

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
 Data File : VY003951.D
 Acq On : 28 Jan 2021 12:00
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 2/1/2021 3:35:13 PM

Quant Time: Jan 28 18:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 28 18:02:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	100348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	148285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	136440	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	5578	5.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	10.12%#		
35) Dibromofluoromethane	7.728	113	4415	5.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.18%#		
50) Toluene-d8	10.185	98	18108	5.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.64%#		
62) 4-Bromofluorobenzene	12.483	95	6565	5.29	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.58%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	4787	4.81	ug/l	98
3) Chloromethane	2.119	50	6983	5.57	ug/l	98
4) Vinyl Chloride	2.259	62	6952	5.32	ug/l	100
5) Bromomethane	2.668	94	5280	5.67	ug/l	98
6) Chloroethane	2.808	64	4360	5.33	ug/l	94
7) Trichlorofluoromethane	3.143	101	9374	5.18	ug/l	95
8) Diethyl Ether	3.540	74	3134	5.53	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.905	101	5008	5.36	ug/l	96
10) Methyl Iodide	4.107	142	4885	4.23	ug/l	98
11) Tert butyl alcohol	4.948	59	4248m	37.51	ug/l	
12) 1,1-Dichloroethene	3.887	96	4693	5.18	ug/l	93
13) Acrolein	3.747	56	2455	24.13	ug/l	98
14) Allyl chloride	4.503	41	8259	4.95	ug/l	93
15) Acrylonitrile	5.192	53	6924	24.03	ug/l	97
16) Acetone	3.966	43	6764	24.97	ug/l	92
17) Carbon Disulfide	4.204	76	15438	5.19	ug/l	98
18) Methyl Acetate	4.497	43	3164	4.69	ug/l	97
19) Methyl tert-butyl Ether	5.247	73	13912	5.03	ug/l #	90
20) Methylene Chloride	4.741	84	7039	6.12	ug/l	92
21) trans-1,2-Dichloroethene	5.234	96	5419	5.20	ug/l #	82
22) Diisopropyl ether	6.143	45	16115	4.86	ug/l #	95
23) Vinyl Acetate	6.082	43	53180	23.52	ug/l #	95
24) 1,1-Dichloroethane	6.039	63	9218	5.01	ug/l	95
25) 2-Butanone	7.002	43	8559	22.18	ug/l #	88
26) 2,2-Dichloropropane	6.996	77	9139	5.21	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	6031	5.21	ug/l	95
28) Bromochloromethane	7.350	49	3779	4.77	ug/l #	89
29) Tetrahydrofuran	7.362	42	5588	22.72	ug/l	91
30) Chloroform	7.521	83	9862	5.10	ug/l	99
31) Cyclohexane	7.795	56	11135	6.01	ug/l #	90
32) 1,1,1-Trichloroethane	7.716	97	9266	5.20	ug/l	96
36) 1,1-Dichloropropene	7.923	75	8177	5.45	ug/l	93
37) Ethyl Acetate	7.088	43	3910	4.61	ug/l #	96
38) Carbon Tetrachloride	7.911	117	8509	5.25	ug/l #	88
39) Methylcyclohexane	9.191	83	8969	5.02	ug/l	95
40) Benzene	8.173	78	21279	5.13	ug/l	99

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Quant Time: Jan 28 18:03:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	2330m	3.53	ug/l	
42) 1,2-Dichloroethane	8.252	62	7386	5.17	ug/l	99
43) Isopropyl Acetate	8.283	43	7993	4.84	ug/l	99
44) Trichloroethene	8.947	130	5900	5.15	ug/l	95
45) 1,2-Dichloropropane	9.222	63	5313	5.18	ug/l #	86
46) Dibromomethane	9.313	93	2820	4.81	ug/l	95
47) Bromodichloromethane	9.502	83	7484	4.93	ug/l #	96
48) Methyl methacrylate	9.295	41	3798	4.71	ug/l	94
49) 1,4-Dioxane	9.301	88	514	78.99	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	18711	22.20	ug/l	98
52) Toluene	10.246	92	13162	5.03	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	7825	4.90	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	8826	4.98	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	3997	4.92	ug/l #	82
56) Ethyl methacrylate	10.514	69	5411	4.66	ug/l	95
57) 1,3-Dichloropropane	10.794	76	7130	4.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	12856	24.43	ug/l	99
59) 2-Hexanone	10.837	43	12637	21.39	ug/l	93
60) Dibromochloromethane	10.989	129	5206	4.91	ug/l	97
61) 1,2-Dibromoethane	11.093	107	4118	5.06	ug/l	96
64) Tetrachloroethene	10.721	164	6476	5.29	ug/l	98
65) Chlorobenzene	11.520	112	13955	5.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	5289	4.90	ug/l	94
67) Ethyl Benzene	11.599	91	25895	4.99	ug/l	96
68) m/p-Xylenes	11.709	106	19452	10.12	ug/l	99
69) o-Xylene	12.032	106	8834	4.94	ug/l	92
70) Styrene	12.044	104	14814	4.80	ug/l	98
71) Bromoform	12.209	173	3293	4.77	ug/l #	94
73) Isopropylbenzene	12.331	105	25231	5.06	ug/l	98
74) N-amyl acetate	12.142	43	6375	4.35	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	4208	4.65	ug/l	92
76) 1,2,3-Trichloropropane	12.636	75	3367m	3.83	ug/l	
77) Bromobenzene	12.611	156	6281	5.08	ug/l	95
78) n-propylbenzene	12.672	91	30432	5.13	ug/l	99
79) 2-Chlorotoluene	12.757	91	17390	5.12	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	21831	5.10	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	1710	4.65	ug/l	96
82) 4-Chlorotoluene	12.855	91	18640	5.18	ug/l	95
83) tert-Butylbenzene	13.074	119	18258	5.13	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	21495	5.01	ug/l	99
85) sec-Butylbenzene	13.251	105	25321	5.13	ug/l	98
86) p-Isopropyltoluene	13.373	119	23316	5.07	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	11917	5.11	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	11783	5.12	ug/l	91
89) n-Butylbenzene	13.696	91	22487	5.26	ug/l	99
90) Hexachloroethane	13.965	117	4457	5.29	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	10575	5.09	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	970	5.20	ug/l	83
93) 1,2,4-Trichlorobenzene	15.007	180	7561	5.26	ug/l	95
94) Hexachlorobutadiene	15.111	225	5004	5.42	ug/l	97
95) Naphthalene	15.233	128	12748	4.73	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	6255	5.05	ug/l	97

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Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

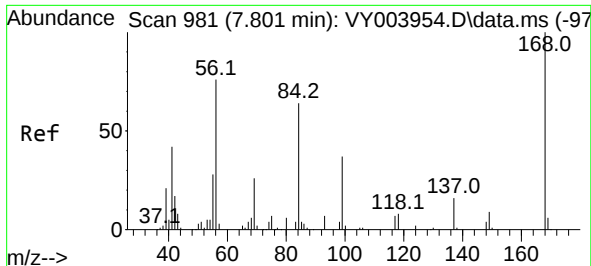
Manual Integrations
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Quant Time: Jan 28 18:03:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



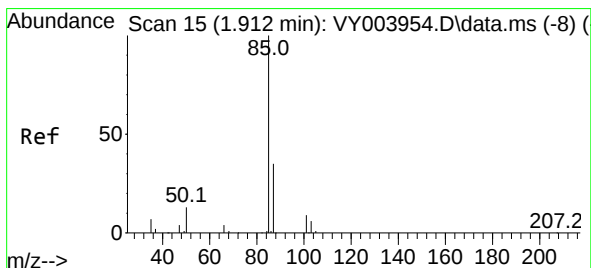
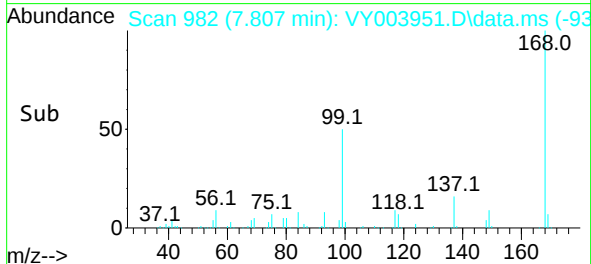
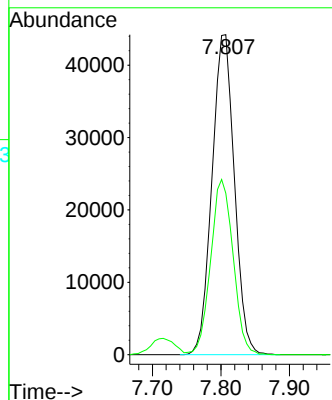
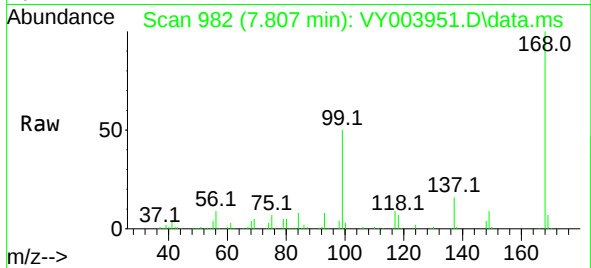
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 168 Resp: 100348
Ion Ratio Lower Upper
168 100
99 50.5 46.1 69.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

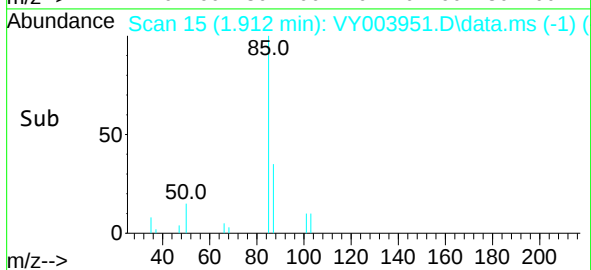
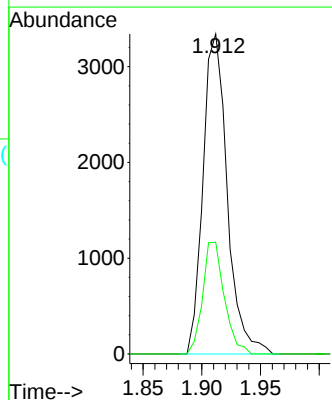
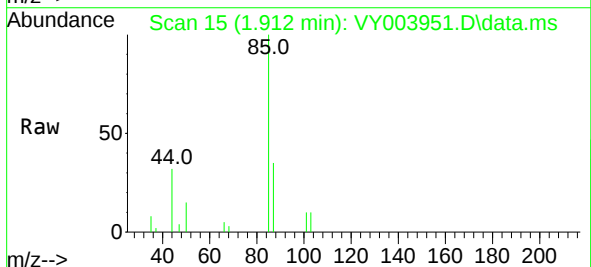
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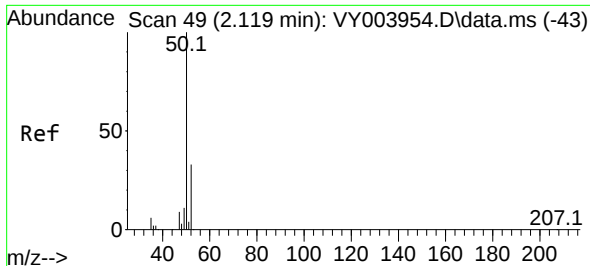
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#2
Dichlorodifluoromethane
Concen: 4.81 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

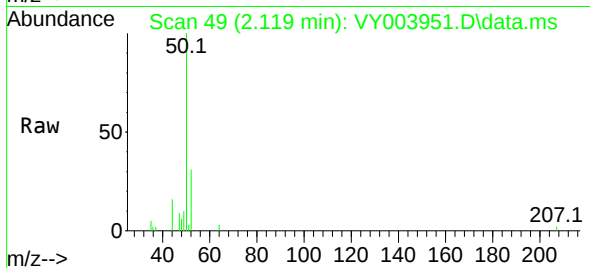
Tgt Ion: 85 Resp: 4787
Ion Ratio Lower Upper
85 100
87 34.9 17.0 51.0





#3
Chloromethane
Concen: 5.57 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

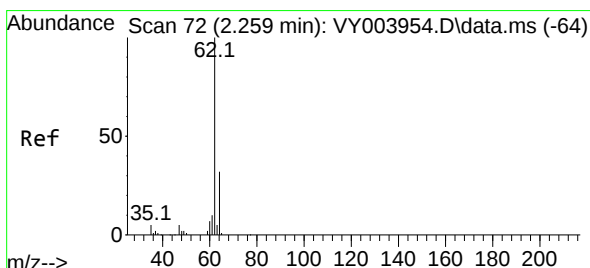
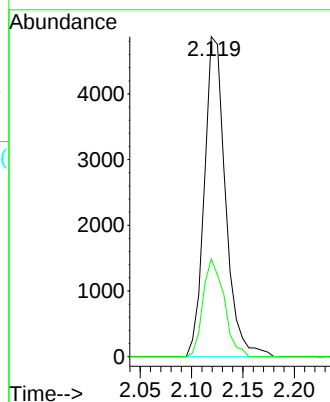
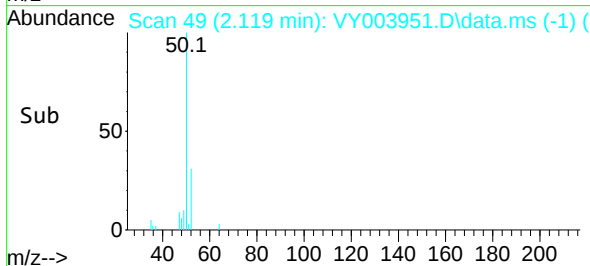
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



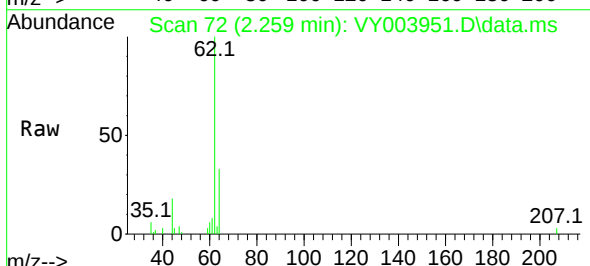
Tgt Ion: 50 Resp: 6983
Ion Ratio Lower Upper
50 100
52 30.6 25.2 37.8

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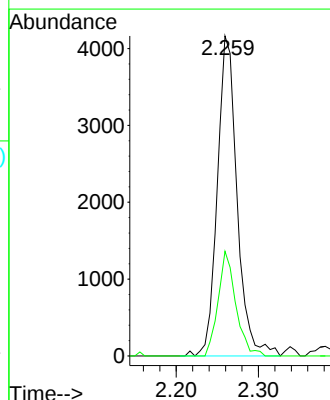
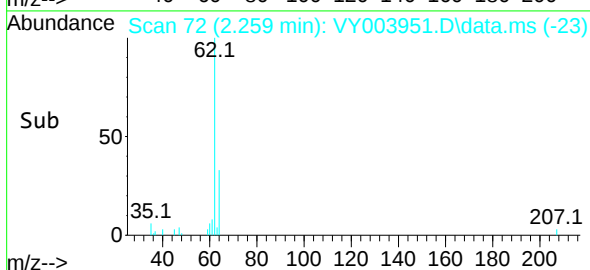
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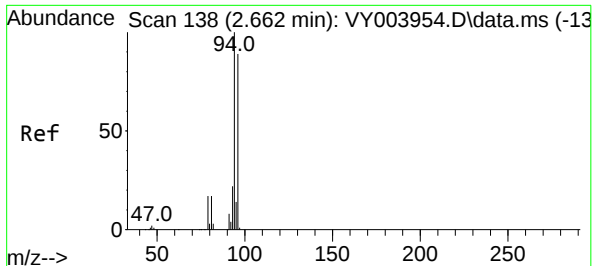


#4
Vinyl Chloride
Concen: 5.32 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



Tgt Ion: 62 Resp: 6952
Ion Ratio Lower Upper
62 100
64 32.7 26.2 39.2





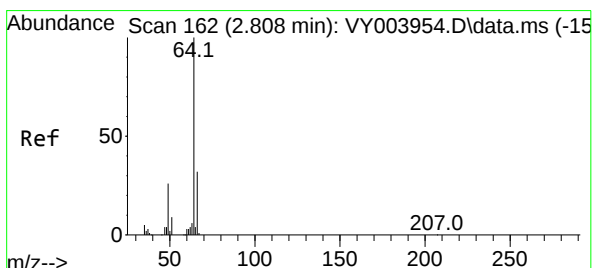
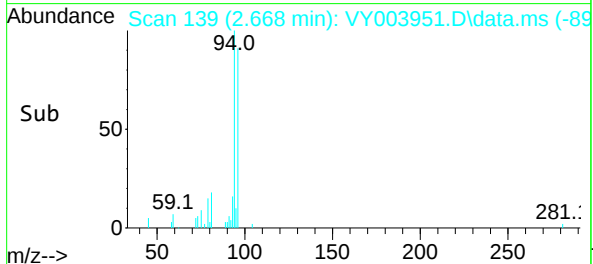
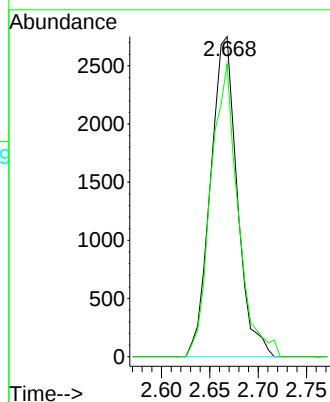
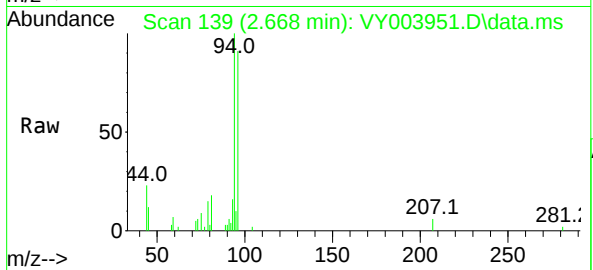
#5
Bromomethane
Concen: 5.67 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 94 Resp: 5280
Ion Ratio Lower Upper
94 100
96 91.5 71.4 107.0

Instrument :
MSVOA_Y
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VSTDIC005

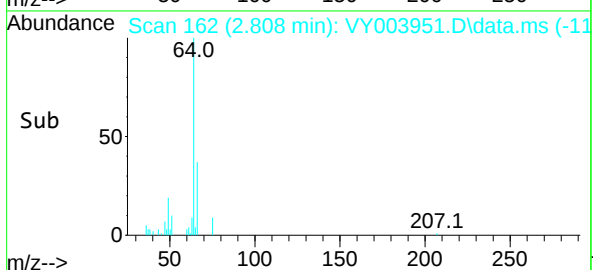
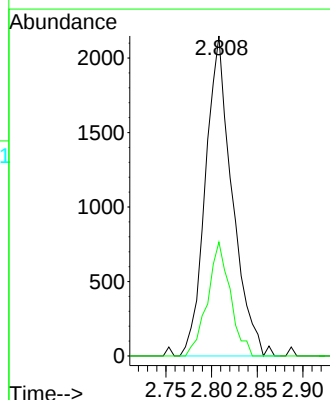
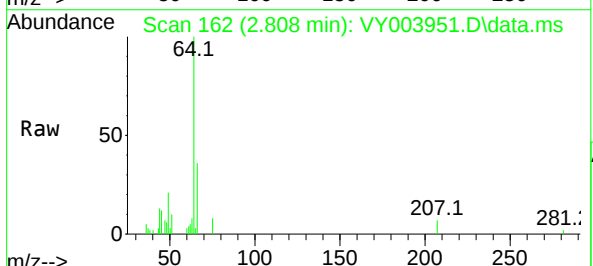
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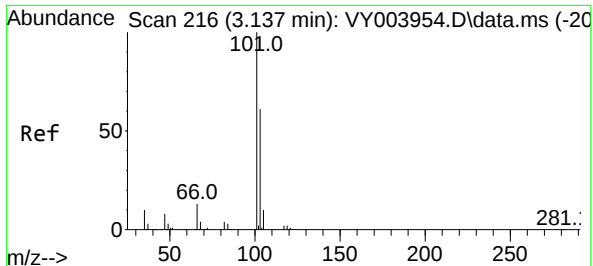
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#6
Chloroethane
Concen: 5.33 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 64 Resp: 4360
Ion Ratio Lower Upper
64 100
66 35.6 25.6 38.4





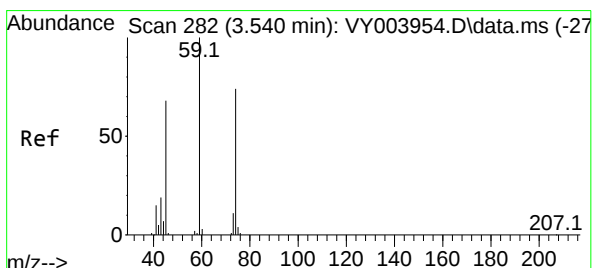
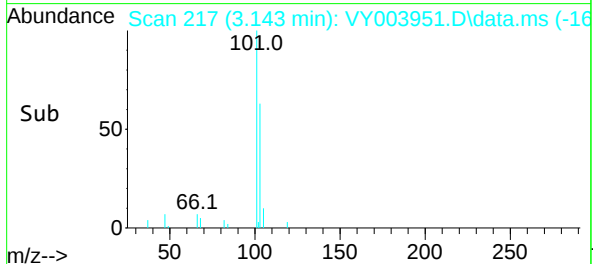
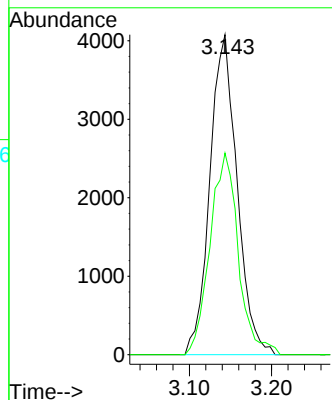
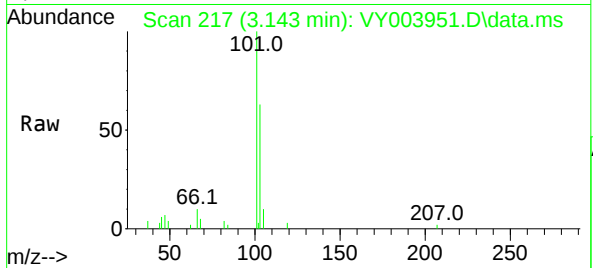
#7
Trichlorofluoromethane
Concen: 5.18 ug/l
RT: 3.143 min Scan# 217
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 101 Resp: 9374
Ion Ratio Lower Upper
101 100
103 63.0 47.4 71.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

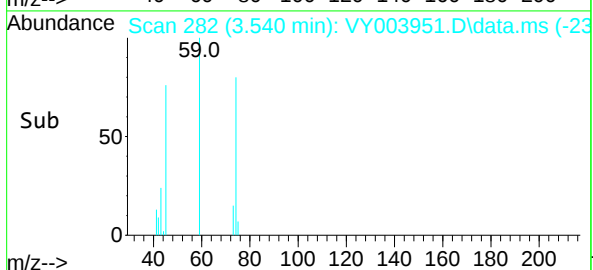
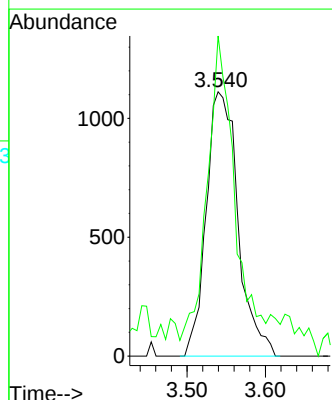
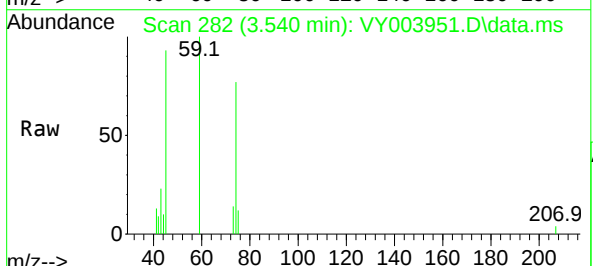
Manual Integrations
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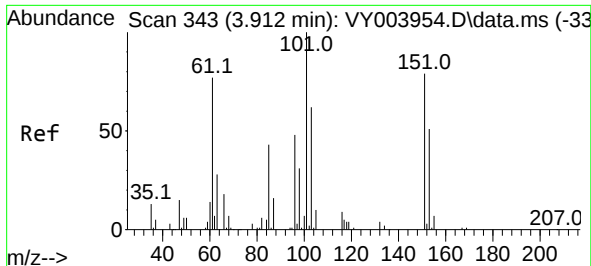
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#8
Diethyl Ether
Concen: 5.53 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 74 Resp: 3134
Ion Ratio Lower Upper
74 100
45 95.5 53.0 159.0





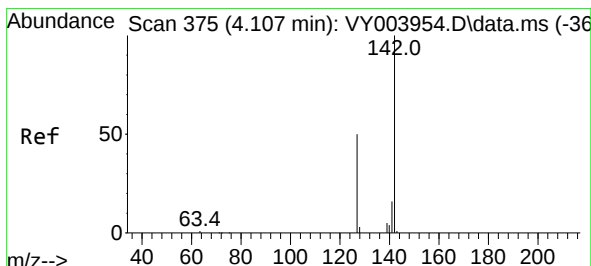
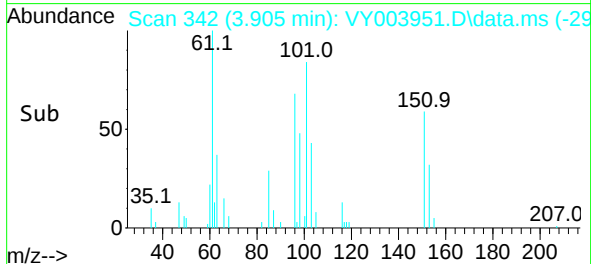
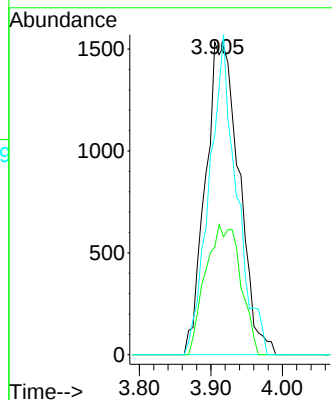
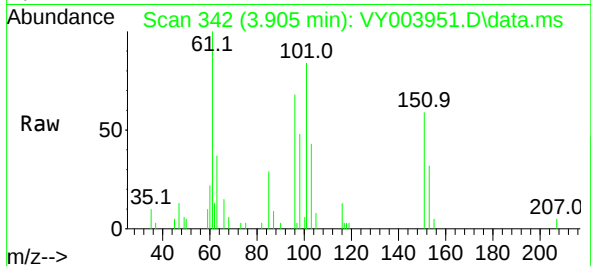
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.36 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion:	101	Resp:	5008
Ion	Ratio	Lower	Upper
101	100		
85	43.3	37.0	55.4
151	83.3	63.6	95.4

Instrument :
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ClientSampleId :
VSTDIC005

