

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030321\
 Data File : VY004054.D
 Acq On : 03 Mar 2021 12:23
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
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Quant Time: Mar 03 12:58:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 03 12:55:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	236772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	32696	17.46	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	34.92%#		
35) Dibromofluoromethane	7.722	113	32692	21.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	42.12%#		
50) Toluene-d8	10.179	98	142700	22.66	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	45.32%#		
62) 4-Bromofluorobenzene	12.477	95	41829	19.30	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	38.60%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31946	19.90	ug/l	96
3) Chloromethane	2.113	50	33315	14.26	ug/l	97
4) Vinyl Chloride	2.253	62	38825	16.83	ug/l	99
5) Bromomethane	2.643	94	27748	17.76	ug/l	92
6) Chloroethane	2.796	64	25386	18.23	ug/l	100
7) Trichlorofluoromethane	3.125	101	58576	19.66	ug/l	99
8) Diethyl Ether	3.527	74	17926	19.03	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.905	101	32327	20.37	ug/l	98
10) Methyl Iodide	4.094	142	37503	19.01	ug/l	97
11) Tert butyl alcohol	4.966	59	15591	56.35	ug/l	99
12) 1,1-Dichloroethene	3.875	96	31388	19.82	ug/l	93
13) Acrolein	3.735	56	13838	74.90	ug/l	94
14) Allyl chloride	4.484	41	43372	15.00	ug/l #	93
15) Acrylonitrile	5.167	53	43393	88.31	ug/l	98
16) Acetone	3.948	43	35374	75.51	ug/l	91
17) Carbon Disulfide	4.198	76	95322	18.63	ug/l	98
18) Methyl Acetate	4.478	43	18342	16.52	ug/l	91
19) Methyl tert-butyl Ether	5.228	73	85293	18.42	ug/l	94
20) Methylene Chloride	4.722	84	39077	19.82	ug/l	87
21) trans-1,2-Dichloroethene	5.228	96	36433	20.33	ug/l	89
22) Diisopropyl ether	6.124	45	108827	18.81	ug/l #	96
23) Vinyl Acetate	6.063	43	349661	89.65	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	64383	20.58	ug/l	97
25) 2-Butanone	6.990	43	54578	79.75	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	52066	17.63	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	40061	19.76	ug/l	87
28) Bromochloromethane	7.338	49	25931	18.66	ug/l #	77
29) Tetrahydrofuran	7.356	42	35869	82.40	ug/l	89
30) Chloroform	7.508	83	61376	19.15	ug/l	99
31) Cyclohexane	7.789	56	54178	17.15	ug/l #	82
32) 1,1,1-Trichloroethane	7.703	97	56222	19.07	ug/l	97
36) 1,1-Dichloropropene	7.917	75	46818	18.44	ug/l	96
37) Ethyl Acetate	7.082	43	25011	16.75	ug/l	97
38) Carbon Tetrachloride	7.899	117	52538	19.86	ug/l	96
39) Methylcyclohexane	9.185	83	68874	22.29	ug/l #	86
40) Benzene	8.161	78	137684	19.38	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	15193m	19.71	ug/l	
42) 1,2-Dichloroethane	8.240	62	39481	17.23	ug/l	95
43) Isopropyl Acetate	8.270	43	46108	16.66	ug/l #	94
44) Trichloroethene	8.941	130	42717	21.45	ug/l	88
45) 1,2-Dichloropropane	9.215	63	37366	21.55	ug/l	98
46) Dibromomethane	9.307	93	21578	22.01	ug/l	95
47) Bromodichloromethane	9.496	83	52363	21.05	ug/l	99
48) Methyl methacrylate	9.289	41	22609	16.67	ug/l #	85
49) 1,4-Dioxane	9.301	88	5994	504.46	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	133717	93.11	ug/l	91
52) Toluene	10.240	92	101148	22.17	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	49362	18.19	ug/l	94
54) cis-1,3-Dichloropropene	9.929	75	64380	21.56	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	28728	20.15	ug/l	97
56) Ethyl methacrylate	10.508	69	36779	18.49	ug/l	90
57) 1,3-Dichloropropane	10.788	76	48196	19.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	102077	114.21	ug/l	92
59) 2-Hexanone	10.831	43	84658	82.88	ug/l	93
60) Dibromochloromethane	10.983	129	36664	20.36	ug/l	100
61) 1,2-Dibromoethane	11.087	107	28244	20.30	ug/l	98
64) Tetrachloroethene	10.715	164	46808	21.23	ug/l	99
65) Chlorobenzene	11.514	112	100368	21.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	37362	20.70	ug/l	98
67) Ethyl Benzene	11.593	91	173272	19.71	ug/l	95
68) m/p-Xylenes	11.703	106	134685	41.16	ug/l	92
69) o-Xylene	12.026	106	61263	19.95	ug/l	95
70) Styrene	12.044	104	107385	20.39	ug/l	94
71) Bromoform	12.209	173	23840	20.65	ug/l #	97
73) Isopropylbenzene	12.325	105	169379	19.14	ug/l	97
74) N-amyl acetate	12.142	43	43368	16.77	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	30926	19.26	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	24285m	19.54	ug/l	
77) Bromobenzene	12.605	156	43822	20.08	ug/l	93
78) n-propylbenzene	12.666	91	196693	18.66	ug/l	97
79) 2-Chlorotoluene	12.751	91	109992	18.47	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	140363	18.70	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.373	75	12010	18.15	ug/l #	76
82) 4-Chlorotoluene	12.855	91	115497	18.46	ug/l	93
83) tert-Butylbenzene	13.074	119	125134	19.36	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	144995	19.25	ug/l	95
85) sec-Butylbenzene	13.251	105	171768	19.41	ug/l	98
86) p-Isopropyltoluene	13.367	119	162503	19.68	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	83406	20.03	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	83153	20.15	ug/l	99
89) n-Butylbenzene	13.696	91	148164	19.44	ug/l	98
90) Hexachloroethane	13.958	117	28937	19.53	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	74769	20.27	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5901	19.65	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	58745	22.33	ug/l	100
94) Hexachlorobutadiene	15.111	225	35212	21.34	ug/l	99
95) Naphthalene	15.233	128	112468	23.35	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50505	22.50	ug/l	99

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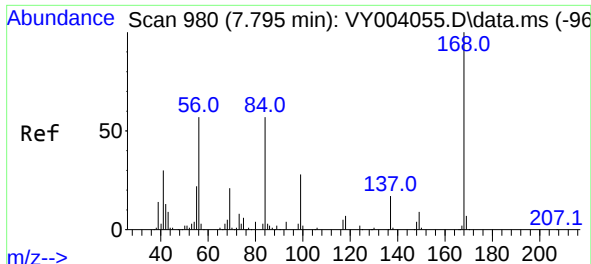
Manual Integrations
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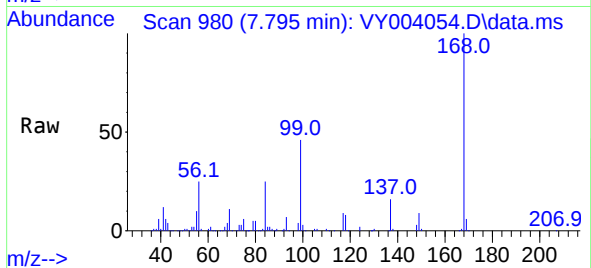
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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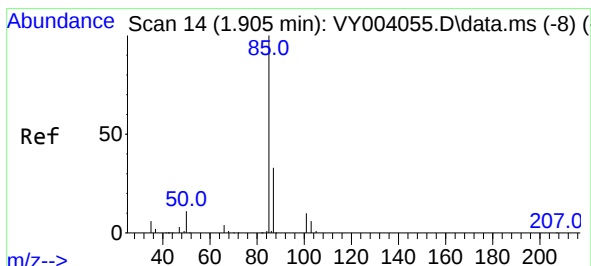
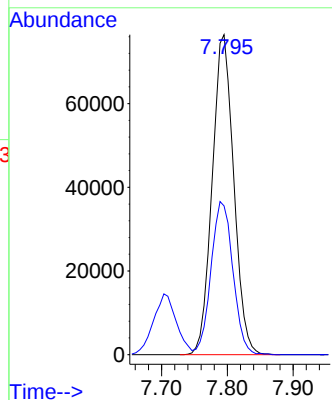
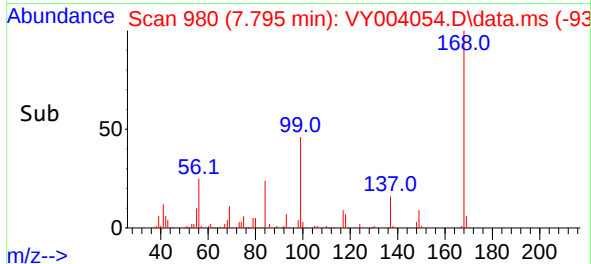
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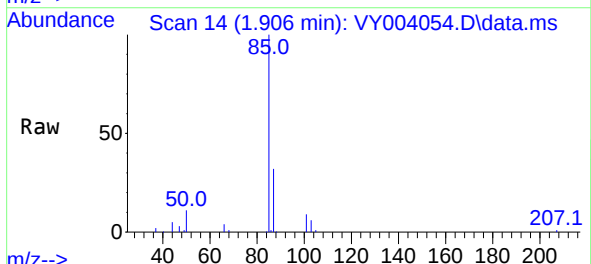
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004054.D
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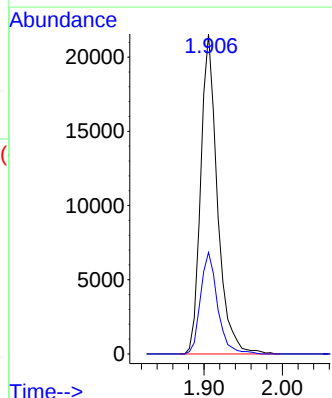
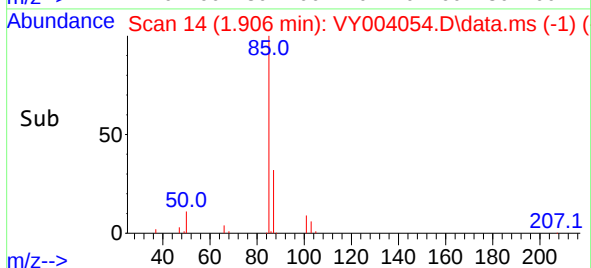
Tgt Ion: 168 Resp: 174200
Ion Ratio Lower Upper
168 100
99 46.5 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 19.90 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



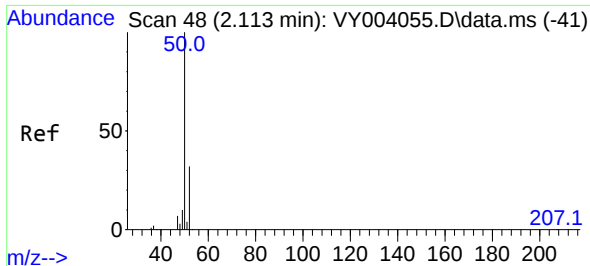
Tgt Ion: 85 Resp: 31946
Ion Ratio Lower Upper
85 100
87 31.7 17.0 51.0



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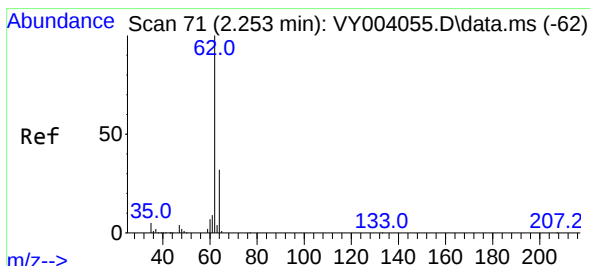
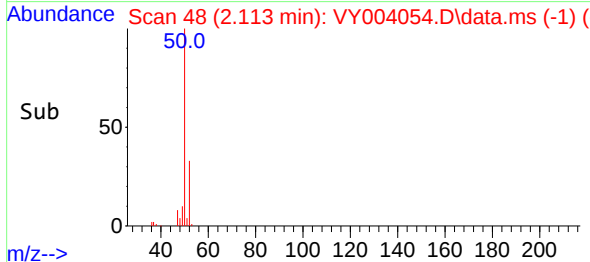
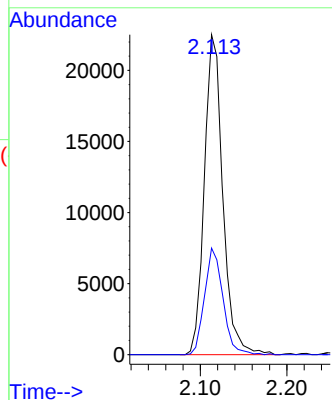
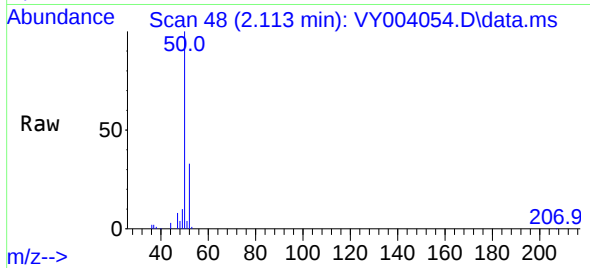
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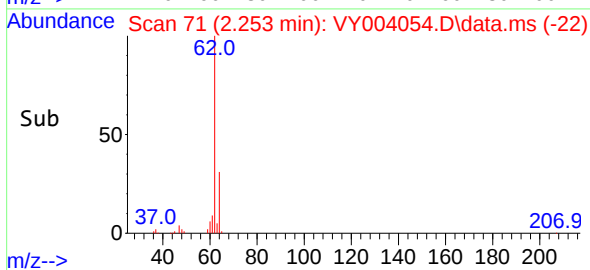
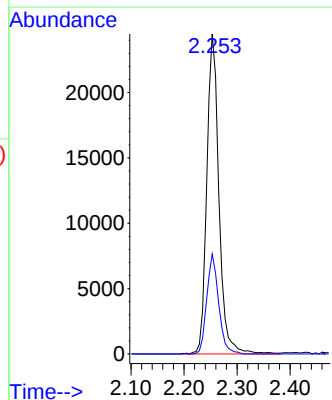
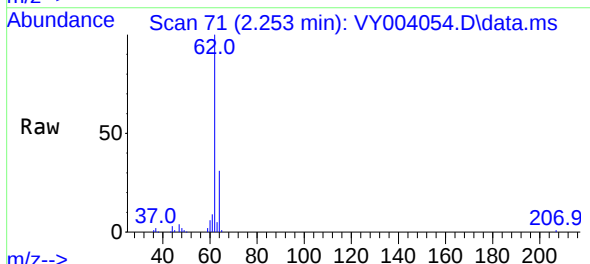
#3
Chloromethane
Concen: 14.26 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 50 Resp: 33315
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 16.83 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

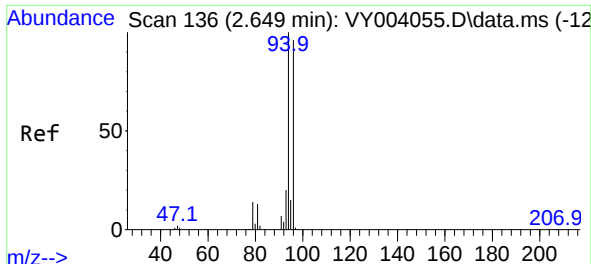
Tgt Ion: 62 Resp: 38825
Ion Ratio Lower Upper
62 100
64 31.3 25.3 37.9



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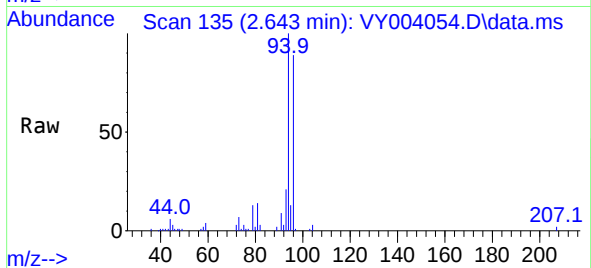
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#5
Bromomethane
Concen: 17.76 ug/l
RT: 2.643 min Scan# 135
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

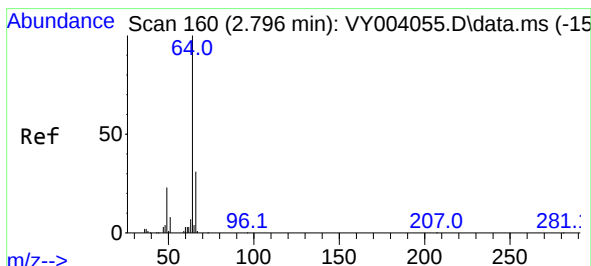
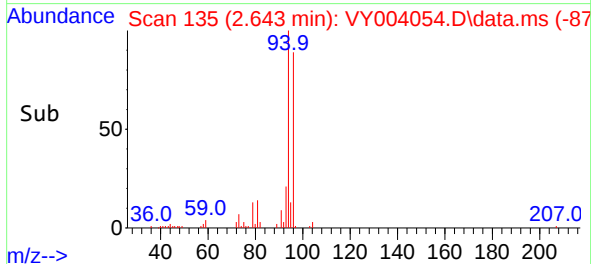
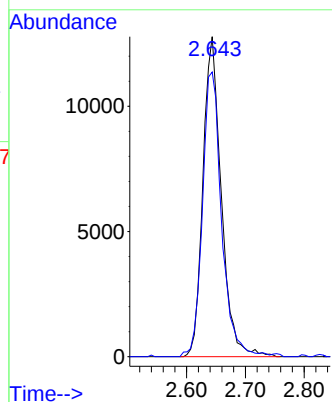
Instrument :
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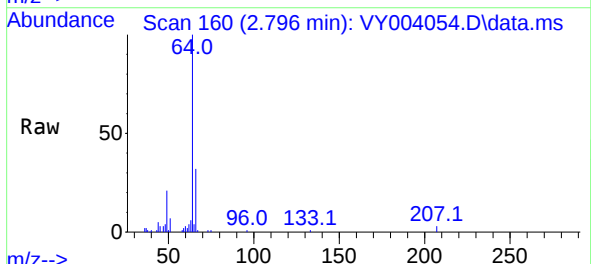
Tgt Ion: 94 Resp: 27748
Ion Ratio Lower Upper
94 100
96 89.0 77.4 116.2

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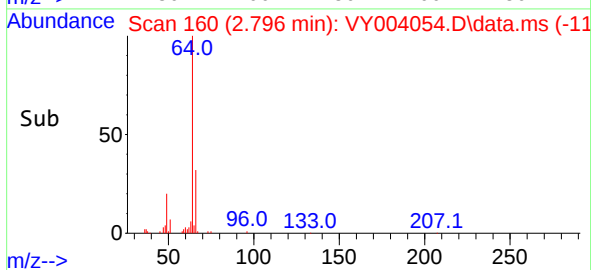
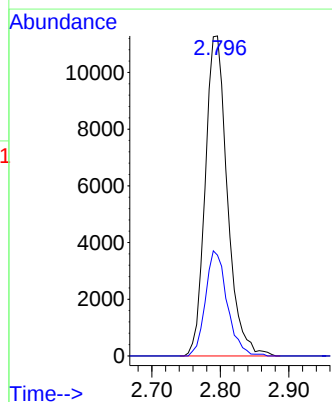
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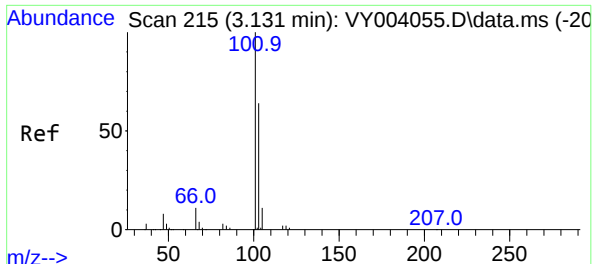


#6
Chloroethane
Concen: 18.23 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion: 64 Resp: 25386
Ion Ratio Lower Upper
64 100
66 31.5 25.0 37.6





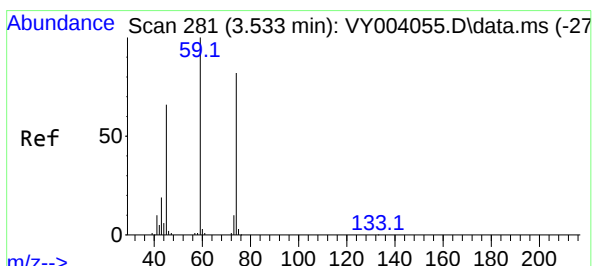
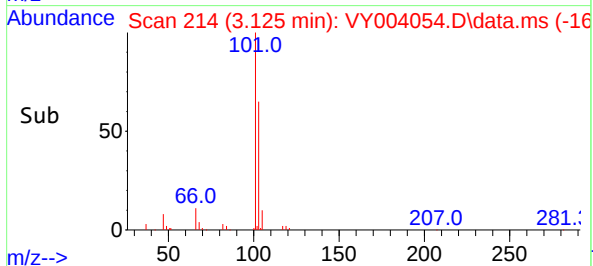
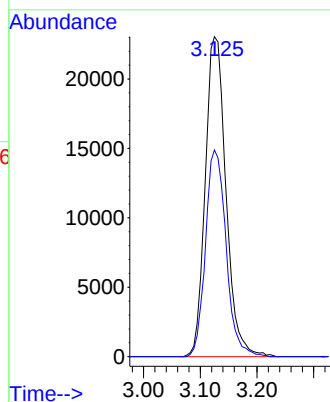
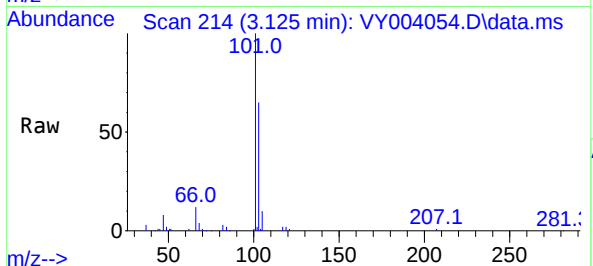
#7
Trichlorofluoromethane
Concen: 19.66 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:101 Resp: 58576
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2

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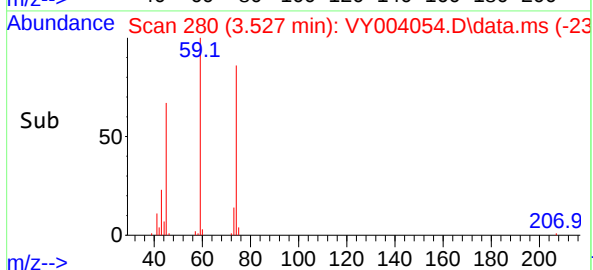
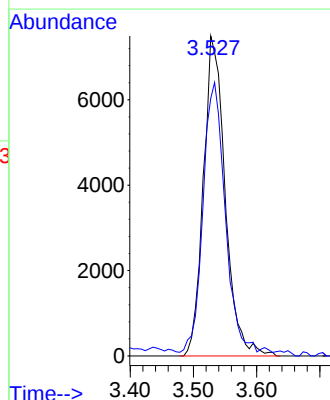
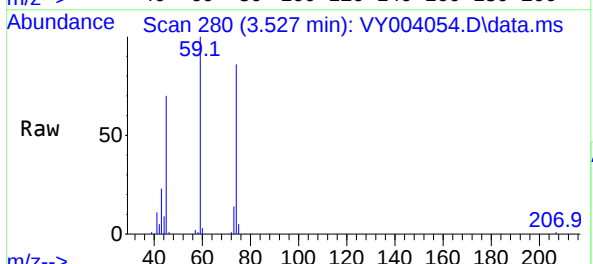
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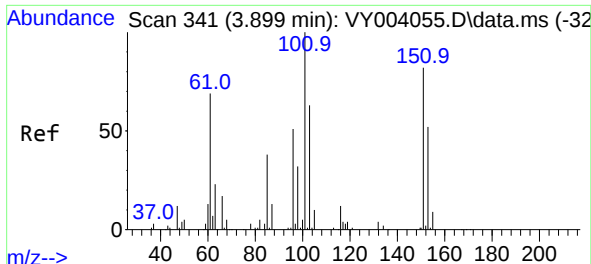
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#8
Diethyl Ether
Concen: 19.03 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 74 Resp: 17926
Ion Ratio Lower Upper
74 100
45 85.5 52.6 157.8





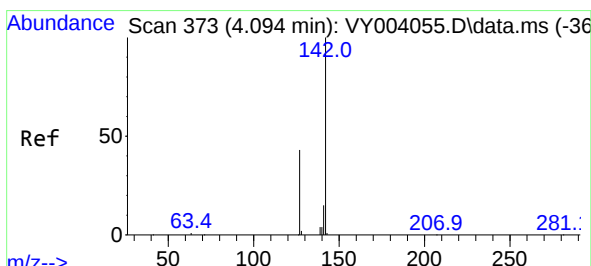
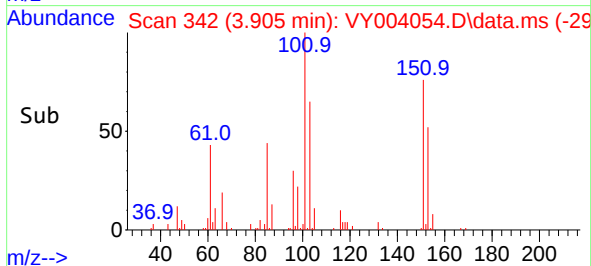
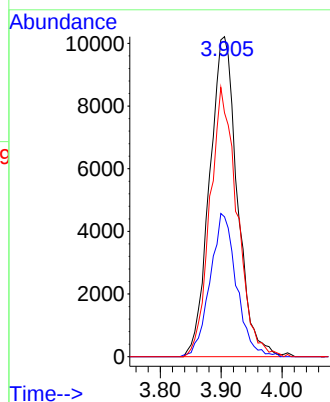
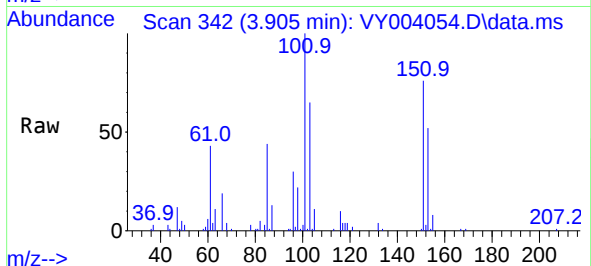
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.37 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY004054.D
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Tgt Ion:	101	Resp:	32327
Ion	Ratio	Lower	Upper
101	100		
85	42.7	36.1	54.1
151	82.7	66.9	100.3

