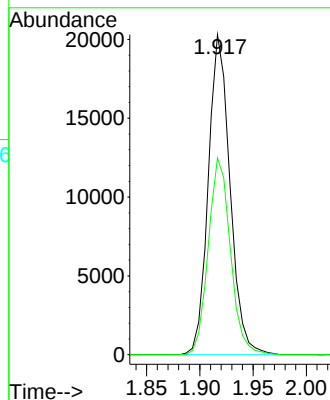
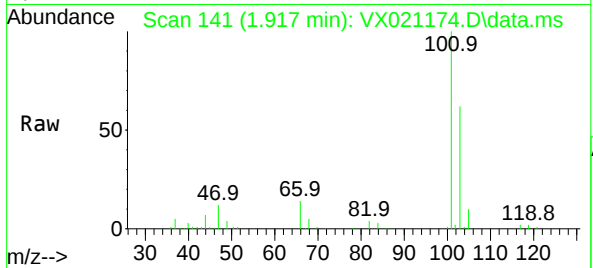
#7
Trichlorofluoromethane
Concen: 21.69 ug/l
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:101 Resp: 28814
Ion Ratio Lower Upper
101 100
103 61.5 51.4 77.2

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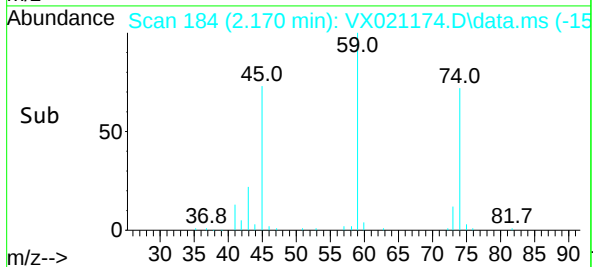
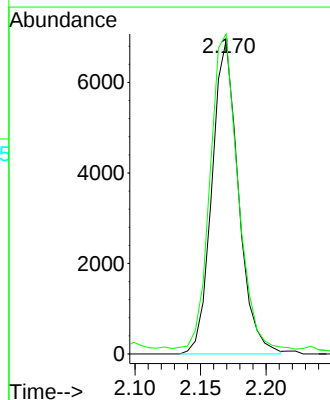
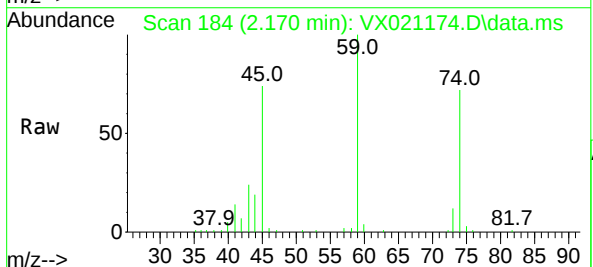
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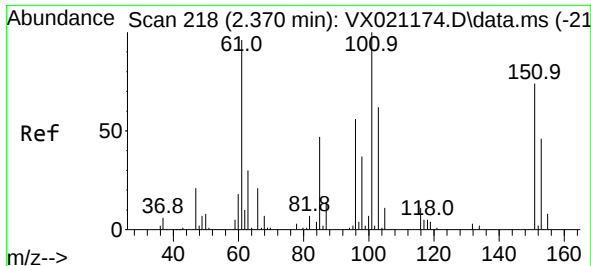
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#8
Diethyl Ether
Concen: 17.17 ug/l
RT: 2.170 min Scan# 184
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 74 Resp: 9721
Ion Ratio Lower Upper
74 100
45 109.2 17.3 155.7





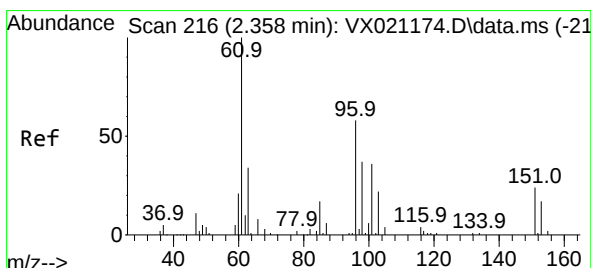
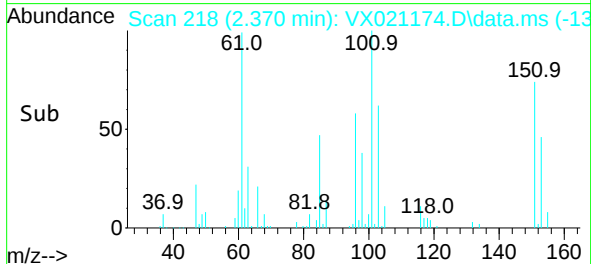
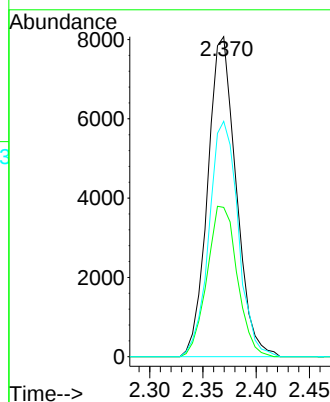
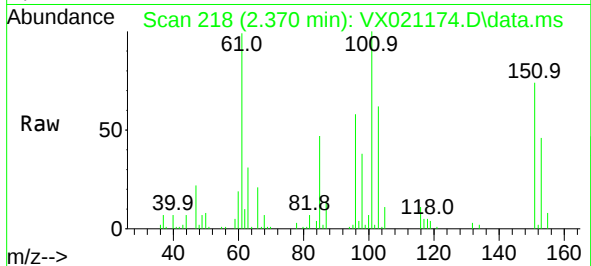
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.81 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX021174.D
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Tgt Ion: 101 Resp: 14980
Ion Ratio Lower Upper
101 100
85 49.9 0.0 88.0
151 75.4 0.0 151.8

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VSTDICCC020

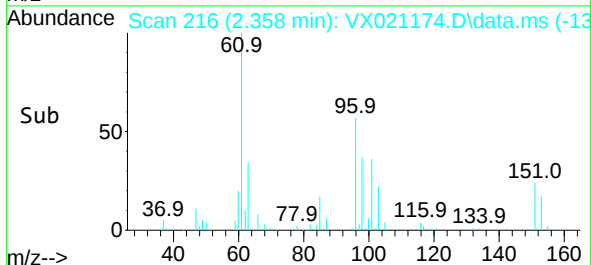
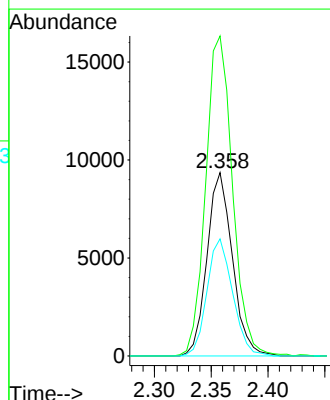
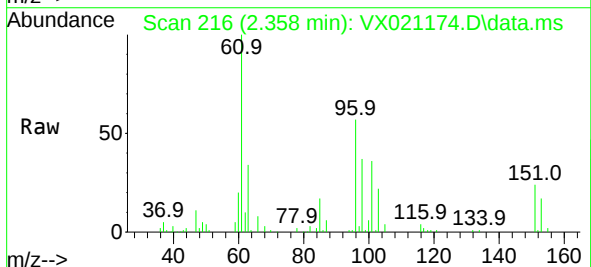
Manual Integrations
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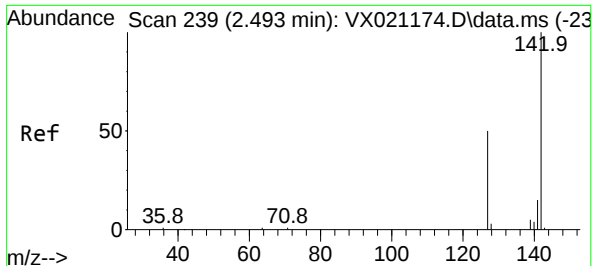
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#10
1,1-Dichloroethene
Concen: 17.95 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

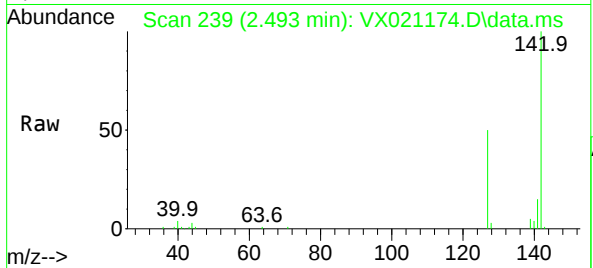
Tgt Ion: 96 Resp: 14571
Ion Ratio Lower Upper
96 100
61 173.8 126.1 189.1
98 63.9 51.3 76.9





#11
Methyl Iodide
Concen: 18.13 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

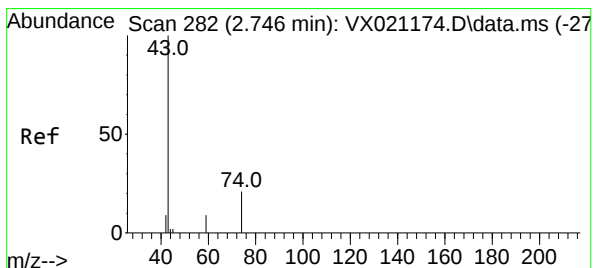
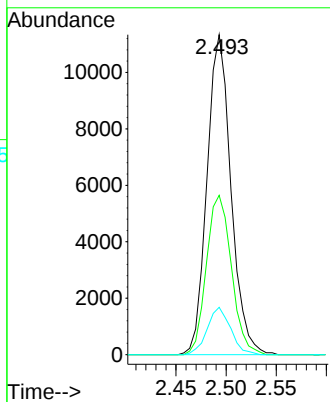
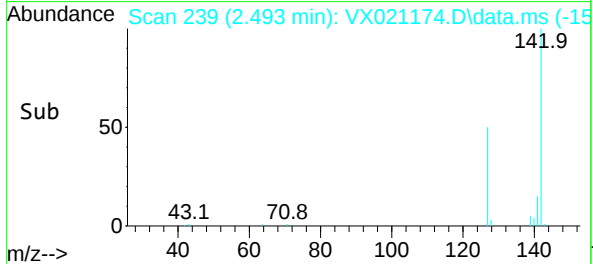
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



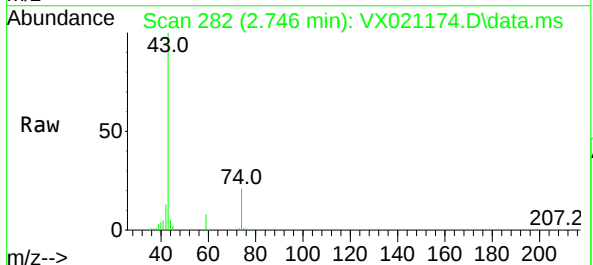
Tgt Ion:142 Resp: 18861
Ion Ratio Lower Upper
142 100
127 49.8 21.4 64.2
141 14.8 6.5 19.4

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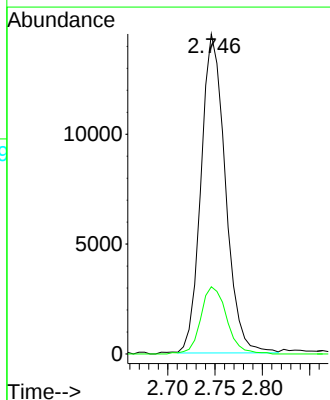
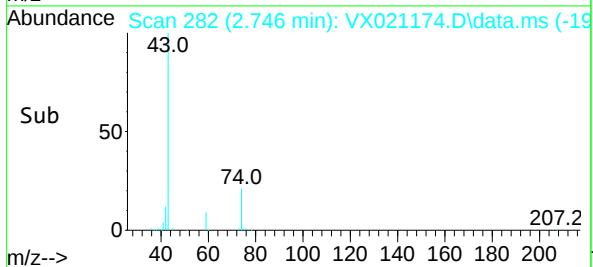
MMDadoda
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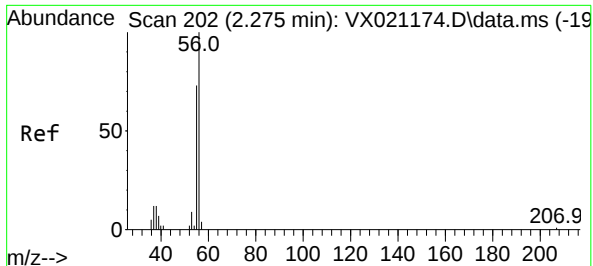


#12
Methyl Acetate
Concen: 25.95 ug/l
RT: 2.746 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



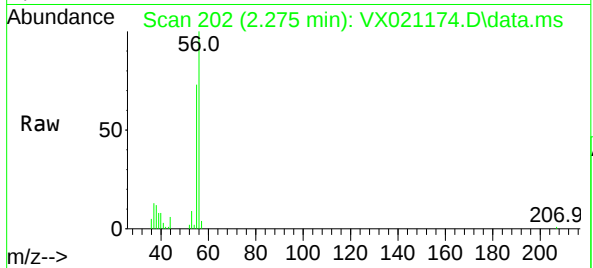
Tgt Ion: 43 Resp: 26009
Ion Ratio Lower Upper
43 100
74 20.9 22.8 34.2#





#13
Acrolein
Concen: 106.81 ug/l
RT: 2.275 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

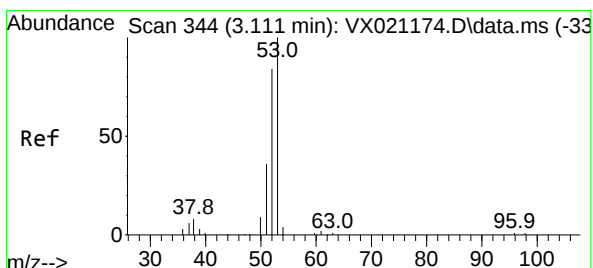
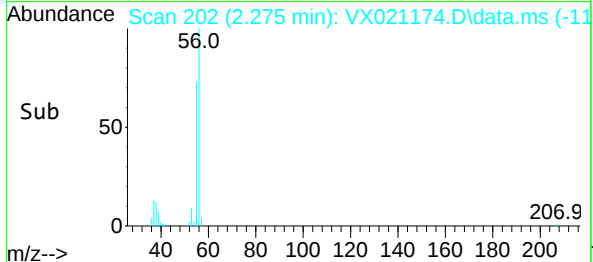
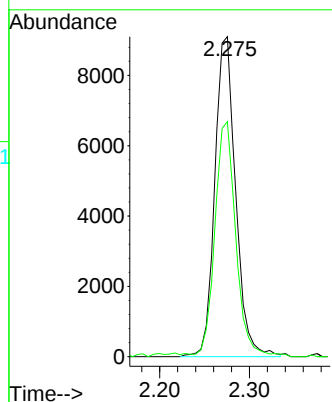
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 56 Resp: 14684
Ion Ratio Lower Upper
56 100
55 71.0 56.3 84.5

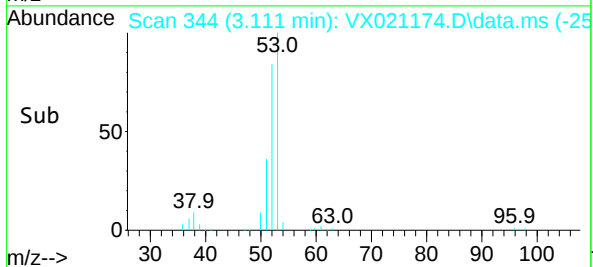
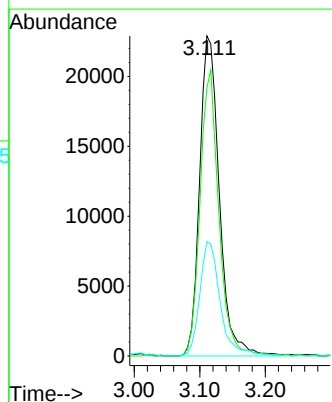
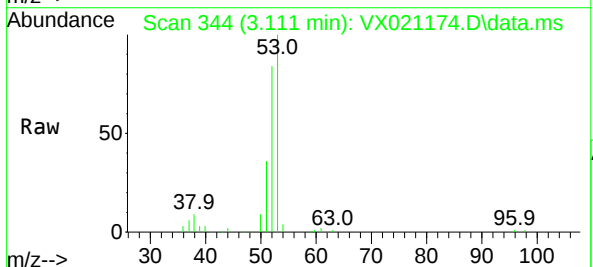
Manual Integrations
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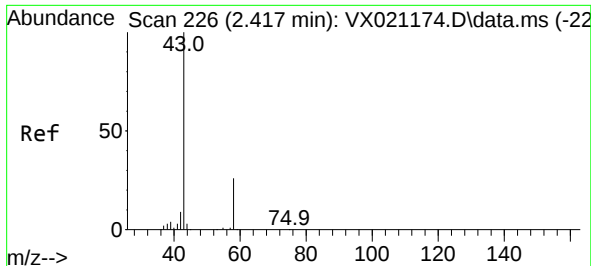
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#14
Acrylonitrile
Concen: 102.70 ug/l
RT: 3.111 min Scan# 344
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 53 Resp: 47951
Ion Ratio Lower Upper
53 100
52 85.0 41.1 123.3
51 37.0 17.6 52.9





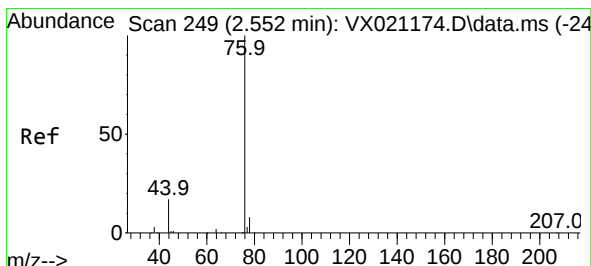
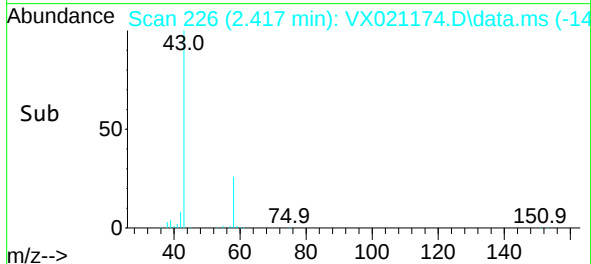
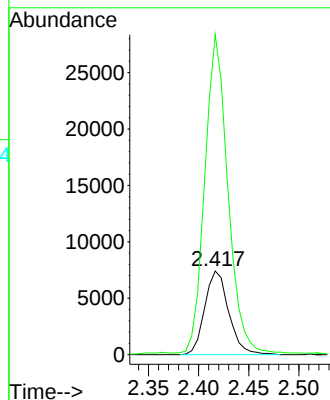
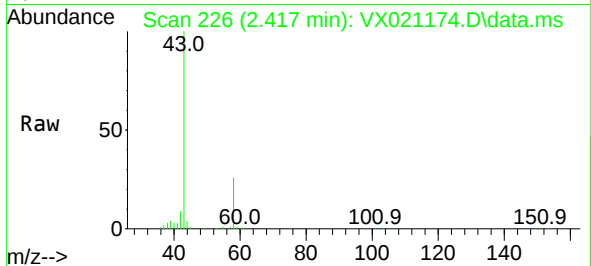
#15
Acetone
Concen: 92.34 ug/l
RT: 2.417 min Scan# 226
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 58 Resp: 12354
Ion Ratio Lower Upper
58 100
43 380.1 232.6 348.8#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

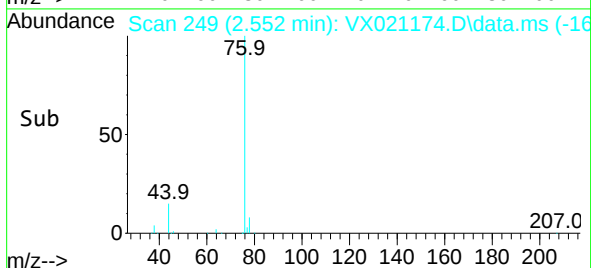
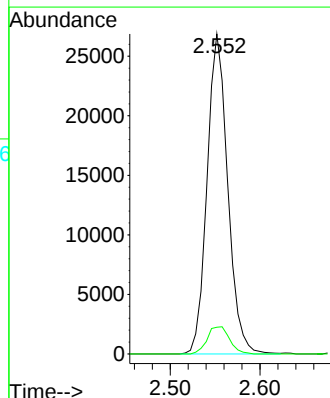
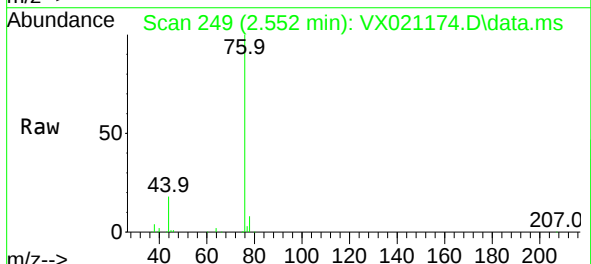
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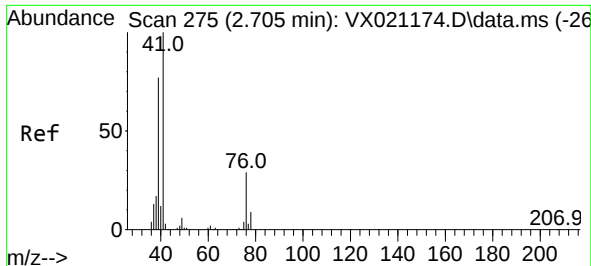
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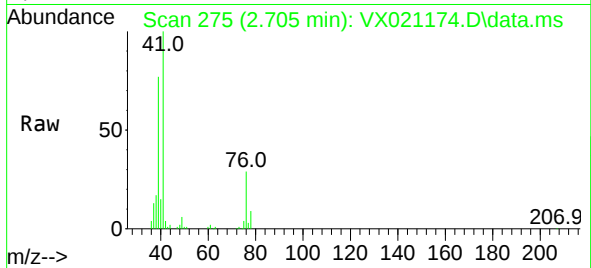
#16
Carbon Disulfide
Concen: 18.59 ug/l
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 76 Resp: 42970
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

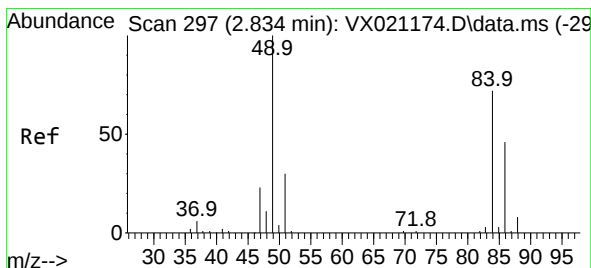
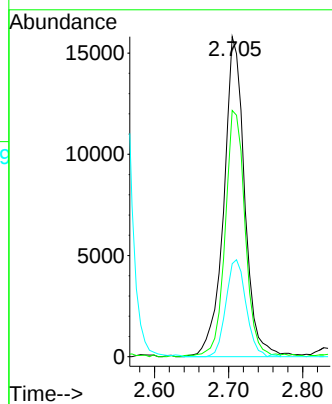
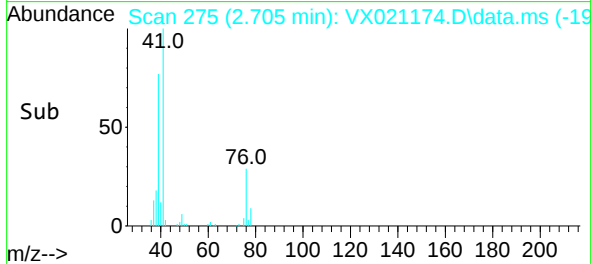




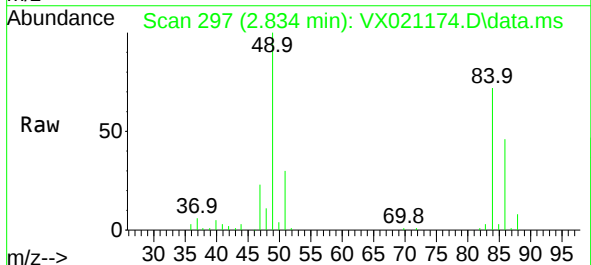
#17
 Allyl chloride
 Concen: 22.62 ug/l
 RT: 2.705 min Scan# 275
 Delta R.T. 0.000 min
 Lab File: VX021174.D
 Acq: 12 Mar 2021 11:02