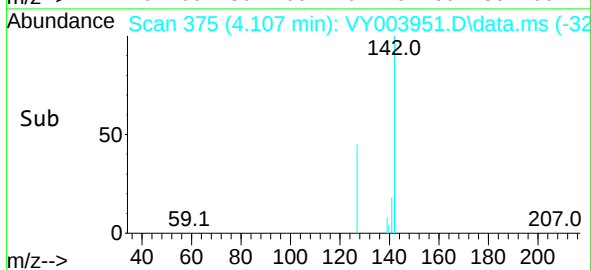
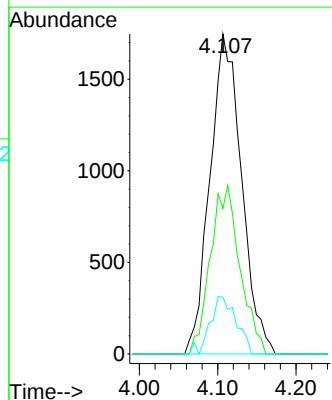
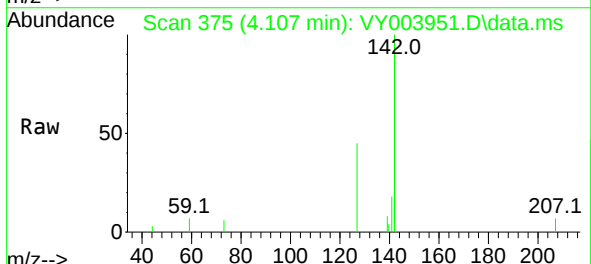
Manual Integrations
APPROVED

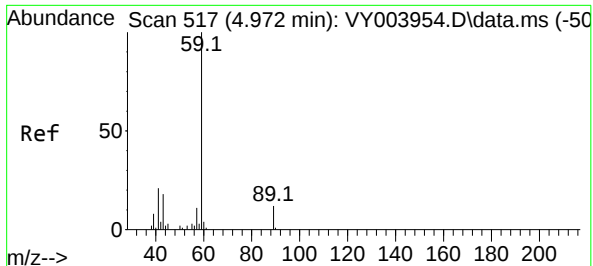
SAM
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#10
Methyl Iodide
Concen: 4.23 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion:	142	Resp:	4885
Ion	Ratio	Lower	Upper
142	100		
127	49.4	38.7	58.1
141	14.8	12.7	19.1





#11

Tert butyl alcohol

Concen: 37.51 ug/l m

RT: 4.948 min Scan# 513

Delta R.T. -0.024 min

Lab File: VY003951.D

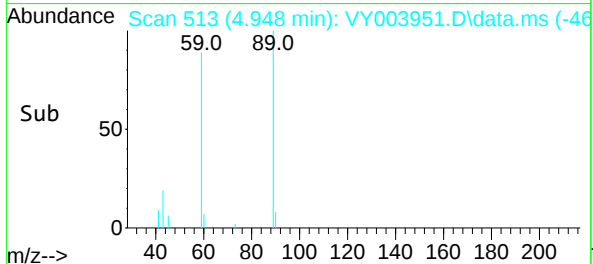
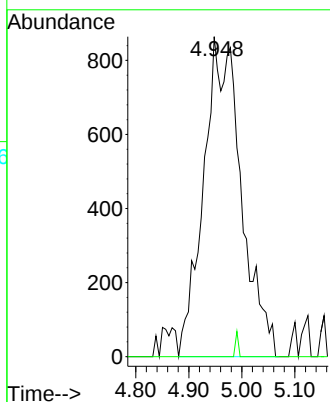
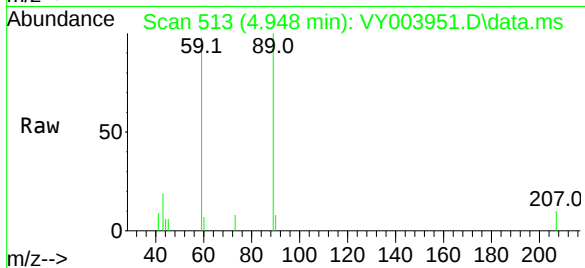
Acq: 28 Jan 2021 12:00

Tgt Ion: 59 Resp: 4248

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



Instrument :

MSVOA_Y

ClientSampleId :

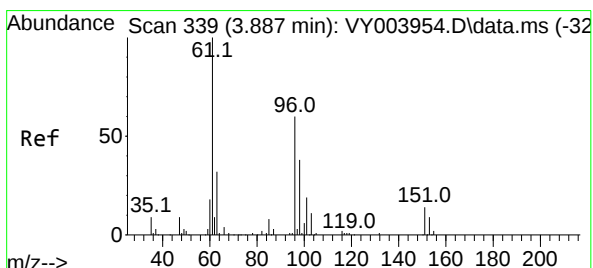
VSTDIC005

Manual Integrations

APPROVED

SAM

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#12

1,1-Dichloroethene

Concen: 5.18 ug/l

RT: 3.887 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

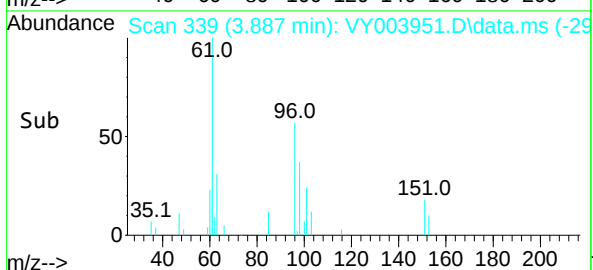
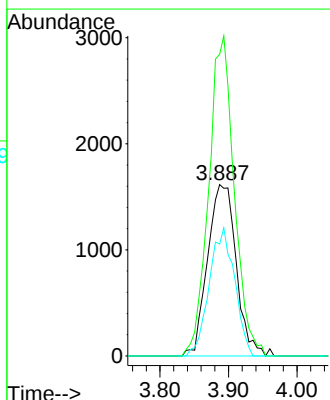
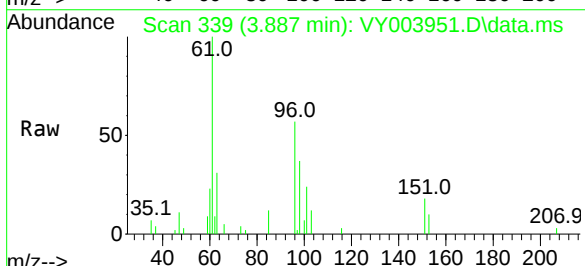
Tgt Ion: 96 Resp: 4693

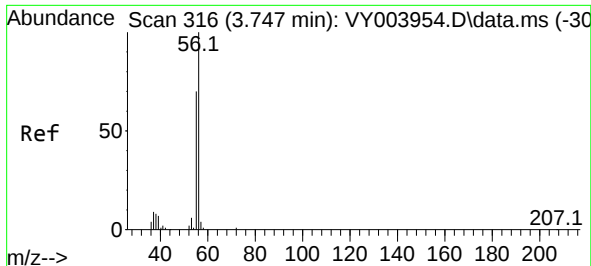
Ion Ratio Lower Upper

96 100

61 176.0 132.9 199.3

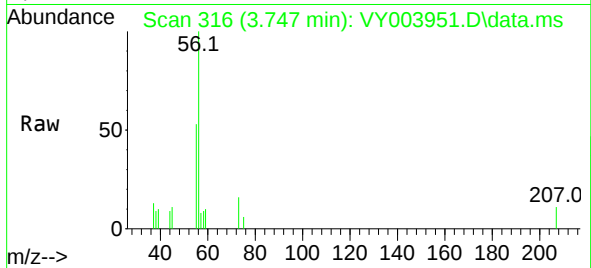
98 65.3 48.6 73.0





#13
Acrolein
Concen: 24.13 ug/l
RT: 3.747 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

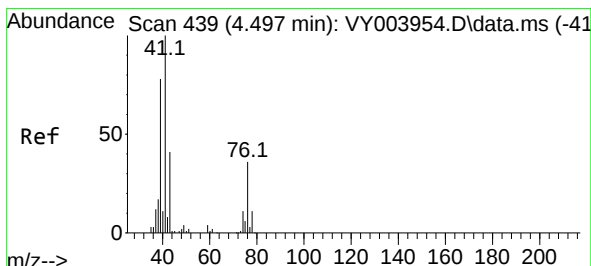
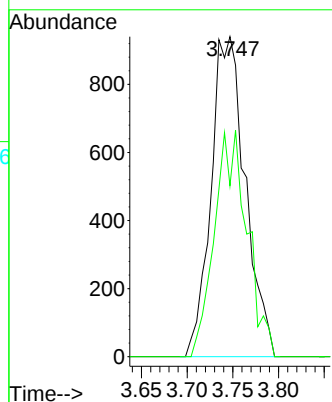
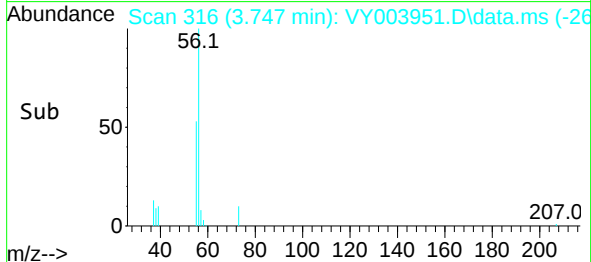
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



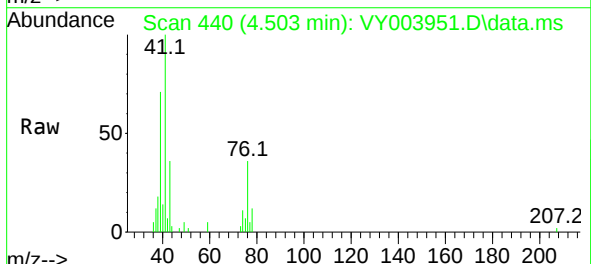
Tgt Ion: 56 Resp: 2455
Ion Ratio Lower Upper
56 100
55 67.2 55.0 82.4

Manual Integrations
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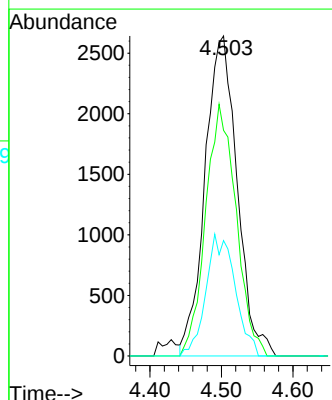
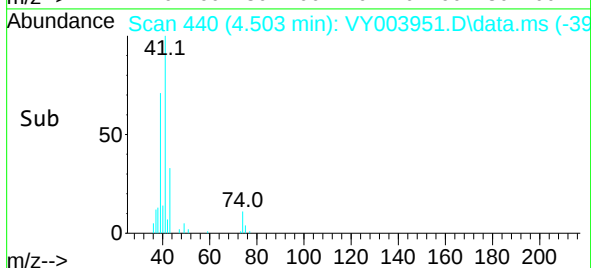
SAM
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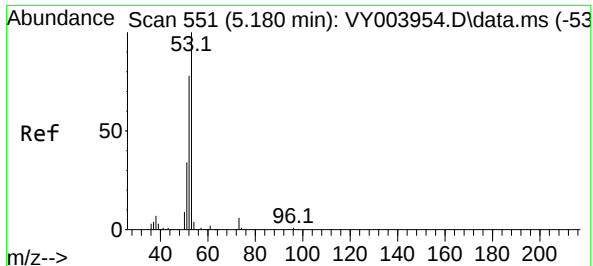


#14
Allyl chloride
Concen: 4.95 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



Tgt Ion: 41 Resp: 8259
Ion Ratio Lower Upper
41 100
39 74.6 55.2 82.8
76 34.5 25.0 37.4





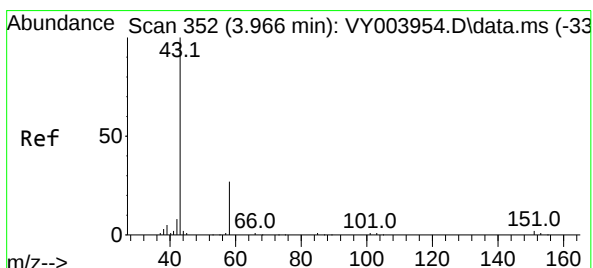
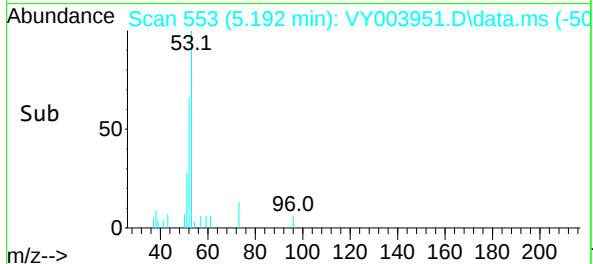
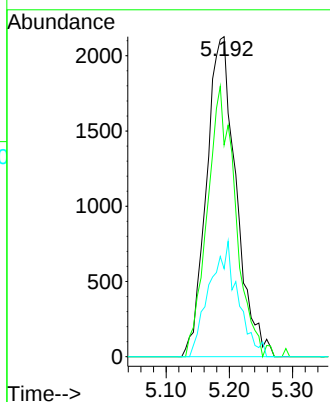
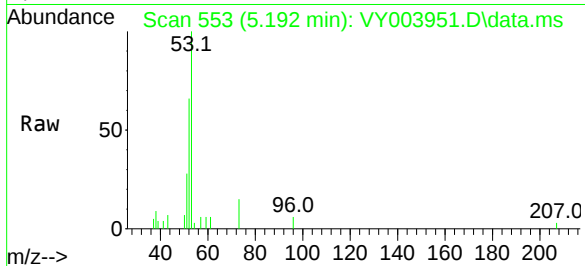
#15
Acrylonitrile
Concen: 24.03 ug/l
RT: 5.192 min Scan# 553
Delta R.T. 0.012 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 53	Resp: 6924	
Ion Ratio	Lower	Upper
53	100	
52	80.8	67.1 100.7
51	34.6	29.3 43.9

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

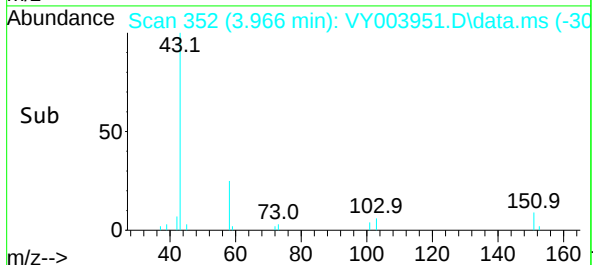
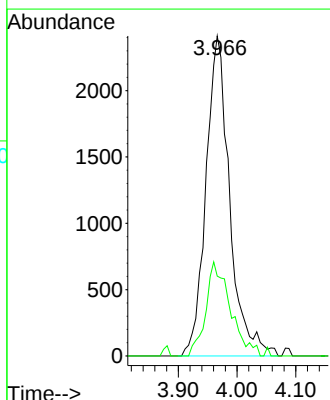
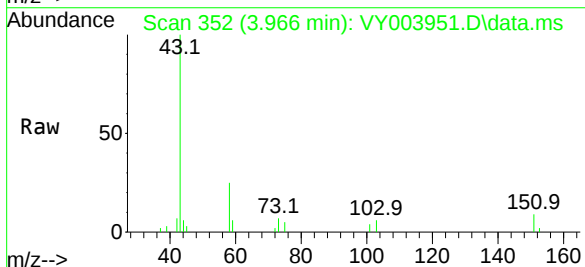
Manual Integrations
APPROVED

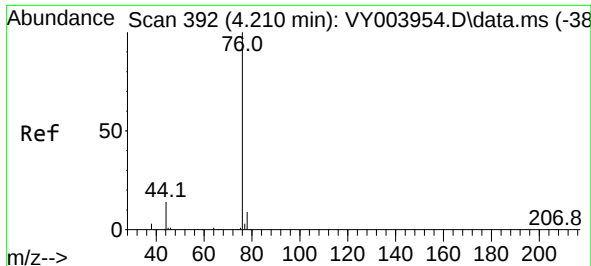
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#16
Acetone
Concen: 24.97 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

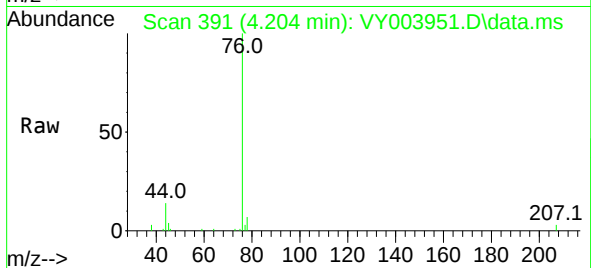
Tgt Ion: 43	Resp: 6764		
Ion Ratio	Lower	Upper	
43 100			
58 25.0	23.4	35.0	





#17
Carbon Disulfide
Concen: 5.19 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

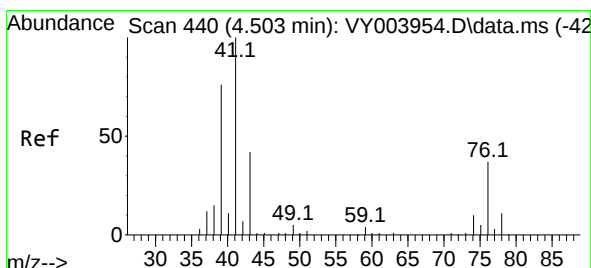
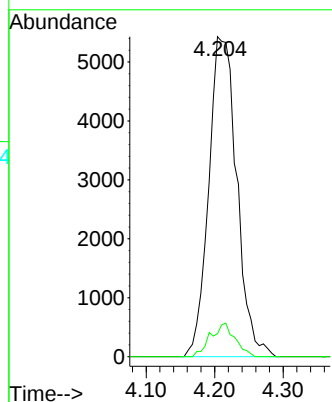
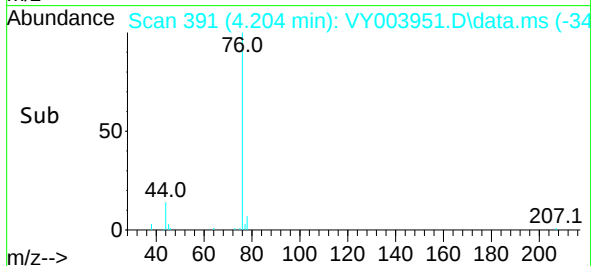
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



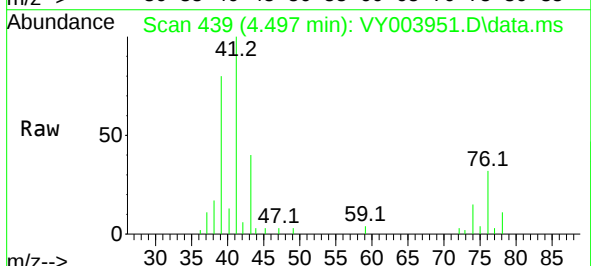
Tgt Ion: 76 Resp: 15438
Ion Ratio Lower Upper
76 100
78 7.1 6.3 9.5

Manual Integrations
APPROVED

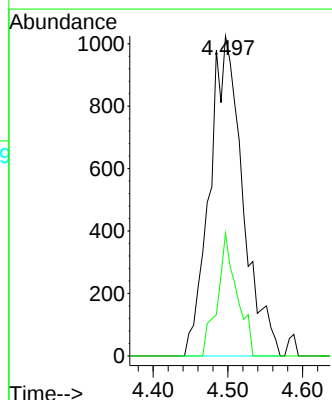
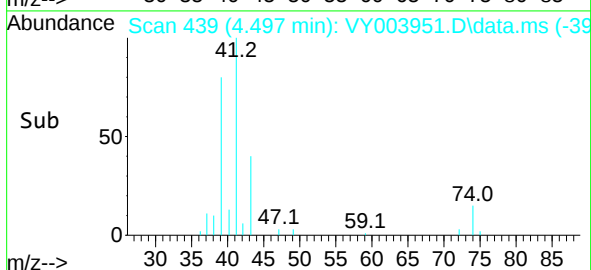
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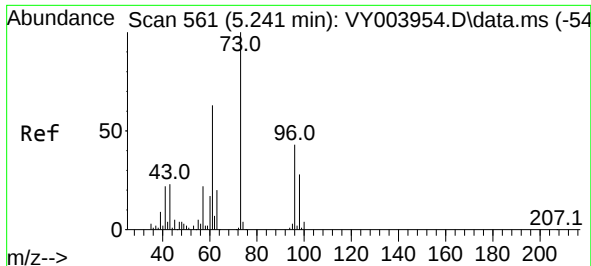


#18
Methyl Acetate
Concen: 4.69 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



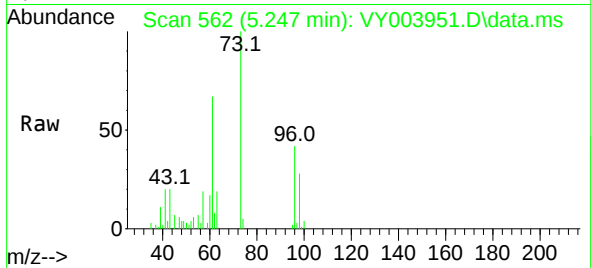
Tgt Ion: 43 Resp: 3164
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 5.03 ug/l
RT: 5.247 min Scan# 562
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

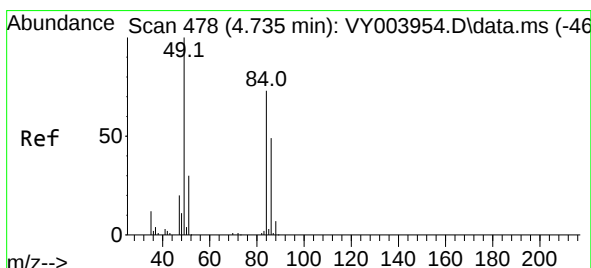
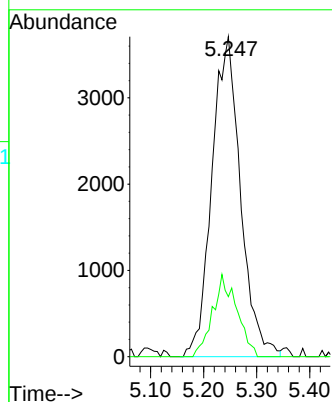
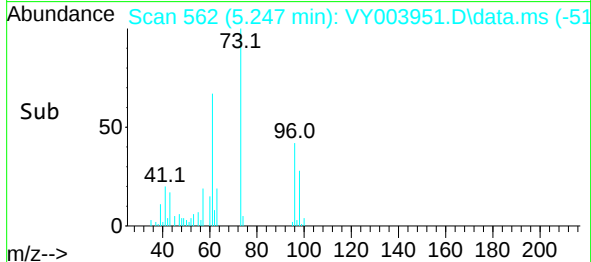
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



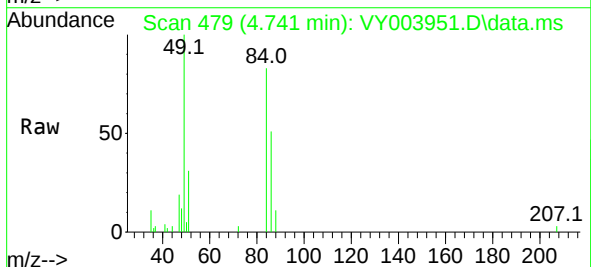
Tgt Ion: 73 Resp: 13912
Ion Ratio Lower Upper
73 100
57 18.7 19.0 28.6#

Manual Integrations
APPROVED

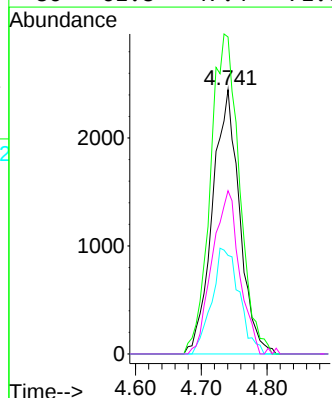
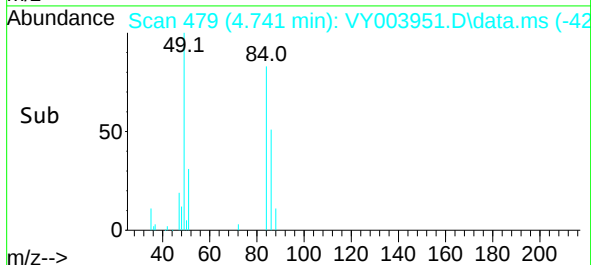
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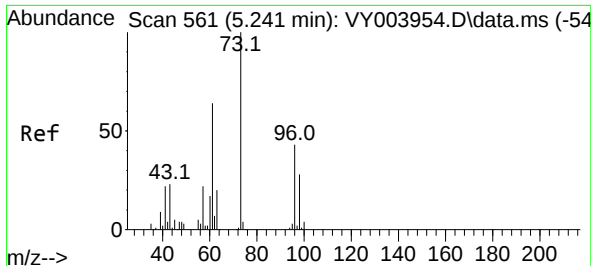


#20
Methylene Chloride
Concen: 6.12 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

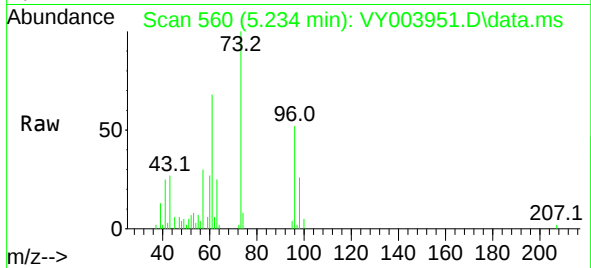


Tgt Ion: 84 Resp: 7039
Ion Ratio Lower Upper
84 100
49 119.9 107.0 160.4
51 37.3 31.9 47.9
86 61.8 47.4 71.0

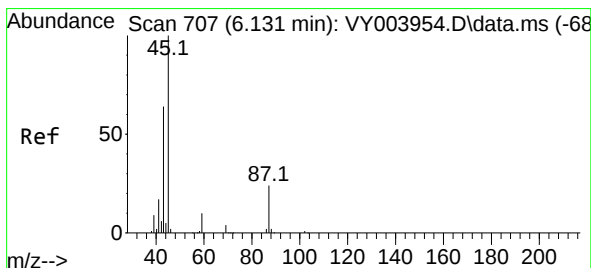
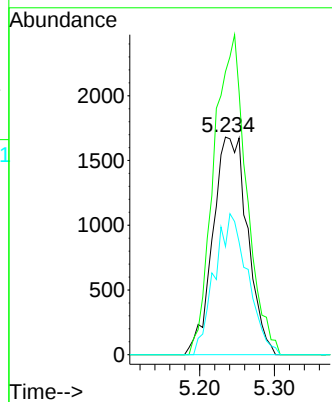
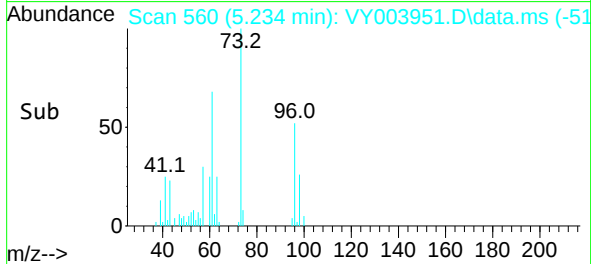




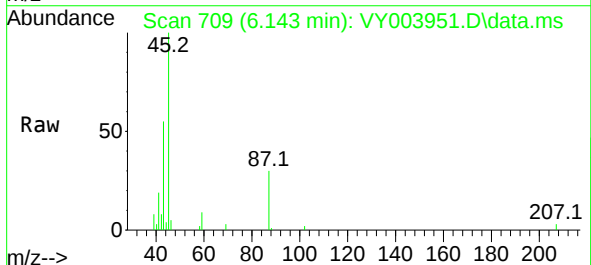
#21
trans-1,2-Dichloroethene
Concen: 5.20 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