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ClientSampleId :
VSTDIC020

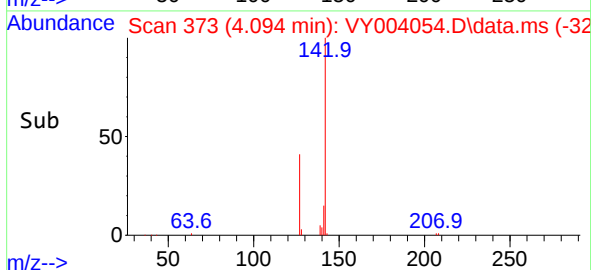
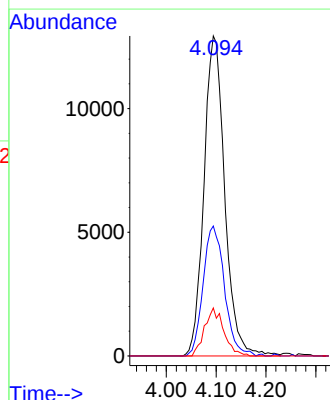
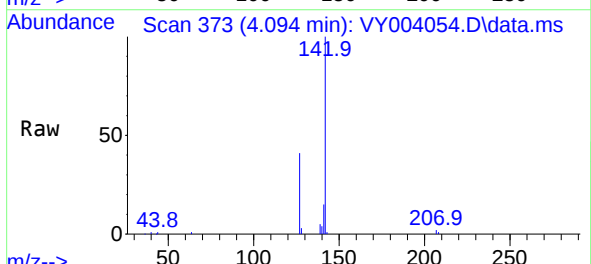
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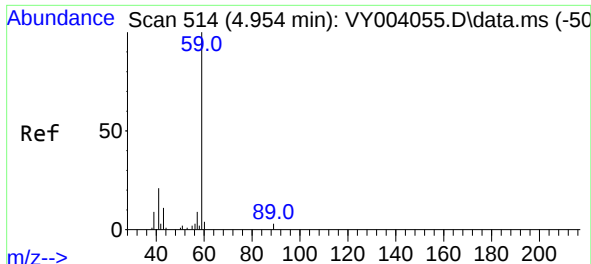
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#10
Methyl Iodide
Concen: 19.01 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:	142	Resp:	37503
Ion	Ratio	Lower	Upper
142	100		
127	41.6	35.4	53.0
141	13.8	11.5	17.3





#11

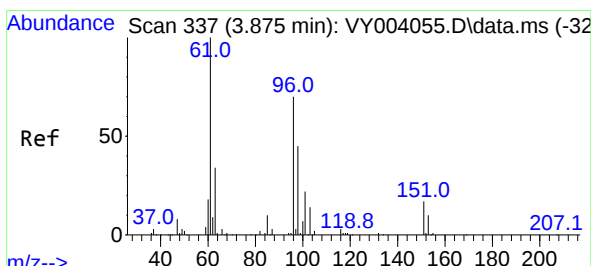
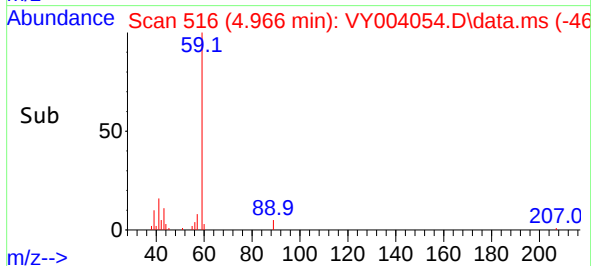
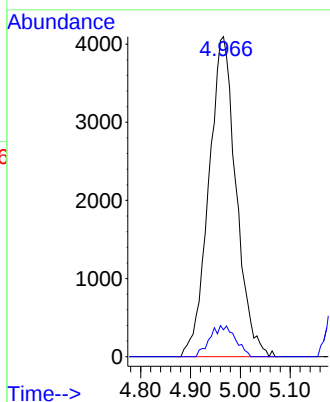
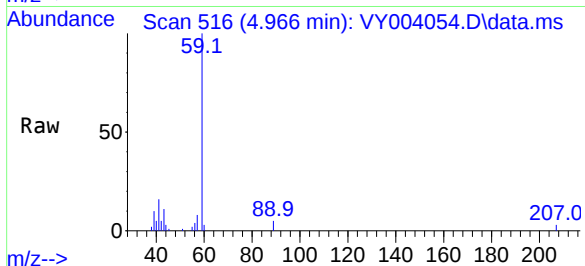
Tert butyl alcohol
Concen: 56.35 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 59 Resp: 15591
Ion Ratio Lower Upper
59 100
57 9.0 6.9 10.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

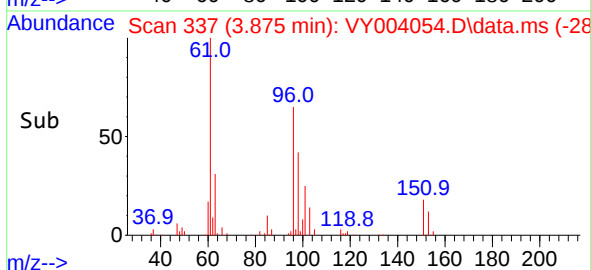
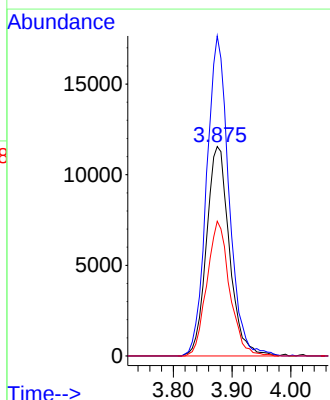
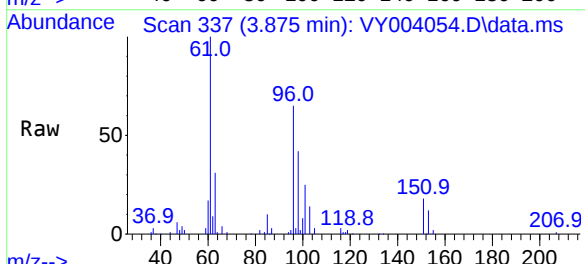
MMDadoda
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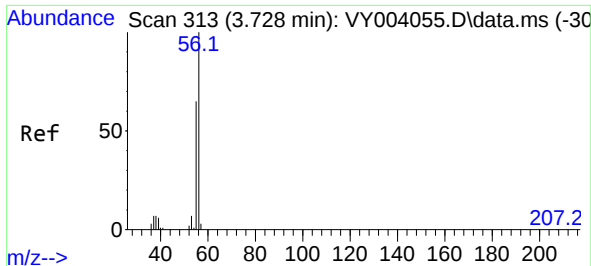


#12

1,1-Dichloroethene
Concen: 19.82 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

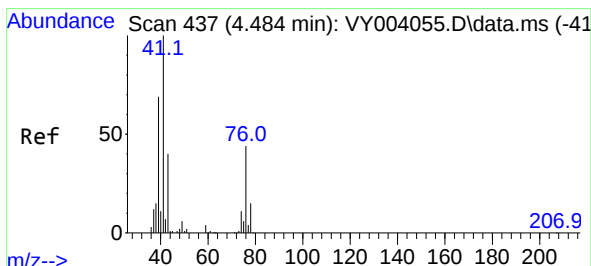
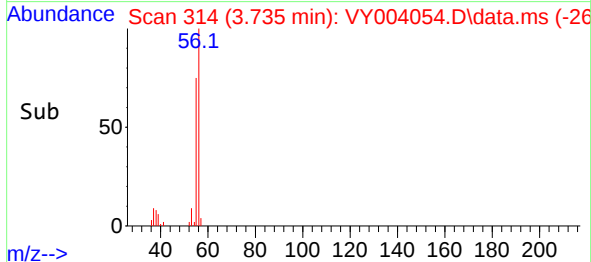
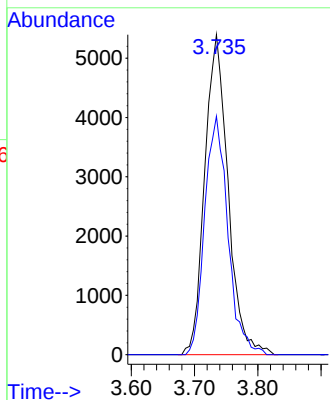
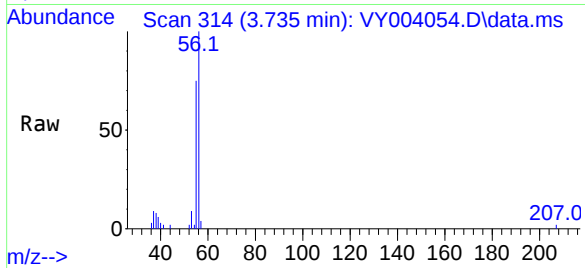
Tgt Ion: 96 Resp: 31388
Ion Ratio Lower Upper
96 100
61 152.8 130.7 196.1
98 64.3 48.9 73.3





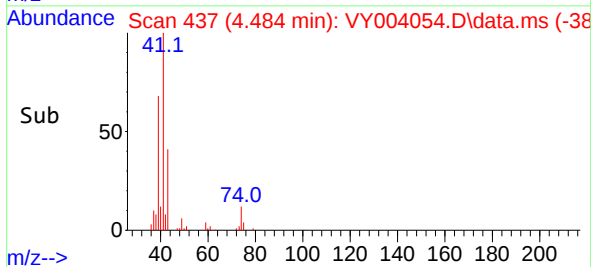
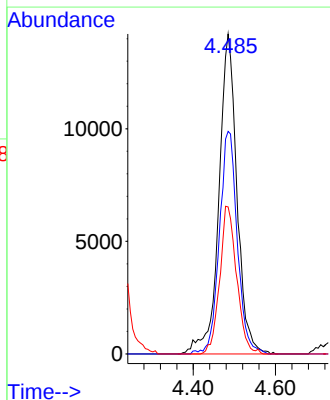
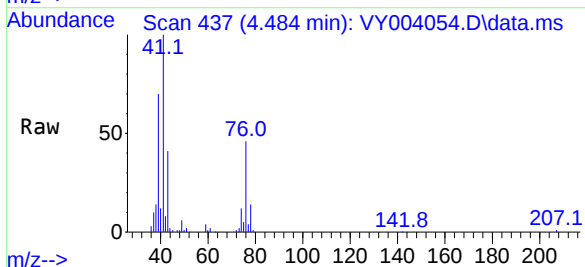
#13
Acrolein
Concen: 74.90 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 56 Resp: 13838
Ion Ratio Lower Upper
56 100
55 74.0 55.4 83.0



#14
Allyl chloride
Concen: 15.00 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

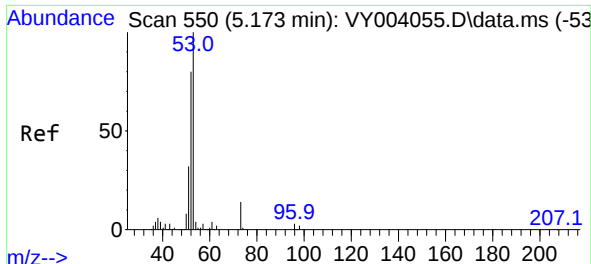
Tgt Ion: 41 Resp: 43372
Ion Ratio Lower Upper
41 100
39 68.8 54.0 81.0
76 43.2 26.1 39.1#



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

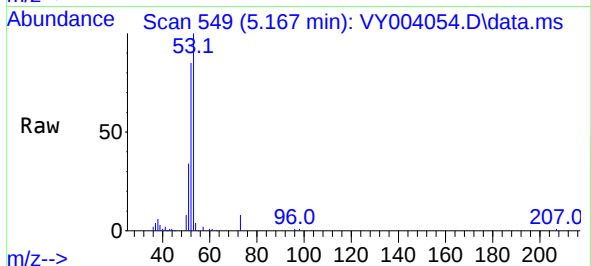
Manual Integrations
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#15
Acrylonitrile
Concen: 88.31 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

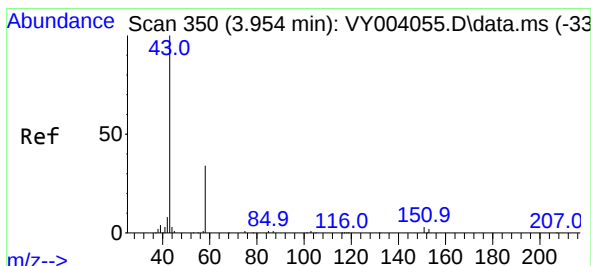
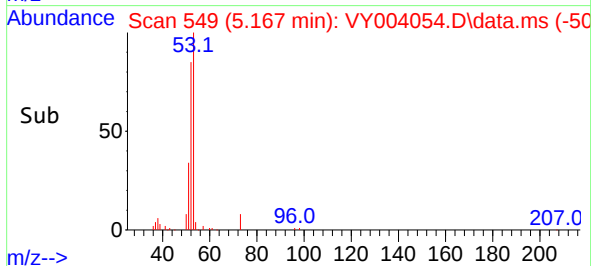
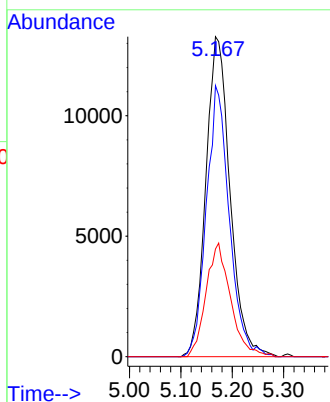
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 53 Resp: 43393
Ion Ratio Lower Upper
53 100
52 80.5 66.2 99.4
51 36.1 29.5 44.3

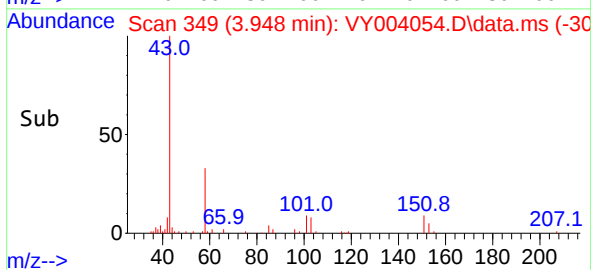
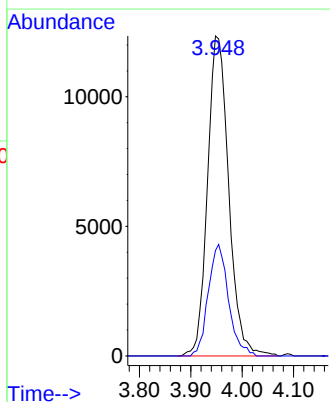
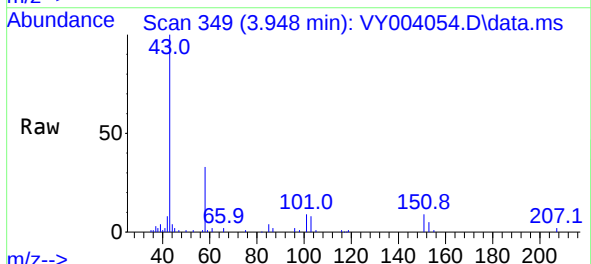
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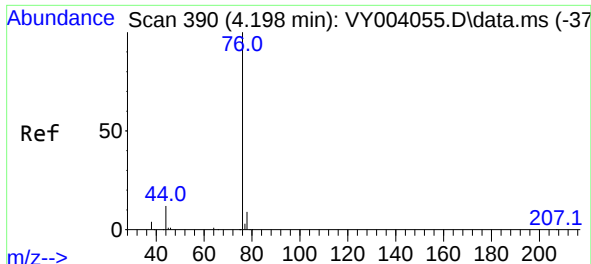
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#16
Acetone
Concen: 75.51 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

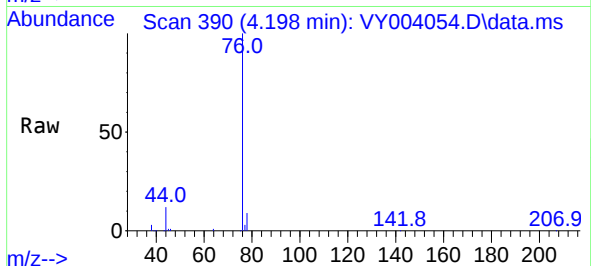
Tgt Ion: 43 Resp: 35374
Ion Ratio Lower Upper
43 100
58 33.0 22.6 34.0





#17
Carbon Disulfide
Concen: 18.63 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

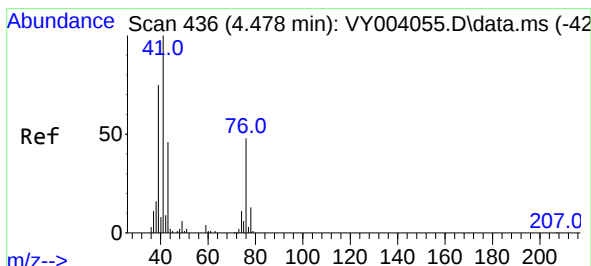
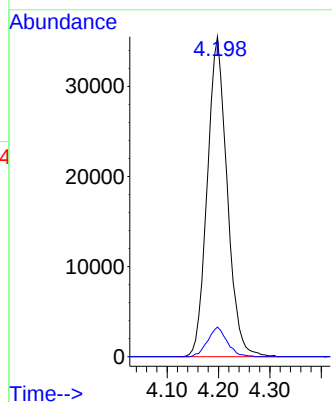
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



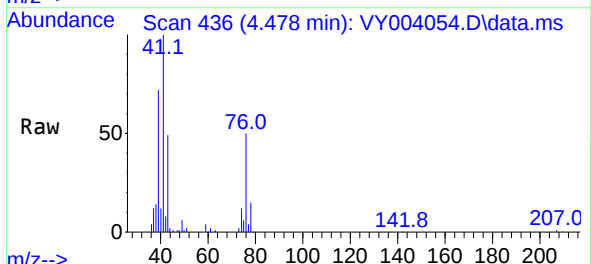
Tgt Ion: 76 Resp: 95322
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

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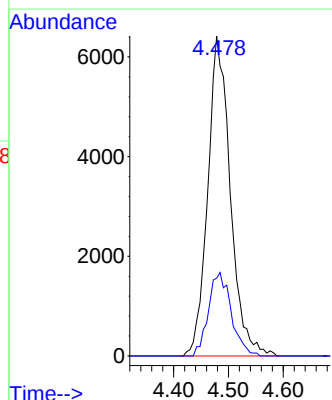
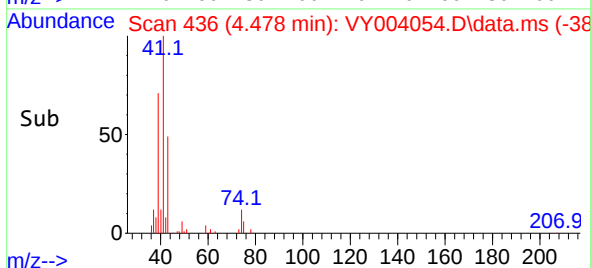
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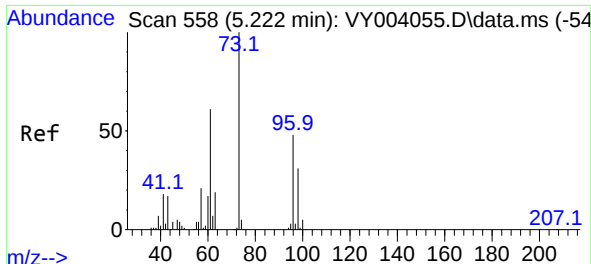


#18
Methyl Acetate
Concen: 16.52 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion: 43 Resp: 18342
Ion Ratio Lower Upper
43 100
74 26.3 17.6 26.4





#19

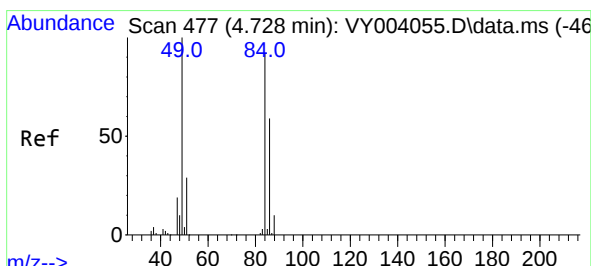
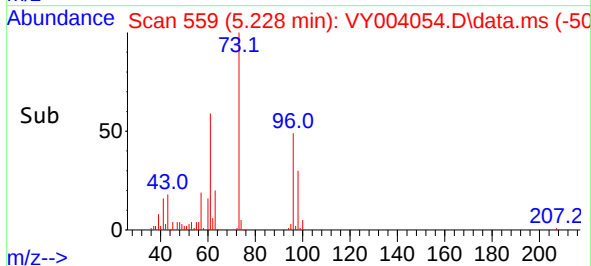
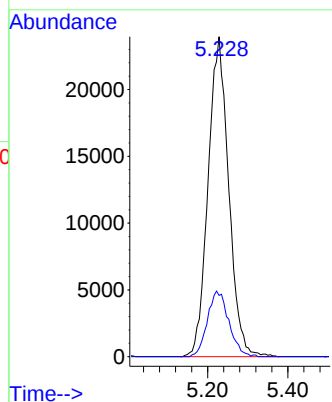
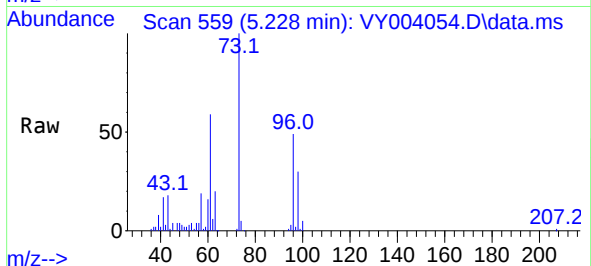
Methyl tert-butyl Ether
Concen: 18.42 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 85293
Ion Ratio Lower Upper
73 100
57 19.2 17.5 26.3

Manual Integrations
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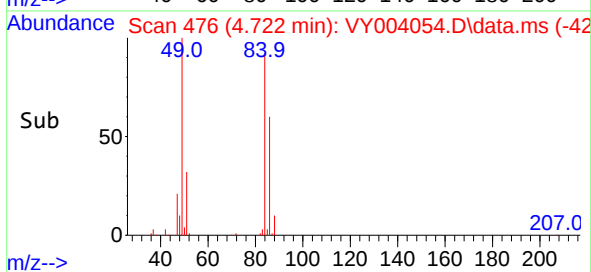
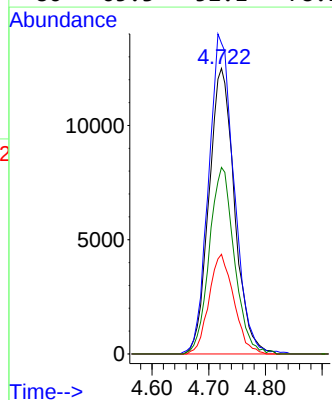
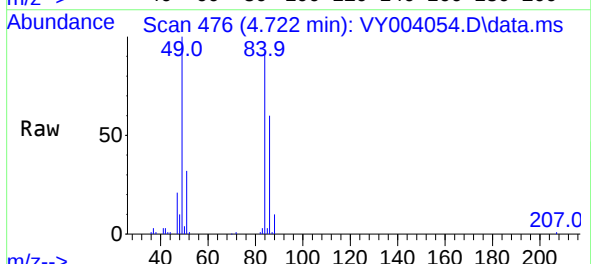
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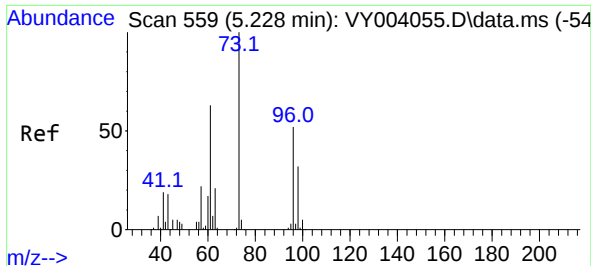


#20

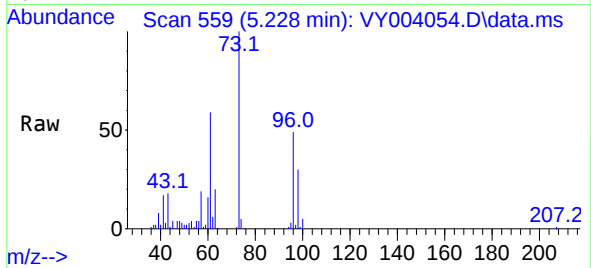
Methylene Chloride
Concen: 19.82 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 84 Resp: 39077
Ion Ratio Lower Upper
84 100
49 108.8 105.8 158.6
51 34.9 32.6 48.8
86 65.3 52.1 78.1

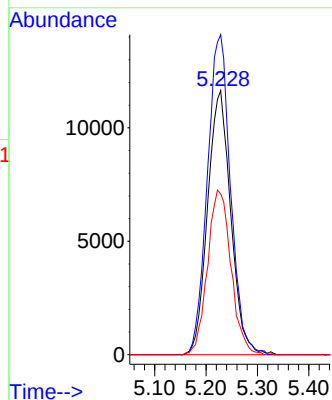




#21
trans-1,2-Dichloroethene
Concen: 20.33 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



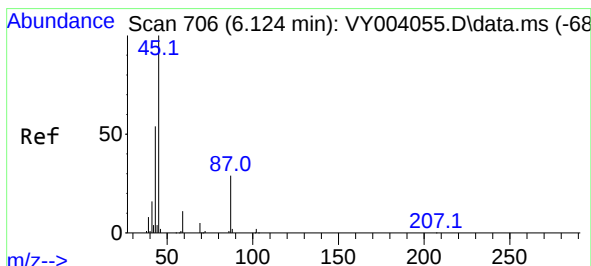
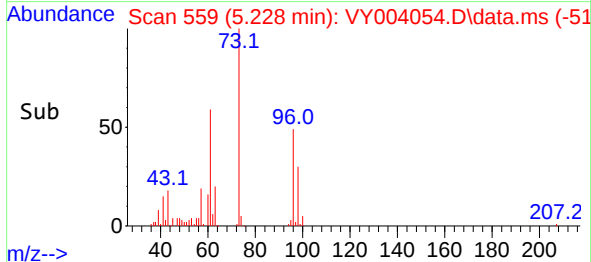
Tgt Ion: 96 Resp: 36433
Ion Ratio Lower Upper
96 100
61 121.2 110.8 166.2
98 60.9 51.0 76.6



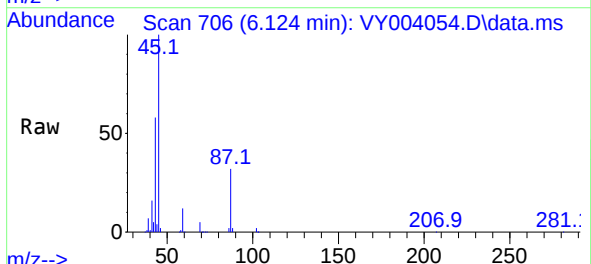
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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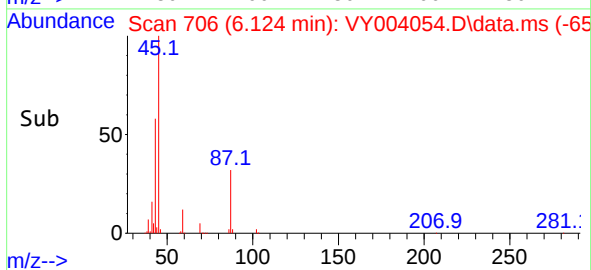
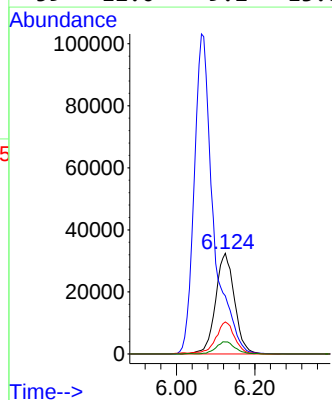
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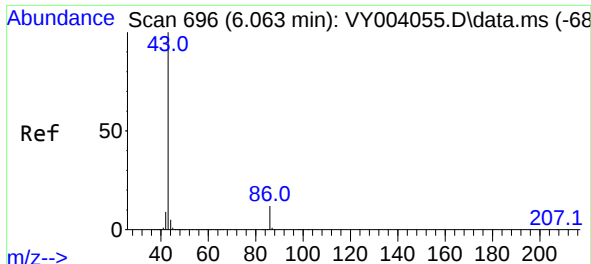