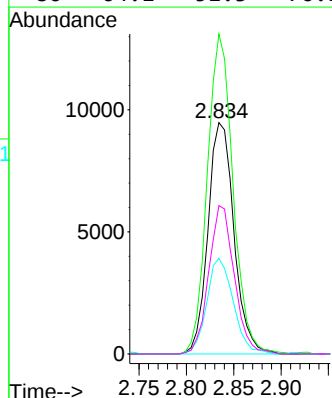
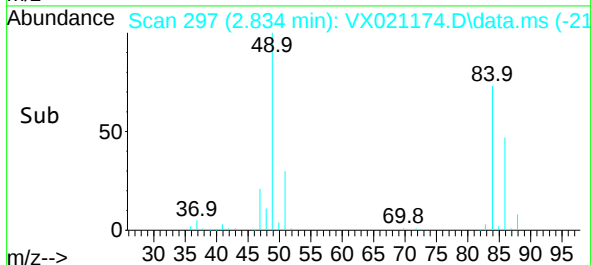
Tgt Ion:	41	Resp:	30911
Ion Ratio	Lower	Upper	
41	100		
39	76.9	34.8	104.4
76	29.0	21.3	63.9



#18
 Methylene Chloride
 Concen: 19.39 ug/l
 RT: 2.834 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VX021174.D
 Acq: 12 Mar 2021 11:02



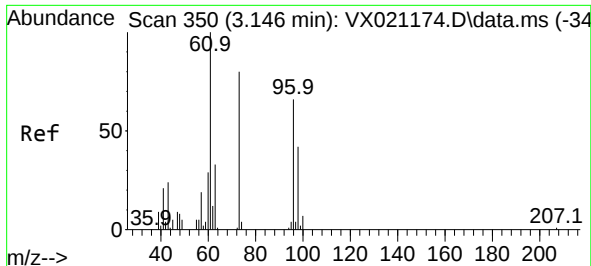
Tgt Ion:	84	Resp:	18131
Ion Ratio	Lower	Upper	
84	100		
49	138.3	90.6	136.0#
51	41.3	26.3	39.5#
86	64.1	51.3	76.9



Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

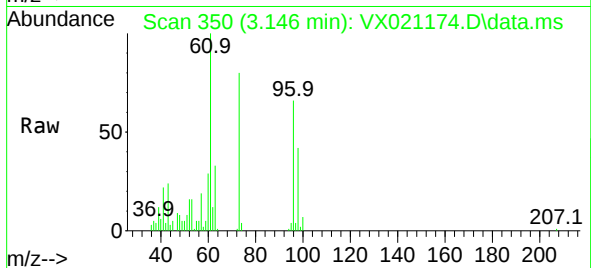
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#19
trans-1,2-Dichloroethene
Concen: 18.14 ug/l
RT: 3.146 min Scan# 350
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

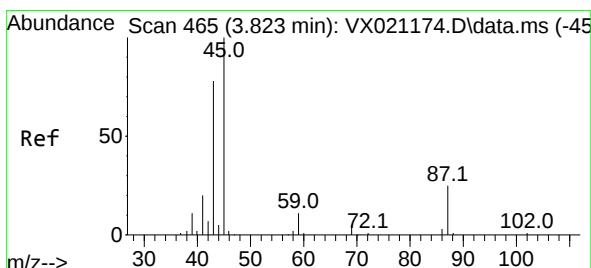
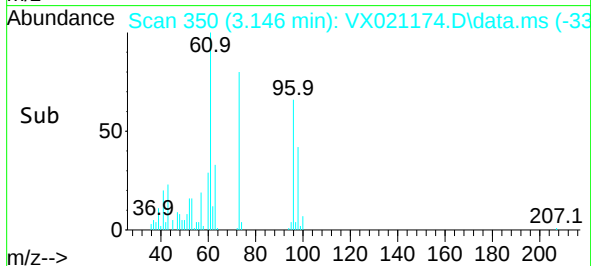
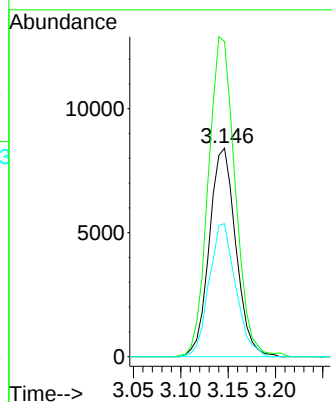
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.4	103.0	154.4
98	63.8	51.8	77.6

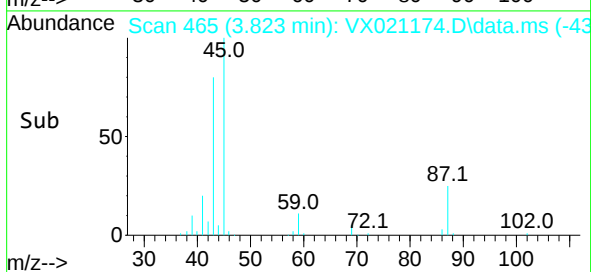
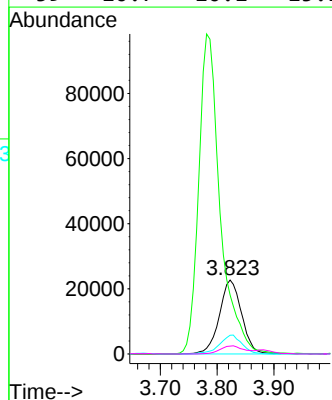
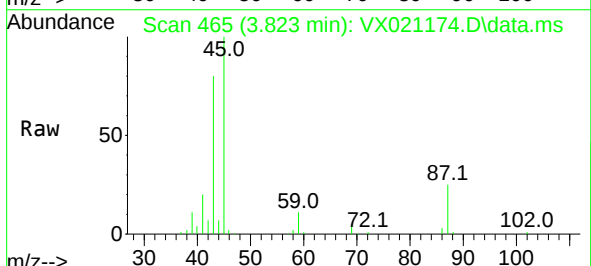
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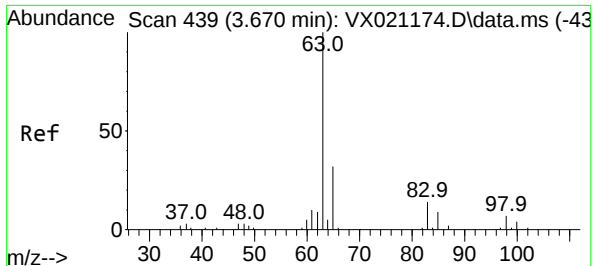
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#20
Diisopropyl ether
Concen: 22.35 ug/l
RT: 3.823 min Scan# 465
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.5	56.0	84.0
87	25.3	25.4	38.0#
59	10.7	10.1	15.1





#21

1,1-Dichloroethane

Concen: 20.62 ug/l

RT: 3.670 min Scan# 439

Delta R.T. 0.000 min

Lab File: VX021174.D

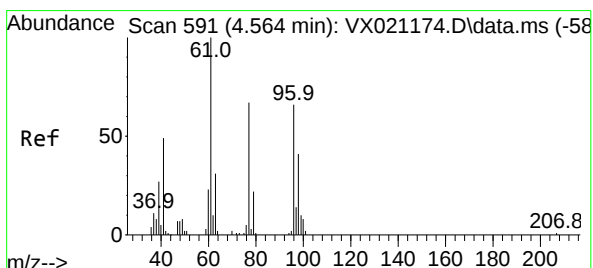
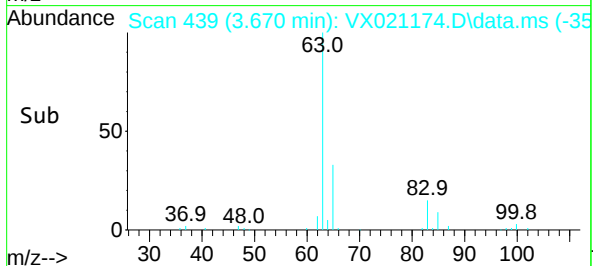
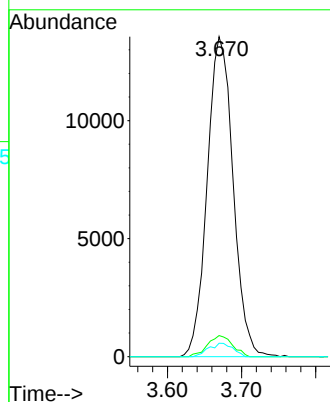
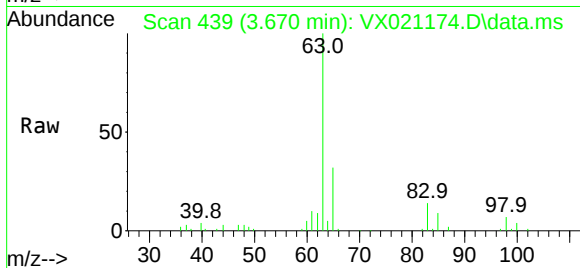
Acq: 12 Mar 2021 11:02

Tgt Ion:	63	Resp:	32922
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.9	11.7
100	4.2	2.5	7.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

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#22

cis-1,2-Dichloroethene

Concen: 18.41 ug/l

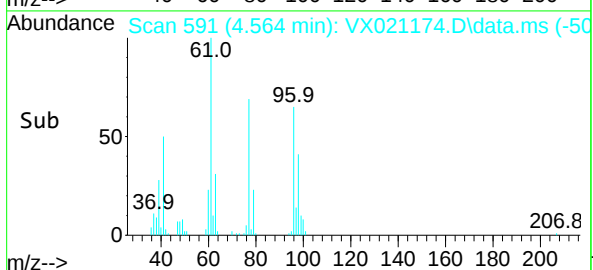
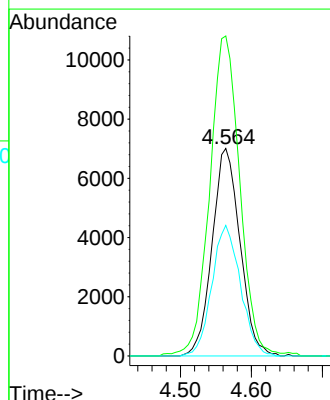
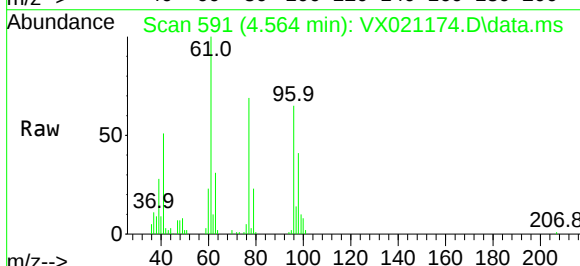
RT: 4.564 min Scan# 591

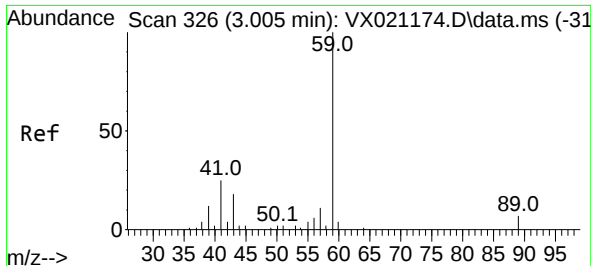
Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion:	96	Resp:	19118
Ion Ratio	Lower	Upper	
96	100		
61	165.7	114.1	171.1
98	64.4	51.8	77.8





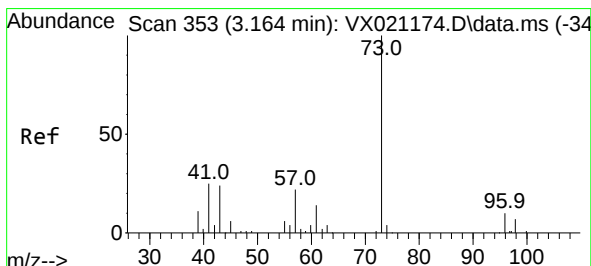
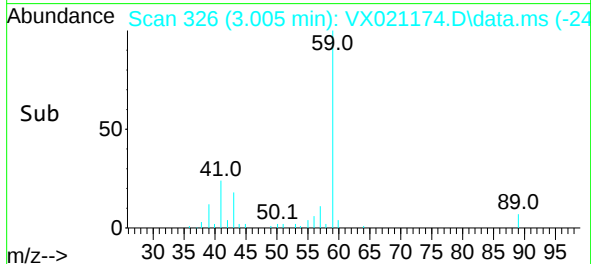
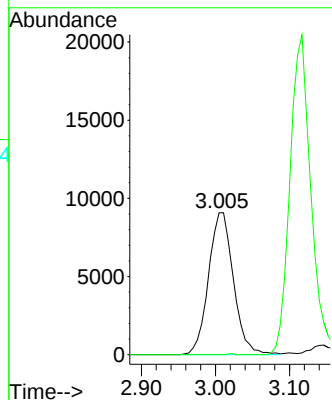
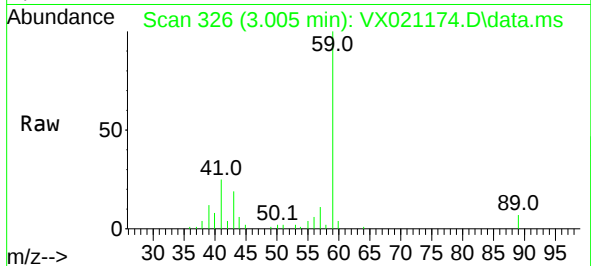
#23
tert-Butyl Alcohol
Concen: 100.60 ug/l
RT: 3.005 min Scan# 326
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 59 Resp: 21246
Ion Ratio Lower Upper
59 100
52 0.2 0.1 0.1#

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

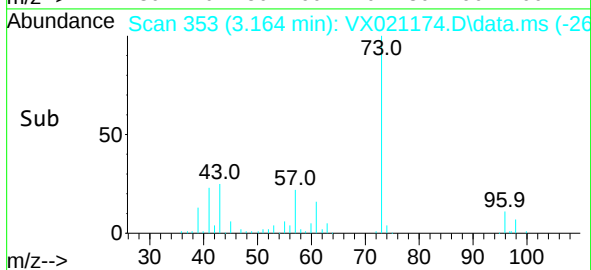
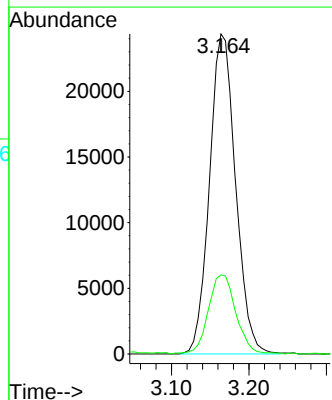
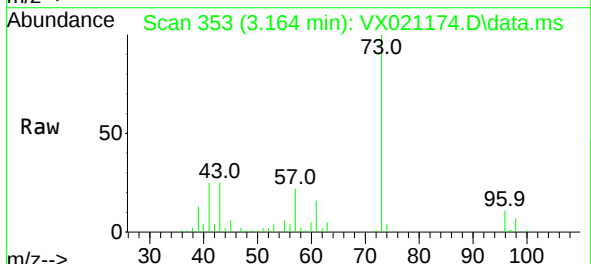
Manual Integrations
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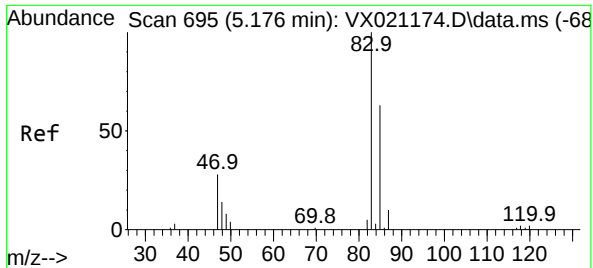
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#24
Methyl tert-Butyl Ether
Concen: 19.61 ug/l
RT: 3.164 min Scan# 353
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 73 Resp: 57111
Ion Ratio Lower Upper
73 100
43 26.0 14.9 22.3#





#25

Chloroform

Concen: 20.94 ug/l

RT: 5.176 min Scan# 695

Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion: 83 Resp: 34416

Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.2	76.8

Instrument :

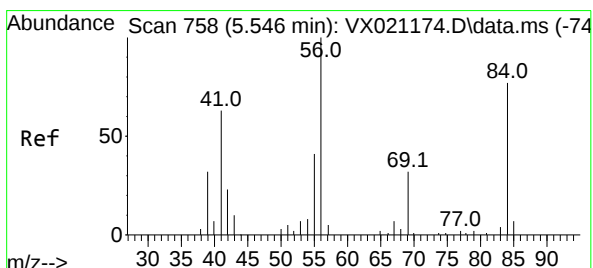
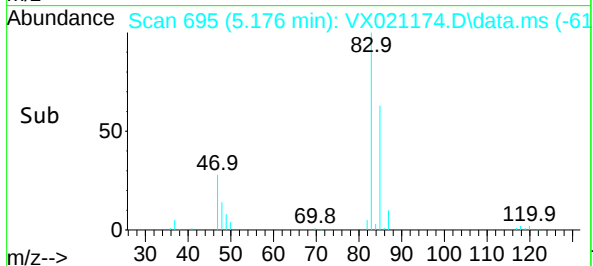
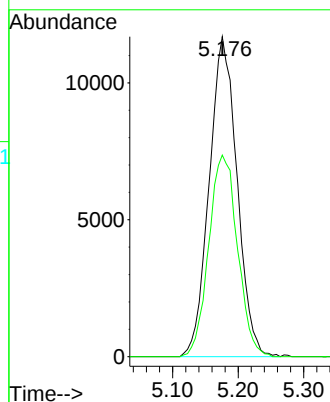
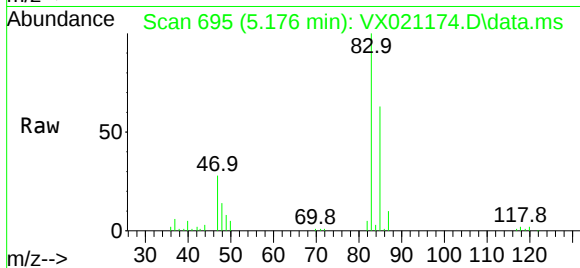
MSVOA_X

ClientSampleId :

VSTDICCC020

Manual Integrations
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#26

Cyclohexane

Concen: 20.23 ug/l

RT: 5.546 min Scan# 758

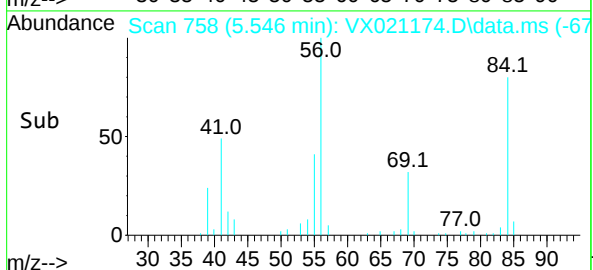
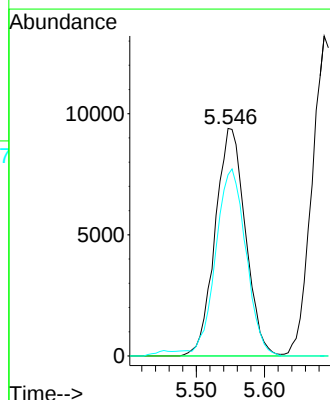
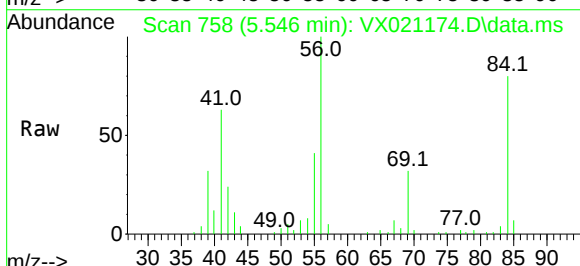
Delta R.T. 0.000 min

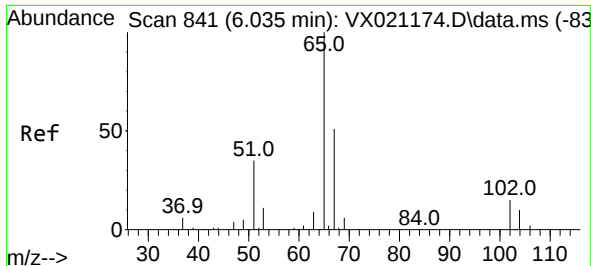
Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion: 56 Resp: 29058

Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	81.9	74.1	111.1





#27

1,2-Dichloroethane-d4

Concen: 36.61 ug/l

RT: 6.035 min Scan# 841

Delta R.T. 0.000 min

Lab File: VX021174.D

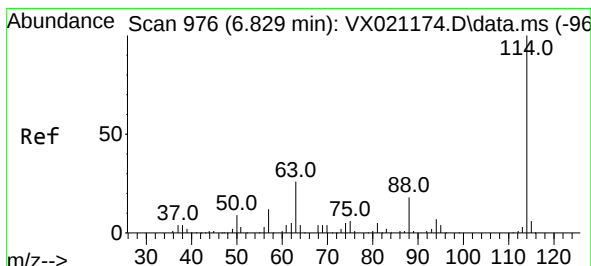
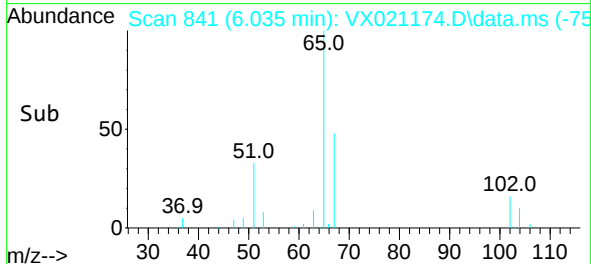
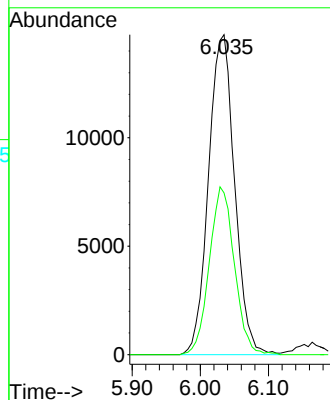
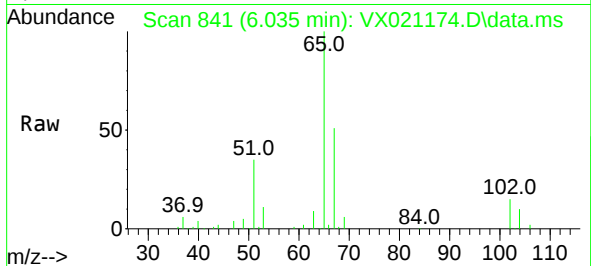
Acq: 12 Mar 2021 11:02

Tgt Ion: 65 Resp: 39380

Ion Ratio Lower Upper

65 100

67 50.2 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

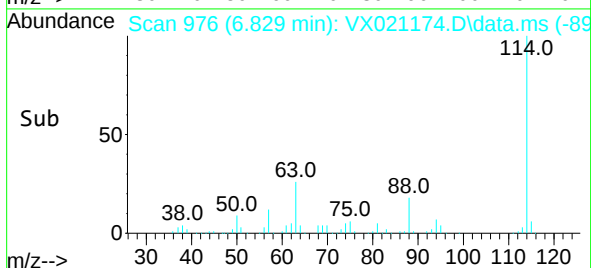
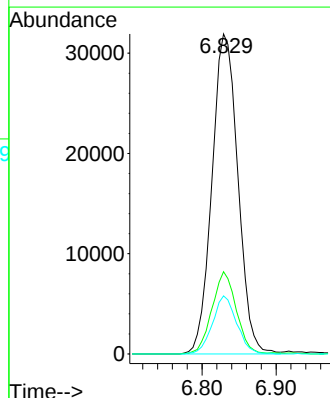
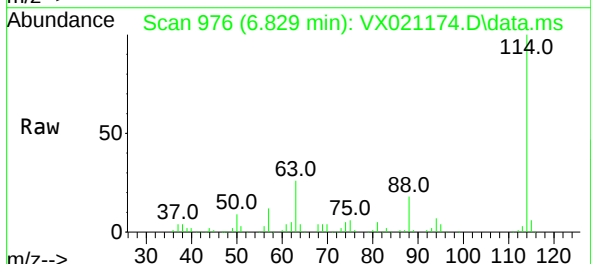
Tgt Ion: 114 Resp: 77646

