

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100520\
 Data File : VY003459.D
 Acq On : 05 Oct 2020 17:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Manual Integrations
 APPROVED

MMDadoda
 10/6/2020 12:55:46 PM

Quant Time: Oct 06 04:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 06 04:23:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	560178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	805338	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	754717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	411708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	292237	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
35) Dibromofluoromethane	7.72	113	258009	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.18	98	1055061	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.48	95	370756	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	231561	53.186	ug/l	98
3) Chloromethane	2.12	50	319464	52.747	ug/l	99
4) Vinyl Chloride	2.25	62	356290	54.067	ug/l	98
5) Bromomethane	2.65	94	271981	48.085	ug/l	96
6) Chloroethane	2.80	64	203338	50.462	ug/l	99
7) Trichlorofluoromethane	3.13	101	406231	50.109	ug/l	100
8) Diethyl Ether	3.54	74	135476	50.376	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	227057	50.371	ug/l	99
10) Methyl Iodide	4.10	142	199574	61.761	ug/l	100
11) Tert butyl alcohol	4.96	59	119910	221.418	ug/l	98
12) 1,1-Dichloroethene	3.88	96	223041	50.175	ug/l	98
13) Acrolein	3.73	56	119772	228.115	ug/l	98
14) Allyl chloride	4.49	41	393289	49.465	ug/l	98
15) Acrylonitrile	5.17	53	309481	241.075	ug/l	97
16) Acetone	3.95	43	301282	219.959	ug/l	98
17) Carbon Disulfide	4.20	76	726269	49.984	ug/l	99
18) Methyl Acetate	4.48	43	150506	45.644	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	584105	49.667	ug/l	100
20) Methylene Chloride	4.72	84	268840	52.153	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	260711	50.021	ug/l	95
22) Diisopropyl ether	6.13	45	748505	50.192	ug/l	98
23) Vinyl Acetate	6.07	43	2699758	247.387	ug/l	100
24) 1,1-Dichloroethane	6.02	63	461144	50.029	ug/l	99
25) 2-Butanone	6.99	43	452342	229.390	ug/l	100
26) 2,2-Dichloropropane	6.99	77	404695	48.894	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	292522	50.335	ug/l	99
28) Bromochloromethane	7.34	49	235944	52.457	ug/l	98
29) Tetrahydrofuran	7.35	42	269873	232.717	ug/l	98
30) Chloroform	7.51	83	469568	50.222	ug/l	99
31) Cyclohexane	7.78	56	398609	48.635	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	423778	49.436	ug/l	99
36) 1,1-Dichloropropene	7.93	75	372386	49.305	ug/l	99
37) Ethyl Acetate	7.08	43	206454	46.260	ug/l	100
38) Carbon Tetrachloride	7.91	117	388638	49.073	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	423131	50.846	ug/l	98
40) Benzene	8.16	78	1048347	48.918	ug/l	99
41) Methacrylonitrile	7.32	41	92857m	40.810	ug/l	
42) 1,2-Dichloroethane	8.24	62	326918	47.796	ug/l	100
43) Isopropyl Acetate	8.27	43	391691	46.876	ug/l	100
44) Trichloroethene	8.94	130	306699	48.589	ug/l	98
45) 1,2-Dichloropropane	9.22	63	271720	49.749	ug/l	98
46) Dibromomethane	9.31	93	146283	47.365	ug/l	99
47) Bromodichloromethane	9.50	83	368055	48.611	ug/l	98
48) Methyl methacrylate	9.29	41	187258	47.329	ug/l	98
49) 1,4-Dioxane	9.30	88	33055	906.600	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	1033258	232.289	ug/l	98
52) Toluene	10.24	92	677258	49.037	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	397535	49.092	ug/l	96
54) cis-1,3-Dichloropropene	9.92	75	442915	49.054	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	211801	47.964	ug/l	100
56) Ethyl methacrylate	10.51	69	289855	48.789	ug/l	98
57) 1,3-Dichloropropane	10.79	76	369345	48.229	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	748022	240.315	ug/l	99
59) 2-Hexanone	10.83	43	719364	230.228	ug/l	99
60) Dibromochloromethane	10.99	129	268592	48.051	ug/l	100
61) 1,2-Dibromoethane	11.09	107	202117	47.580	ug/l	99
64) Tetrachloroethene	10.72	164	328748	48.333	ug/l	98
65) Chlorobenzene	11.52	112	741478	49.172	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	283715	49.402	ug/l	99
67) Ethyl Benzene	11.59	91	1345329	49.818	ug/l	100
68) m/p-Xylenes	11.70	106	1024036	99.409	ug/l	100
69) o-Xylene	12.03	106	484867	50.126	ug/l	99
70) Styrene	12.04	104	832443	50.486	ug/l	99
71) Bromoform	12.20	173	183730	47.979	ug/l #	98
73) Isopropylbenzene	12.33	105	1332059	51.682	ug/l	99
74) N-amyl acetate	12.14	43	368378	49.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	241474	48.557	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	170712m	47.952	ug/l	
77) Bromobenzene	12.61	156	339899	49.574	ug/l	99
78) n-propylbenzene	12.67	91	1575747	51.429	ug/l	100
79) 2-Chlorotoluene	12.75	91	876375	50.852	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1148612	51.948	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	89049	47.631	ug/l	99
82) 4-Chlorotoluene	12.85	91	918097	50.244	ug/l	99
83) tert-Butylbenzene	13.07	119	981989	51.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	1152029	51.595	ug/l	99
85) sec-Butylbenzene	13.25	105	1370862	51.704	ug/l	100
86) p-Isopropyltoluene	13.37	119	1297626	51.364	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	655577	49.950	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	647506	49.632	ug/l	99
89) n-Butylbenzene	13.69	91	1185574	51.509	ug/l	99
90) Hexachloroethane	13.95	117	204070	51.597	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	583220	49.862	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	43740	46.410	ug/l	99

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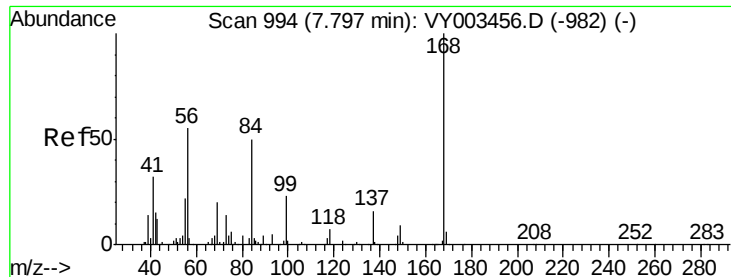
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	433801	49.976	ug/l	99
94) Hexachlorobutadiene	15.11	225	282021	49.596	ug/l	99
95) Naphthalene	15.23	128	774517	50.781	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	375262	49.901	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100520

Tot Ion:168 Resp: 560178

Ion Ratio Lower Upper

168 100

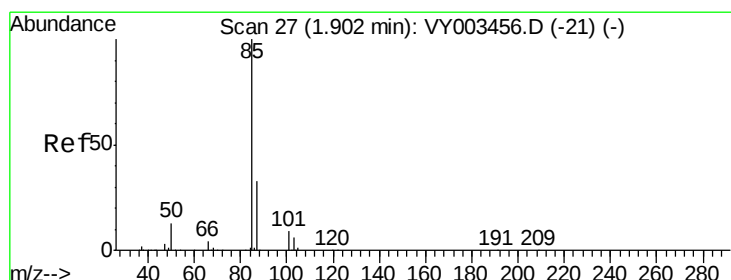
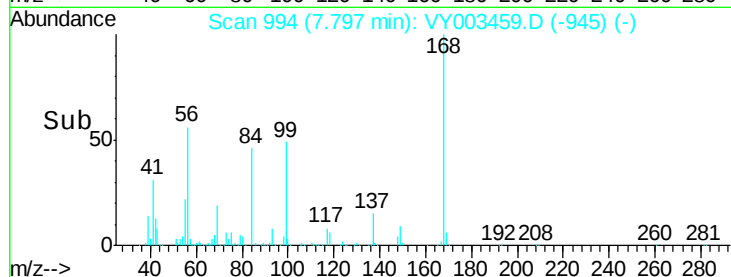
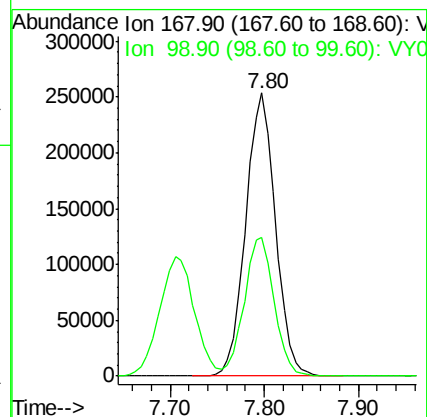
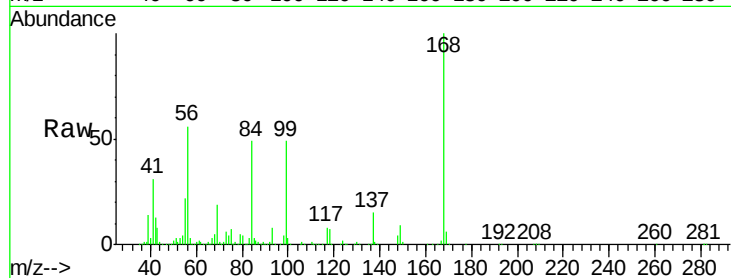
99 48.9 40.4 60.6

Manual Integrations

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10/6/2020 12:55:46 PM



#2

Dichlorodifluoromethane

Concen: 53.186 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003459.D

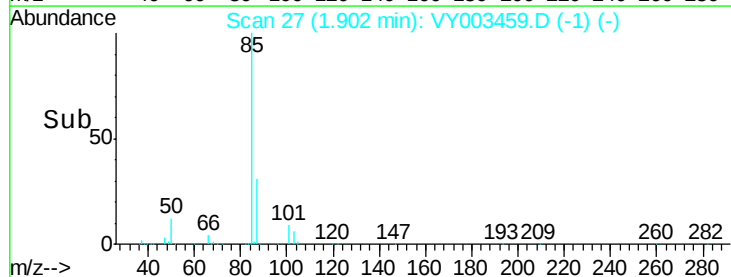
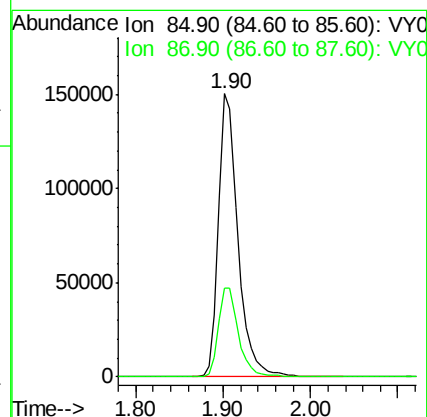
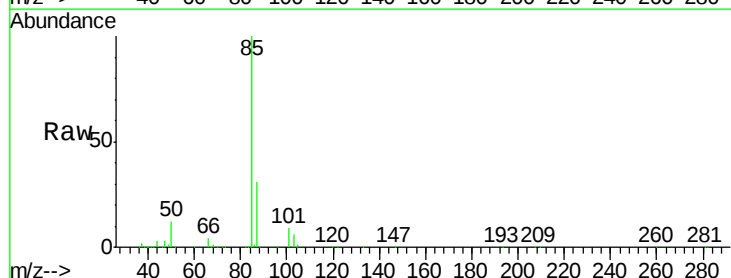
Acq: 05 Oct 2020 17:41

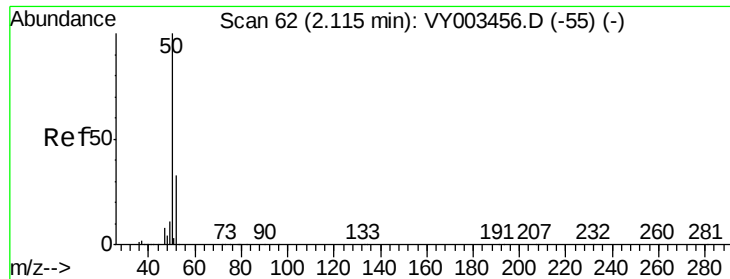
Tgt Ion: 85 Resp: 231561

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9





#3

Chloromethane

Concen: 52.747 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100520

Tot Ion: 50 Resp: 319464

Ion Ratio Lower Upper

50 100

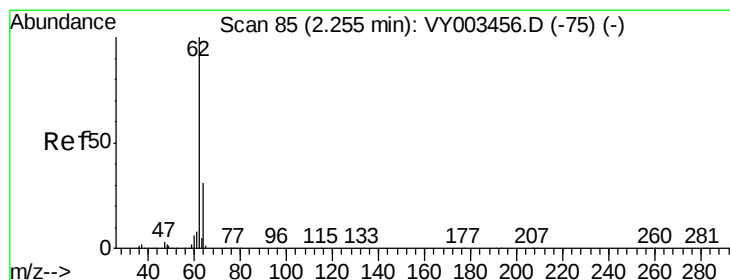
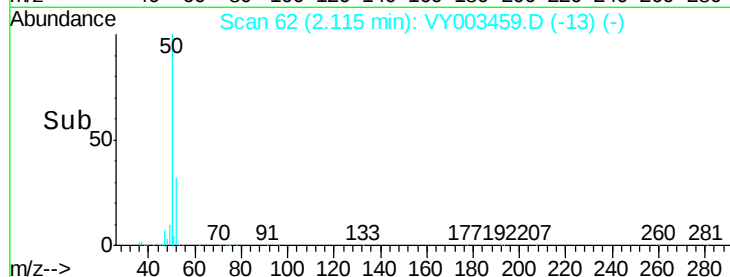
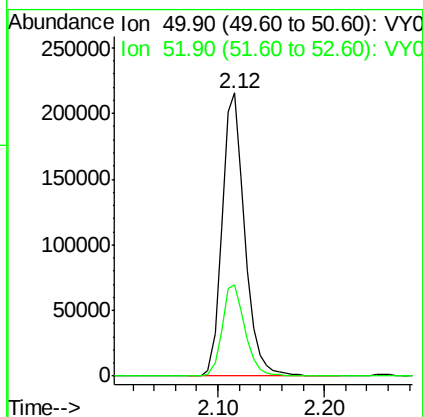
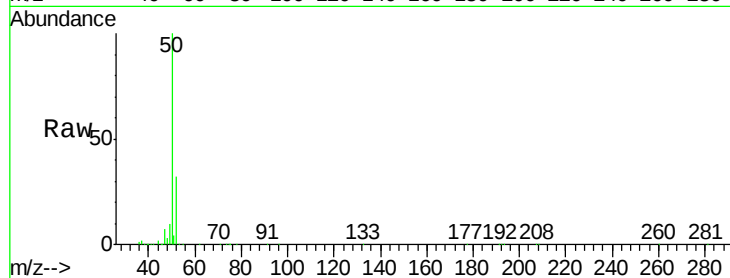
52 32.2 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.067 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY003459.D

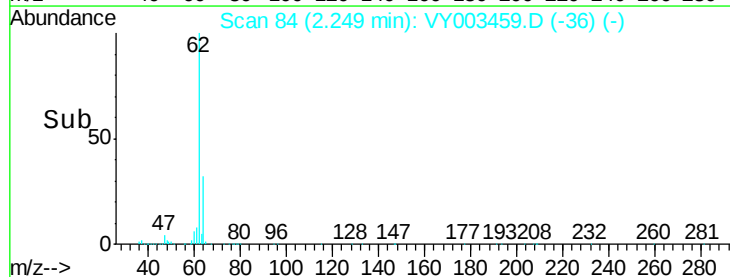
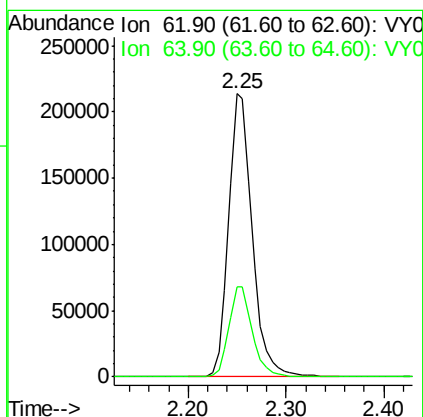
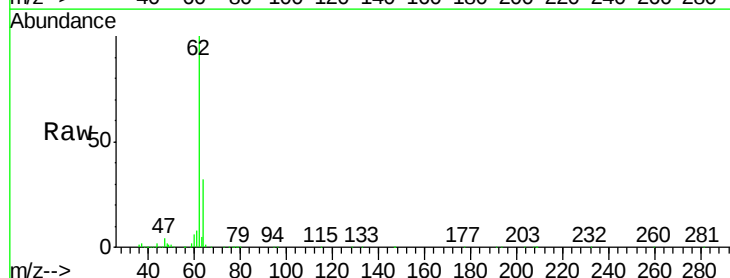
Acq: 05 Oct 2020 17:41

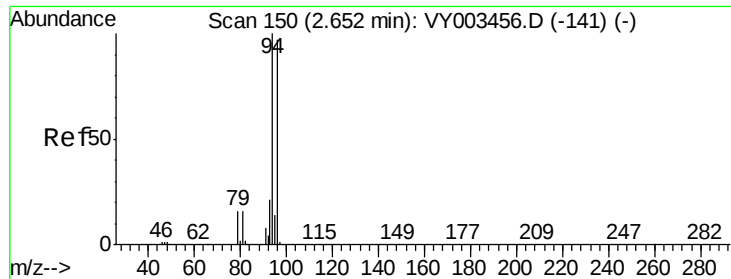
Tgt Ion: 62 Resp: 356290

Ion Ratio Lower Upper

62 100

64 32.0 24.6 36.8





#5

Bromomethane

Concen: 48.085 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100520

Tot Ion: 94 Resp: 271981

Ion Ratio Lower Upper

94 100

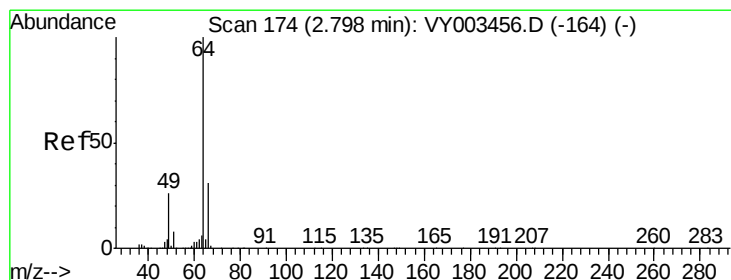
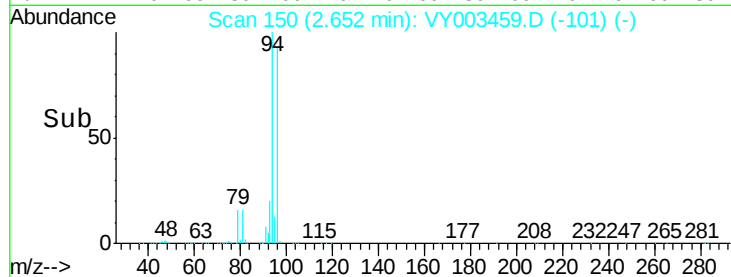
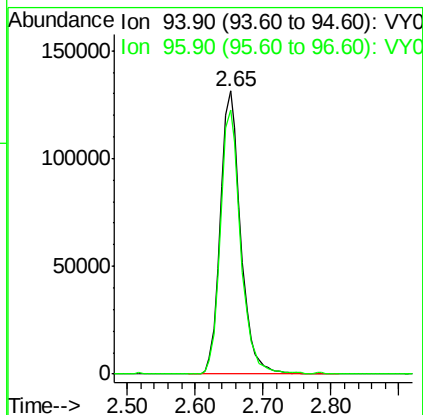
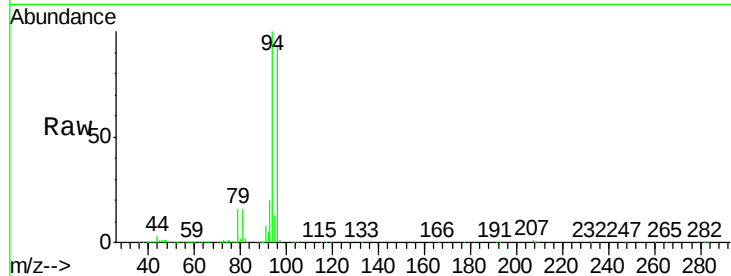
96 93.0 77.4 116.2

Manual Integrations

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#6

Chloroethane

Concen: 50.462 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003459.D

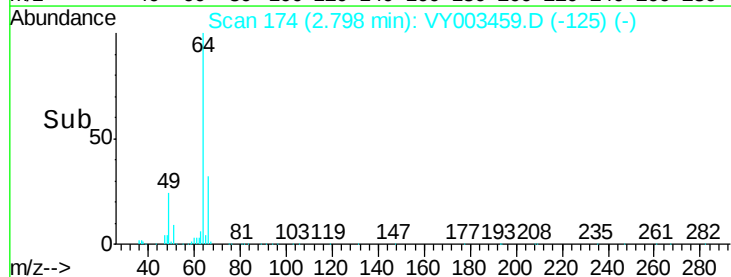
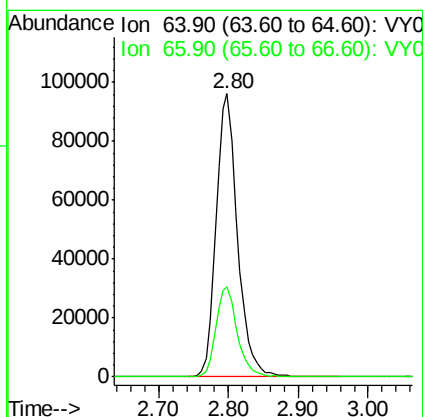
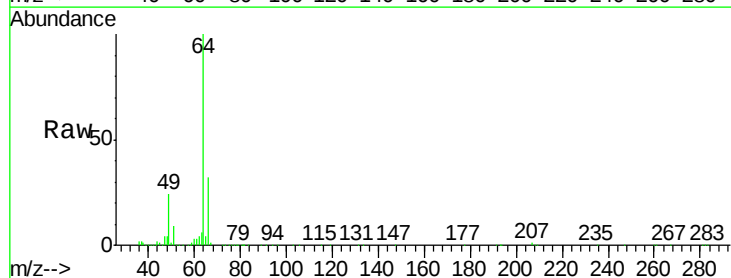
Acq: 05 Oct 2020 17:41

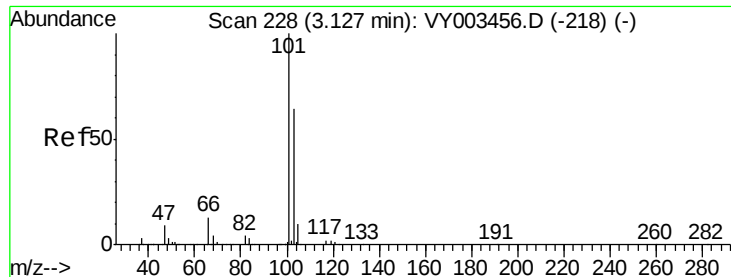
Tgt Ion: 64 Resp: 203338

Ion Ratio Lower Upper

64 100

66 31.6 25.0 37.4





#7

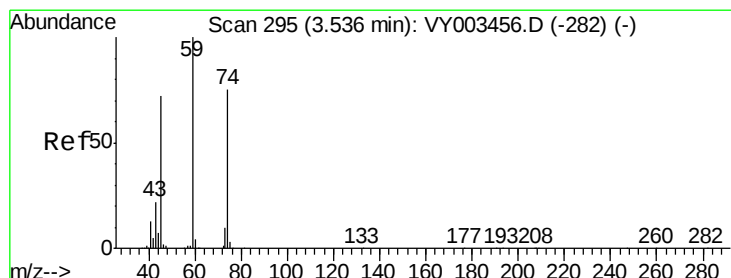
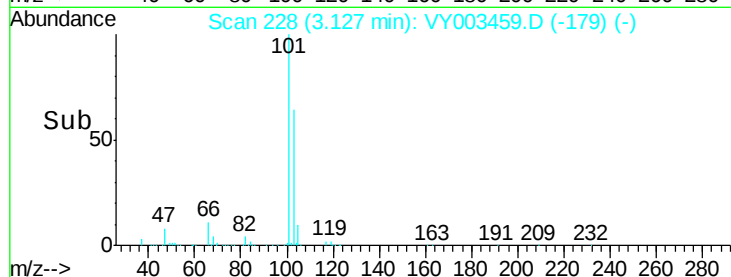
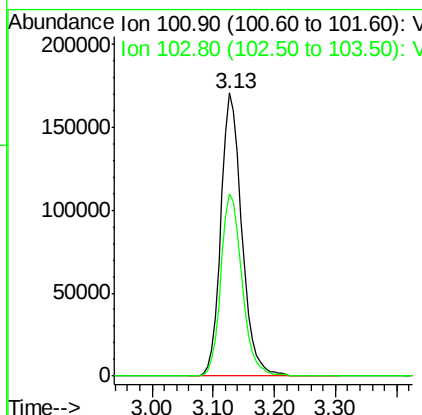
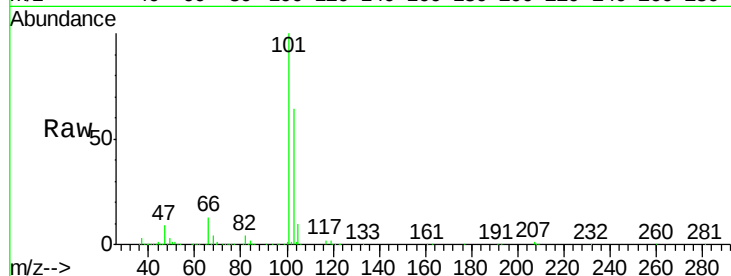
Trichlorofluoromethane
Concen: 50.109 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.6	77.4

Manual Integrations
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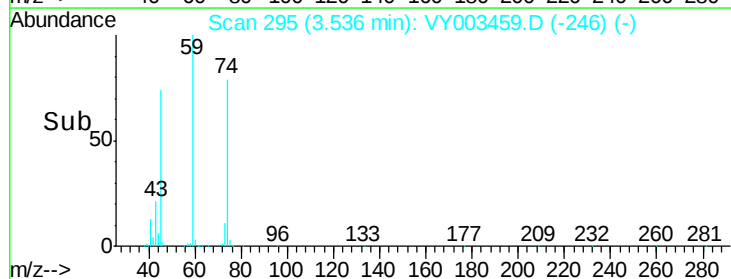
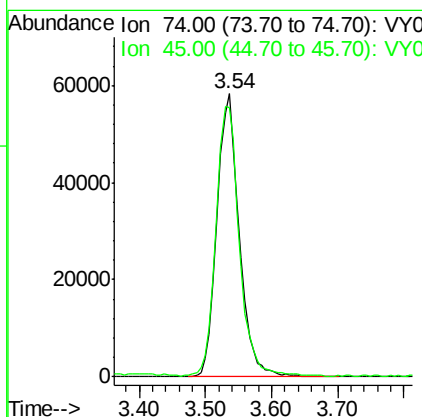
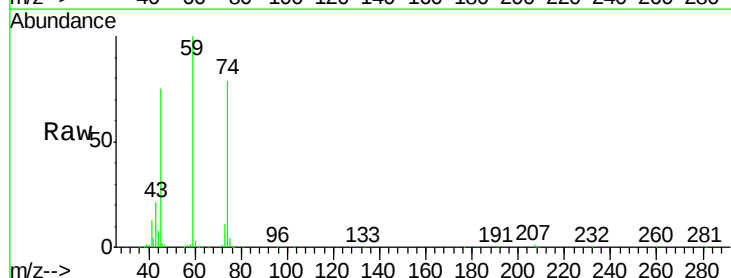
MMDadoda
10/6/2020 12:55:46 PM

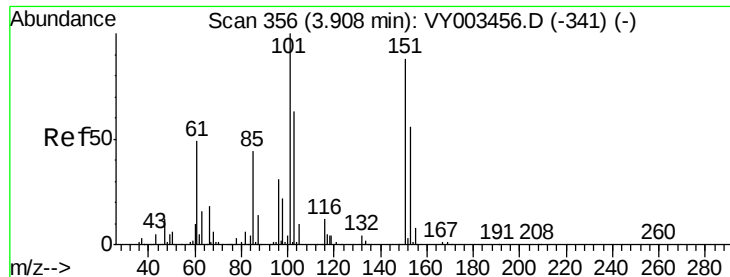


#8

Diethyl Ether
Concen: 50.376 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.371 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

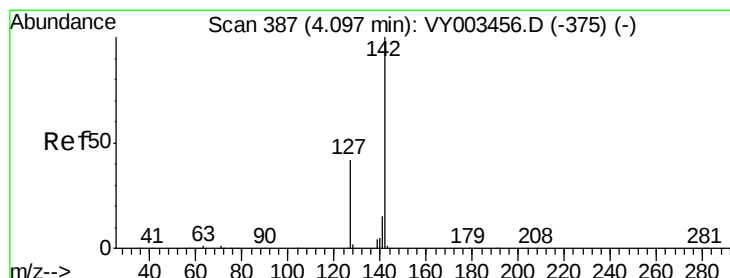
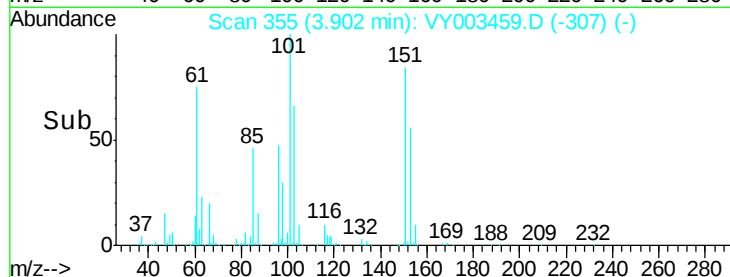
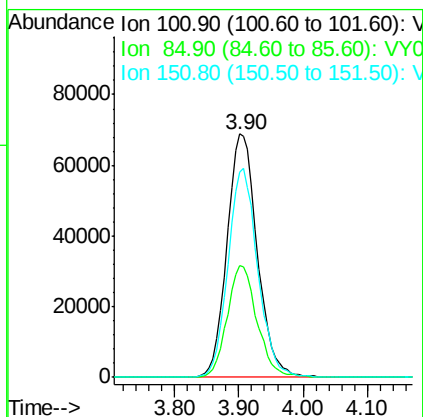
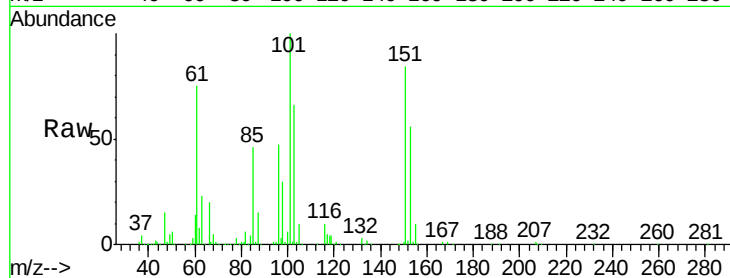
ClientSampleId :

ICVY00520

Tot Ion:	101	Resp:	227057
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.5	53.3
151	84.3	67.9	101.9

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#10

Methyl Iodide

Concen: 61.761 ug/l

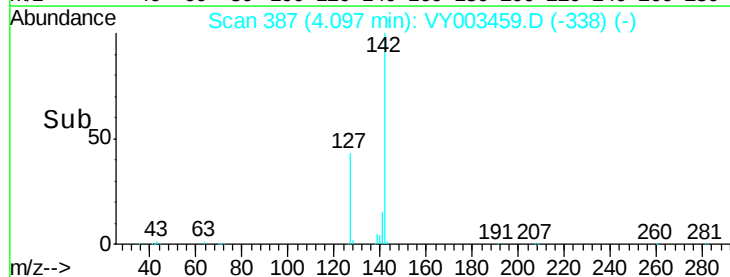
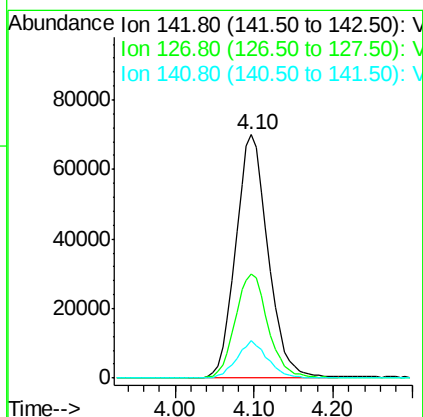
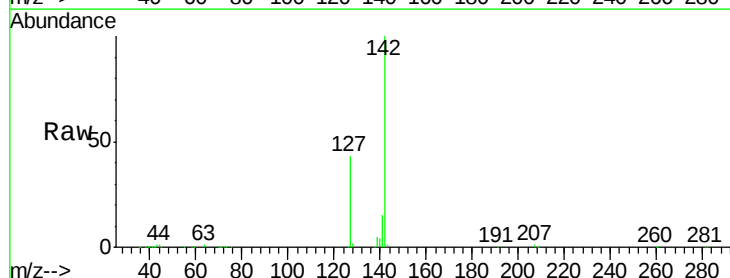
RT: 4.10 min Scan# 387