#22
Diisopropyl ether
Concen: 18.81 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

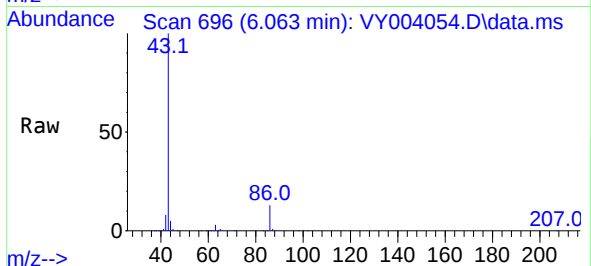


Tgt Ion: 45 Resp: 108827
Ion Ratio Lower Upper
45 100
43 57.5 45.1 67.7
87 31.9 21.0 31.4#
59 12.0 9.2 13.8

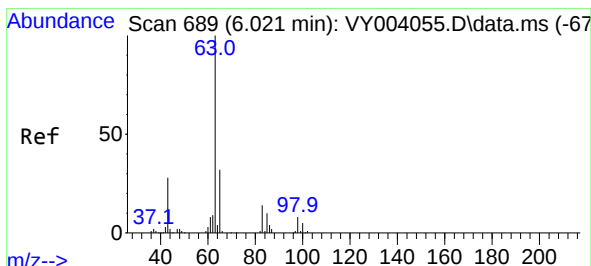
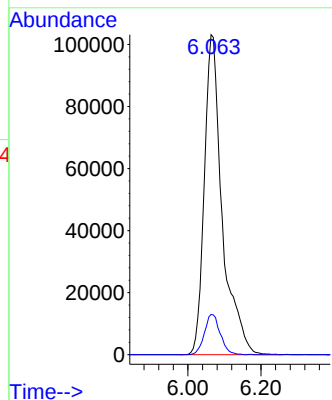
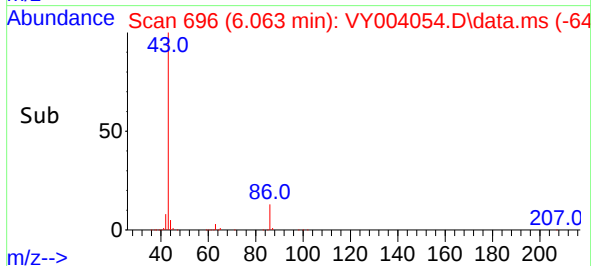




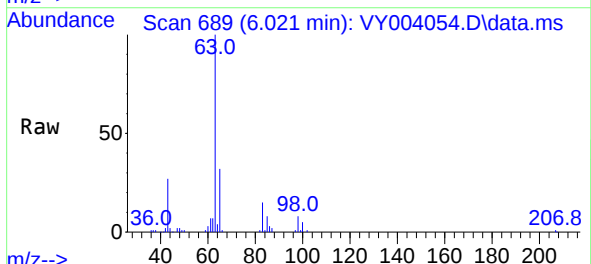
#23
 Vinyl Acetate
 Concen: 89.65 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY004054.D
 Acq: 03 Mar 2021 12:23



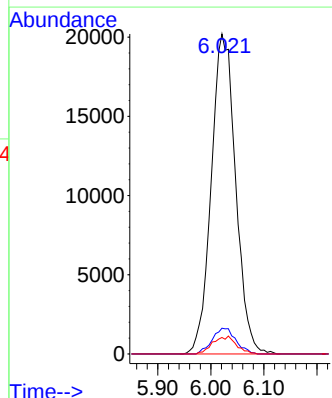
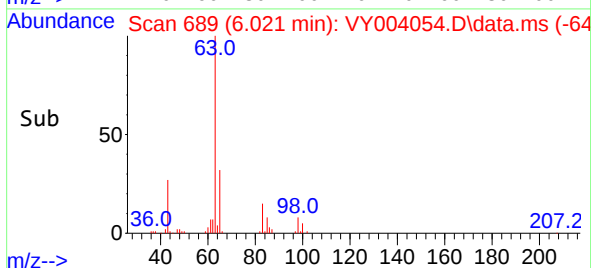
Tgt Ion: 43 Resp: 349661
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.8 11.6#



#24
 1,1-Dichloroethane
 Concen: 20.58 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY004054.D
 Acq: 03 Mar 2021 12:23



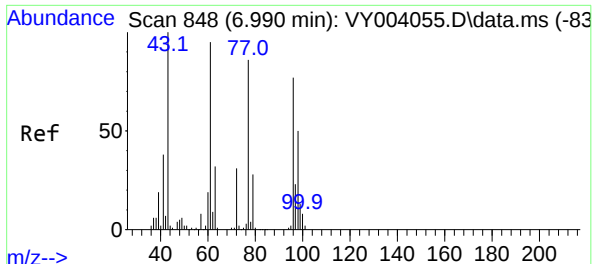
Tgt Ion: 63 Resp: 64383
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 5.1 2.3 6.9



Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

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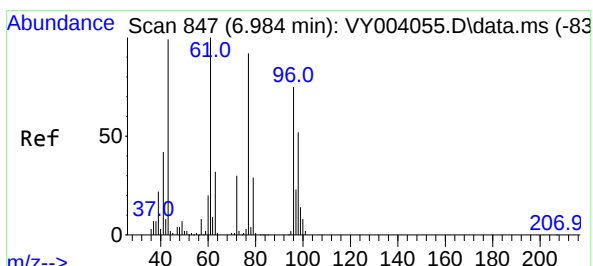
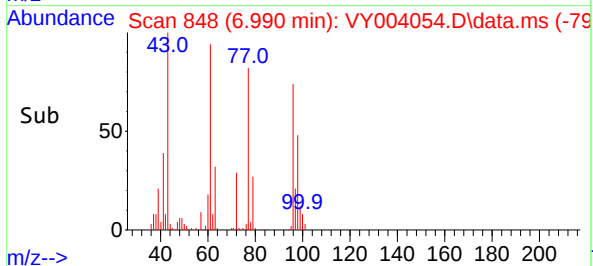
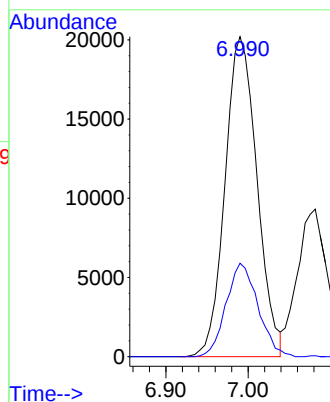
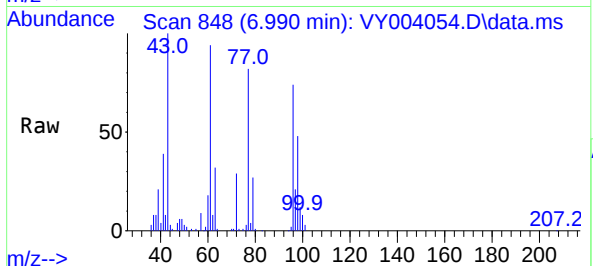
#25
2-Butanone
Concen: 79.75 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 43 Resp: 54578
Ion Ratio Lower Upper
43 100
72 29.2 19.4 29.0#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

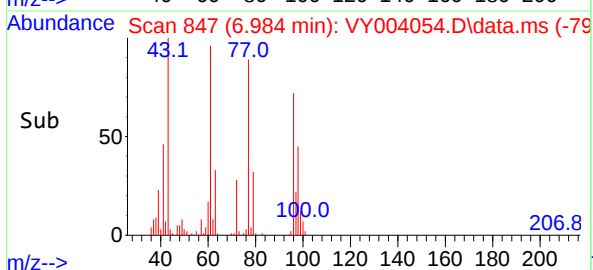
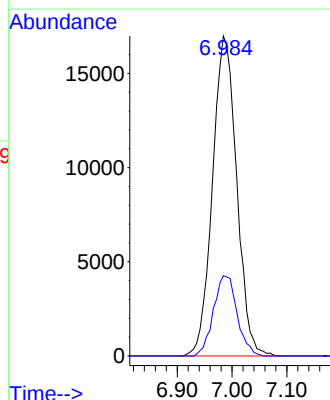
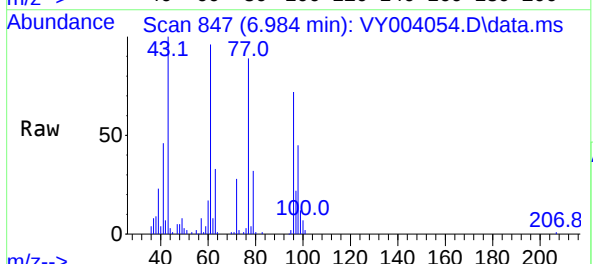
Manual Integrations
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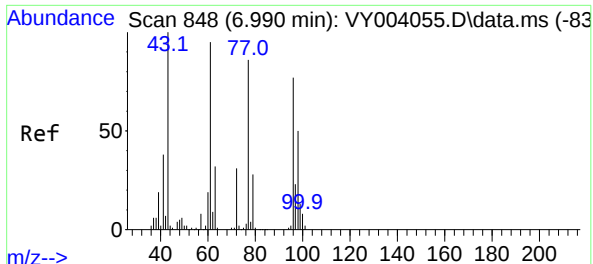
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#26
2,2-Dichloropropane
Concen: 17.63 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 77 Resp: 52066
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.1





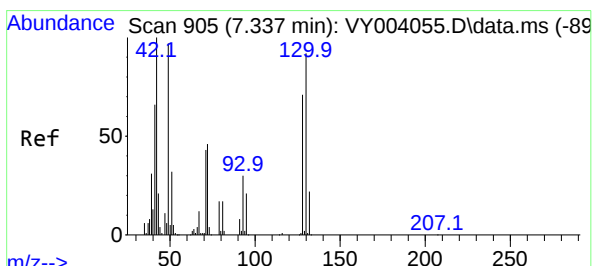
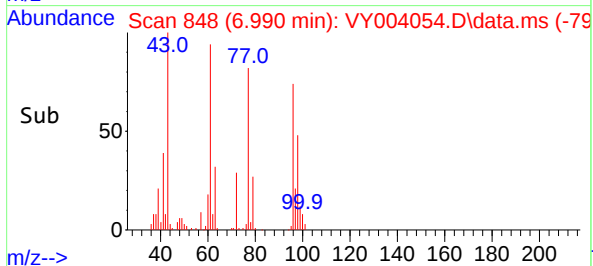
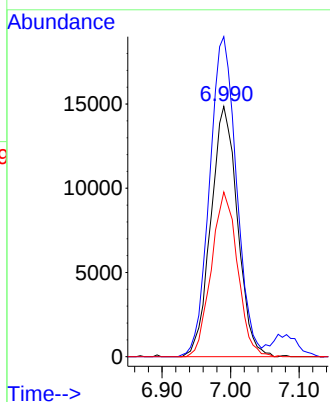
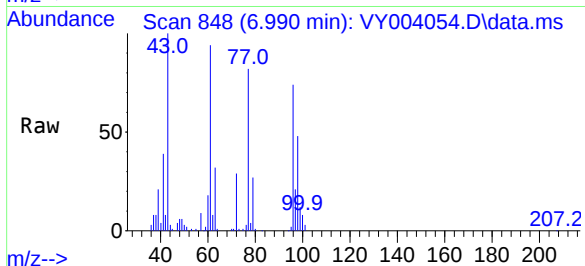
#27
cis-1,2-Dichloroethene
Concen: 19.76 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:	96	Resp:	40061
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	303.6
98	64.8	0.0	130.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

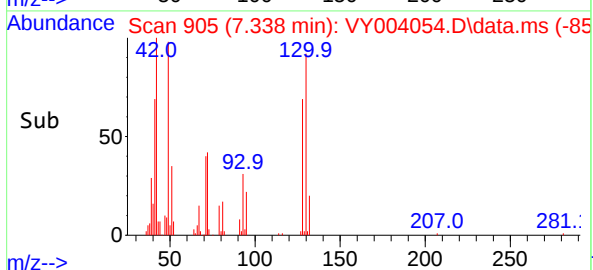
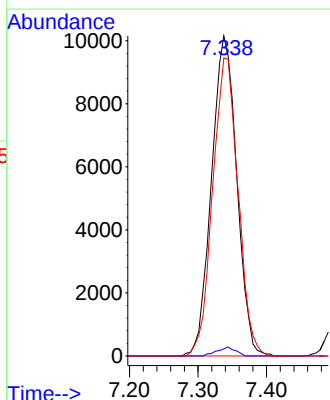
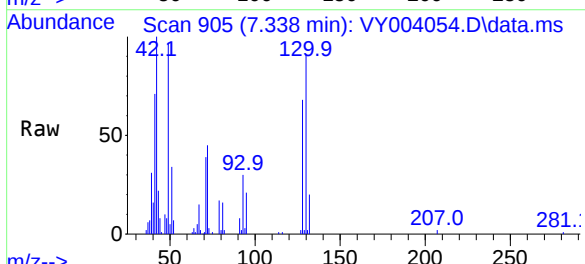
Manual Integrations
APPROVED

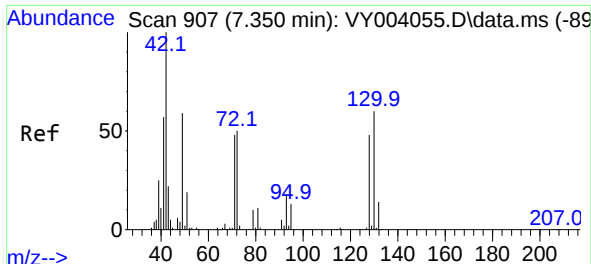
MMDadoda
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#28
Bromochloromethane
Concen: 18.66 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:	49	Resp:	25931
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	93.6	59.0	88.4#





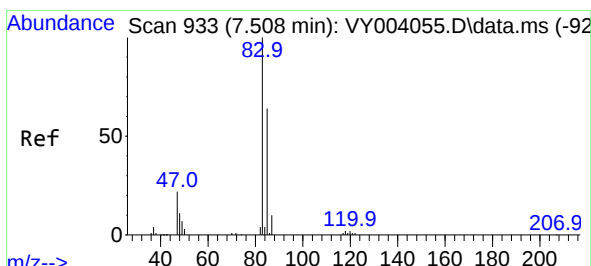
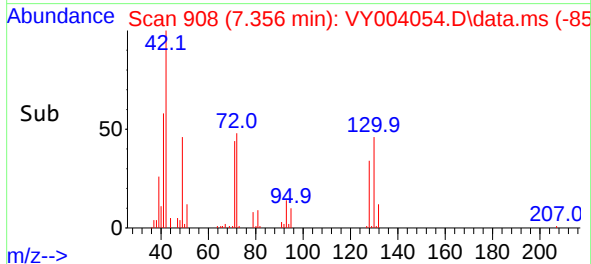
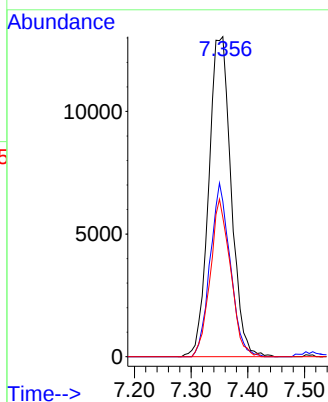
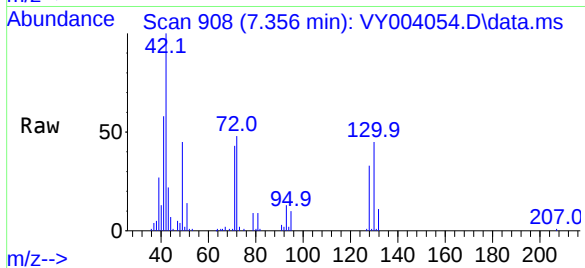
#29
Tetrahydrofuran
Concen: 82.40 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:	42	Resp:	35869
Ion	Ratio	Lower	Upper
42	100		
72	48.7	32.6	48.8
71	44.3	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

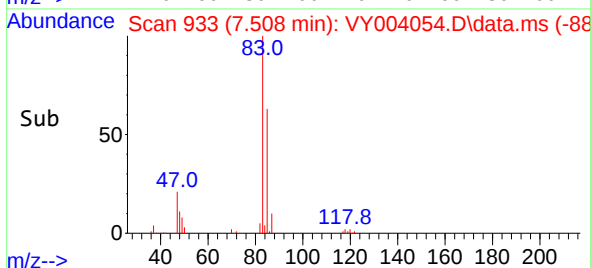
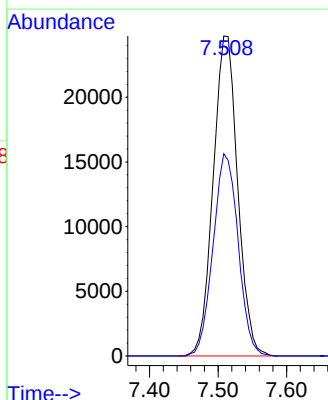
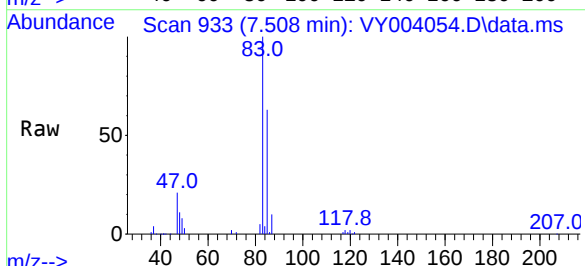
Manual Integrations
APPROVED

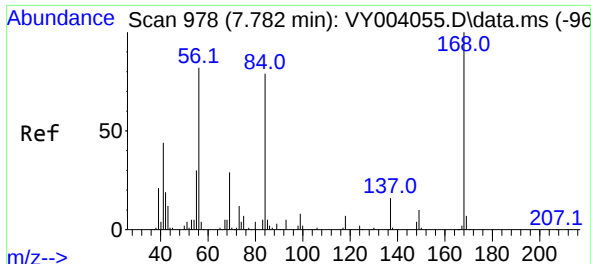
MMDadoda
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#30
Chloroform
Concen: 19.15 ug/l
RT: 7.508 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

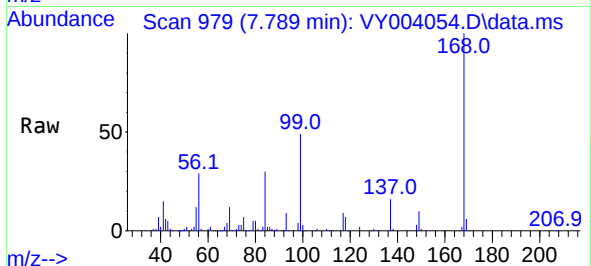
Tgt Ion:	83	Resp:	61376
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.0	76.6





#31
Cyclohexane
Concen: 17.15 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

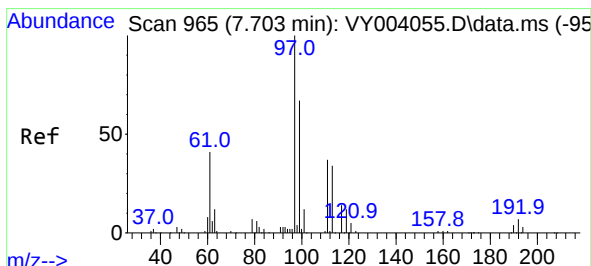
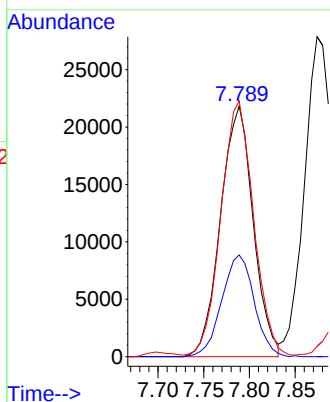
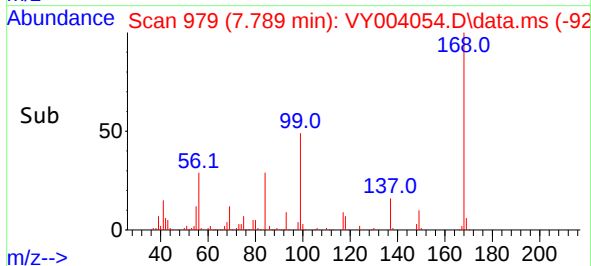
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020



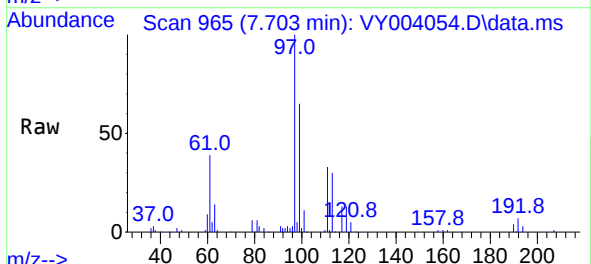
Tgt Ion: 56 Resp: 54178
Ion Ratio Lower Upper
56 100
69 40.6 25.3 37.9#
84 101.2 67.3 100.9#

Manual Integrations
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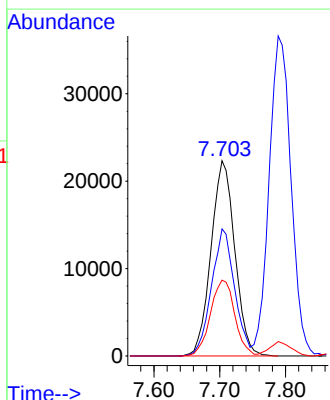
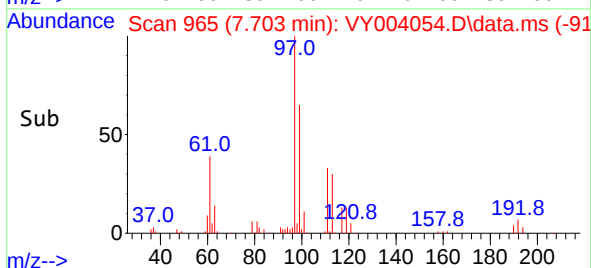
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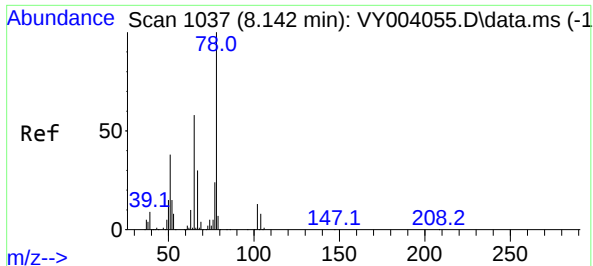


#32
1,1,1-Trichloroethane
Concen: 19.07 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion: 97 Resp: 56222
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 39.7 34.5 51.7





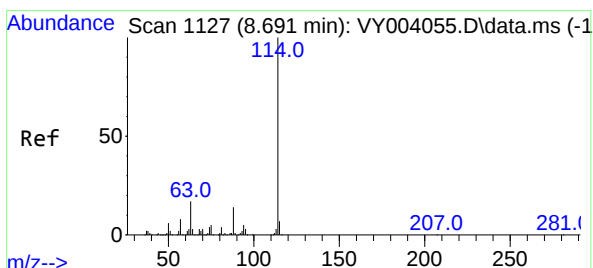
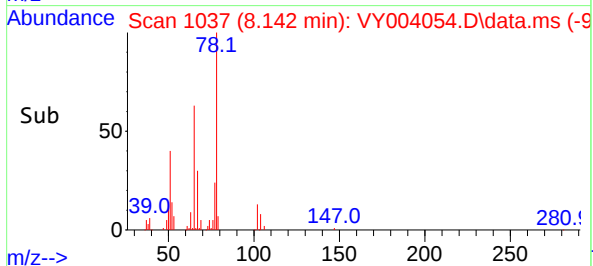
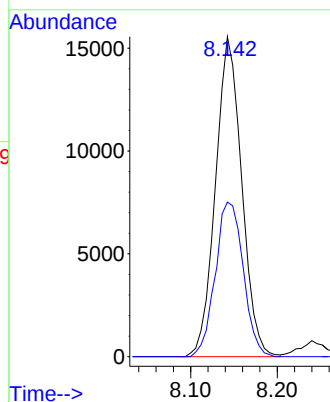
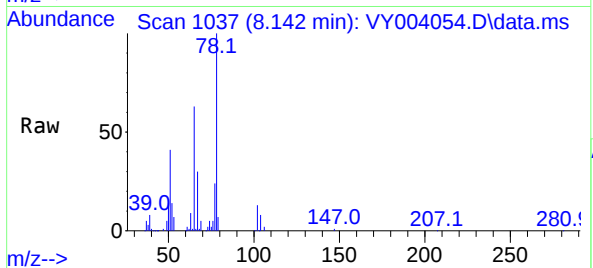
#33
1,2-Dichloroethane-d4
Concen: 17.46 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 65 Resp: 32696
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

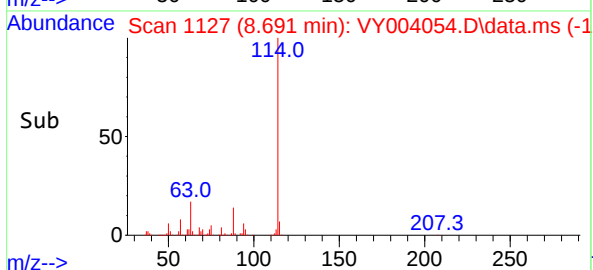
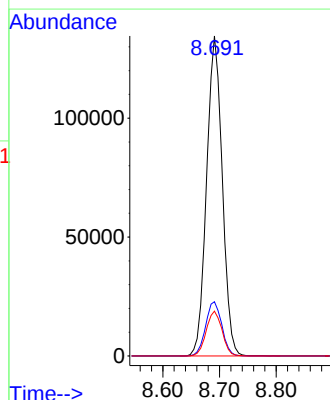
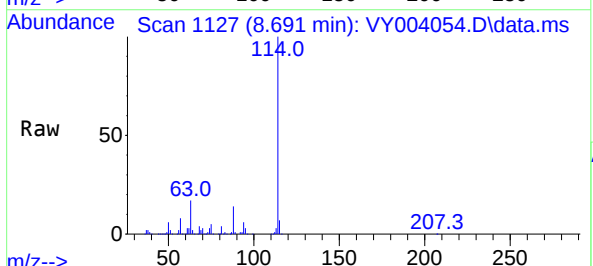
Manual Integrations
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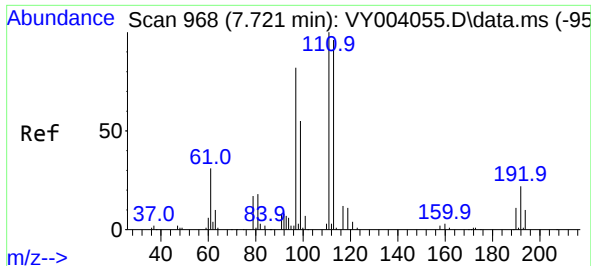
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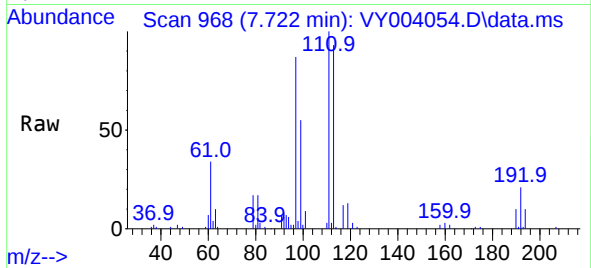
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 114 Resp: 258505
Ion Ratio Lower Upper
114 100
63 17.0 0.0 41.6
88 14.0 0.0 31.4