Ion Ratio Lower Upper

114 100

63 24.1 16.2 24.2

88 16.9 13.0 19.6



Instrument :

MSVOA_X

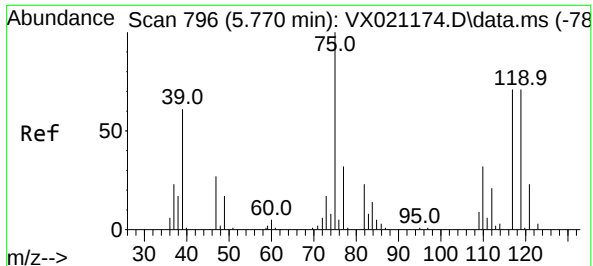
ClientSampleId :

VSTDICCC020

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#29

1,1-Dichloropropene

Concen: 20.28 ug/l

RT: 5.770 min Scan# 796

Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion: 75	Resp: 24242
Ion Ratio	Lower Upper
75 100	
110 32.3	0.0 72.4
77 31.5	0.0 62.4

Instrument :

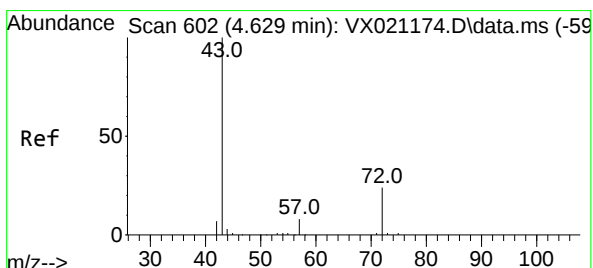
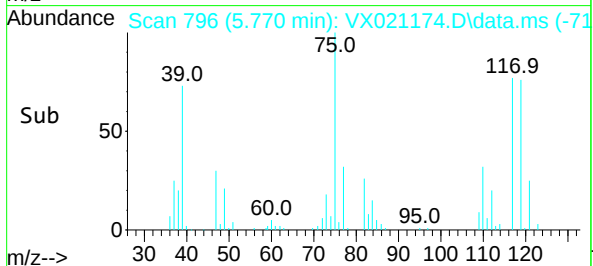
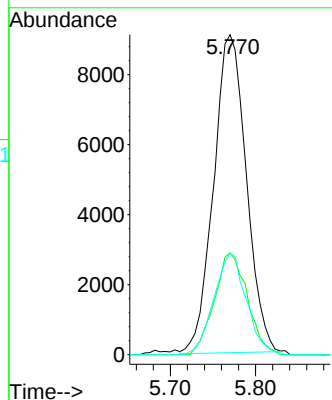
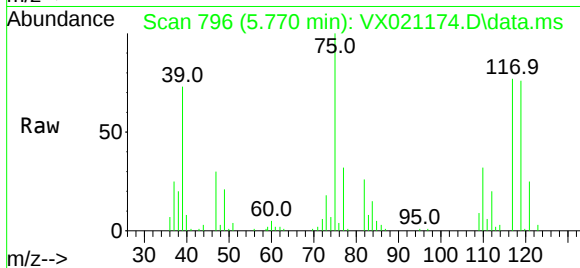
MSVOA_X

ClientSampleId :

VSTDICCC020

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#30

2-Butanone

Concen: 112.95 ug/l

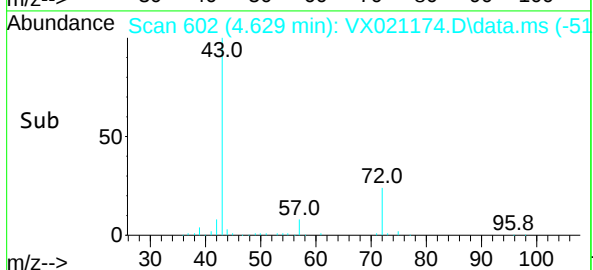
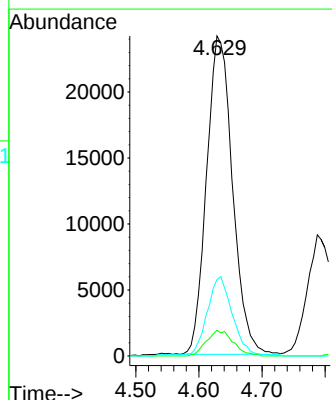
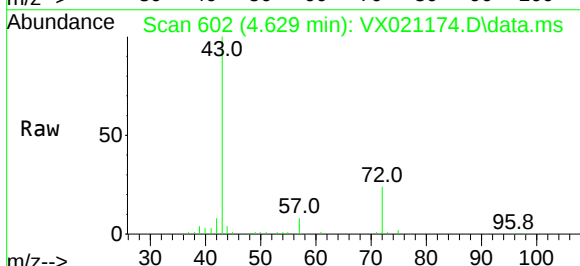
RT: 4.629 min Scan# 602

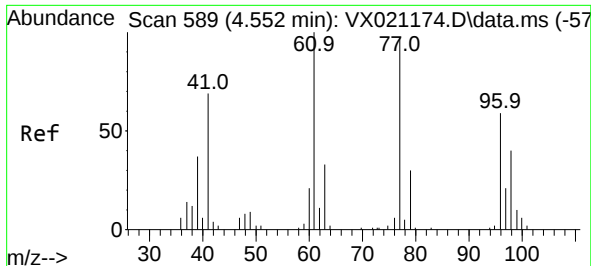
Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion: 43	Resp: 68885
Ion Ratio	Lower Upper
43 100	
57 8.3	7.2 10.8
72 24.0	23.7 35.5





#31

2,2-Dichloropropane

Concen: 20.01 ug/l

RT: 4.552 min Scan# 589

Delta R.T. 0.000 min

Lab File: VX021174.D

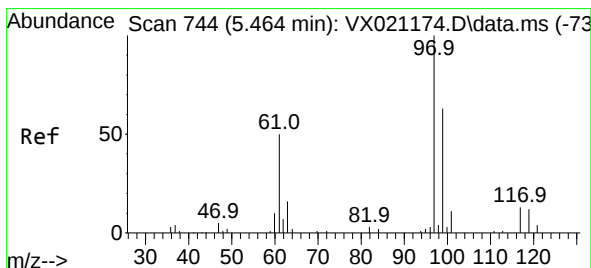
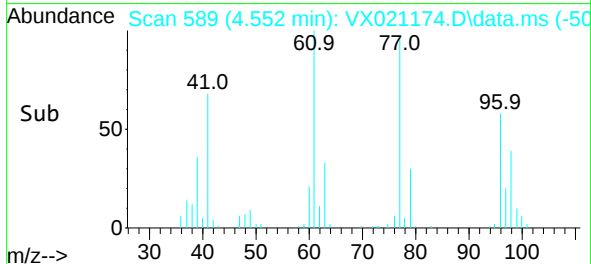
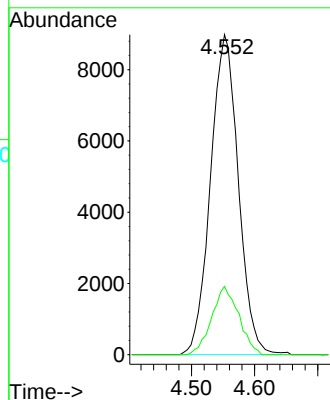
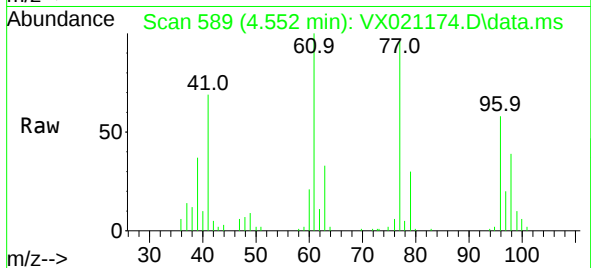
Acq: 12 Mar 2021 11:02

Tgt Ion: 77 Resp: 27475

Ion Ratio Lower Upper

77 100

97 20.7 18.6 28.0



#32

1,1,1-Trichloroethane

Concen: 21.59 ug/l

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

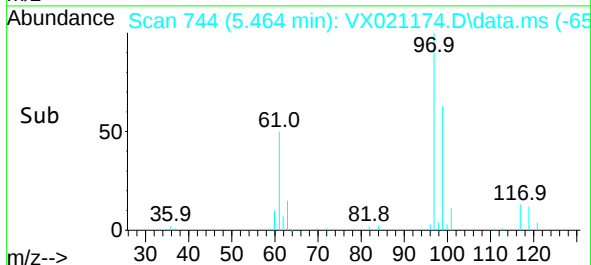
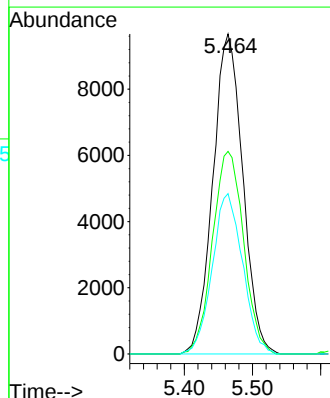
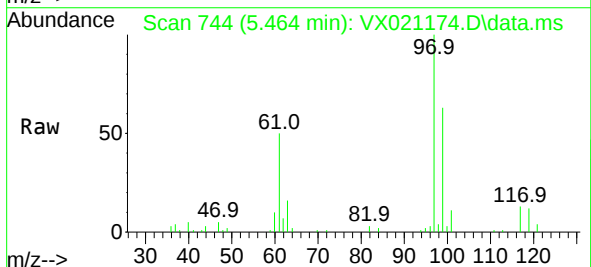
Tgt Ion: 97 Resp: 29535

Ion Ratio Lower Upper

97 100

99 65.6 51.7 77.5

61 50.8 34.3 51.5



Instrument :

MSVOA_X

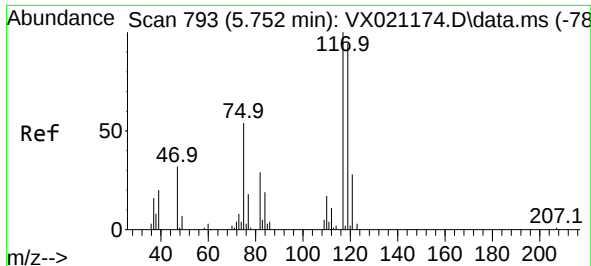
ClientSampleId :

VSTDICCC020

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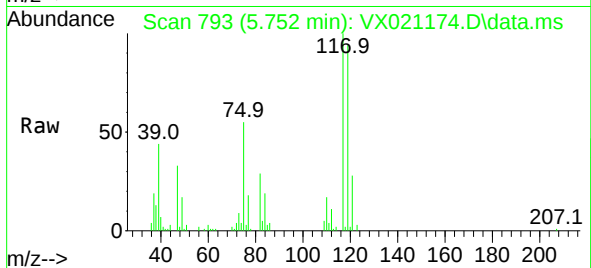
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#33
Carbon Tetrachloride
Concen: 21.98 ug/l
RT: 5.752 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

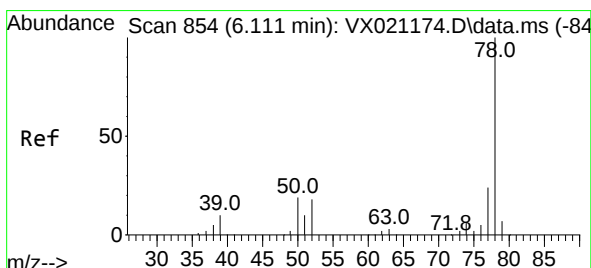
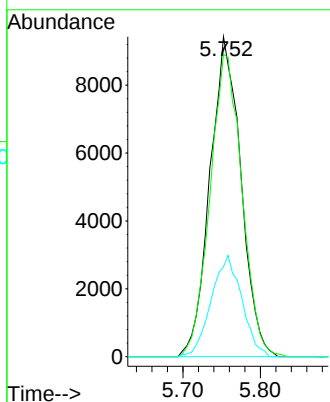
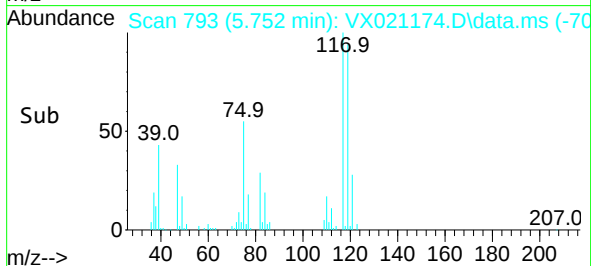
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



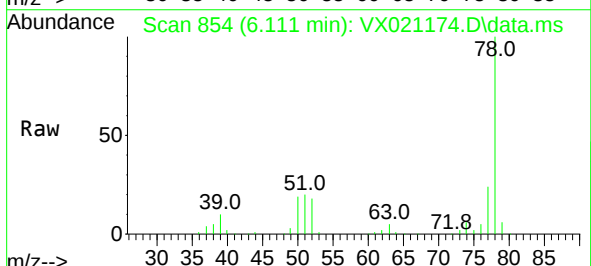
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	76.1	114.1
121	28.1	24.1	36.1

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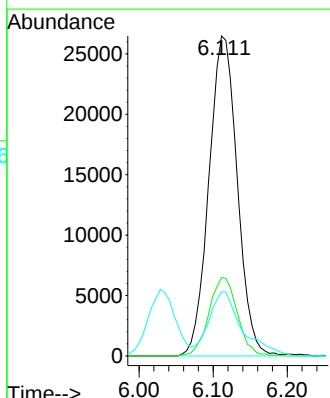
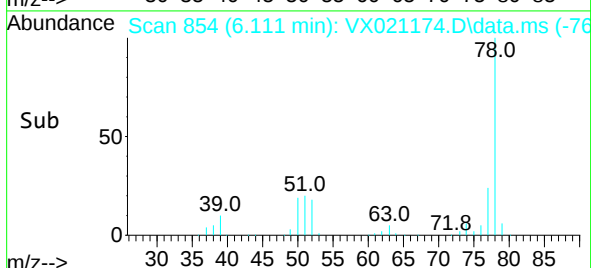
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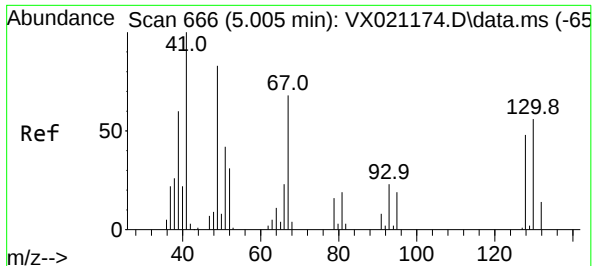


#34
Benzene
Concen: 19.72 ug/l
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.0	28.4
51	18.4	12.5	18.7





#35

Methacrylonitrile

Concen: 23.41 ug/l

RT: 5.005 min Scan# 666

Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion: 41 Resp: 15583

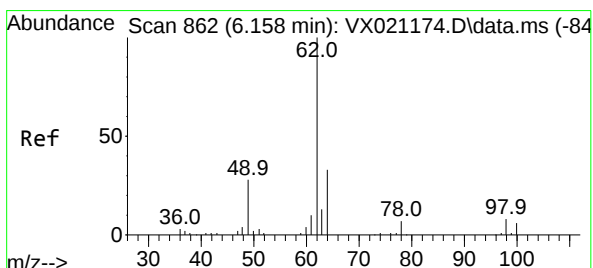
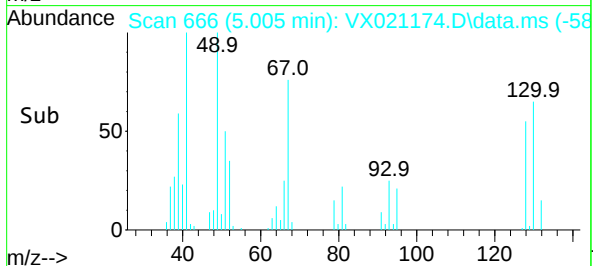
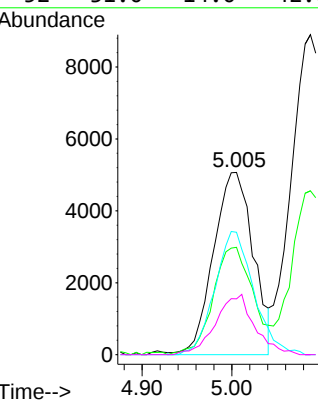
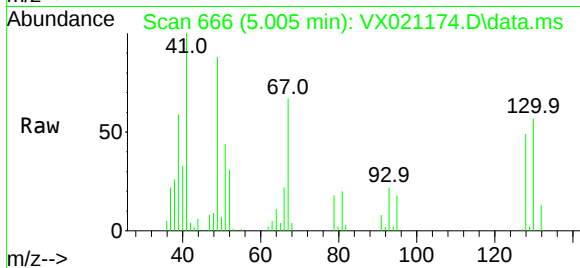
Ion Ratio Lower Upper

41 100

39 59.6 26.8 80.3

67 67.9 39.1 117.2

52 31.0 14.0 42.0



#36

1,2-Dichloroethane

Concen: 24.40 ug/l

RT: 6.158 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX021174.D

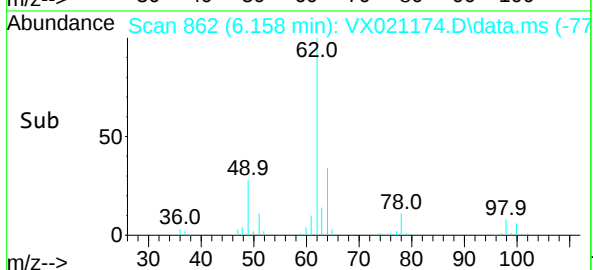
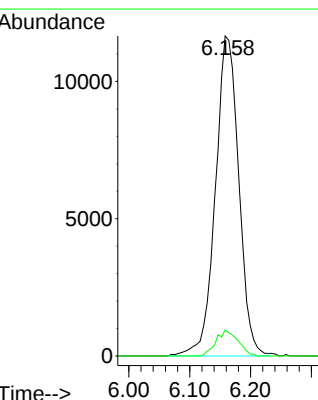
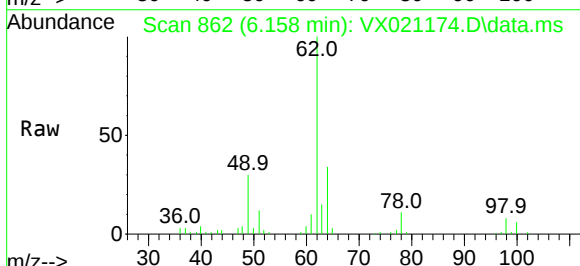
Acq: 12 Mar 2021 11:02

Tgt Ion: 62 Resp: 31126

Ion Ratio Lower Upper

62 100

98 7.6 8.1 12.1#



Instrument :

MSVOA_X

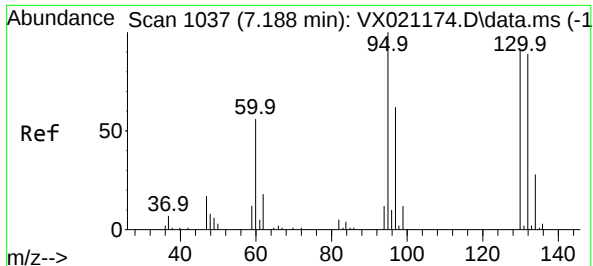
ClientSampleId :

VSTDICCC020

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#37

Trichloroethene

Concen: 19.13 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VX021174.D

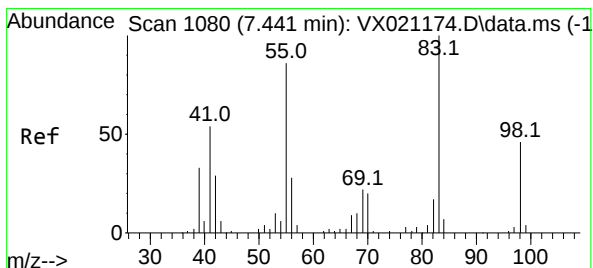
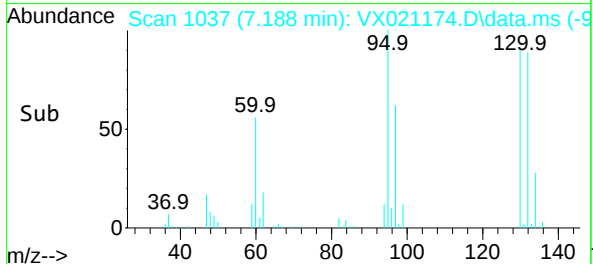
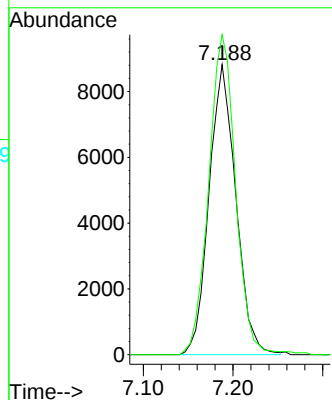
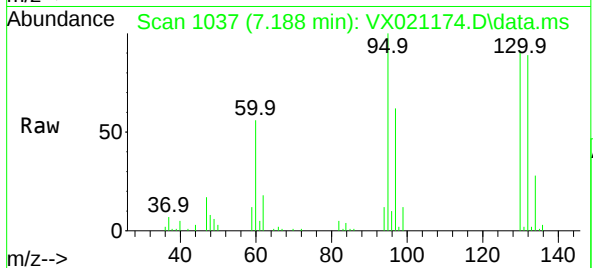
Acq: 12 Mar 2021 11:02

Tgt Ion:130 Resp: 18284

Ion Ratio Lower Upper

130 100

95 110.3 80.2 120.4



#38

Methylcyclohexane

Concen: 18.37 ug/l

RT: 7.441 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

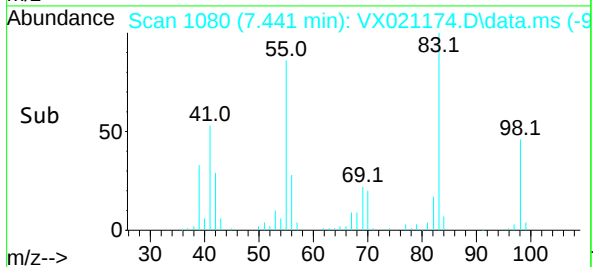
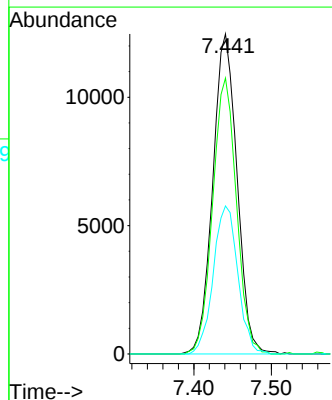
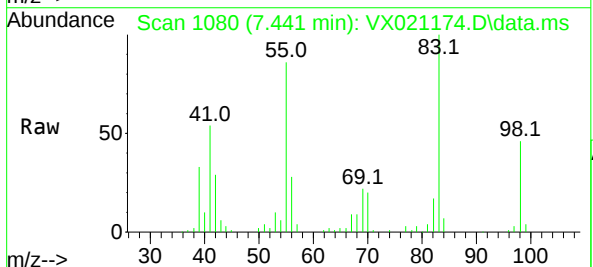
Tgt Ion: 83 Resp: 27145

Ion Ratio Lower Upper

83 100

55 84.7 37.4 112.1

98 46.9 24.7 74.1



Instrument :

MSVOA_X

ClientSampleId :

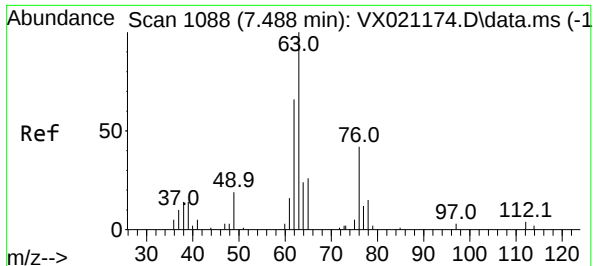
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#39