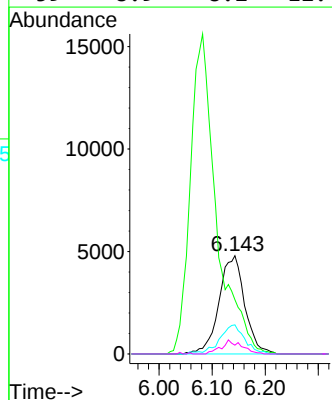
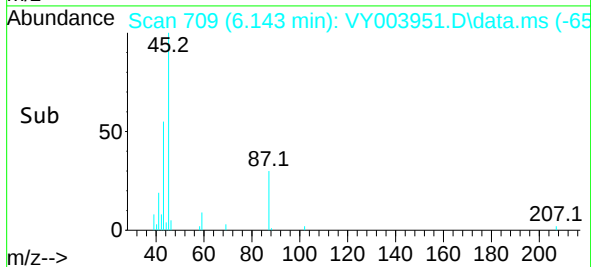
Tgt Ion: 96 Resp: 5419
Ion Ratio Lower Upper
96 100
61 130.0 122.1 183.1
98 49.7 51.4 77.0#



#22
Diisopropyl ether
Concen: 4.86 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



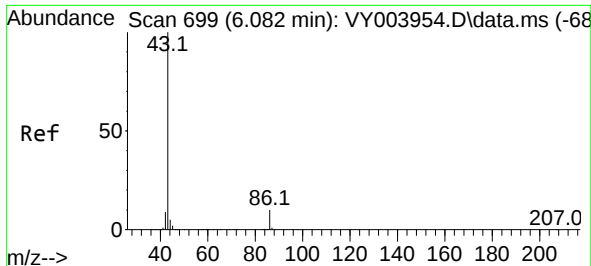
Tgt Ion: 45 Resp: 16115
Ion Ratio Lower Upper
45 100
43 55.3 45.9 68.9
87 29.7 19.4 29.0#
59 8.9 8.2 12.4



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

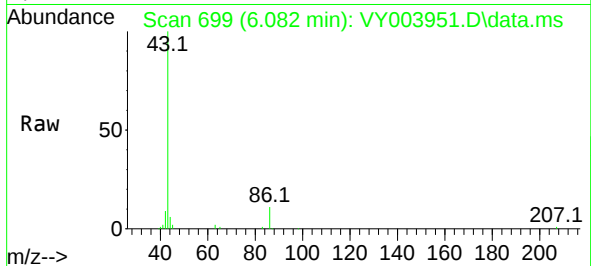
Manual Integrations
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#23
 Vinyl Acetate
 Concen: 23.52 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. -0.000 min
 Lab File: VY003951.D
 Acq: 28 Jan 2021 12:00

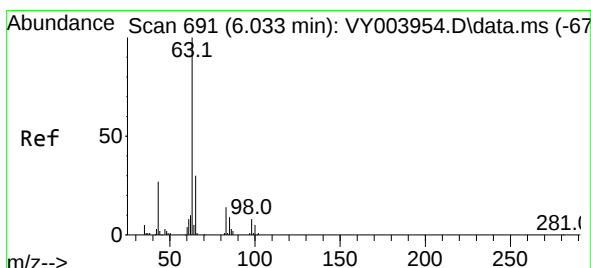
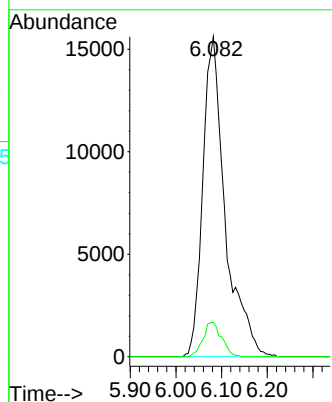
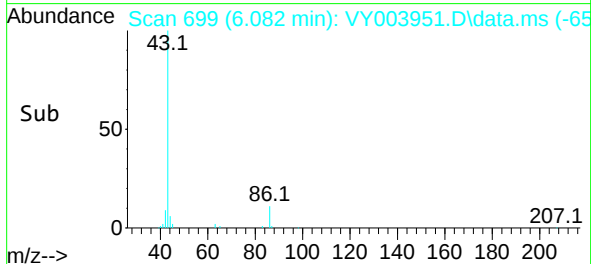
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



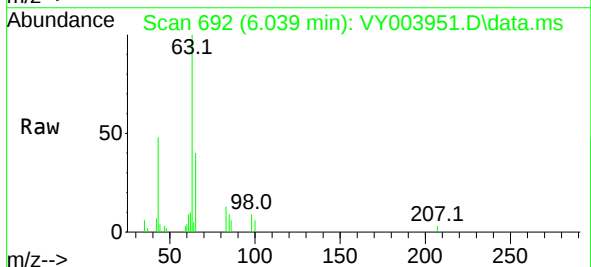
Tgt Ion: 43 Resp: 53180
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#

Manual Integrations
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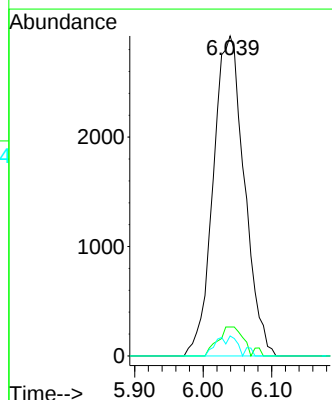
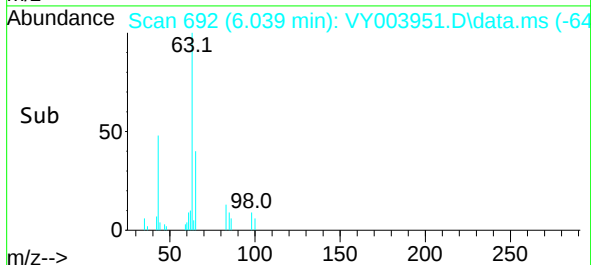
SAM
 2/1/2021 3:35:13 PM

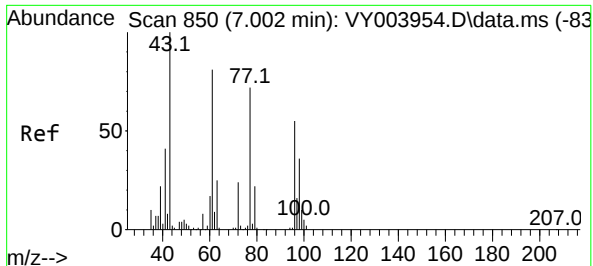


#24
 1,1-Dichloroethane
 Concen: 5.01 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY003951.D
 Acq: 28 Jan 2021 12:00



Tgt Ion: 63 Resp: 9218
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.5 10.6
 100 6.2 2.5 7.4





#25

2-Butanone

Concen: 22.18 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

Tgt Ion: 43 Resp: 8559

Ion Ratio Lower Upper

43 100

72 28.9 18.5 27.7#

Instrument :

MSVOA_Y

ClientSampleId :

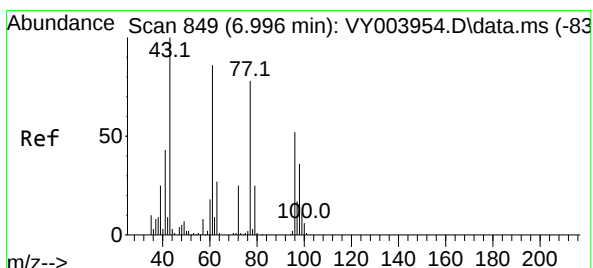
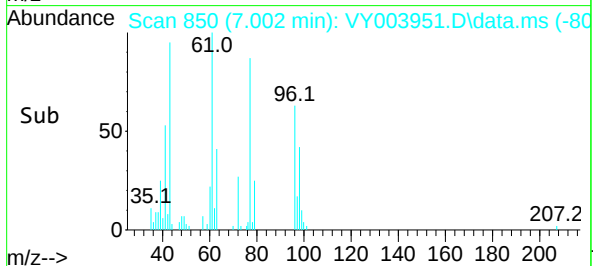
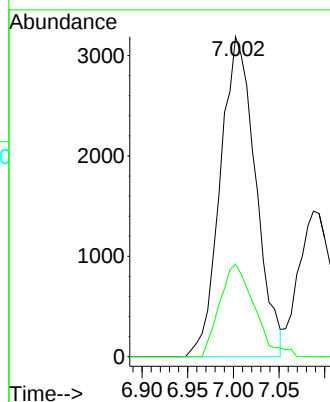
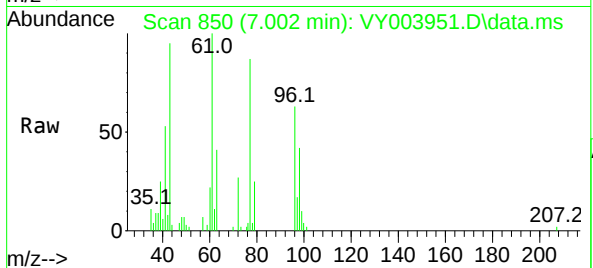
VSTDIC005

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.21 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY003951.D

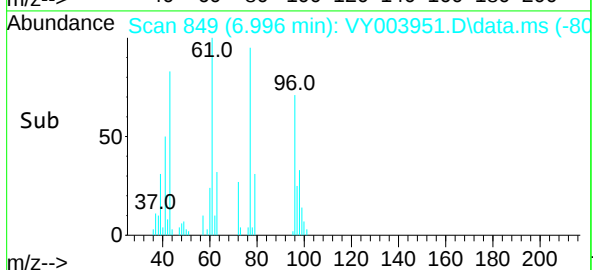
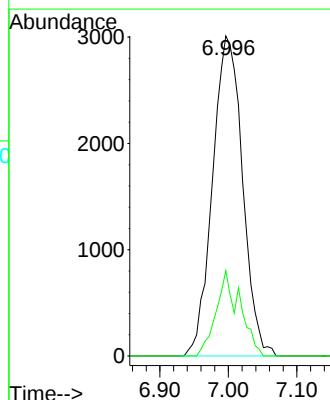
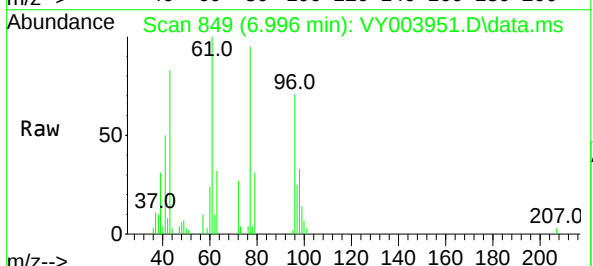
Acq: 28 Jan 2021 12:00

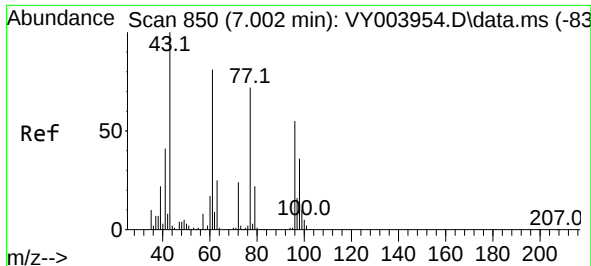
Tgt Ion: 77 Resp: 9139

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 5.21 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY003951.D

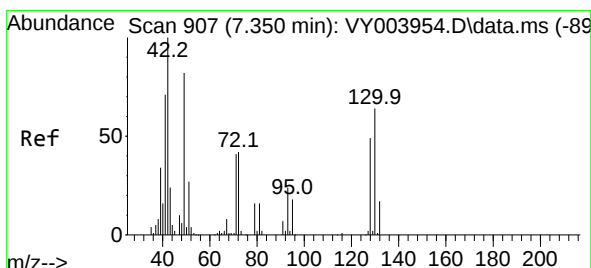
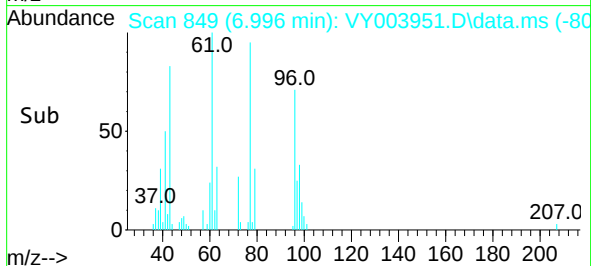
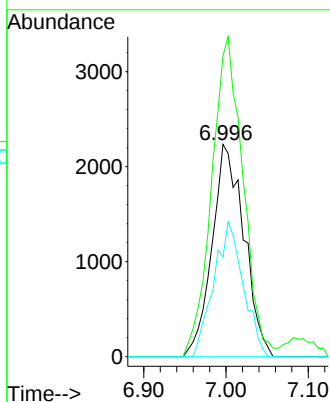
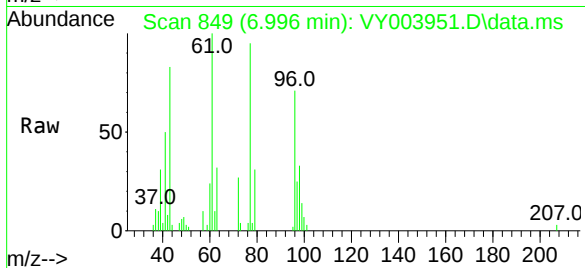
Acq: 28 Jan 2021 12:00

Tgt Ion:	96	Resp:	6031
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	306.6
98	58.6	0.0	128.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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#28

Bromochloromethane

Concen: 4.77 ug/l

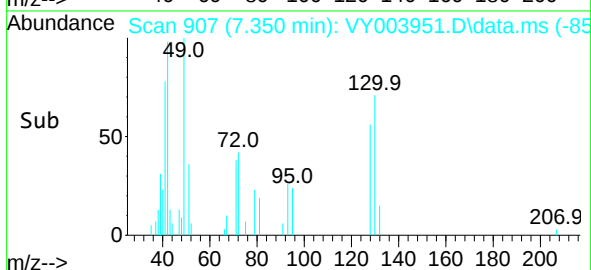
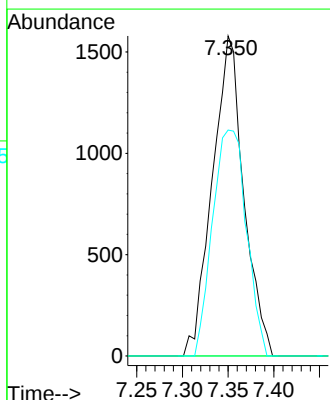
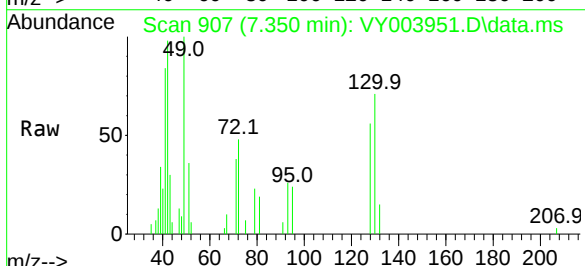
RT: 7.350 min Scan# 907

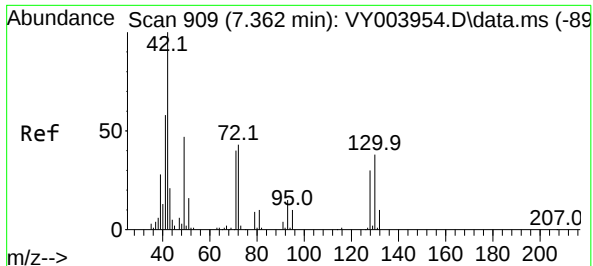
Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

Tgt Ion:	49	Resp:	3779
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.4
130	75.9	53.7	80.5





#29

Tetrahydrofuran

Concen: 22.72 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY003951.D

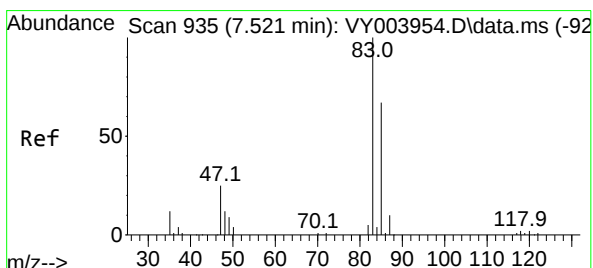
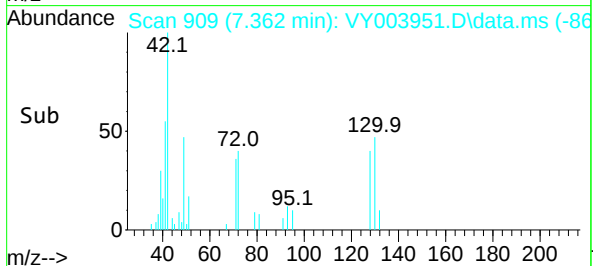
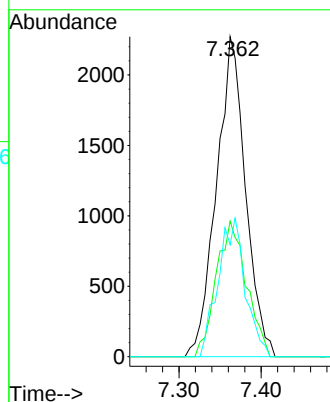
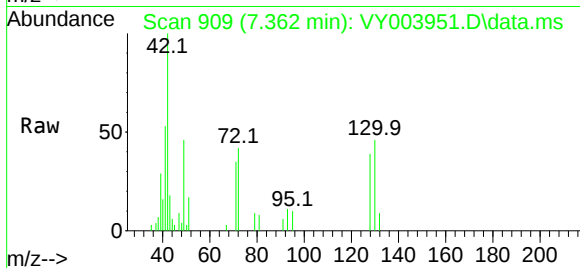
Acq: 28 Jan 2021 12:00

Tgt Ion:	42	Resp:	5588
Ion	Ratio	Lower	Upper
42	100		
72	44.1	30.6	45.8
71	40.4	28.6	43.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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#30

Chloroform

Concen: 5.10 ug/l

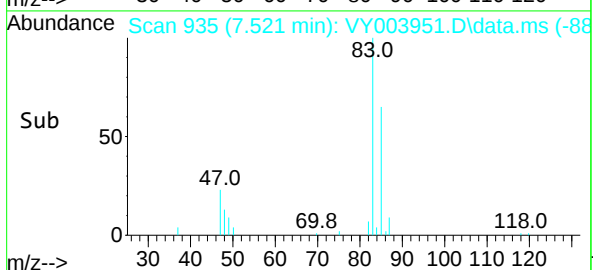
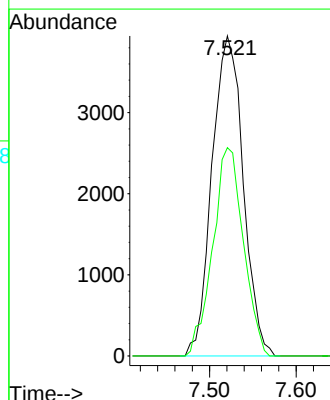
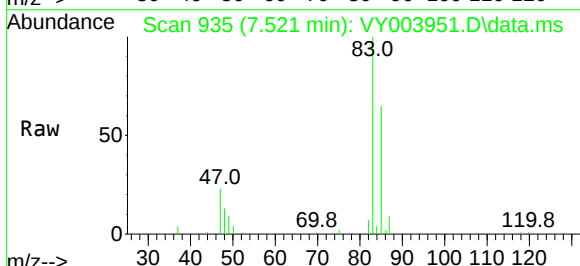
RT: 7.521 min Scan# 935

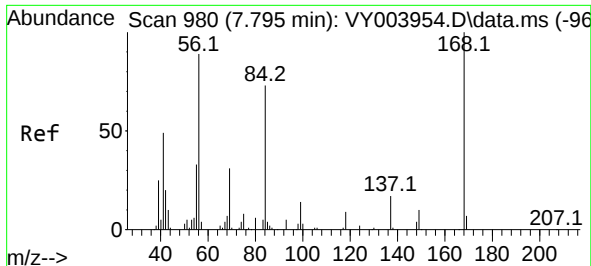
Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

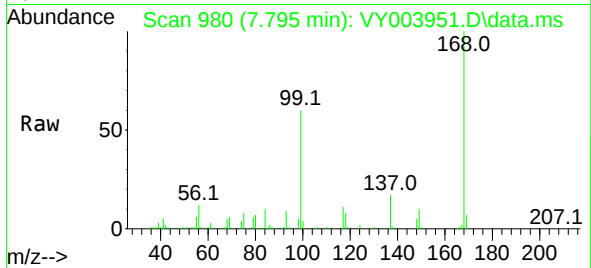
Tgt Ion:	83	Resp:	9862
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.7	77.5





#31
Cyclohexane
Concen: 6.01 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

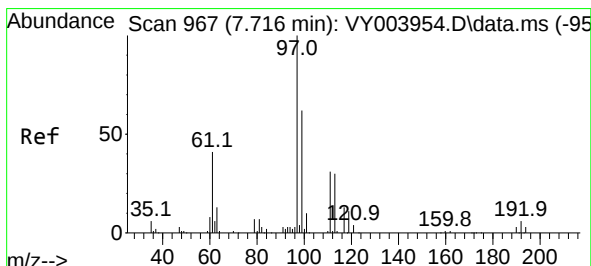
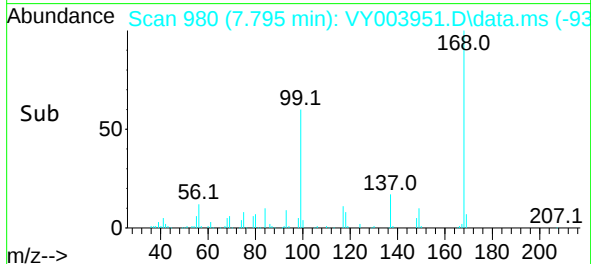
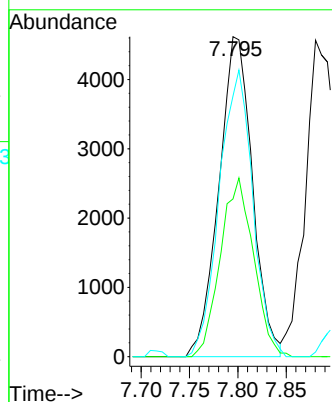
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
56	100		
69	49.3	25.0	37.4#
84	81.4	64.5	96.7

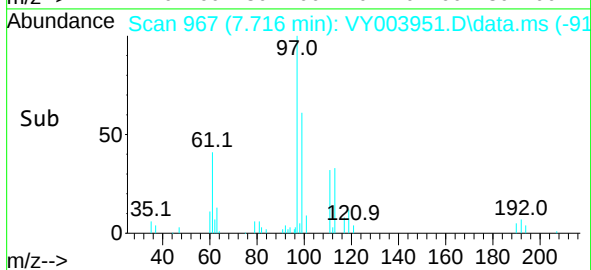
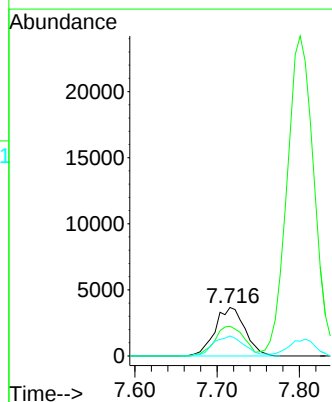
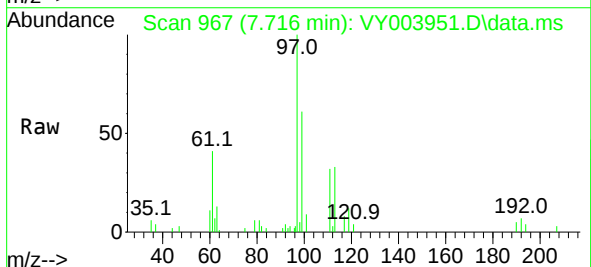
Manual Integrations
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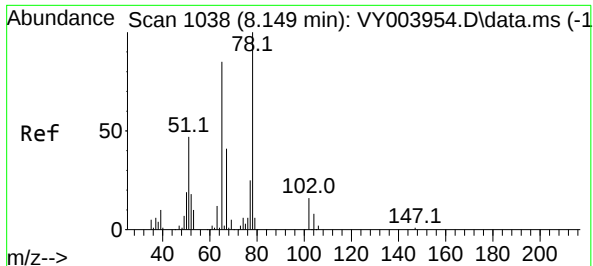
SAM
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#32
1,1,1-Trichloroethane
Concen: 5.20 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	59.8	50.6	75.8
61	43.0	36.4	54.6





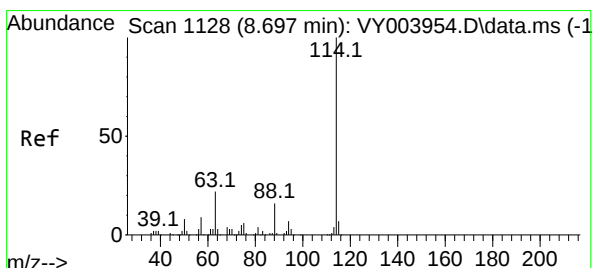
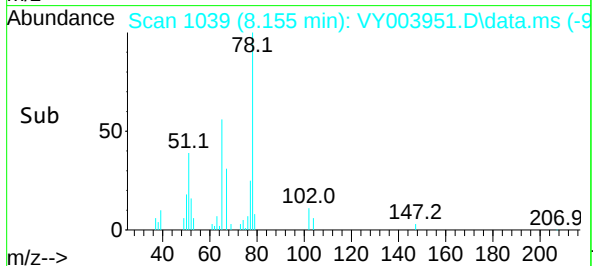
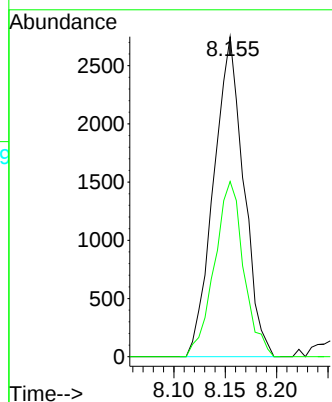
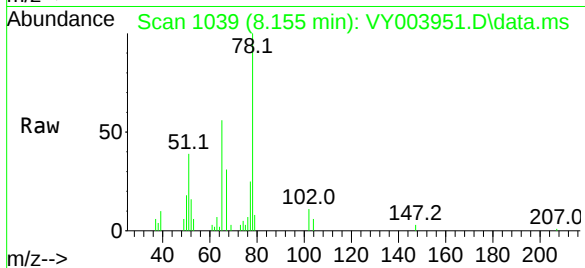
#33
1,2-Dichloroethane-d4
Concen: 5.06 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 65 Resp: 5578
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

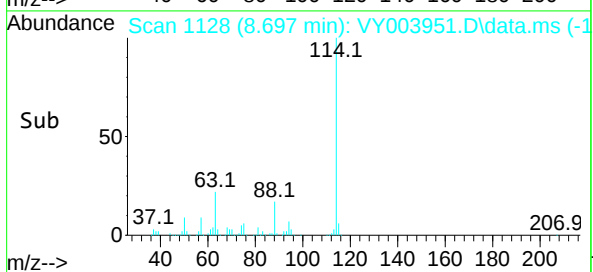
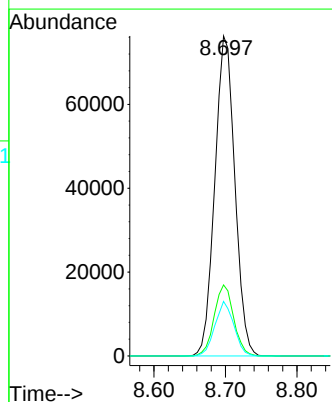
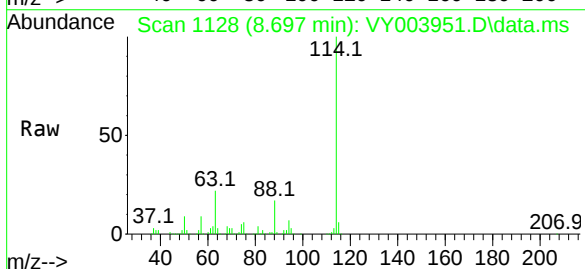
Manual Integrations
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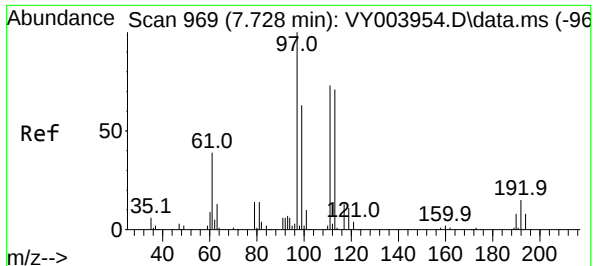
SAM
2/1/2021 3:35:13 PM