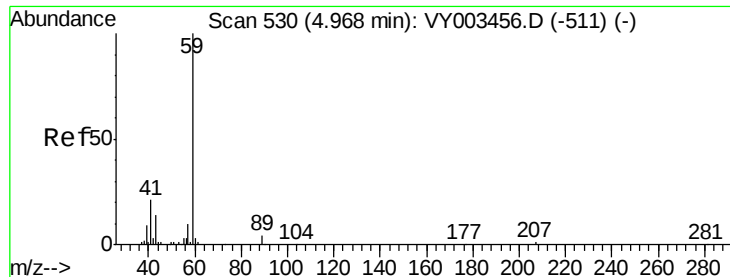
Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion:	142	Resp:	199574
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.9	52.3
141	14.7	11.9	17.9





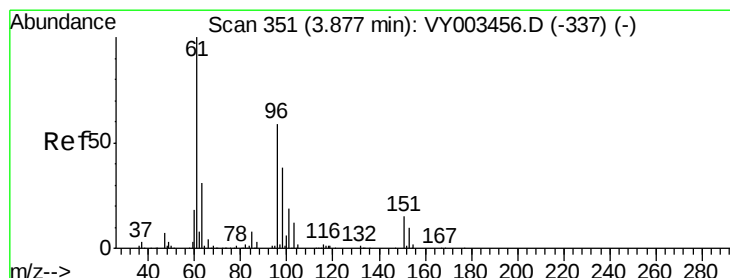
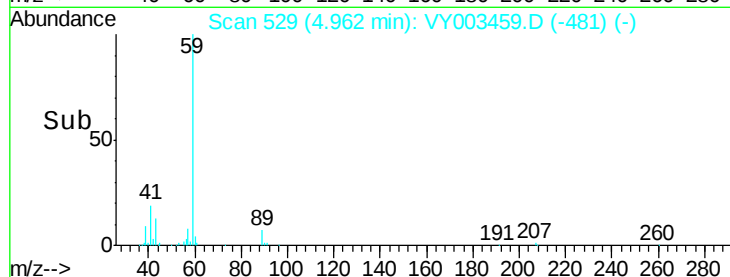
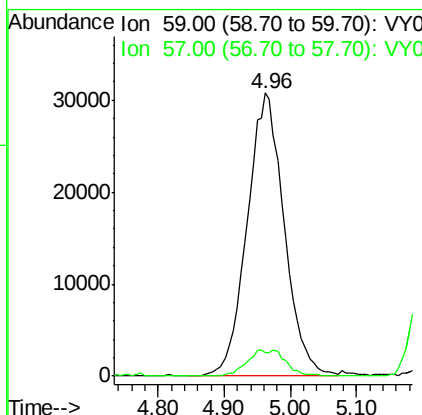
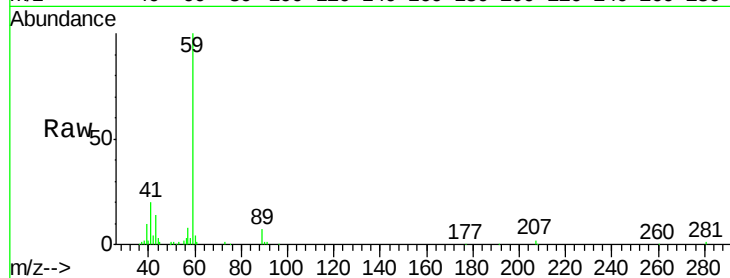
#11
Tert butyl alcohol
Concen: 221.418 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY00520

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6

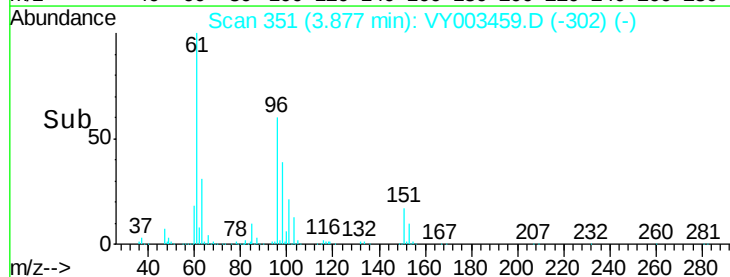
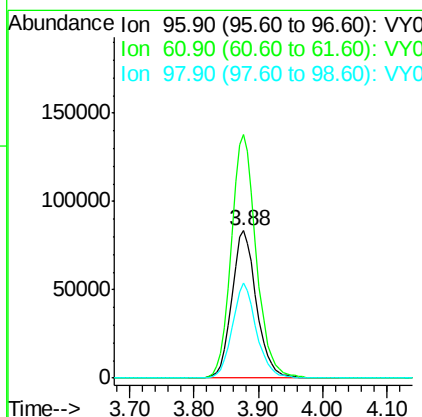
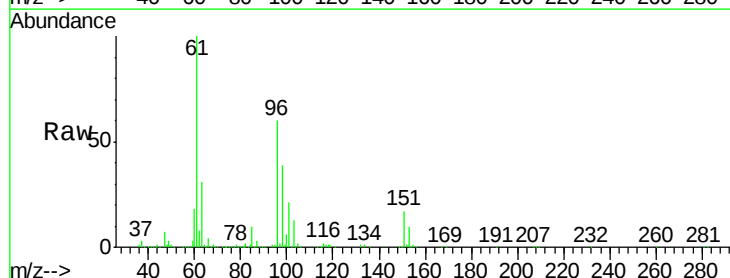
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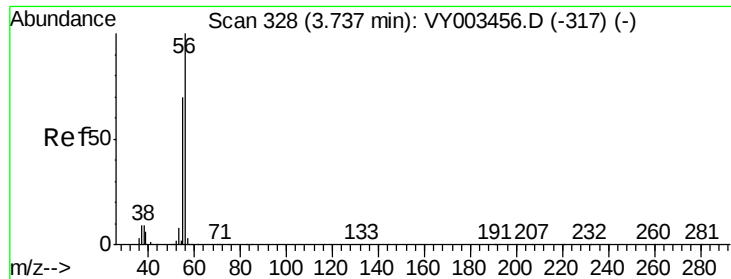
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#12
1,1-Dichloroethene
Concen: 50.175 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.5	134.6	202.0
98	65.0	51.1	76.7





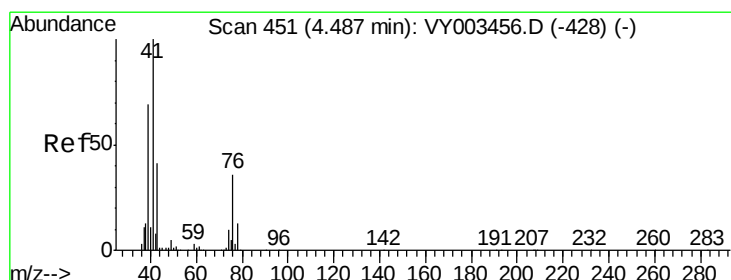
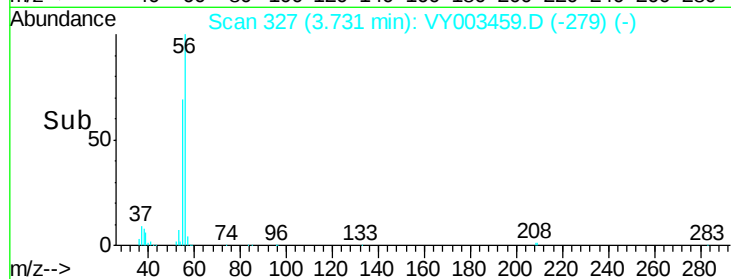
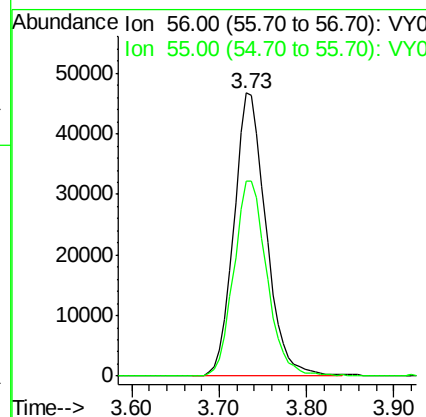
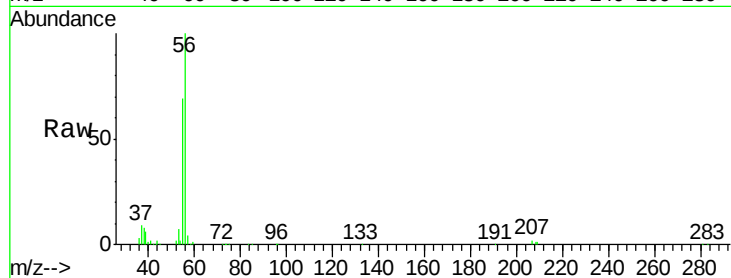
#13
Acrolein
Concen: 228.115 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.6	57.9	86.9

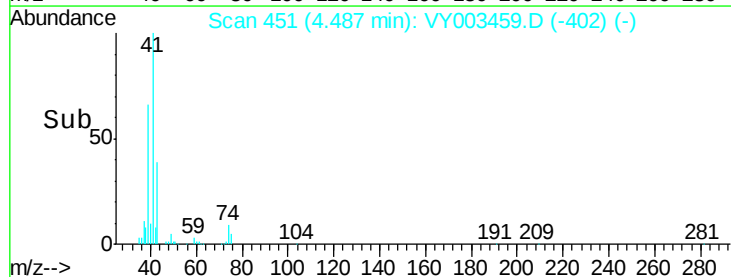
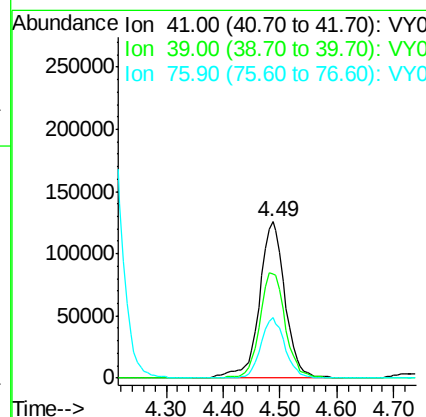
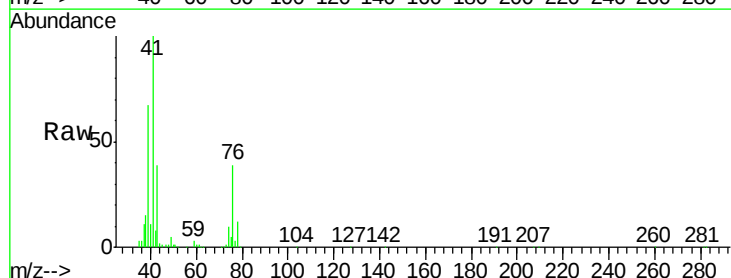
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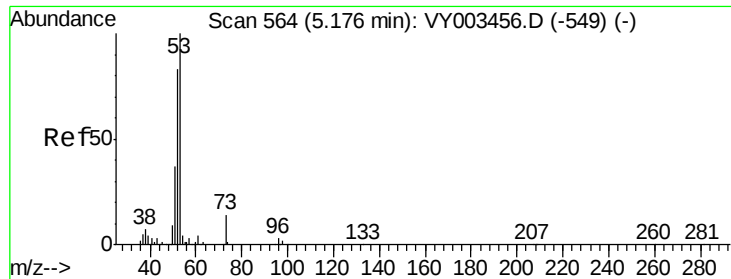
MMDadoda
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#14
Allyl chloride
Concen: 49.465 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.2	54.6	82.0
76	76	36.2	27.5	41.3





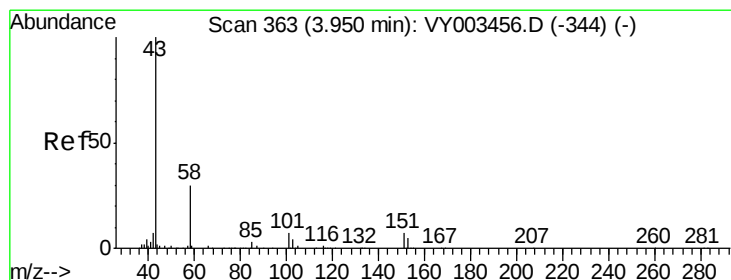
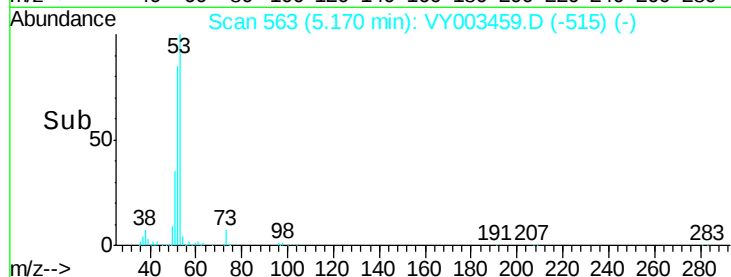
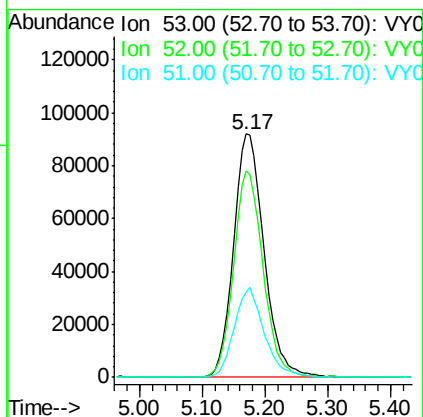
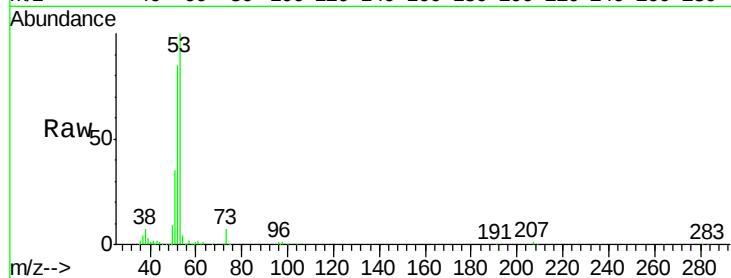
#15
Acrylonitrile
Concen: 241.075 ug/l
RT: 5.17 min Scan# 563
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY100520

Tot Ion	53	Resp	309481
Ion Ratio	Lower	Upper	
53	100		
52	82.1	67.8	101.8
51	36.4	30.1	45.1

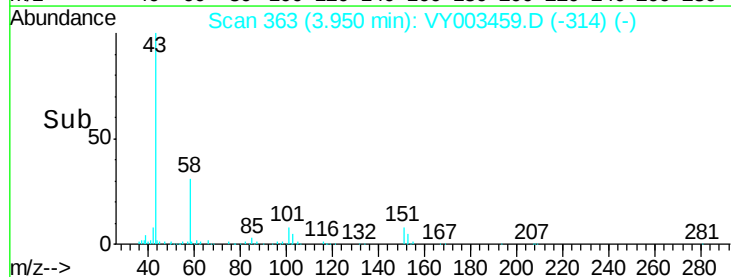
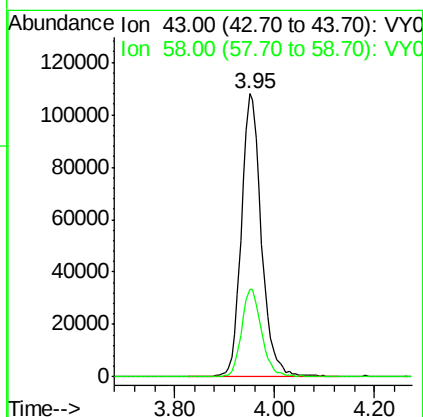
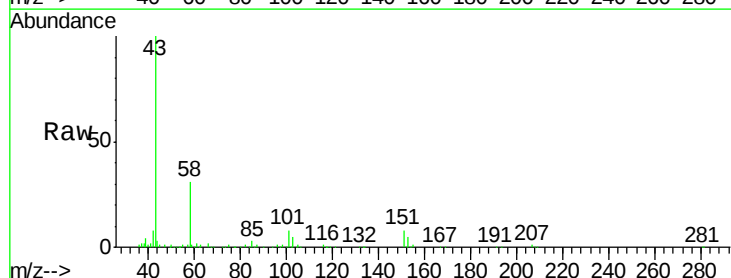
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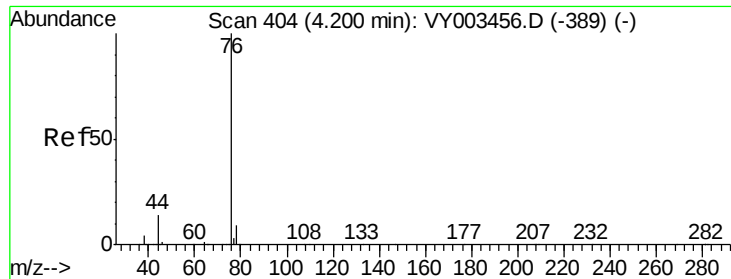
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#16
Acetone
Concen: 219.959 ug/l
RT: 3.95 min Scan# 363
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	43	Resp	301282
Ion Ratio	Lower	Upper	
43	100		
58	30.9	23.8	35.8





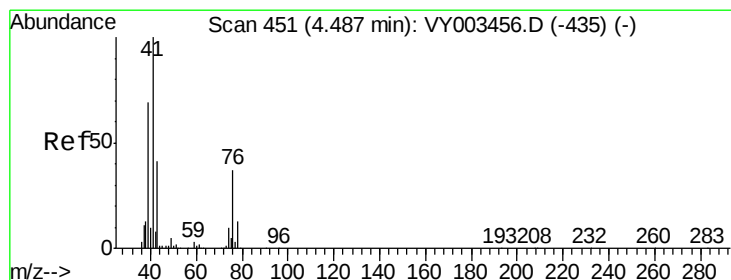
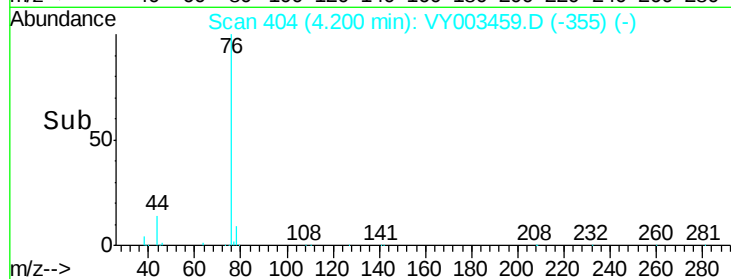
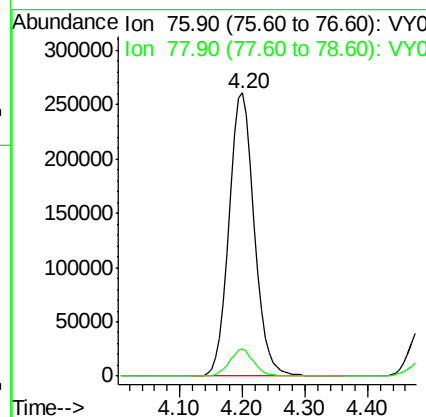
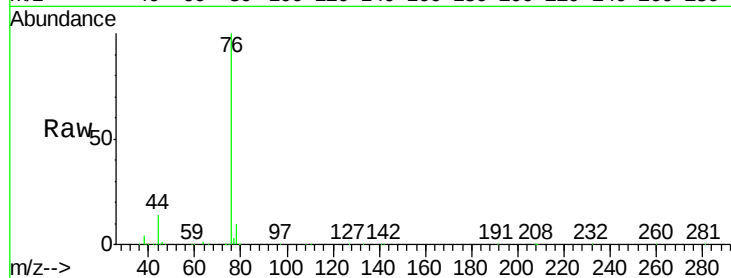
#17
Carbon Disulfide
Concen: 49.984 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

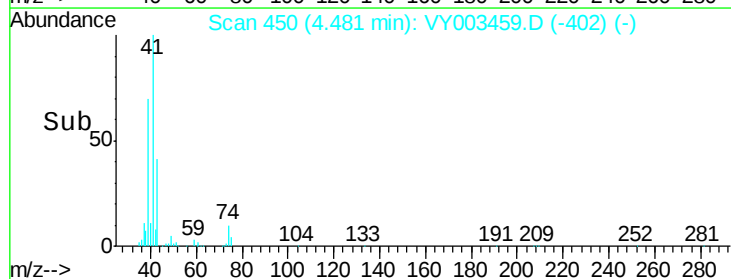
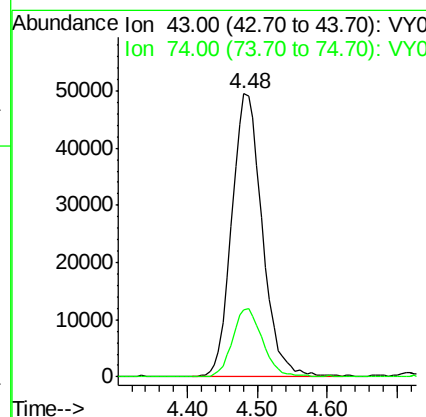
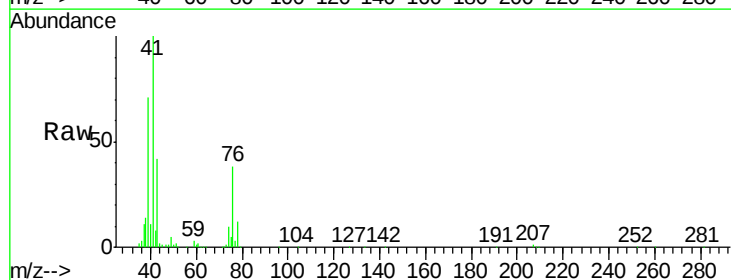
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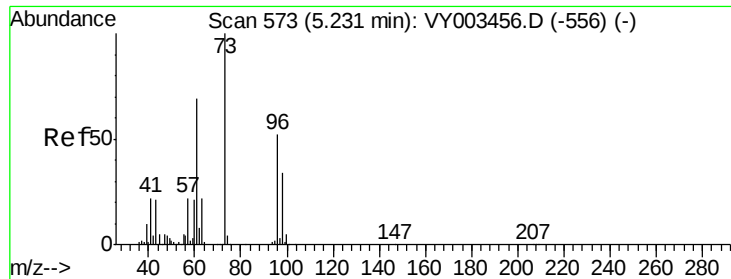
MMDadoda
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#18
Methyl Acetate
Concen: 45.644 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.0	27.0





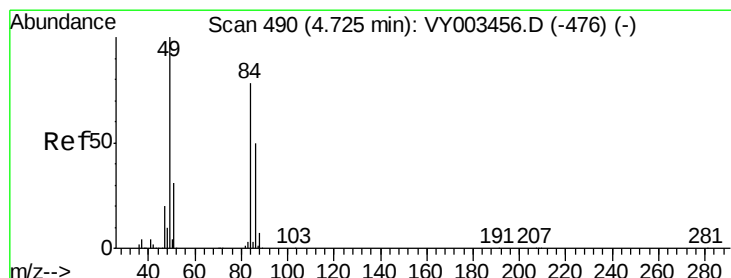
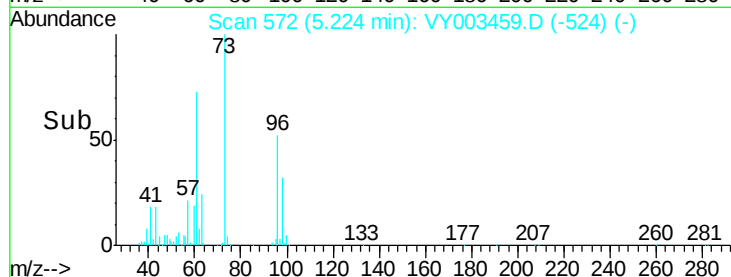
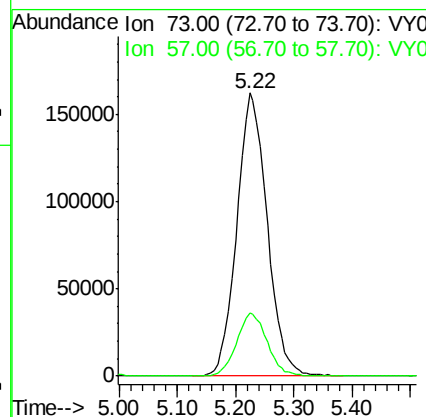
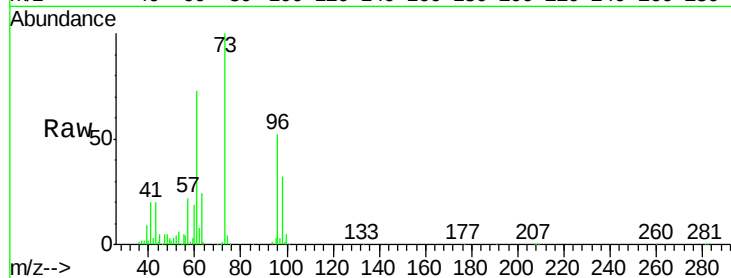
#19
Methvl tert-butvl Ether
Concen: 49.667 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion: 73 Resp: 584105
Ion Ratio Lower Upper
73 100
57 22.2 17.9 26.9

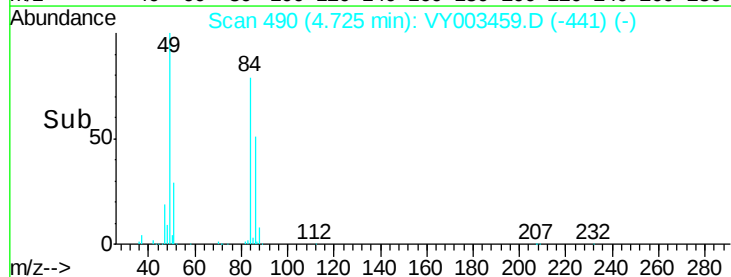
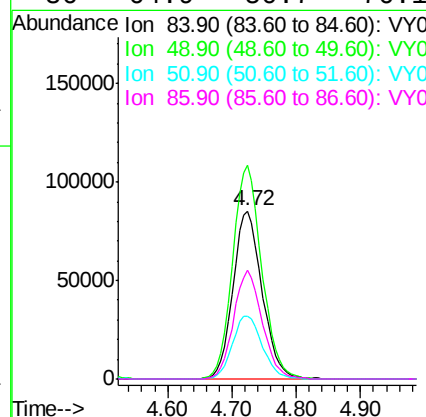
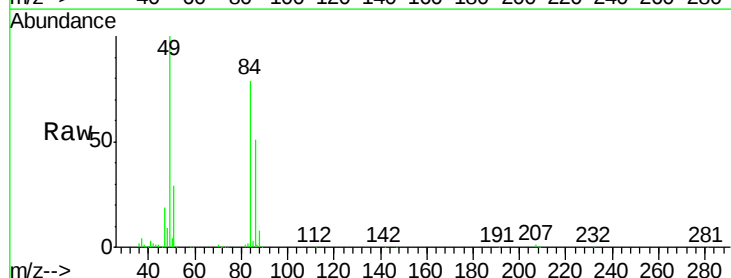
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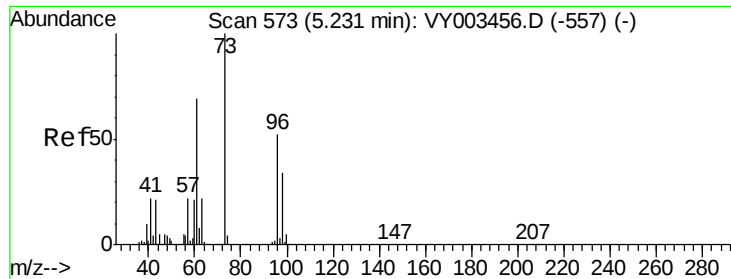
MMDadoda
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#20
Methylene Chloride
Concen: 52.153 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 84 Resp: 268840
Ion Ratio Lower Upper
84 100
49 127.3 102.2 153.2
51 37.5 32.0 48.0
86 64.9 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.021 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

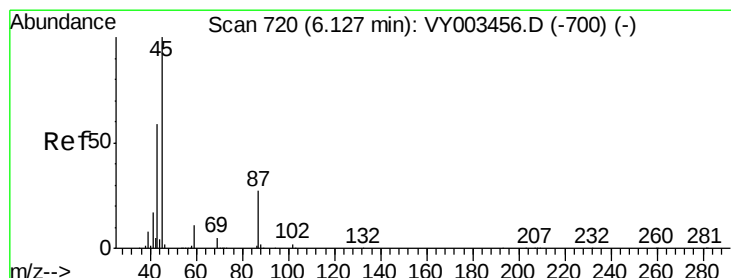
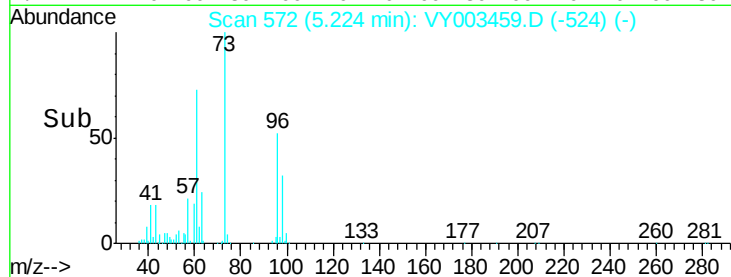
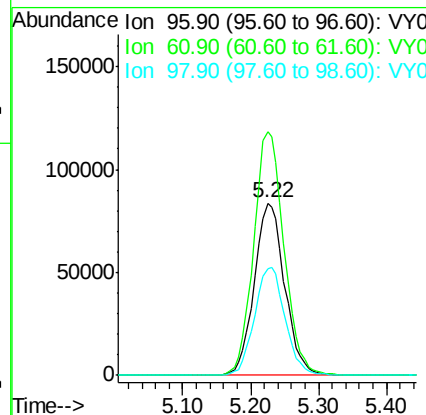
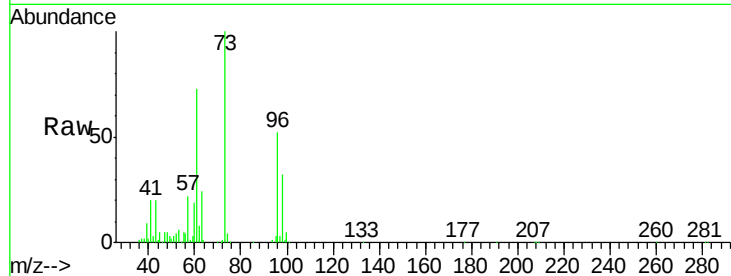
ClientSampleId :

ICVY00520

Tot Ion:	96	Resp:	260711
Ion Ratio	Lower	Upper	
96	100		
61	141.6	107.6	161.4
98	62.0	52.1	78.1