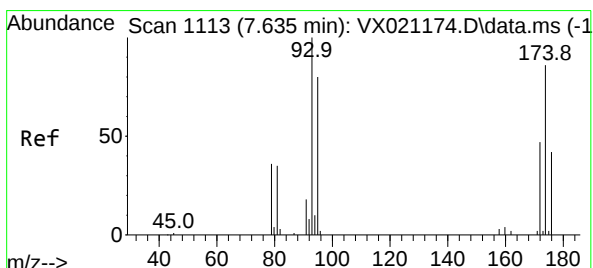
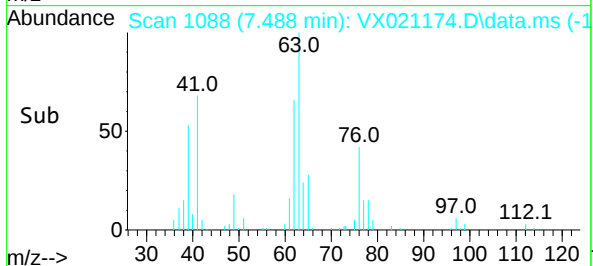
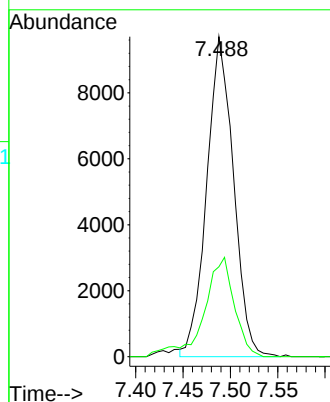
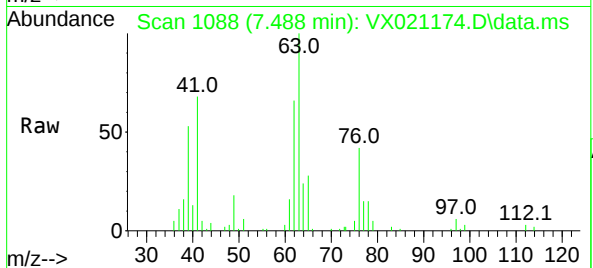
1,2-Dichloropropane
Concen: 21.11 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 63 Resp: 19081
Ion Ratio Lower Upper
63 100
65 28.1 25.6 38.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations
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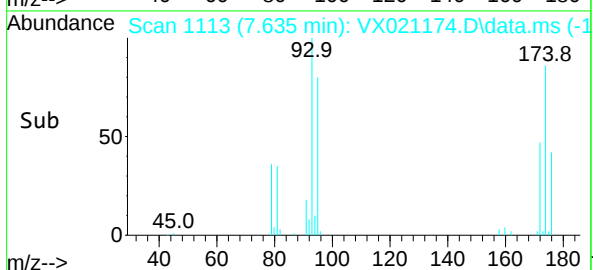
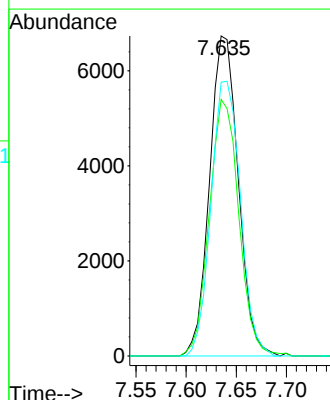
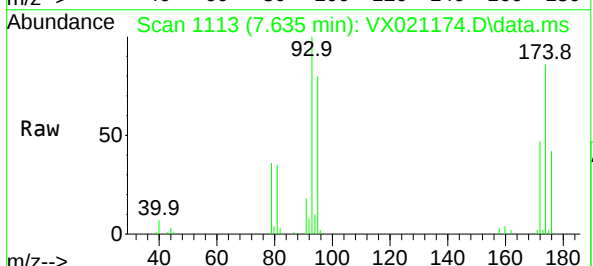
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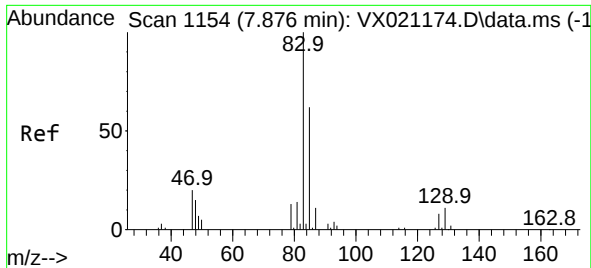


#40

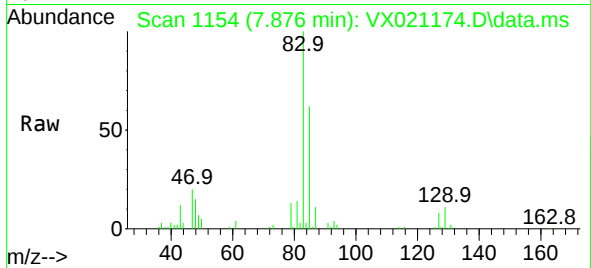
Dibromomethane
Concen: 21.51 ug/l
RT: 7.635 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 93 Resp: 13410
Ion Ratio Lower Upper
93 100
95 82.3 0.0 167.4
174 87.8 0.0 211.8

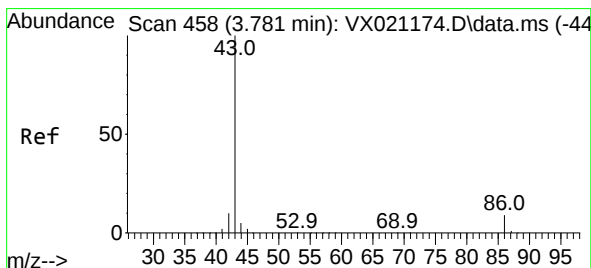
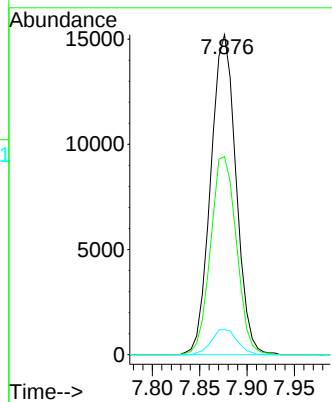
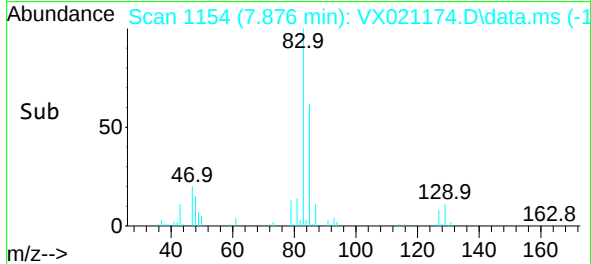




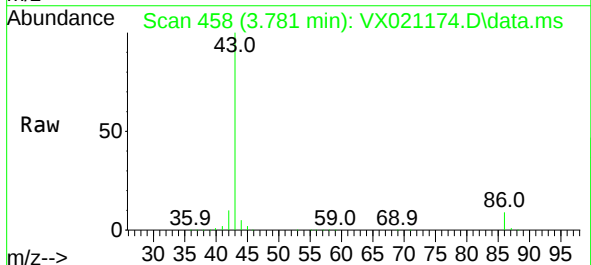
#41
Bromodichloromethane
Concen: 21.72 ug/l
RT: 7.876 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



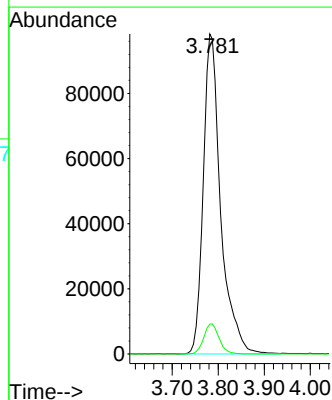
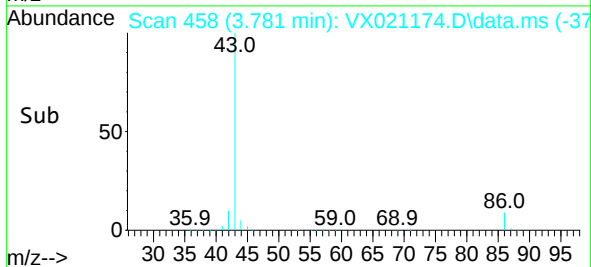
Tgt Ion: 83 Resp: 28295
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0
127 7.8 7.1 10.7



#42
Vinyl Acetate
Concen: 113.42 ug/l
RT: 3.781 min Scan# 458
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



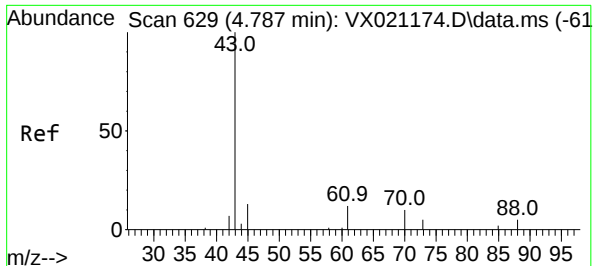
Tgt Ion: 43 Resp: 258736
Ion Ratio Lower Upper
43 100
86 8.3 9.0 13.4#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations
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#43

Ethyl Acetate

Concen: 23.11 ug/l

RT: 4.787 min Scan# 629

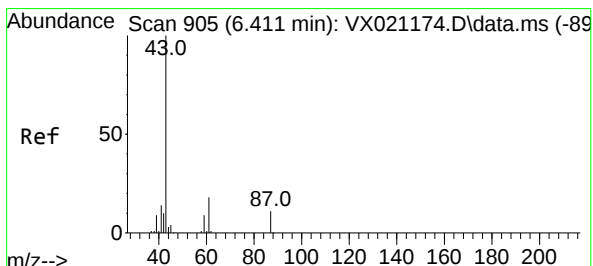
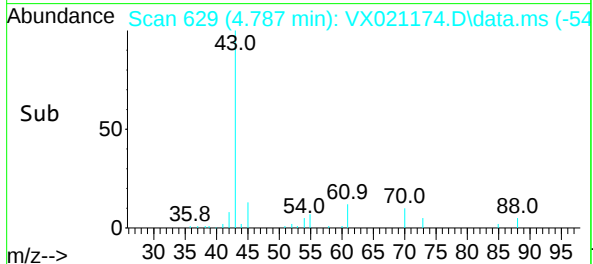
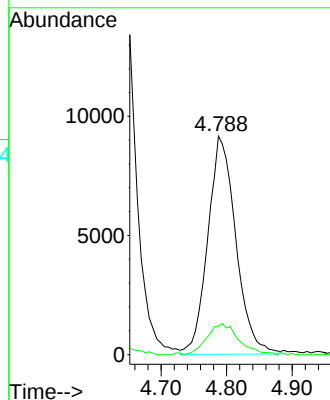
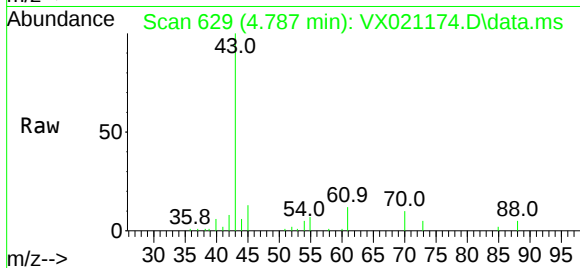
Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion: 43 Resp: 27199

Ion	Ratio	Lower	Upper
43	100		
45	16.0	12.2	18.4



#44

Isopropyl Acetate

Concen: 22.62 ug/l

RT: 6.411 min Scan# 905

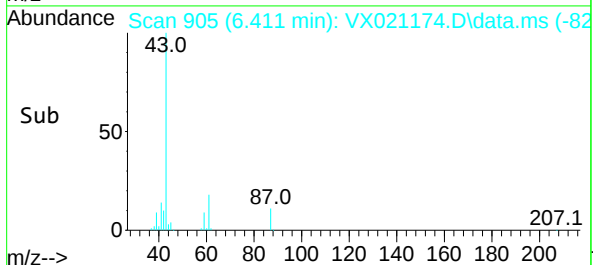
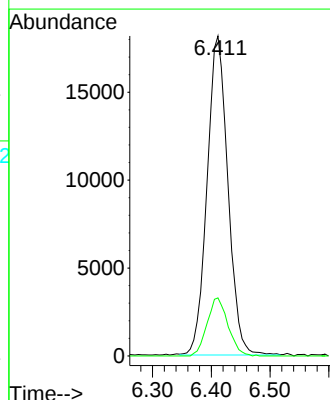
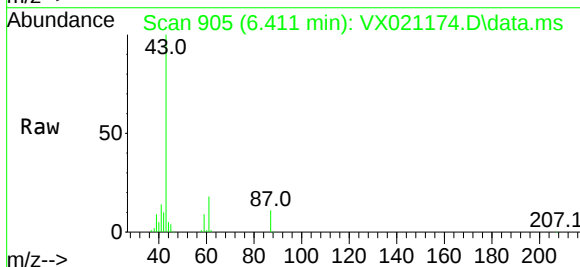
Delta R.T. 0.000 min

Lab File: VX021174.D

Acq: 12 Mar 2021 11:02

Tgt Ion: 43 Resp: 44732

Ion	Ratio	Lower	Upper
43	100		
61	18.3	18.1	27.1



Instrument :

MSVOA_X

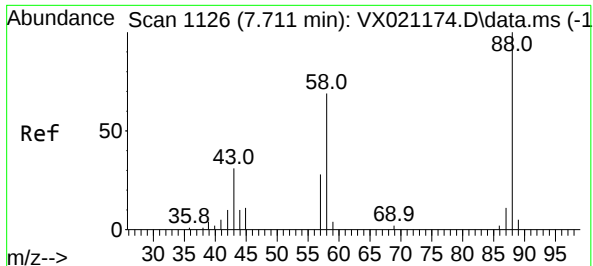
ClientSampleId :

VSTDICCC020

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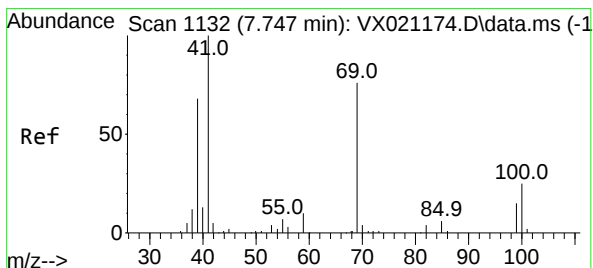
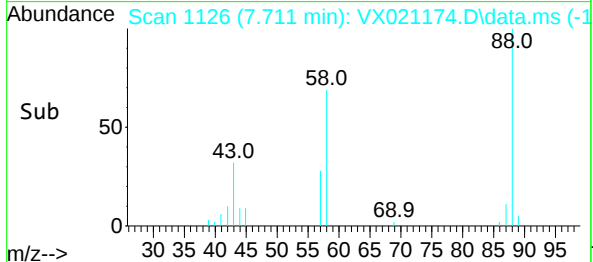
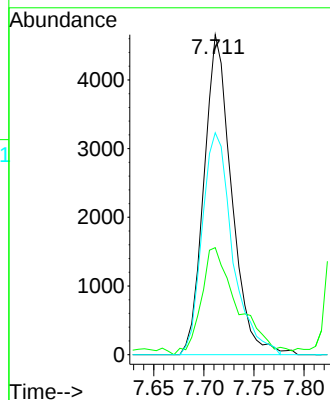
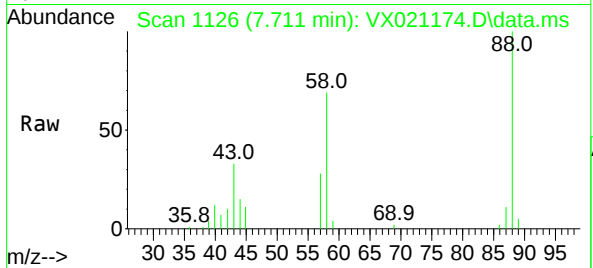
#45
1,4-Dioxane
Concen: 403.47 ug/l
RT: 7.711 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 88 Resp: 8899
Ion Ratio Lower Upper
88 100
43 35.0 22.2 33.2#
58 76.4 53.9 80.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

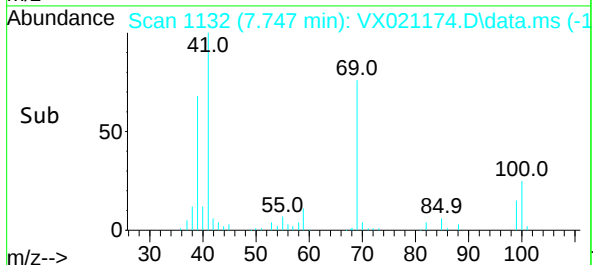
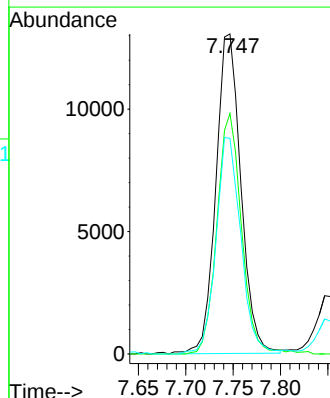
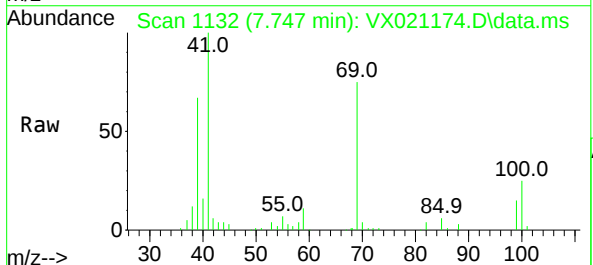
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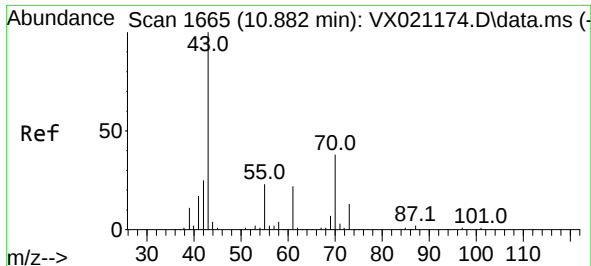
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#46
Methyl methacrylate
Concen: 23.96 ug/l
RT: 7.747 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 41 Resp: 23958
Ion Ratio Lower Upper
41 100
69 75.7 46.9 140.6
39 67.9 28.0 83.9





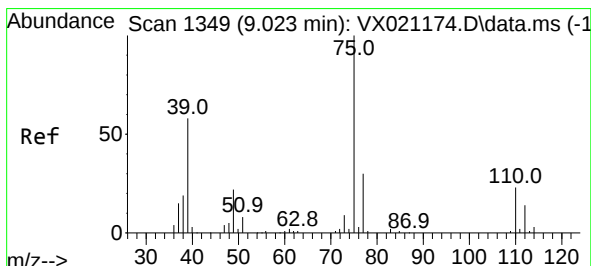
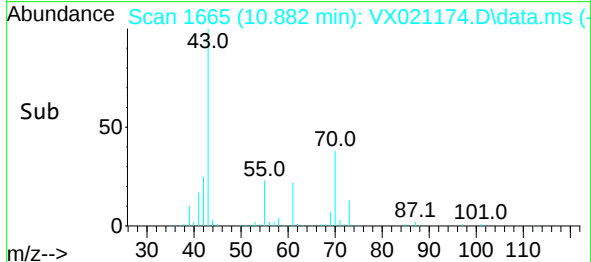
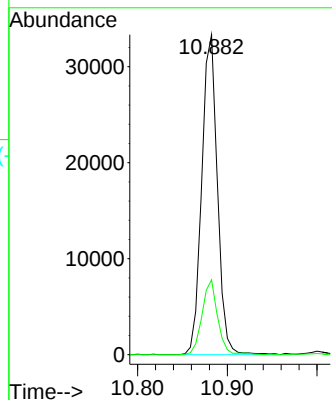
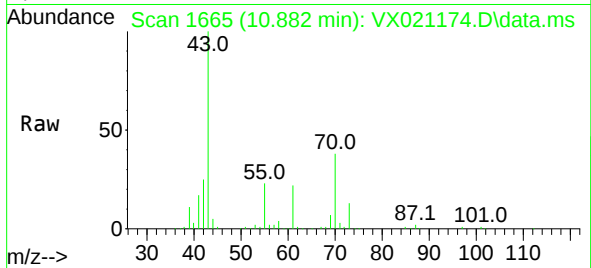
#47
n-amyl Acetate
Concen: 24.29 ug/l
RT: 10.882 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 43 Resp: 40398
Ion Ratio Lower Upper
43 100
55 22.8 21.8 32.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

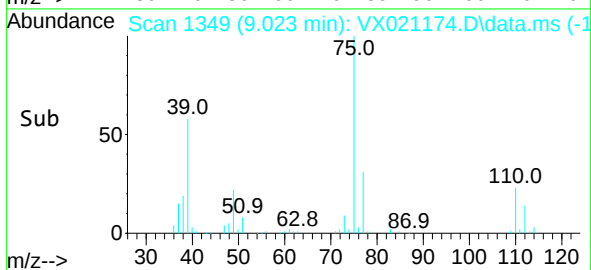
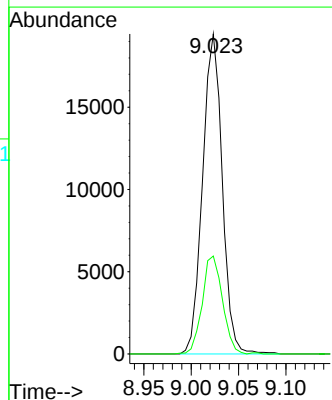
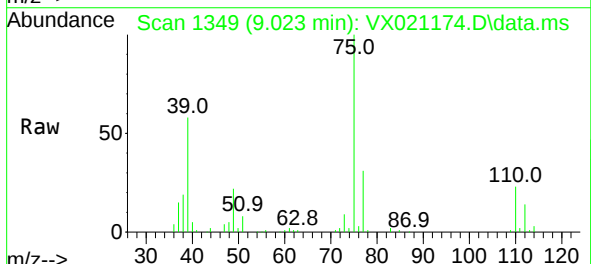
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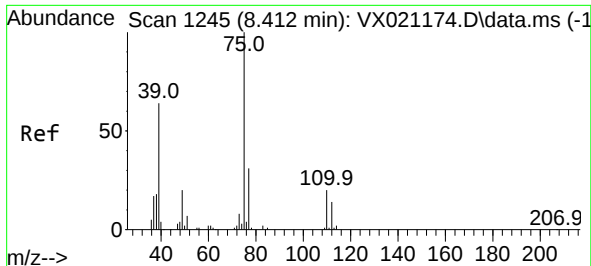
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#48
t-1,3-Dichloropropene
Concen: 19.70 ug/l
RT: 9.023 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

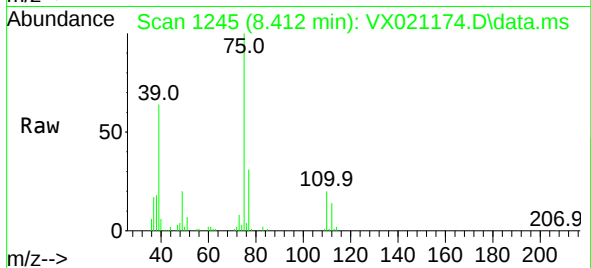
Tgt Ion: 75 Resp: 28115
Ion Ratio Lower Upper
75 100
77 30.6 25.0 37.6





#49
cis-1,3-Dichloropropene
Concen: 19.53 ug/l
RT: 8.412 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