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 114 Resp: 148285
Ion Ratio Lower Upper
114 100
63 22.2 0.0 47.2
88 17.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 5.09 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY003951.D

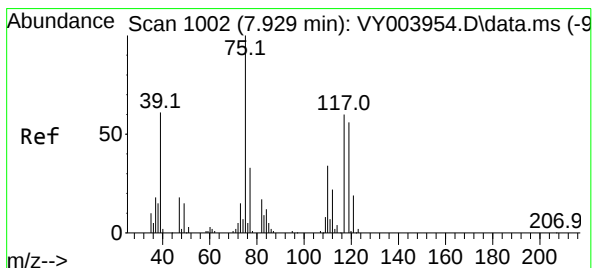
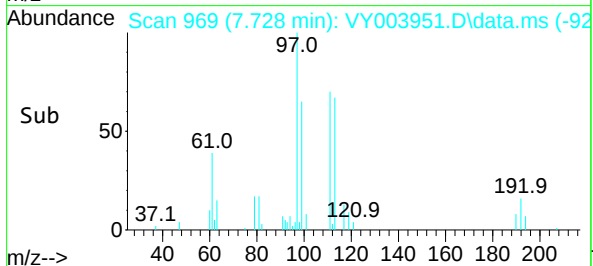
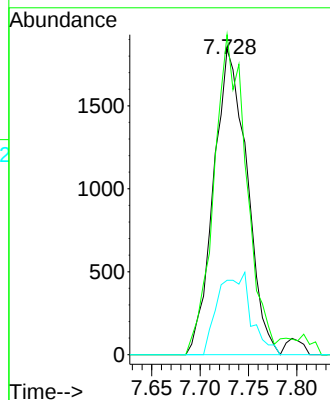
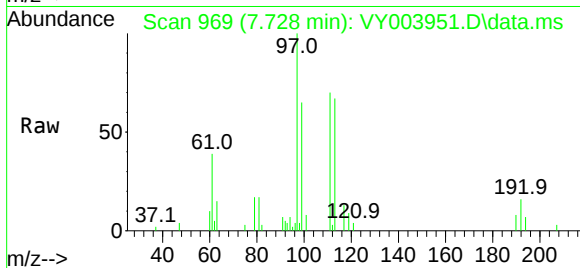
Acq: 28 Jan 2021 12:00

Tgt Ion:	113	Resp:	4415
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	26.7	18.3	27.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 5.45 ug/l

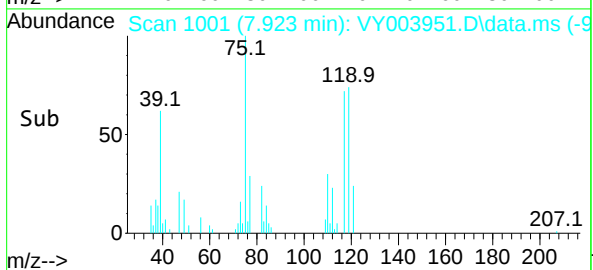
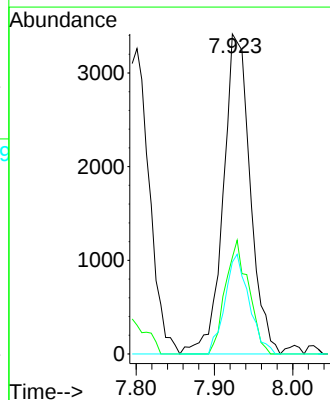
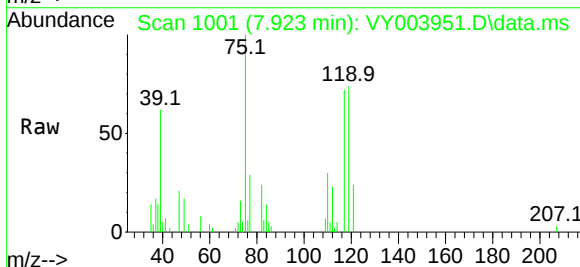
RT: 7.923 min Scan# 1001

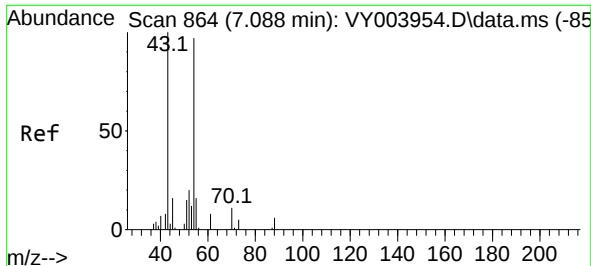
Delta R.T. -0.006 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

Tgt Ion:	75	Resp:	8177
Ion	Ratio	Lower	Upper
75	100		
110	30.7	17.9	53.8
77	27.8	24.8	37.2





#37

Ethyl Acetate

Concen: 4.61 ug/l

RT: 7.088 min Scan# 864

Delta R.T. -0.000 min

Lab File: VY003951.D

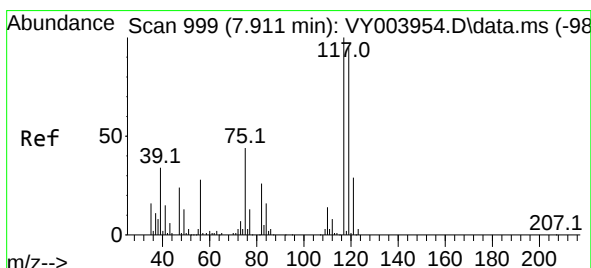
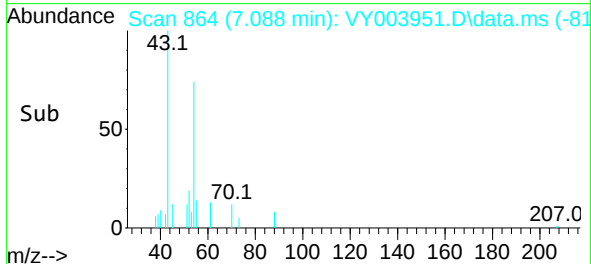
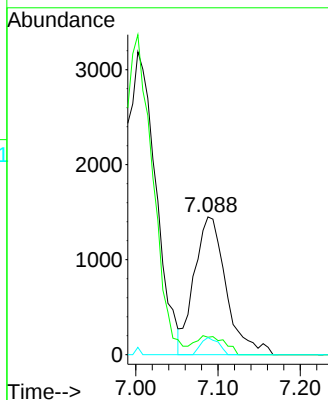
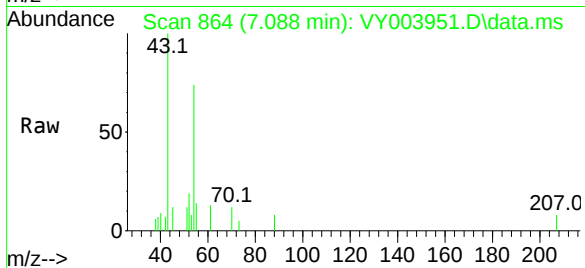
Acq: 28 Jan 2021 12:00

Tgt Ion:	43	Resp:	3910
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.5	14.3
70	7.0	7.7	11.5#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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SAM
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#38

Carbon Tetrachloride

Concen: 5.25 ug/l

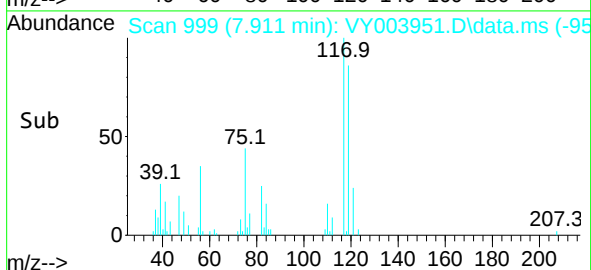
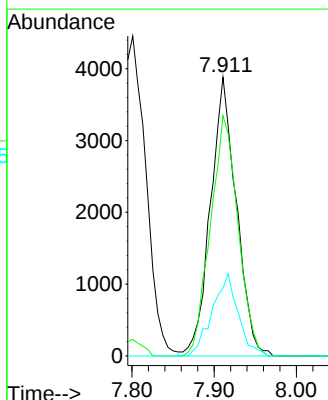
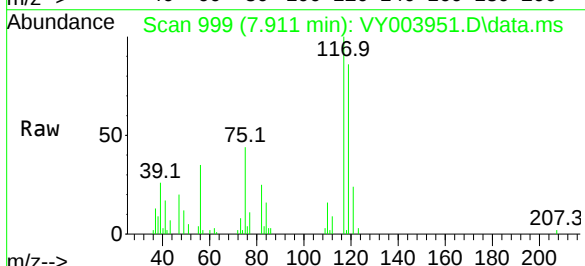
RT: 7.911 min Scan# 999

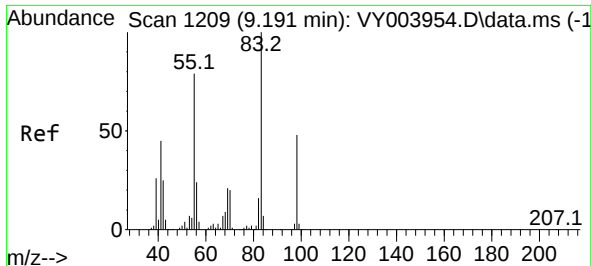
Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

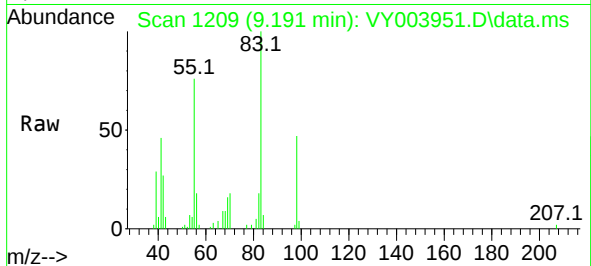
Tgt Ion:	117	Resp:	8509
Ion	Ratio	Lower	Upper
117	100		
119	86.2	77.4	116.0
121	24.4	26.1	39.1#





#39
Methylcyclohexane
Concen: 5.02 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

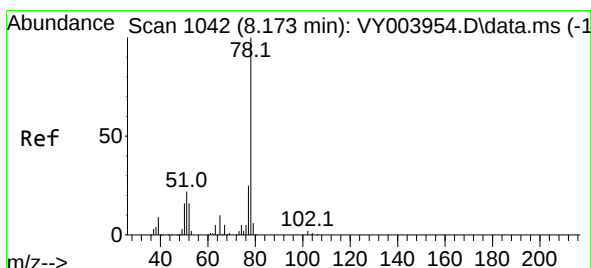
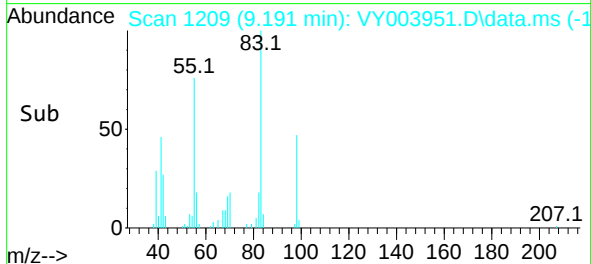
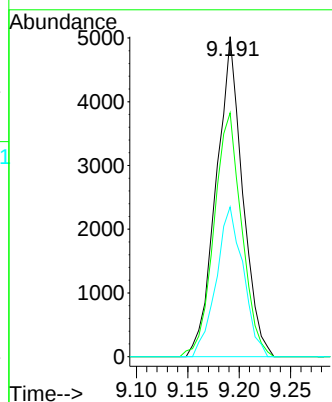
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 83	Resp: 8969
Ion Ratio	Lower Upper
83 100	
55 76.2	65.8 98.6
98 46.8	38.3 57.5

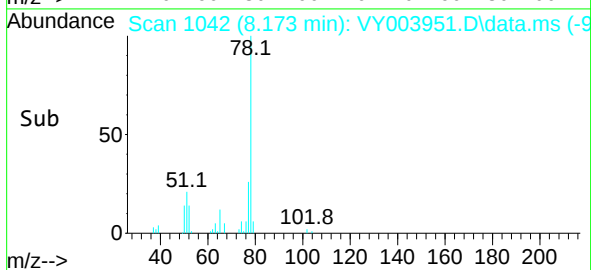
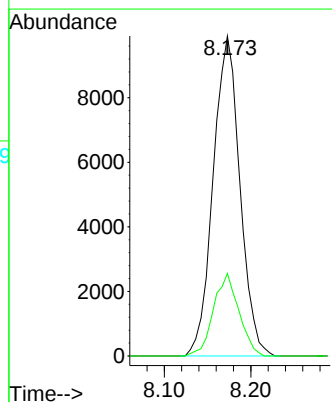
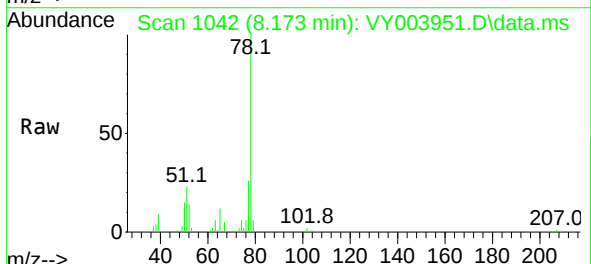
Manual Integrations
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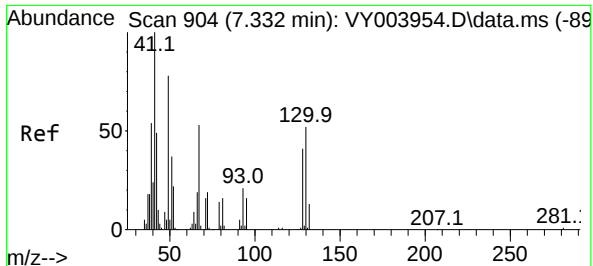
SAM
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#40
Benzene
Concen: 5.13 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

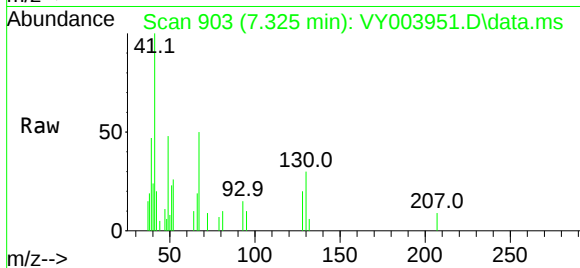
Tgt Ion: 78	Resp: 21279
Ion Ratio	Lower Upper
78 100	
77 25.8	20.4 30.6





#41
Methacrylonitrile
Concen: 3.53 ug/l m
RT: 7.325 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

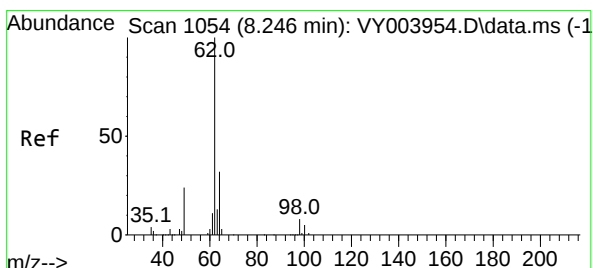
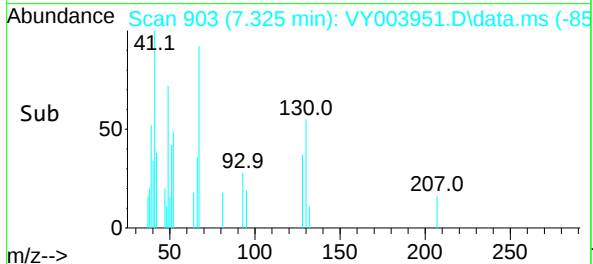
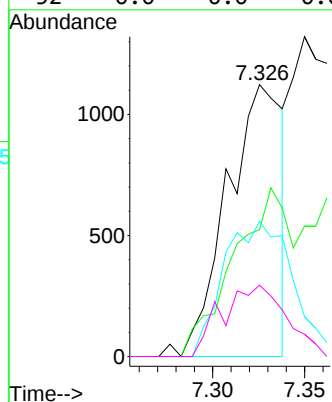
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 41 Resp: 2330
Ion Ratio Lower Upper
41 100
39 46.7 82.6 124.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

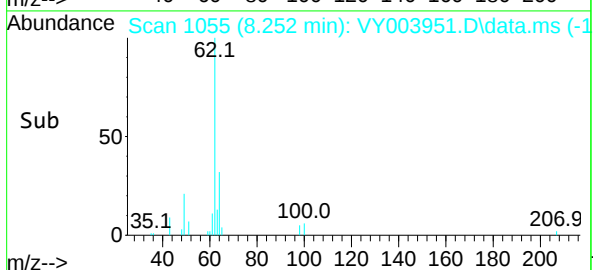
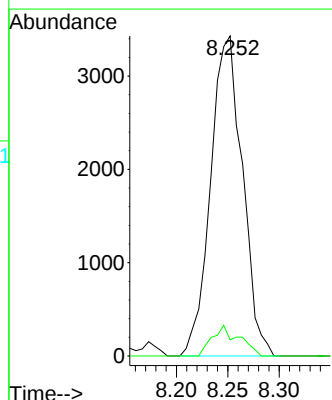
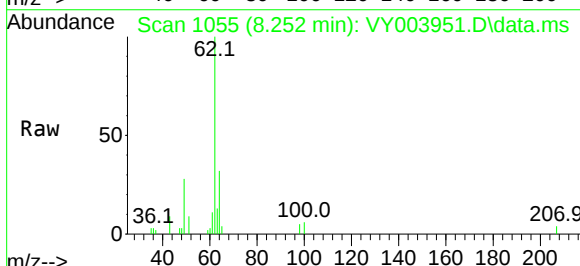
Manual Integrations
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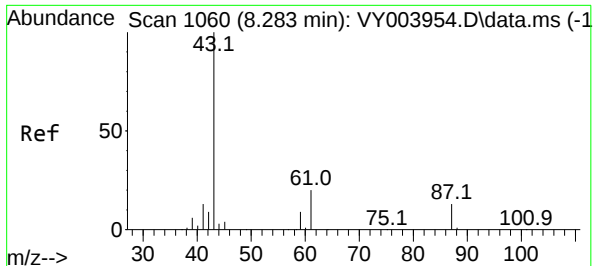
SAM
2/1/2021 3:35:13 PM



#42
1,2-Dichloroethane
Concen: 5.17 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 62 Resp: 7386
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.0





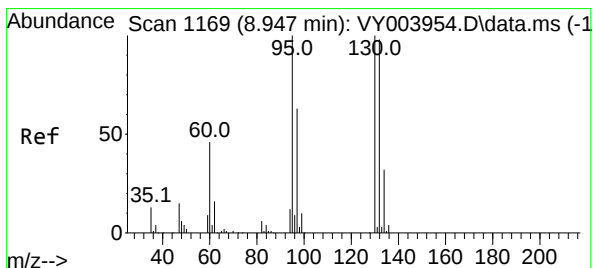
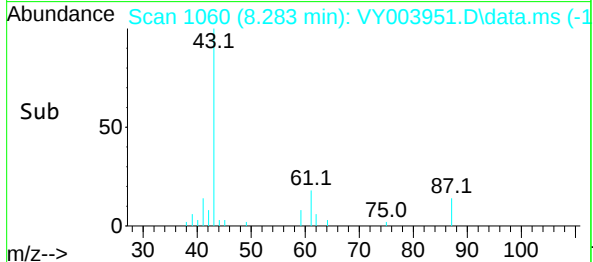
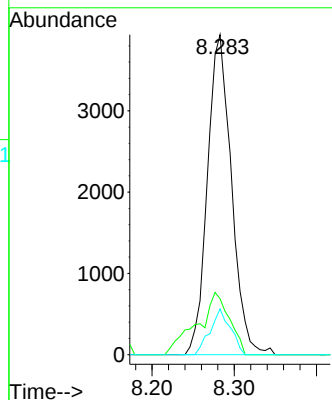
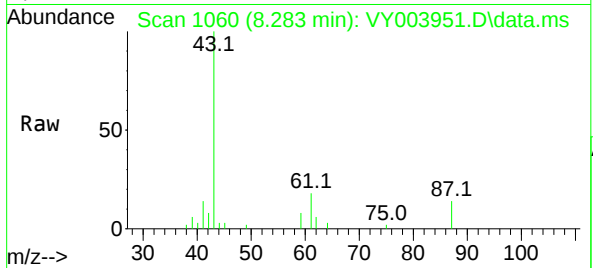
#43
Isopropyl Acetate
Concen: 4.84 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 43	Resp: 7993		
Ion	Ratio	Lower	Upper
43	100		
61	26.1	21.1	31.7
87	12.1	9.1	13.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

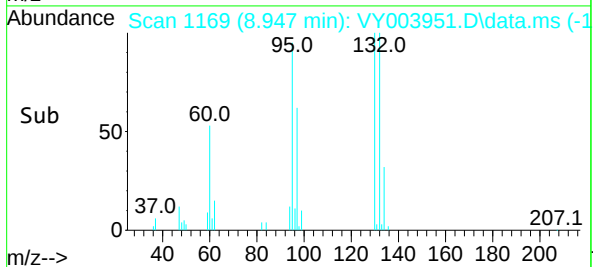
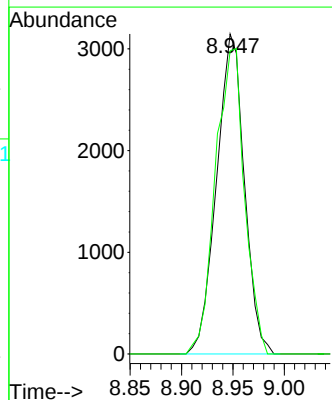
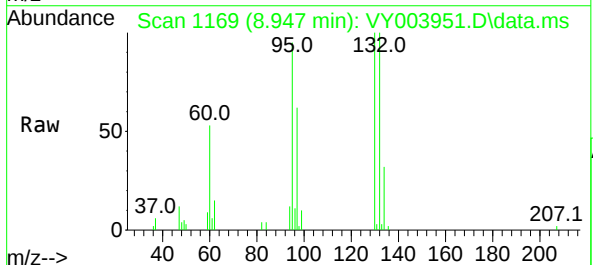
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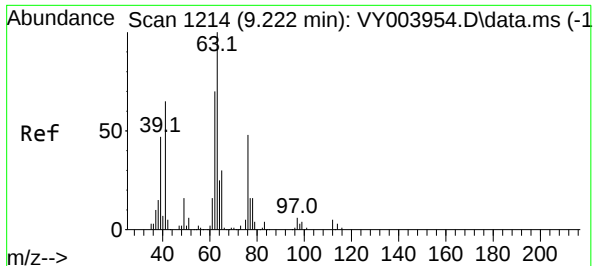
SAM
2/1/2021 3:35:13 PM



#44
Trichloroethene
Concen: 5.15 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion:130	Resp:	5900	
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	199.4





#45

1,2-Dichloropropane

Concen: 5.18 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

Tgt Ion: 63 Resp: 5313

Ion Ratio Lower Upper

63 100

65 37.9 24.4 36.6#

Instrument :

MSVOA_Y

ClientSampleId :

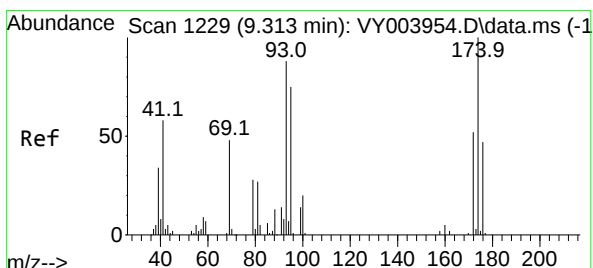
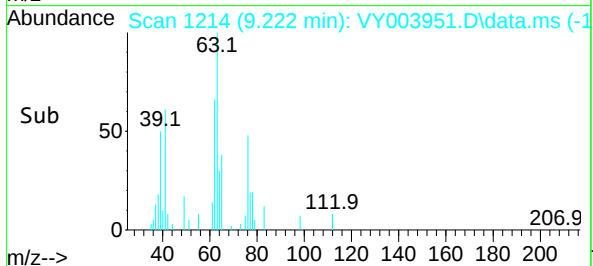
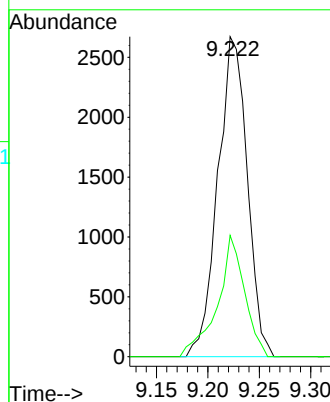
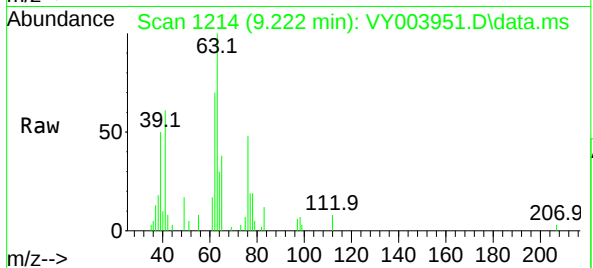
VSTDIC005

Manual Integrations

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#46

Dibromomethane

Concen: 4.81 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

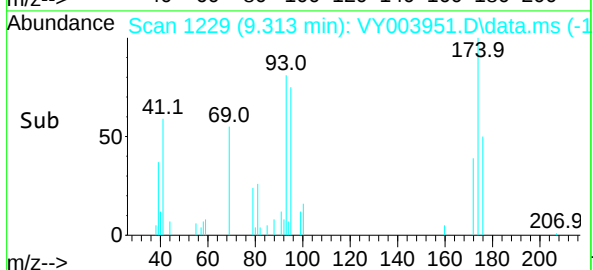
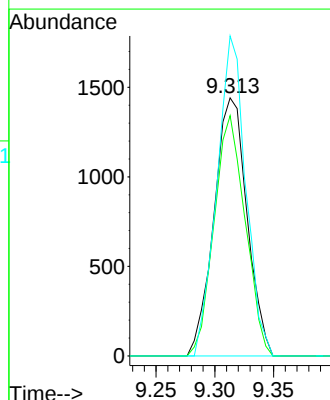
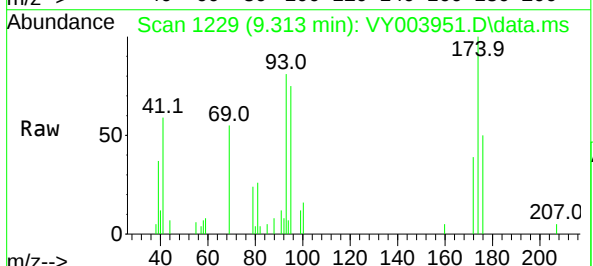
Tgt Ion: 93 Resp: 2820