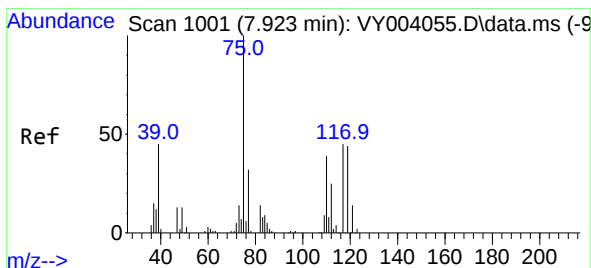
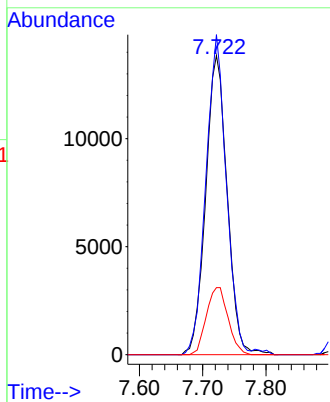
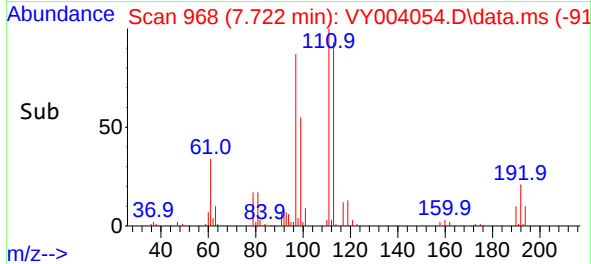




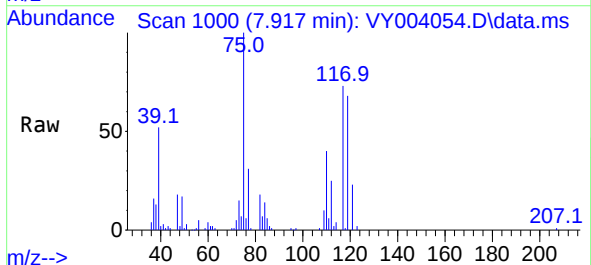
#35
Dibromofluoromethane
Concen: 21.06 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



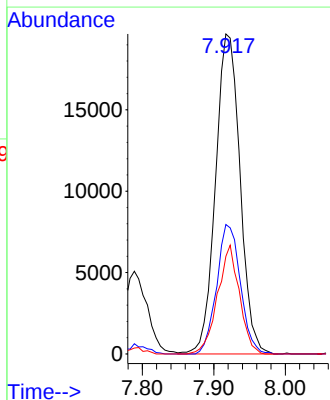
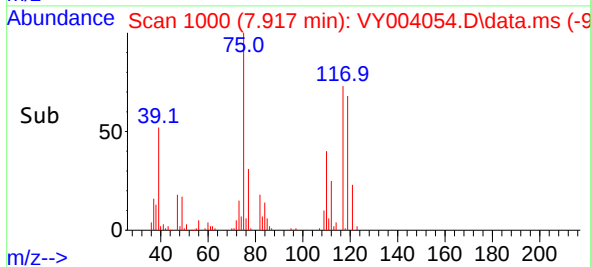
Tgt Ion: 113 Resp: 32692
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 22.6 18.5 27.7



#36
1,1-Dichloropropene
Concen: 18.44 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



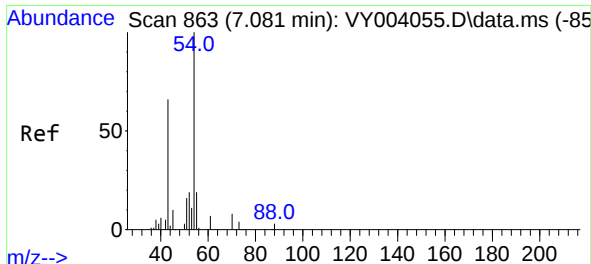
Tgt Ion: 75 Resp: 46818
Ion Ratio Lower Upper
75 100
110 39.1 17.4 52.3
77 30.3 24.5 36.7



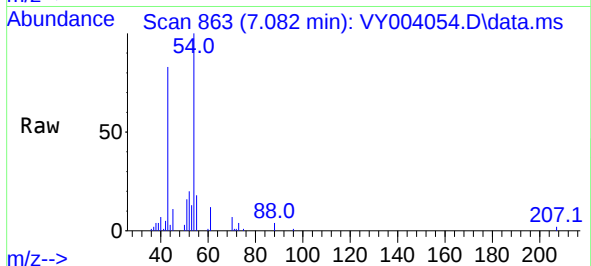
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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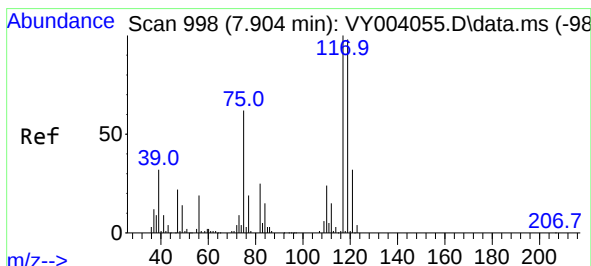
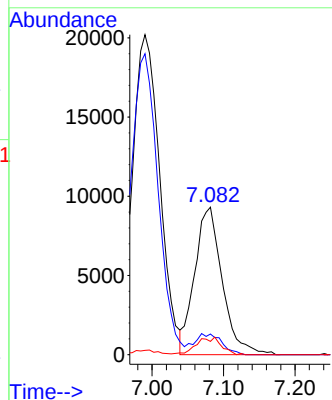
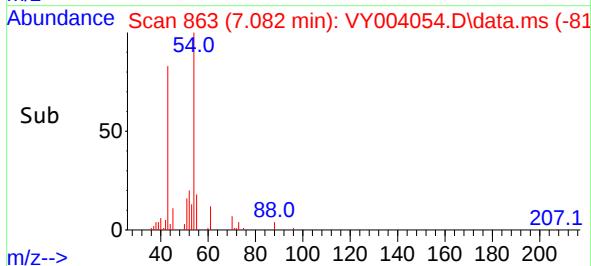
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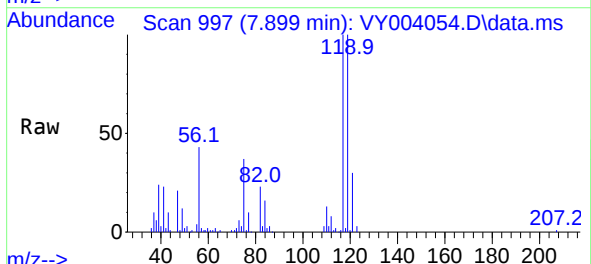
#37
Ethyl Acetate
Concen: 16.75 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



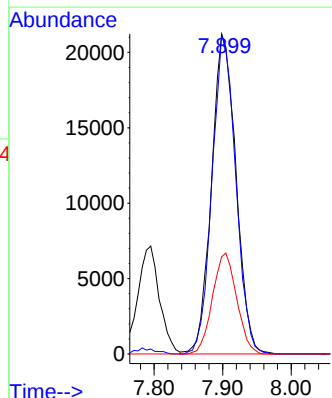
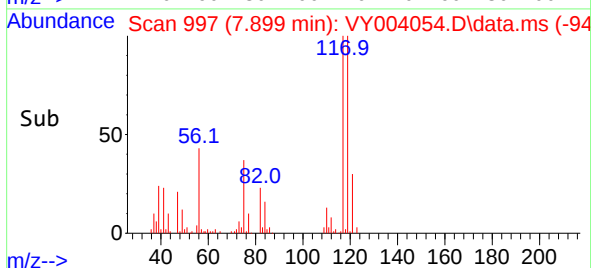
Tgt Ion:	43	Resp:	25011
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.7	16.1
70	10.7	7.7	11.5



#38
Carbon Tetrachloride
Concen: 19.86 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



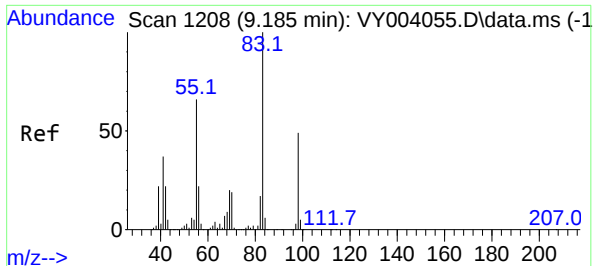
Tgt Ion:	117	Resp:	52538
Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.4	113.0
121	30.4	24.2	36.2



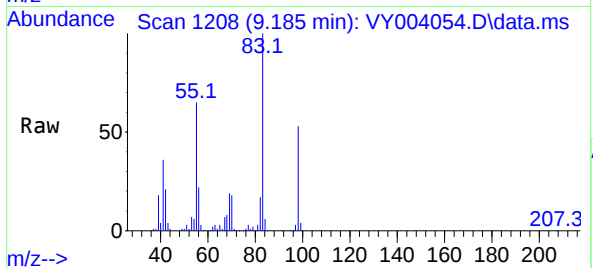
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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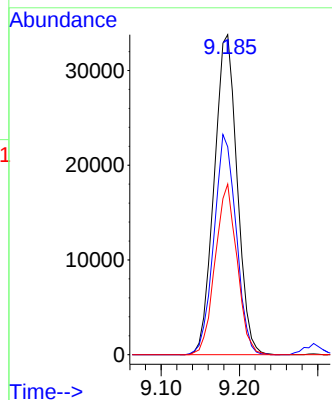
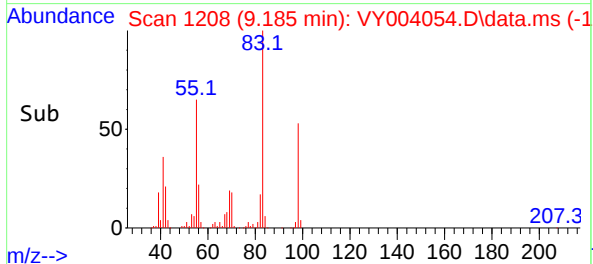
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#39
Methylcyclohexane
Concen: 22.29 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



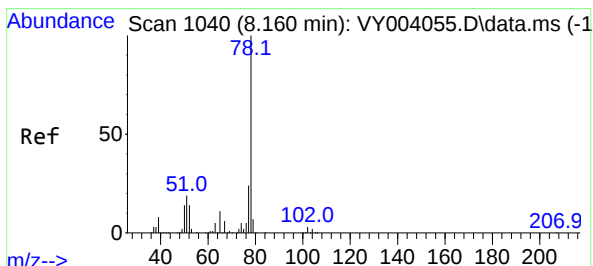
Tgt Ion: 83 Resp: 68874
Ion Ratio Lower Upper
83 100
55 65.0 65.6 98.4#
98 53.3 39.5 59.3



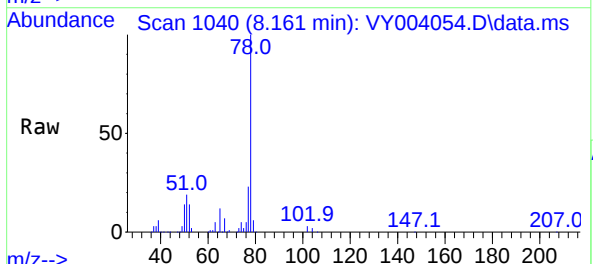
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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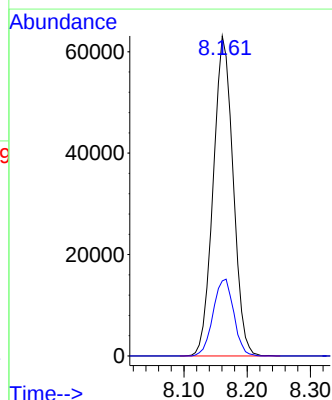
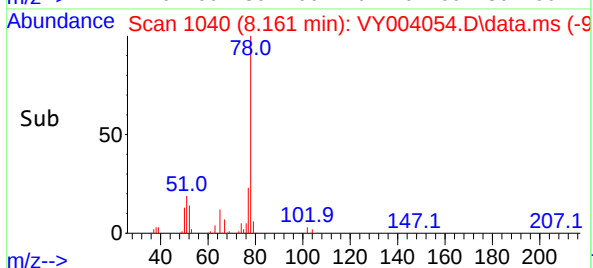
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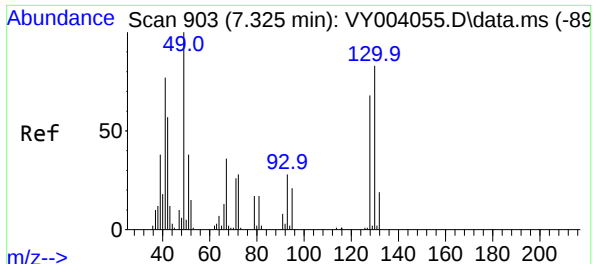


#40
Benzene
Concen: 19.38 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

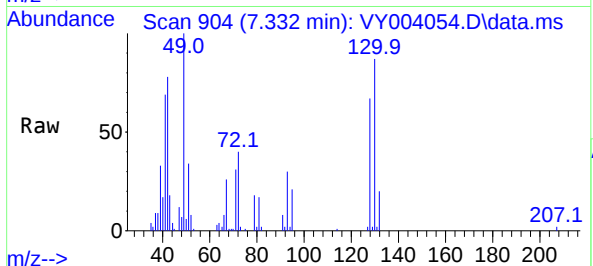


Tgt Ion: 78 Resp: 137684
Ion Ratio Lower Upper
78 100
77 23.4 20.1 30.1

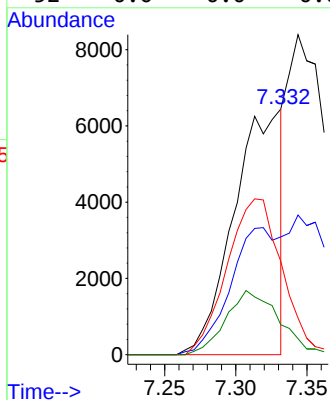




#41
Methacrylonitrile
Concen: 19.71 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



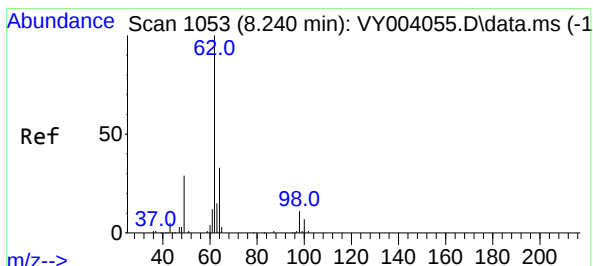
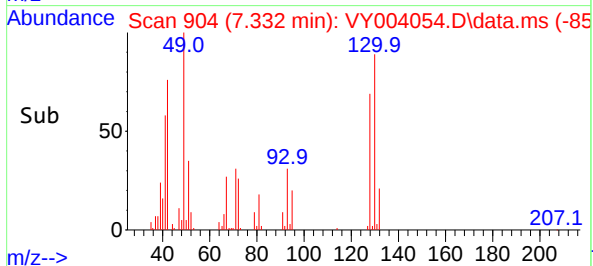
Tgt Ion: 41 Resp: 15193
Ion Ratio Lower Upper
41 100
39 0.0 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



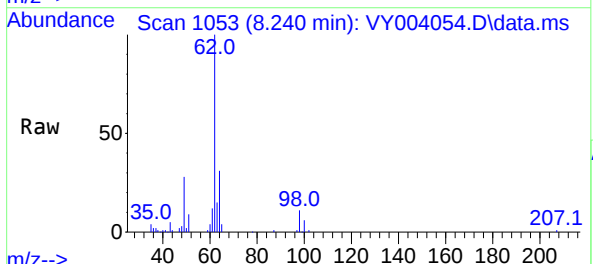
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

Manual Integrations
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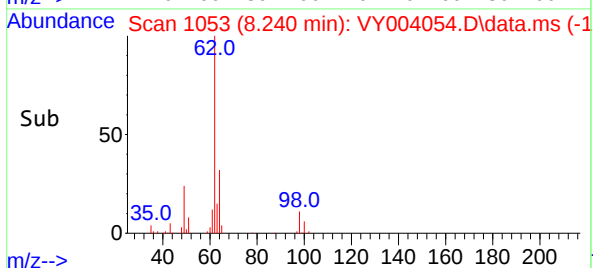
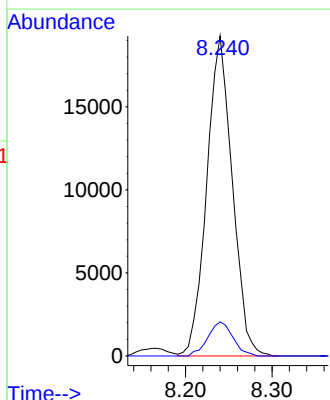
MMDadoda
3/4/2021 2:04:53 PM

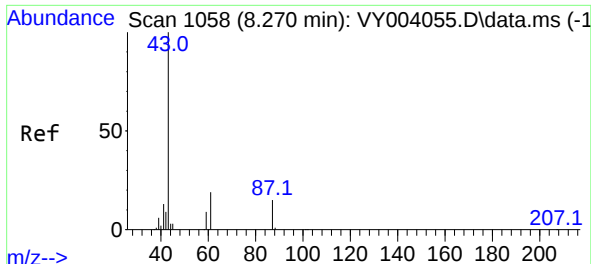


#42
1,2-Dichloroethane
Concen: 17.23 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



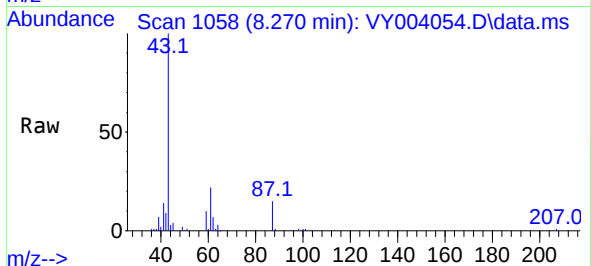
Tgt Ion: 62 Resp: 39481
Ion Ratio Lower Upper
62 100
98 10.4 0.0 17.0





#43
Isopropyl Acetate
Concen: 16.66 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

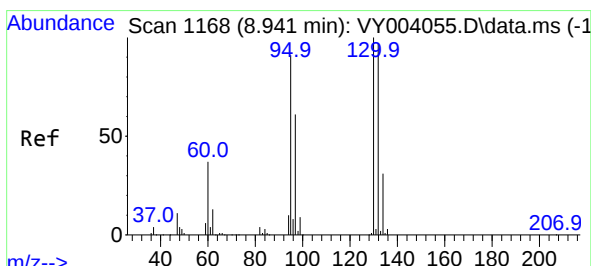
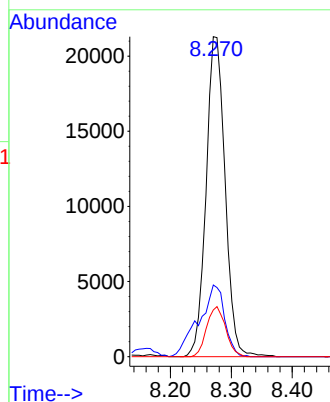
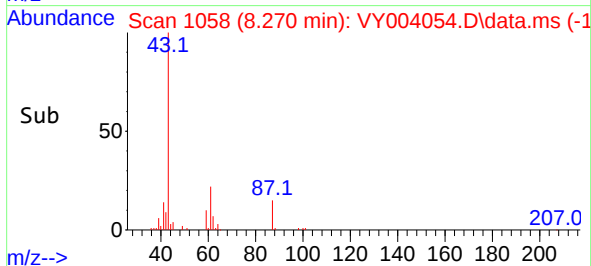
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



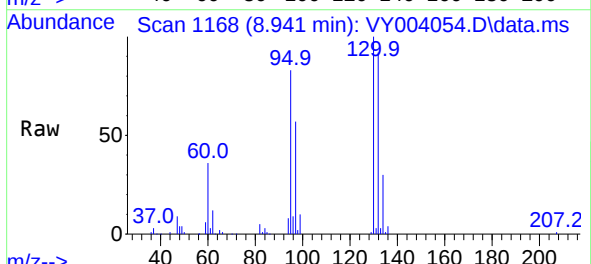
Tgt Ion: 43 Resp: 46108
Ion Ratio Lower Upper
43 100
61 30.4 22.1 33.1
87 15.7 9.8 14.8#

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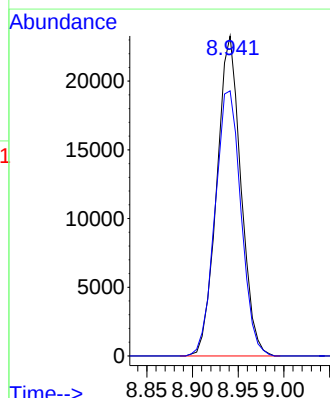
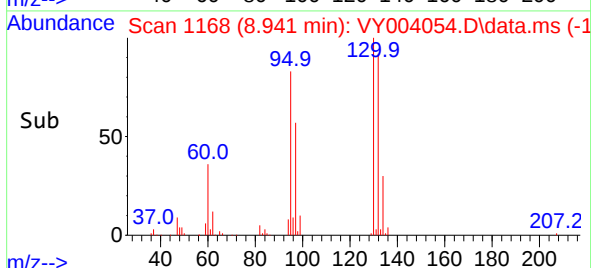
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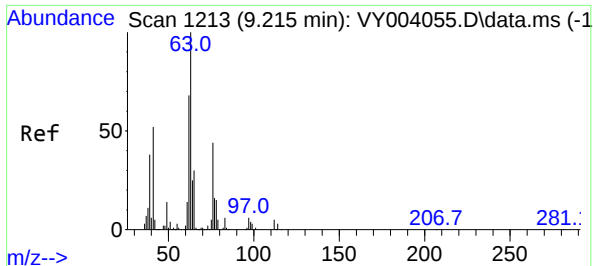


#44
Trichloroethene
Concen: 21.45 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion: 130 Resp: 42717
Ion Ratio Lower Upper
130 100
95 82.9 0.0 188.0





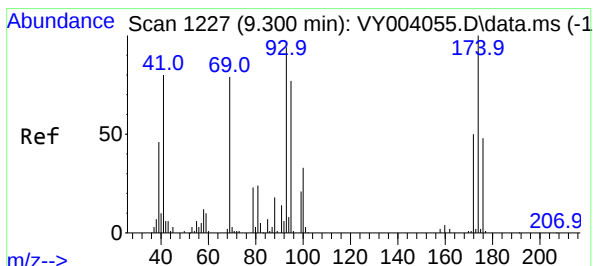
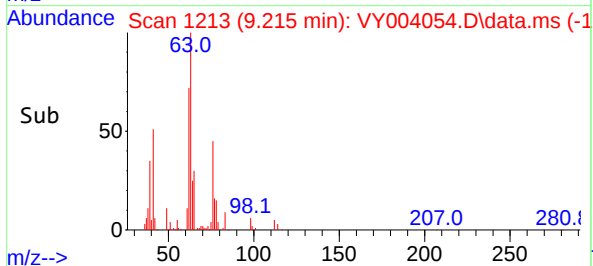
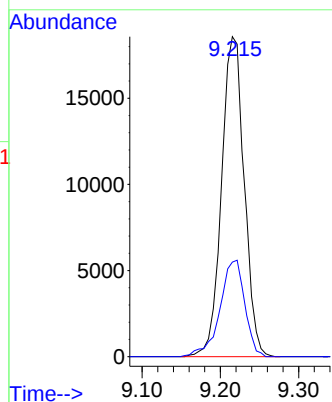
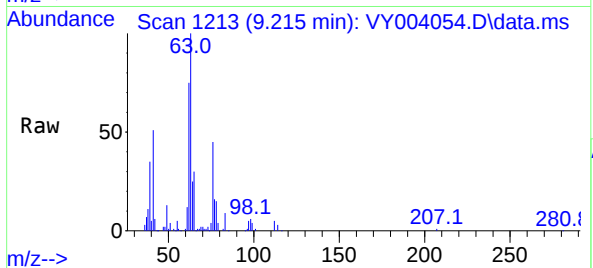
#45
1,2-Dichloropropane
Concen: 21.55 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 63 Resp: 37366
Ion Ratio Lower Upper
63 100
65 29.6 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

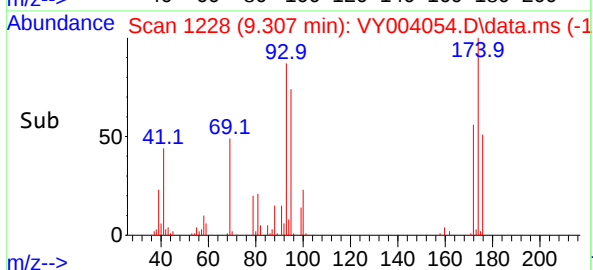
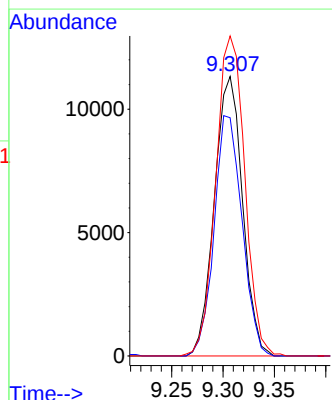
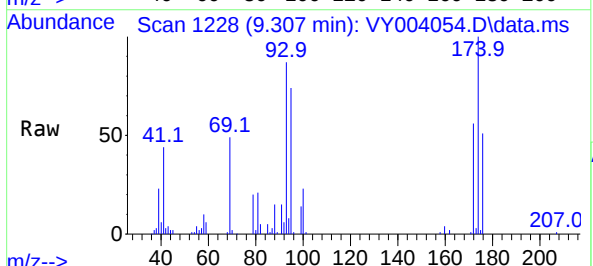
Manual Integrations
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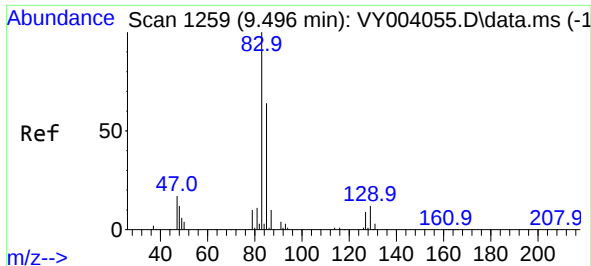
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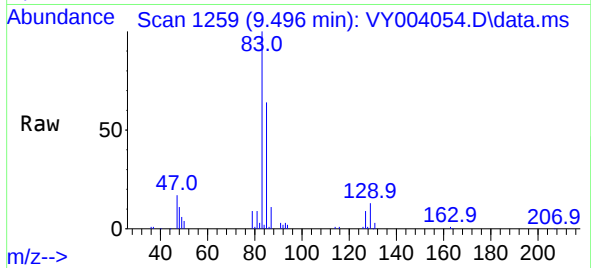
#46
Dibromomethane
Concen: 22.01 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 93 Resp: 21578
Ion Ratio Lower Upper
93 100
95 85.1 66.3 99.5
174 117.8 88.1 132.1