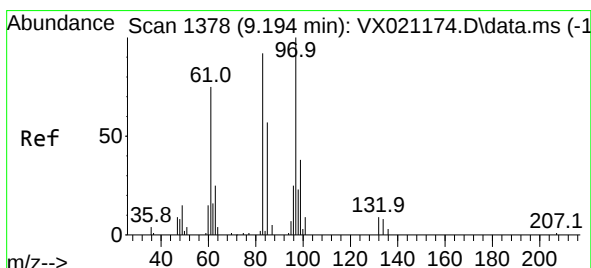
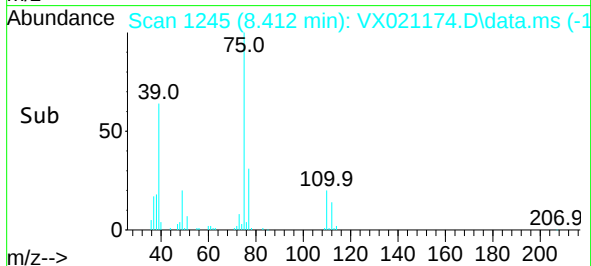
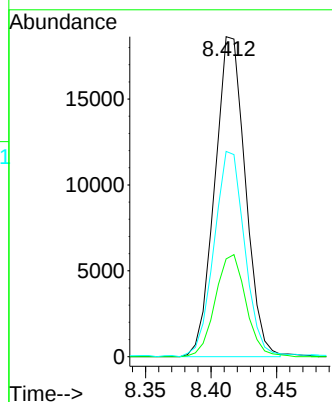
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion: 75 Resp: 30219
Ion Ratio Lower Upper
75 100
77 30.6 24.4 36.6
39 64.1 35.4 53.0#

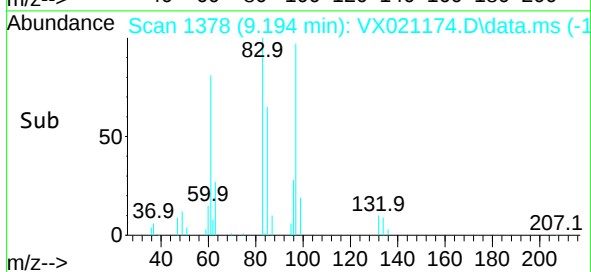
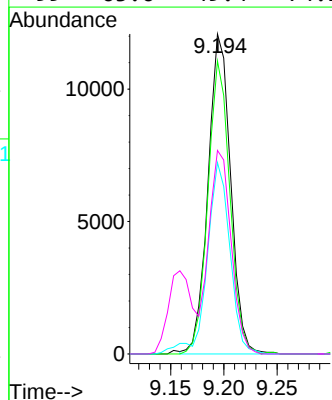
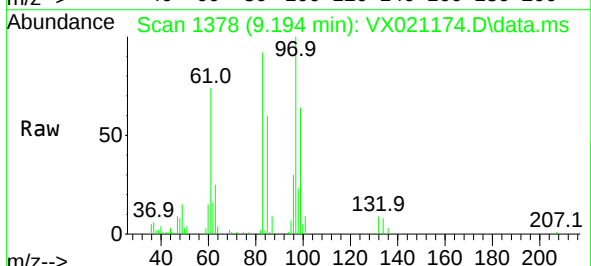
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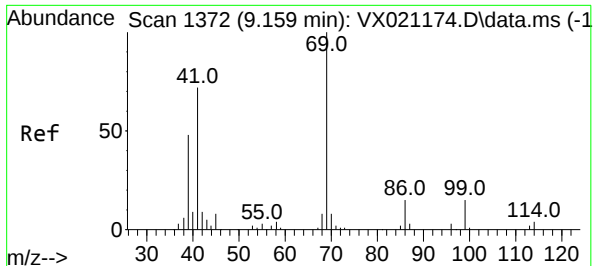
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#50
1,1,2-Trichloroethane
Concen: 19.94 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 97 Resp: 17834
Ion Ratio Lower Upper
97 100
83 91.6 68.5 102.7
85 59.8 43.8 65.6
99 63.6 49.4 74.2





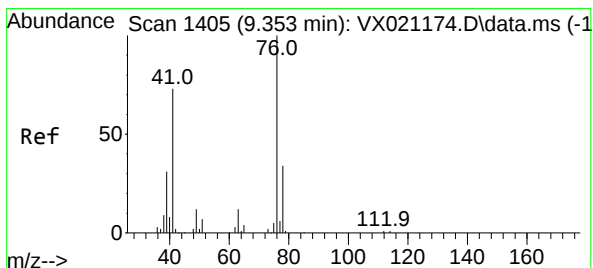
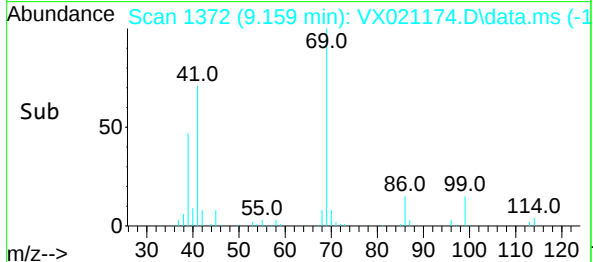
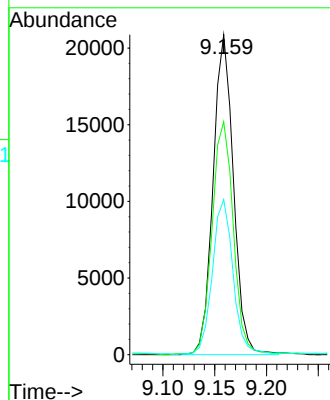
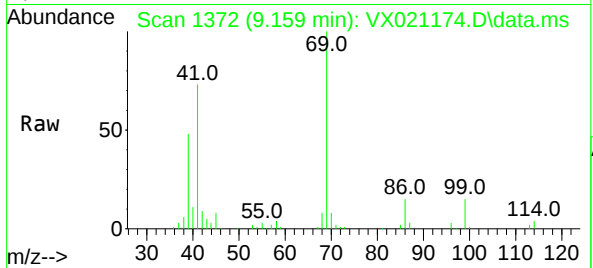
#51
Ethyl methacrylate
Concen: 20.18 ug/l m
RT: 9.159 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.8	29.1	87.4
39	48.5	15.4	46.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

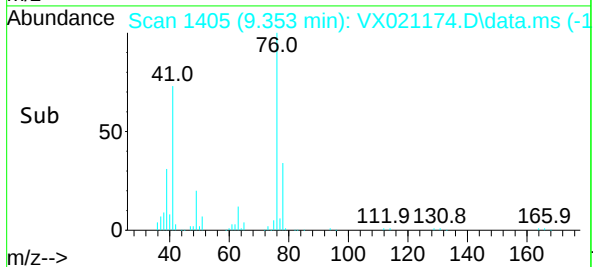
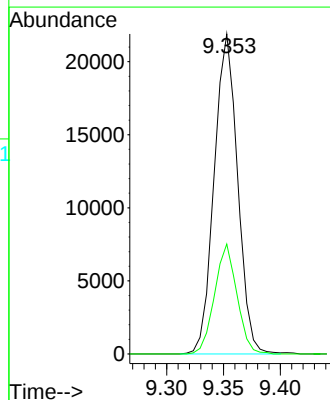
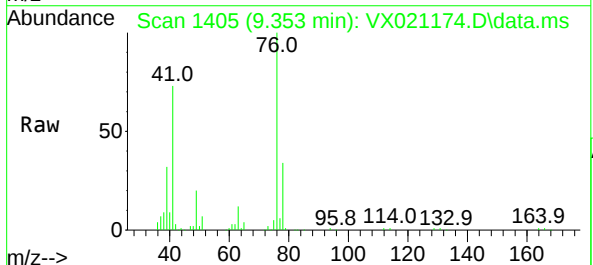
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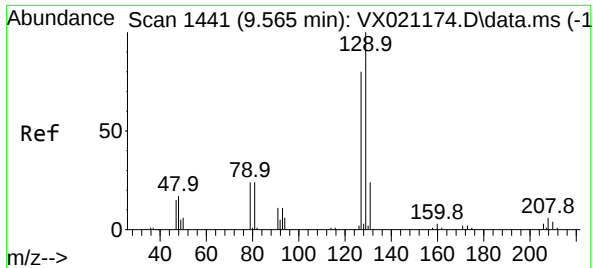
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#52
1,3-Dichloropropane
Concen: 20.61 ug/l
RT: 9.353 min Scan# 1405
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.7	0.0	66.0





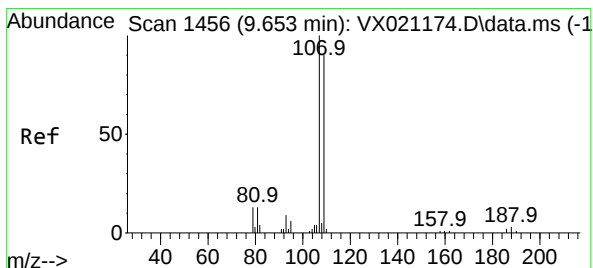
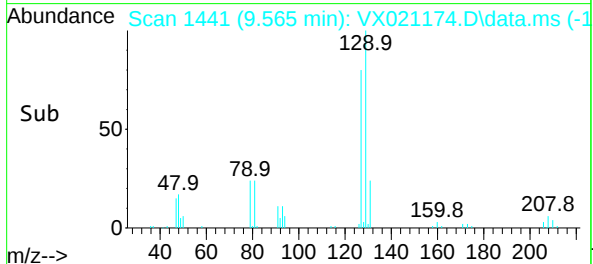
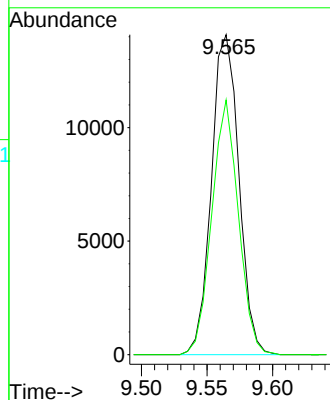
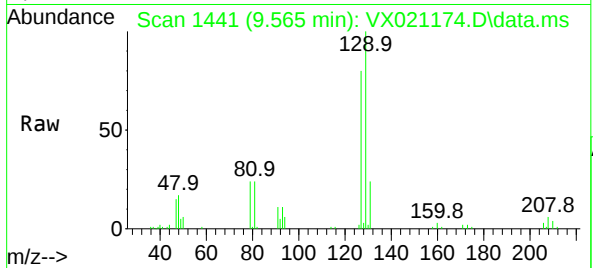
#53
Dibromochloromethane
Concen: 21.17 ug/l
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:129 Resp: 20515
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

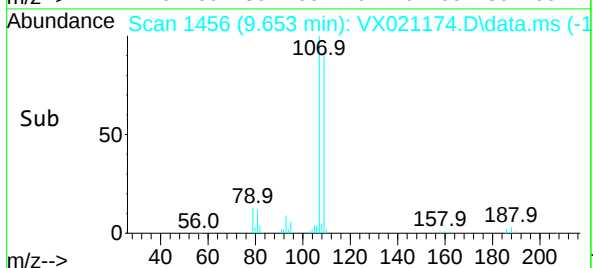
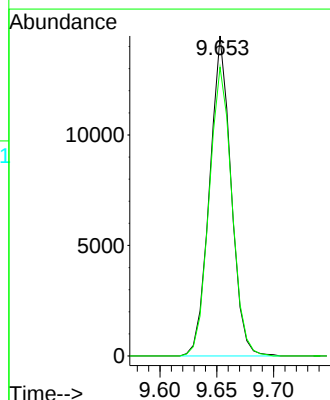
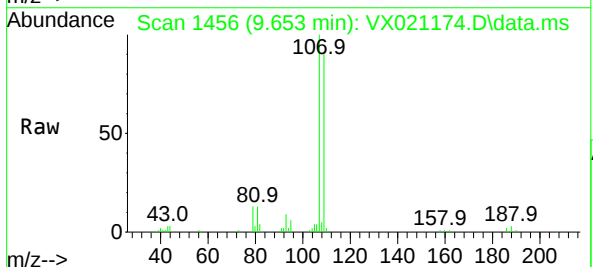
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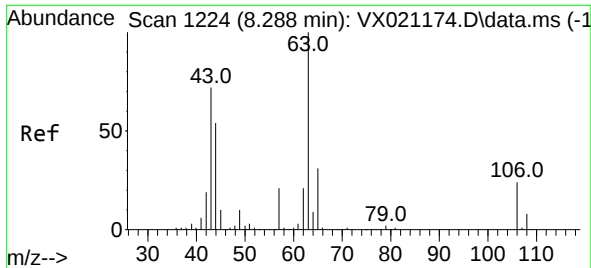
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#54
1,2-Dibromoethane
Concen: 20.24 ug/l
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:107 Resp: 19012
Ion Ratio Lower Upper
107 100
109 95.5 73.6 110.4





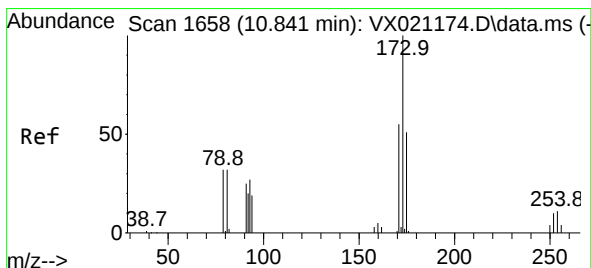
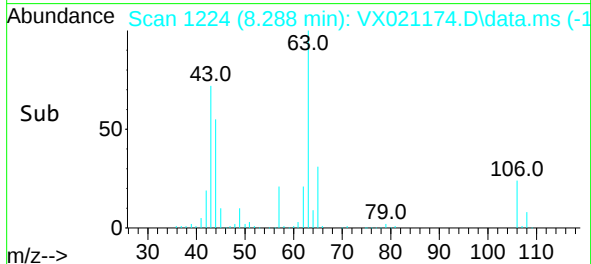
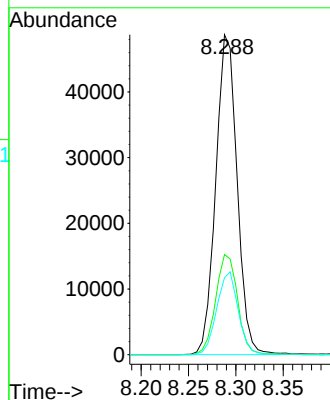
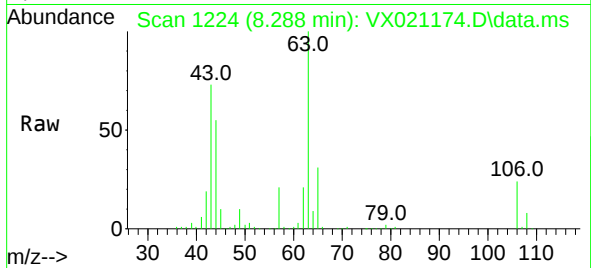
#55
2-Chloroethyl vinyl ether
Concen: 111.59 ug/l
RT: 8.288 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:	63	Resp:	76531
Ion Ratio	Lower	Upper	
63	100		
65	32.0	25.9	38.9
106	26.1	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

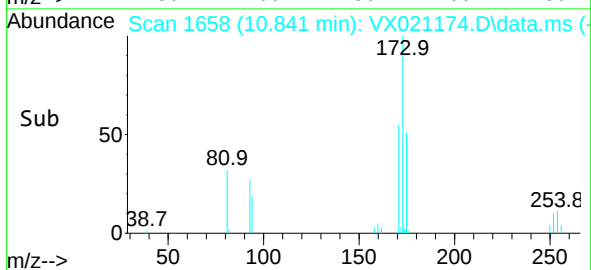
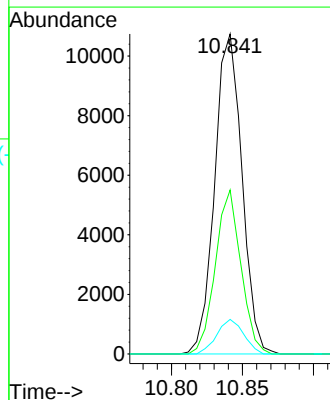
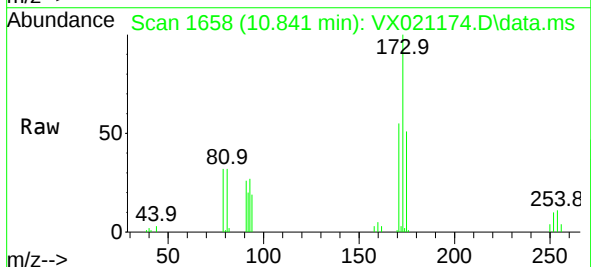
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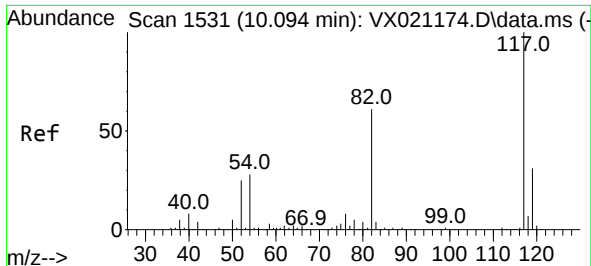
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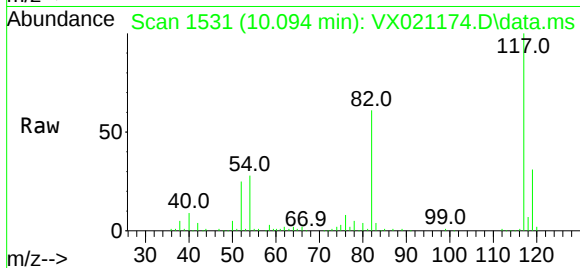
#56
Bromoform
Concen: 21.19 ug/l
RT: 10.841 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:	173	Resp:	14352
Ion Ratio	Lower	Upper	
173	100		
175	47.9	38.1	57.1
254	10.6	8.2	12.4

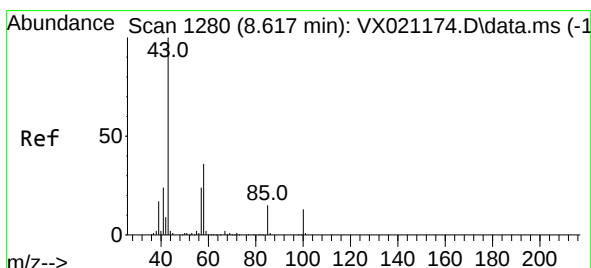
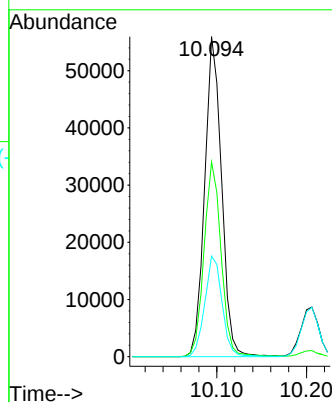
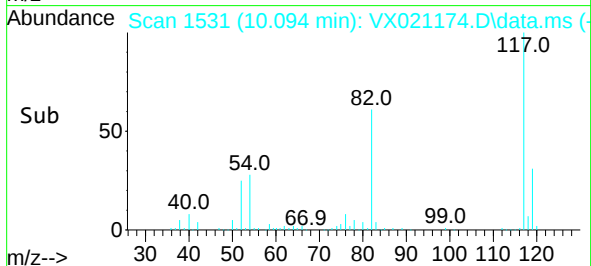




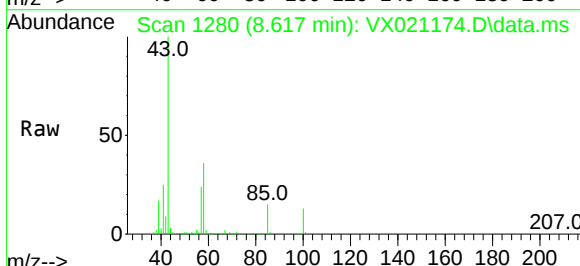
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



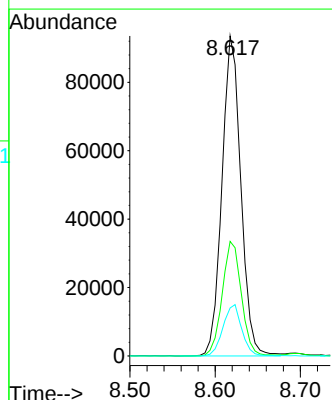
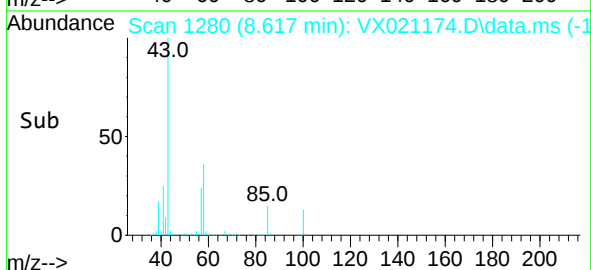
Tgt Ion: 117 Resp: 73312
Ion Ratio Lower Upper
117 100
82 61.3 45.0 67.6
119 32.0 25.6 38.4



#58
4-Methyl-2-Pentanone
Concen: 116.94 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



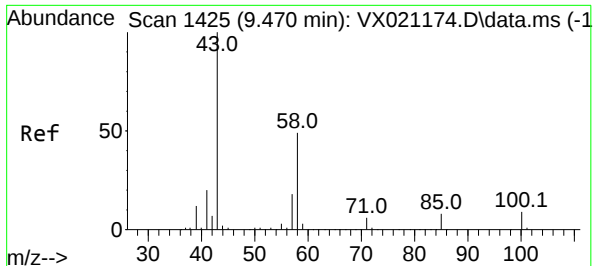
Tgt Ion: 43 Resp: 144571
Ion Ratio Lower Upper
43 100
58 36.3 35.2 52.8
85 15.9 16.8 25.2#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

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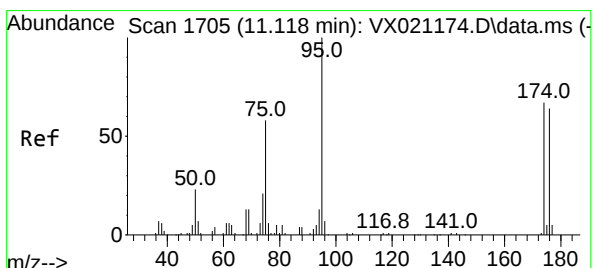
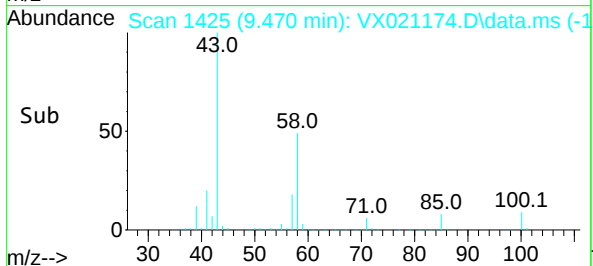
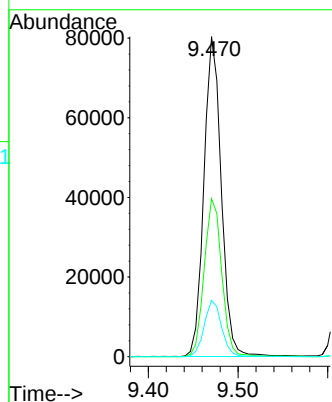
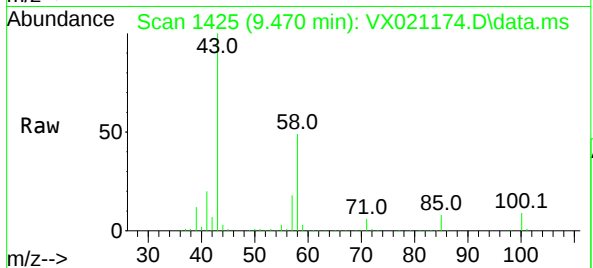
#59
2-Hexanone
Concen: 115.87 ug/l
RT: 9.470 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 43 Resp: 108103
Ion Ratio Lower Upper
43 100
58 49.9 49.0 73.6
57 17.6 17.1 25.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