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#22

Diisopropyl ether

Concen: 50.192 ug/l

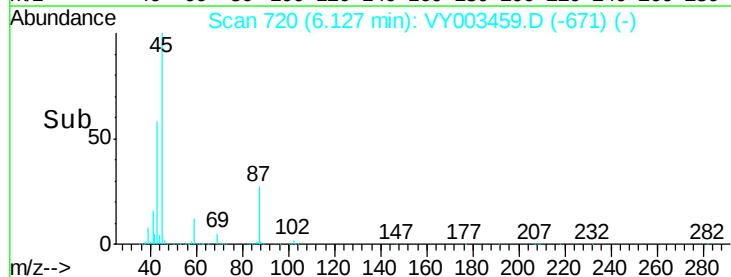
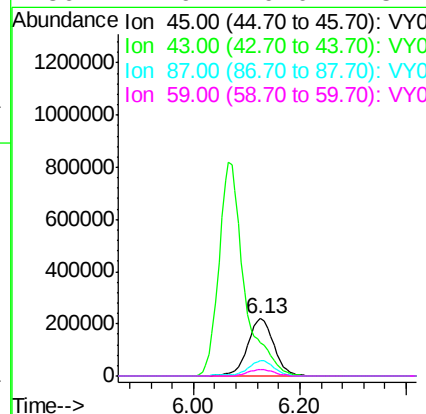
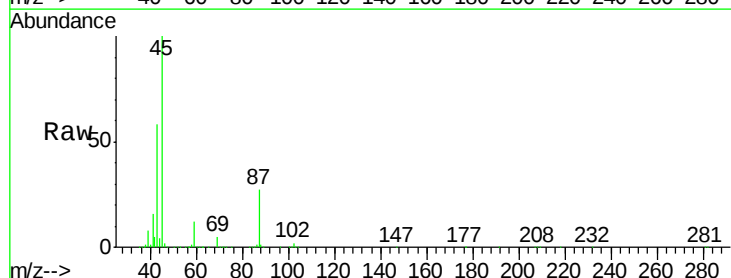
RT: 6.13 min Scan# 720

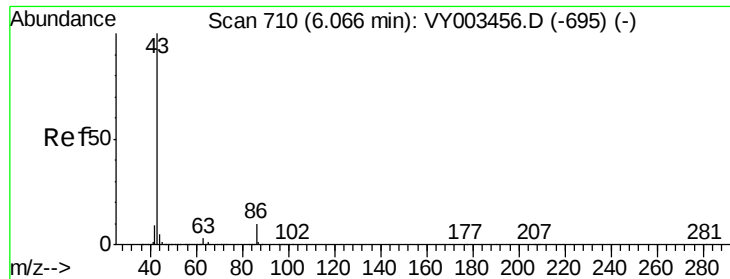
Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion:	45	Resp:	748505
Ion Ratio	Lower	Upper	
45	100		
43	58.2	47.5	71.3
87	26.8	22.2	33.2
59	11.9	9.0	13.4





#23

Vinyl Acetate

Concen: 247.387 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY00520

Tot Ion: 43 Resp: 2699758

Ion Ratio Lower Upper

43 100

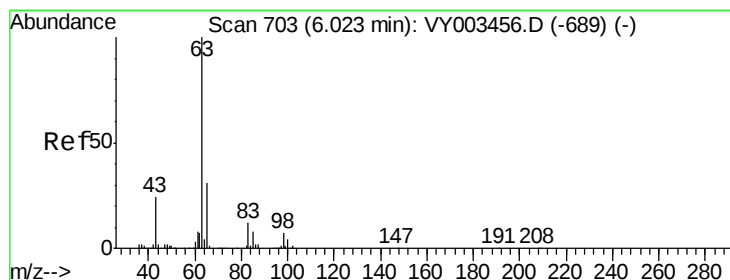
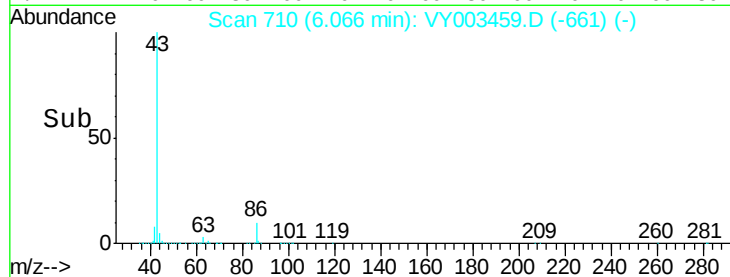
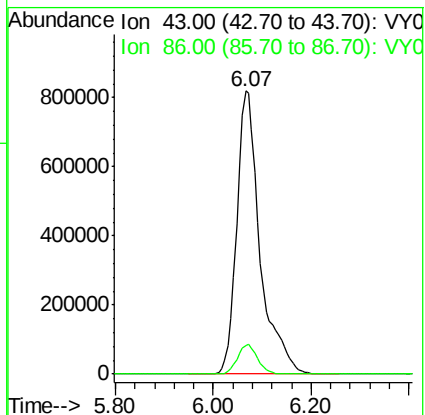
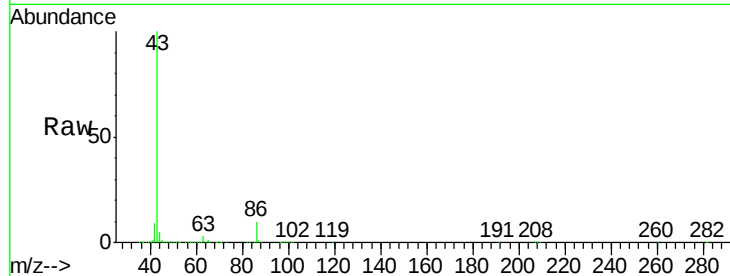
86 10.2 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 50.029 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

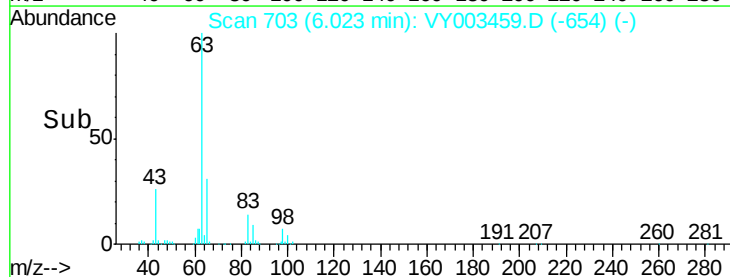
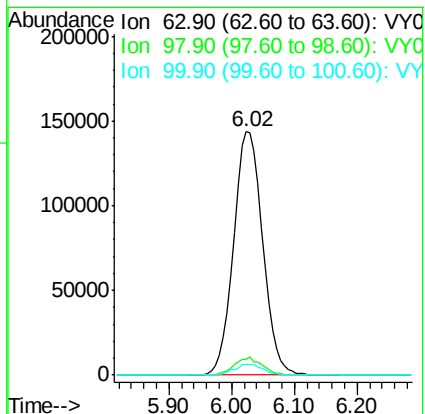
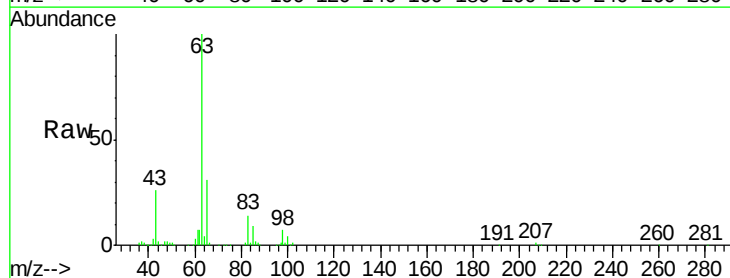
Tgt Ion: 63 Resp: 461144

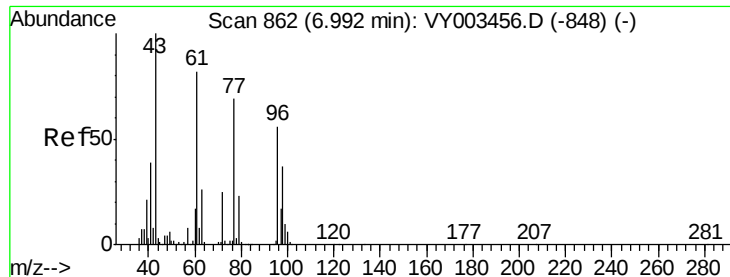
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 229.390 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY00520

Tot Ion: 43 Resp: 452342

Ion Ratio Lower Upper

43 100

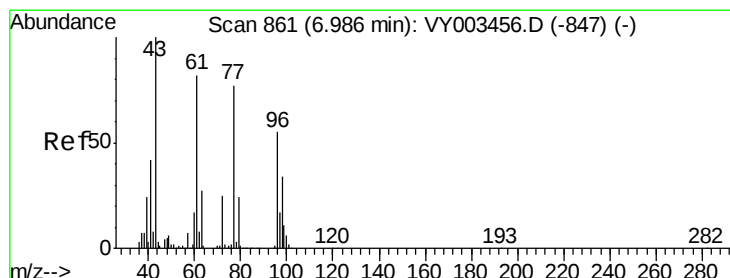
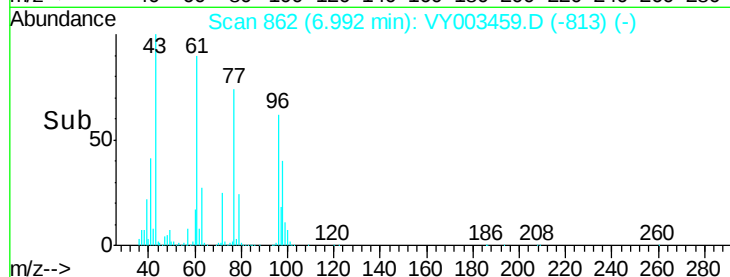
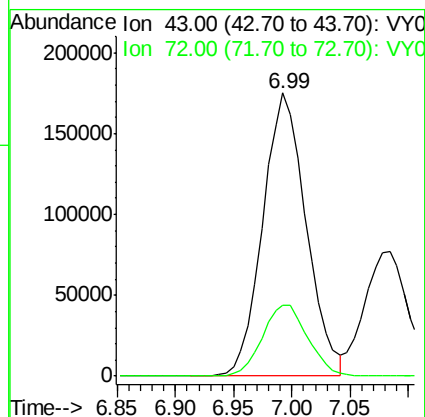
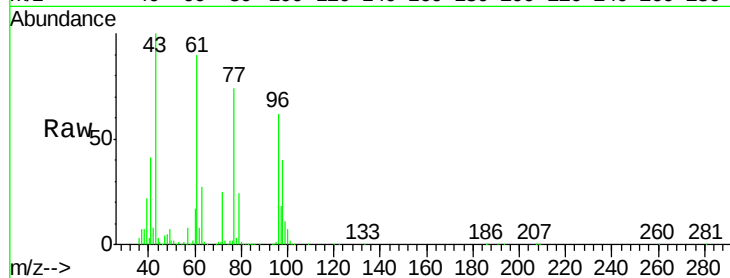
72 25.0 20.0 30.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.894 ug/l

RT: 6.99 min Scan# 861

Delta R.T. 0.00 min

Lab File: VY003459.D

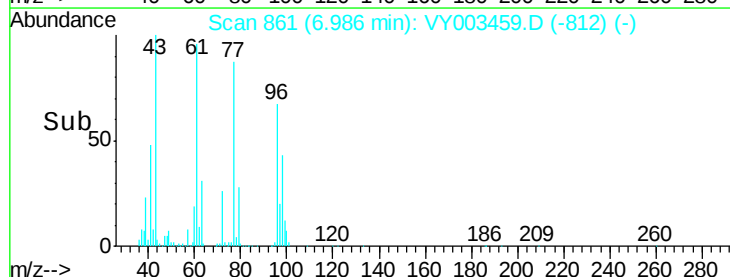
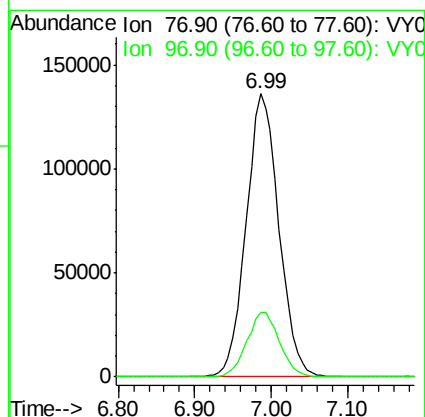
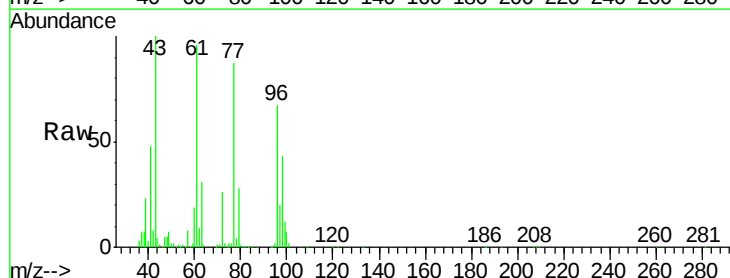
Acq: 05 Oct 2020 17:41

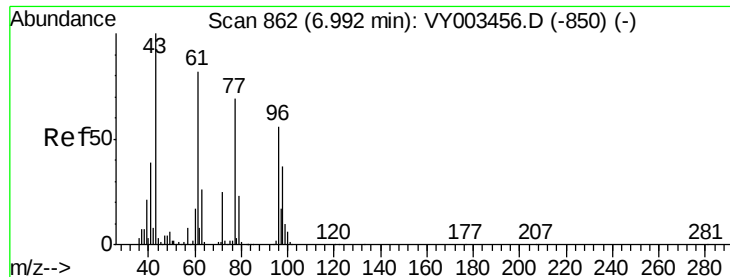
Tgt Ion: 77 Resp: 404695

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.2





#27

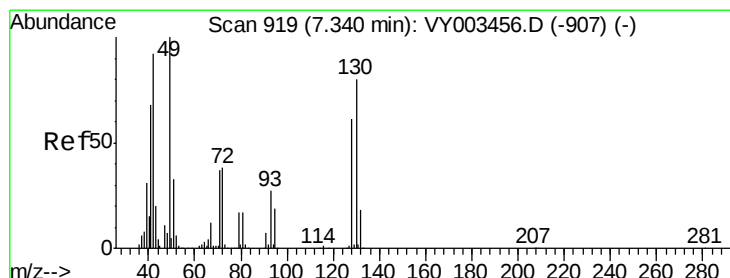
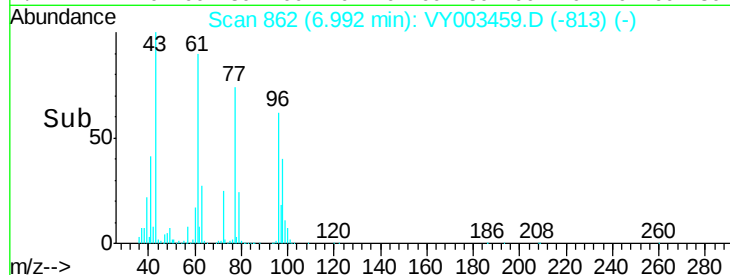
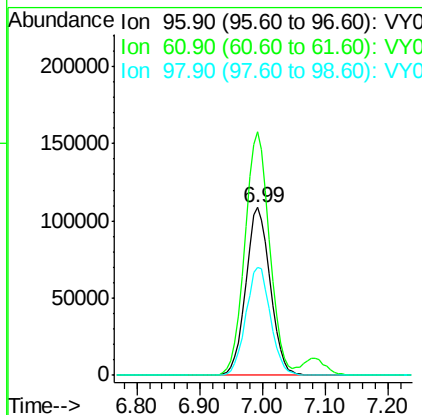
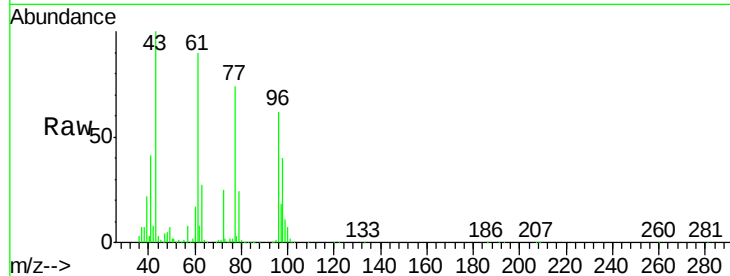
cis-1,2-Dichloroethene
Concen: 50.335 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY00520

Tot Ion	Ratio	Resp	Lower	Upper
96	100	292522		
61	146.1	0.0	295.2	
98	64.8	0.0	129.0	

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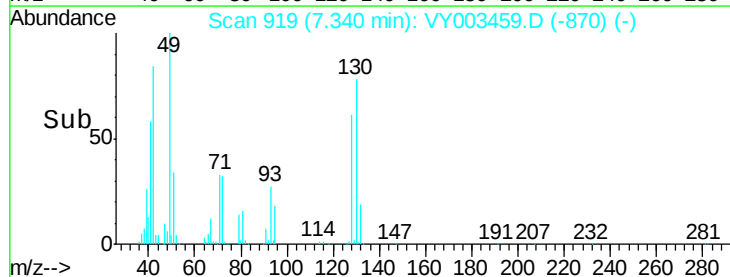
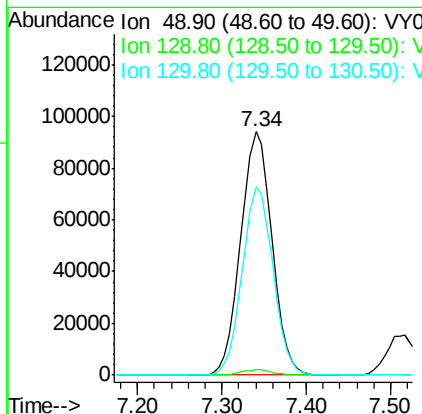
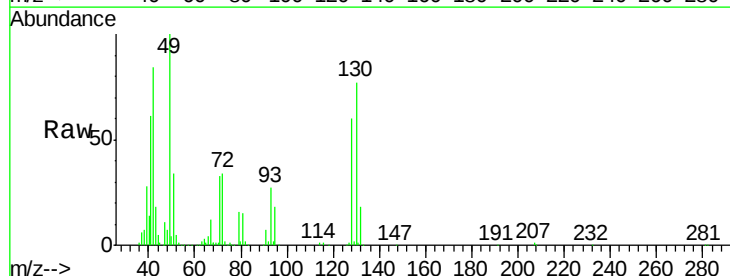
MMDadoda
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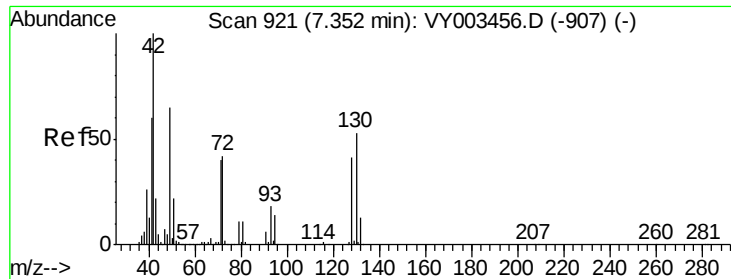


#28

Bromochloromethane
Concen: 52.457 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	235944		
129	2.2	0.0	4.4	
130	76.3	62.4	93.6	





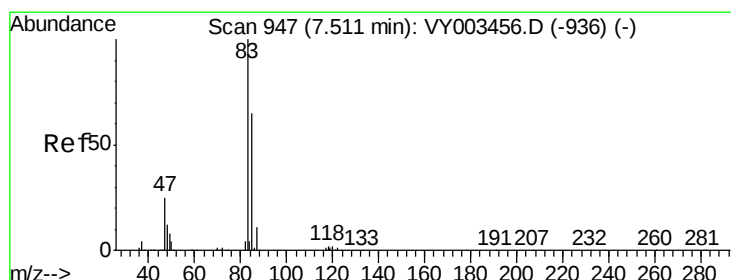
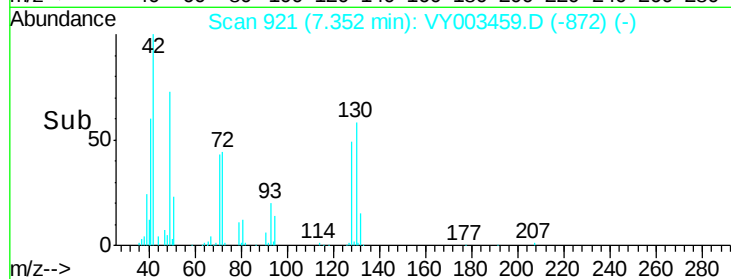
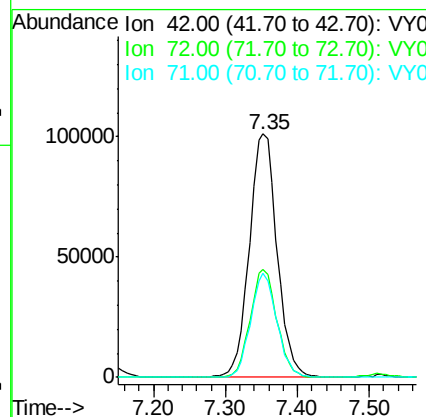
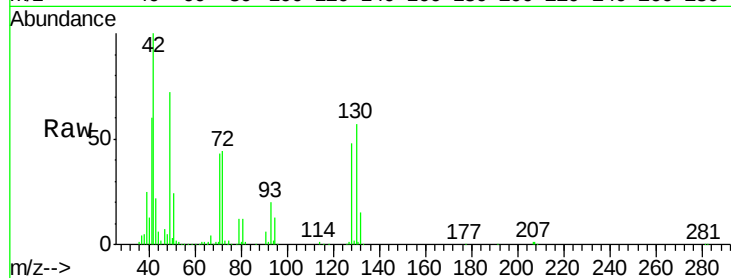
#29
Tetrahydrofuran
Concen: 232.717 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	33.3	49.9
71	40.5	31.7	47.5

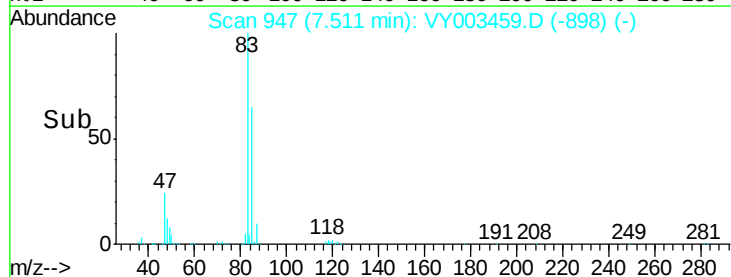
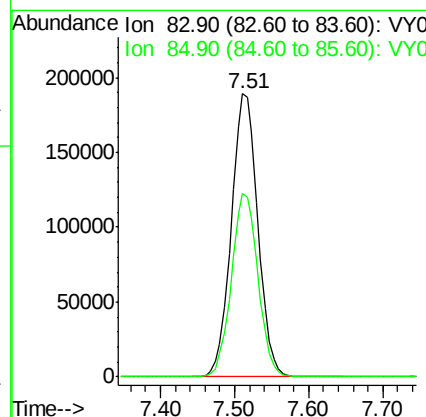
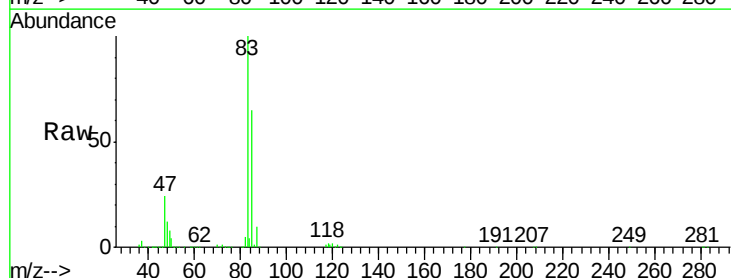
Manual Integrations
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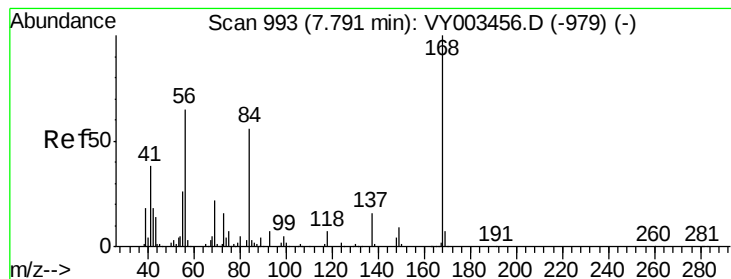
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#30
Chloroform
Concen: 50.222 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.2	78.4





#31

Cvclohexane

Concen: 48.635 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

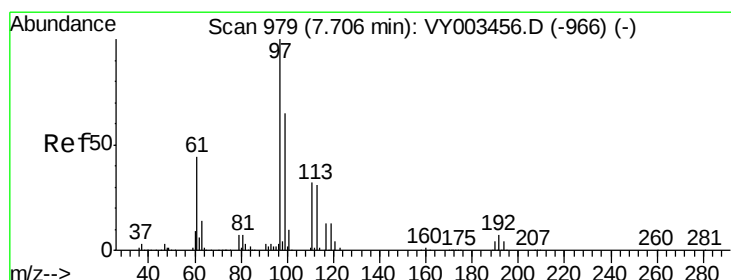
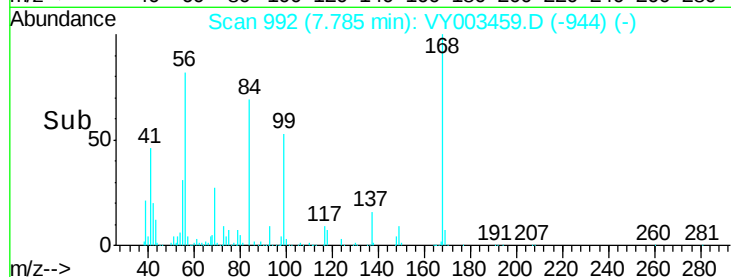
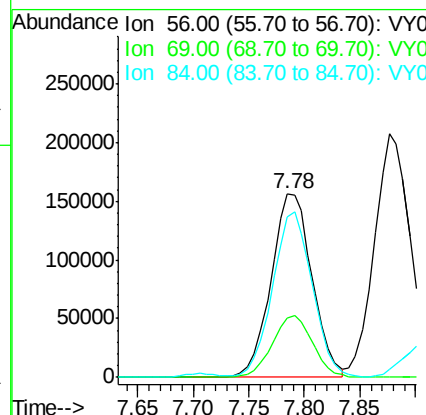
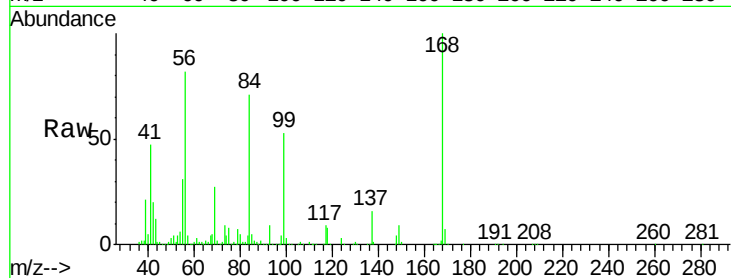
ClientSampleId :

ICVY00520

Tot Ion:	56	Resp:	398609
Ion Ratio	Lower	Upper	
56	100		
69	32.6	26.8	40.2
84	85.6	69.1	103.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.436 ug/l

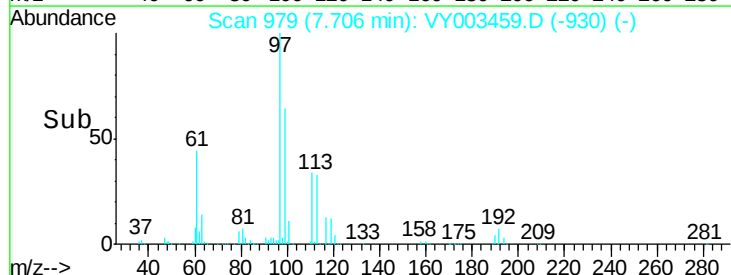
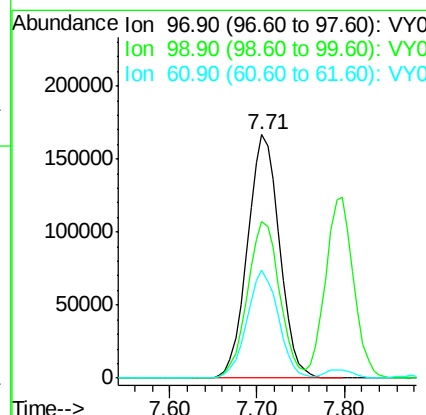
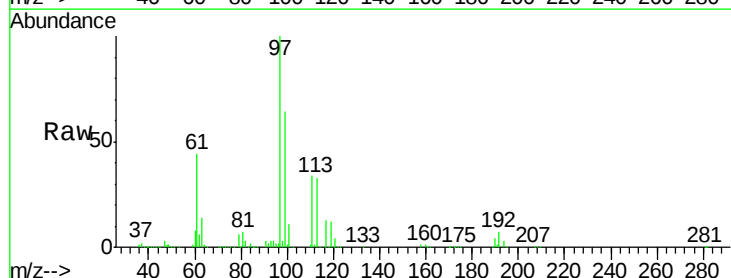
RT: 7.71 min Scan# 979

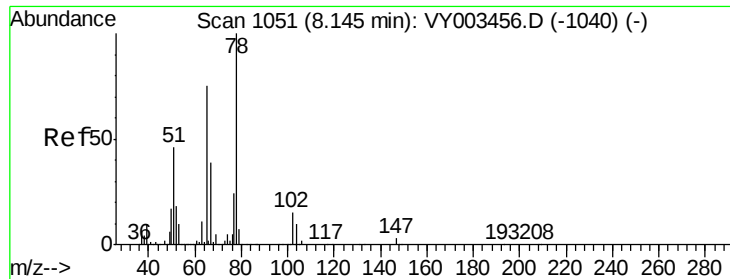
Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion:	97	Resp:	423778
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.5	77.3
61	43.4	34.4	51.6





#33

1,2-Dichloroethane-d4

Concen: 51.311 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampled :

ICVVY100520

Tot Ion: 65 Resp: 292237

Ion Ratio Lower Upper

65 100

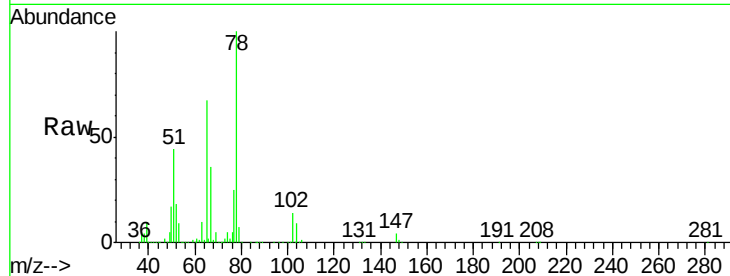
67 53.1 0.0 104.4

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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0

150000

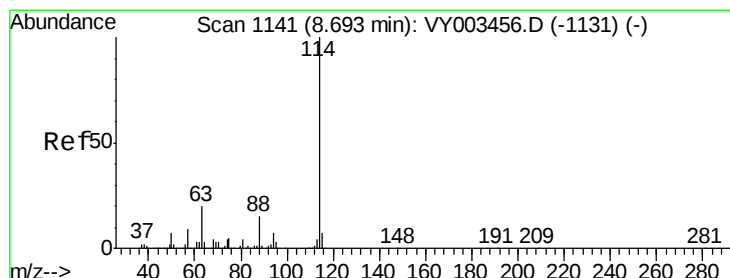
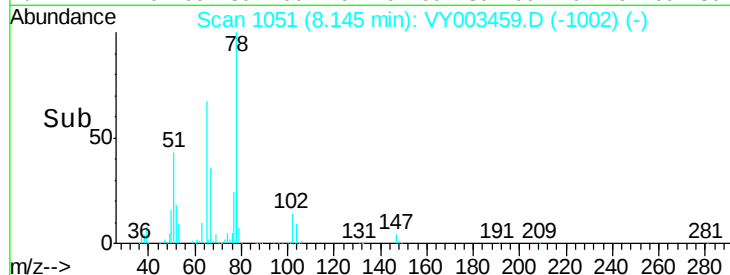
100000