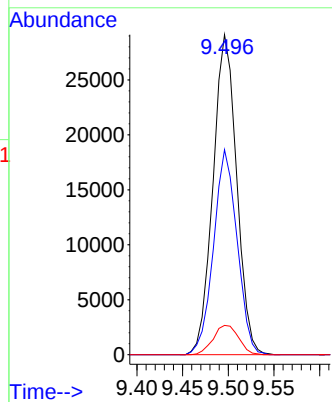


#47
Bromodichloromethane
Concen: 21.05 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion: 83 Resp: 52363

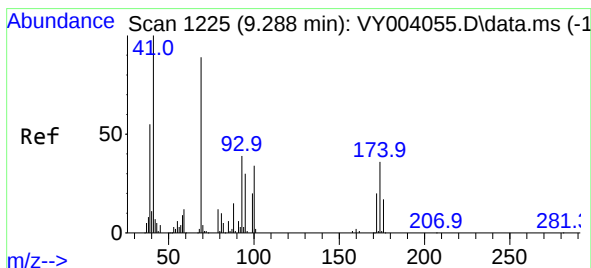
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.6	77.4
127	9.2	6.5	9.7



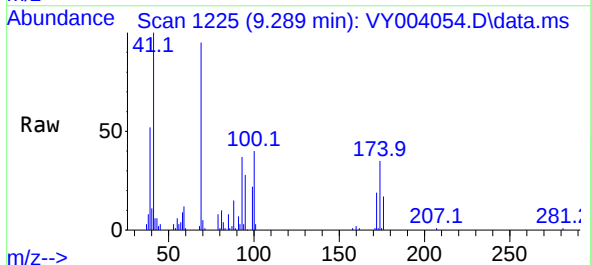
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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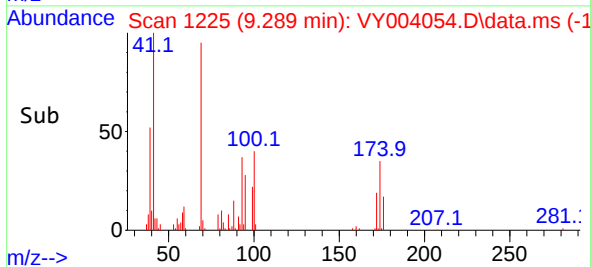
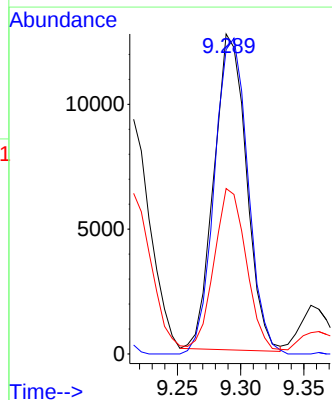


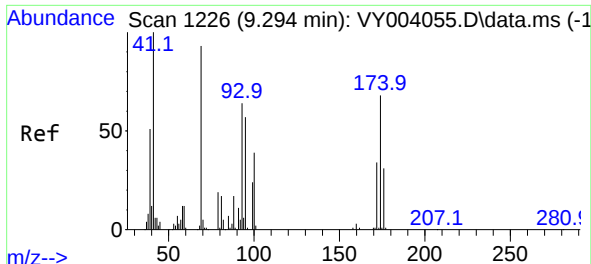
#48
Methyl methacrylate
Concen: 16.67 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion: 41 Resp: 22609

Ion	Ratio	Lower	Upper
41	100		
69	102.8	65.1	97.7
39	53.5	44.2	66.2





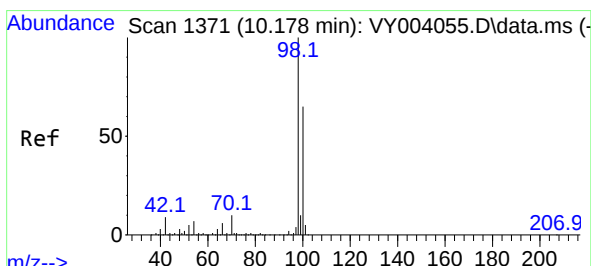
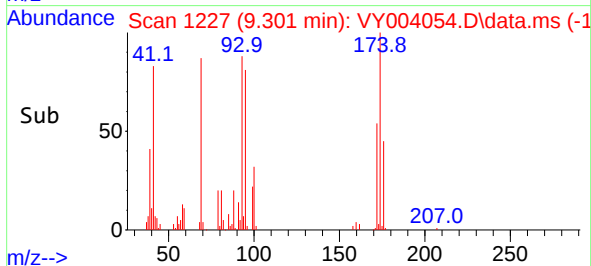
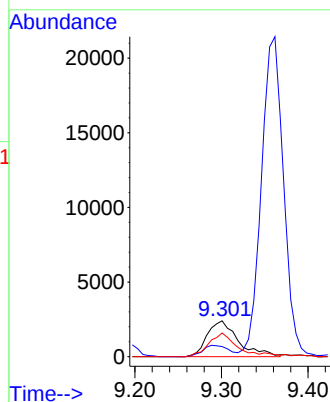
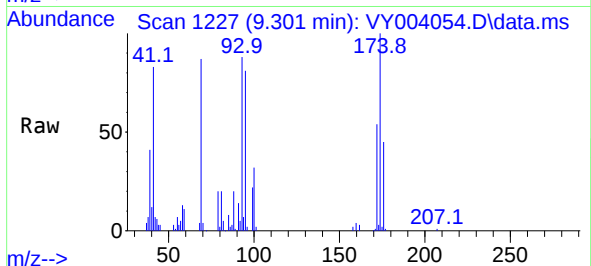
#49
1,4-Dioxane
Concen: 504.46 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 88 Resp: 5994
Ion Ratio Lower Upper
88 100
43 27.1 32.0 48.0#
58 64.1 56.5 84.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

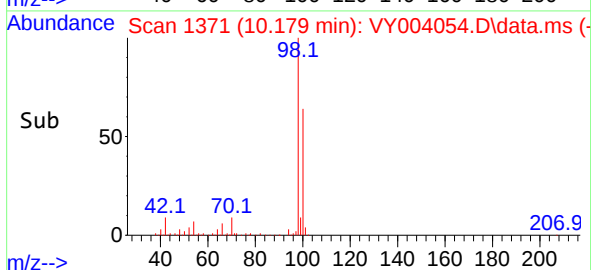
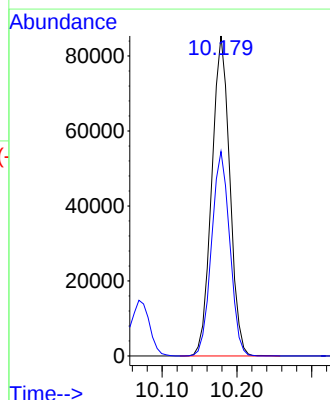
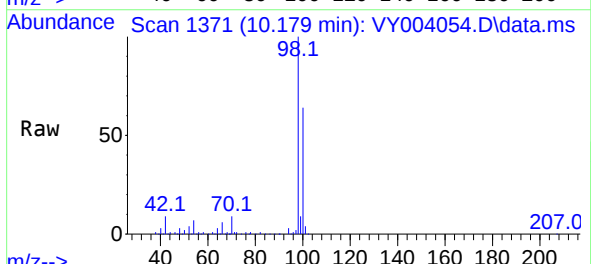
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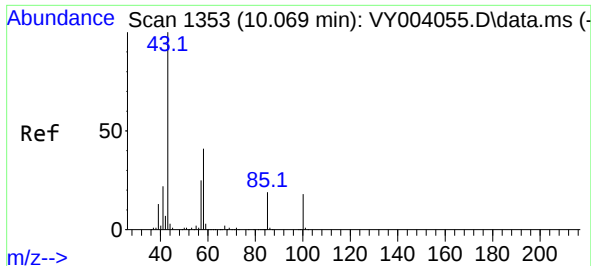
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#50
Toluene-d8
Concen: 22.66 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 98 Resp: 142700
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6





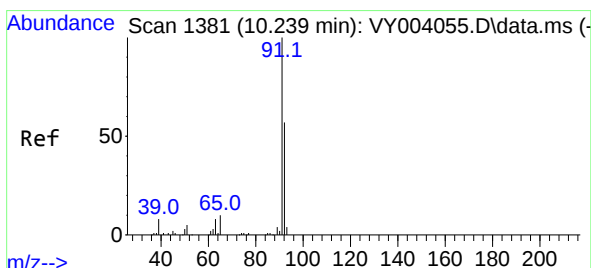
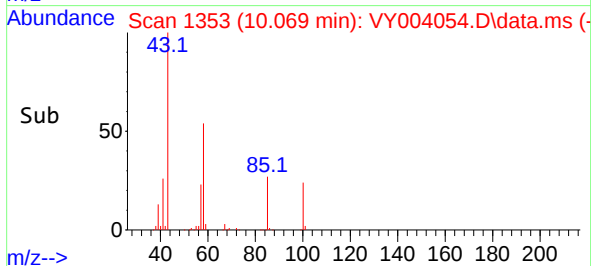
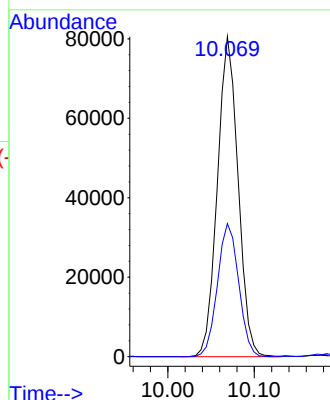
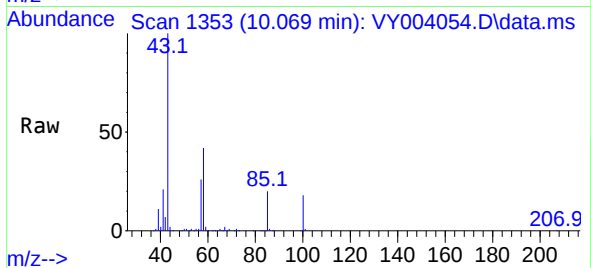
#51
4-Methyl-2-Pentanone
Concen: 93.11 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 43 Resp: 133717
Ion Ratio Lower Upper
43 100
58 42.5 29.8 44.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

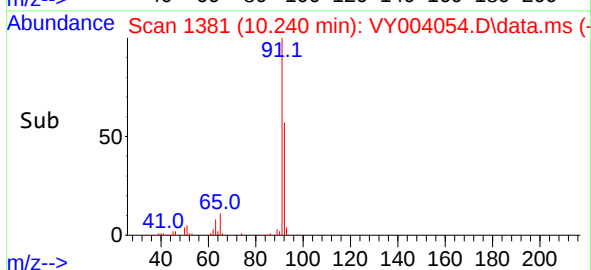
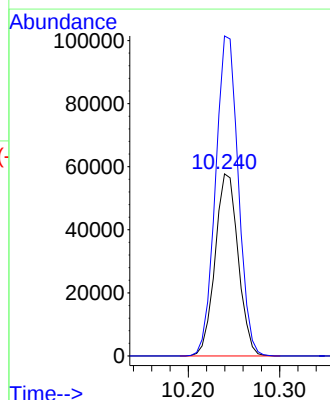
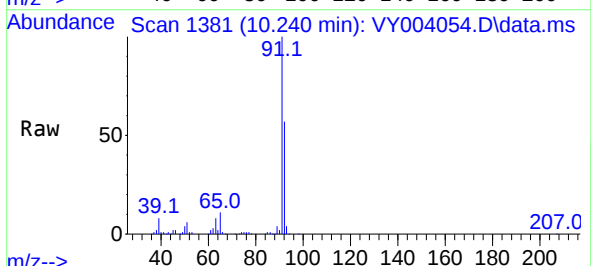
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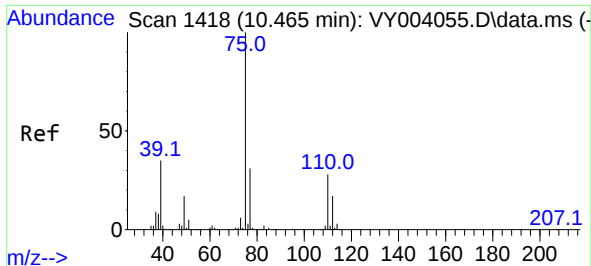
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#52
Toluene
Concen: 22.17 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 92 Resp: 101148
Ion Ratio Lower Upper
92 100
91 173.5 141.0 211.4





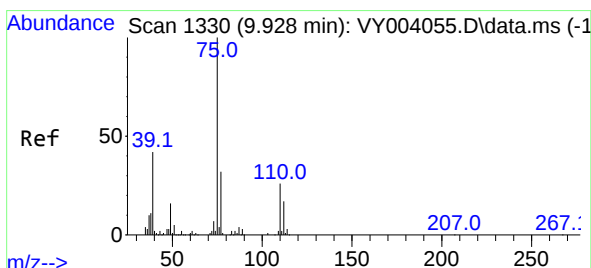
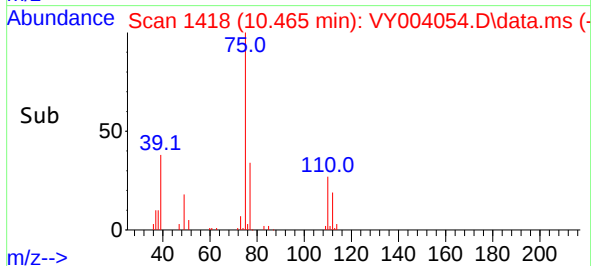
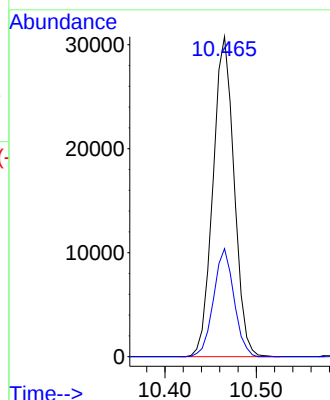
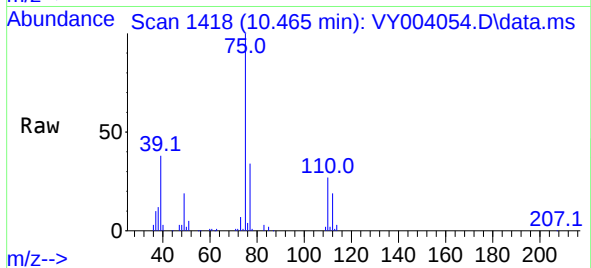
#53
t-1,3-Dichloropropene
Concen: 18.19 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 75 Resp: 49362
Ion Ratio Lower Upper
75 100
77 33.8 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

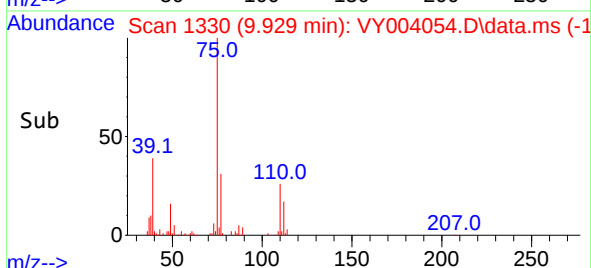
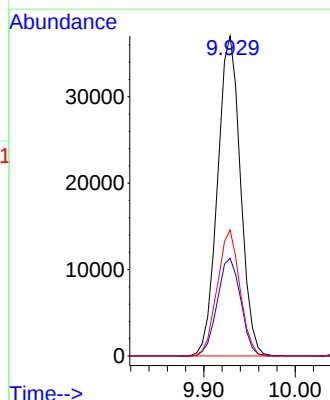
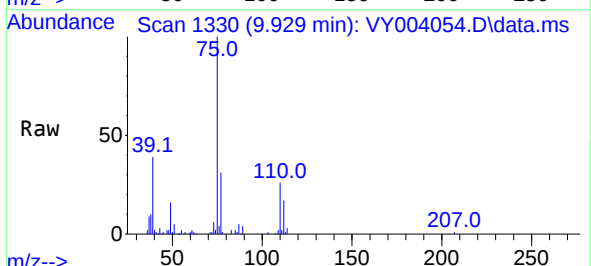
Manual Integrations
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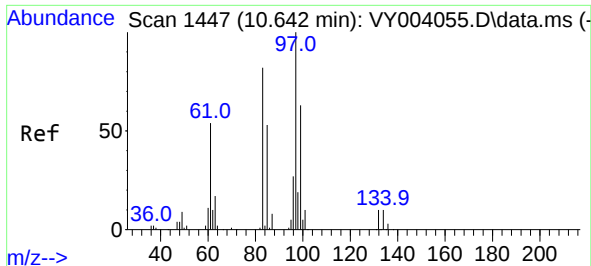
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 21.56 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

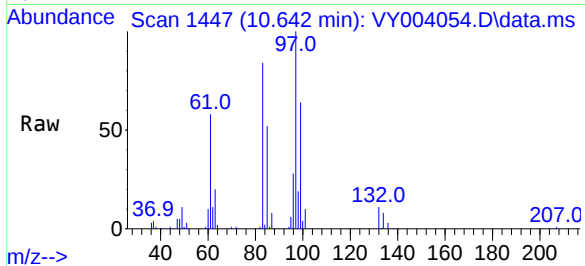
Tgt Ion: 75 Resp: 64380
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.4
39 39.4 40.4 60.6#





#55
1,1,2-Trichloroethane
Concen: 20.15 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

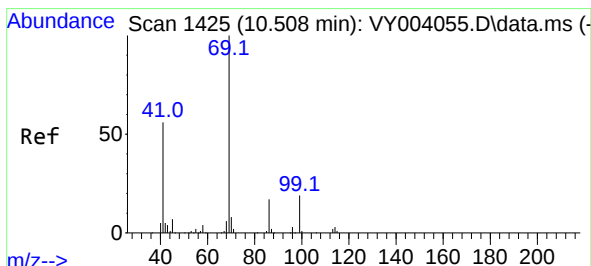
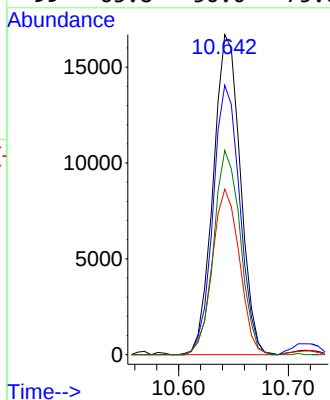
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



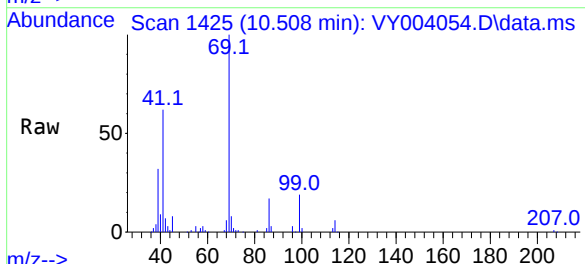
Tgt Ion:	97	Resp:	28728
Ion	Ratio	Lower	Upper
97	100		
83	84.2	69.4	104.0
85	51.7	43.4	65.0
99	63.8	50.0	75.0

Manual Integrations
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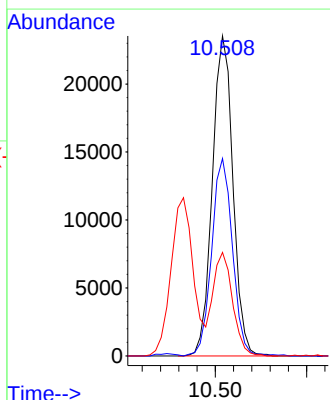
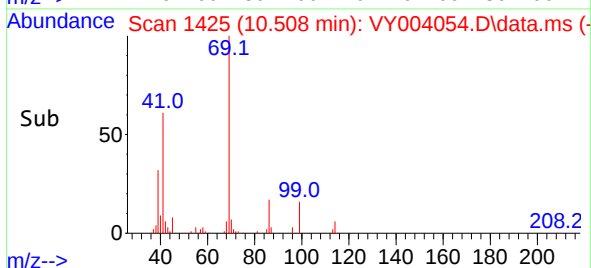
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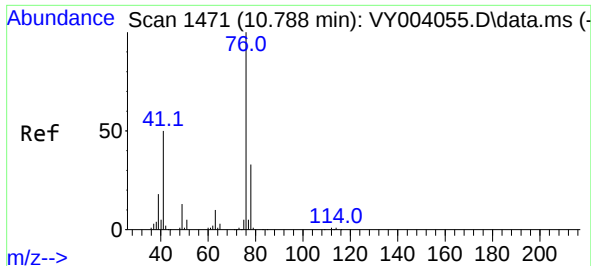


#56
Ethyl methacrylate
Concen: 18.49 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion:	69	Resp:	36779
Ion	Ratio	Lower	Upper
69	100		
41	62.5	57.2	85.8
39	30.6	27.8	41.6





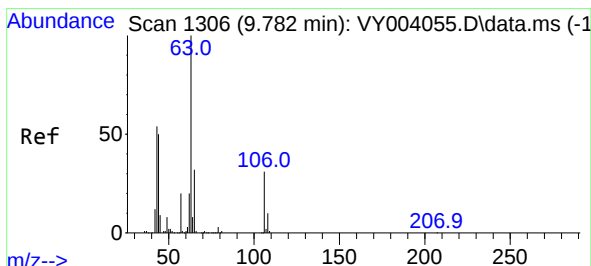
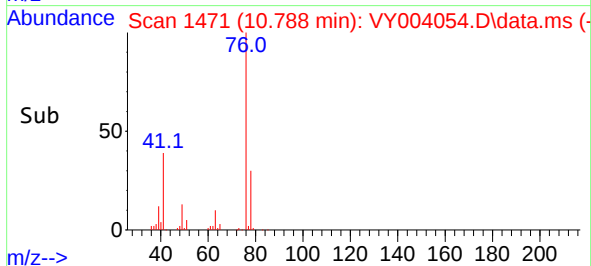
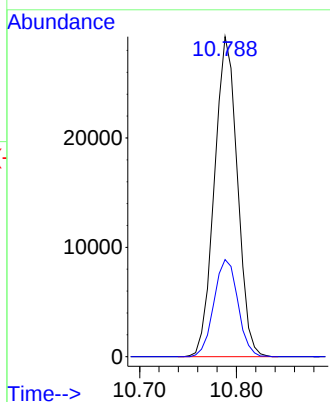
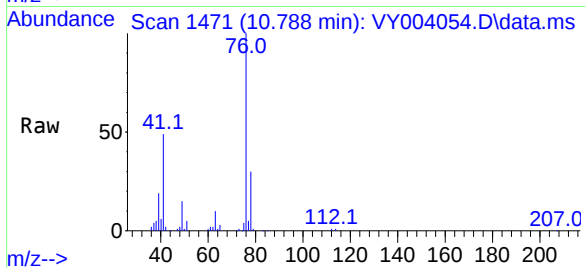
#57
1,3-Dichloropropane
Concen: 19.34 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 76 Resp: 48196
Ion Ratio Lower Upper
76 100
78 31.6 25.5 38.3

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

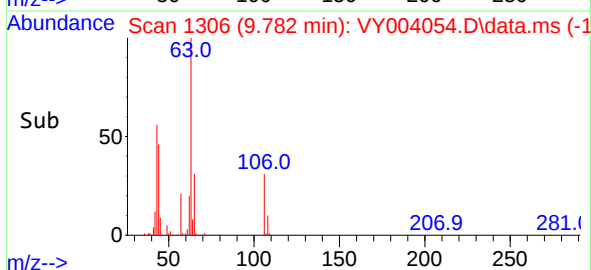
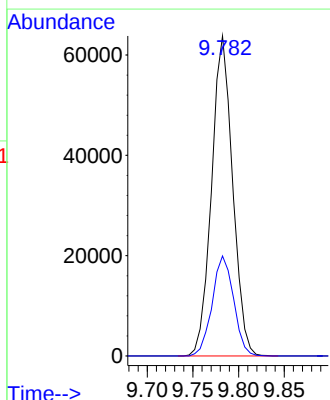
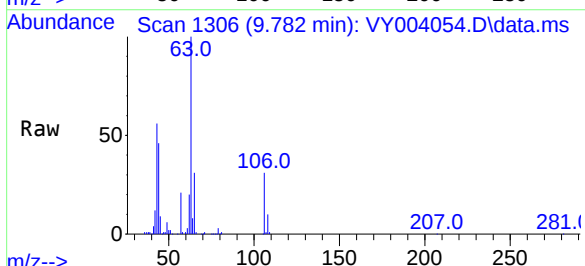
Manual Integrations
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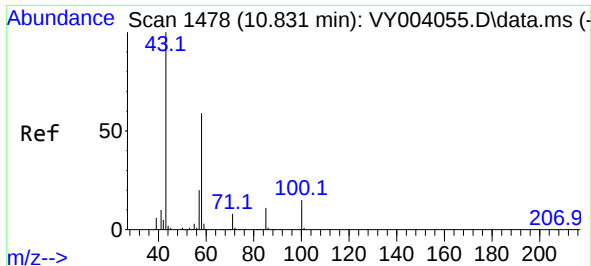
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#58
2-Chloroethyl Vinyl ether
Concen: 114.21 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

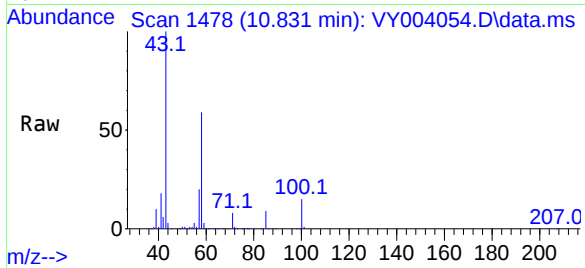
Tgt Ion: 63 Resp: 102077
Ion Ratio Lower Upper
63 100
106 31.8 22.1 33.1





#59
2-Hexanone
Concen: 82.88 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