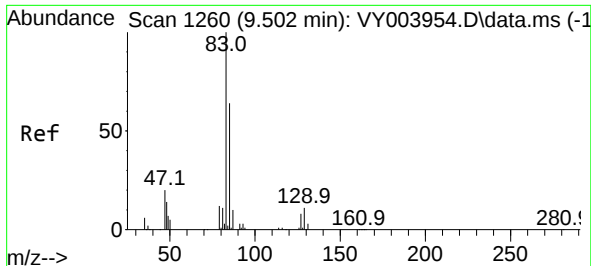
Ion Ratio Lower Upper

93 100

95 87.3 66.4 99.6

174 108.4 82.2 123.2





#47
Bromodichloromethane
Concen: 4.93 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

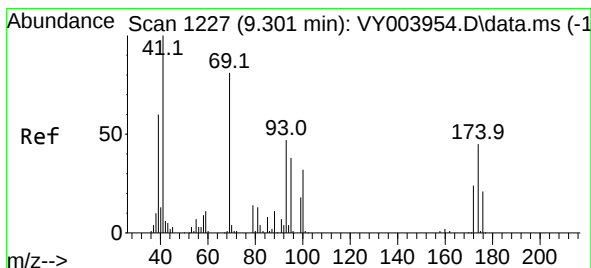
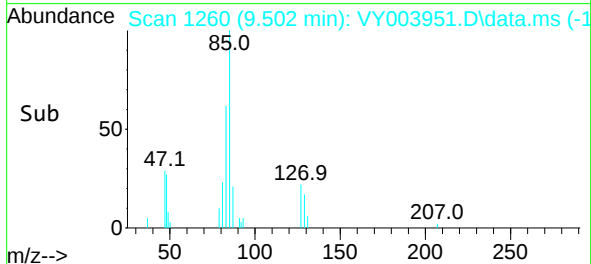
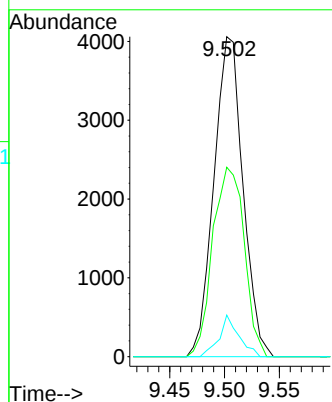
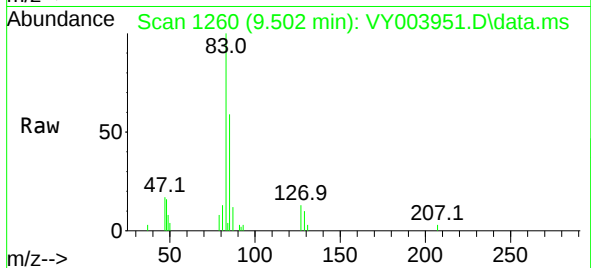
Tgt Ion: 83 Resp: 7484

Ion	Ratio	Lower	Upper
83	100		
85	59.2	49.2	73.8
127	13.0	6.7	10.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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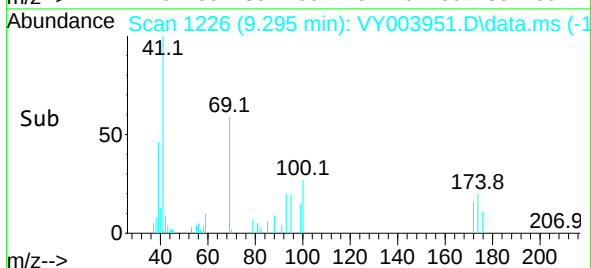
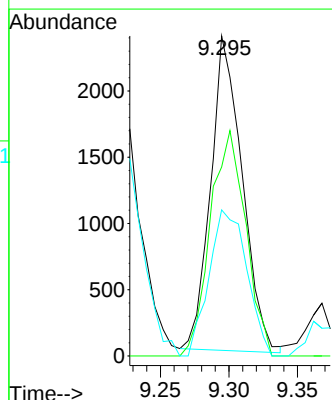
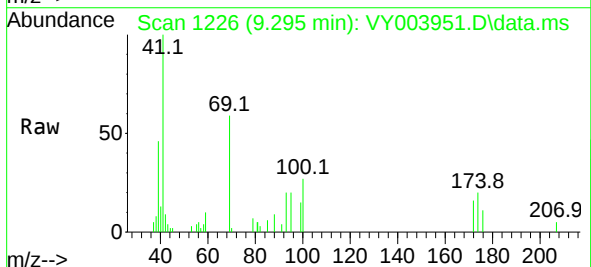
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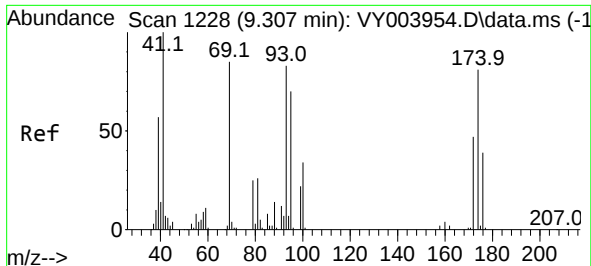


#48
Methyl methacrylate
Concen: 4.71 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 41 Resp: 3798

Ion	Ratio	Lower	Upper
41	100		
69	80.5	60.8	91.2
39	55.6	48.2	72.2





#49

1,4-Dioxane

Concen: 78.99 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY003951.D

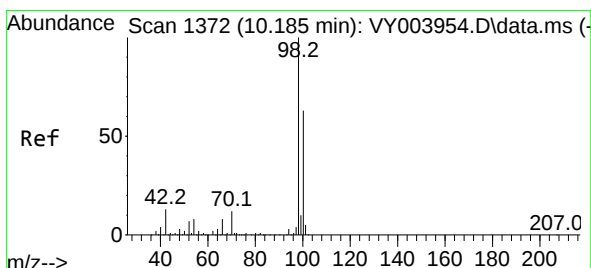
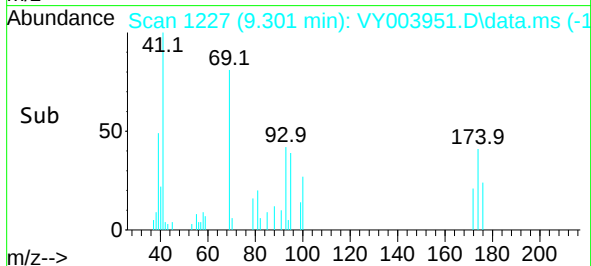
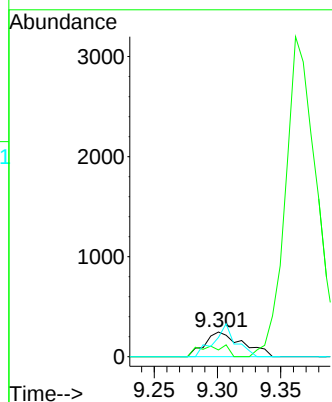
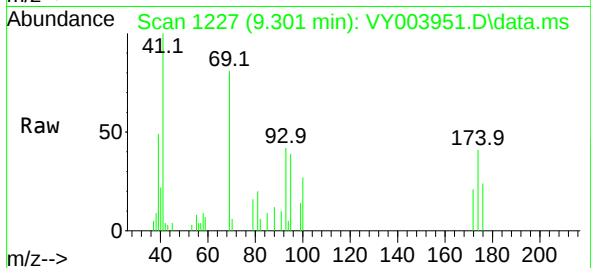
Acq: 28 Jan 2021 12:00

Tgt Ion:	88	Resp:	514
Ion	Ratio	Lower	Upper
88	100		
43	32.7	32.6	48.8
58	75.1	60.2	90.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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#50

Toluene-d8

Concen: 5.32 ug/l

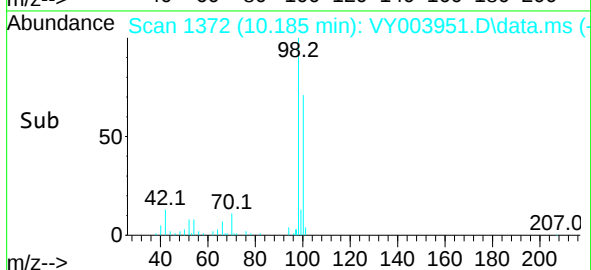
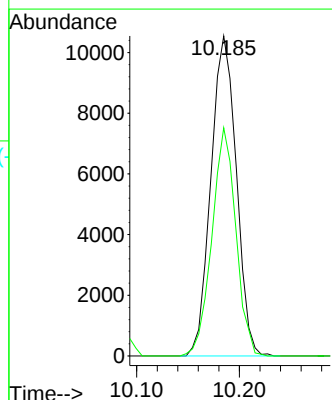
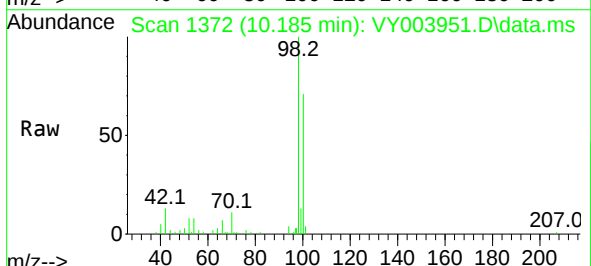
RT: 10.185 min Scan# 1372

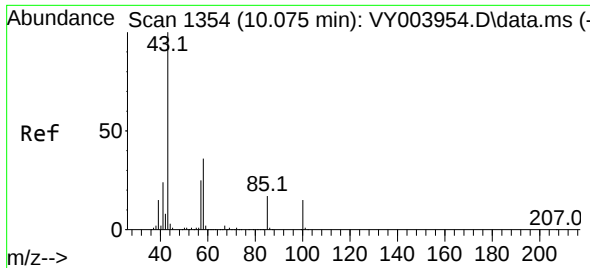
Delta R.T. -0.000 min

Lab File: VY003951.D

Acq: 28 Jan 2021 12:00

Tgt Ion:	98	Resp:	18108
Ion	Ratio	Lower	Upper
98	100		
100	67.1	50.5	75.7





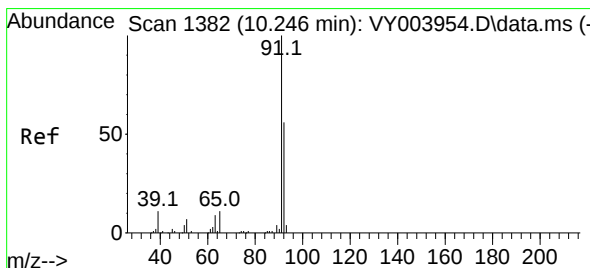
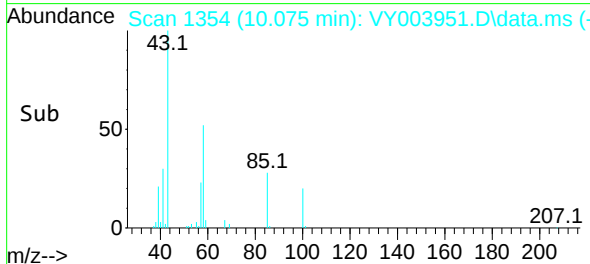
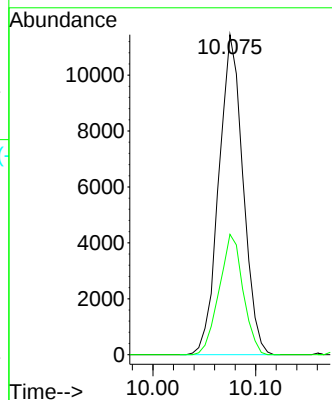
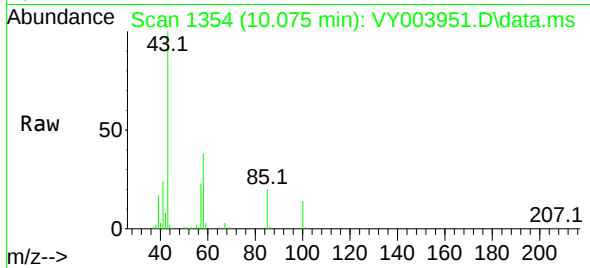
#51
4-Methyl-2-Pentanone
Concen: 22.20 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 43 Resp: 18711
Ion Ratio Lower Upper
43 100
58 37.1 28.6 42.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

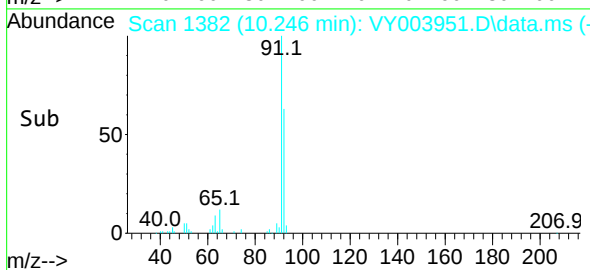
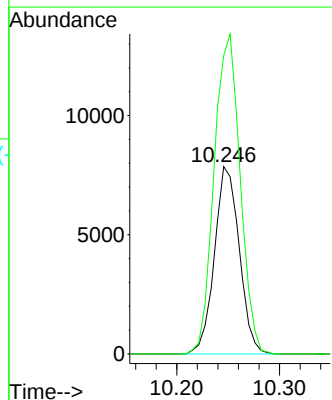
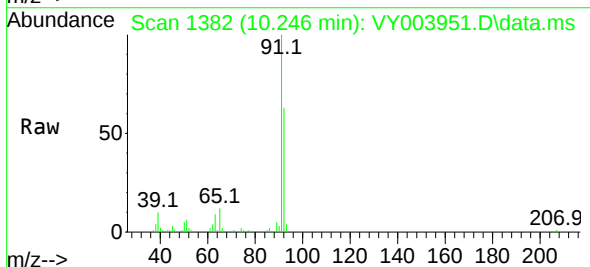
Manual Integrations
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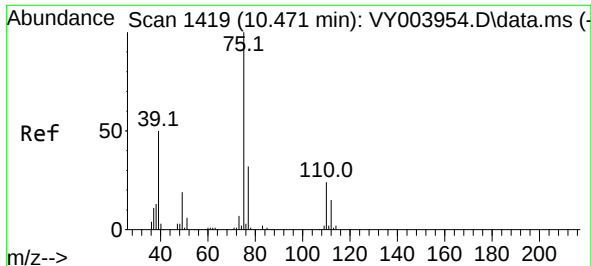
SAM
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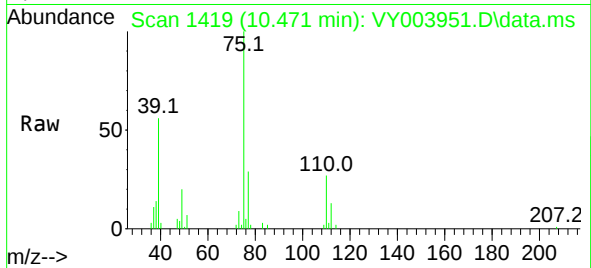
#52
Toluene
Concen: 5.03 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 92 Resp: 13162
Ion Ratio Lower Upper
92 100
91 179.1 142.7 214.1

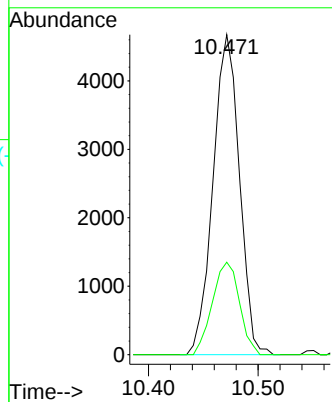
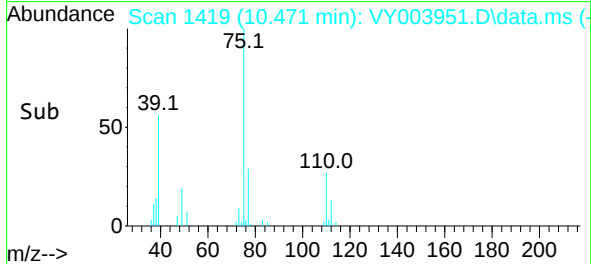




#53
t-1,3-Dichloropropene
Concen: 4.90 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



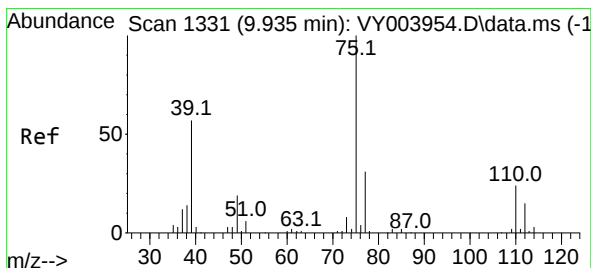
Tgt Ion: 75 Resp: 7825
Ion Ratio Lower Upper
75 100
77 28.9 25.2 37.8



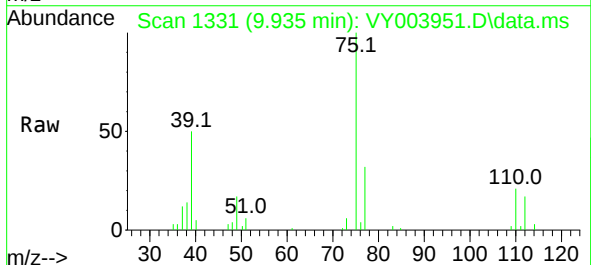
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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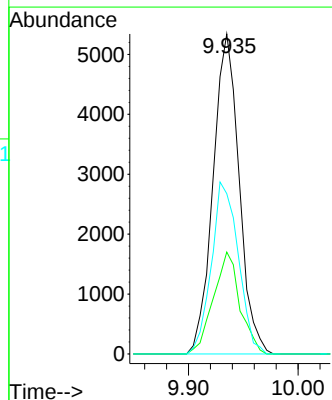
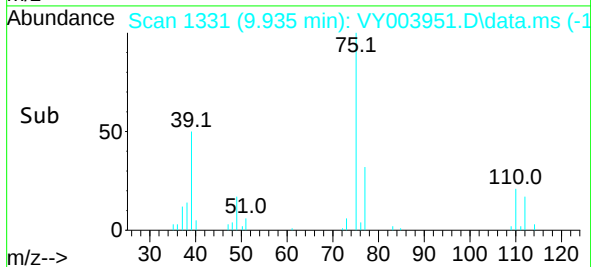
SAM
2/1/2021 3:35:13 PM

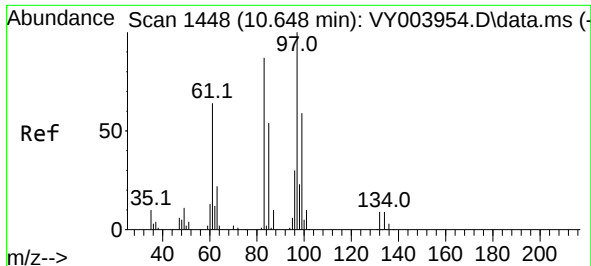


#54
cis-1,3-Dichloropropene
Concen: 4.98 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

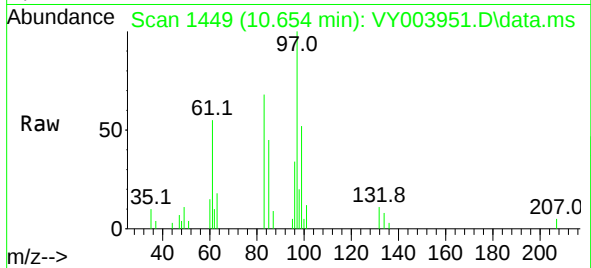


Tgt Ion: 75 Resp: 8826
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 50.1 47.0 70.4

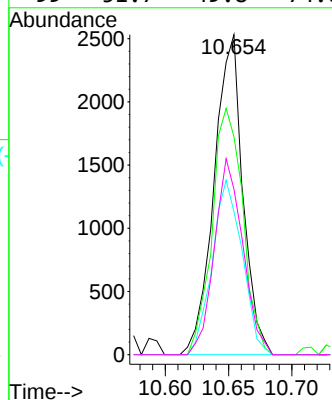




#55
1,1,2-Trichloroethane
Concen: 4.92 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



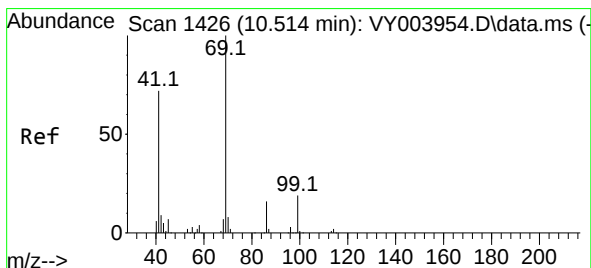
Tgt Ion:	97	Resp:	3997
Ion	Ratio	Lower	Upper
97	100		
83	68.1	70.6	106.0#
85	44.7	45.8	68.8#
99	51.7	49.8	74.6



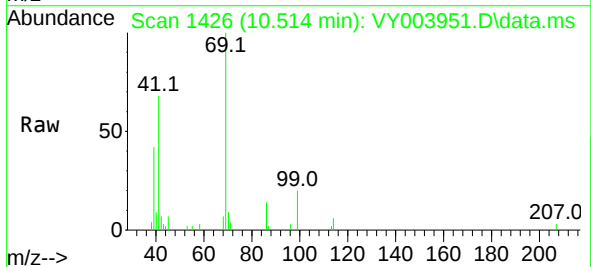
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

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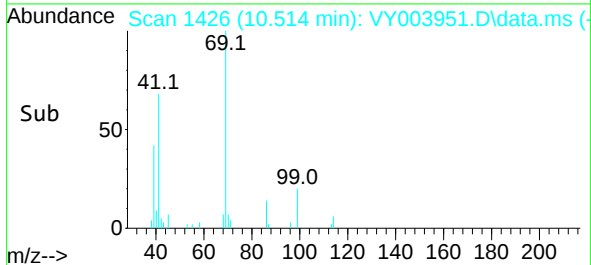
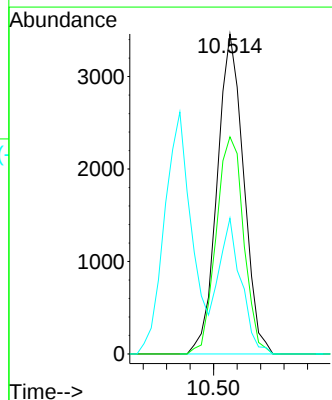
SAM
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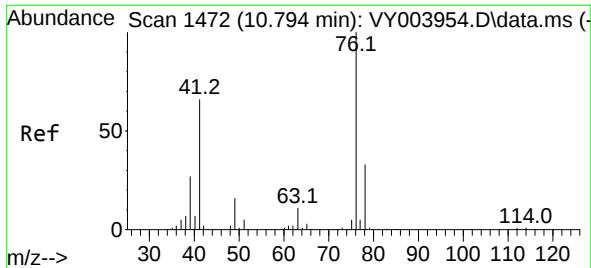


#56
Ethyl methacrylate
Concen: 4.66 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



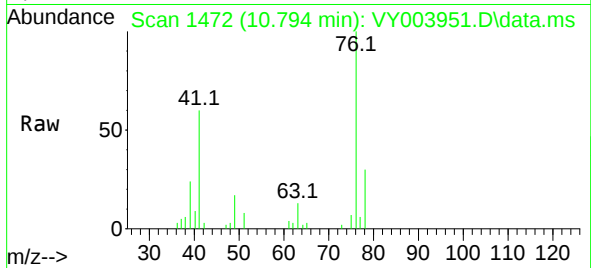
Tgt Ion:	69	Resp:	5411
Ion	Ratio	Lower	Upper
69	100		
41	70.7	59.6	89.4
39	35.9	31.9	47.9



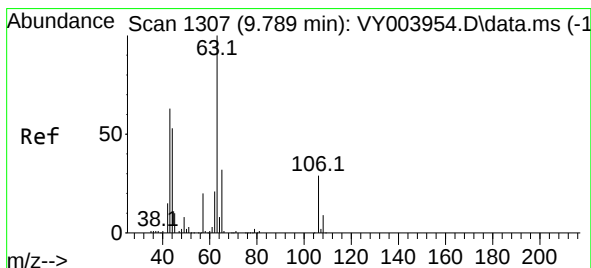
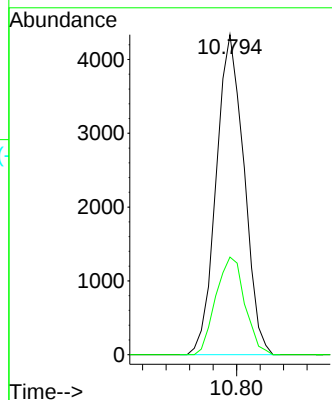
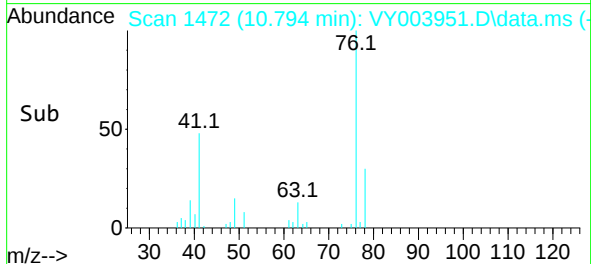


#57
1,3-Dichloropropane
Concen: 4.90 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

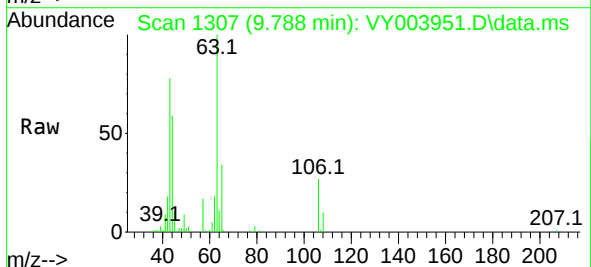
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



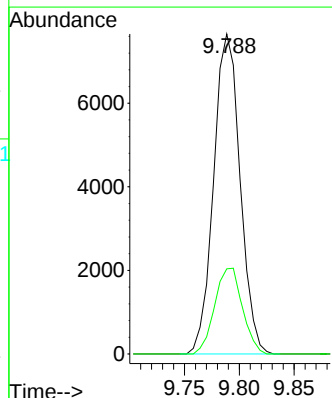
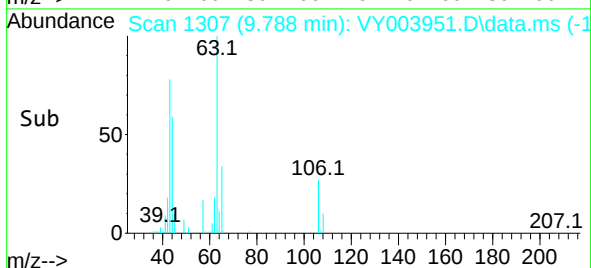
Tgt Ion: 76 Resp: 7130
Ion Ratio Lower Upper
76 100
78 31.7 25.4 38.2

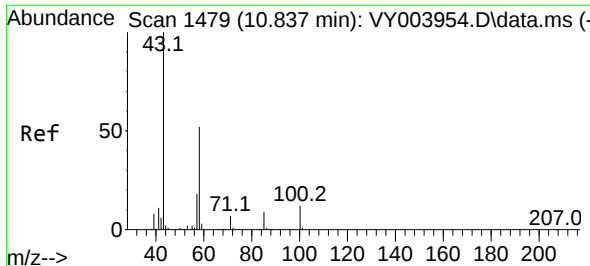


#58
2-Chloroethyl Vinyl ether
Concen: 24.43 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