50000

0

8.05 8.10 8.15 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

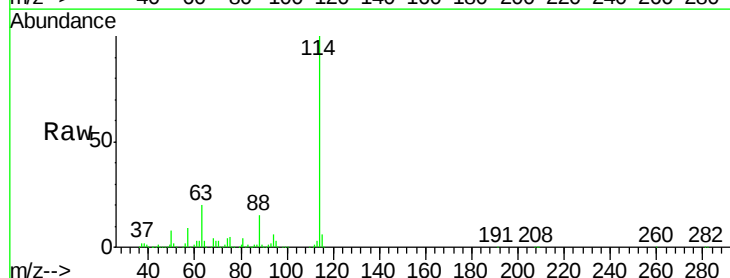
Tgt Ion: 114 Resp: 805338

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.2

88 15.3 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

500000

400000

300000

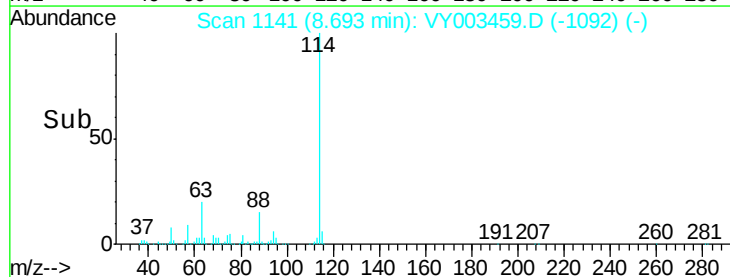
200000

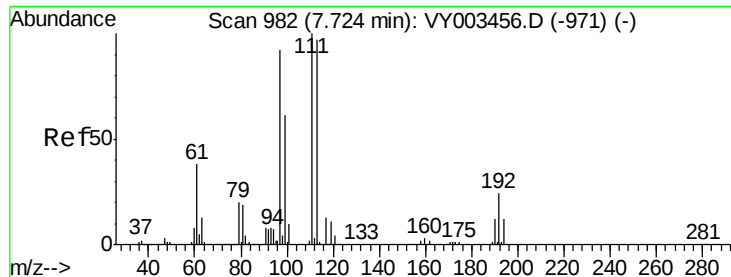
100000

0

8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 53.123 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

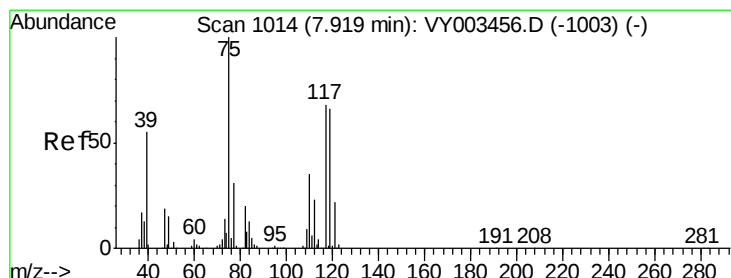
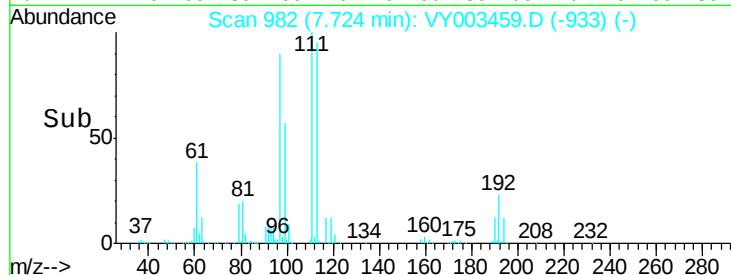
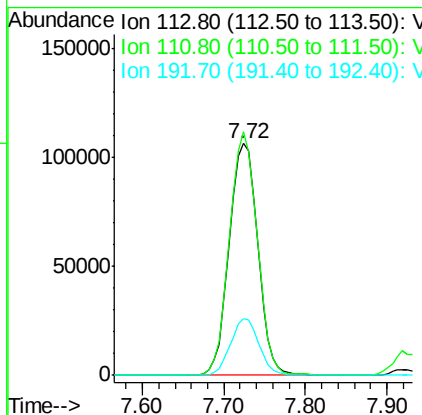
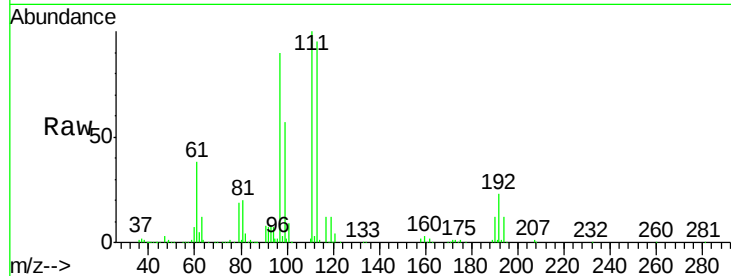
ClientSampleId :

ICVVY100520

Tot Ion:	113	Resp:	258009
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.2	123.2
192	24.1	19.8	29.6

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#36

1,1-Dichloropropene

Concen: 49.305 ug/l

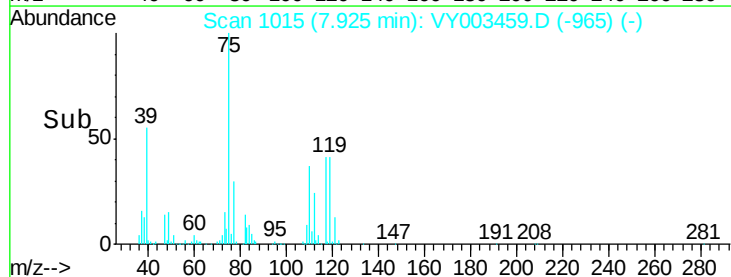
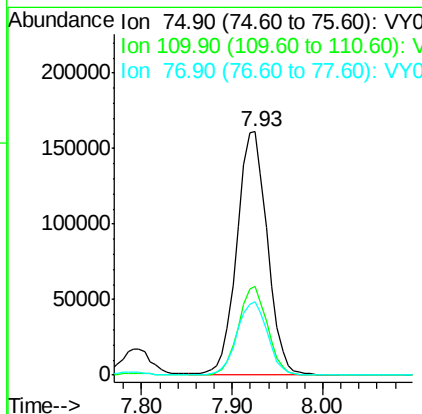
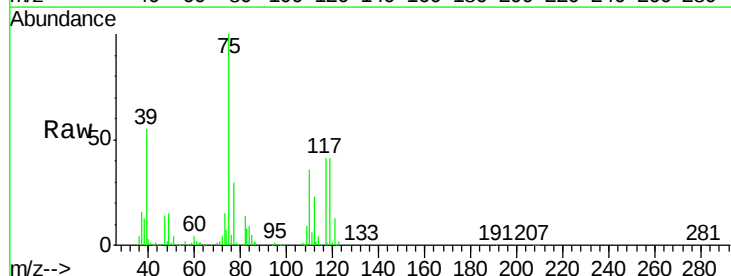
RT: 7.93 min Scan# 1015

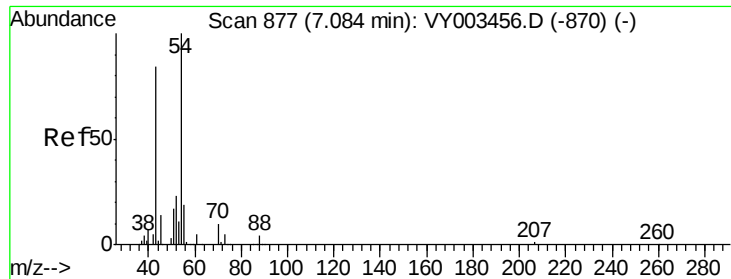
Delta R.T. 0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion:	75	Resp:	372386
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.8	53.3
77	30.6	24.8	37.2





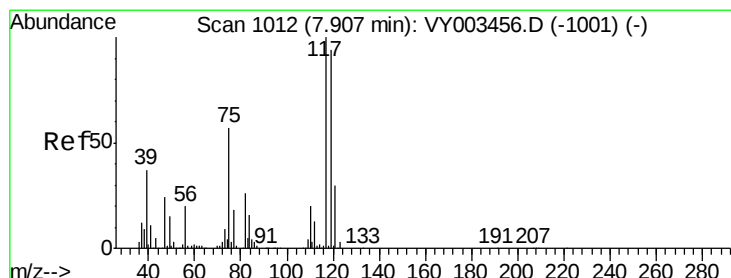
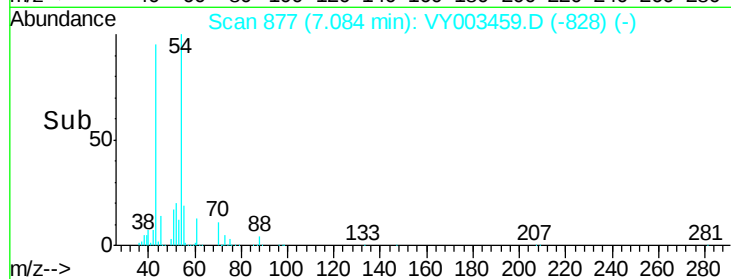
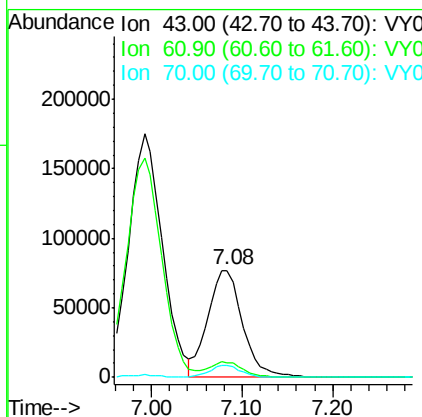
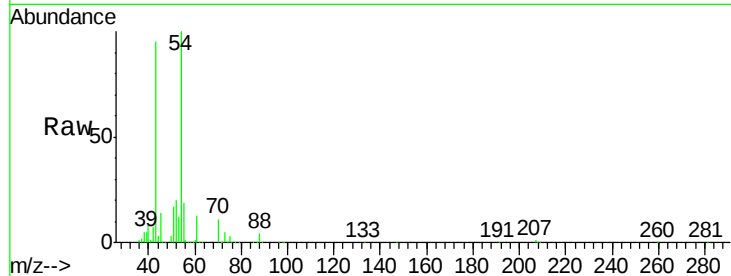
#37
Ethyl Acetate
Concen: 46.260 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.0	16.4
70	10.5	8.2	12.2

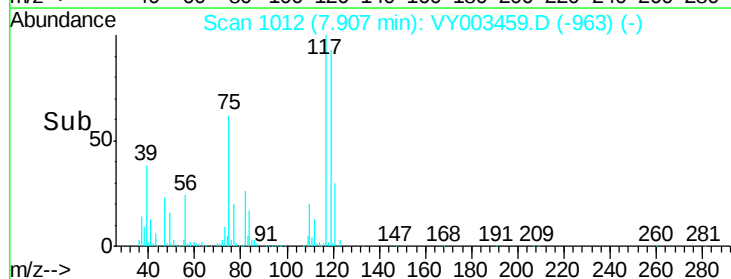
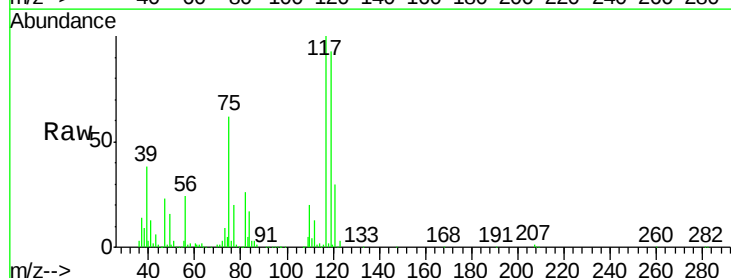
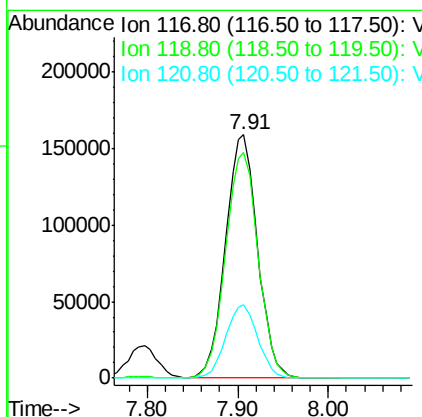
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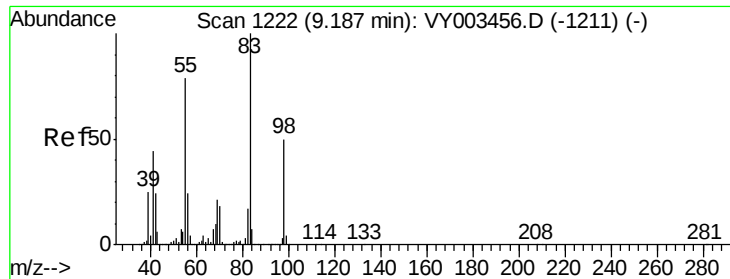
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#38
Carbon Tetrachloride
Concen: 49.073 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.7	112.1
121	30.0	24.3	36.5





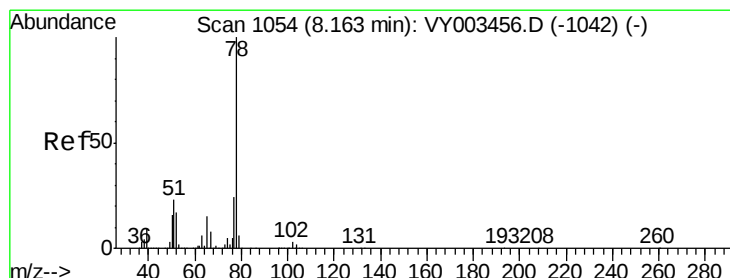
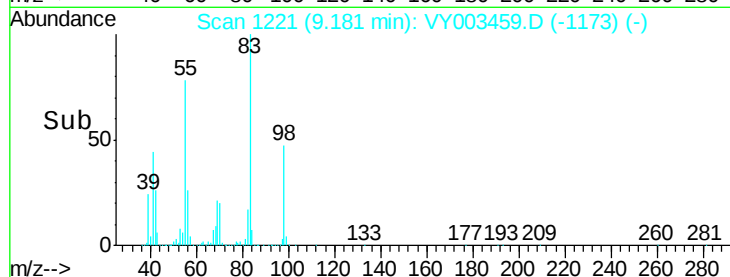
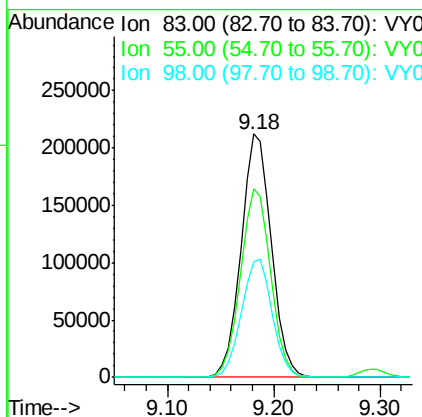
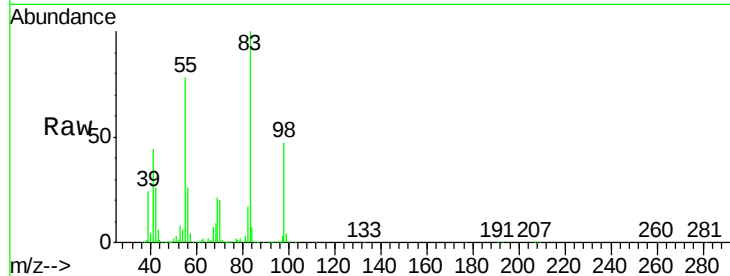
#39
Methylvlcvclohexane
Concen: 50.846 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY00520

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	63.0	94.6
98	47.4	39.7	59.5

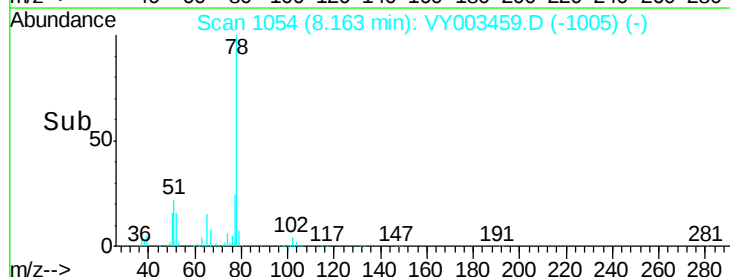
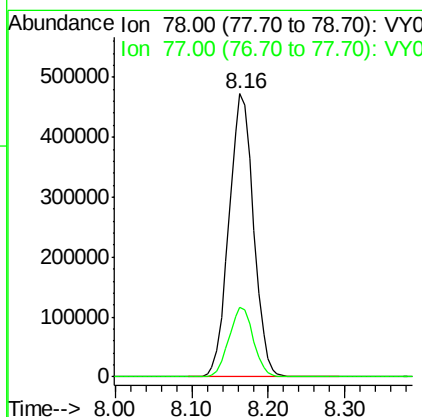
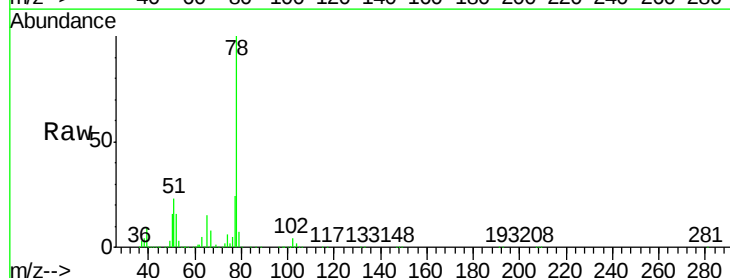
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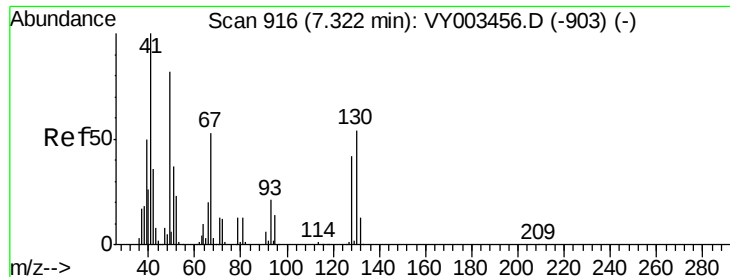
MMDadoda
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#40
Benzene
Concen: 48.918 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





#41

Methacrylonitrile

Concen: 40.810 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100520

Tot Ion: 41 Resp: 92857
Ion Ratio Lower Upper

41 100

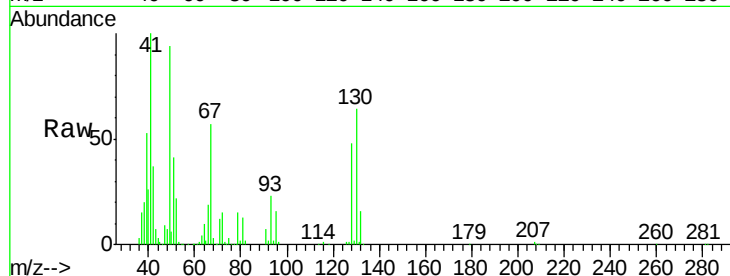
39 0.0 0.0 0.0

67 0.0 0.0 0.0

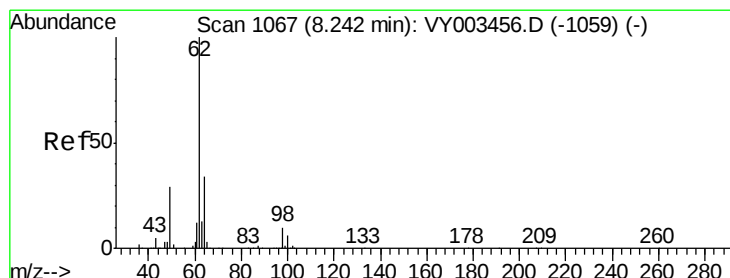
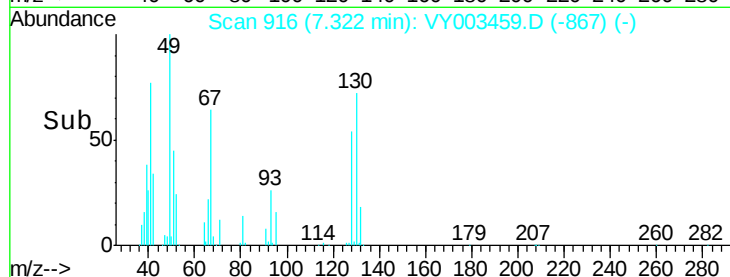
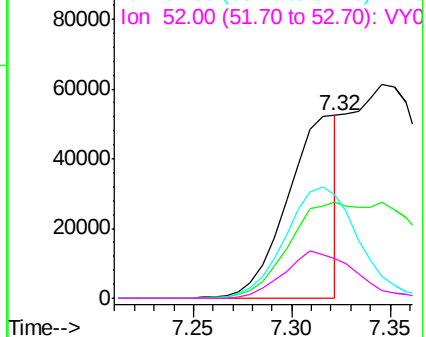
52 0.0 0.0 0.0

Manual Integrations
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Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 47.796 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

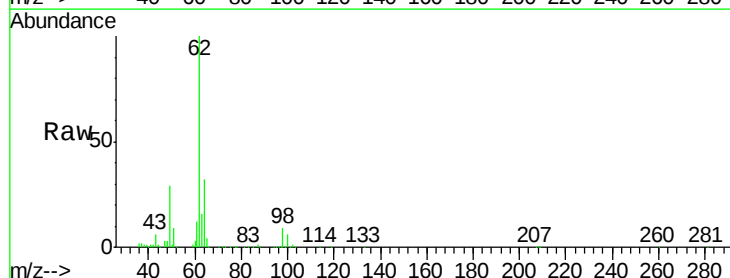
Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

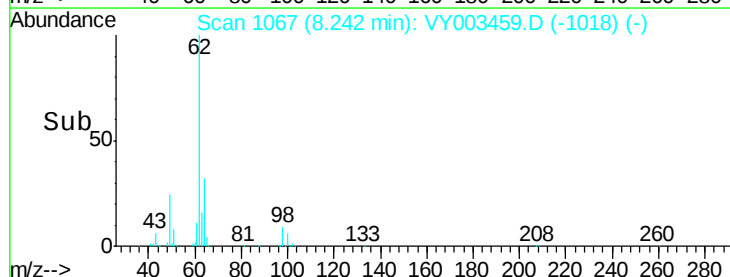
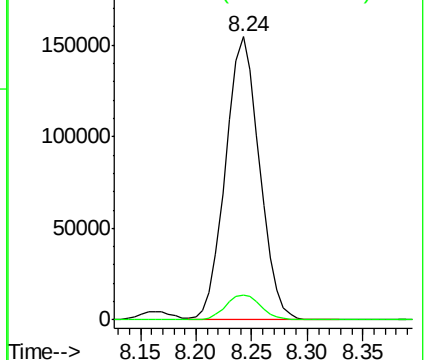
Tgt Ion: 62 Resp: 326918
Ion Ratio Lower Upper

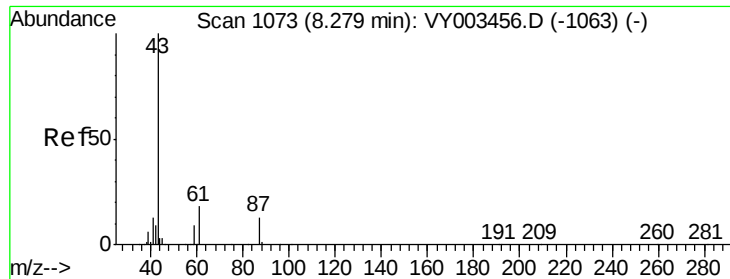
62 100

98 9.3 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

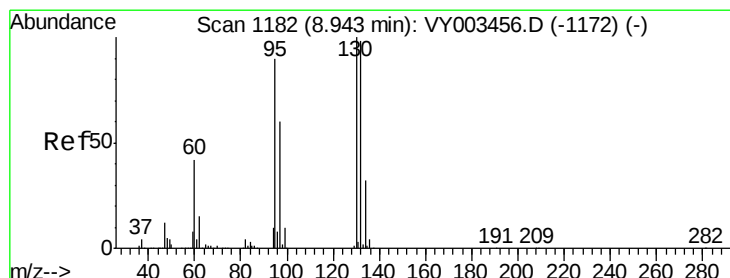
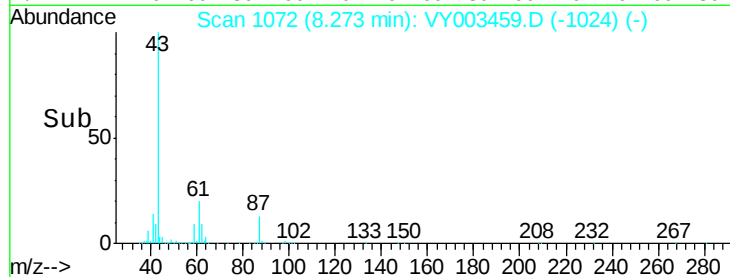
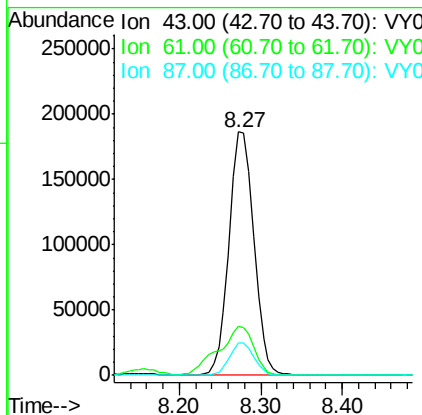
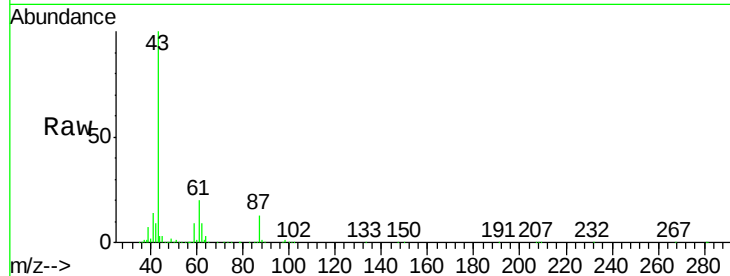
Isopropyl Acetate
 Concen: 46.876 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	22.7	34.1
87	13.2	10.4	15.6

Manual Integrations
 APPROVED

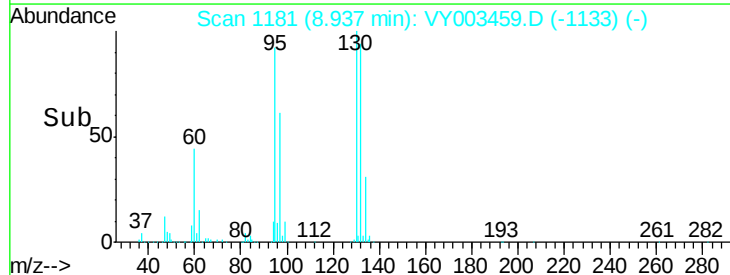
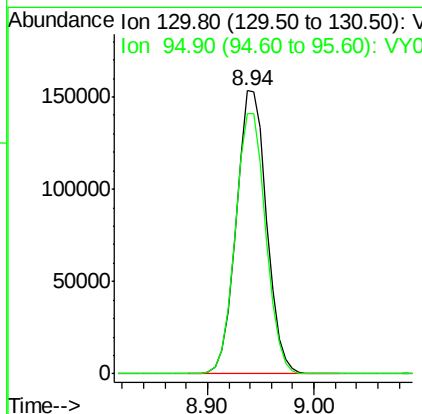
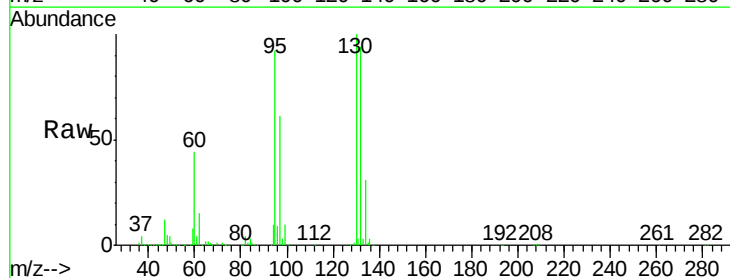
MMDadoda
 10/6/2020 12:55:46 PM

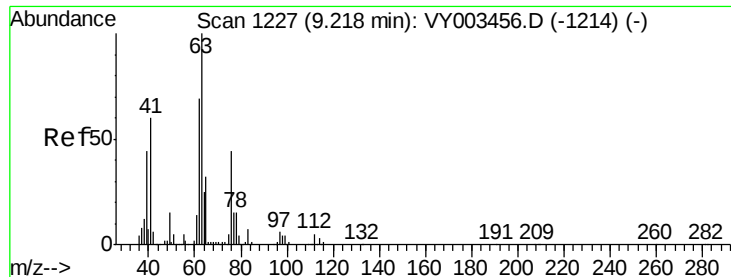


#44

Trichloroethene
 Concen: 48.589 ug/l
 RT: 8.94 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	180.6





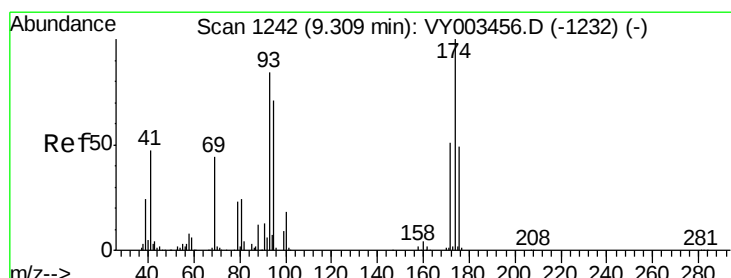
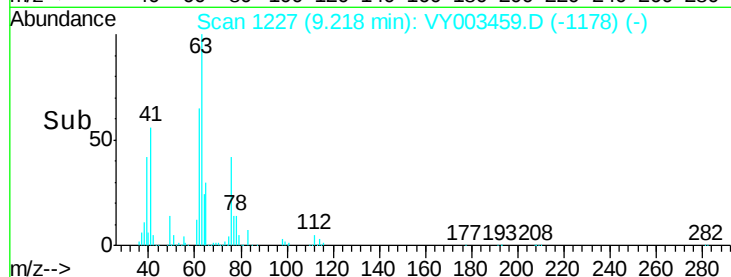
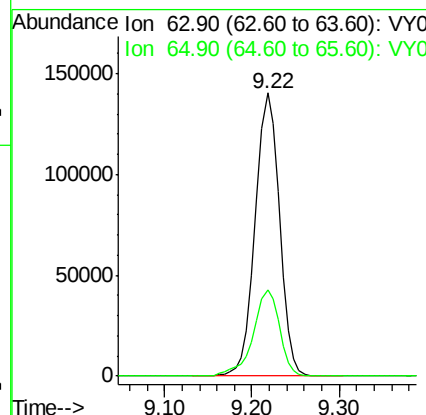
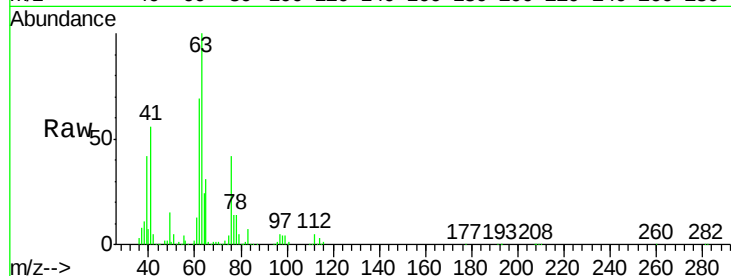
#45
 1,2-Dichloropropane
 Concen: 49.749 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	25.4	38.2

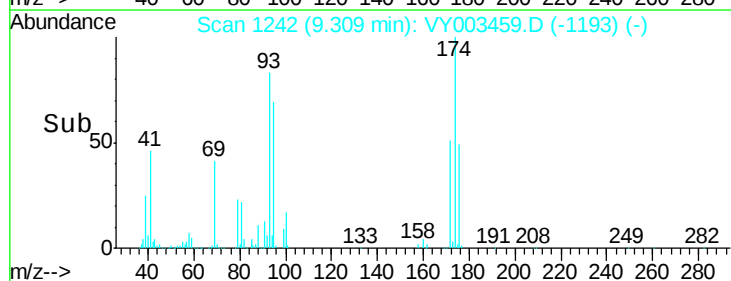
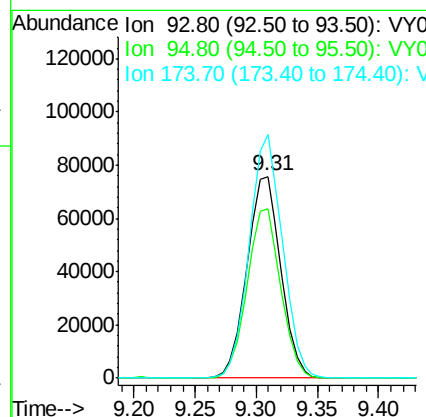
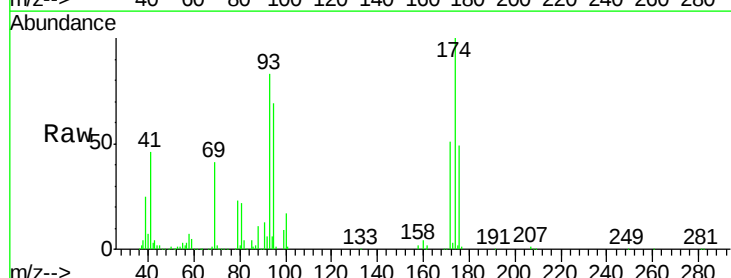
Manual Integrations
 APPROVED