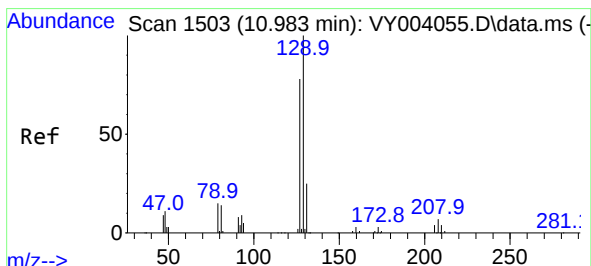
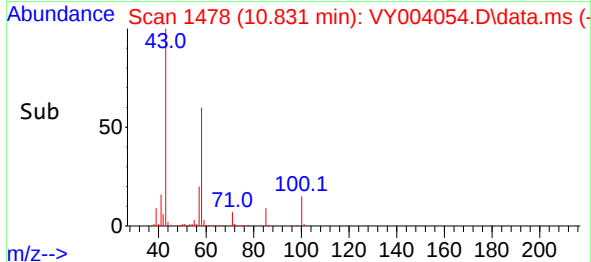
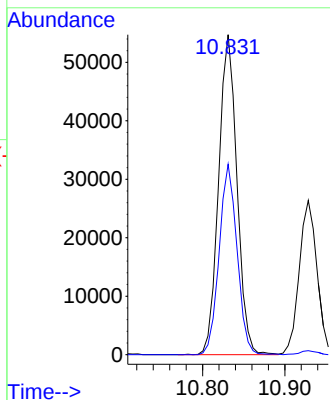
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



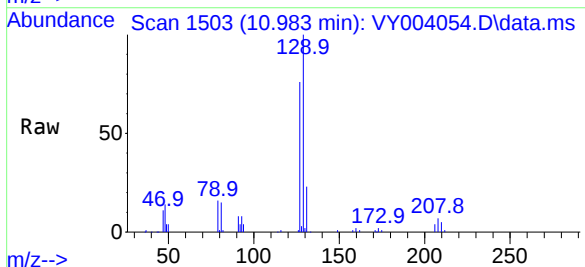
Tgt Ion: 43 Resp: 84658
Ion Ratio Lower Upper
43 100
58 58.1 26.5 79.4

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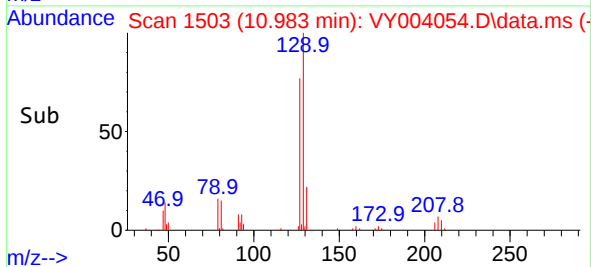
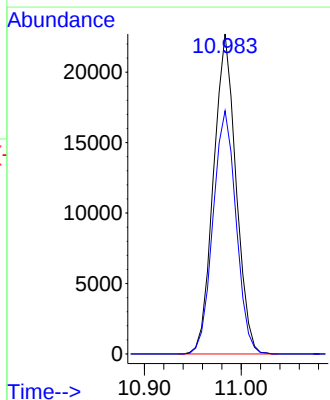
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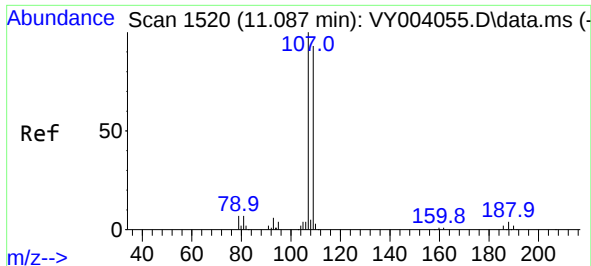


#60
Dibromochloromethane
Concen: 20.36 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



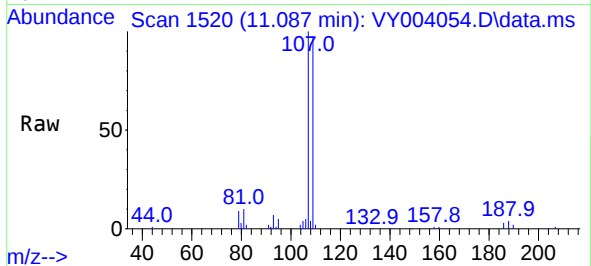
Tgt Ion: 129 Resp: 36664
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0





#61
1,2-Dibromoethane
Concen: 20.30 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

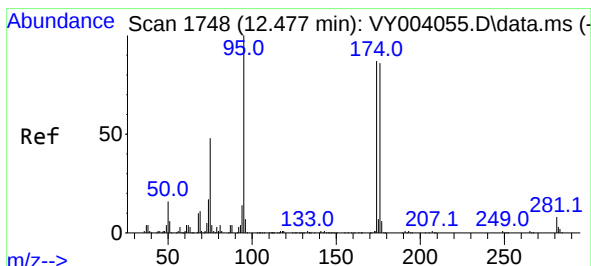
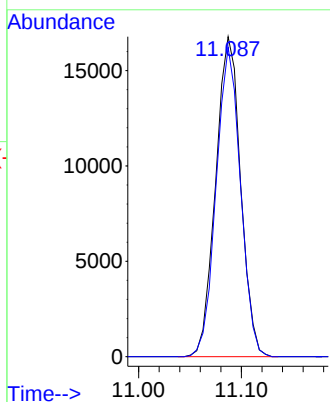
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



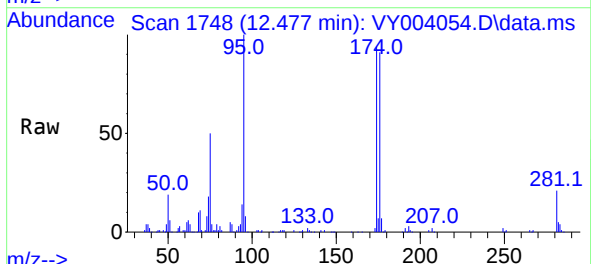
Tgt Ion:107 Resp: 28244
Ion Ratio Lower Upper
107 100
109 94.2 76.7 115.1

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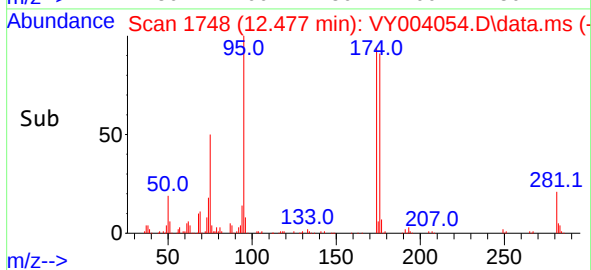
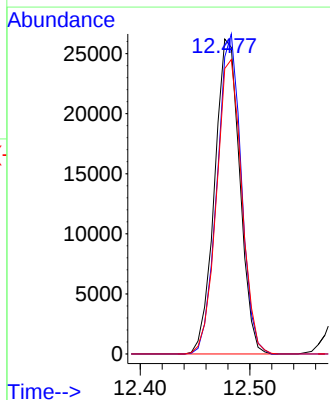
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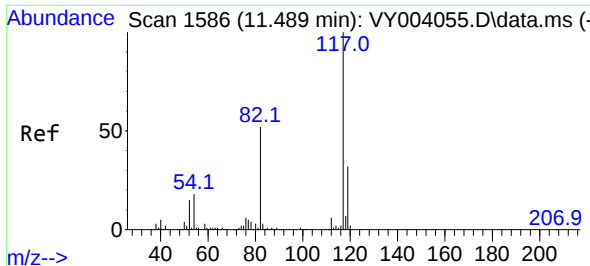


#62
4-Bromofluorobenzene
Concen: 19.30 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



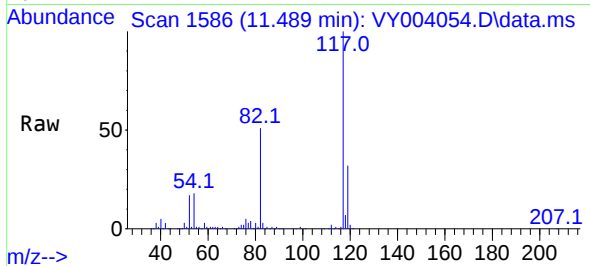
Tgt Ion: 95 Resp: 41829
Ion Ratio Lower Upper
95 100
174 97.3 0.0 179.0
176 93.5 0.0 174.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

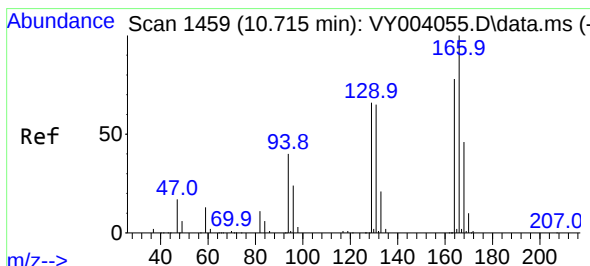
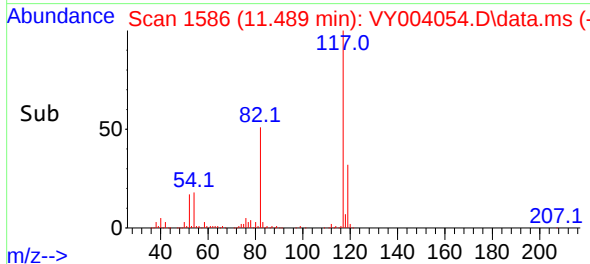
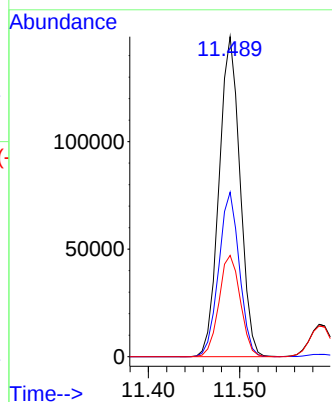
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 236772
Ion Ratio Lower Upper
117 100
82 51.4 43.8 65.6
119 31.7 26.2 39.2

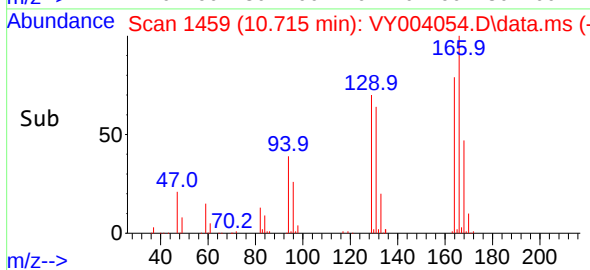
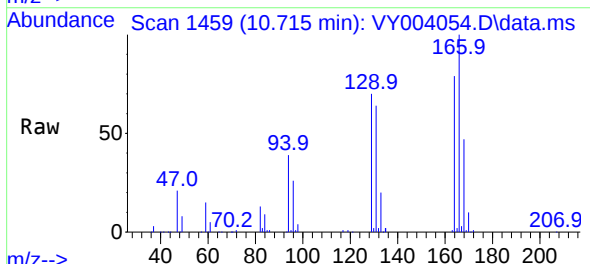
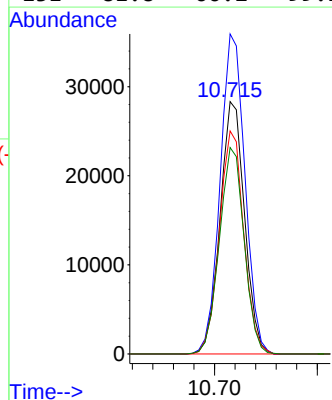
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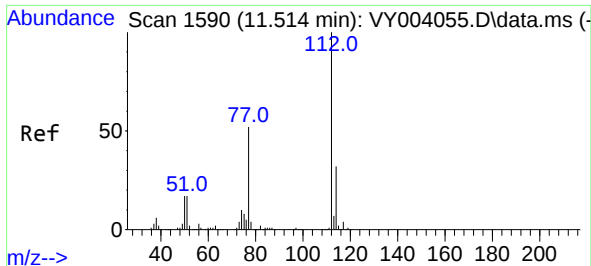
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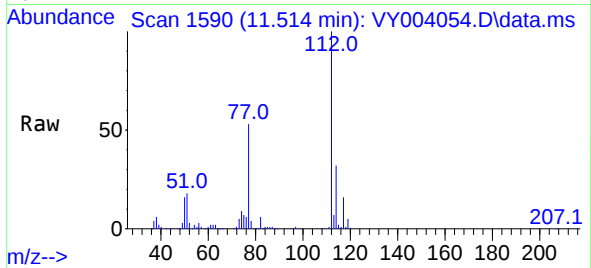
#64
Tetrachloroethene
Concen: 21.23 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:164 Resp: 46808
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 88.4 70.6 105.8
131 81.8 66.2 99.2

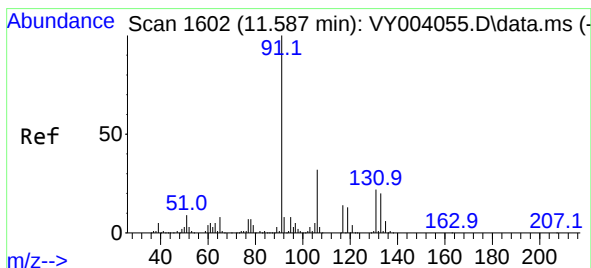
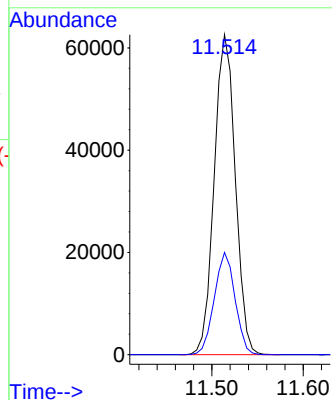
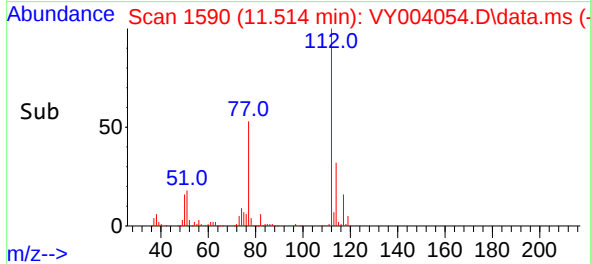




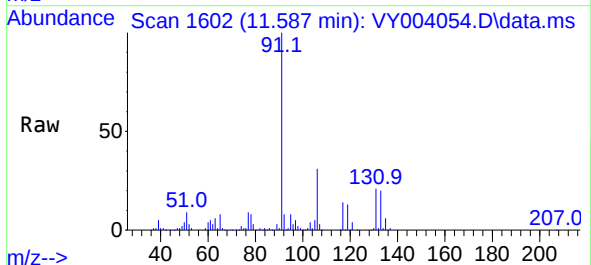
#65
Chlorobenzene
Concen: 21.17 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



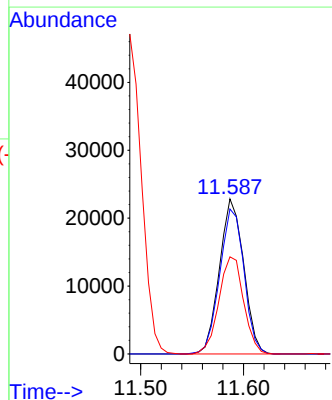
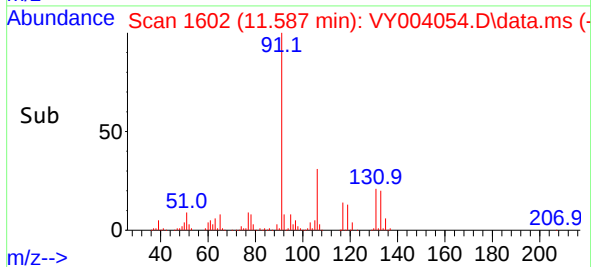
Tgt Ion:112 Resp: 100368
Ion Ratio Lower Upper
112 100
114 31.9 26.5 39.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.70 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



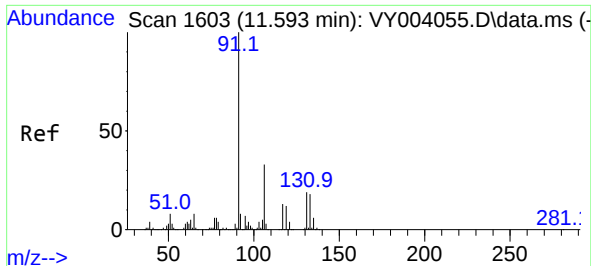
Tgt Ion:131 Resp: 37362
Ion Ratio Lower Upper
131 100
133 93.8 48.1 144.3
119 64.0 31.5 94.5



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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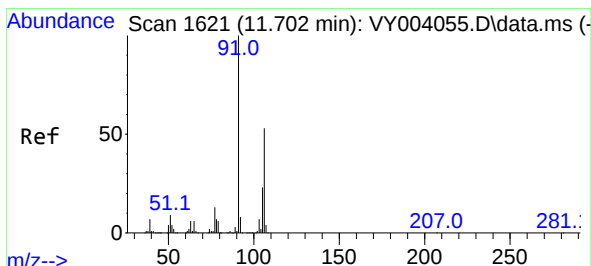
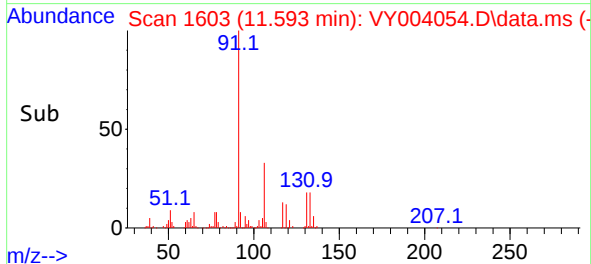
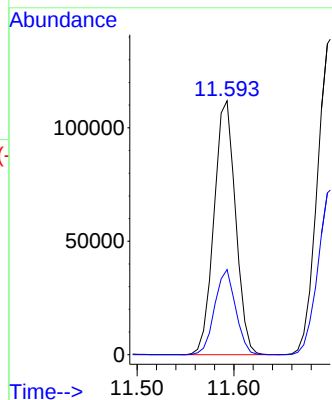
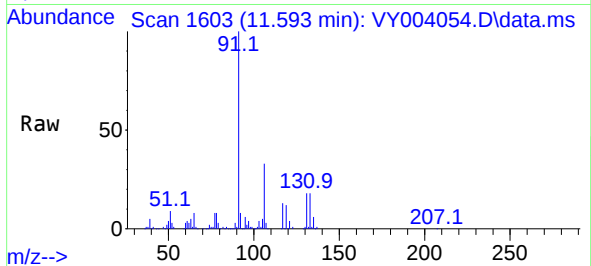
#67
Ethyl Benzene
Concen: 19.71 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 91 Resp: 173272
Ion Ratio Lower Upper
91 100
106 33.5 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

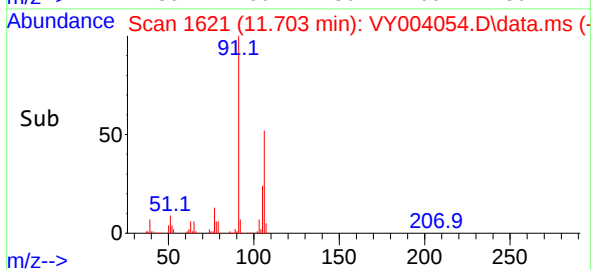
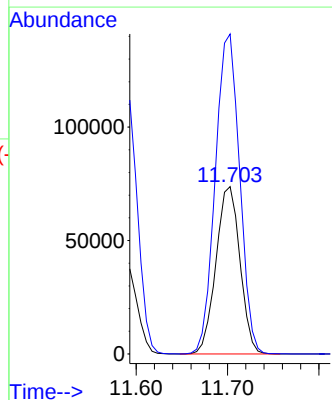
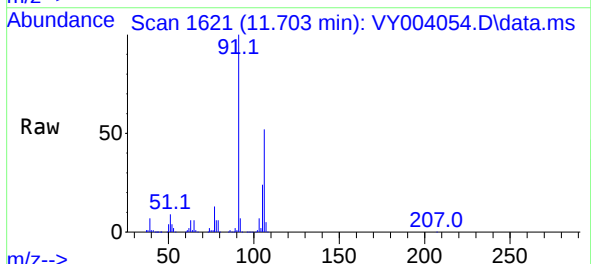
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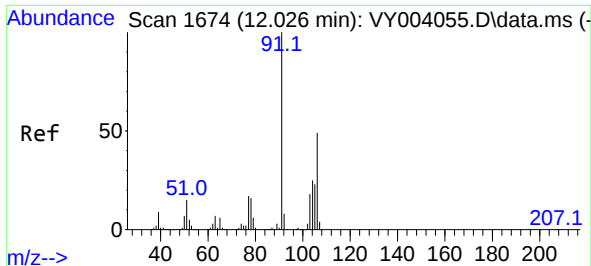
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#68
m/p-Xylenes
Concen: 41.16 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

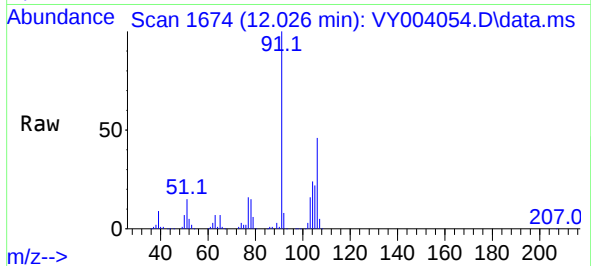
Tgt Ion:106 Resp: 134685
Ion Ratio Lower Upper
106 100
91 194.0 165.4 248.0





#69
o-Xylene
Concen: 19.95 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

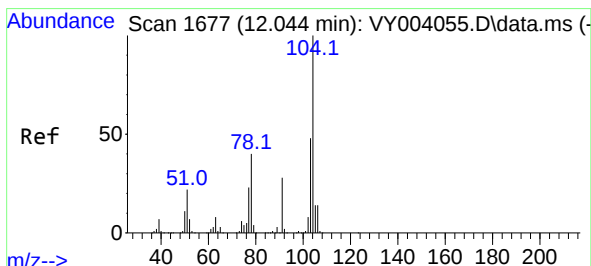
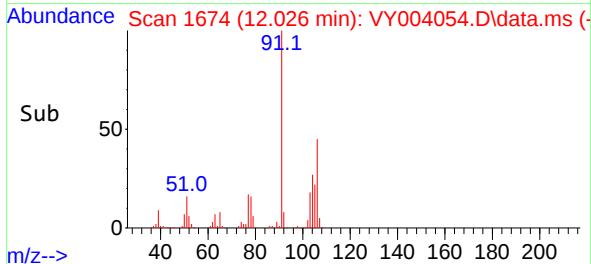
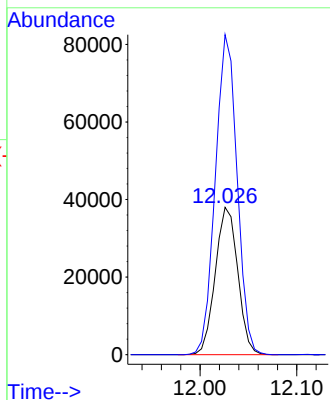
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:106 Resp: 61263
Ion Ratio Lower Upper
106 100
91 210.4 108.9 326.7

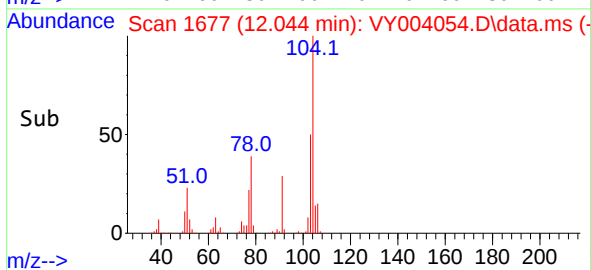
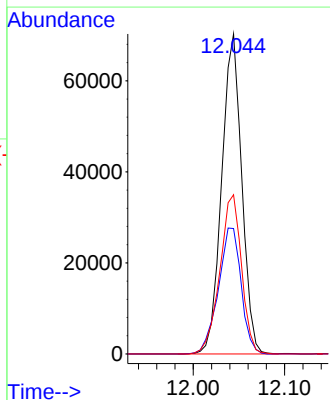
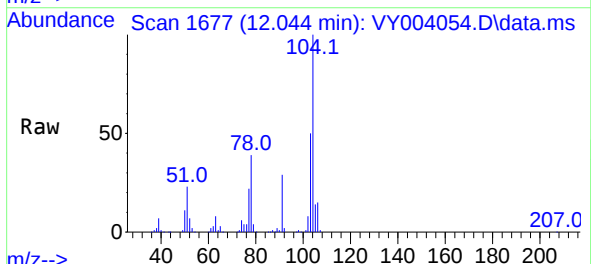
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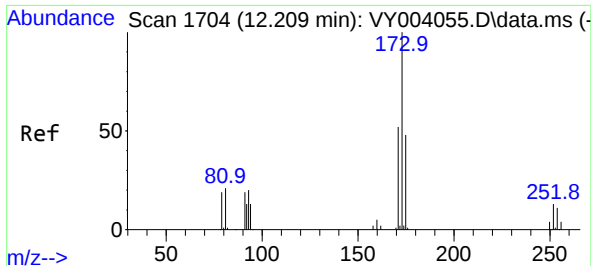
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#70
Styrene
Concen: 20.39 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:104 Resp: 107385
Ion Ratio Lower Upper
104 100
78 44.7 41.1 61.7
103 53.7 43.9 65.9





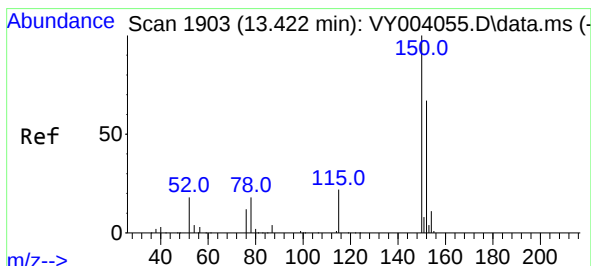
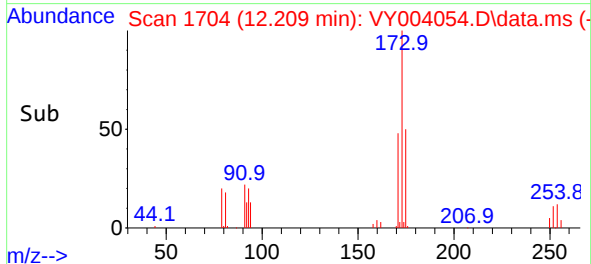
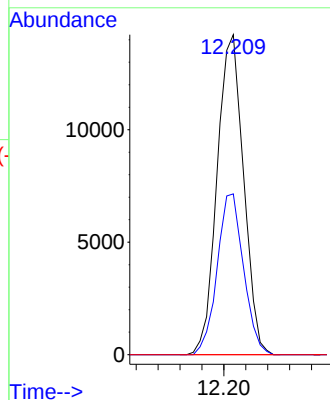
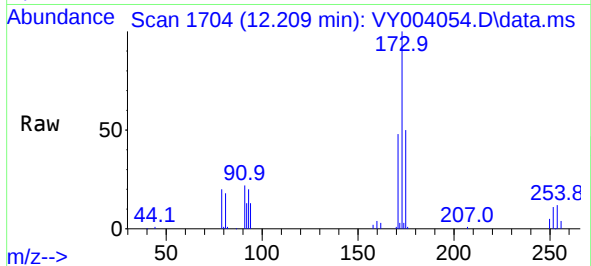
#71
Bromoform
Concen: 20.65 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:173 Resp: 23840
Ion Ratio Lower Upper
173 100
175 50.1 24.1 72.4
254 0.0 0.1 0.1#