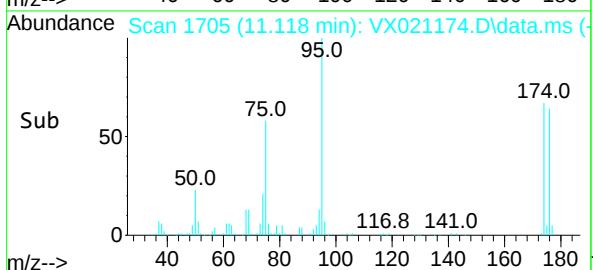
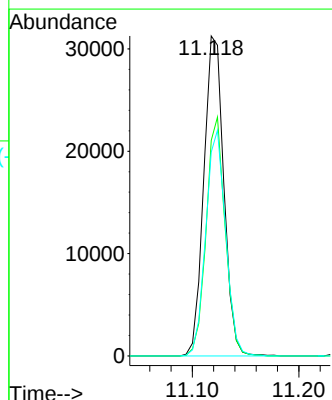
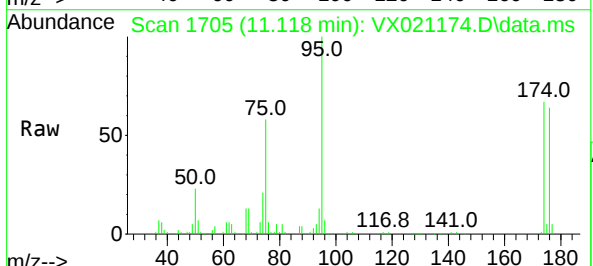
Manual Integrations
APPROVED

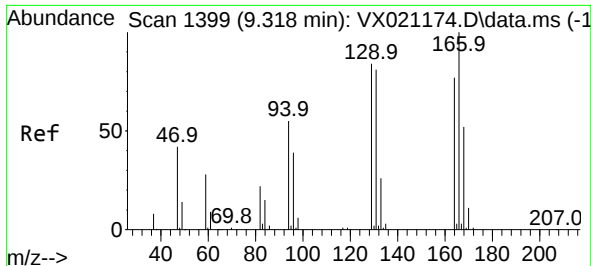
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#60
4-Bromofluorobenzene
Concen: 32.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

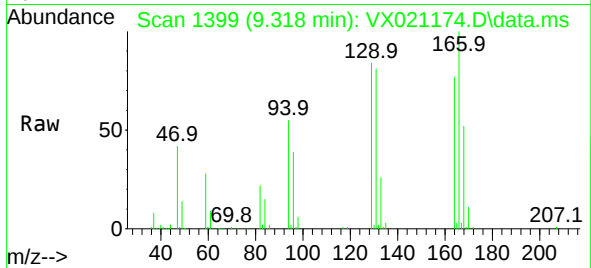
Tgt Ion: 95 Resp: 40830
Ion Ratio Lower Upper
95 100
174 70.6 63.0 94.4
176 70.0 59.9 89.9





#61
Tetrachloroethene
Concen: 19.80 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

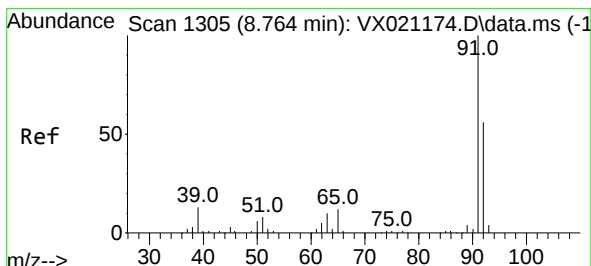
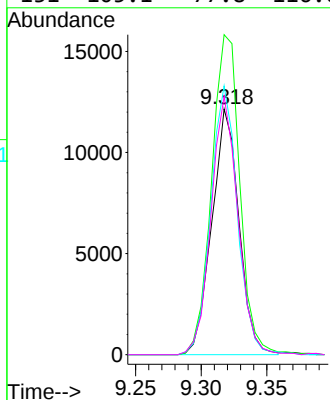
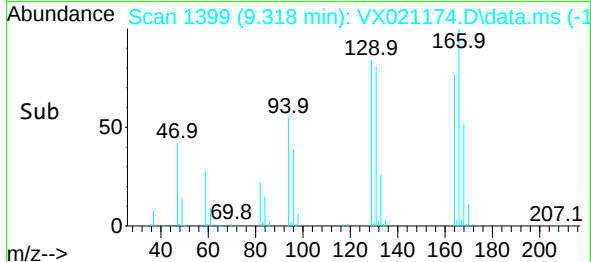
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



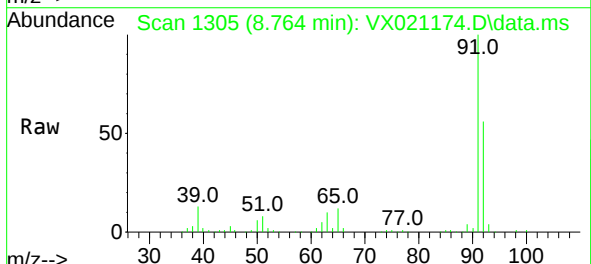
Tgt Ion:164 Resp: 17439
Ion Ratio Lower Upper
164 100
166 130.2 102.8 154.2
129 109.3 75.8 113.8
131 105.1 77.8 116.6

Manual Integrations
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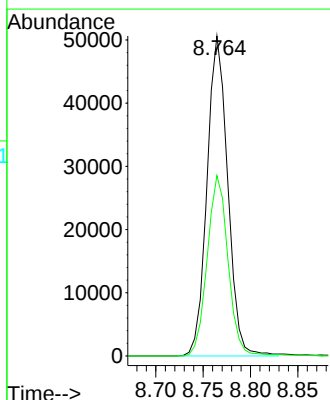
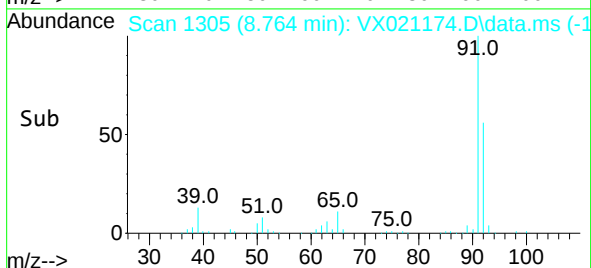
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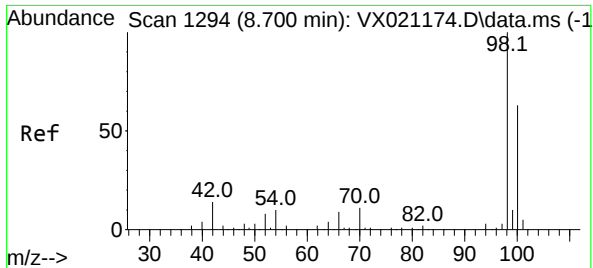


#62
Toluene
Concen: 18.91 ug/l
RT: 8.764 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



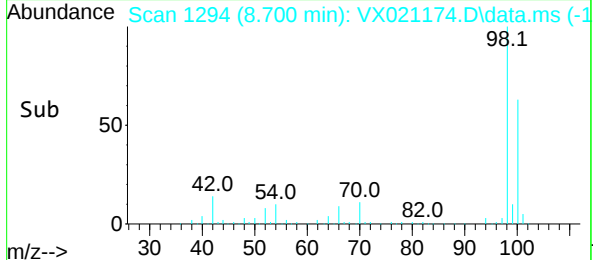
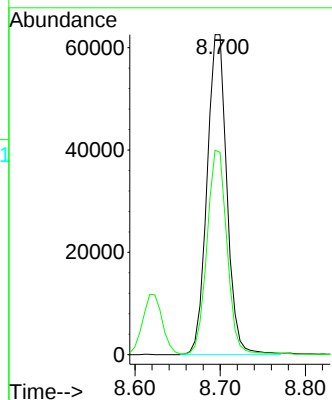
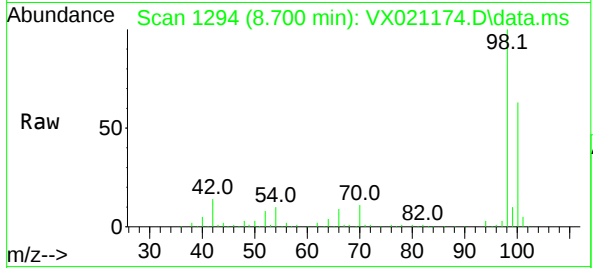
Tgt Ion: 91 Resp: 77078
Ion Ratio Lower Upper
91 100
92 56.3 47.2 70.8





#63
Toluene-d8
Concen: 30.27 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

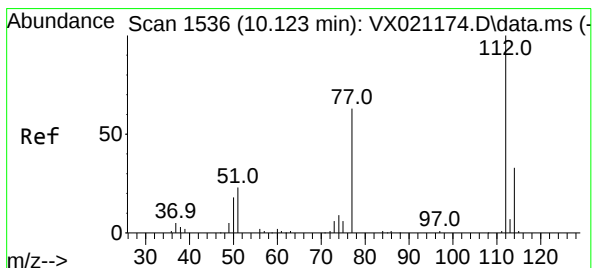
Tgt Ion: 98 Resp: 101201
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

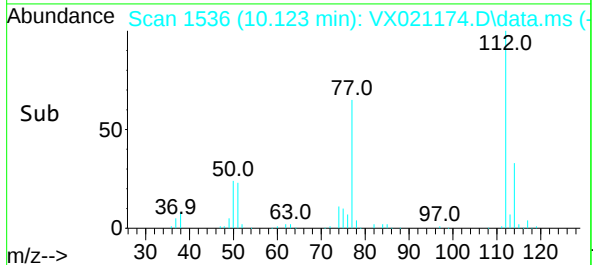
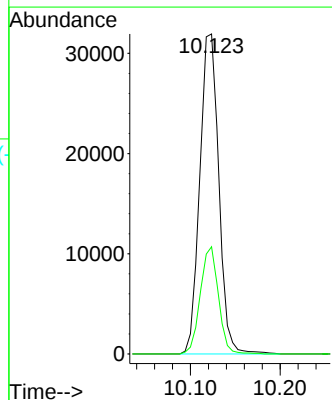
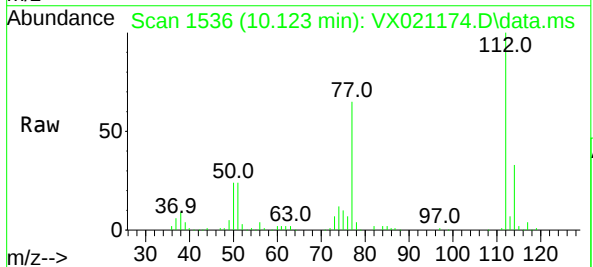
Manual Integrations
APPROVED

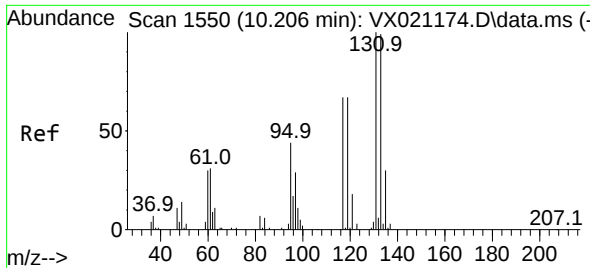
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#64
Chlorobenzene
Concen: 18.78 ug/l
RT: 10.123 min Scan# 1536
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

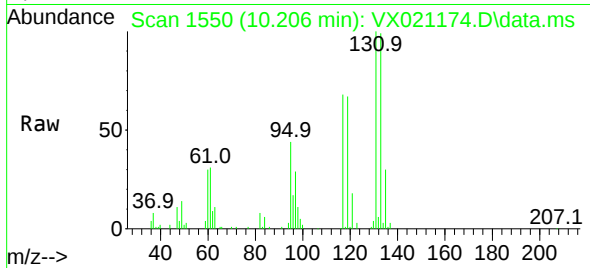
Tgt Ion: 112 Resp: 47023
Ion Ratio Lower Upper
112 100
114 33.5 25.7 38.5





#65
1,1,1,2-Tetrachloroethane
Concen: 19.48 ug/l
RT: 10.206 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

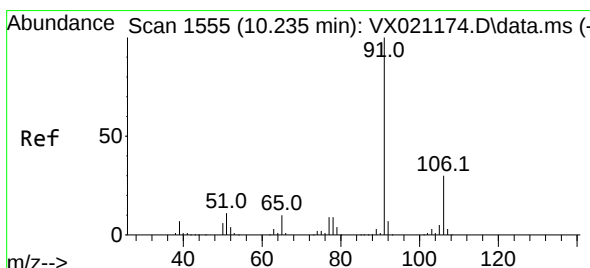
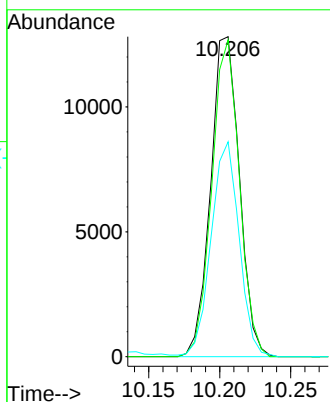
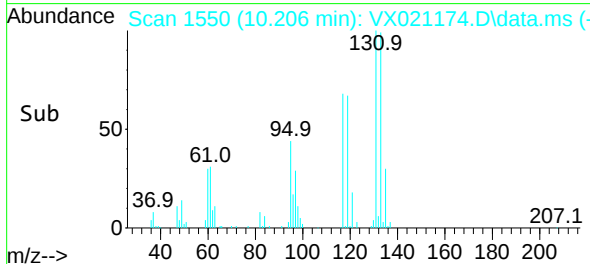
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



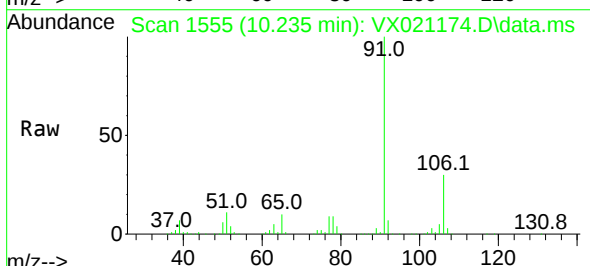
Tgt Ion:131 Resp: 18073
Ion Ratio Lower Upper
131 100
133 94.8 0.0 189.6
119 65.2 0.0 129.0

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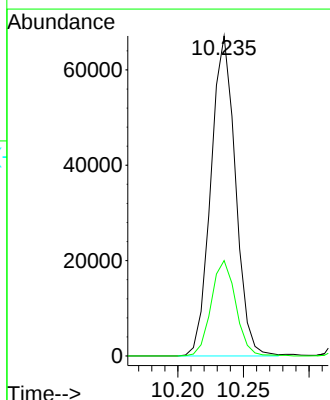
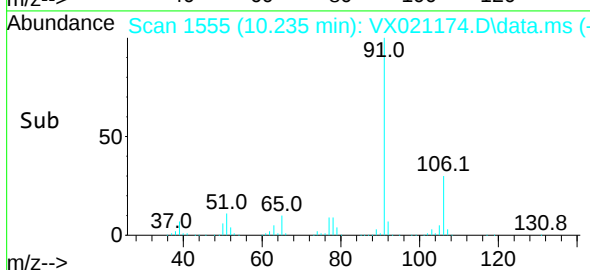
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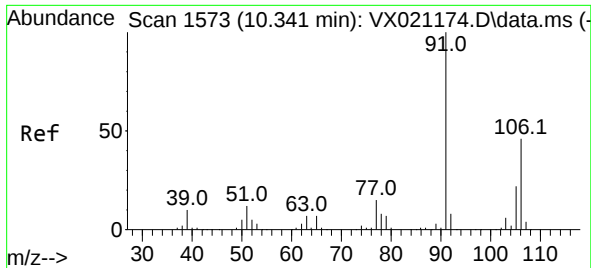


#66
Ethyl Benzene
Concen: 19.25 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



Tgt Ion: 91 Resp: 87573
Ion Ratio Lower Upper
91 100
106 29.8 25.0 37.4





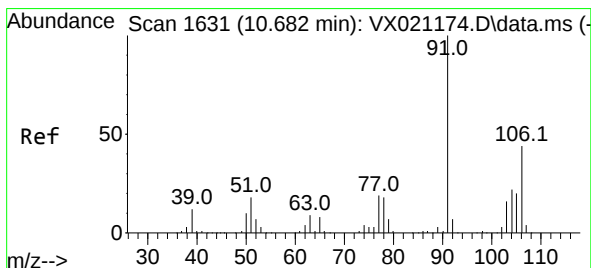
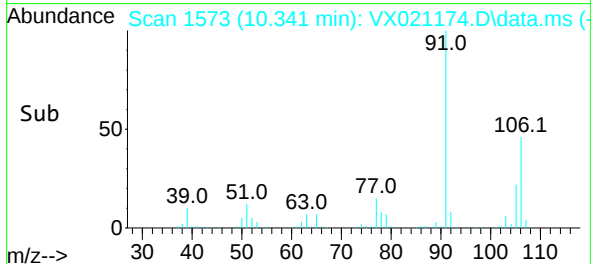
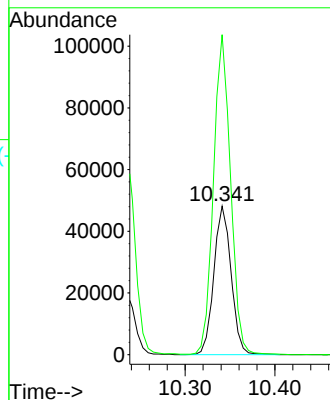
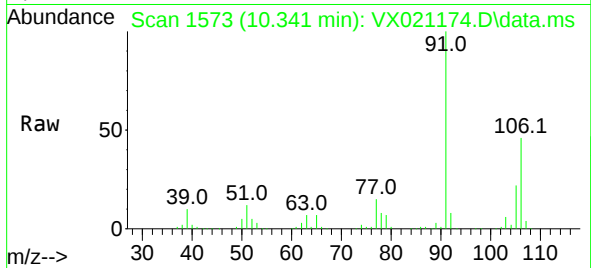
#67
m/p-Xylenes
Concen: 38.19 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:106 Resp: 64294
Ion Ratio Lower Upper
106 100
91 213.8 164.0 246.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

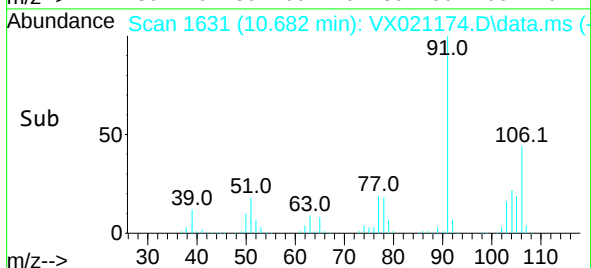
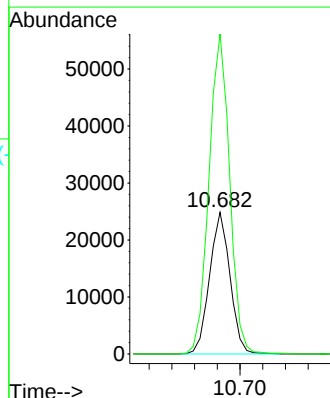
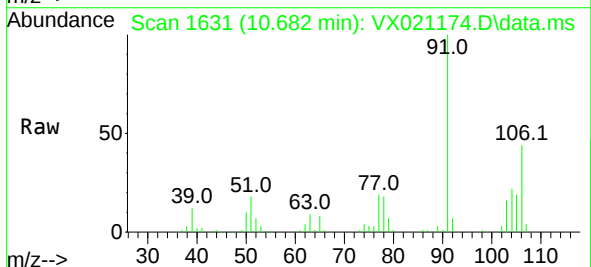
Manual Integrations
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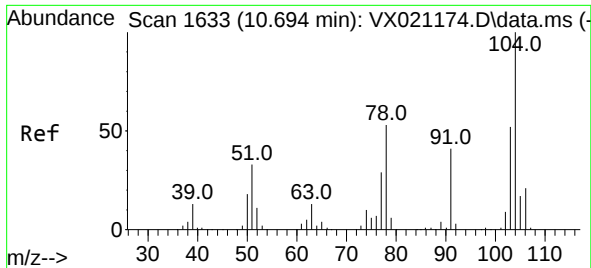
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#68
o-Xylene
Concen: 19.33 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:106 Resp: 31046
Ion Ratio Lower Upper
106 100
91 229.0 106.5 319.6





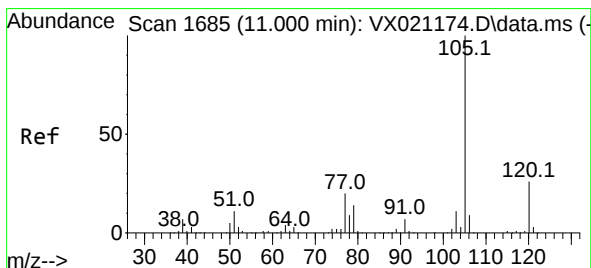
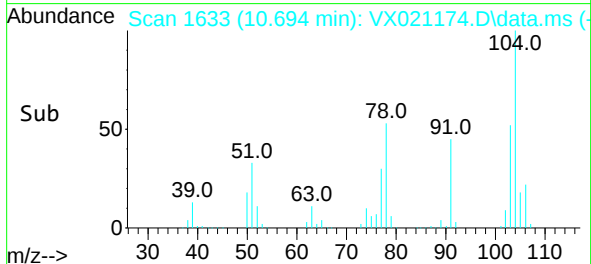
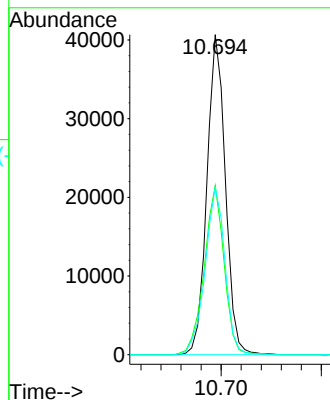
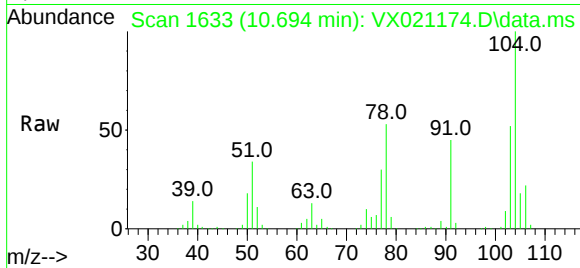
#69
Styrene
Concen: 18.72 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:104	Resp:	52101
Ion Ratio	Lower	Upper
104	100	
78	57.2	39.2 58.8
103	56.6	43.0 64.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

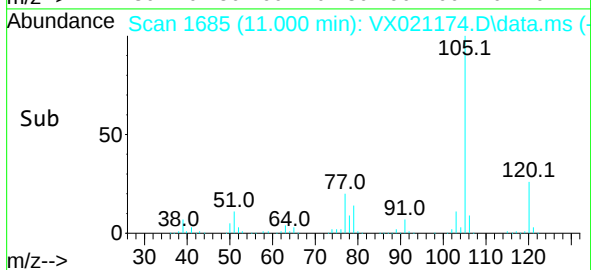
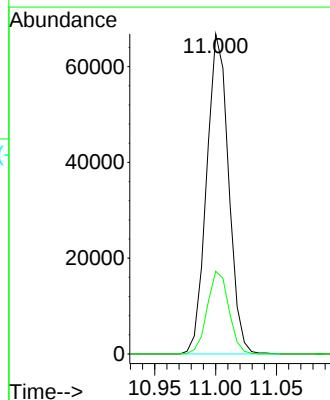
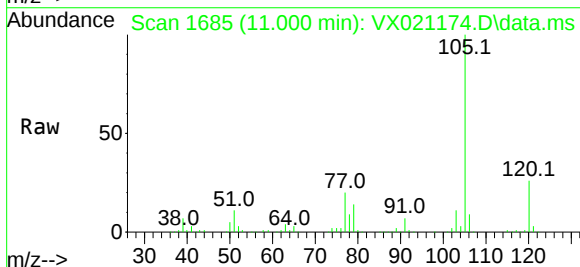
Manual Integrations
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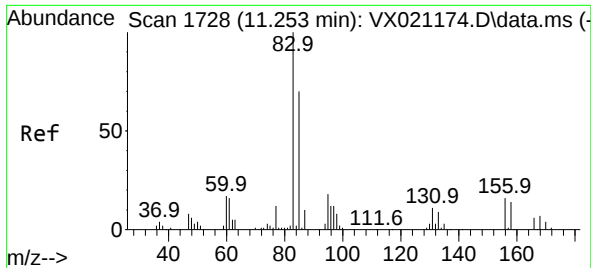
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#70
Isopropylbenzene
Concen: 19.32 ug/l
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:105	Resp:	83884
Ion Ratio	Lower	Upper
105	100	
120	25.3	18.4 34.2