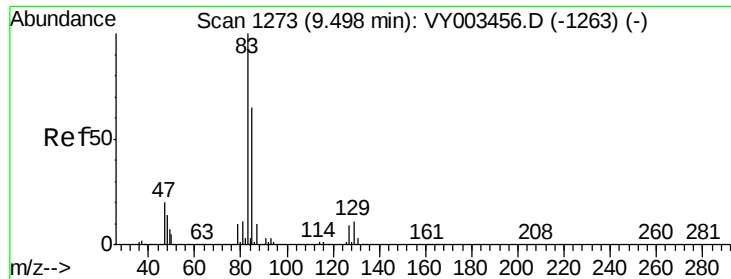
MMDadoda
 10/6/2020 12:55:46 PM



#46
 Dibromomethane
 Concen: 47.365 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	65.6	98.4
174	118.2	94.3	141.5





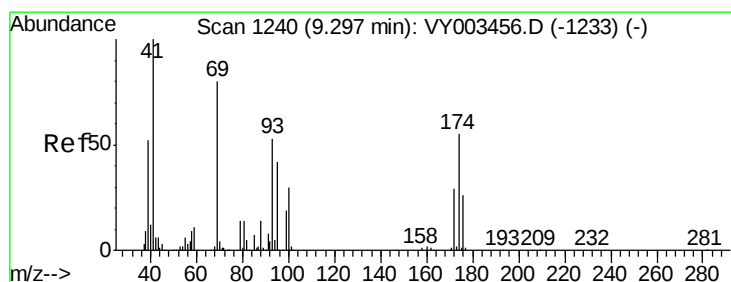
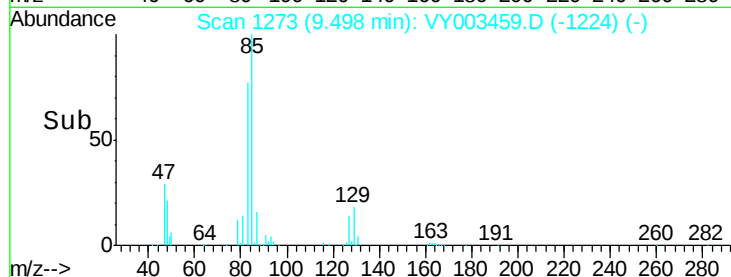
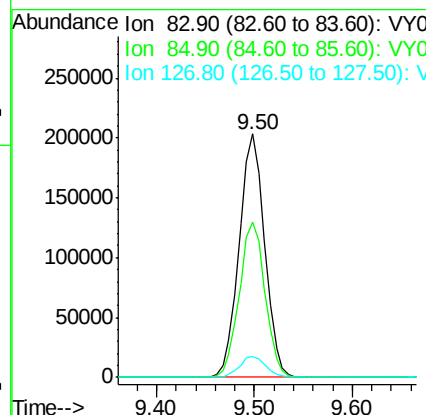
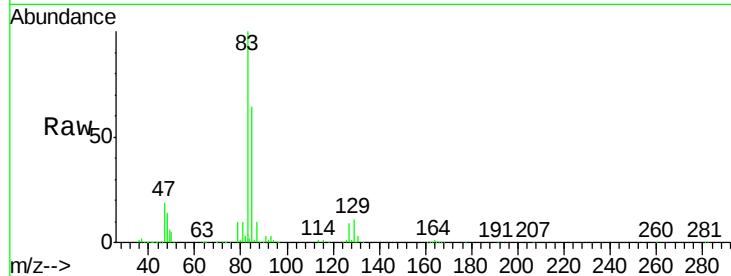
#47
Bromodichloromethane
Concen: 48.611 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	83	Resp	368055
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	52.1	78.1
127	8.8	7.5	11.3

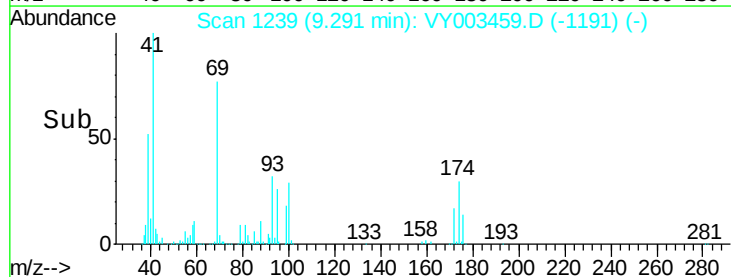
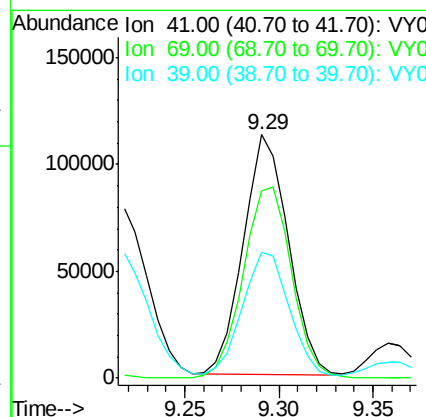
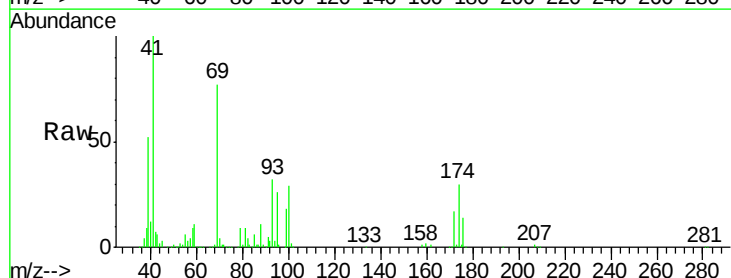
Manual Integrations
APPROVED

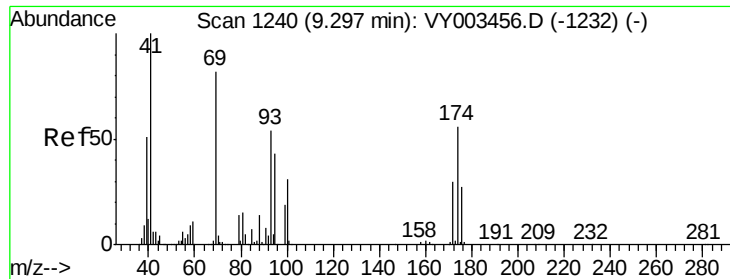
MMDadoda
10/6/2020 12:55:46 PM



#48
Methyl methacrylate
Concen: 47.329 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	41	Resp	187258
Ion Ratio	100	Lower	Upper
41	100		
69	85.2	66.3	99.5
39	55.1	45.2	67.8





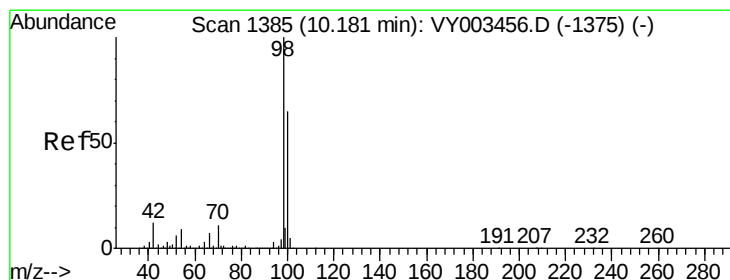
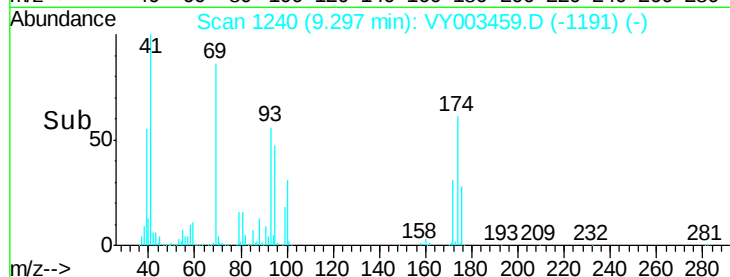
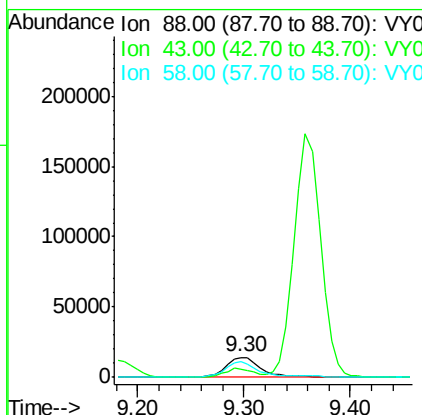
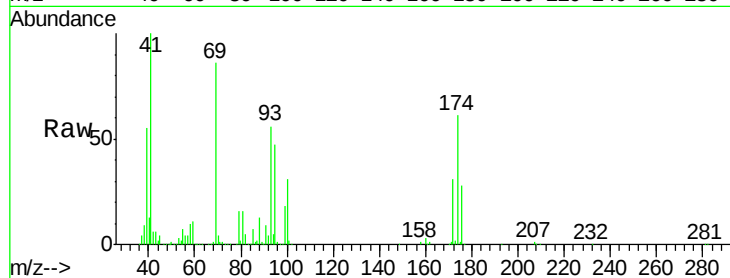
#49
1,4-Dioxane
Concen: 906.600 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	28.6	43.0
58	71.1	51.8	77.6

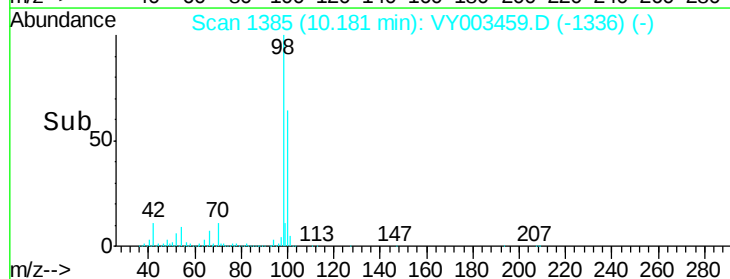
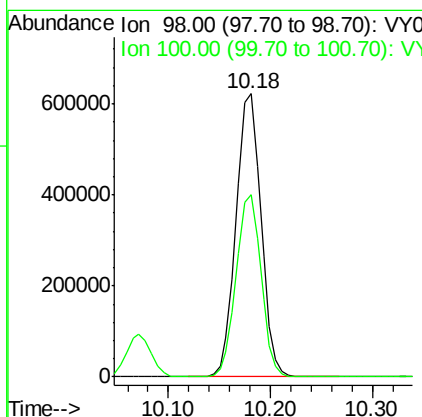
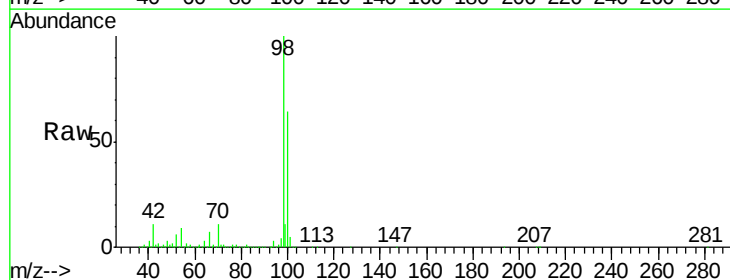
Manual Integrations
APPROVED

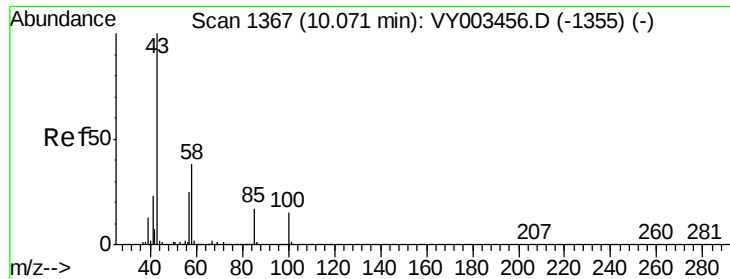
MMDadoda
10/6/2020 12:55:46 PM



#50
Toluene-d8
Concen: 51.869 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





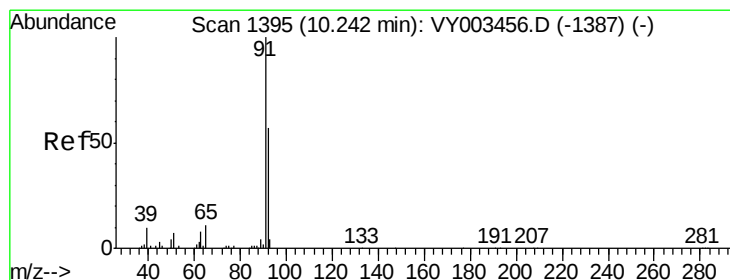
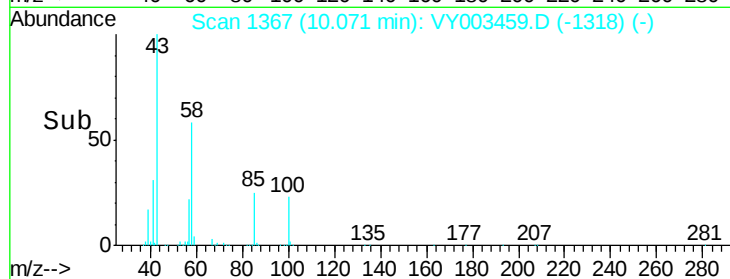
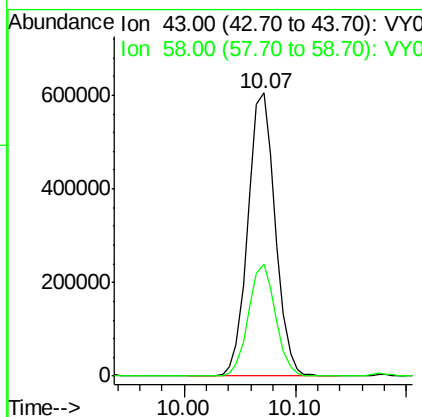
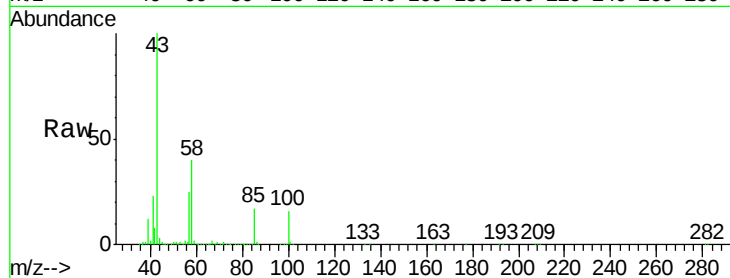
#51
4-Methyl-2-Pentanone
Concen: 232.289 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY00520

Tot Ion: 43 Resp: 1033258
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

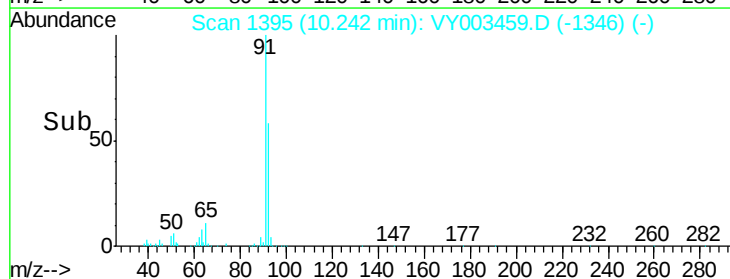
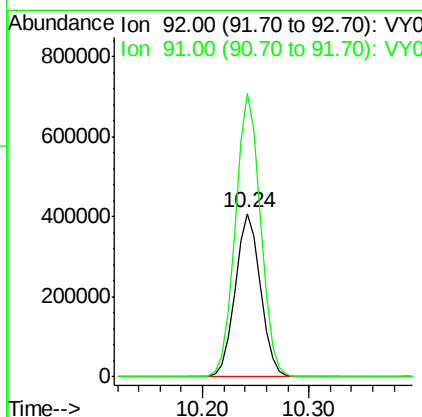
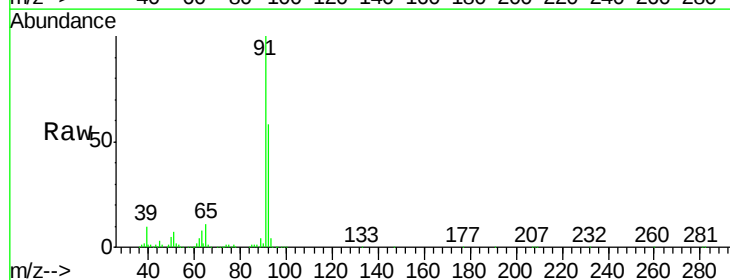
Manual Integrations
APPROVED

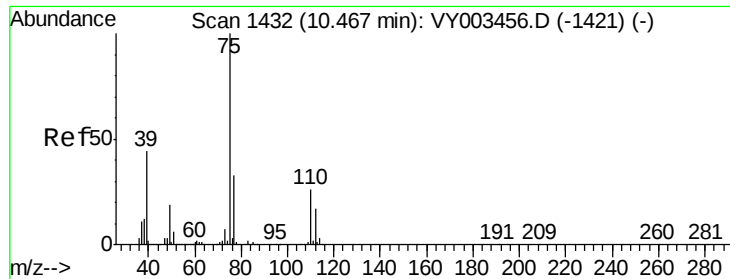
MMDadoda
10/6/2020 12:55:46 PM



#52
Toluene
Concen: 49.037 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion: 92 Resp: 677258
Ion Ratio Lower Upper
92 100
91 173.8 140.0 210.0





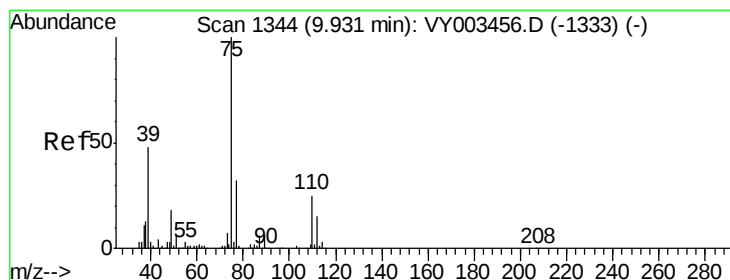
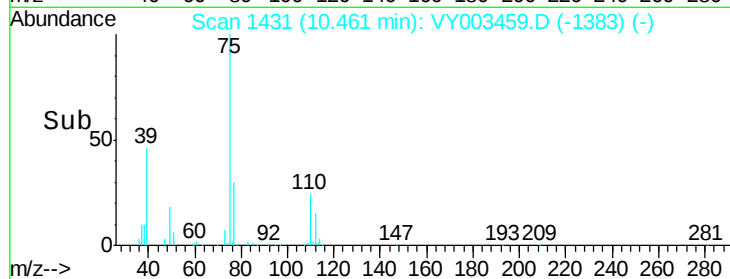
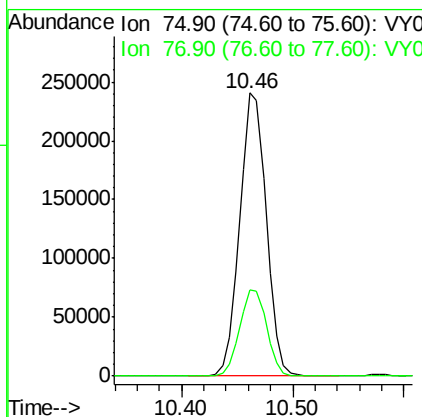
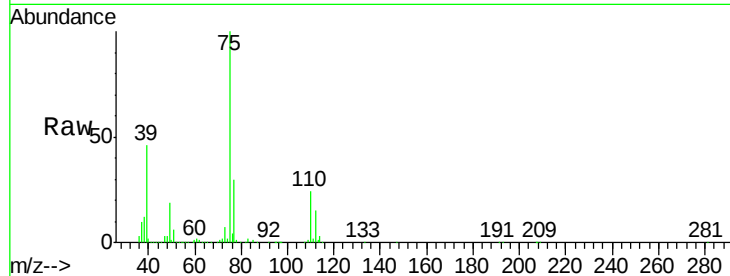
#53
t-1,3-Dichloropropene
Concen: 49.092 ug/l
RT: 10.46 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampled :
ICVY00520

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.4	26.0	39.0

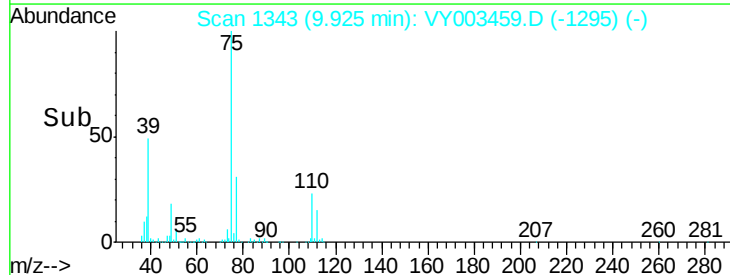
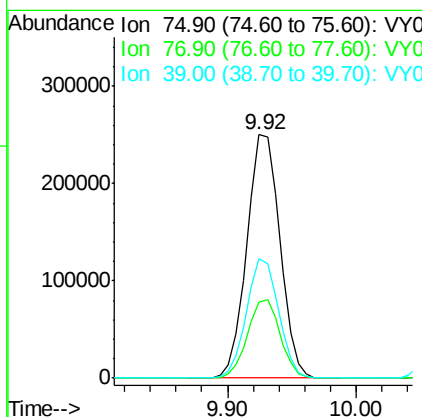
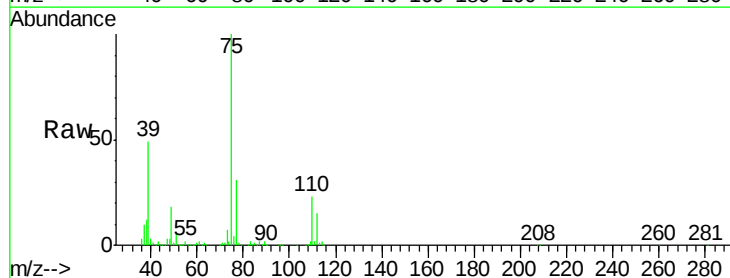
Manual Integrations
APPROVED

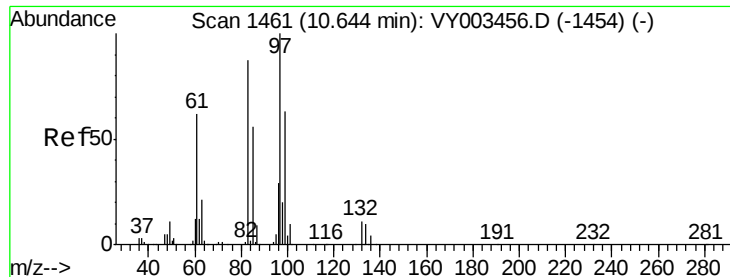
MMDadoda
10/6/2020 12:55:46 PM



#54
cis-1,3-Dichloropropene
Concen: 49.054 ug/l
RT: 9.92 min Scan# 1343
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.9	38.9
39	49.0	38.7	58.1





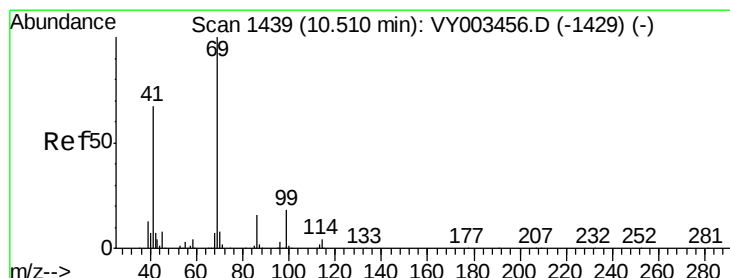
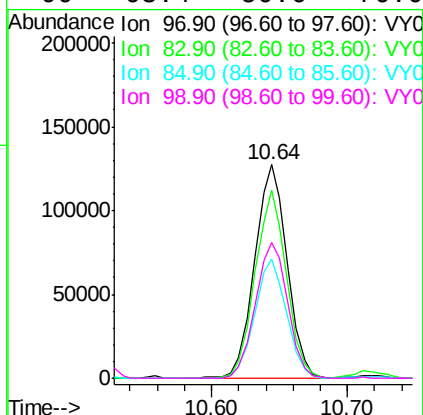
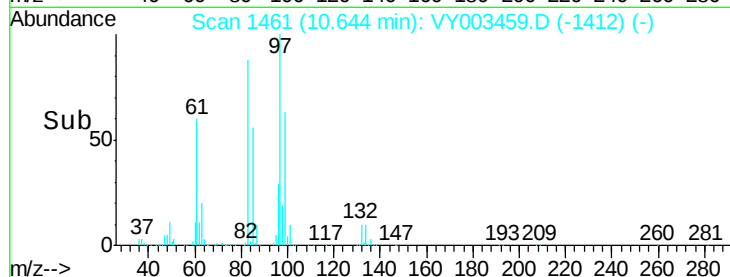
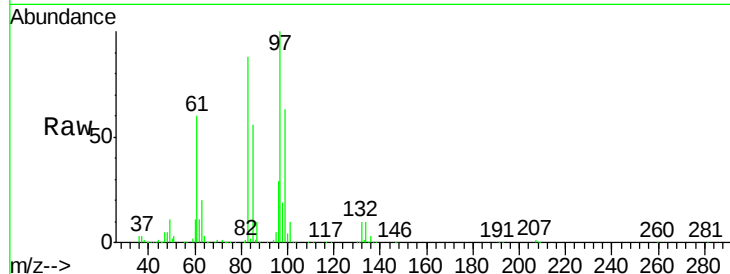
#55
 1,1,2-Trichloroethane
 Concen: 47.964 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		211801		
83	87.8	69.9	104.9		
85	55.8	44.5	66.7		
99	63.4	50.6	76.0		

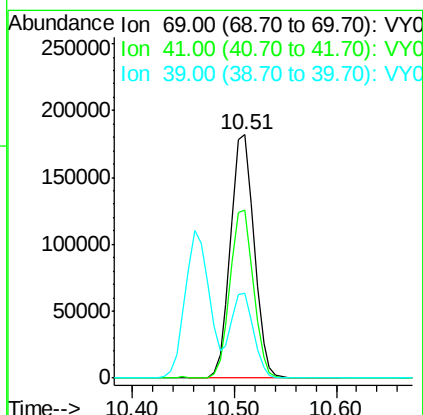
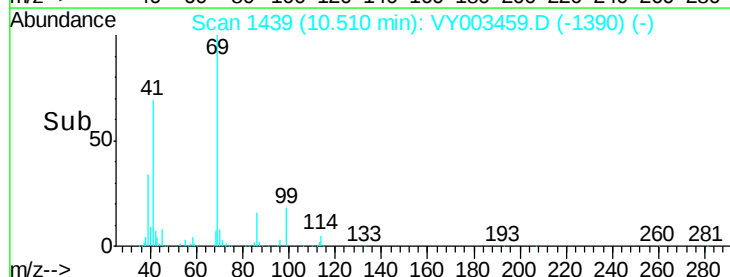
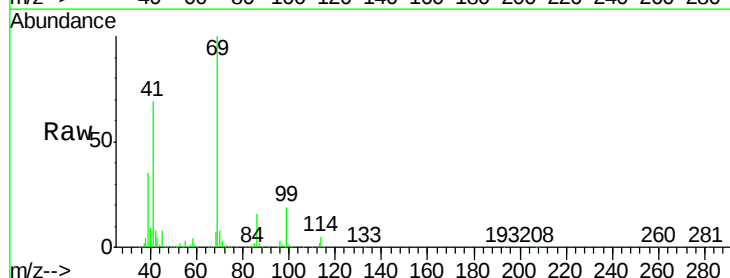
Manual Integrations
 APPROVED

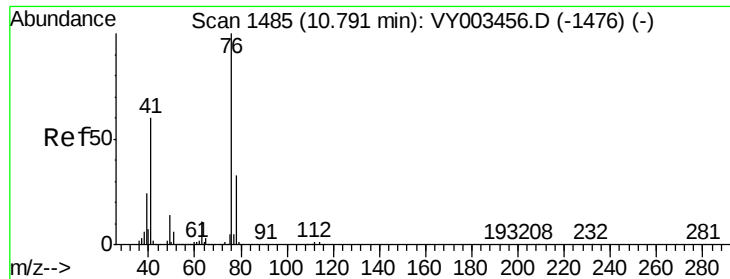
MMDadoda
 10/6/2020 12:55:46 PM



#56
 Ethyl methacrylate
 Concen: 48.789 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		289855		
41	68.3	55.4	83.2		
39	34.2	28.8	43.2		





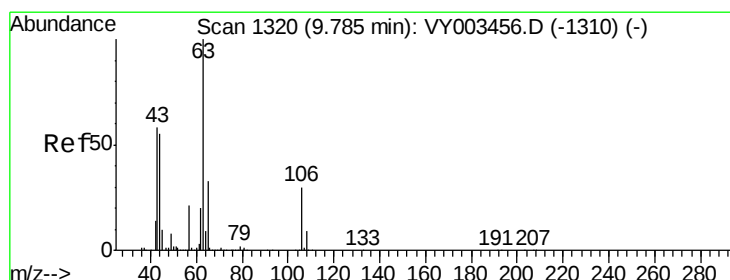
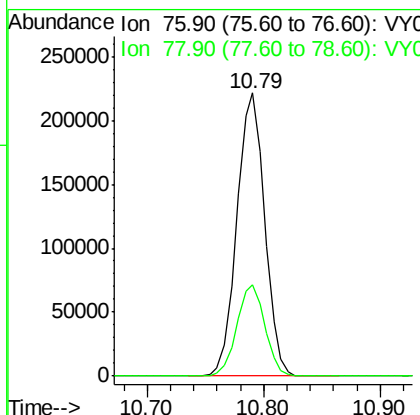
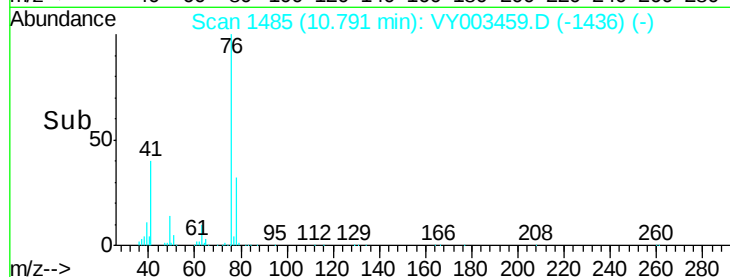
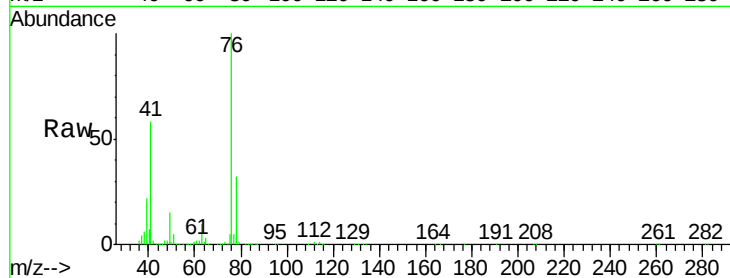
#57
 1,3-Dichloropropane
 Concen: 48.229 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion: 76 Resp: 369345
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.2