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

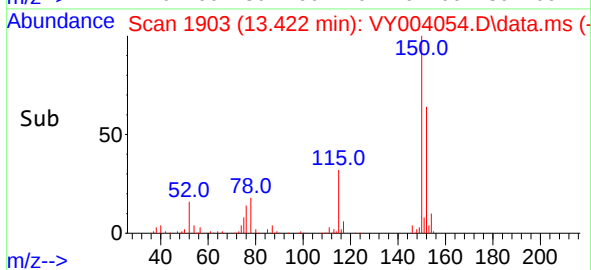
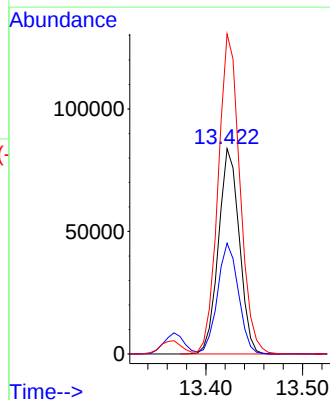
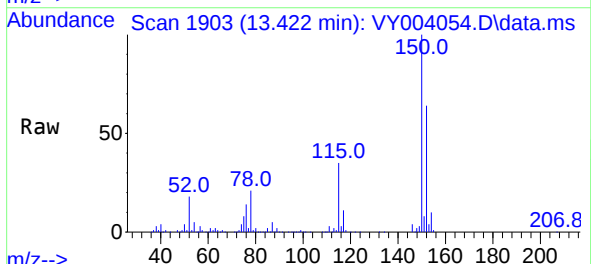
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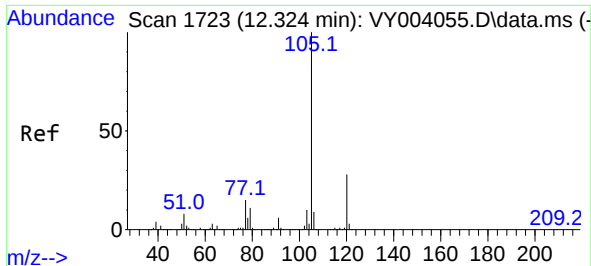
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

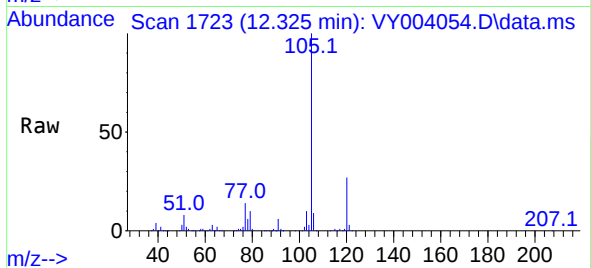
Tgt Ion:152 Resp: 125050
Ion Ratio Lower Upper
152 100
115 54.1 28.2 84.6
150 162.9 0.0 347.2





#73
Isopropylbenzene
Concen: 19.14 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

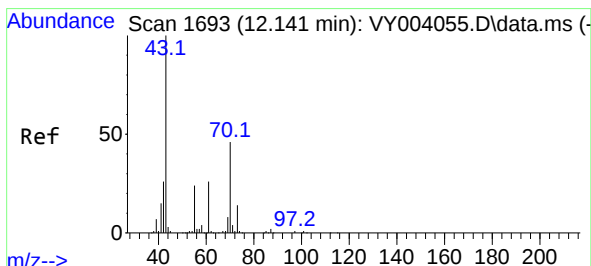
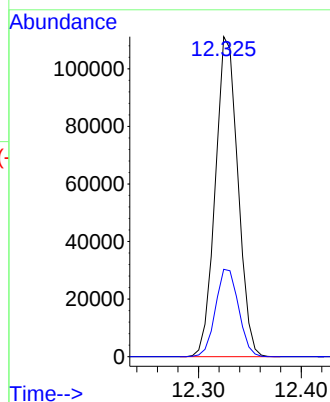
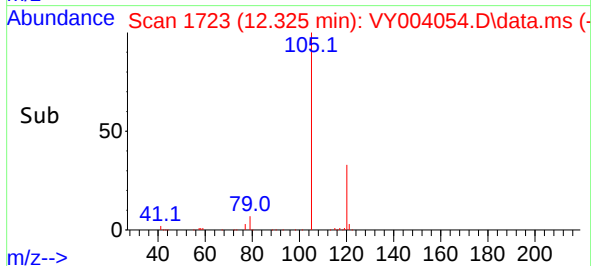
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



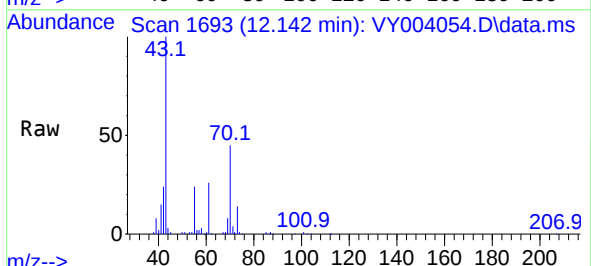
Tgt Ion:105 Resp: 169379
Ion Ratio Lower Upper
105 100
120 27.9 13.3 39.9

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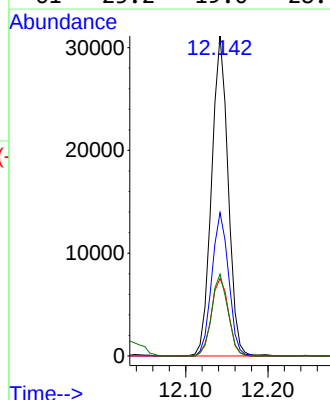
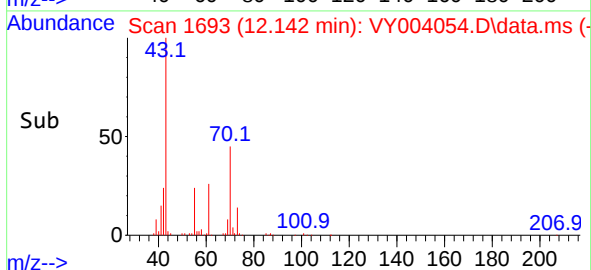
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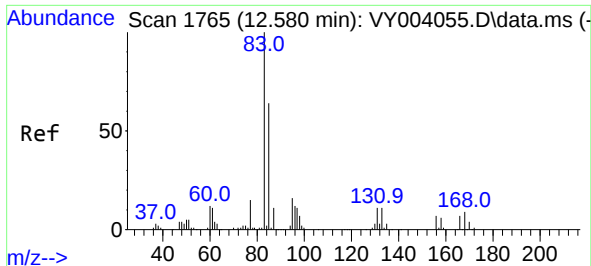


#74
N-ethyl acetate
Concen: 16.77 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



Tgt Ion: 43 Resp: 43368
Ion Ratio Lower Upper
43 100
70 45.5 32.3 48.5
55 24.9 18.4 27.6
61 25.2 19.0 28.4





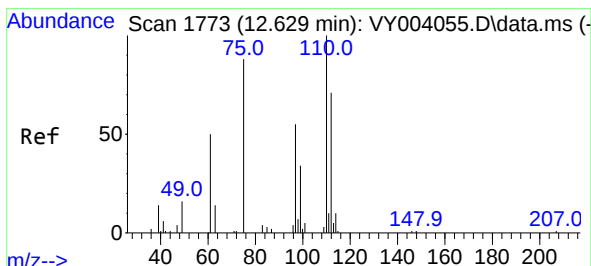
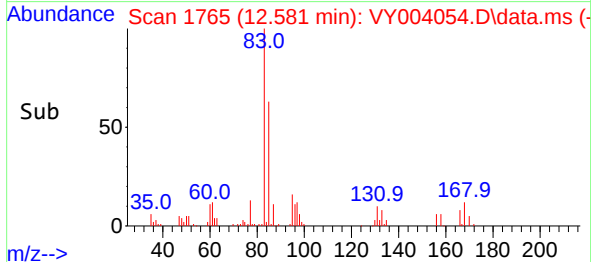
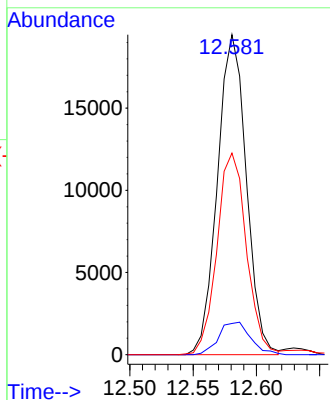
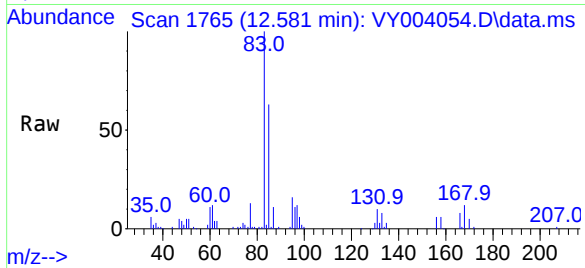
#75
1,1,2,2-Tetrachloroethane
Concen: 19.26 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 83 Resp: 30926
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.4
85 64.4 31.6 95.0

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

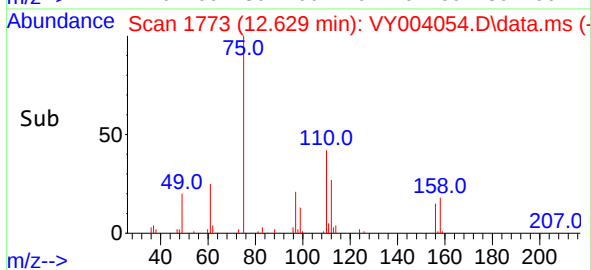
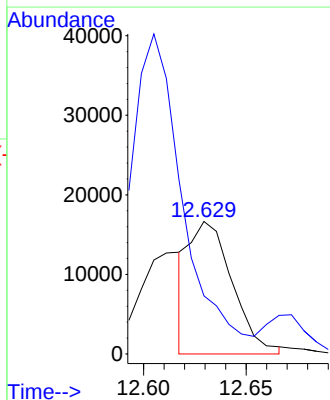
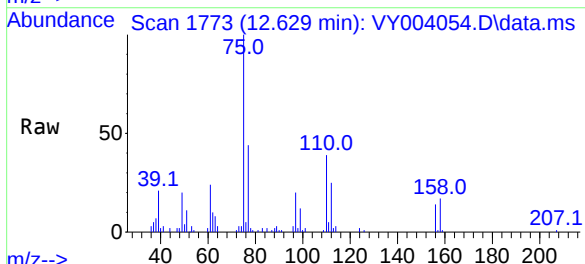
Manual Integrations
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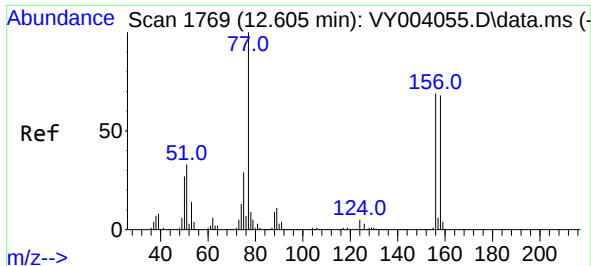
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#76
1,2,3-Trichloropropane
Concen: 19.54 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 75 Resp: 24285
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





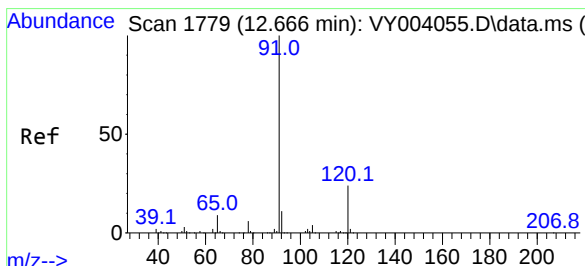
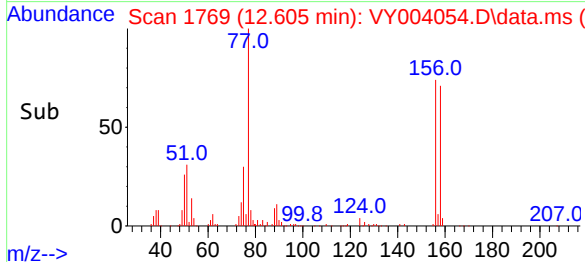
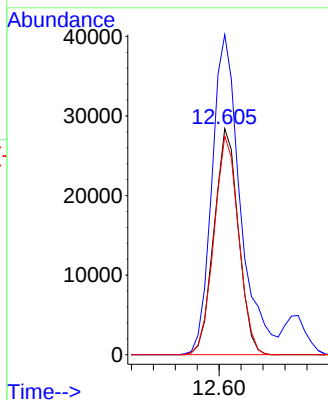
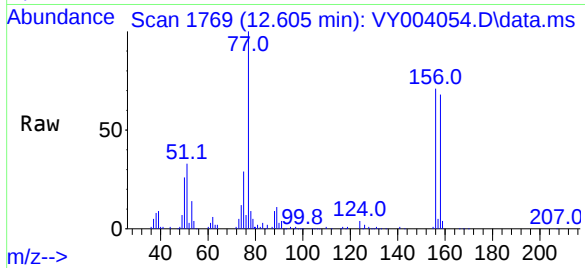
#77
Bromobenzene
Concen: 20.08 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 156 Resp: 43822
Ion Ratio Lower Upper
156 100
77 165.1 90.5 271.3
158 98.0 48.9 146.6

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

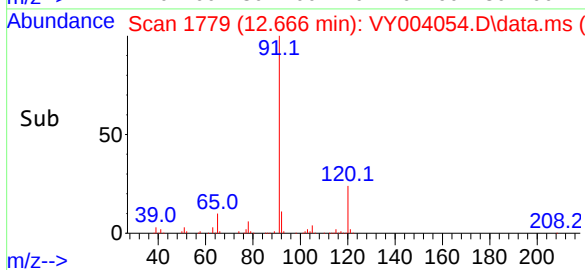
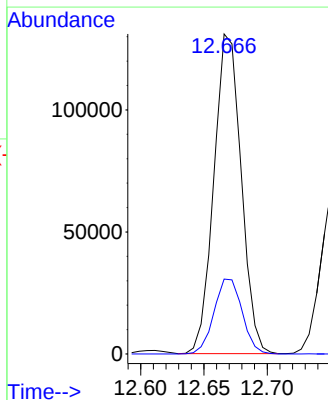
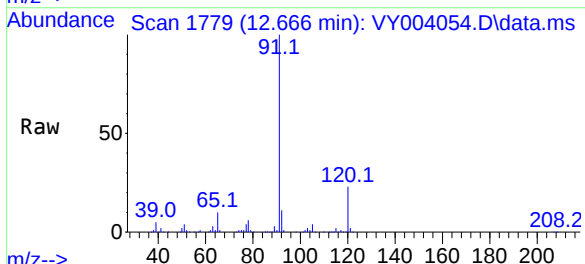
Manual Integrations
APPROVED

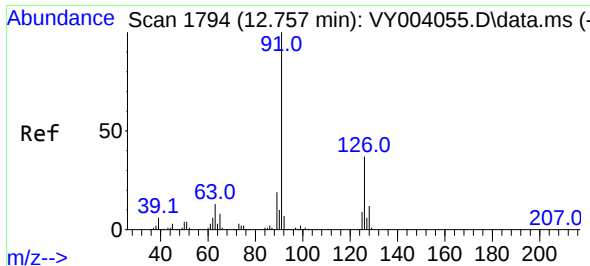
MMDadoda
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#78
n-propylbenzene
Concen: 18.66 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

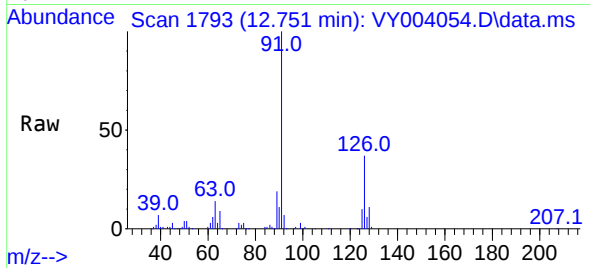
Tgt Ion: 91 Resp: 196693
Ion Ratio Lower Upper
91 100
120 24.1 11.3 33.9





#79
2-Chlorotoluene
Concen: 18.47 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

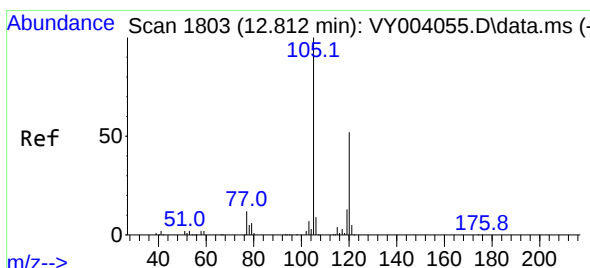
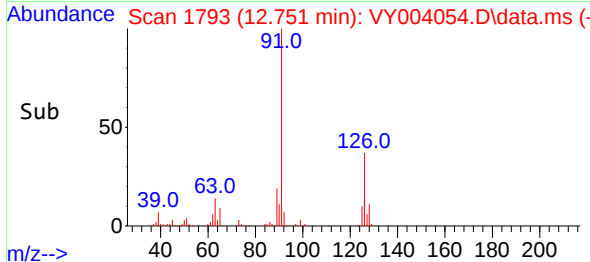
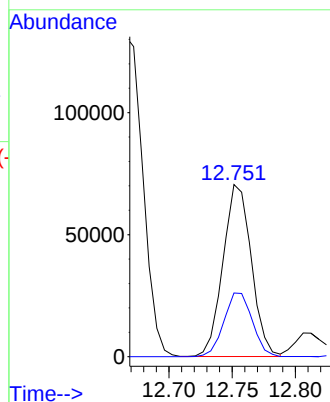
Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020



Tgt Ion: 91 Resp: 109992
Ion Ratio Lower Upper
91 100
126 37.2 17.0 51.0

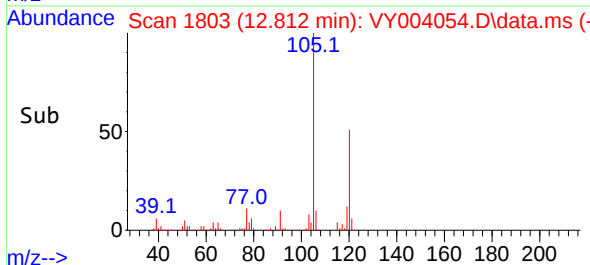
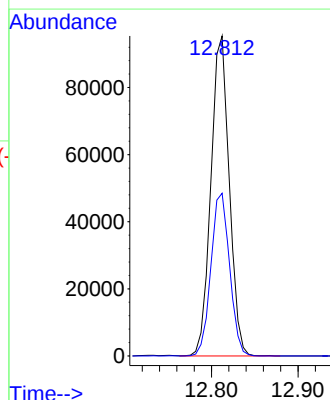
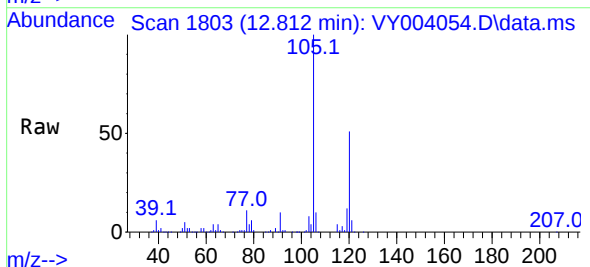
Manual Integrations
APPROVED

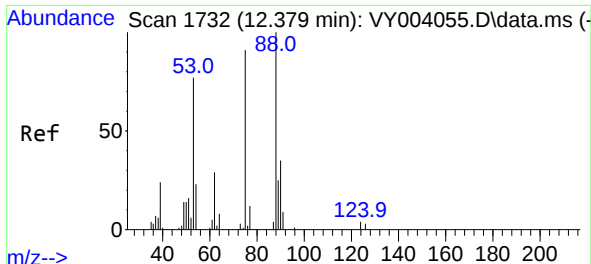
MMDadoda
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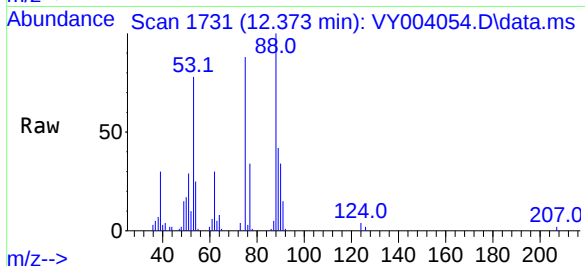
#80
1,3,5-Trimethylbenzene
Concen: 18.70 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 105 Resp: 140363
Ion Ratio Lower Upper
105 100
120 51.7 24.1 72.2

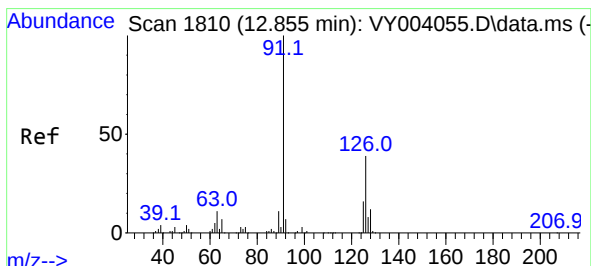
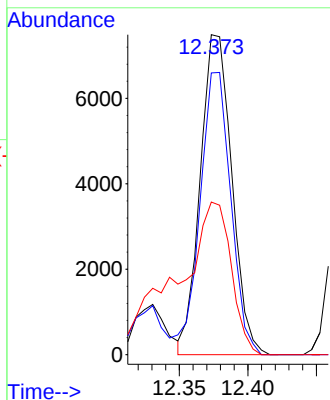
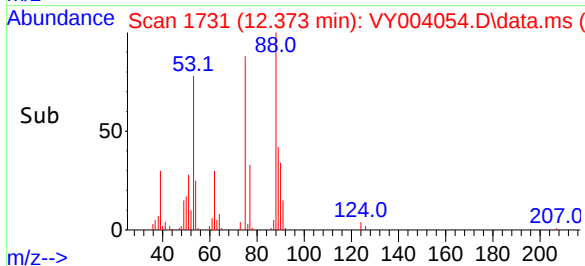




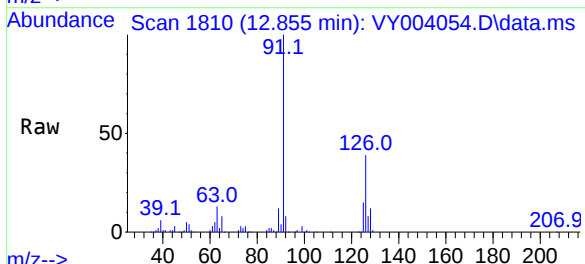
#81
trans-1,4-Dichloro-2-butene
Concen: 18.15 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



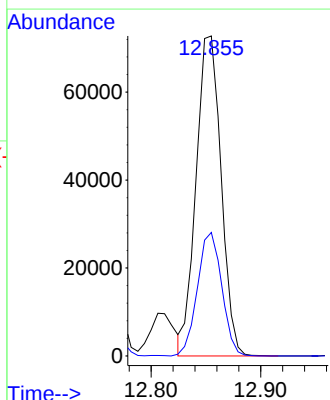
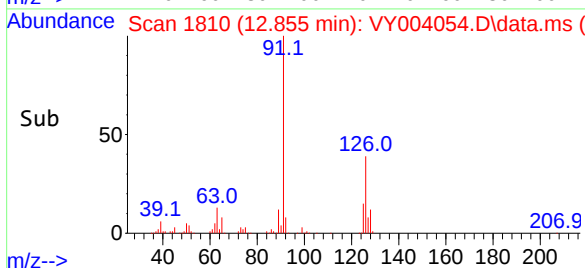
Tgt Ion: 75 Resp: 12010
Ion Ratio Lower Upper
75 100
53 86.6 73.5 110.3
89 84.3 35.7 53.5#



#82
4-Chlorotoluene
Concen: 18.46 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



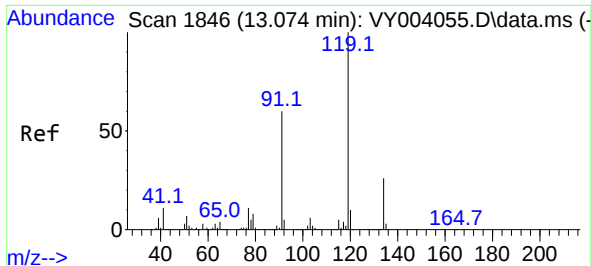
Tgt Ion: 91 Resp: 115497
Ion Ratio Lower Upper
91 100
126 37.6 16.8 50.4



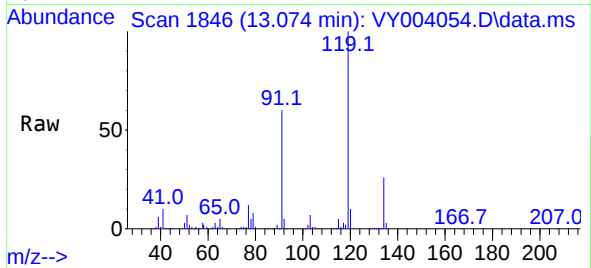
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

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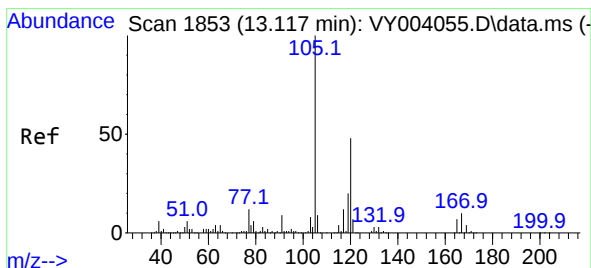
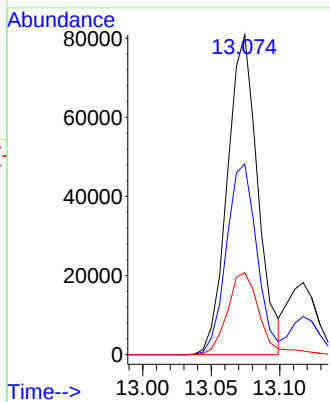
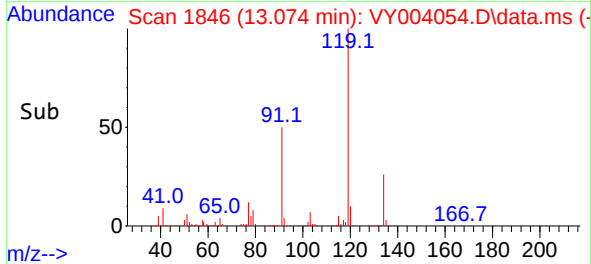
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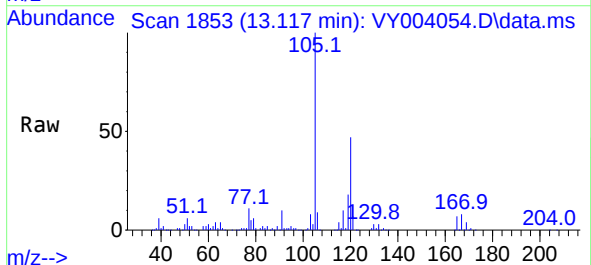
#83
tert-Butylbenzene
Concen: 19.36 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