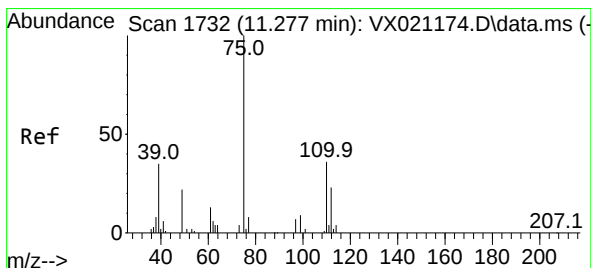
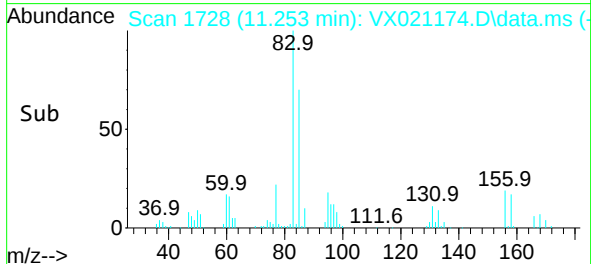
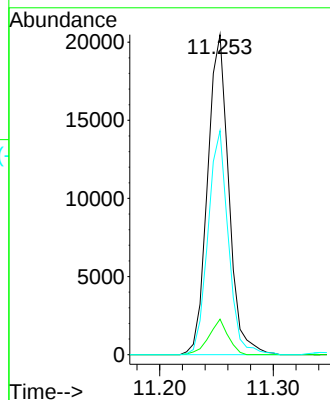
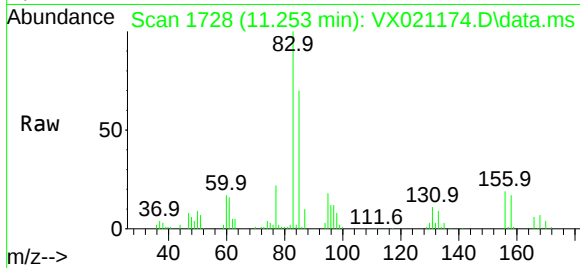
#71
1,1,2,2-Tetrachloroethane
Concen: 19.50 ug/l
RT: 11.253 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.3
85	67.3	32.0	96.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

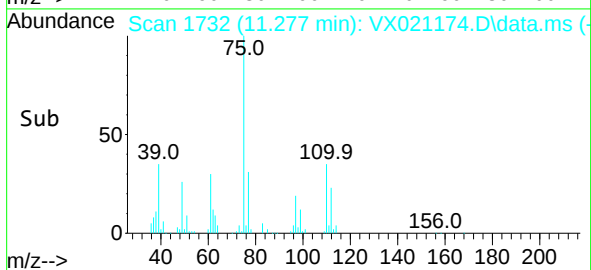
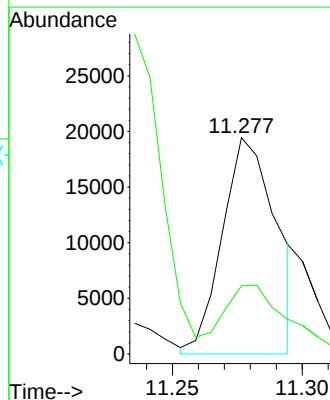
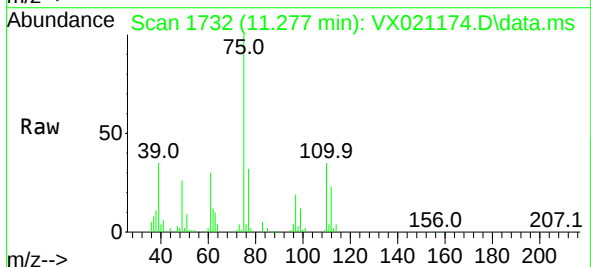
Manual Integrations
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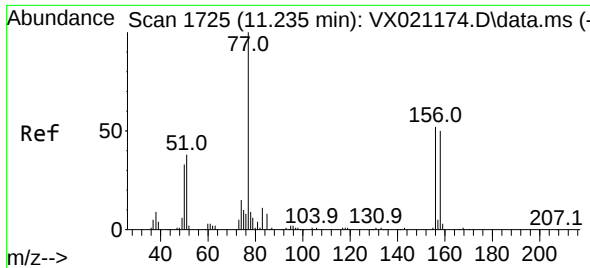
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#72
1,2,3-Trichloropropane
Concen: 22.43 ug/l m
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

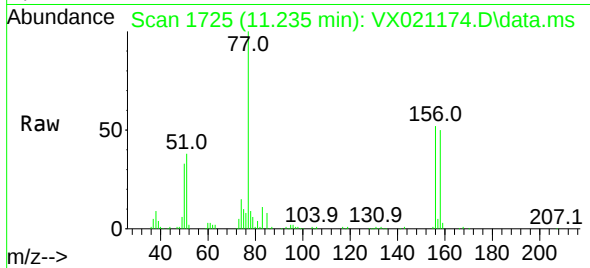
Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.0	0.0	74.6





#73
Bromobenzene
Concen: 19.76 ug/l
RT: 11.235 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

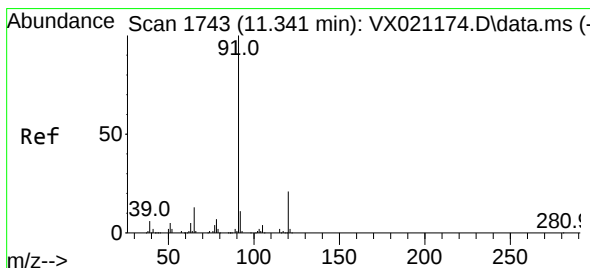
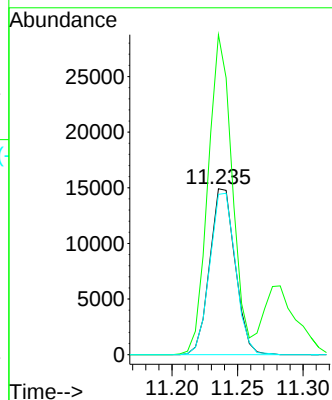
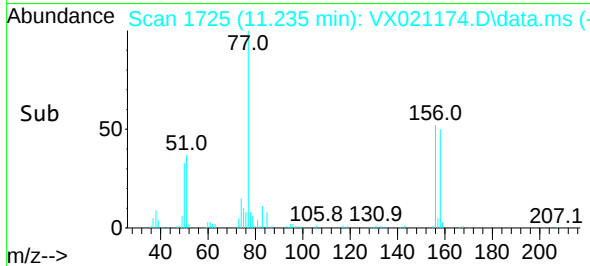
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



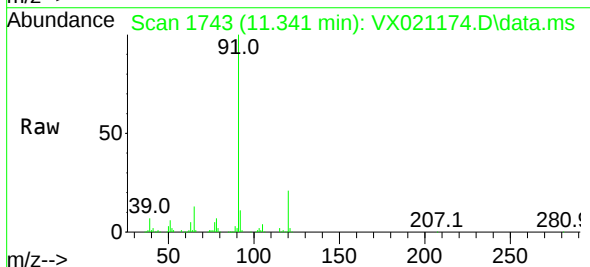
Tgt Ion	Ratio	Lower	Upper
156	100		
77	182.6	0.0	324.8
158	97.9	0.0	192.0

Manual Integrations
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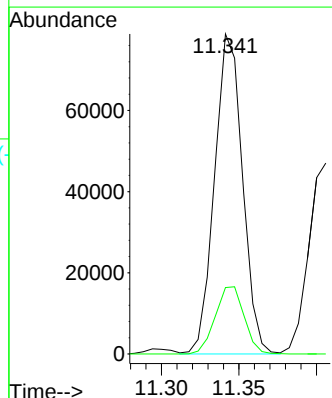
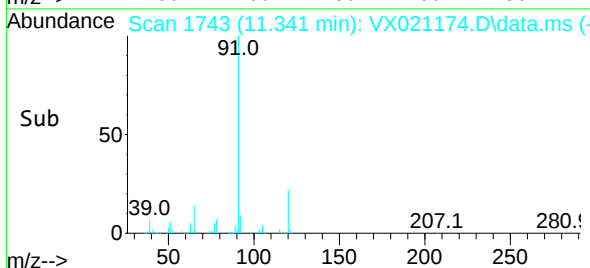
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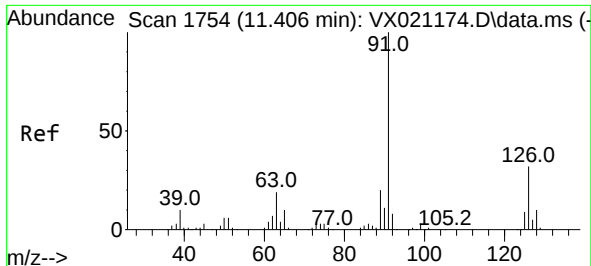


#74
n-propylbenzene
Concen: 19.85 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.8	0.0	45.8





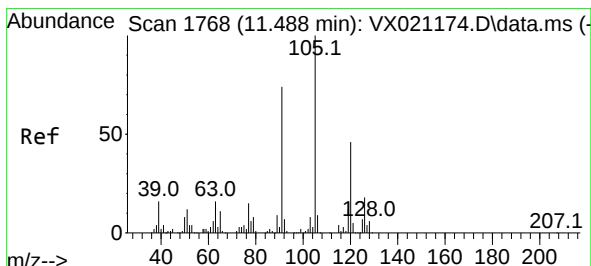
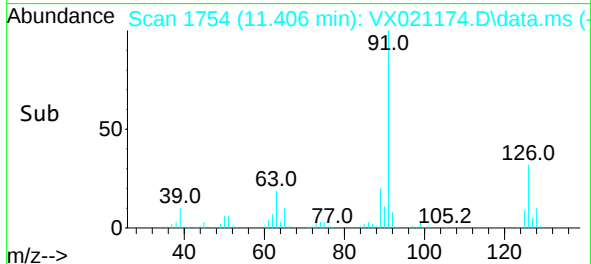
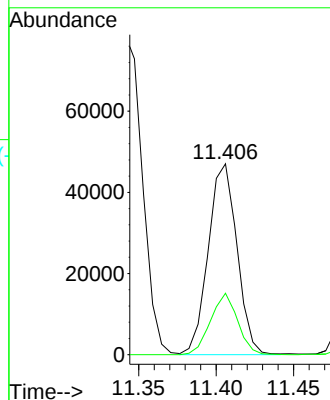
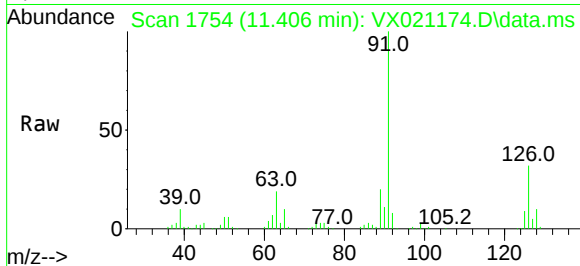
#75
2-Chlorotoluene
Concen: 20.33 ug/l
RT: 11.406 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 91 Resp: 60688
Ion Ratio Lower Upper
91 100
126 30.4 0.0 66.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

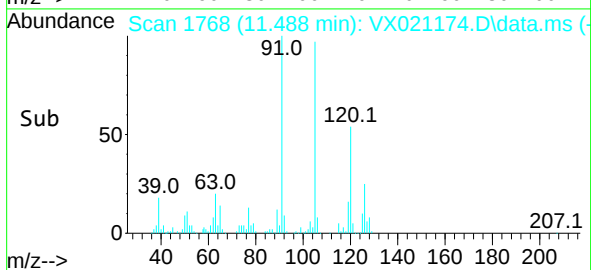
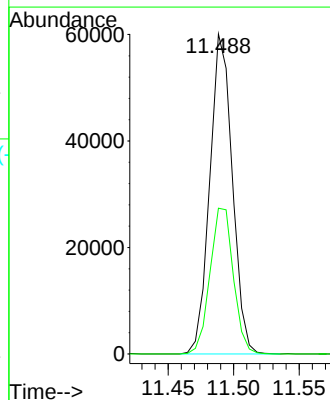
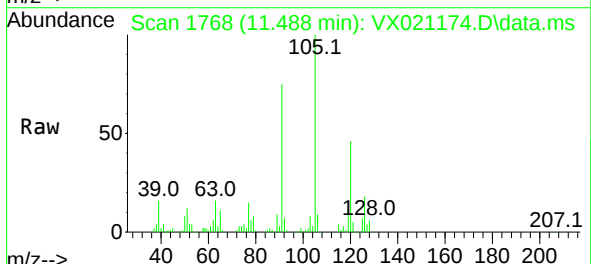
Manual Integrations
APPROVED

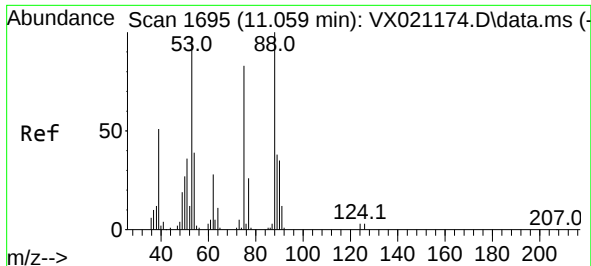
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#76
1,3,5-Trimethylbenzene
Concen: 20.00 ug/l
RT: 11.488 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

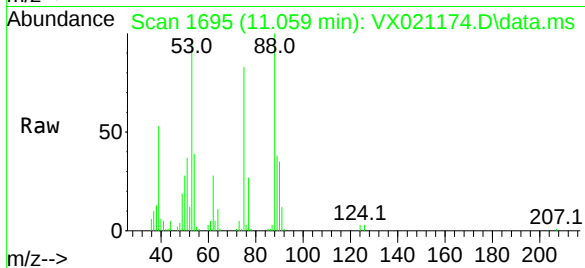
Tgt Ion: 105 Resp: 71820
Ion Ratio Lower Upper
105 100
120 47.3 0.0 96.2





#77
t-1,4-Dichloro-2-butene
Concen: 16.86 ug/l
RT: 11.059 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

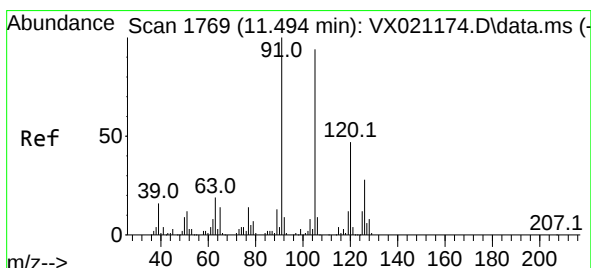
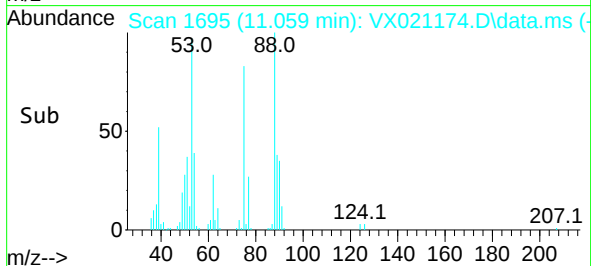
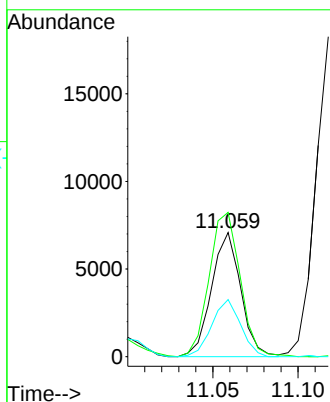
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020



Tgt Ion	Ratio	Lower	Upper
75	100		
53	116.3	48.4	145.0
89	46.0	22.7	68.0

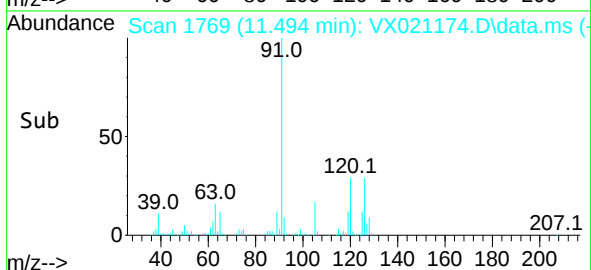
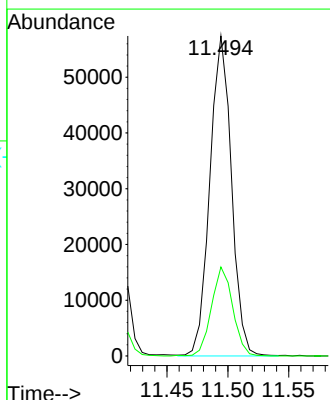
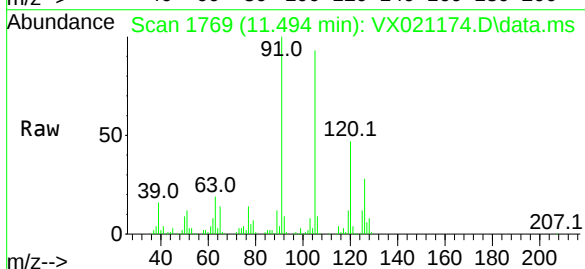
Manual Integrations
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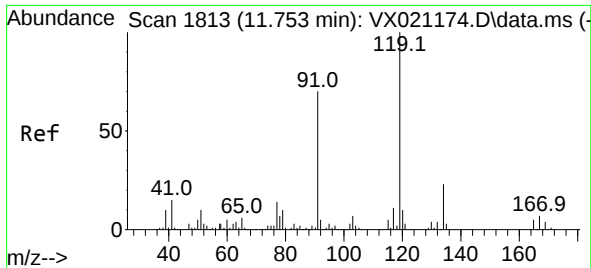
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#78
4-Chlorotoluene
Concen: 20.60 ug/l
RT: 11.494 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.4	0.0	57.8





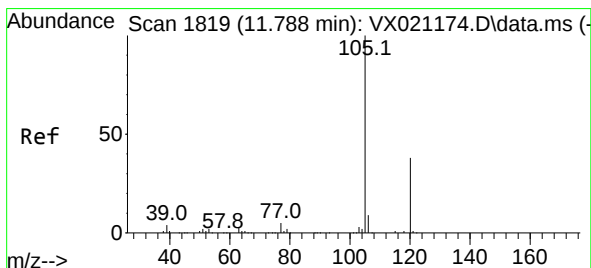
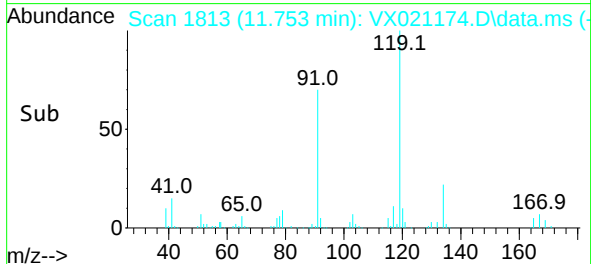
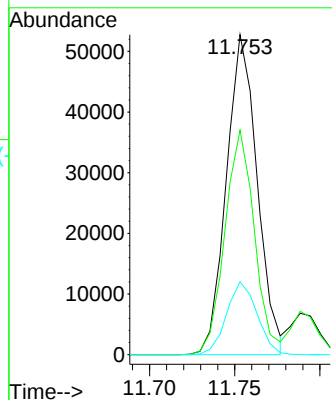
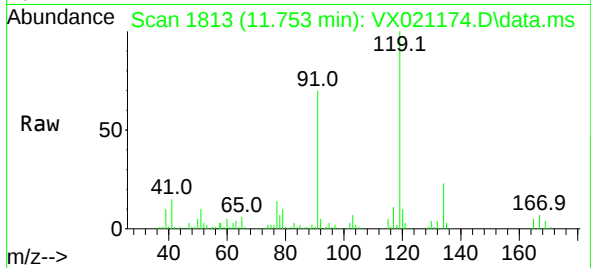
#79
tert-butylbenzene
Concen: 19.39 ug/l
RT: 11.753 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:119 Resp: 66534
Ion Ratio Lower Upper
119 100
91 67.4 0.0 118.0
134 22.6 0.0 48.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

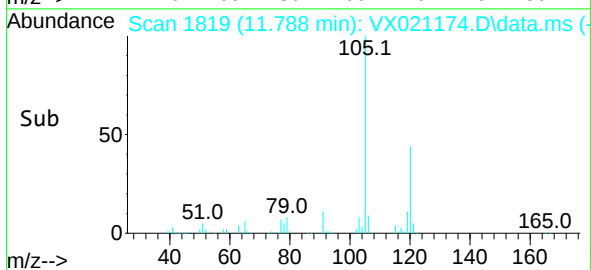
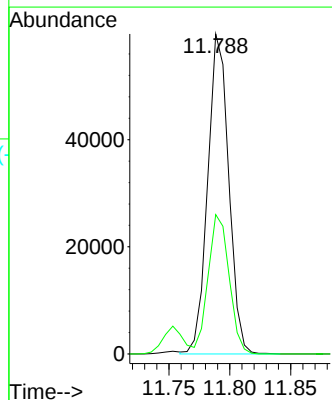
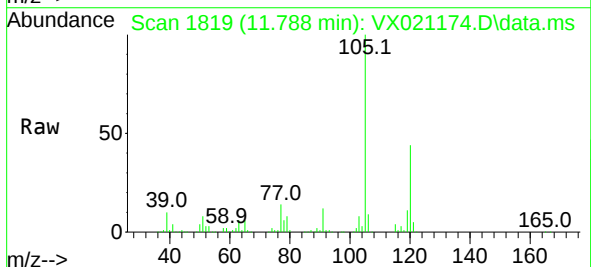
Manual Integrations
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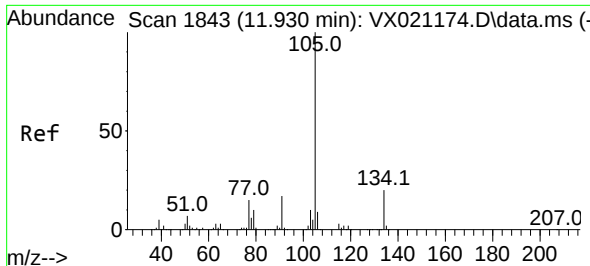
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#80
1,2,4-Trimethylbenzene
Concen: 19.74 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:105 Resp: 71696
Ion Ratio Lower Upper
105 100
120 43.3 0.0 89.8





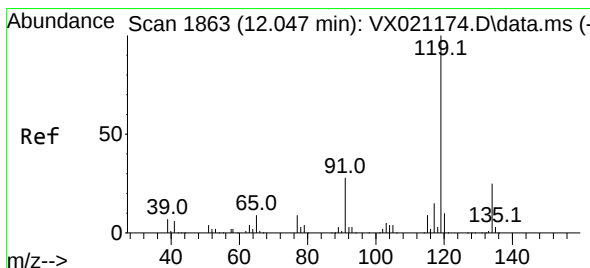
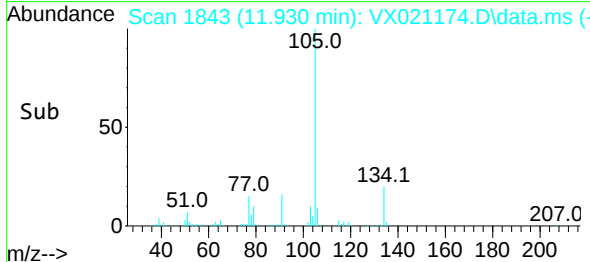
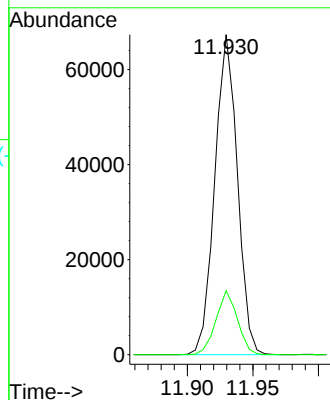
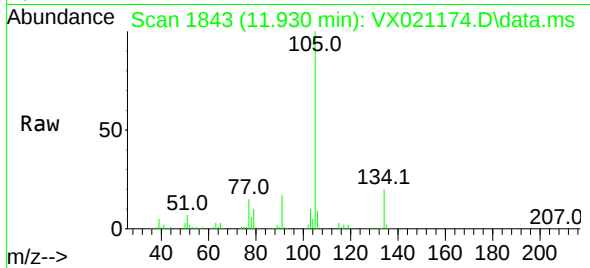
#81
 sec-Butylbenzene
 Concen: 19.50 ug/l
 RT: 11.930 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: VX021174.D
 Acq: 12 Mar 2021 11:02