Tgt Ion: 63 Resp: 12856
Ion Ratio Lower Upper
63 100
106 28.0 21.9 32.9





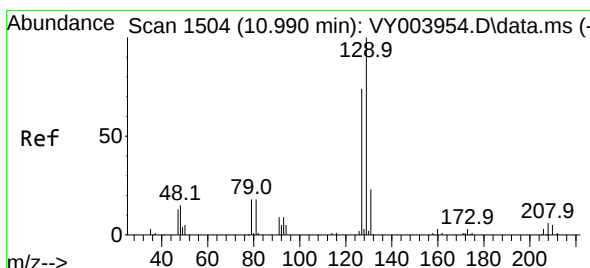
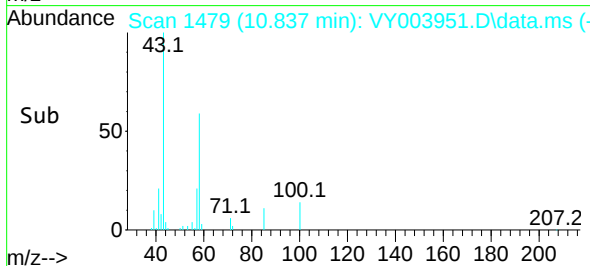
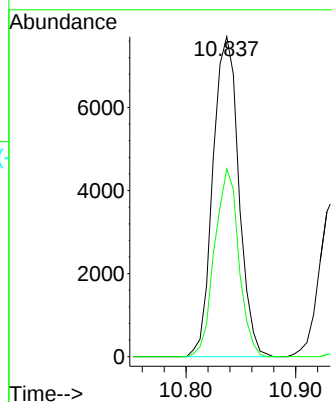
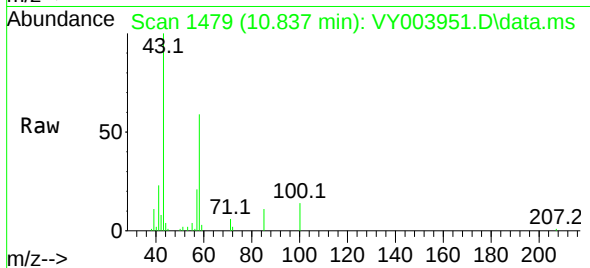
#59
2-Hexanone
Concen: 21.39 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 43 Resp: 12637
Ion Ratio Lower Upper
43 100
58 54.7 24.8 74.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

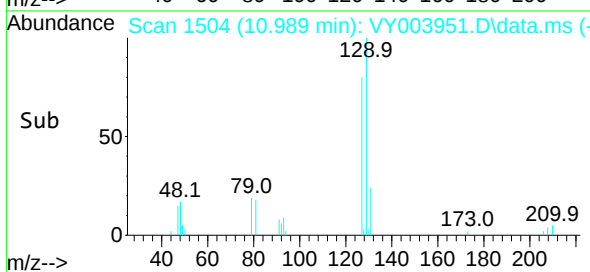
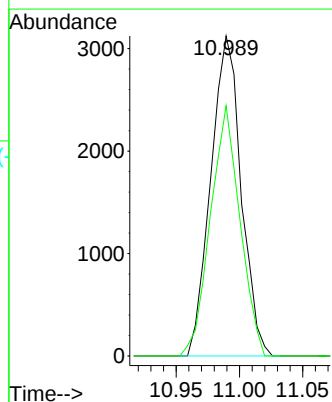
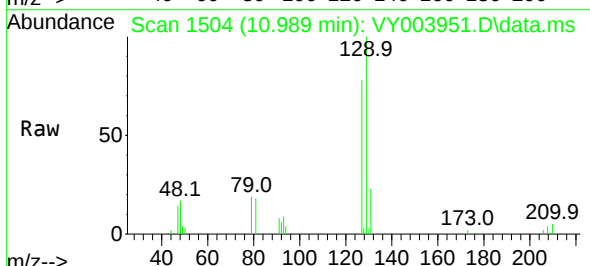
Manual Integrations
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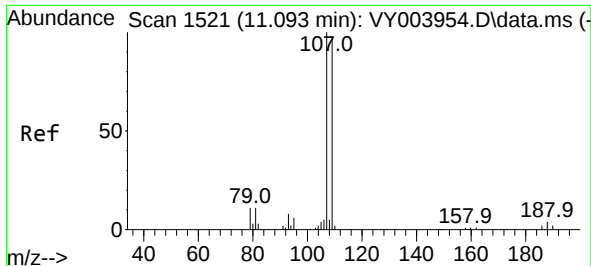
SAM
2/1/2021 3:35:13 PM



#60
Dibromochloromethane
Concen: 4.91 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

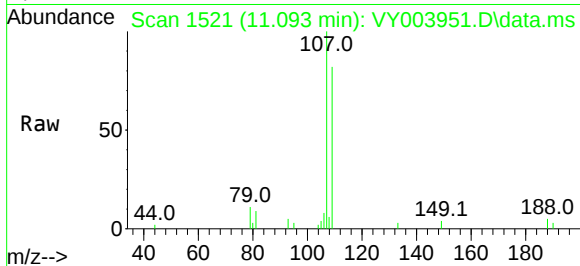
Tgt Ion: 129 Resp: 5206
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 5.06 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

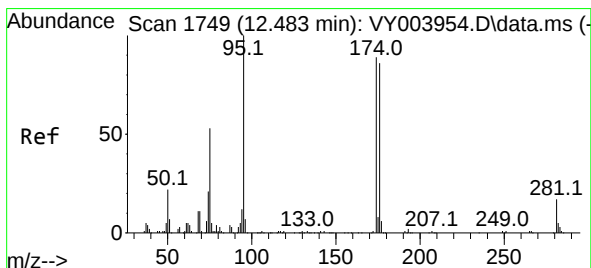
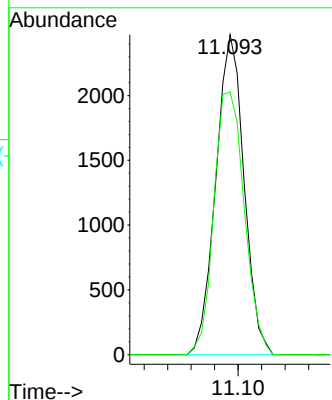
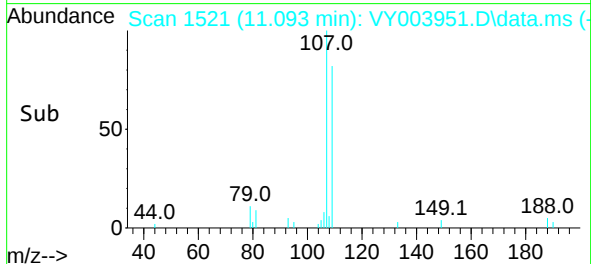
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



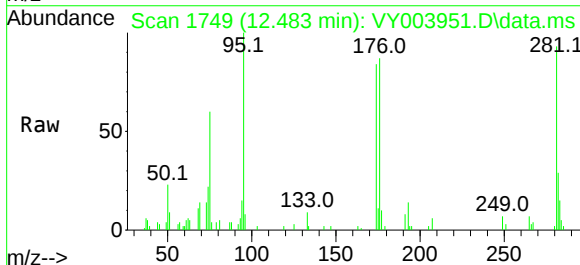
Tgt Ion:107 Resp: 4118
Ion Ratio Lower Upper
107 100
109 88.8 74.0 111.0

Manual Integrations
APPROVED

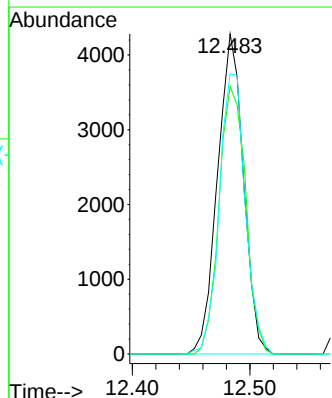
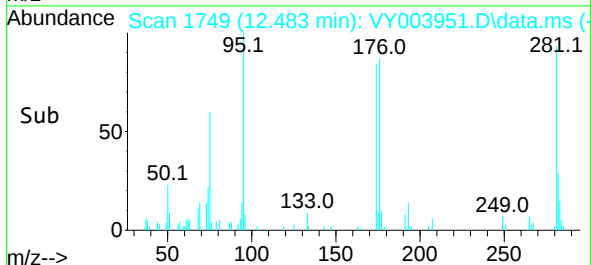
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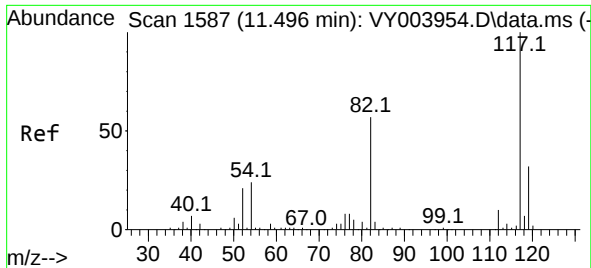


#62
4-Bromofluorobenzene
Concen: 5.29 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



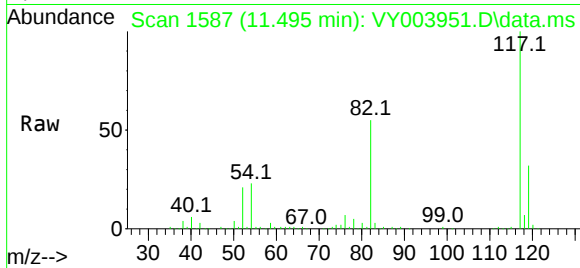
Tgt Ion: 95 Resp: 6565
Ion Ratio Lower Upper
95 100
174 85.8 0.0 184.4
176 87.8 0.0 177.2





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

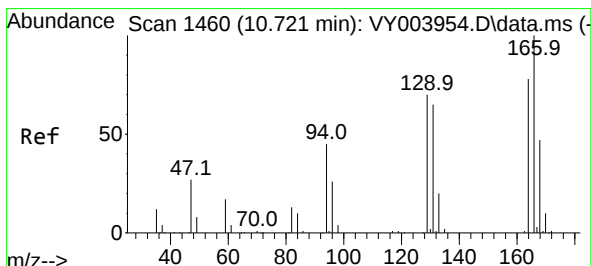
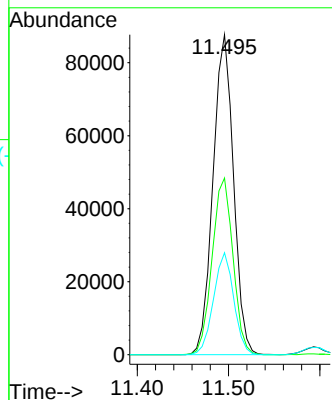
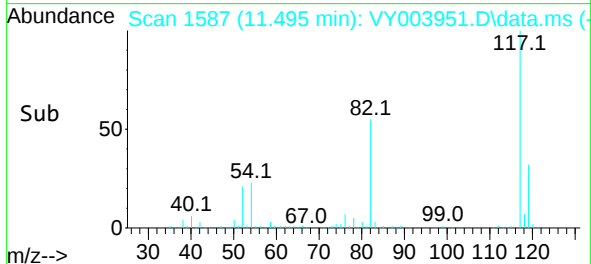
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



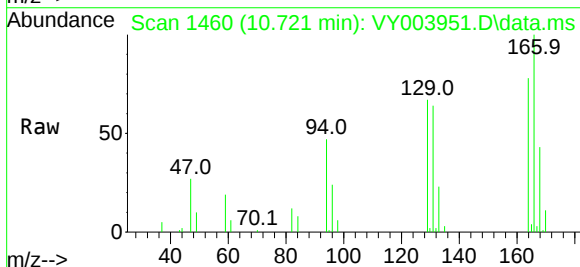
Tgt Ion:117 Resp: 136440
Ion Ratio Lower Upper
117 100
82 55.2 44.3 66.5
119 31.8 25.0 37.6

Manual Integrations
APPROVED

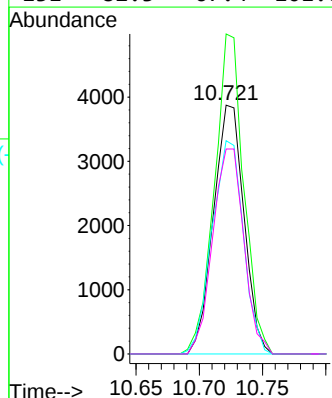
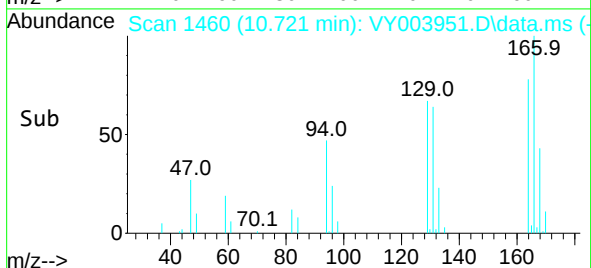
SAM
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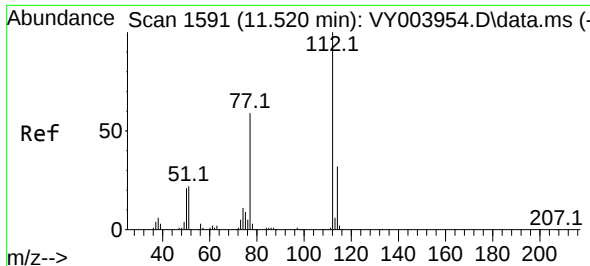


#64
Tetrachloroethene
Concen: 5.29 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



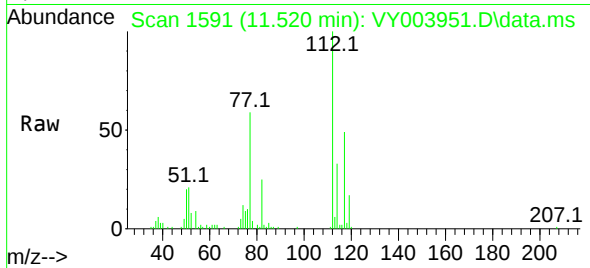
Tgt Ion:164 Resp: 6476
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.4
129 85.7 68.9 103.3
131 82.3 67.4 101.0





#65
Chlorobenzene
Concen: 5.05 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

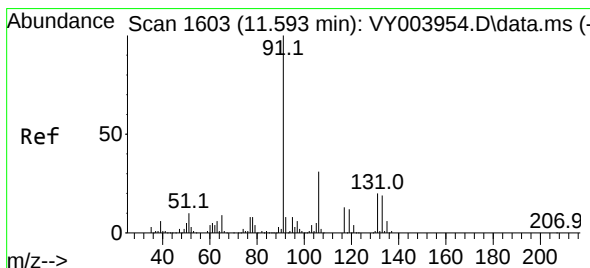
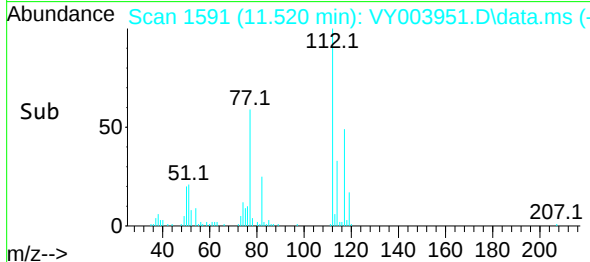
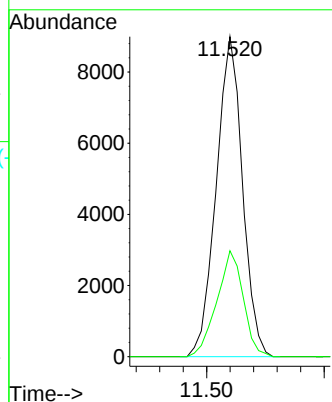
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



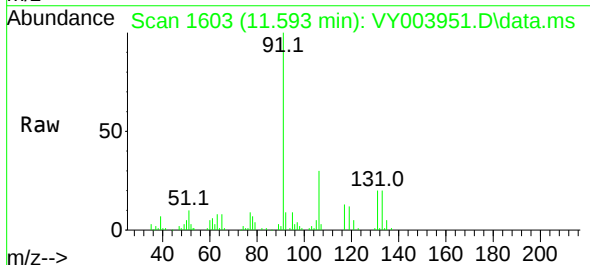
Tgt Ion:112 Resp: 13955
Ion Ratio Lower Upper
112 100
114 33.1 26.1 39.1

Manual Integrations
APPROVED

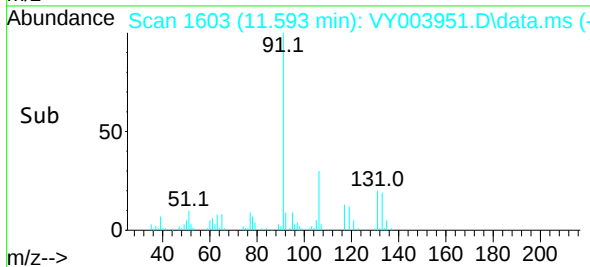
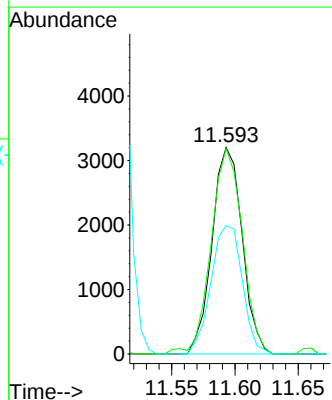
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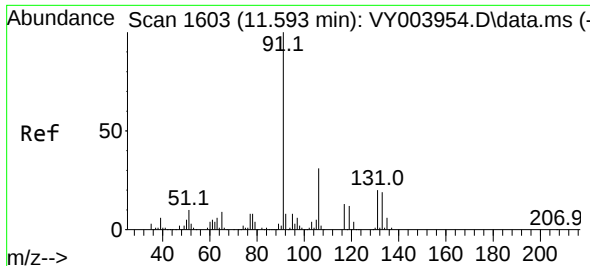


#66
1,1,1,2-Tetrachloroethane
Concen: 4.90 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



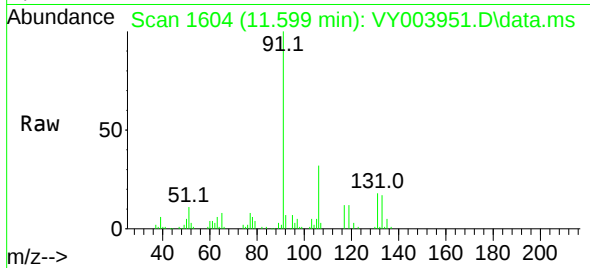
Tgt Ion:131 Resp: 5289
Ion Ratio Lower Upper
131 100
133 103.3 47.4 142.2
119 64.7 31.6 94.7





#67
Ethyl Benzene
Concen: 4.99 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

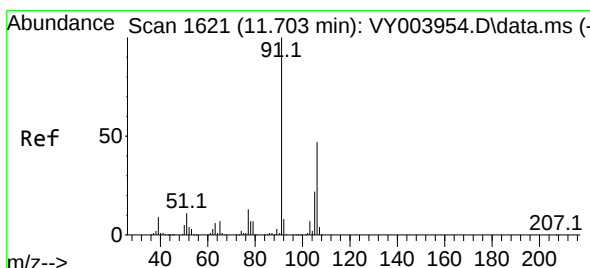
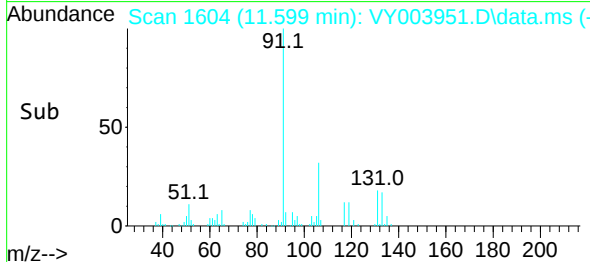
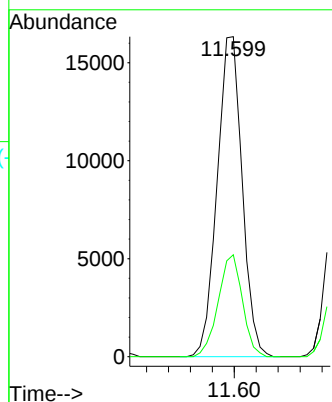
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 25895
Ion Ratio Lower Upper
91 100
106 31.8 23.9 35.9

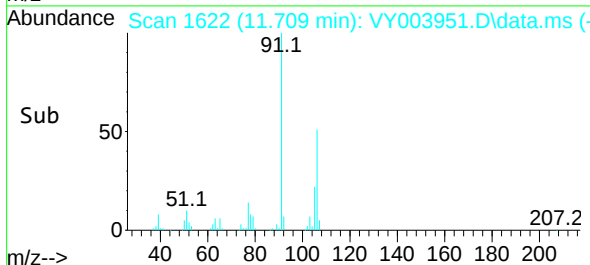
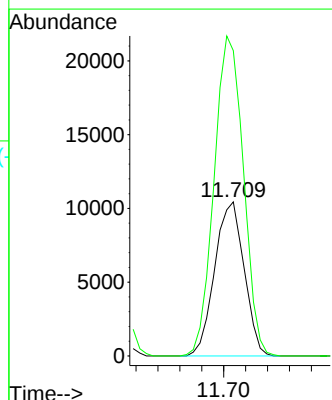
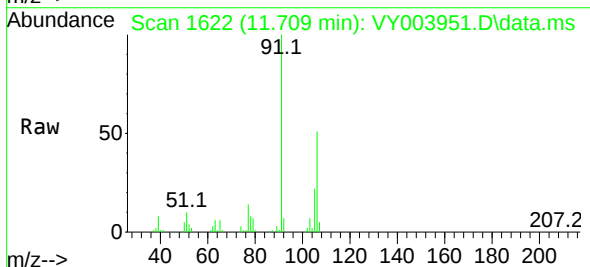
Manual Integrations
APPROVED

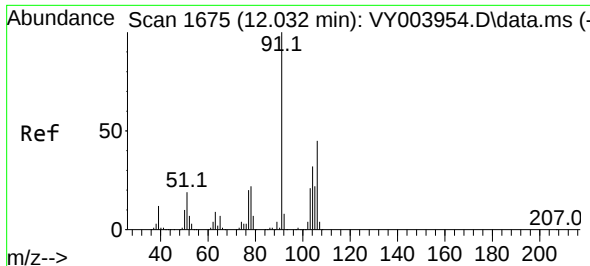
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#68
m/p-Xylenes
Concen: 10.12 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

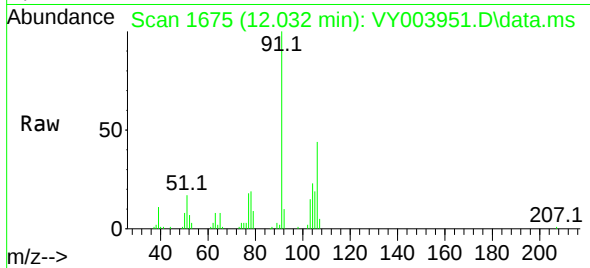
Tgt Ion: 106 Resp: 19452
Ion Ratio Lower Upper
106 100
91 207.1 167.1 250.7





#69
o-Xylene
Concen: 4.94 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

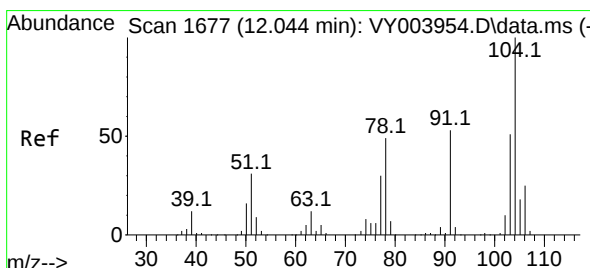
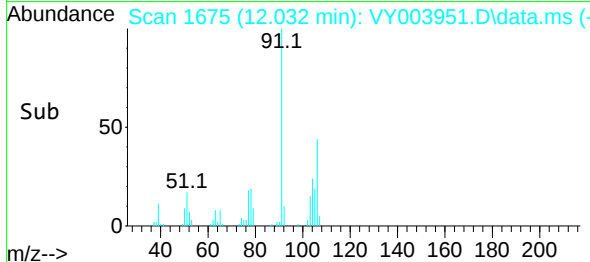
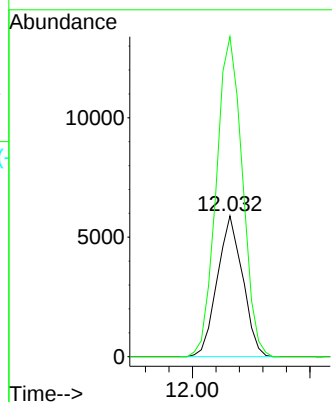
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion:106 Resp: 8834
Ion Ratio Lower Upper
106 100
91 234.2 110.8 332.4

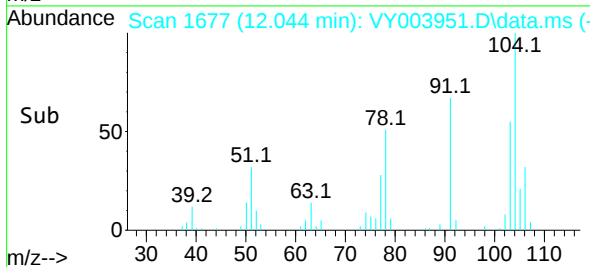
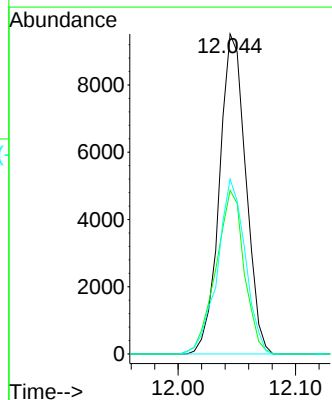
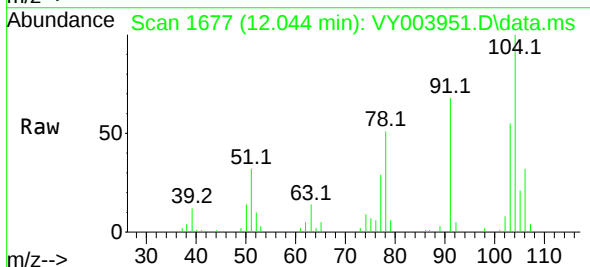
Manual Integrations
APPROVED

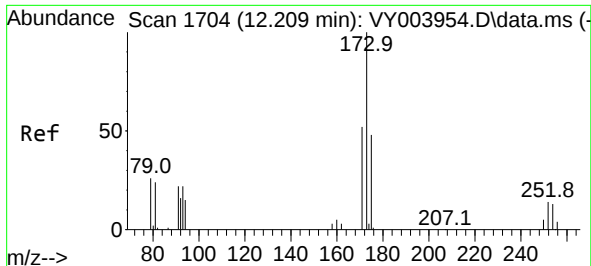
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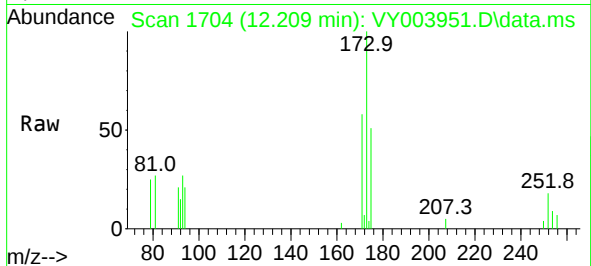
#70
Styrene
Concen: 4.80 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion:104 Resp: 14814
Ion Ratio Lower Upper
104 100
78 55.0 43.0 64.4
103 57.6 45.0 67.4