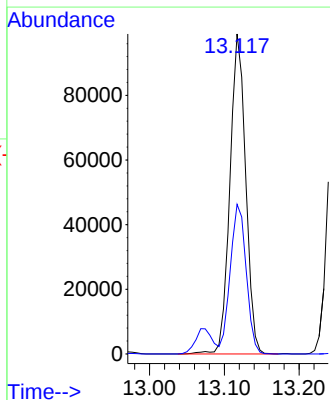
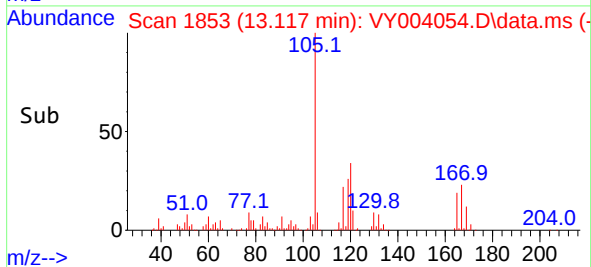
Tgt Ion:119 Resp: 125134
Ion Ratio Lower Upper
119 100
91 59.7 33.0 99.0
134 27.1 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 19.25 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



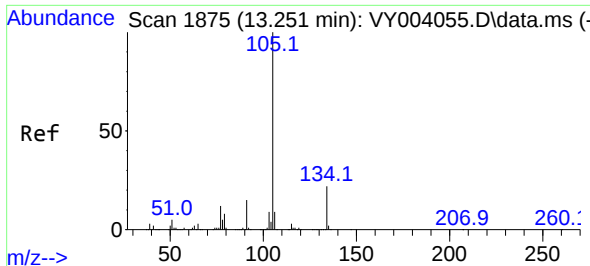
Tgt Ion:105 Resp: 144995
Ion Ratio Lower Upper
105 100
120 47.2 22.1 66.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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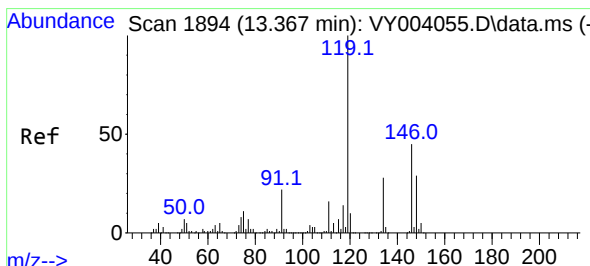
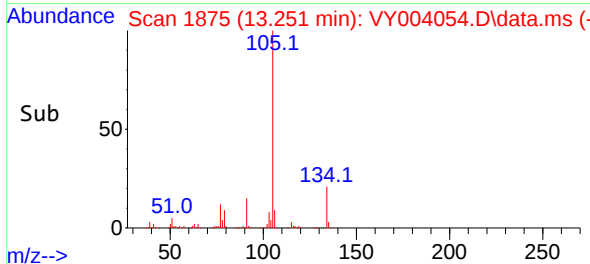
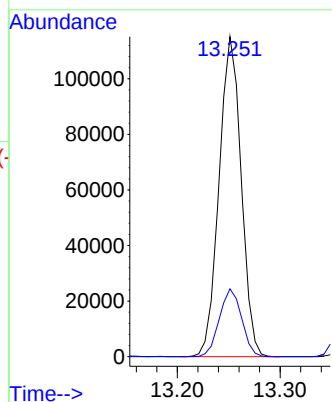
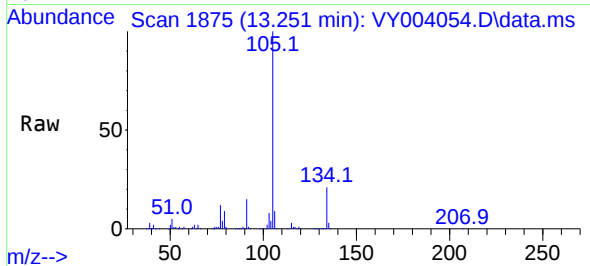
#85
sec-Butylbenzene
Concen: 19.41 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:105 Resp: 171768
Ion Ratio Lower Upper
105 100
134 21.3 10.2 30.4

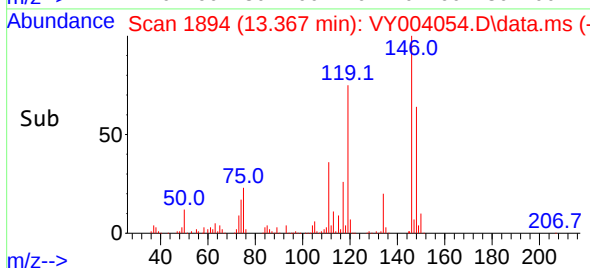
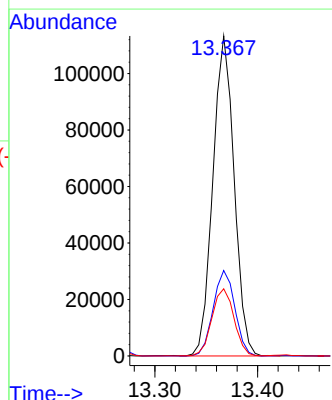
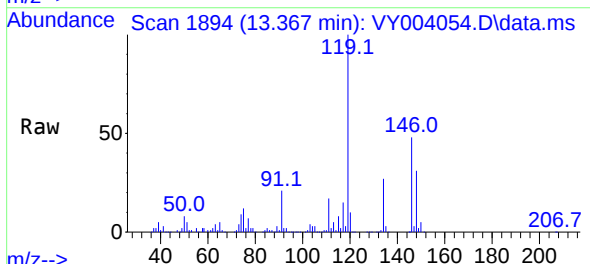
Manual Integrations
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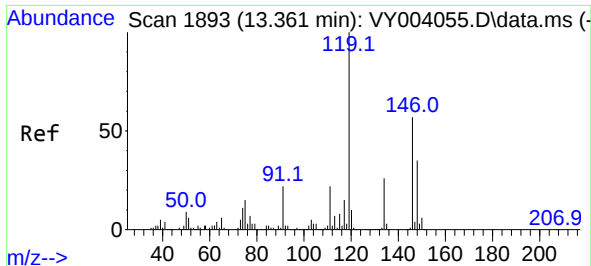
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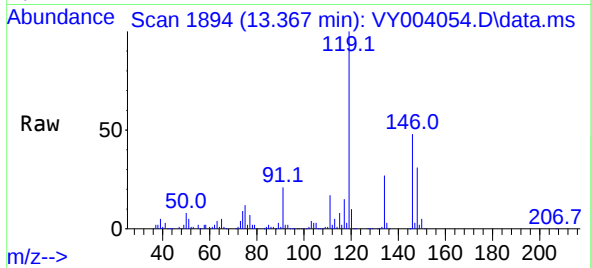
#86
p-Isopropyltoluene
Concen: 19.68 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:119 Resp: 162503
Ion Ratio Lower Upper
119 100
134 27.2 13.2 39.5
91 21.9 12.1 36.3

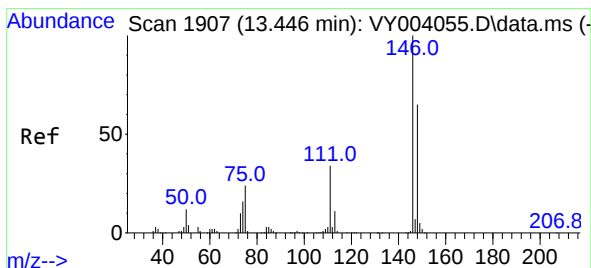
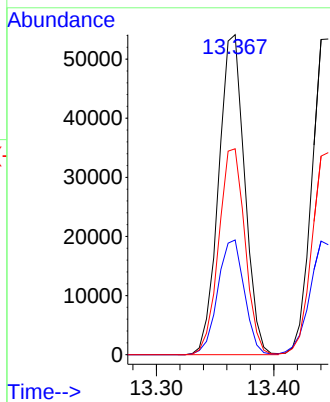
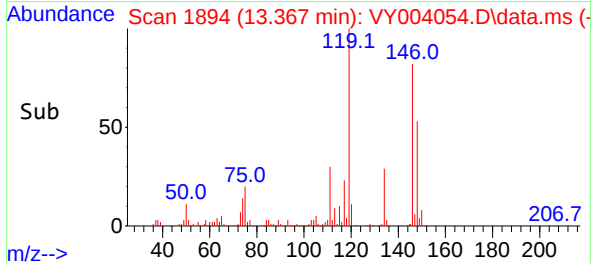




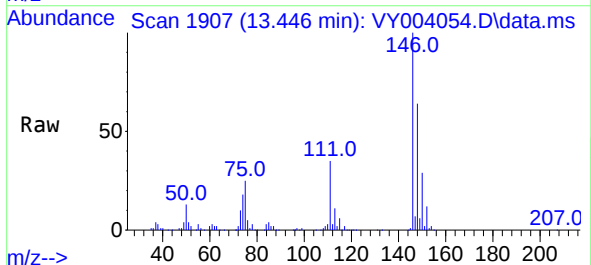
#87
1,3-Dichlorobenzene
Concen: 20.03 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



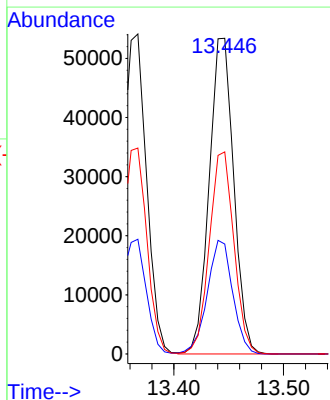
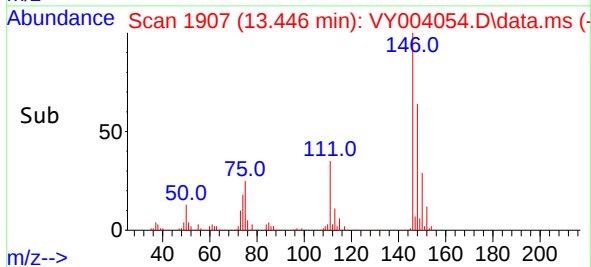
Tgt Ion:146 Resp: 83406
Ion Ratio Lower Upper
146 100
111 36.6 18.9 56.7
148 64.8 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 20.15 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



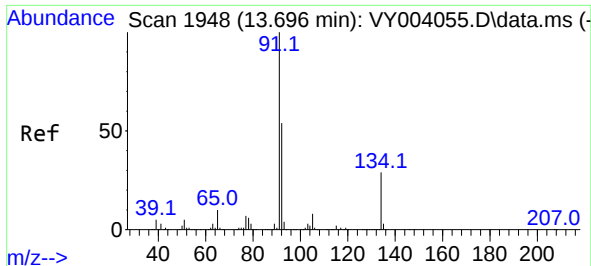
Tgt Ion:146 Resp: 83153
Ion Ratio Lower Upper
146 100
111 37.3 18.6 55.8
148 64.2 31.8 95.4



Instrument :
MSVOA_Y
ClientSampled :
VSTDIC020

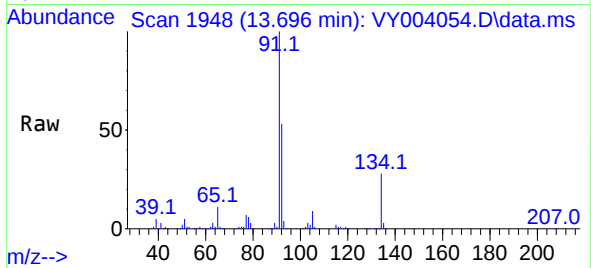
Manual Integrations
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#89
n-Butylbenzene
Concen: 19.44 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

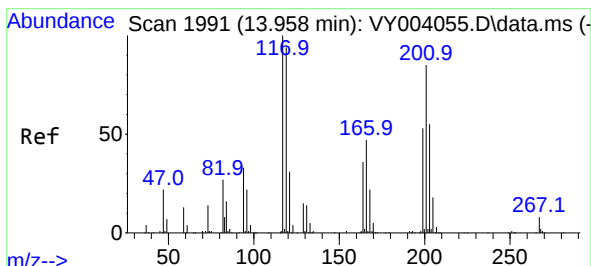
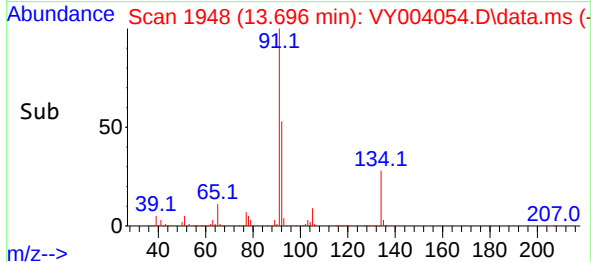
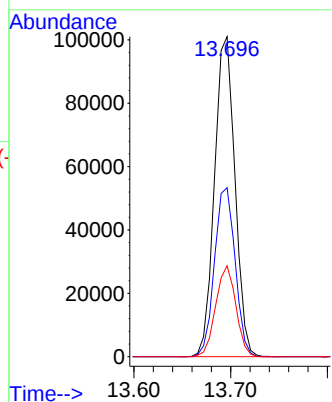
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 148164
Ion Ratio Lower Upper
91 100
92 53.4 26.5 79.4
134 28.0 13.2 39.5

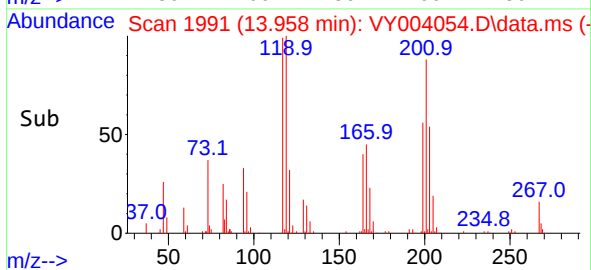
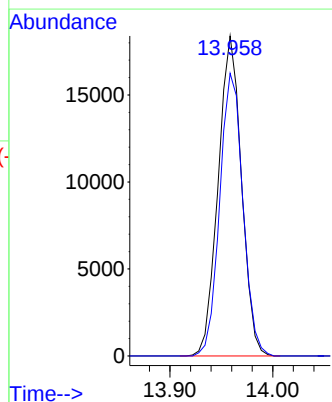
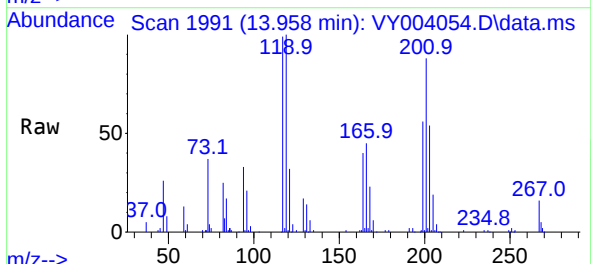
Manual Integrations
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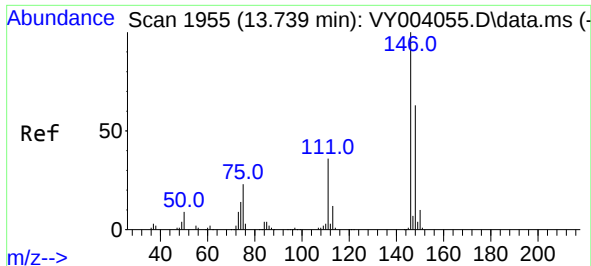
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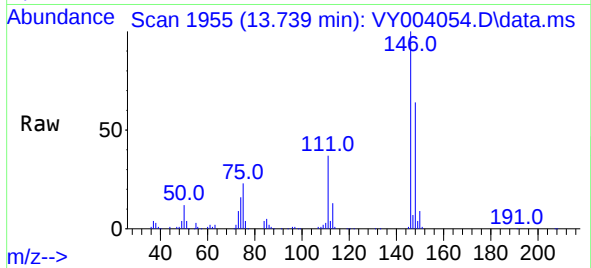
#90
Hexachloroethane
Concen: 19.53 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion: 117 Resp: 28937
Ion Ratio Lower Upper
117 100
201 87.7 46.0 138.0

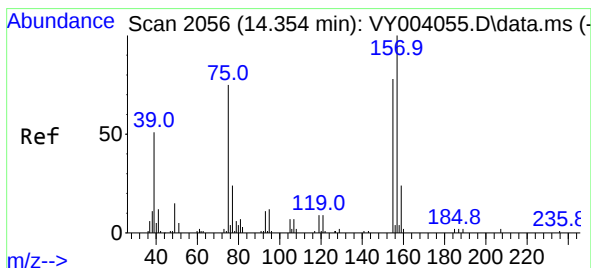
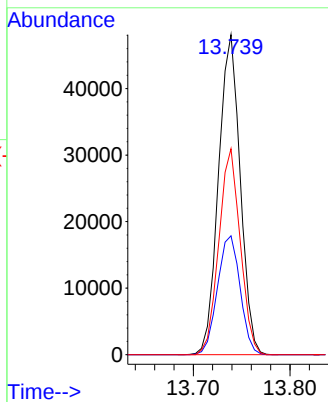
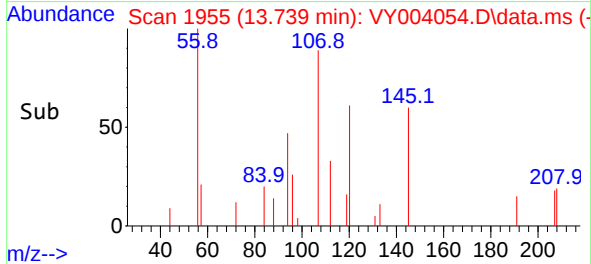




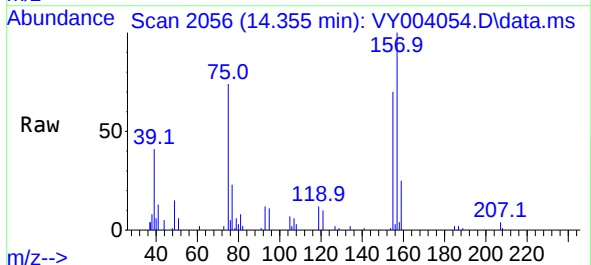
#91
1,2-Dichlorobenzene
Concen: 20.27 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



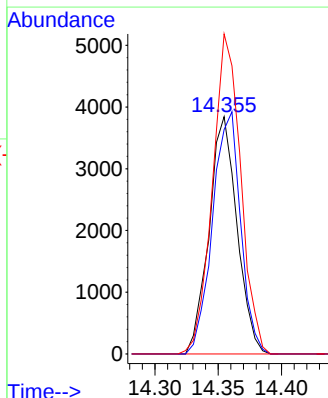
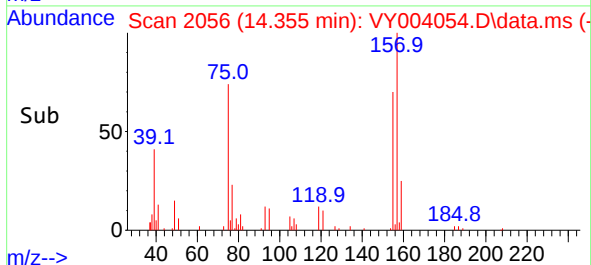
Tgt Ion:	146	Resp:	74769
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.6	58.8
148	63.5	31.9	95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.65 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23



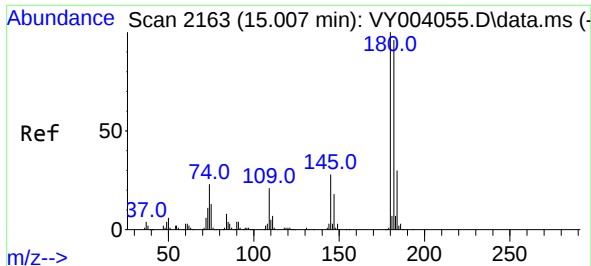
Tgt Ion:	75	Resp:	5901
Ion Ratio	Lower	Upper	
75	100		
155	102.1	42.8	128.4
157	136.1	52.4	157.3



Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
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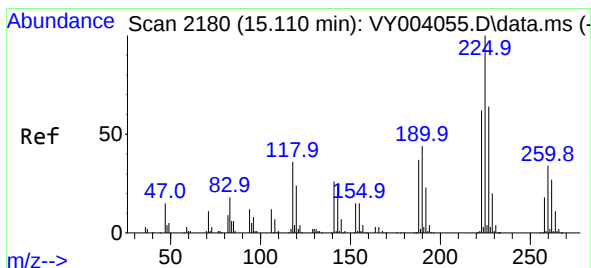
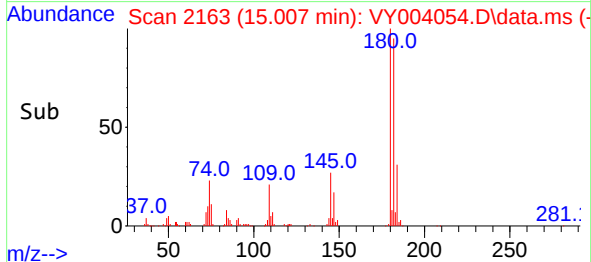
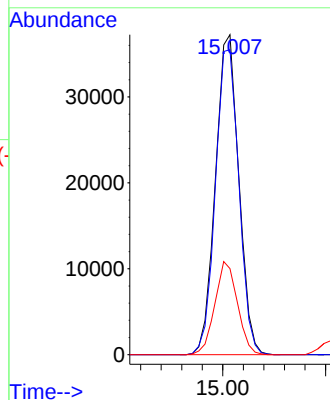
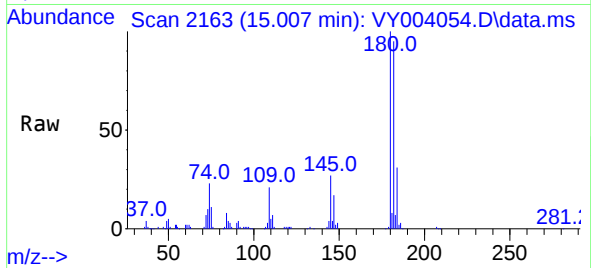
#93
1,2,4-Trichlorobenzene
Concen: 22.33 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:	180	Resp:	58745
Ion Ratio	Lower	Upper	
180	100		
182	95.9	48.0	144.0
145	28.2	14.1	42.2

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

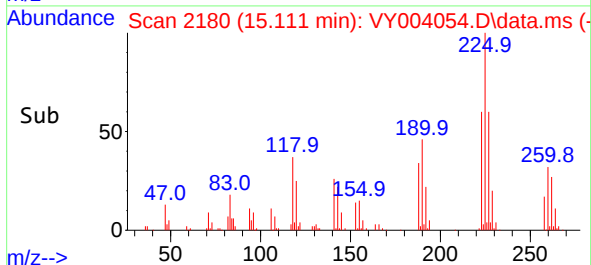
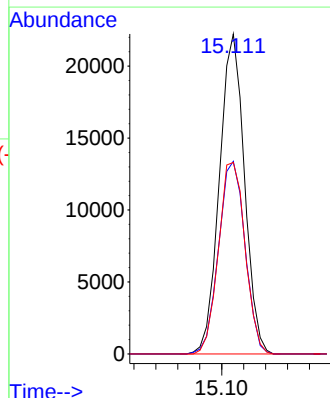
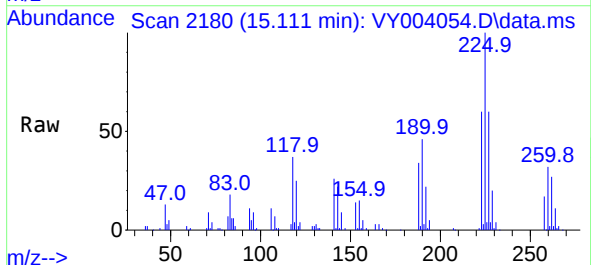
Manual Integrations
APPROVED

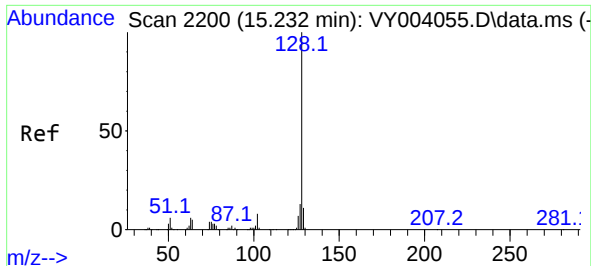
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#94
Hexachlorobutadiene
Concen: 21.34 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:	225	Resp:	35212
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.5	94.5
227	63.5	32.1	96.3





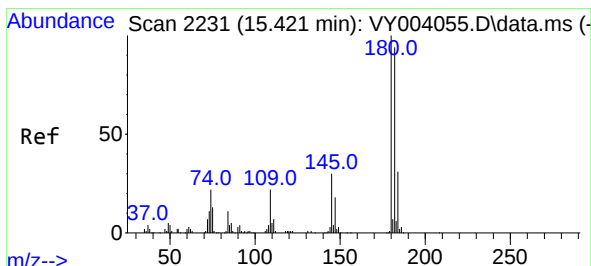
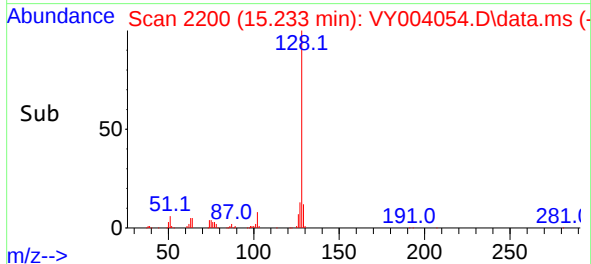
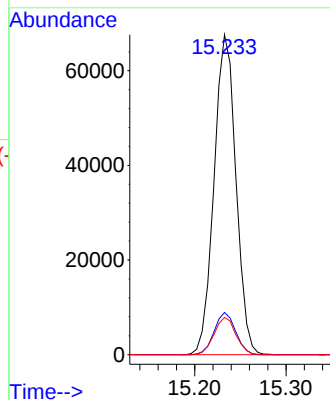
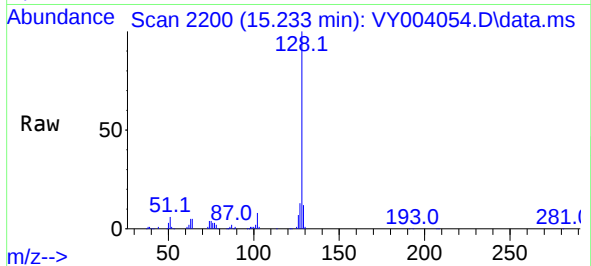
#95
Naphthalene
Concen: 23.35 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:128 Resp: 112468
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.6 8.7 13.1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
3/4/2021 2:04:53 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.50 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY004054.D
Acq: 03 Mar 2021 12:23

Tgt Ion:180 Resp: 50505
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.8
145 29.4 15.3 45.9