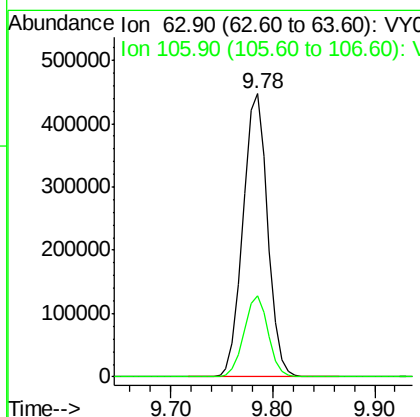
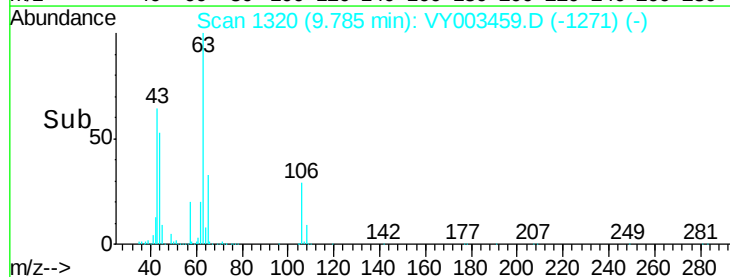
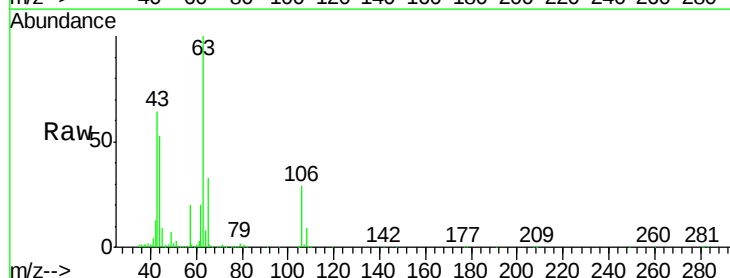
Manual Integrations
 APPROVED

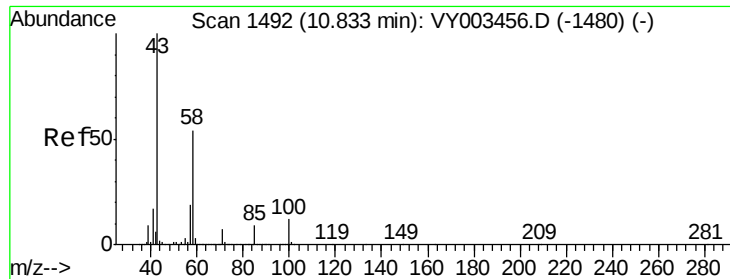
MMDadoda
 10/6/2020 12:55:46 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.315 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion: 63 Resp: 748022
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.8 34.2





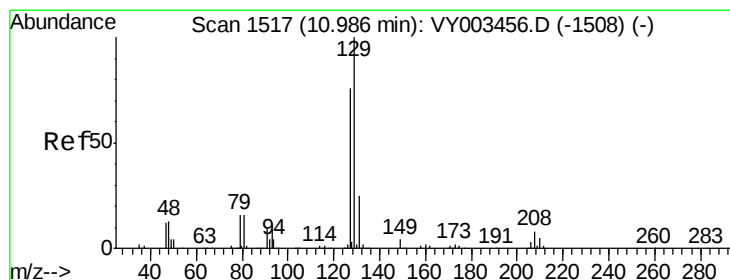
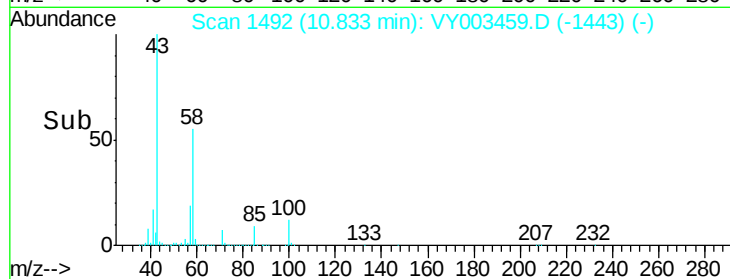
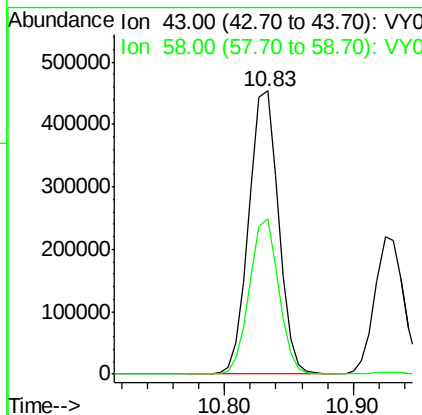
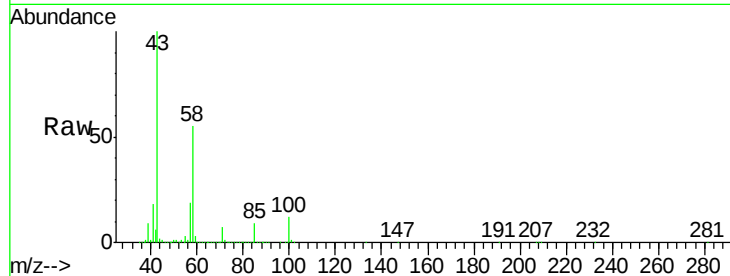
#59
2-Hexanone
Concen: 230.228 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY00520

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	26.8	80.3

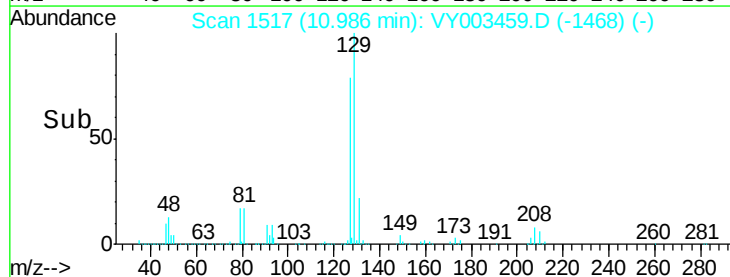
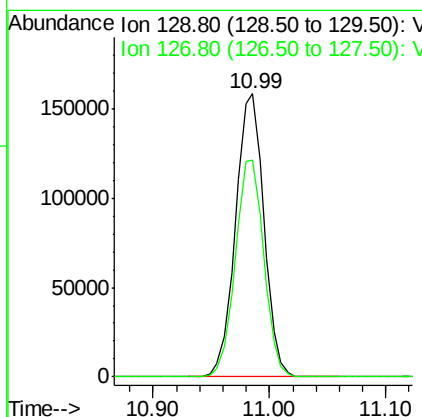
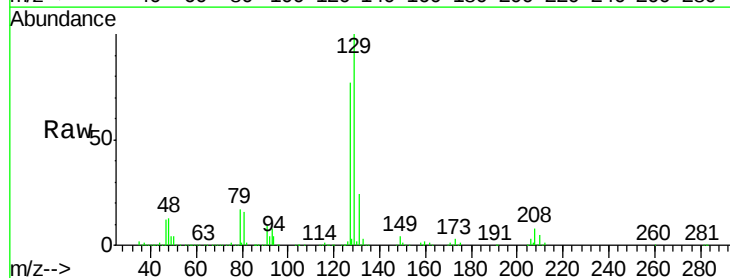
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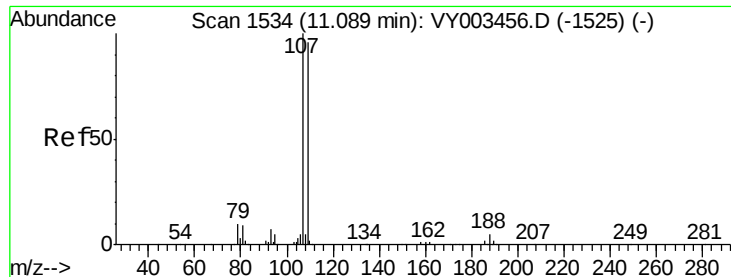
MMDadoda
10/6/2020 12:55:46 PM



#60
Dibromochloromethane
Concen: 48.051 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	116.0





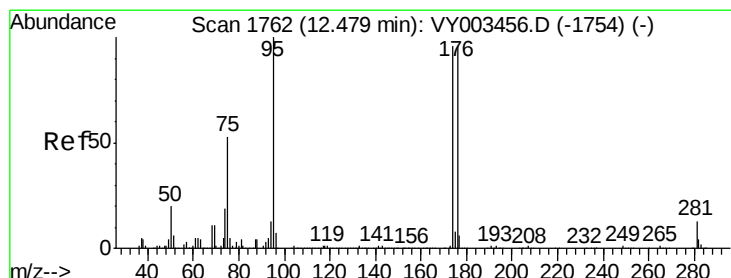
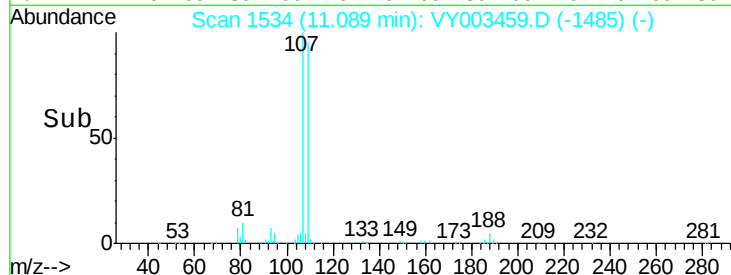
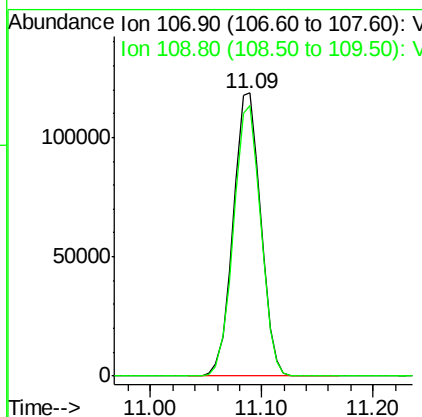
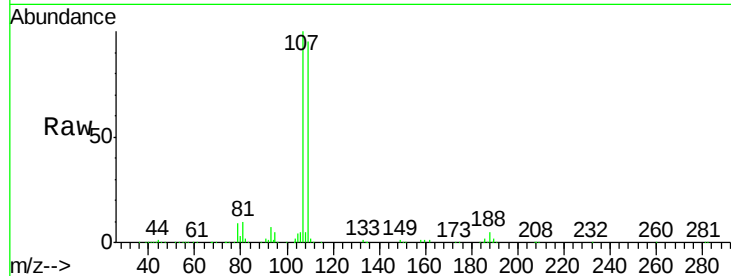
#61
 1,2-Dibromoethane
 Concen: 47.580 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.6	113.4

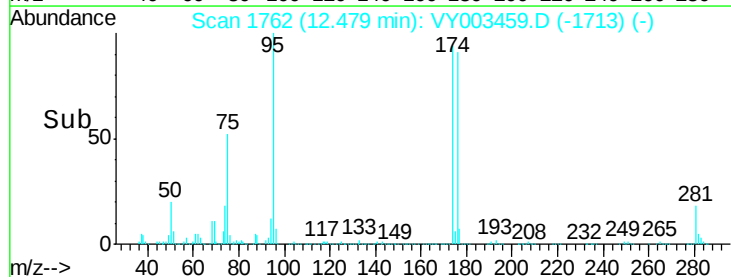
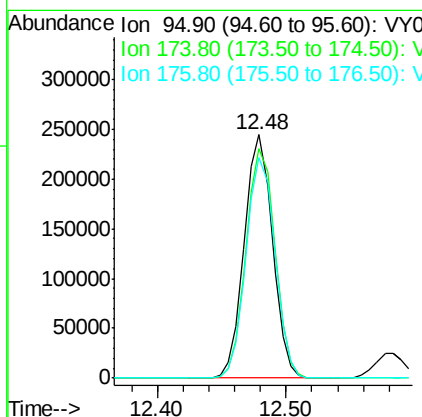
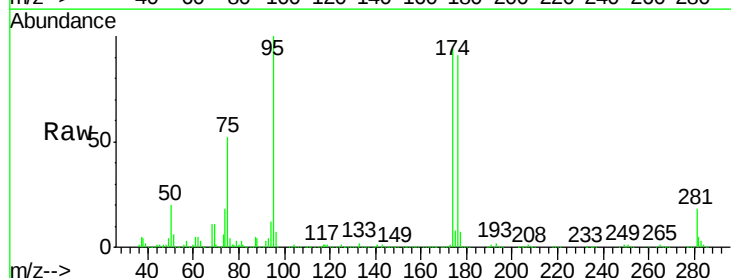
Manual Integrations
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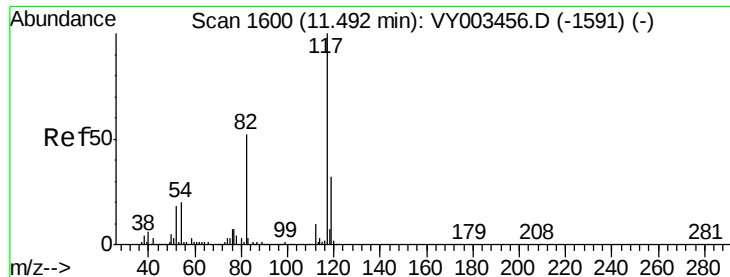
MMDadoda
 10/6/2020 12:55:46 PM



#62
 4-Bromofluorobenzene
 Concen: 52.653 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.5	0.0	197.0
176	92.8	0.0	193.6





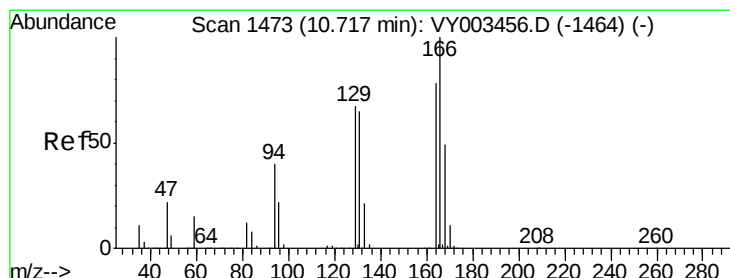
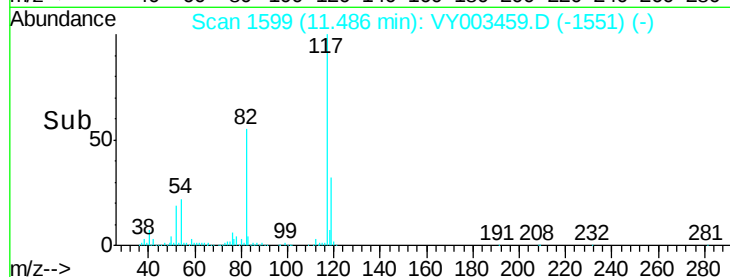
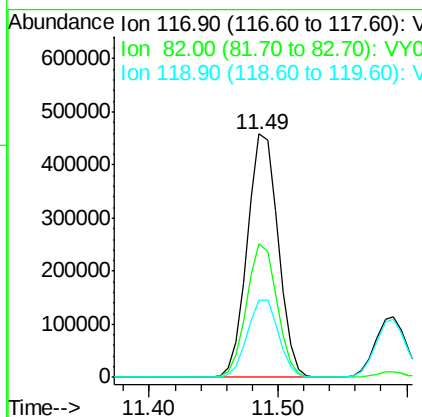
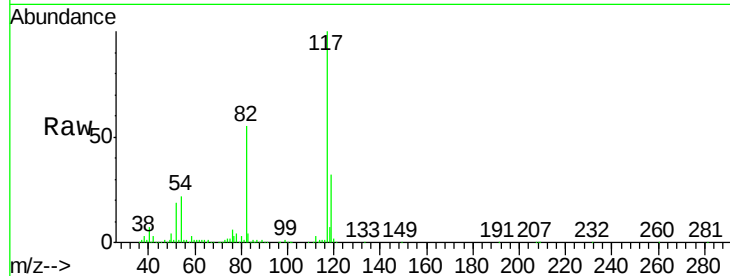
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Resp	Lower	Upper
117	100	754717		
82	55.0		41.7	62.5
119	31.6		25.3	37.9

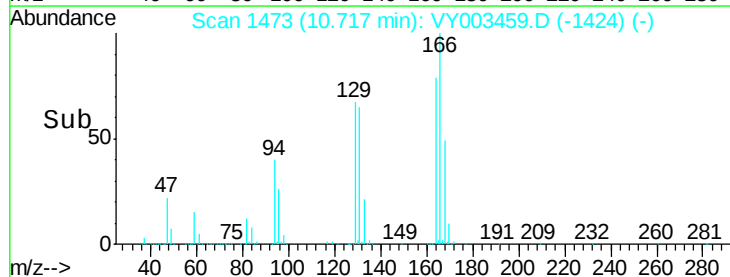
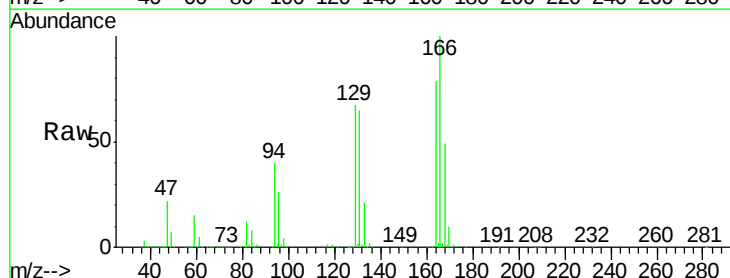
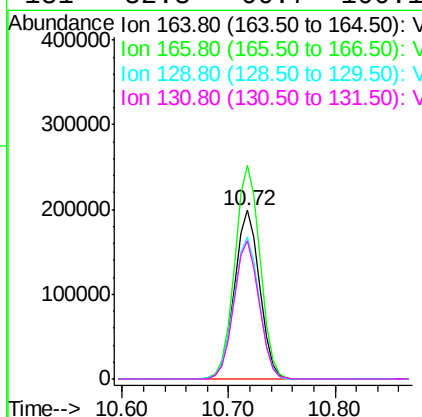
Manual Integrations
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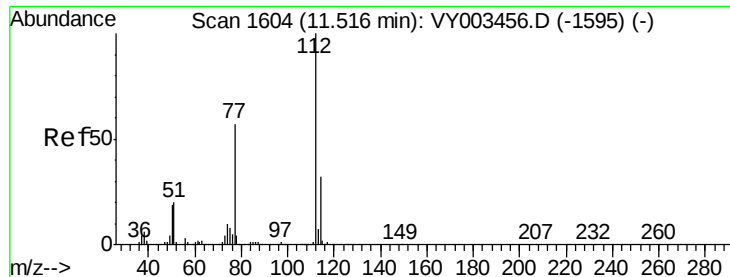
MMDadoda
10/6/2020 12:55:46 PM



#64
Tetrachloroethene
Concen: 48.333 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	328748		
166	126.6		103.0	154.6
129	84.5		68.9	103.3
131	82.3		66.7	100.1





#65

Chlorobenzene

Concen: 49.172 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100520

Tot Ion:112 Resp: 741478

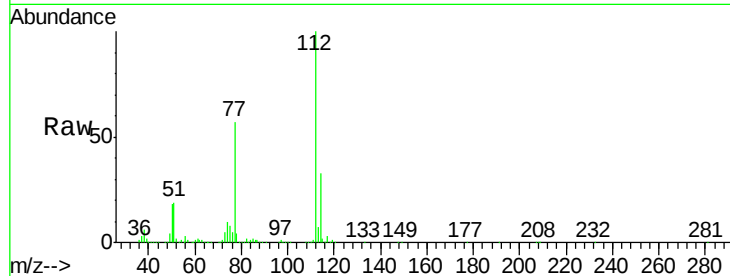
Ion Ratio Lower Upper

112 100

114 33.5 25.8 38.6

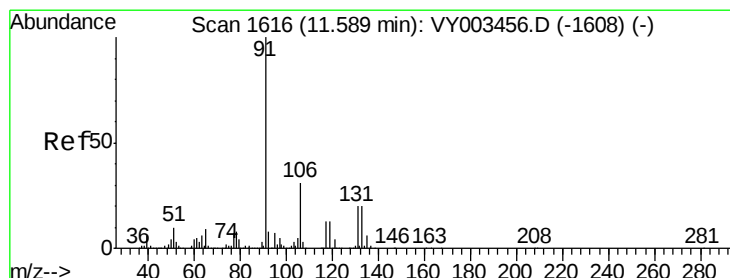
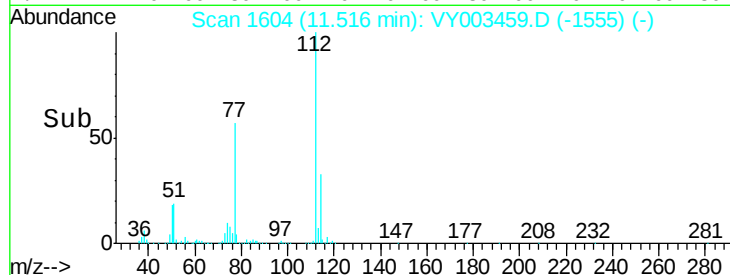
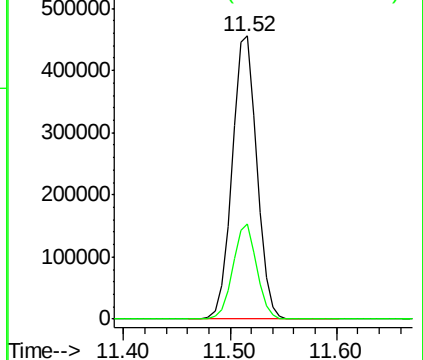
Manual Integrations
APPROVED

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10/6/2020 12:55:46 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.402 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

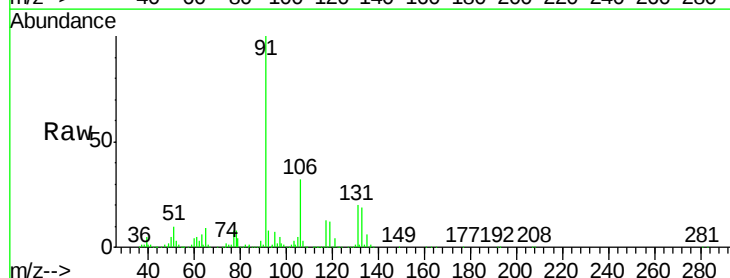
Tgt Ion:131 Resp: 283715

Ion Ratio Lower Upper

131 100

133 95.5 48.3 144.8

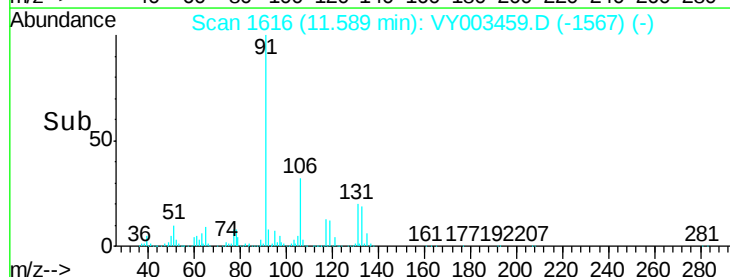
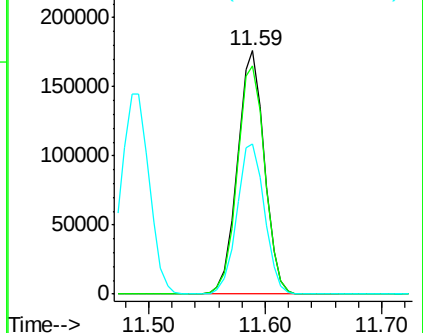
119 63.1 31.5 94.5

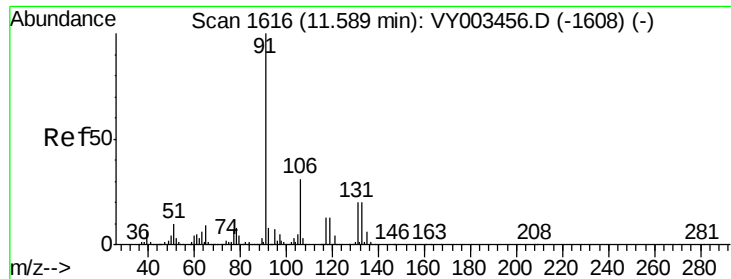


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 49.818 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY00520

Tot Ion: 91 Resp: 1345329

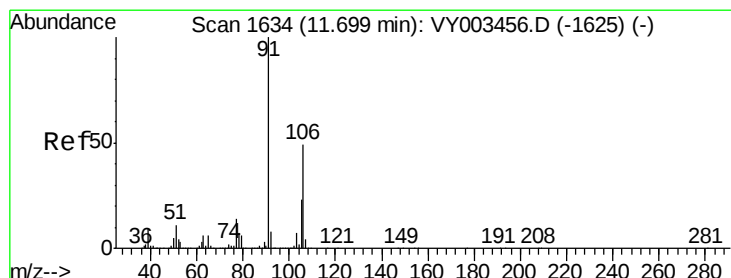
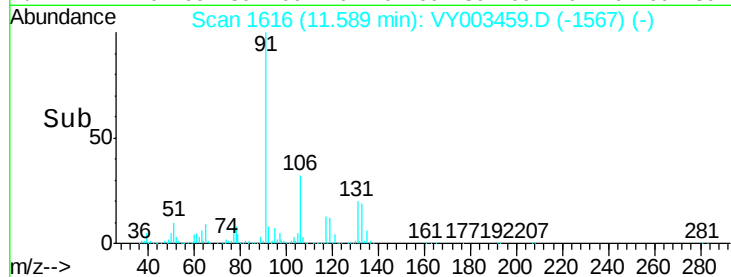
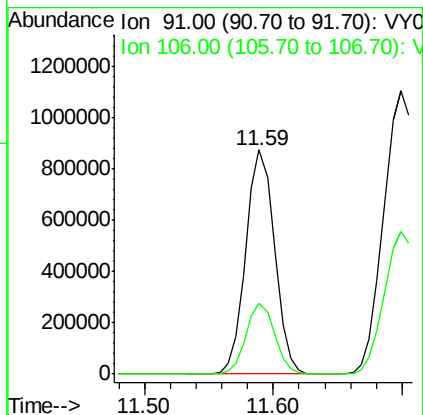
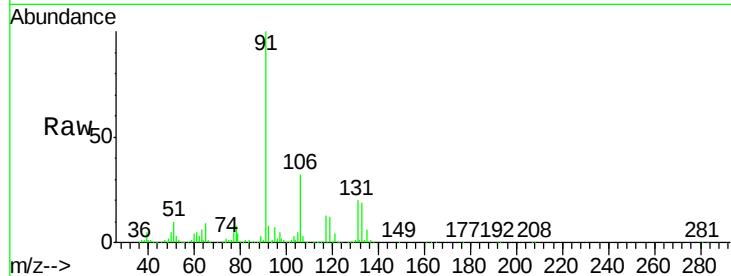
Ion Ratio Lower Upper

91 100

106 31.6 25.2 37.8

Manual Integrations
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#68

m/p-Xylenes

Concen: 99.409 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003459.D

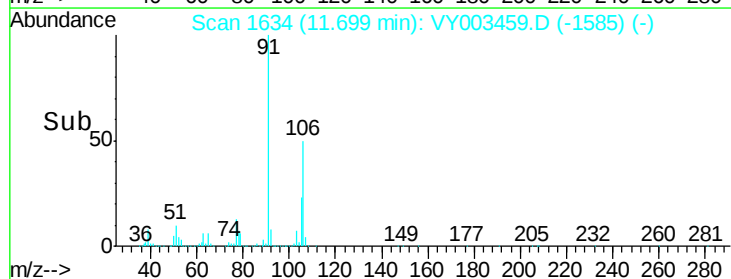
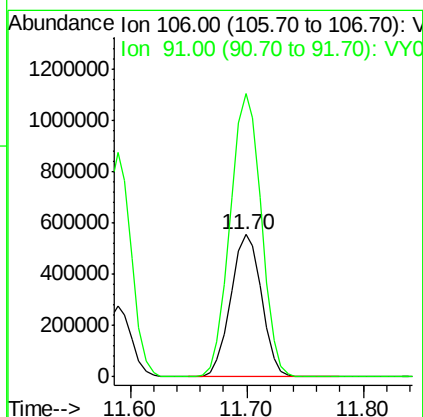
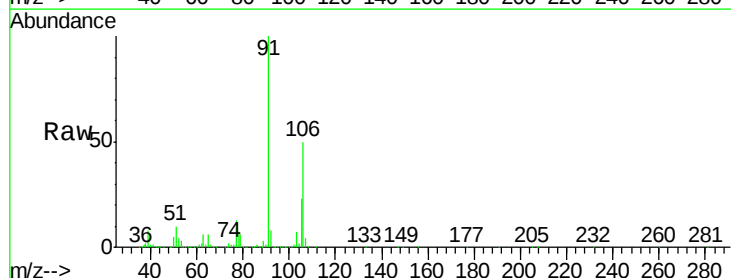
Acq: 05 Oct 2020 17:41

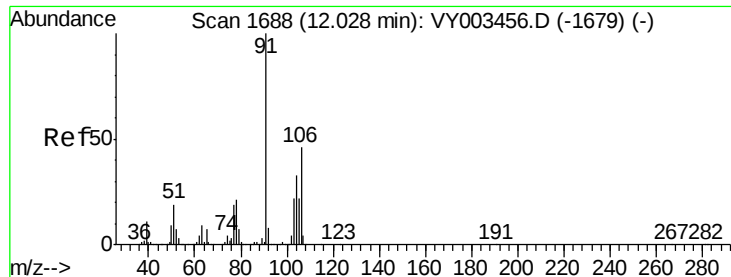
Tgt Ion: 106 Resp: 1024036

Ion Ratio Lower Upper

106 100

91 200.8 160.9 241.3





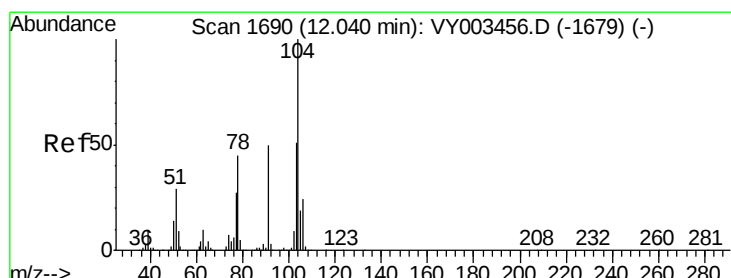
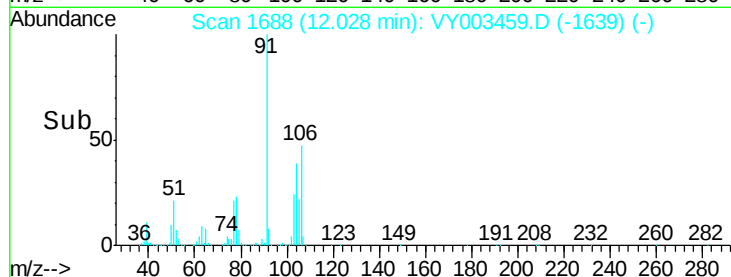
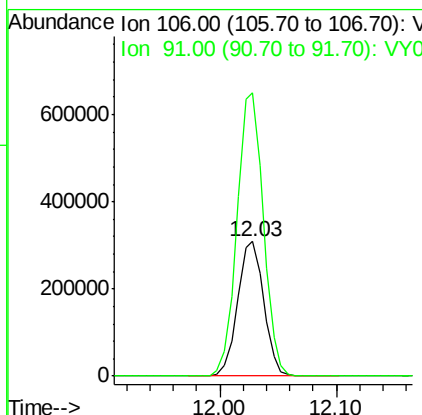
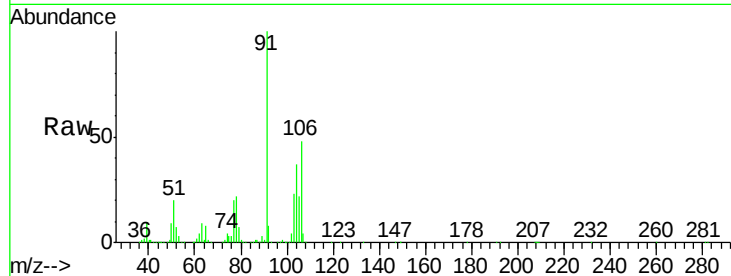
#69
o-Xylene
Concen: 50.126 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVY00520