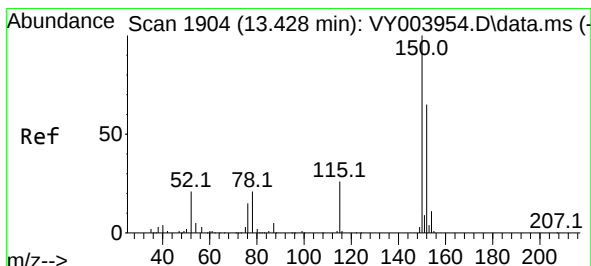
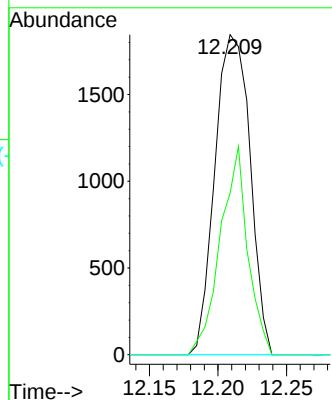
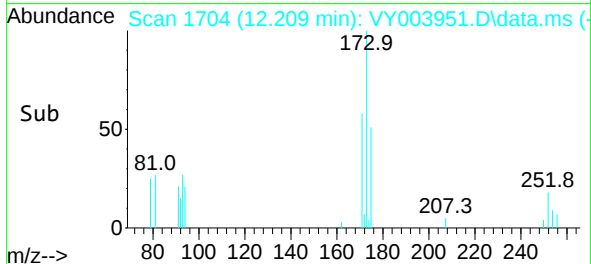




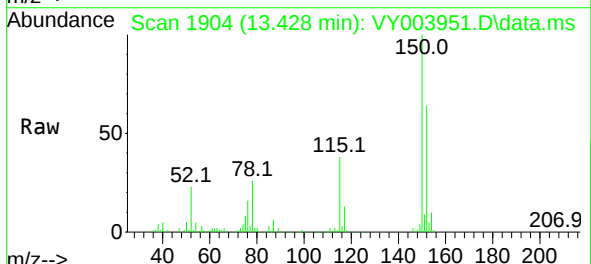
#71
Bromoform
Concen: 4.77 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



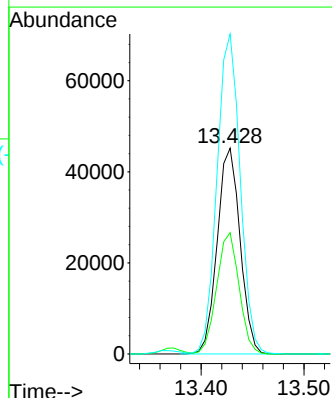
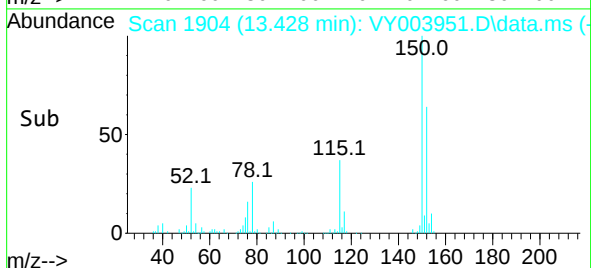
Tgt Ion:173 Resp: 3293
Ion Ratio Lower Upper
173 100
175 50.8 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



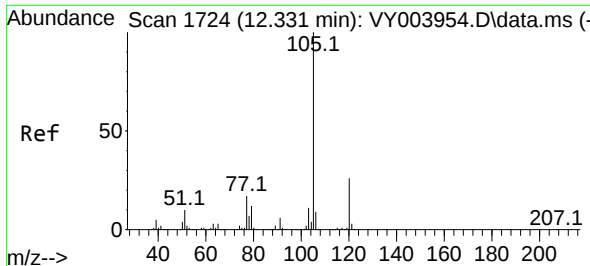
Tgt Ion:152 Resp: 69707
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.6
150 157.5 0.0 356.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

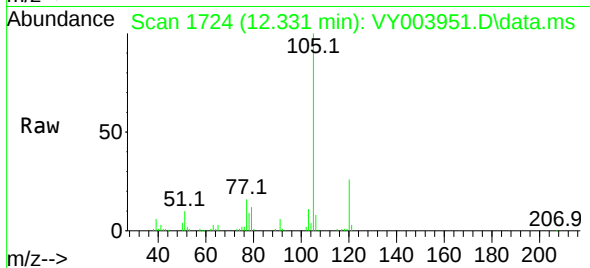
Manual Integrations
APPROVED

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#73
Isopropylbenzene
Concen: 5.06 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

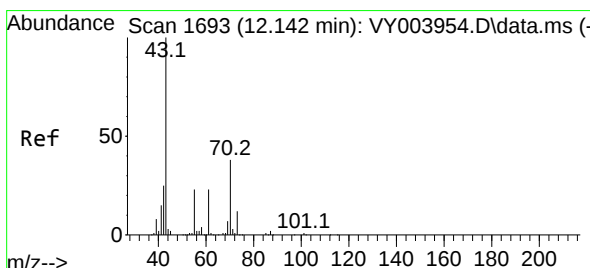
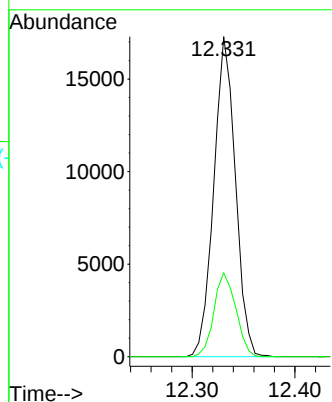
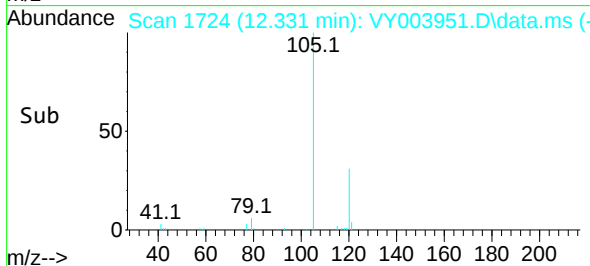
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



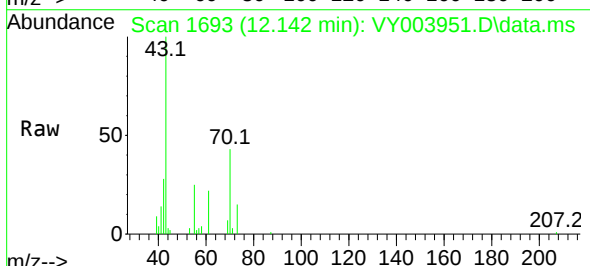
Tgt Ion:105 Resp: 25231
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.8

Manual Integrations
APPROVED

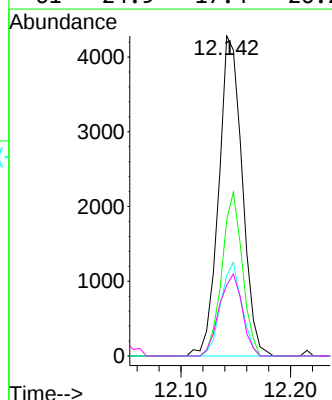
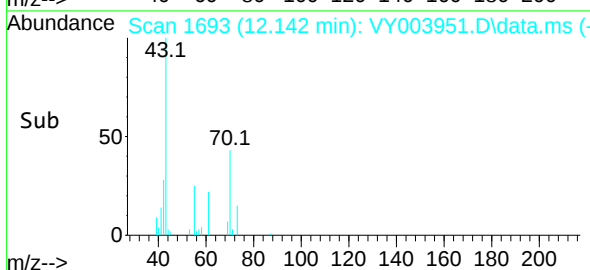
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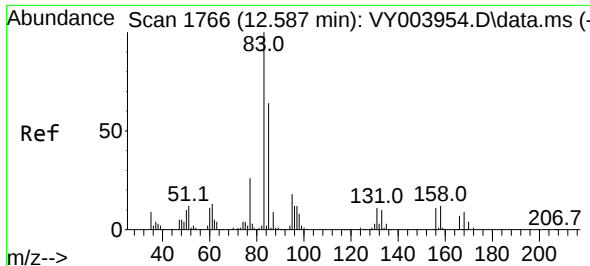


#74
N-ethyl acetate
Concen: 4.35 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



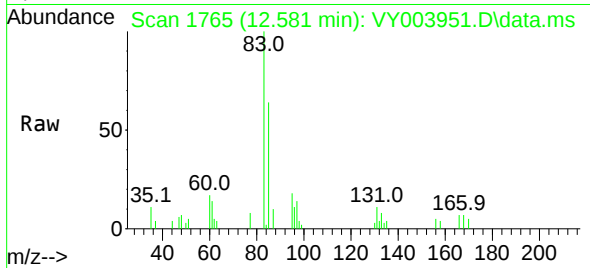
Tgt Ion: 43 Resp: 6375
Ion Ratio Lower Upper
43 100
70 44.4 29.6 44.4
55 26.2 18.4 27.6
61 24.9 17.4 26.2





#75
1,1,2,2-Tetrachloroethane
Concen: 4.65 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

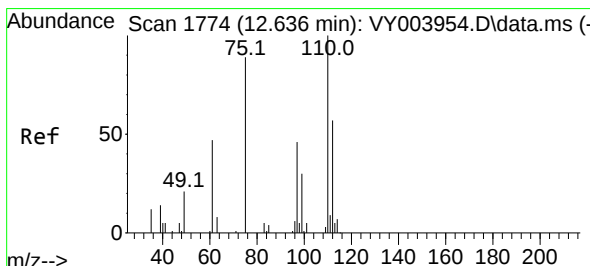
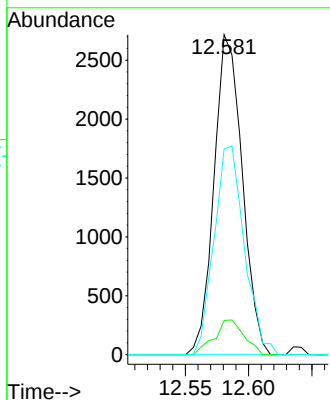
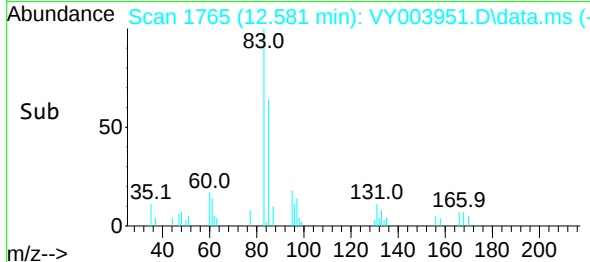
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



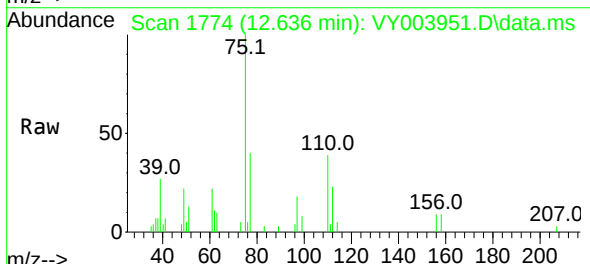
Tgt Ion: 83 Resp: 4208
Ion Ratio Lower Upper
83 100
131 11.4 5.3 16.1
85 70.0 31.6 94.8

Manual Integrations
APPROVED

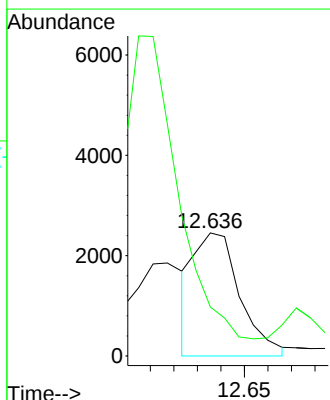
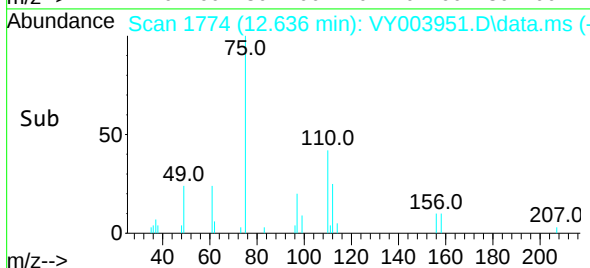
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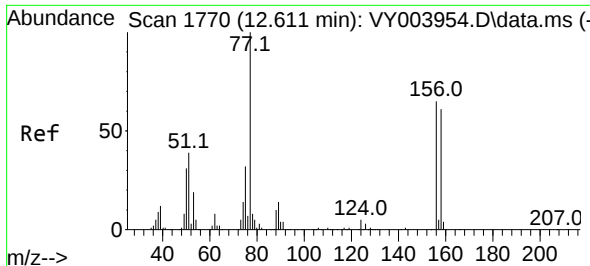


#76
1,2,3-Trichloropropane
Concen: 3.83 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

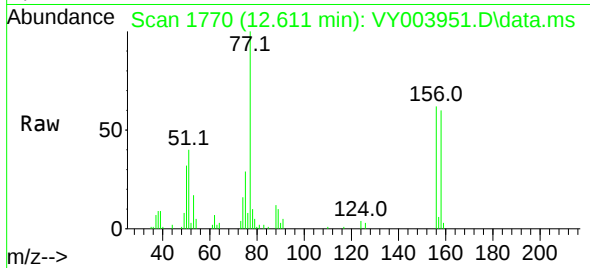


Tgt Ion: 75 Resp: 3367
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

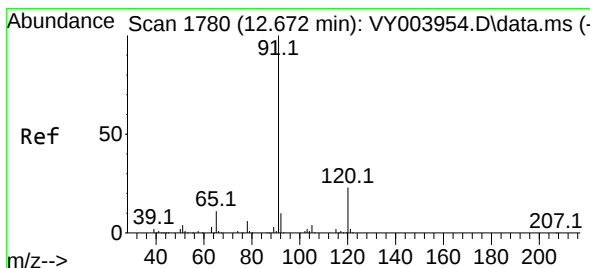
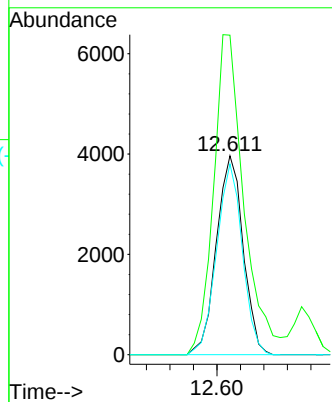
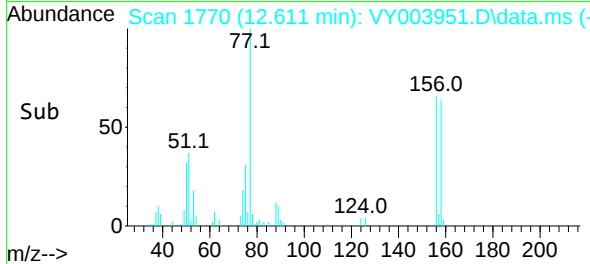




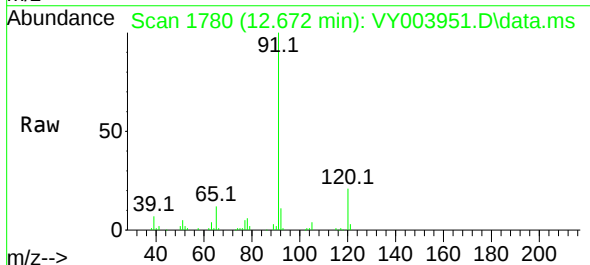
#77
Bromobenzene
Concen: 5.08 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



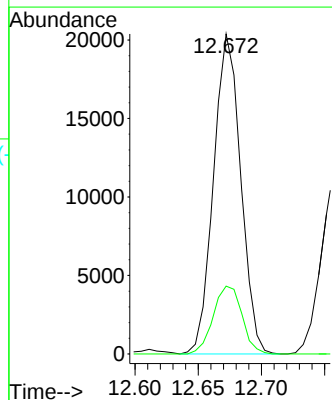
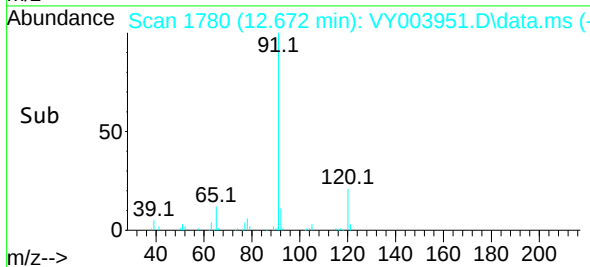
Tgt Ion: 156 Resp: 6281
Ion Ratio Lower Upper
156 100
77 181.2 93.8 281.6
158 92.3 48.8 146.4



#78
n-propylbenzene
Concen: 5.13 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



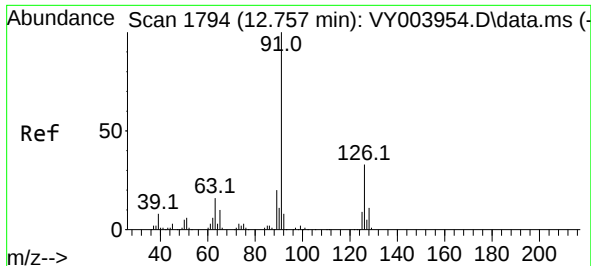
Tgt Ion: 91 Resp: 30432
Ion Ratio Lower Upper
91 100
120 22.4 11.4 34.2



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
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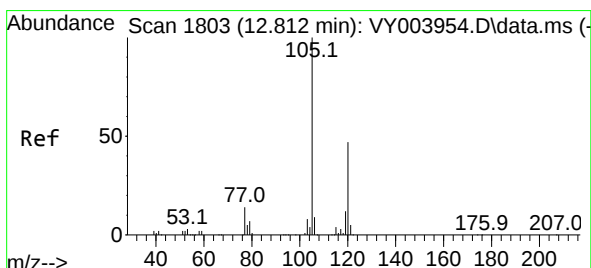
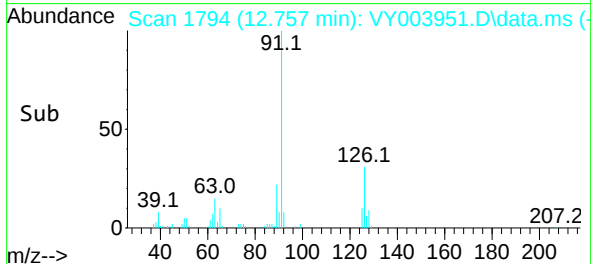
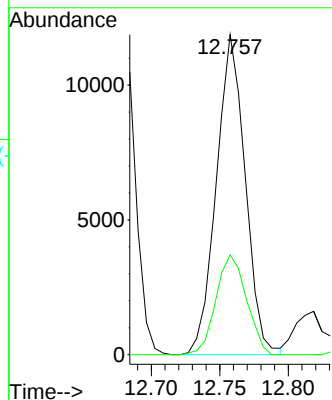
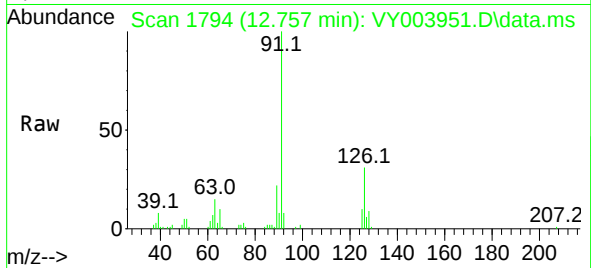
#79
2-Chlorotoluene
Concen: 5.12 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion: 91 Resp: 17390
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

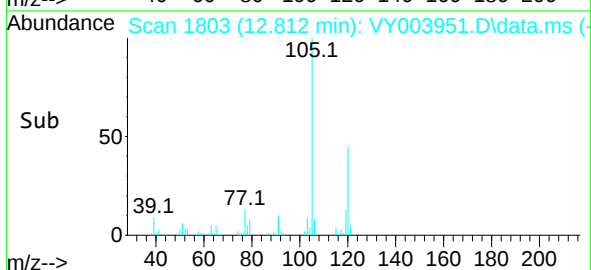
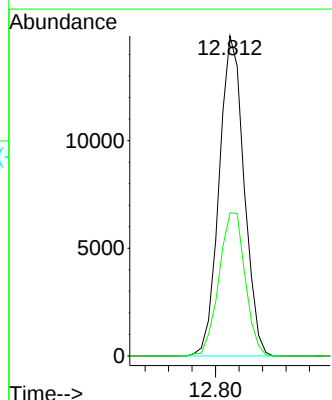
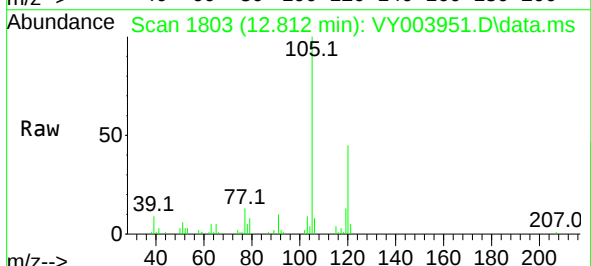
Manual Integrations
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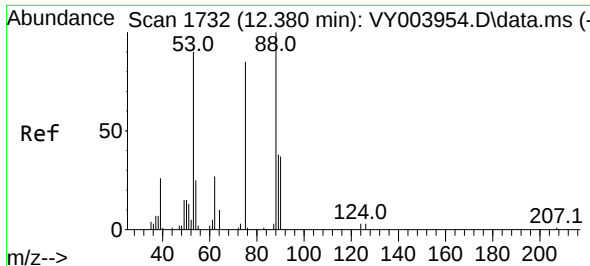
SAM
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#80
1,3,5-Trimethylbenzene
Concen: 5.10 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

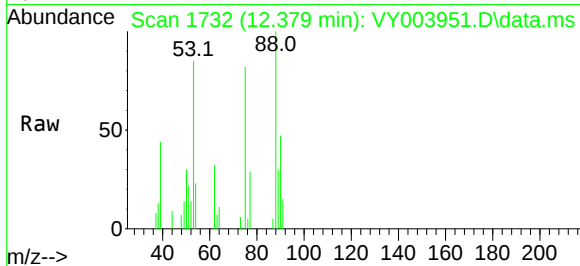
Tgt Ion: 105 Resp: 21831
Ion Ratio Lower Upper
105 100
120 47.0 23.9 71.7





#81
trans-1,4-Dichloro-2-butene
Concen: 4.65 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

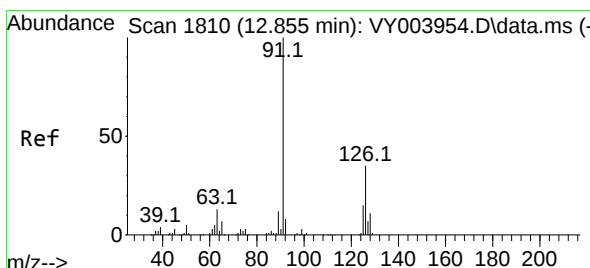
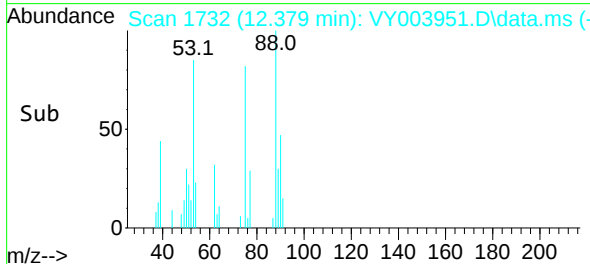
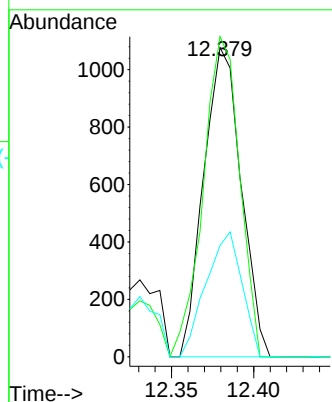
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.1	78.2	117.2
89	38.7	34.8	52.2

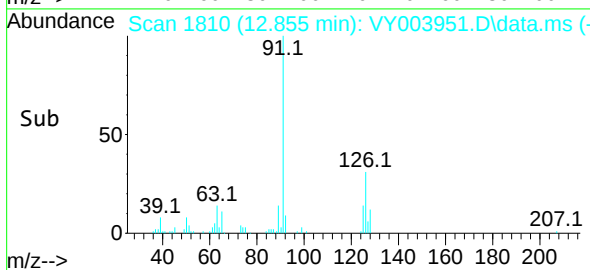
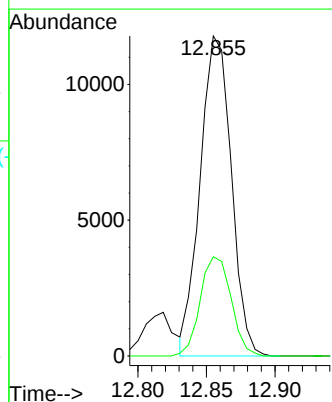
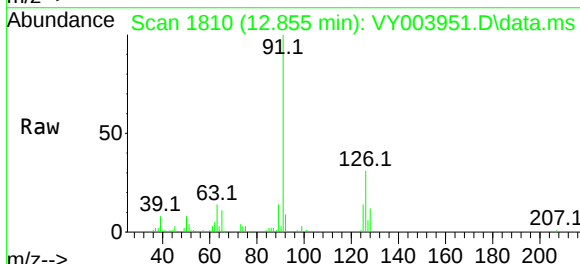
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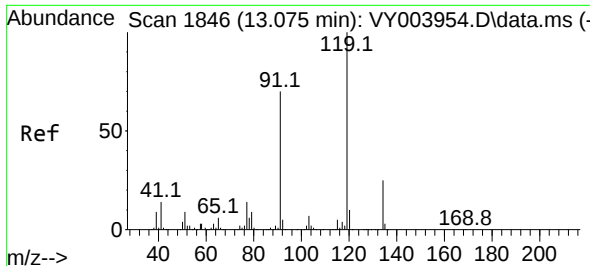
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#82
4-Chlorotoluene
Concen: 5.18 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	16.9	50.6





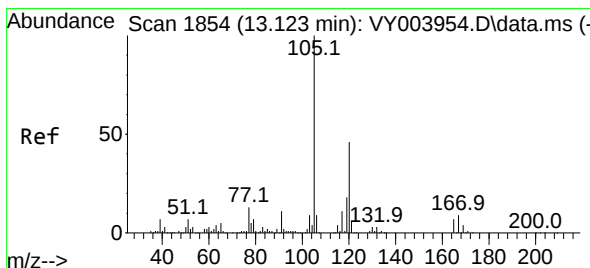
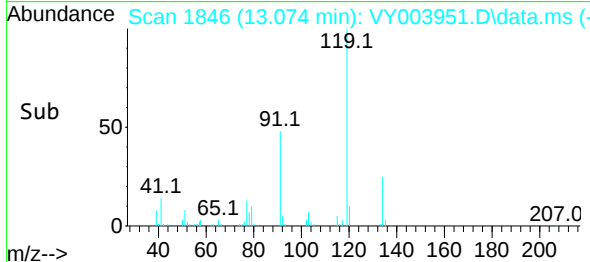
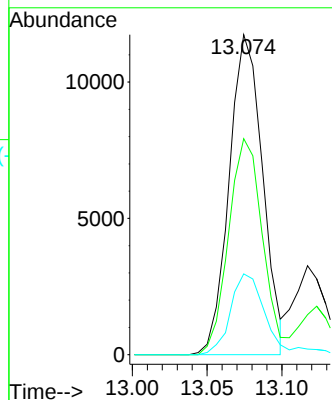
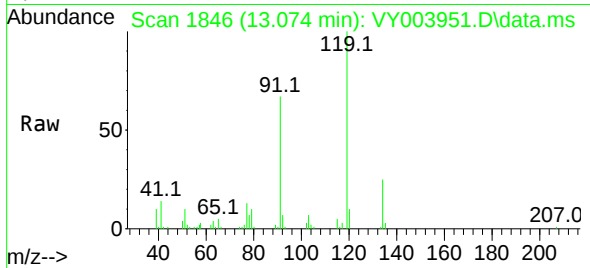
#83
tert-Butylbenzene
Concen: 5.13 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion:119 Resp: 18258
Ion Ratio Lower Upper
119 100
91 69.0 35.1 105.3
134 26.8 13.2 39.5