Tgt Ion:105 Resp: 80580
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.6

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

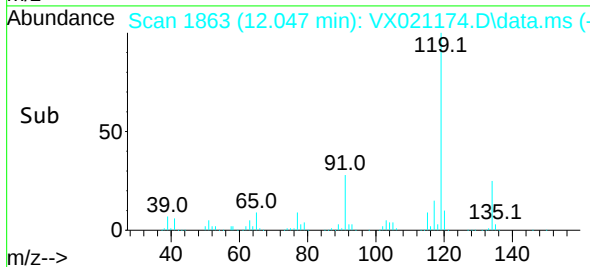
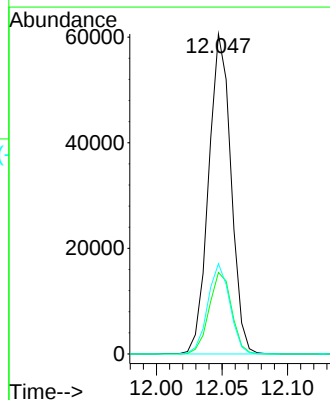
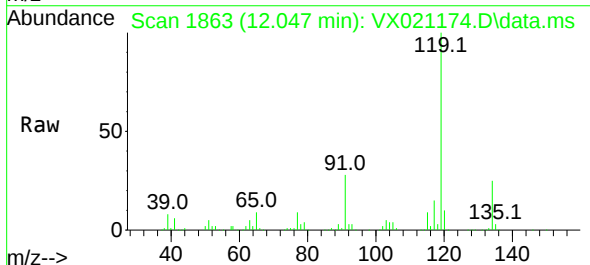
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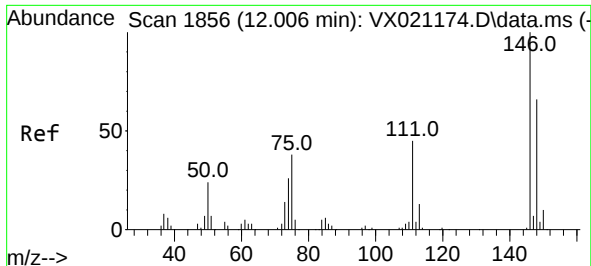
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#82
 p-Isopropyltoluene
 Concen: 19.22 ug/l
 RT: 12.047 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VX021174.D
 Acq: 12 Mar 2021 11:02

Tgt Ion:119 Resp: 71912
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.8
 91 27.9 0.0 47.4





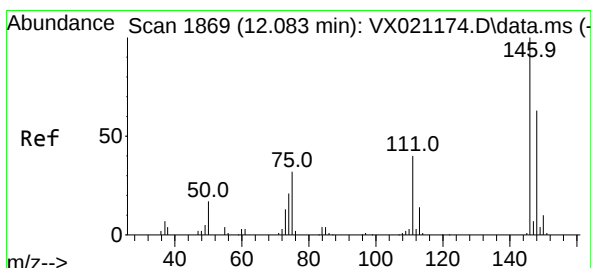
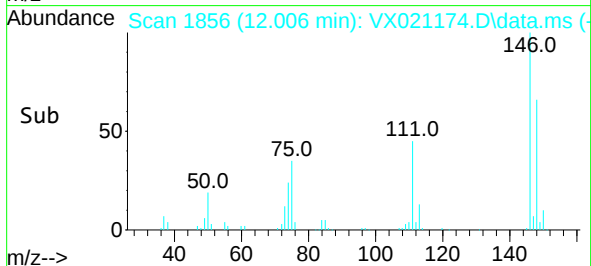
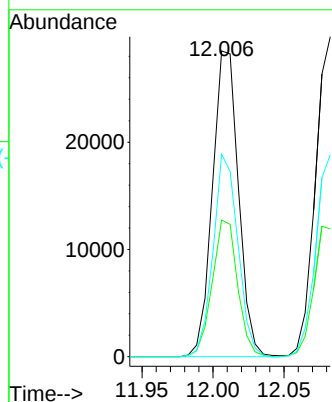
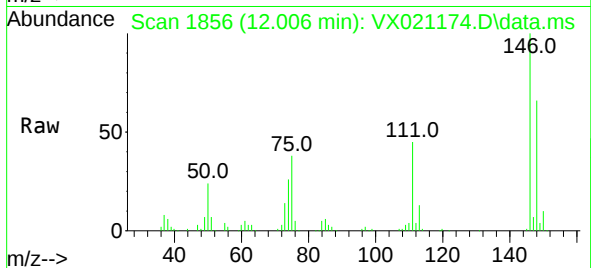
#83
1,3-Dichlorobenzene
Concen: 19.55 ug/l
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:146 Resp: 36319
Ion Ratio Lower Upper
146 100
111 43.5 20.3 60.9
148 62.8 31.9 95.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

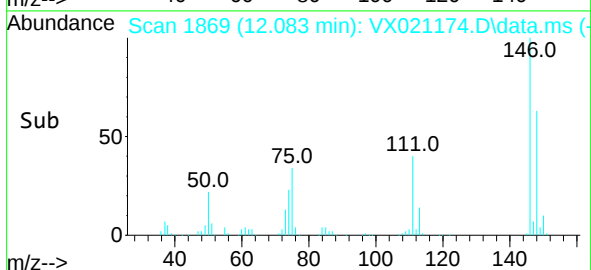
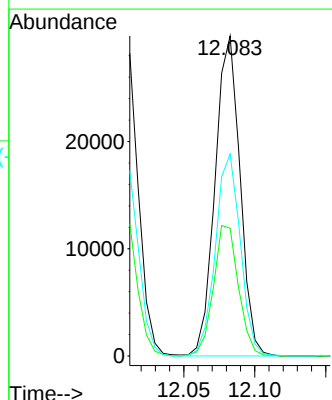
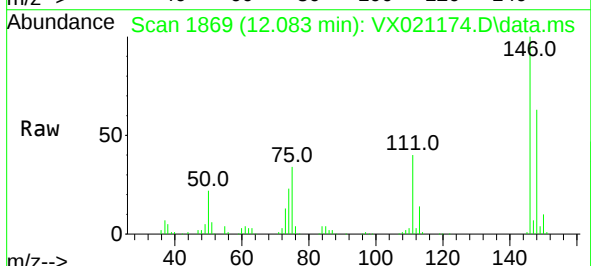
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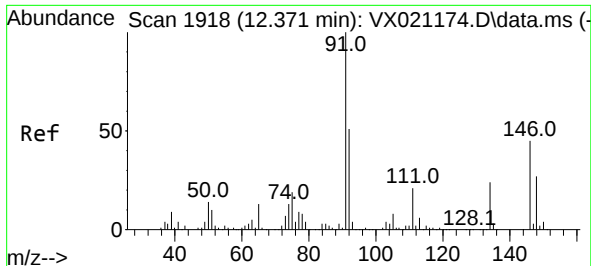
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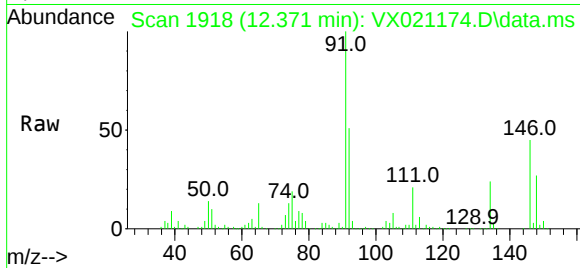
#84
1,4-Dichlorobenzene
Concen: 19.93 ug/l
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion:146 Resp: 36442
Ion Ratio Lower Upper
146 100
111 40.9 19.1 57.3
148 63.1 31.9 95.5

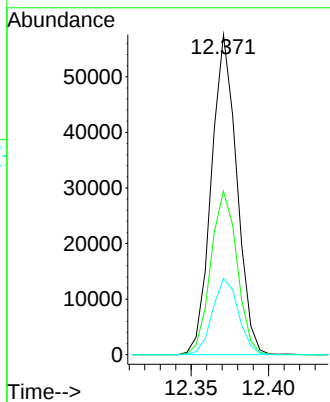
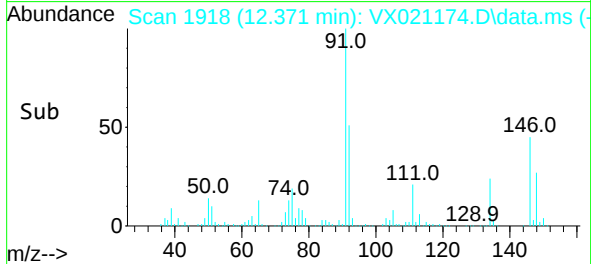




#85
n-Butylbenzene
Concen: 19.39 ug/l
RT: 12.371 min Scan# 1918
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



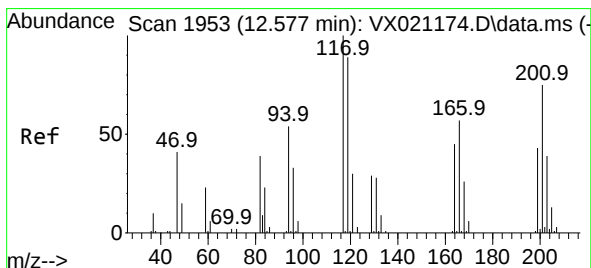
Tgt Ion: 91 Resp: 65656
Ion Ratio Lower Upper
91 100
92 52.7 0.0 109.0
134 24.4 0.0 51.8



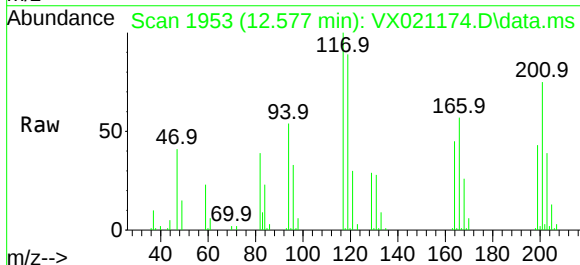
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

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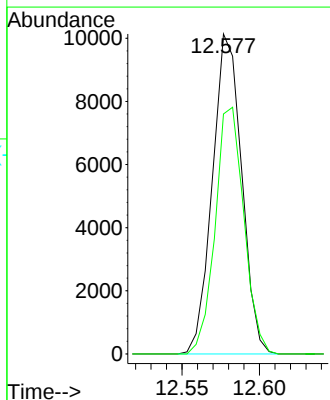
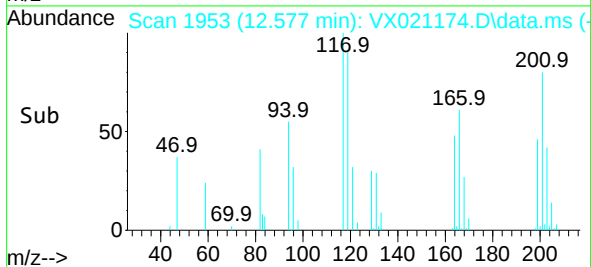
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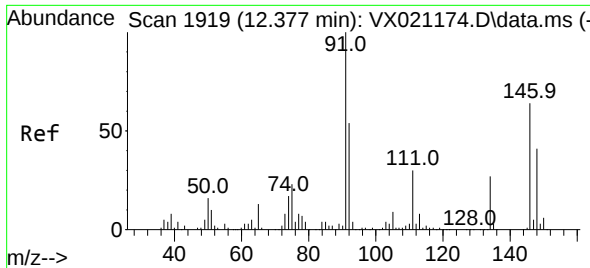


#86
Hexachloroethane
Concen: 18.90 ug/l
RT: 12.577 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



Tgt Ion: 117 Resp: 13289
Ion Ratio Lower Upper
117 100
201 75.7 40.5 121.4





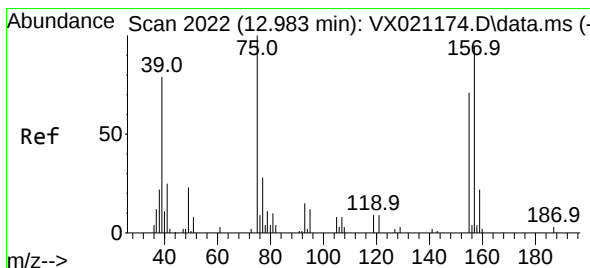
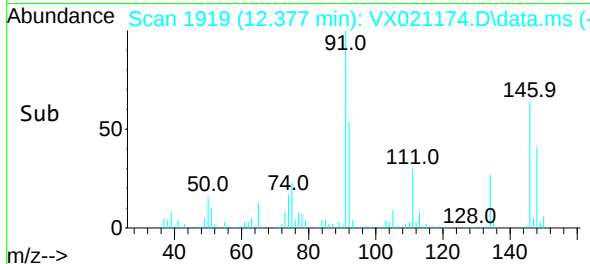
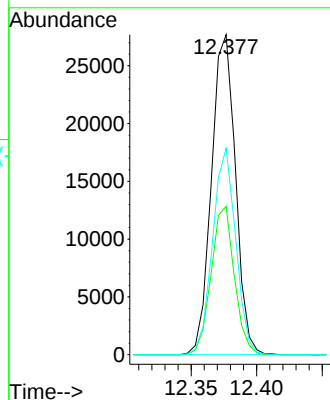
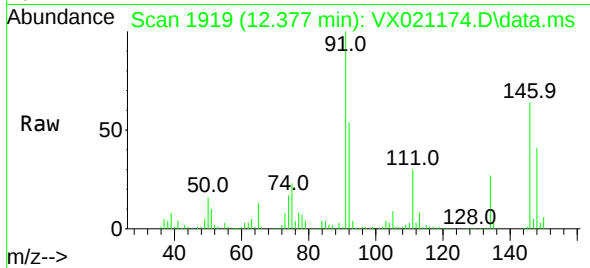
#87
1,2-Dichlorobenzene
Concen: 20.06 ug/l
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 146 Resp: 35267
Ion Ratio Lower Upper
146 100
111 44.8 20.8 62.5
148 62.3 32.4 97.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

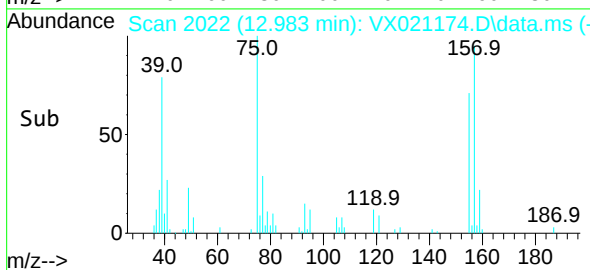
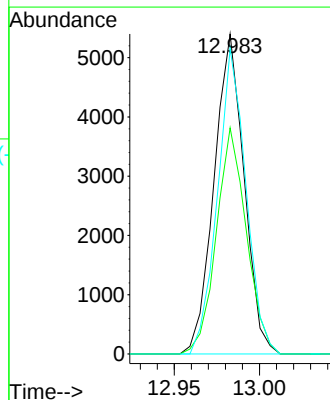
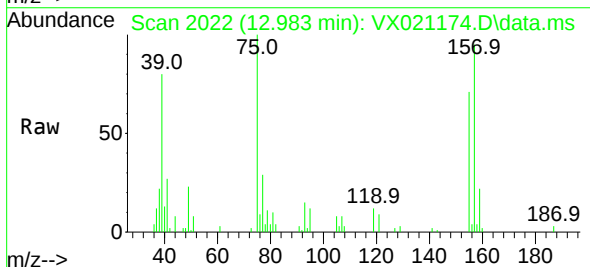
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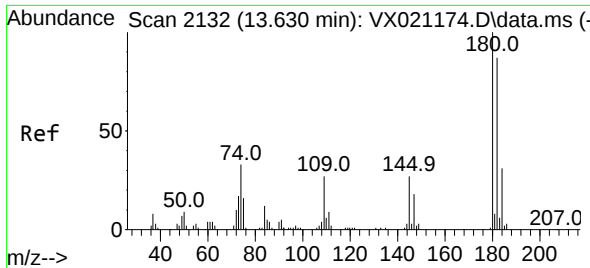
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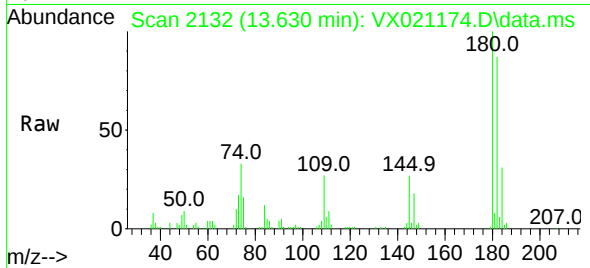
#88
1,2-Dibromo-3-Chloropropane
Concen: 20.88 ug/l
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02

Tgt Ion: 75 Resp: 6599
Ion Ratio Lower Upper
75 100
155 70.8 68.9 103.3
157 90.6 91.3 136.9#

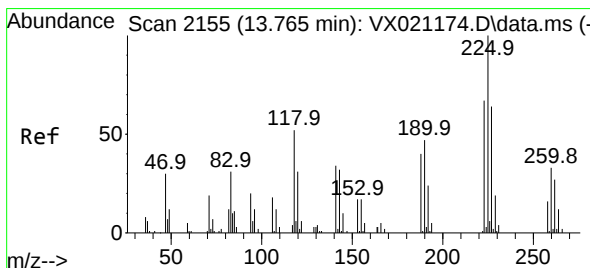
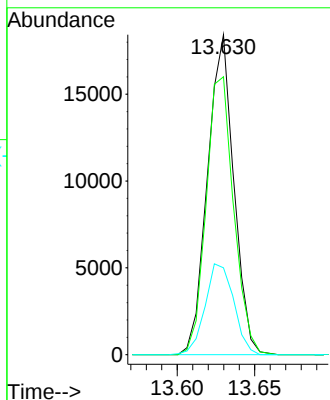
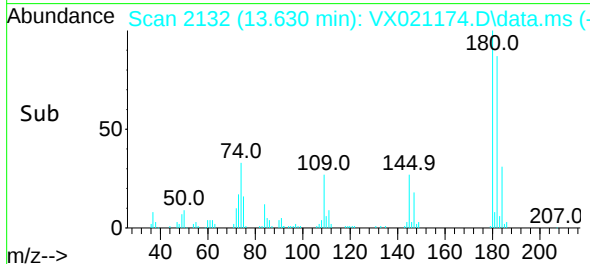




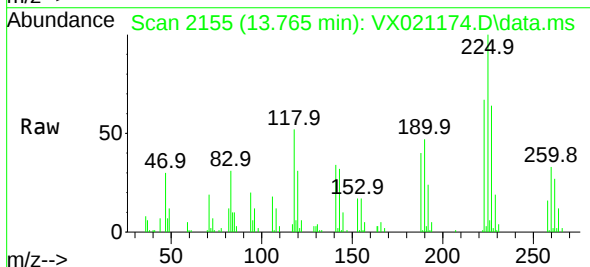
#89
1,2,4-Trichlorobenzene
Concen: 18.84 ug/l
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



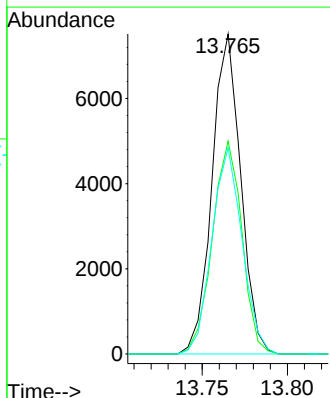
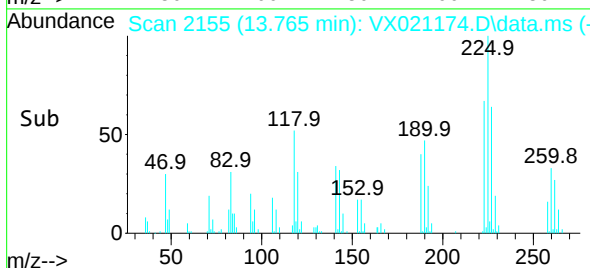
Tgt Ion:180 Resp: 21792
Ion Ratio Lower Upper
180 100
182 90.8 77.9 116.9
145 30.9 24.3 36.5



#90
Hexachlorobutadiene
Concen: 18.76 ug/l
RT: 13.765 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



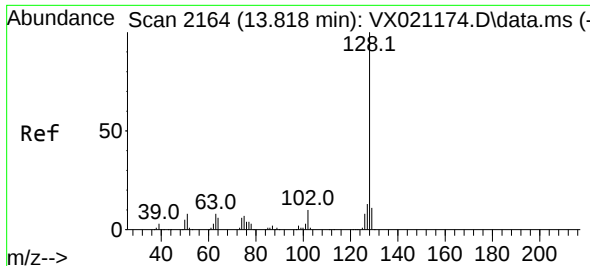
Tgt Ion:225 Resp: 8809
Ion Ratio Lower Upper
225 100
223 68.4 0.0 129.4
227 67.8 0.0 130.4



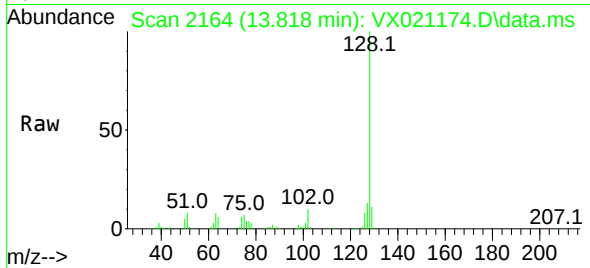
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

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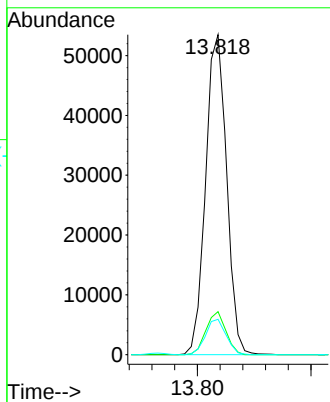
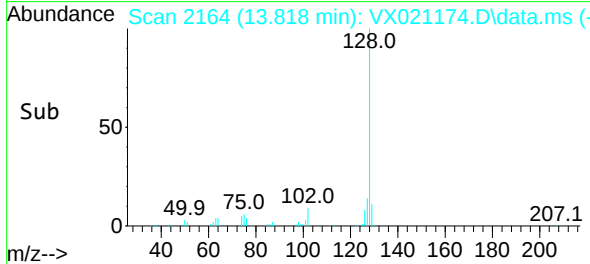
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#91
Naphthalene
Concen: 17.31 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



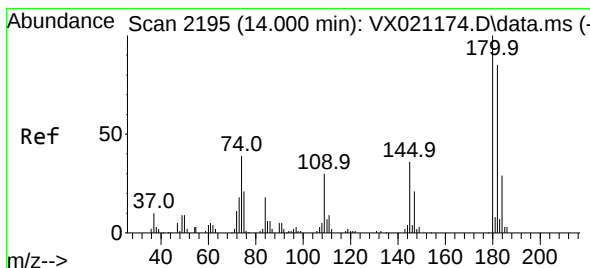
Tgt Ion:128 Resp: 68648
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.9 8.8 13.2



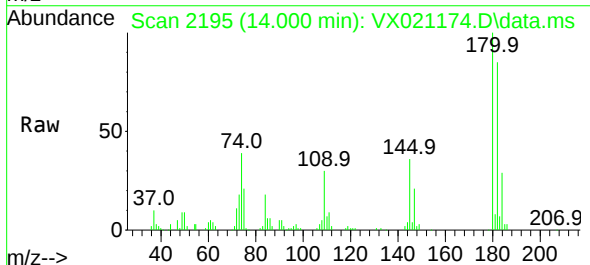
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.47 ug/l
RT: 14.000 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX021174.D
Acq: 12 Mar 2021 11:02



Tgt Ion:180 Resp: 20999
Ion Ratio Lower Upper
180 100
182 93.3 0.0 192.4
145 34.2 0.0 66.4