Tot Ion:106 Resp: 484867
Ion Ratio Lower Upper
106 100
91 211.3 106.8 320.4

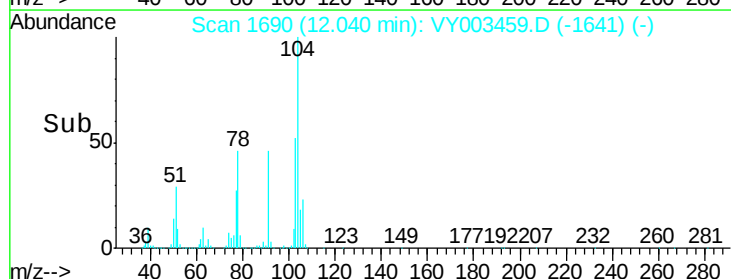
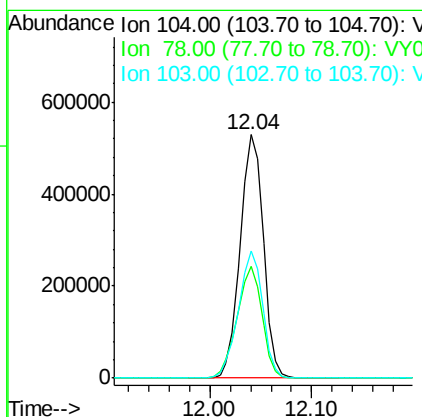
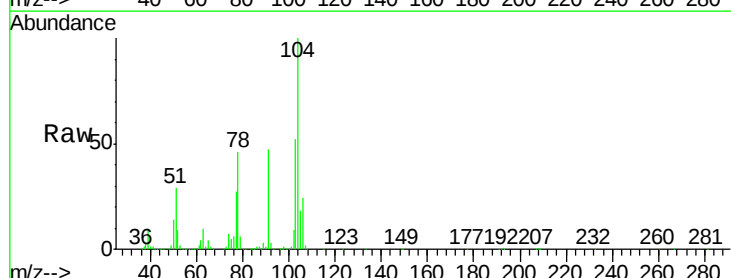
Manual Integrations
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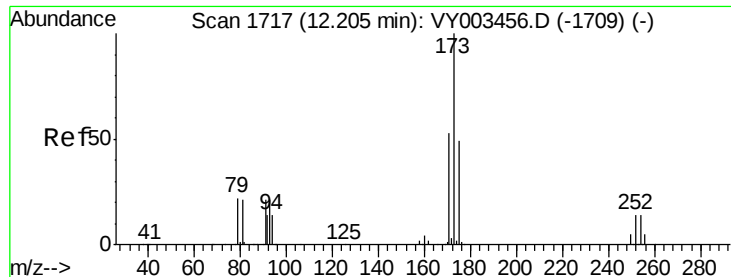
MMDadoda
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#70
Styrene
Concen: 50.486 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion:104 Resp: 832443
Ion Ratio Lower Upper
104 100
78 49.4 39.0 58.6
103 54.9 44.2 66.4





#71

Bromoform

Concen: 47.979 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY100520

Tot Ion:173 Resp: 183730

Ion Ratio Lower Upper

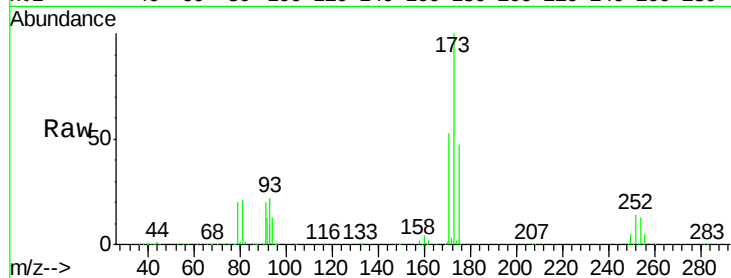
173 100

175 48.3 24.9 74.7

254 0.2 0.2 0.4#

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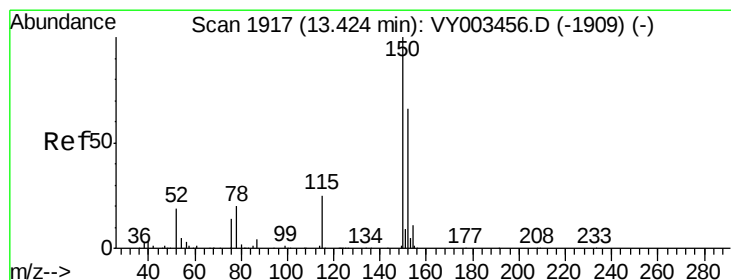
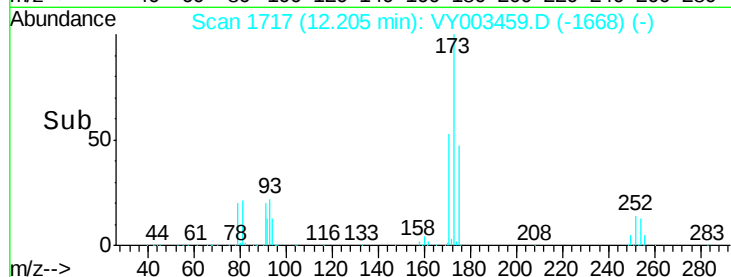
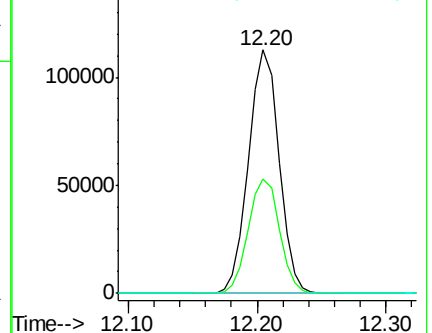
MMDadoda
10/6/2020 12:55:46 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

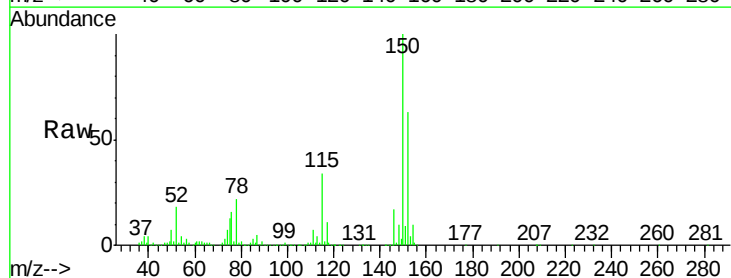
Tgt Ion:152 Resp: 411708

Ion Ratio Lower Upper

152 100

115 53.9 27.0 80.8

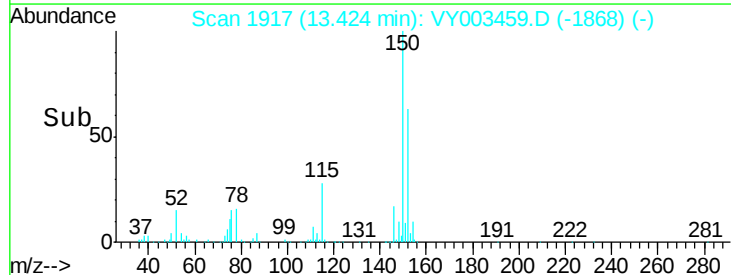
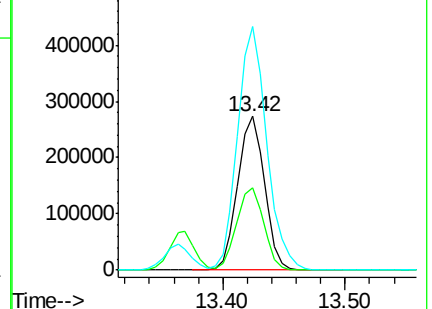
150 172.9 0.0 343.6

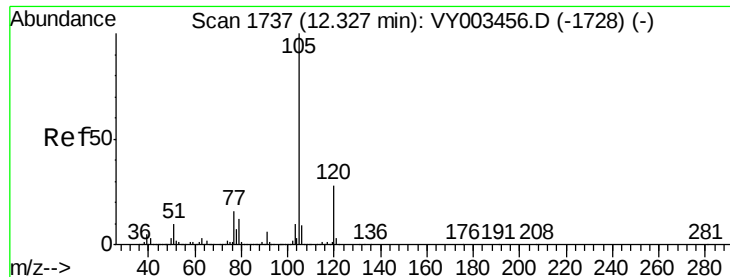


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.682 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY00520

Tot Ion: 105 Resp: 1332059

Ion Ratio Lower Upper

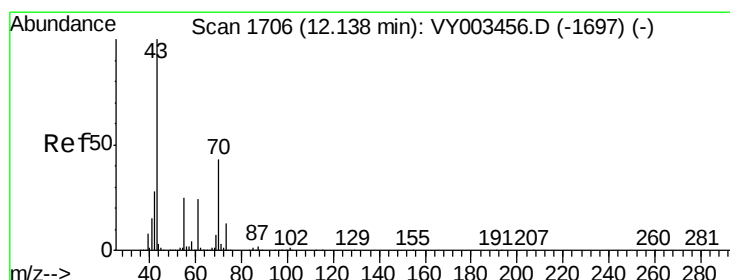
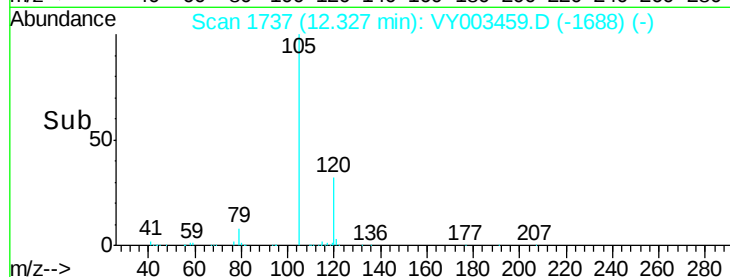
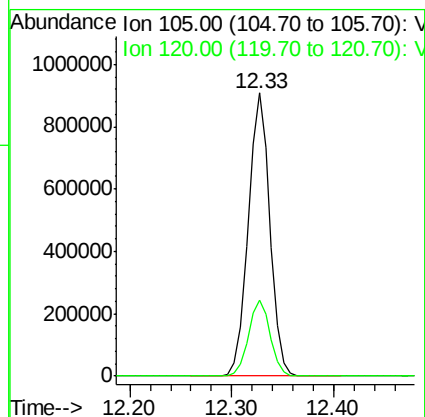
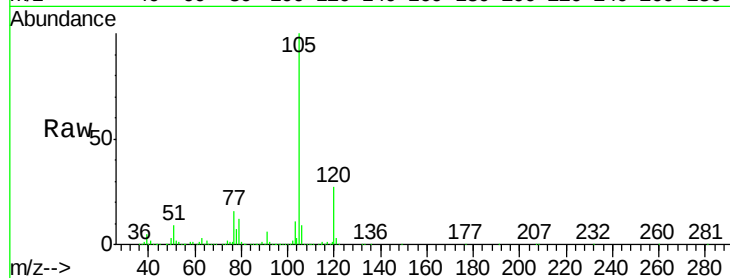
105 100

120 26.9 13.7 41.0

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#74

N-ethyl acetate

Concen: 49.630 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion: 43 Resp: 368378

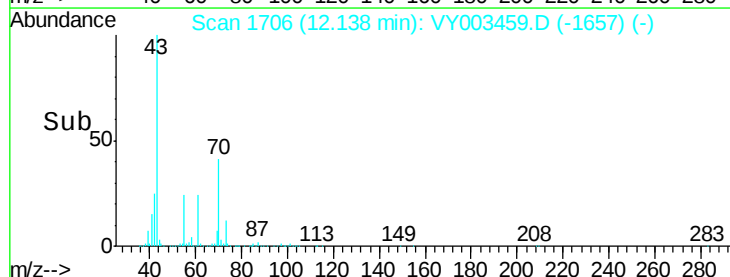
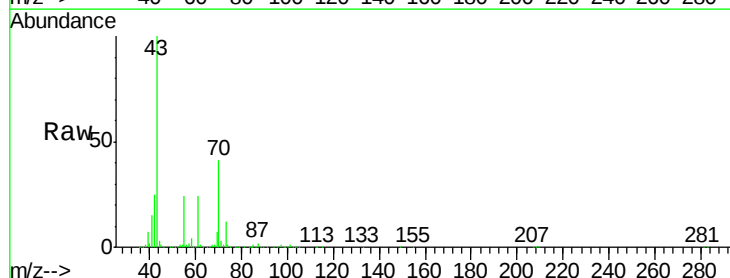
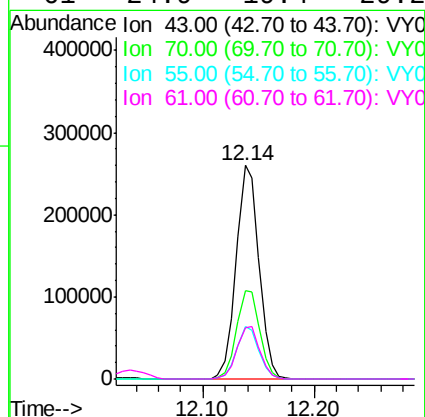
Ion Ratio Lower Upper

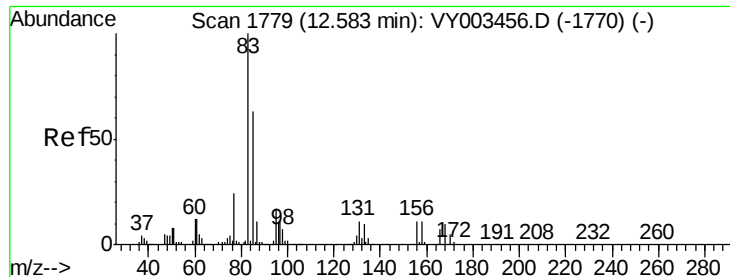
43 100

70 42.2 34.0 51.0

55 24.3 19.5 29.3

61 24.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.557 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY00520

Tot Ion: 83 Resp: 241474
Ion Ratio Lower Upper

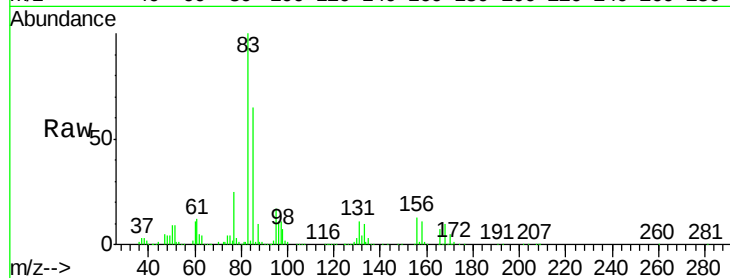
83 100

131 11.3 5.6 16.8

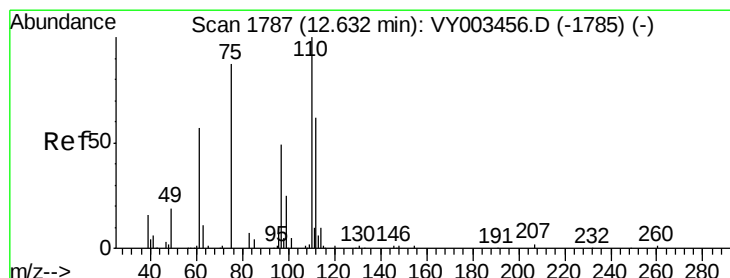
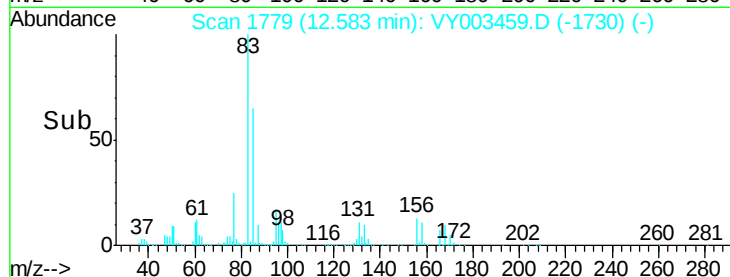
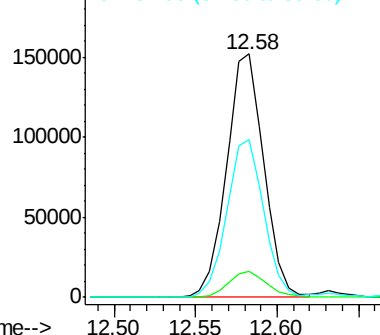
85 64.7 32.0 96.0

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 47.952 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

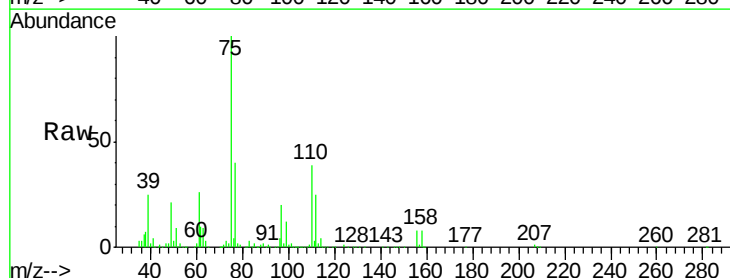
Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

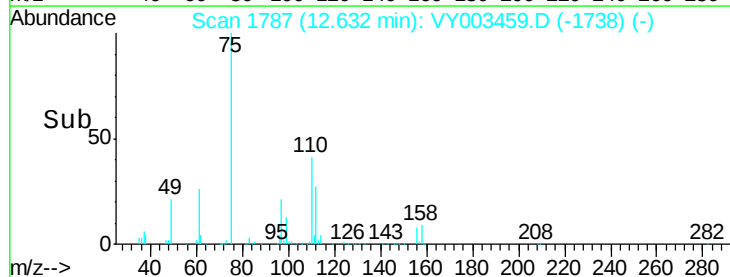
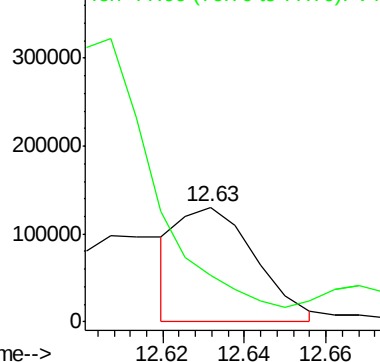
Tgt Ion: 75 Resp: 170712
Ion Ratio Lower Upper

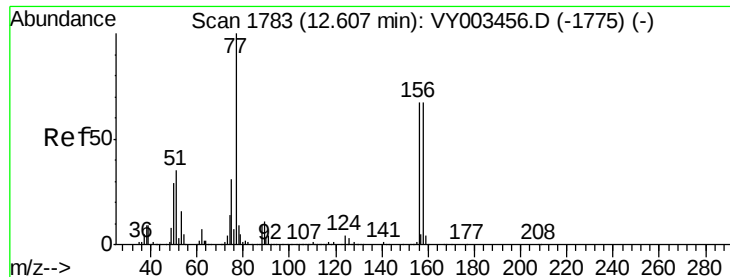
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





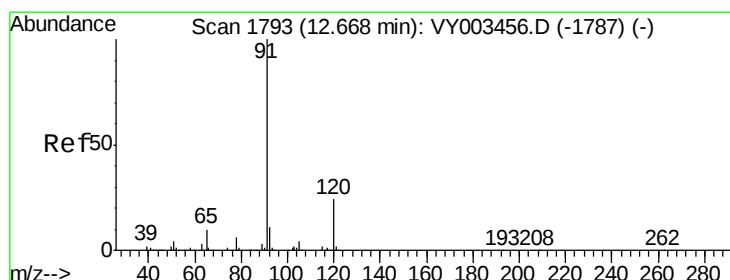
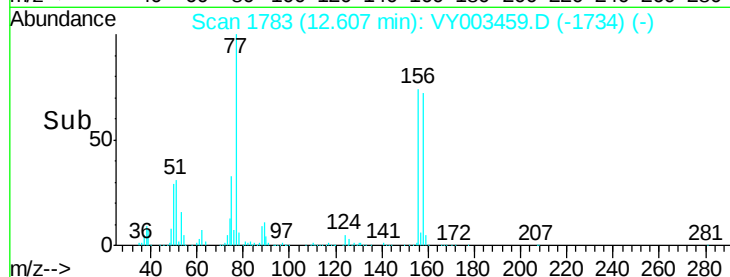
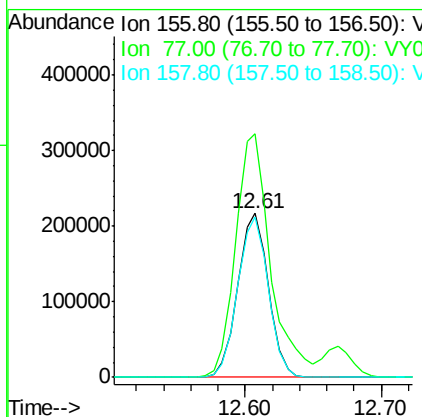
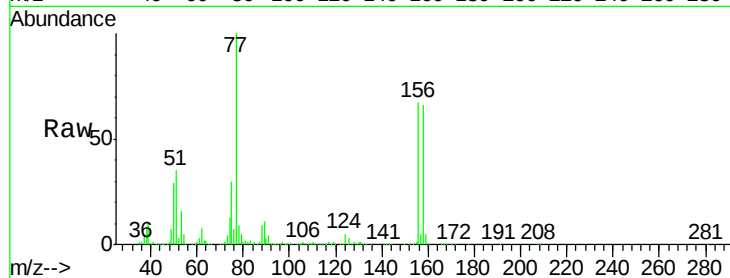
#77
Bromobenzene
Concen: 49.574 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.8	84.5	253.4
158	97.5	49.4	148.2

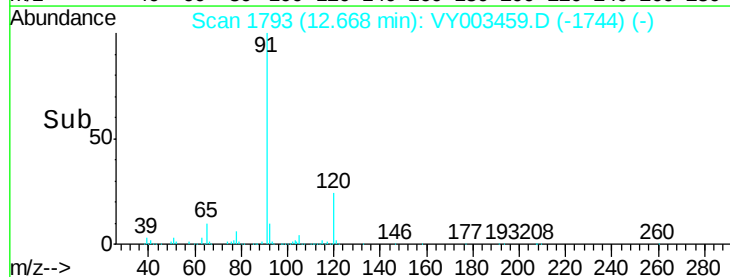
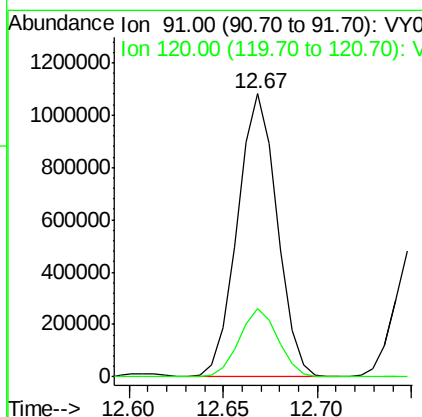
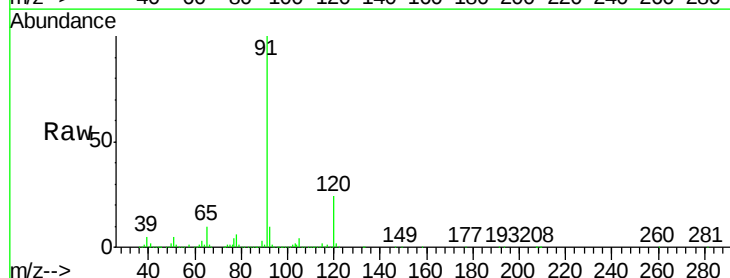
Manual Integrations
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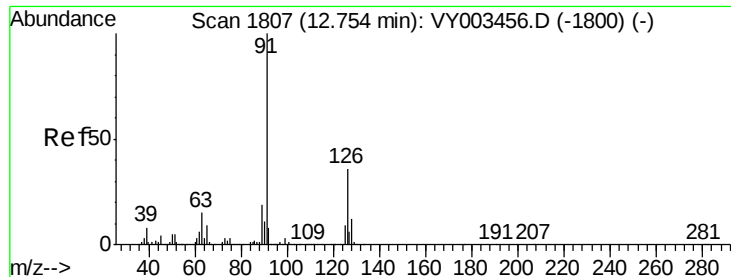
MMDadoda
10/6/2020 12:55:46 PM



#78
n-propylbenzene
Concen: 51.429 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.852 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

ClientSampleId :

ICVY00520

Tot Ion: 91 Resp: 876375

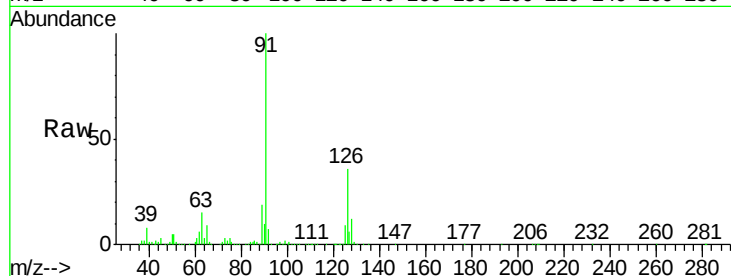
Ion Ratio Lower Upper

91 100

126 35.8 17.8 53.3

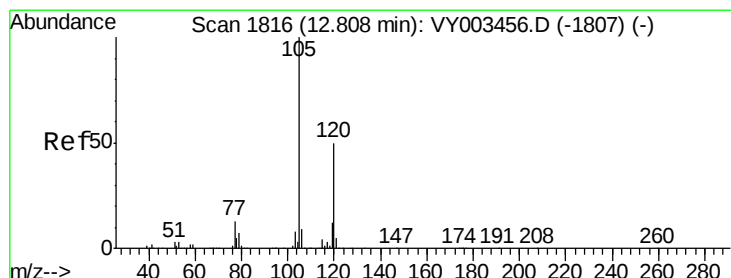
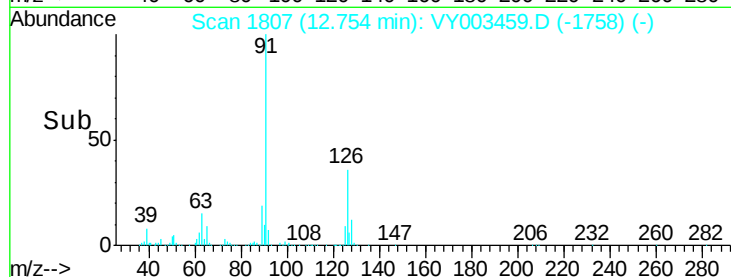
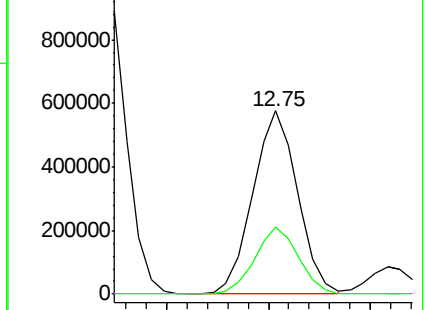
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY003459.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003459.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.948 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003459.D

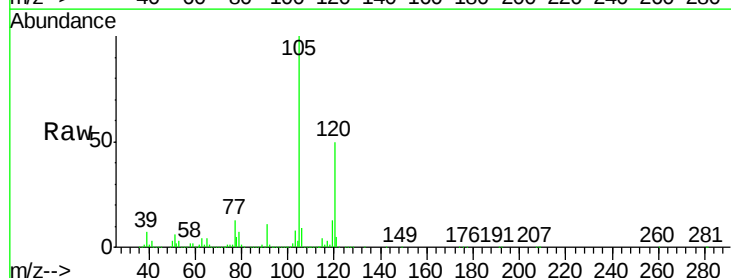
Acq: 05 Oct 2020 17:41

Tgt Ion: 105 Resp: 1148612

Ion Ratio Lower Upper

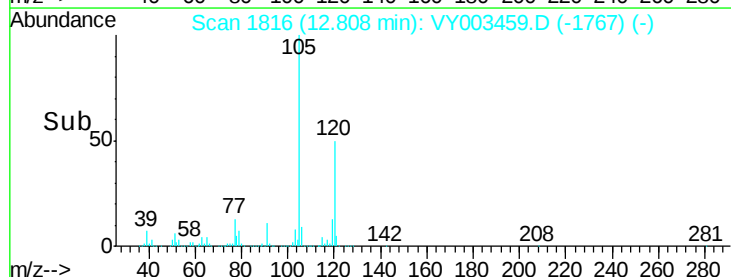
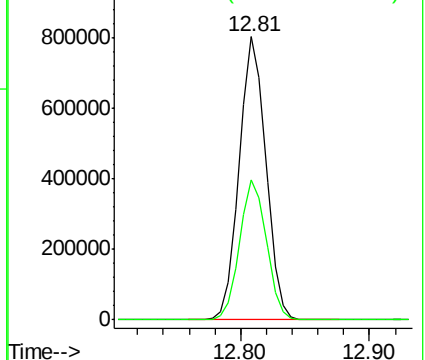
105 100

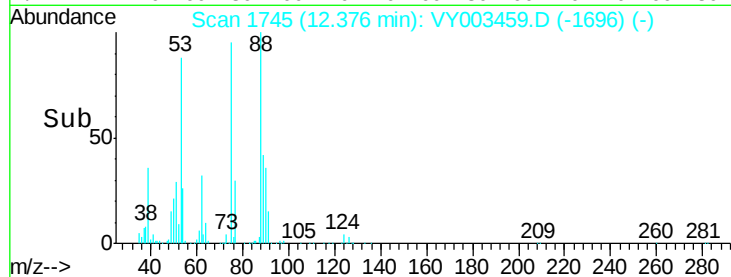
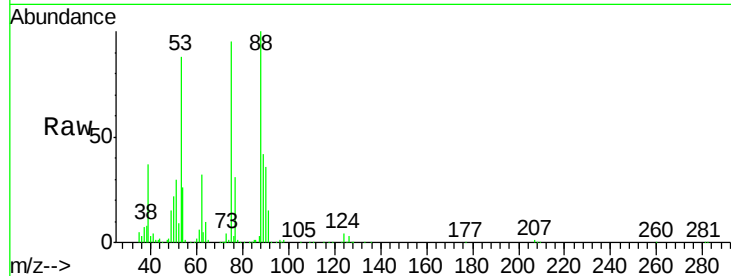
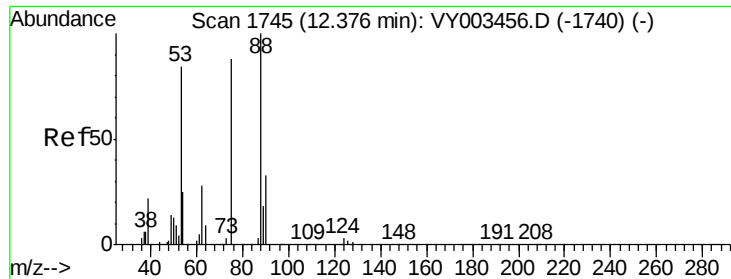
120 49.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VY003459.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003459.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 47.631 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

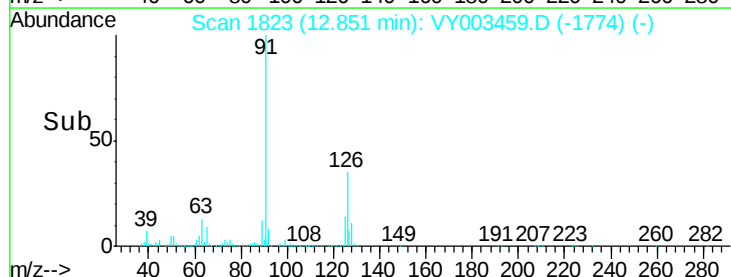
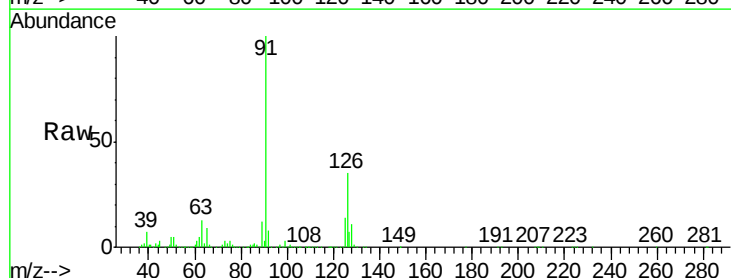
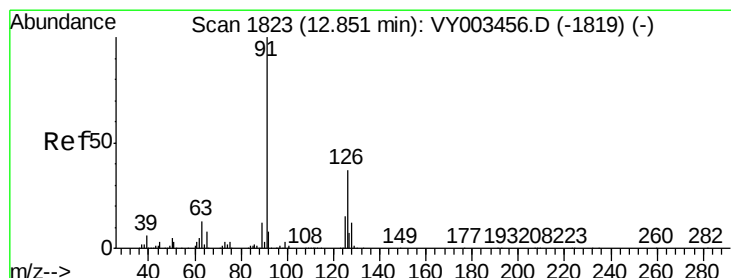
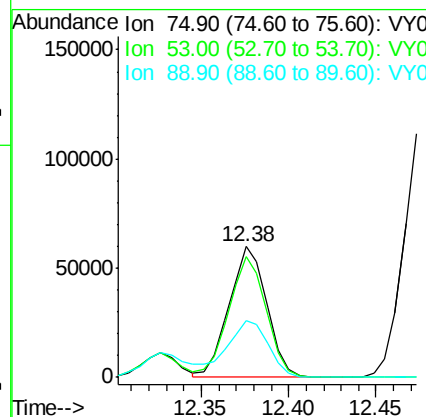
ClientSampleId :