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

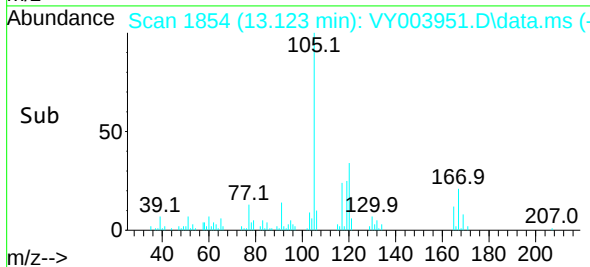
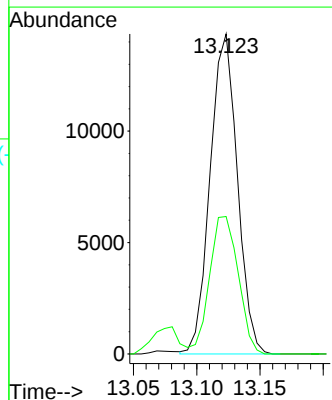
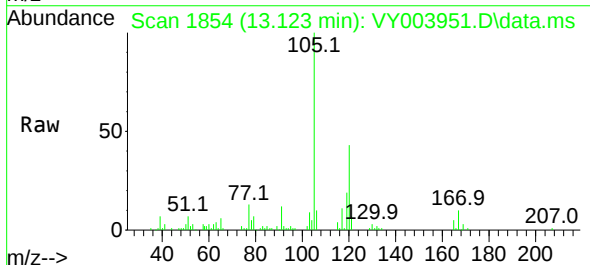
Manual Integrations
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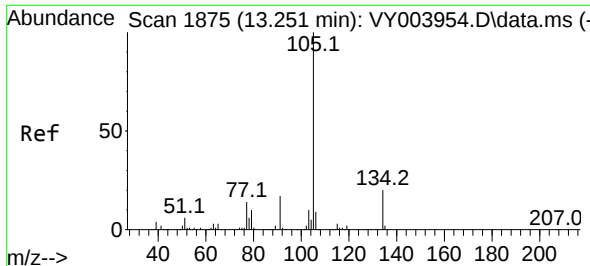
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#84
1,2,4-Trimethylbenzene
Concen: 5.01 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

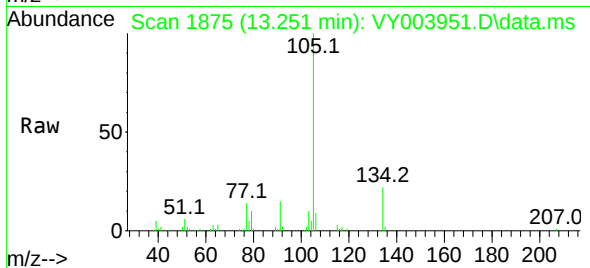
Tgt Ion:105 Resp: 21495
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 5.13 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY003951.D
 Acq: 28 Jan 2021 12:00

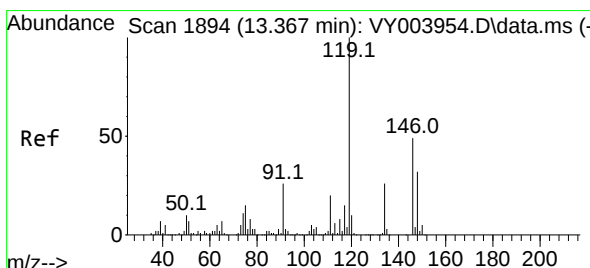
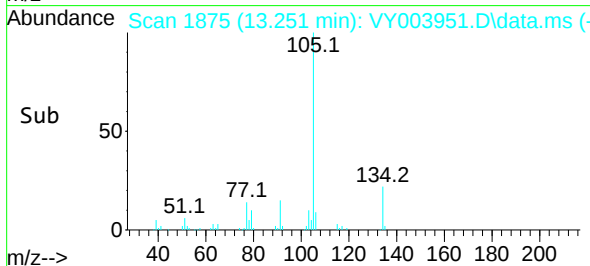
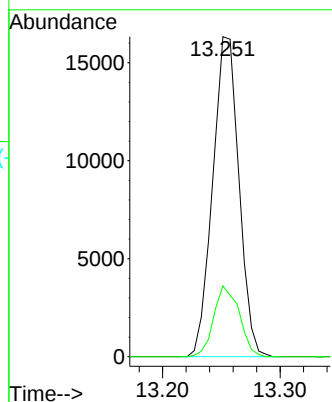
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005



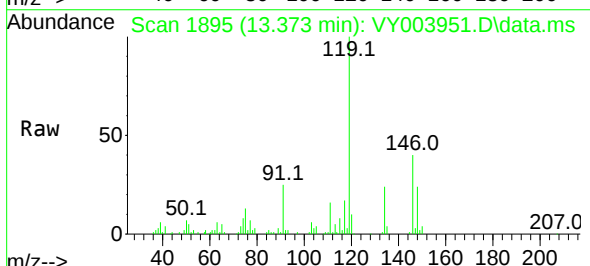
Tgt Ion:105 Resp: 25321
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.2 30.6

Manual Integrations
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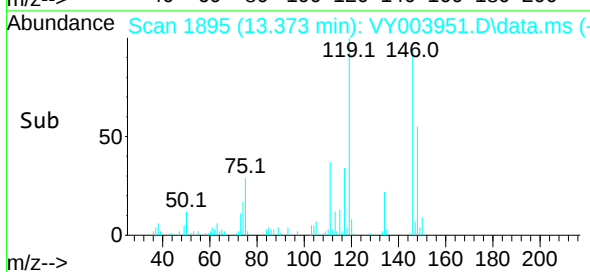
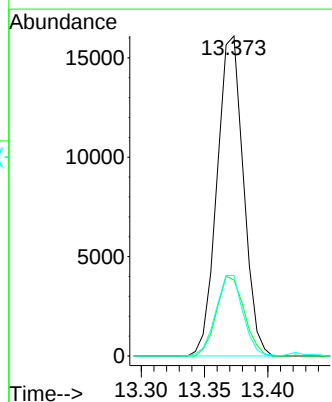
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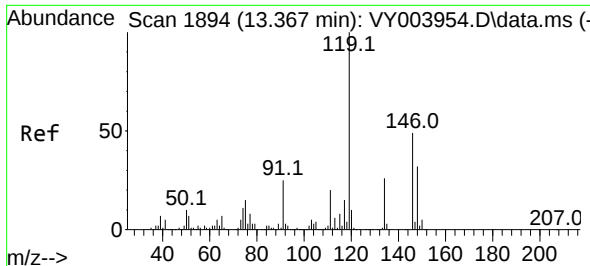


#86
 p-Isopropyltoluene
 Concen: 5.07 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY003951.D
 Acq: 28 Jan 2021 12:00



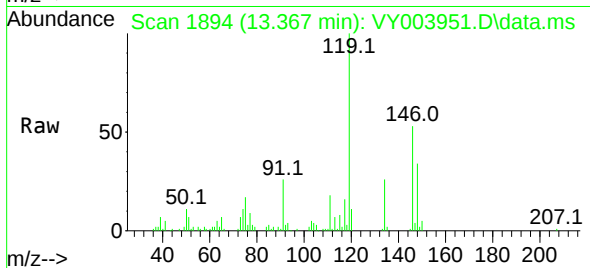
Tgt Ion:119 Resp: 23316
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.5 40.5
 91 26.0 12.8 38.3





#87
1,3-Dichlorobenzene
Concen: 5.11 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

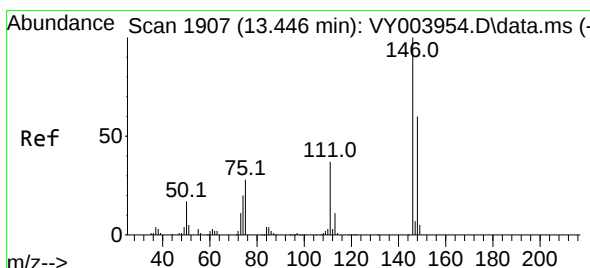
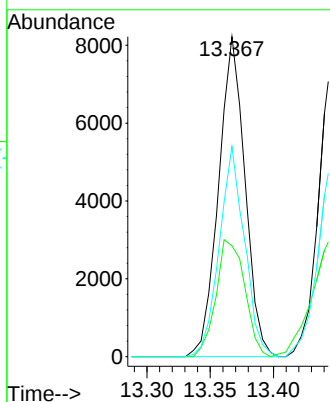
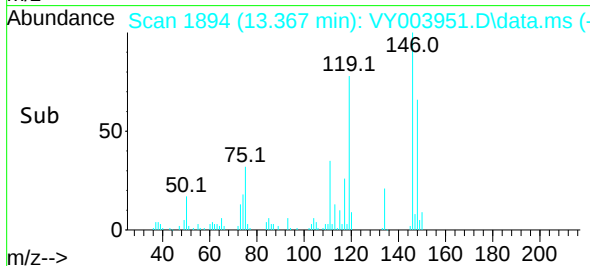
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



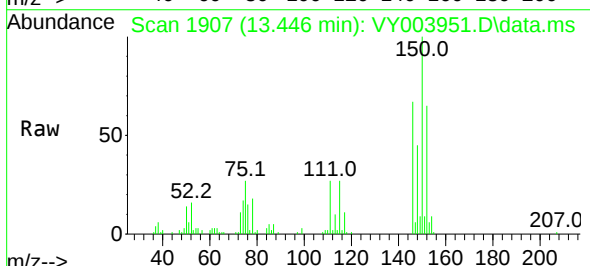
Tgt Ion:146 Resp: 11917
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 63.0 31.7 95.1

Manual Integrations
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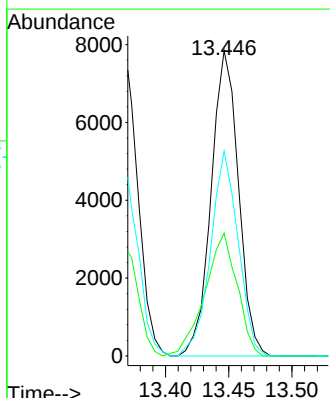
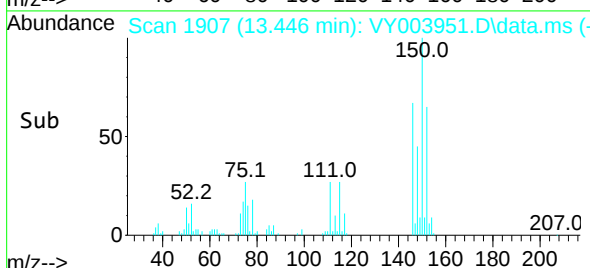
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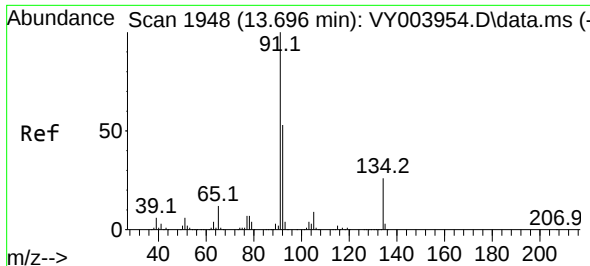


#88
1,4-Dichlorobenzene
Concen: 5.12 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



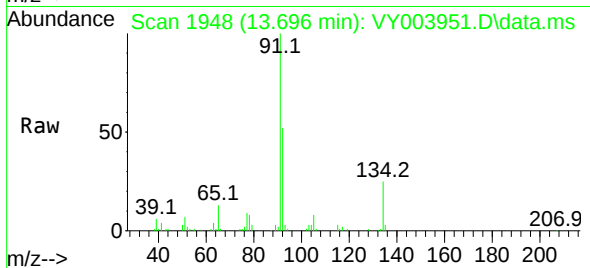
Tgt Ion:146 Resp: 11783
Ion Ratio Lower Upper
146 100
111 47.4 18.9 56.9
148 67.8 32.3 96.8





#89
n-Butylbenzene
Concen: 5.26 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

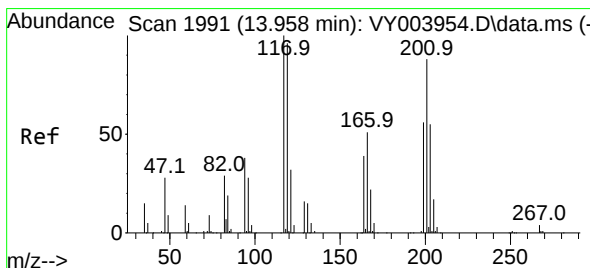
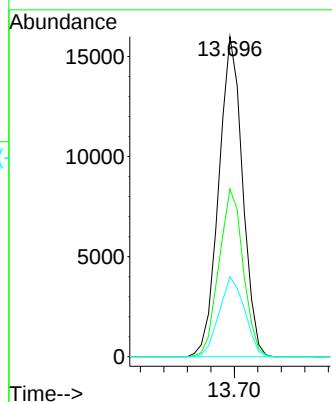
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



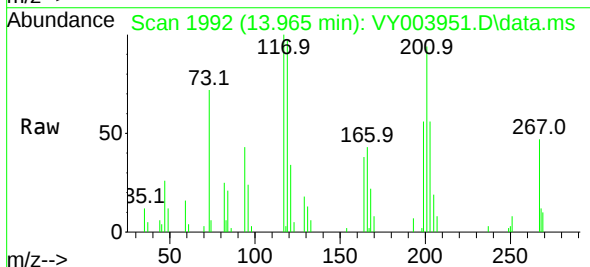
Tgt Ion: 91 Resp: 22487
Ion Ratio Lower Upper
91 100
92 53.2 26.4 79.2
134 26.6 13.2 39.5

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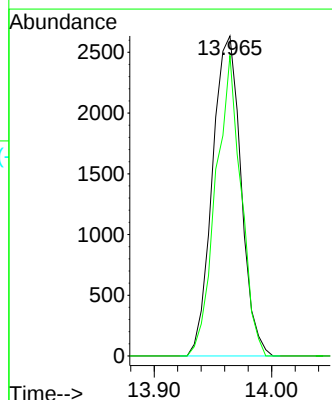
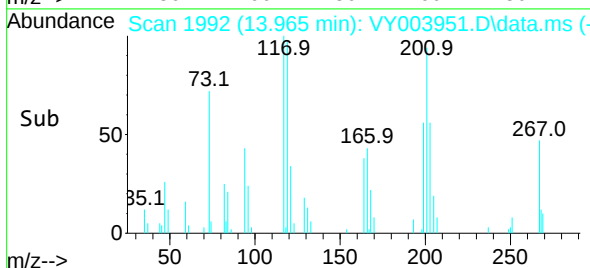
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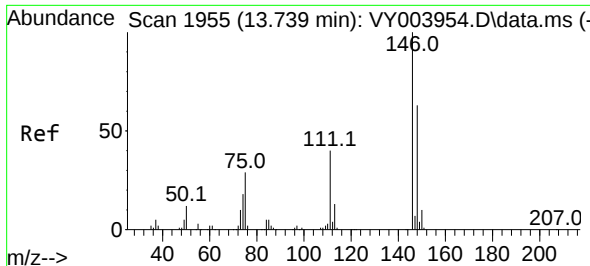


#90
Hexachloroethane
Concen: 5.29 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



Tgt Ion: 117 Resp: 4457
Ion Ratio Lower Upper
117 100
201 83.2 45.5 136.5





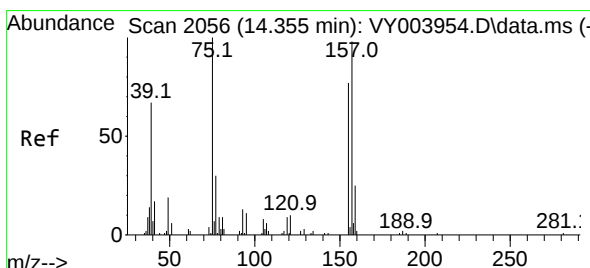
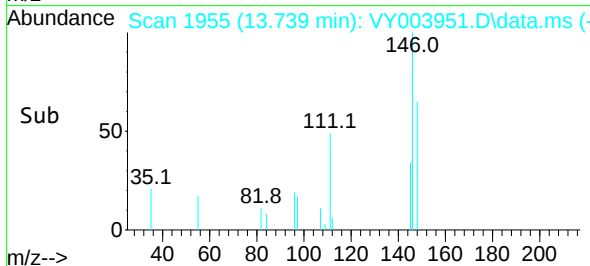
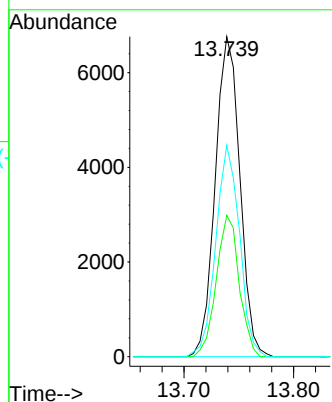
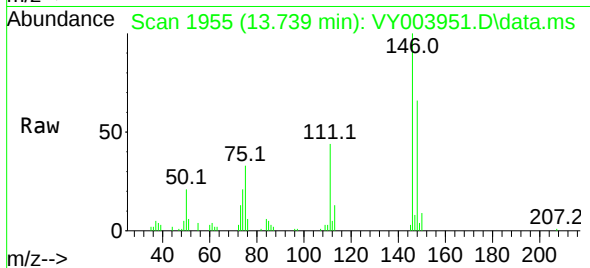
#91
1,2-Dichlorobenzene
Concen: 5.09 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	61.0
148	63.5	32.4	97.0

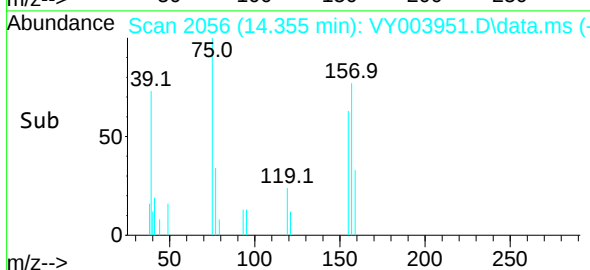
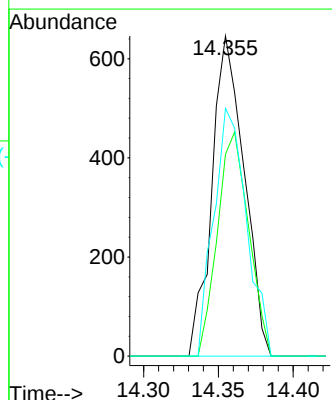
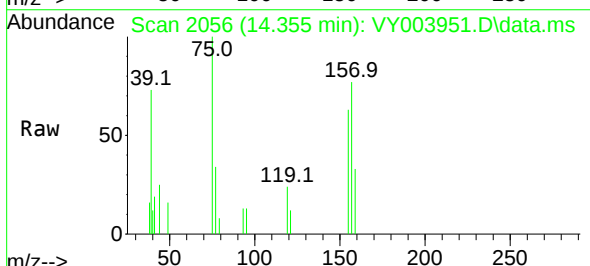
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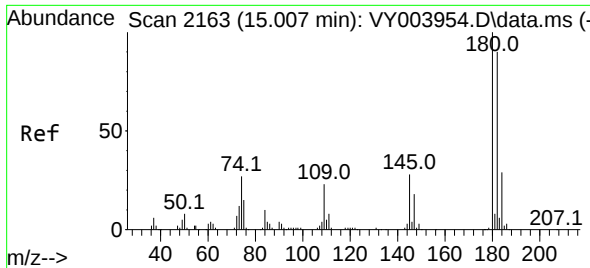
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#92
1,2-Dibromo-3-Chloropropane
Concen: 5.20 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

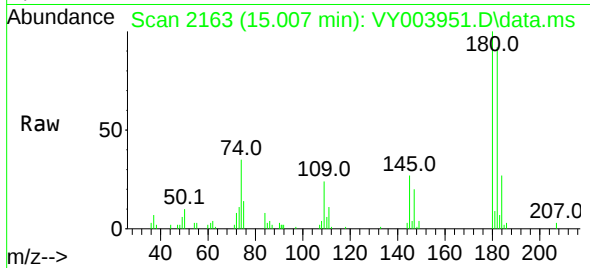
Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.6	37.6	112.9
157	78.6	50.4	151.2





#93
1,2,4-Trichlorobenzene
Concen: 5.26 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

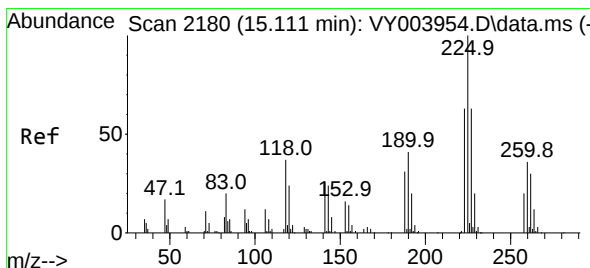
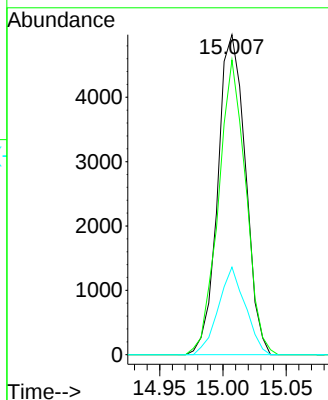
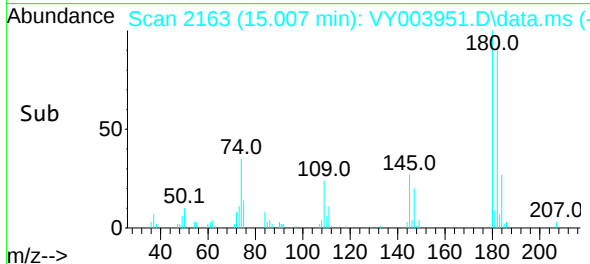
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



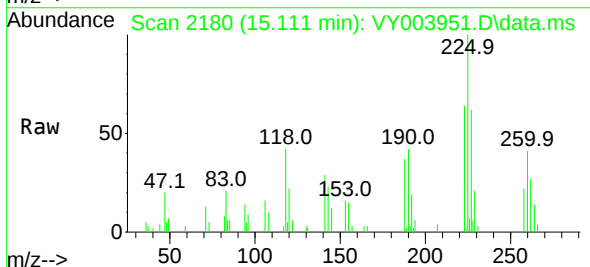
Tgt Ion:180 Resp: 7561
Ion Ratio Lower Upper
180 100
182 91.0 48.1 144.3
145 26.7 14.8 44.3

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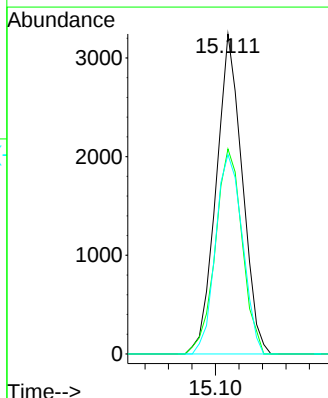
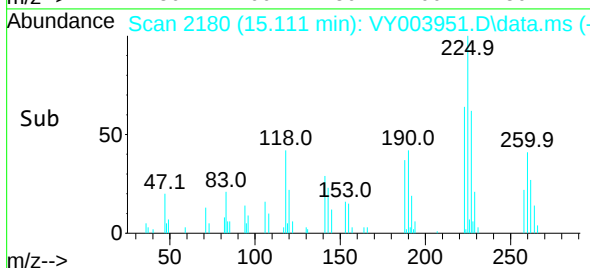
SAM
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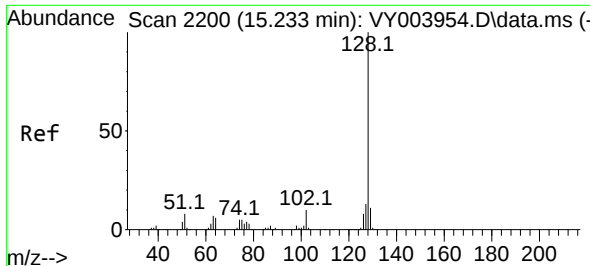


#94
Hexachlorobutadiene
Concen: 5.42 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00



Tgt Ion:225 Resp: 5004
Ion Ratio Lower Upper
225 100
223 65.9 31.2 93.6
227 64.2 32.6 97.7





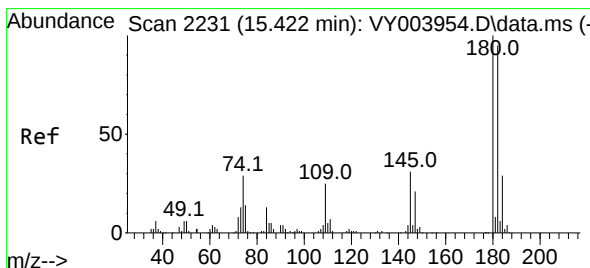
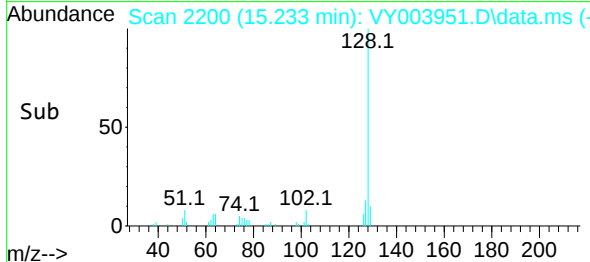
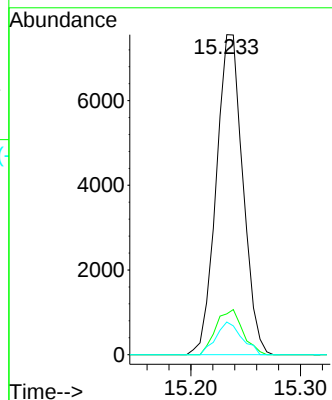
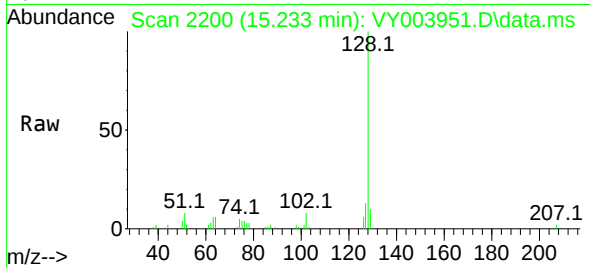
#95
Naphthalene
Concen: 4.73 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion:	128	Resp:	12748
Ion Ratio	Lower	Upper	
128	100		
127	14.2	11.4	17.0
129	9.8	8.6	12.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

SAM
2/1/2021 3:35:13 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.05 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY003951.D
Acq: 28 Jan 2021 12:00

Tgt Ion:	180	Resp:	6255
Ion Ratio	Lower	Upper	
180	100		
182	91.7	47.7	143.1
145	31.0	15.2	45.6