ICVVY100520

Tot Ion:	75	Resp:	89049
Ion	Ratio	Lower	Upper
75	100		
53	92.9	74.2	111.2
89	46.7	36.2	54.4

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#82

4-Chlorotoluene

Concen: 50.244 ug/l

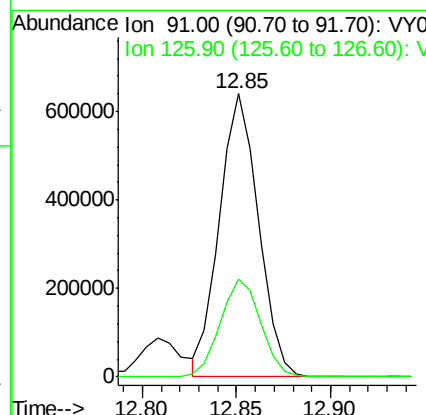
RT: 12.85 min Scan# 1823

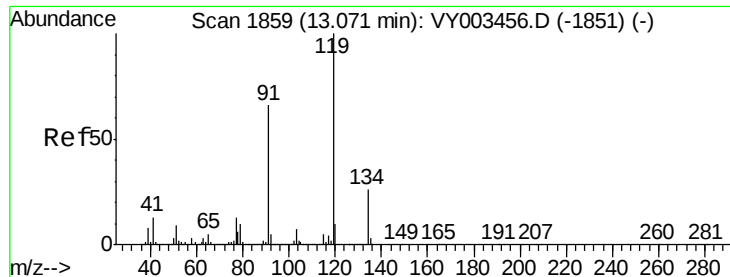
Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion:	91	Resp:	918097
Ion	Ratio	Lower	Upper
91	100		
126	35.7	18.1	54.4





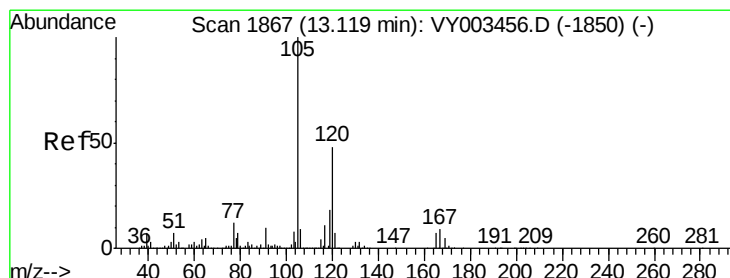
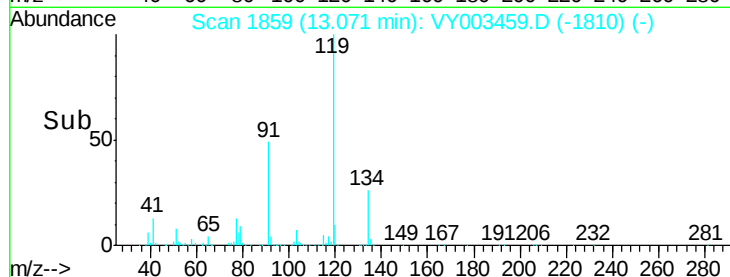
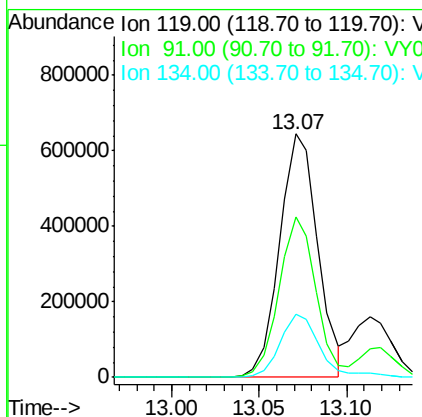
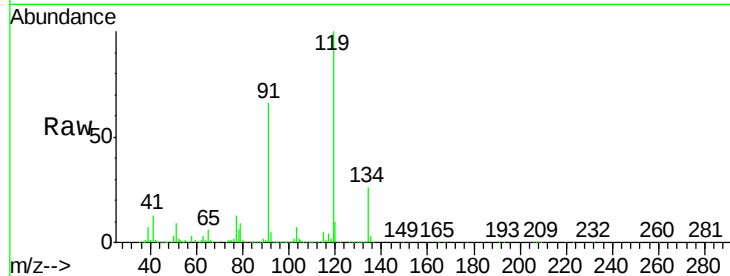
#83
tert-Butylbenzene
Concen: 51.277 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	32.5	97.4
134	27.1	13.6	40.8

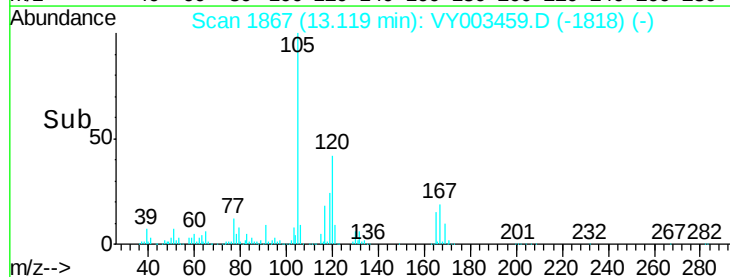
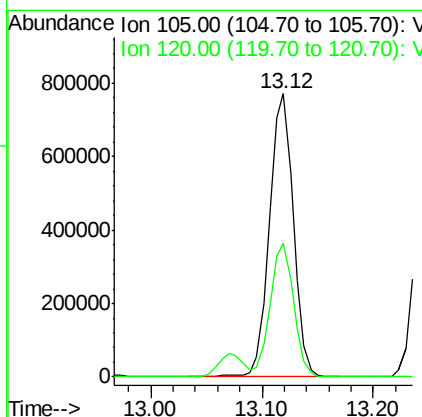
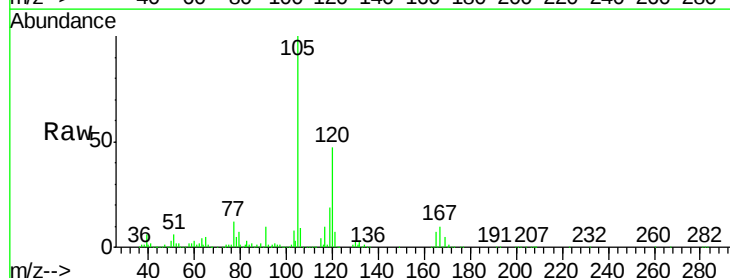
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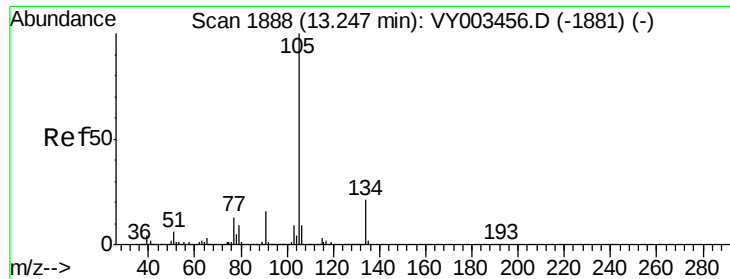
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#84
1,2,4-Trimethylbenzene
Concen: 51.595 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.5	70.5





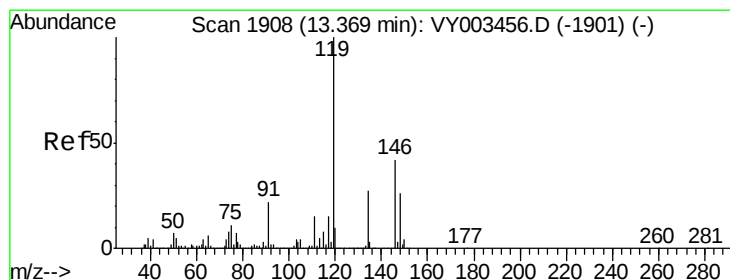
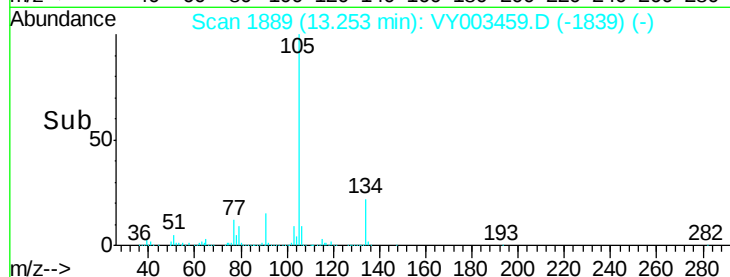
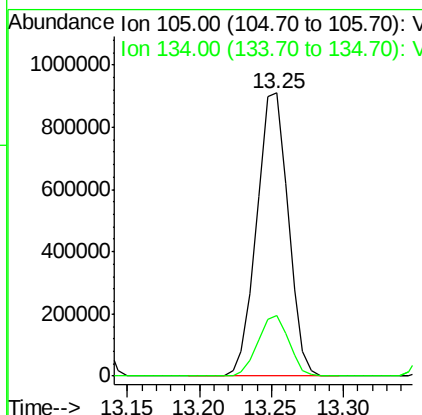
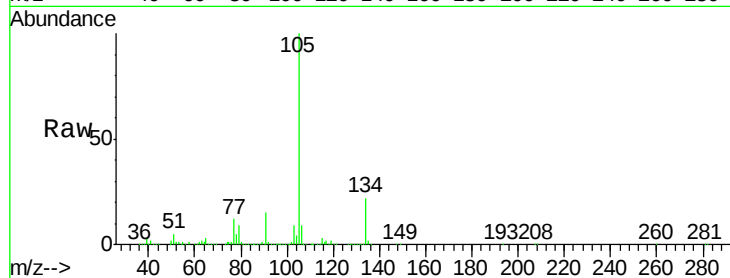
#85
 sec-Butylbenzene
 Concen: 51.704 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion:105 Resp: 1370862
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8

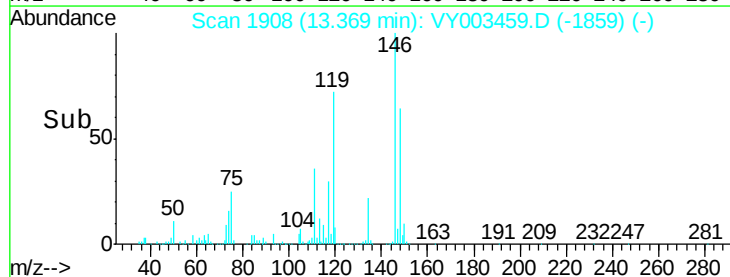
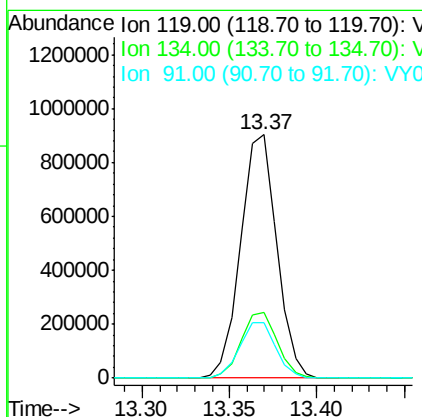
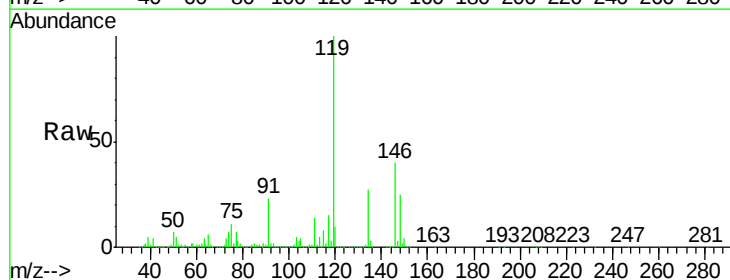
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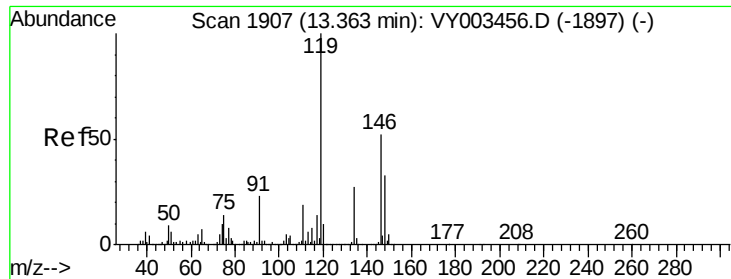
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#86
 p-Isopropyltoluene
 Concen: 51.364 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion:119 Resp: 1297626
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.1
 91 22.9 11.4 34.2





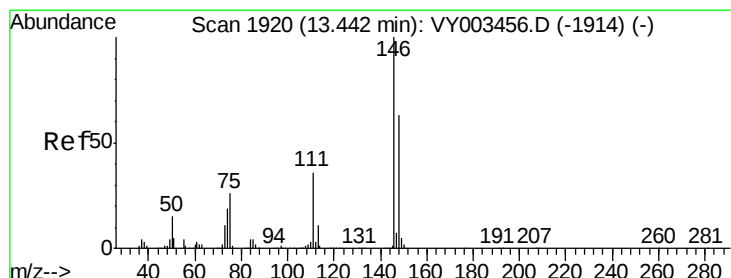
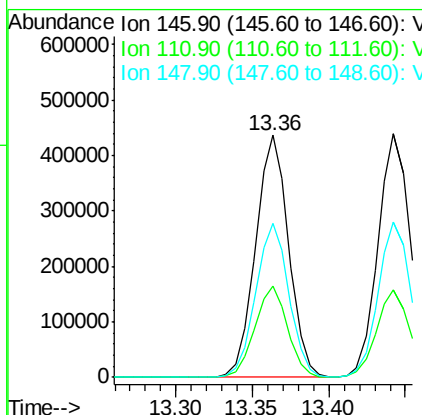
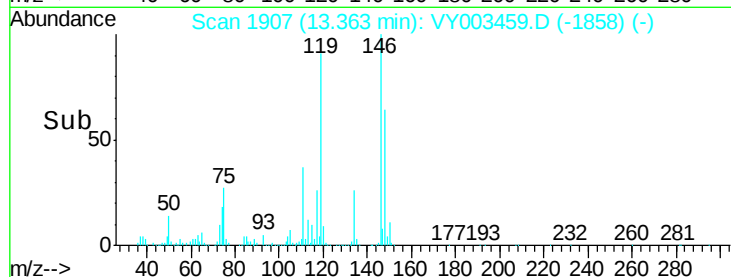
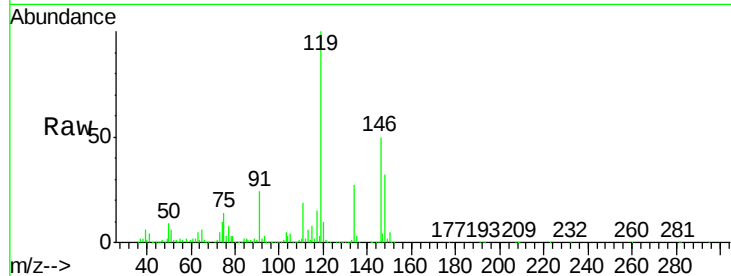
#87
 1,3-Dichlorobenzene
 Concen: 49.950 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.0
148	64.1	31.9	95.5

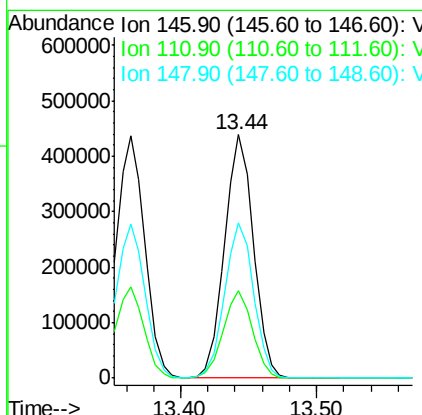
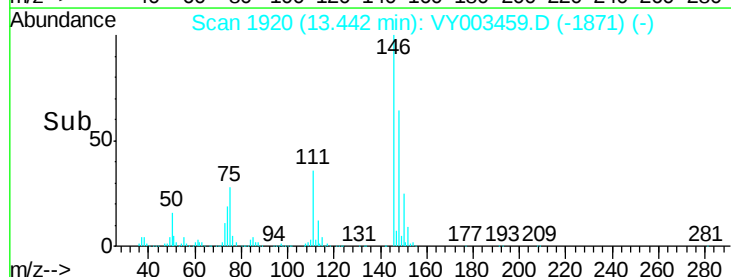
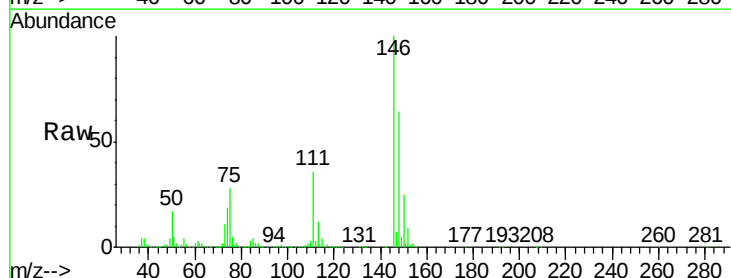
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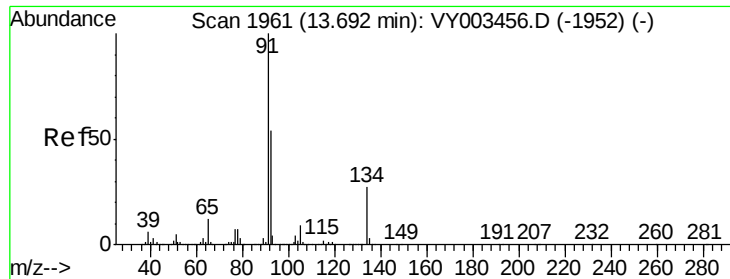
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#88
 1,4-Dichlorobenzene
 Concen: 49.632 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.4	55.0
148	64.1	32.4	97.0





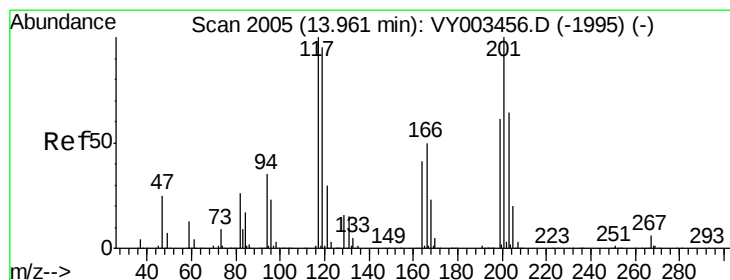
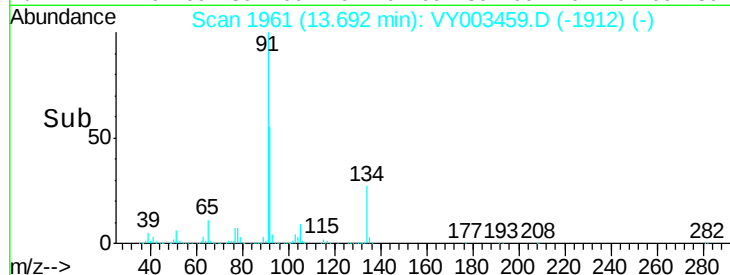
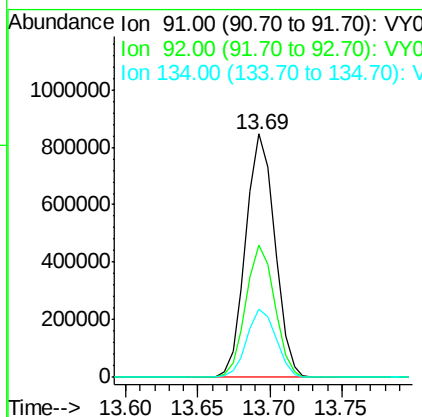
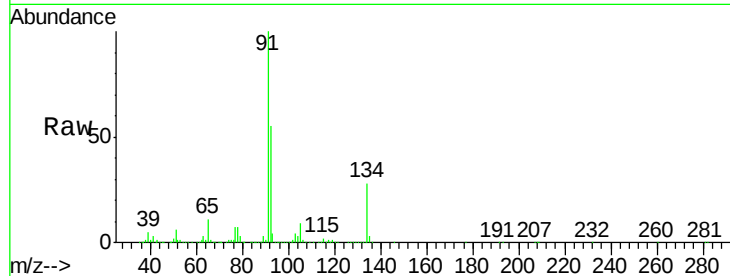
#89
n-Butylbenzene
Concen: 51.509 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY100520

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.6	79.8
134	28.0	14.1	42.4

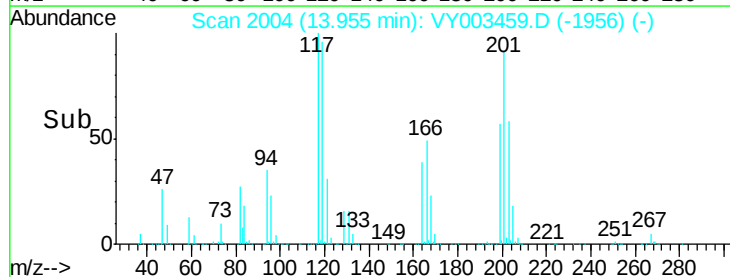
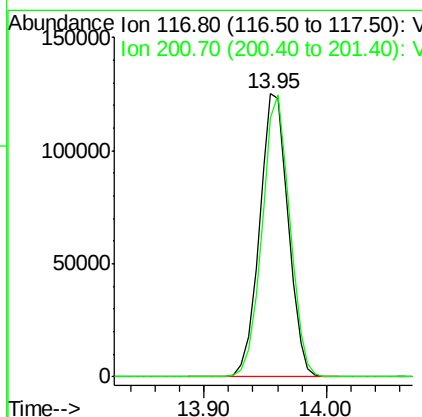
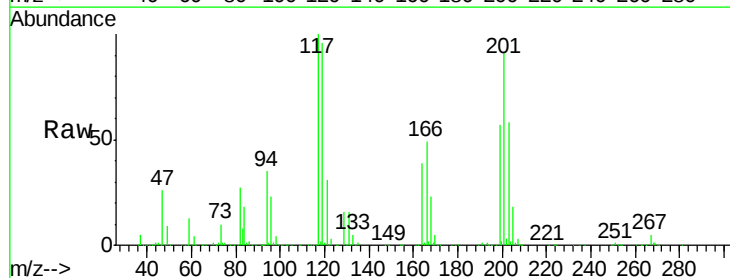
Manual Integrations
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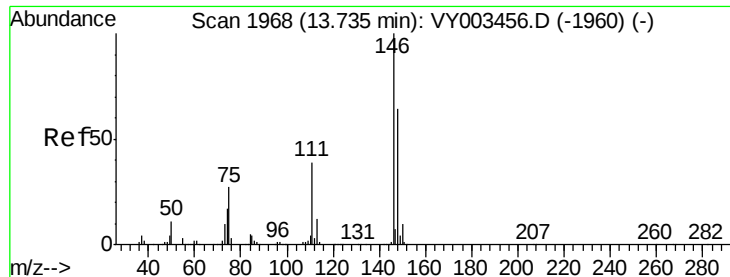
MMDadoda
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#90
Hexachloroethane
Concen: 51.597 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003459.D
Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.7	48.3	144.8





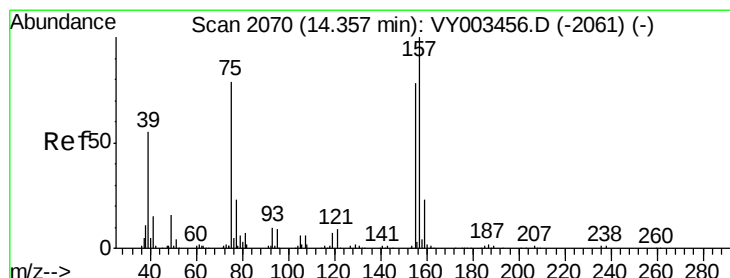
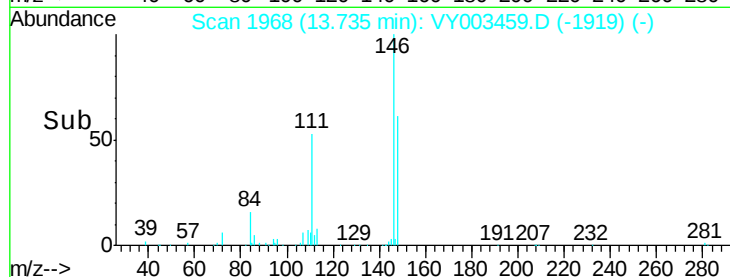
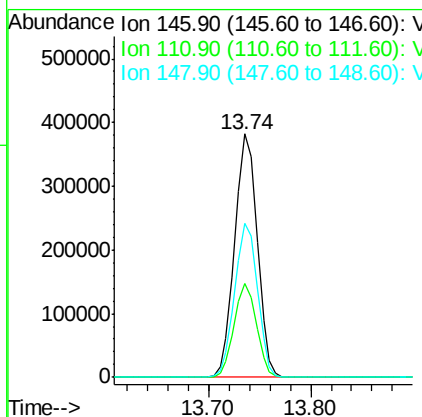
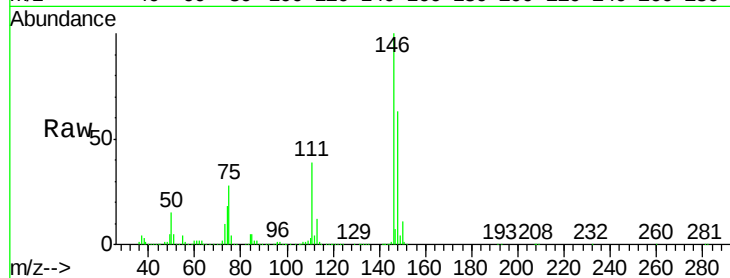
#91
 1,2-Dichlorobenzene
 Concen: 49.862 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.9	32.1	96.3

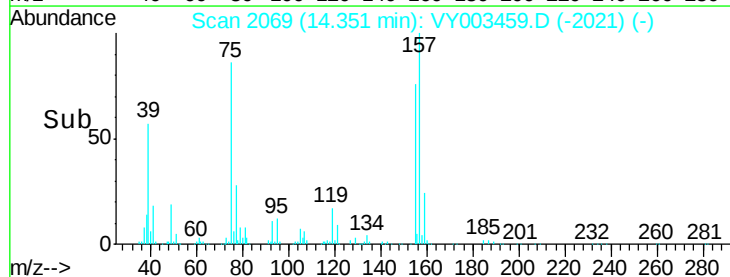
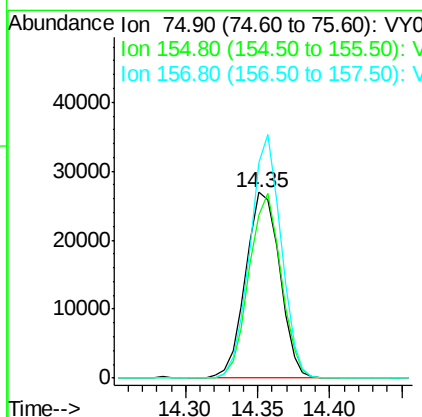
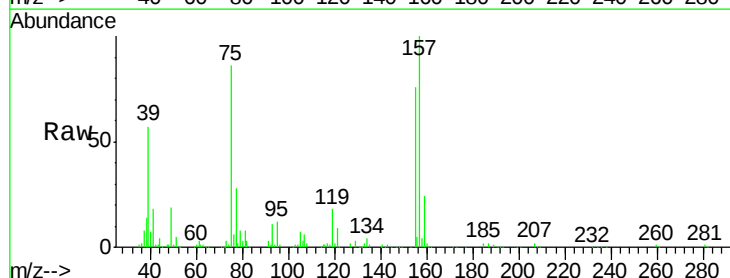
Manual Integrations
 APPROVED

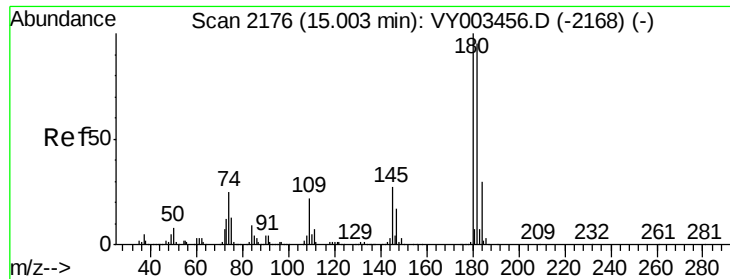
MMDadoda
 10/6/2020 12:55:46 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.410 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	47.8	143.3
157	119.9	60.8	182.4





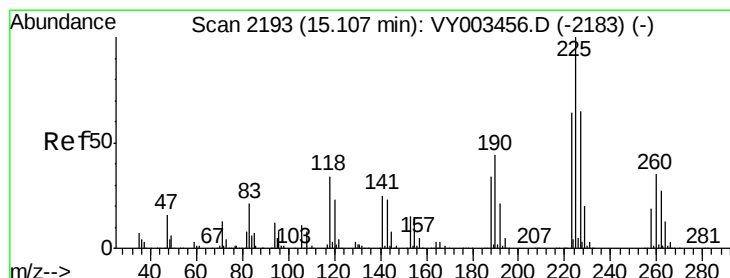
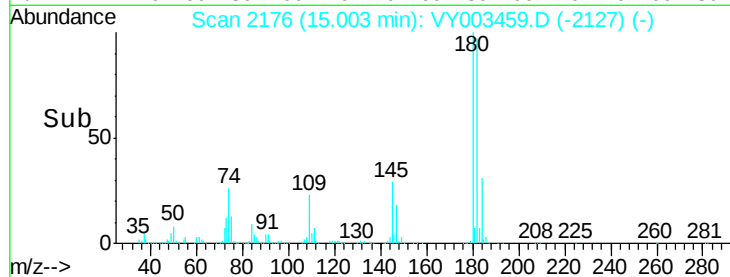
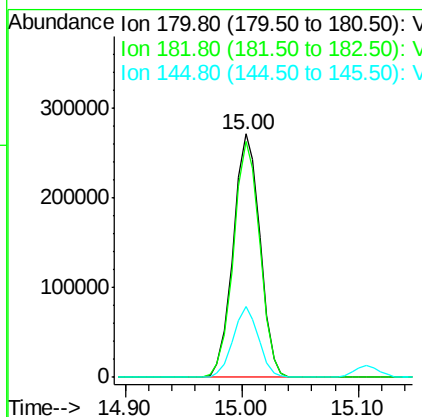
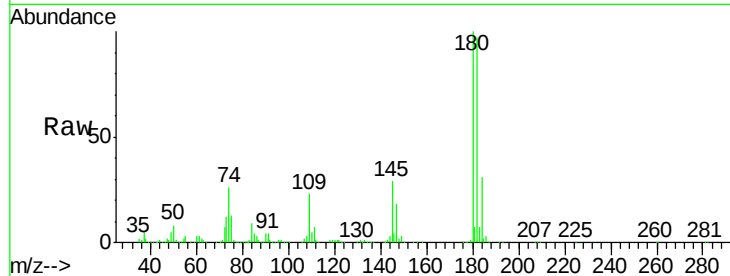
#93
 1,2,4-Trichlorobenzene
 Concen: 49.976 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY100520

Tot Ion	Ratio	Resp	Lower	Upper
180	100	433801		
182	95.3	48.0	144.0	
145	27.5	13.5	40.5	

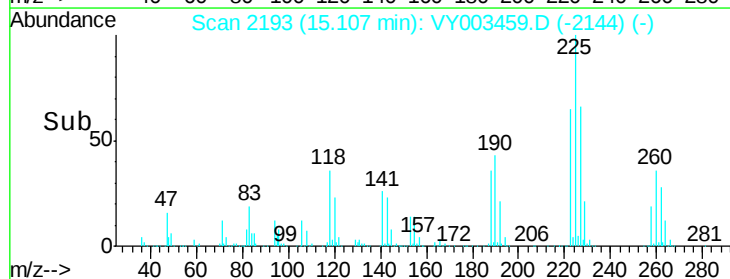
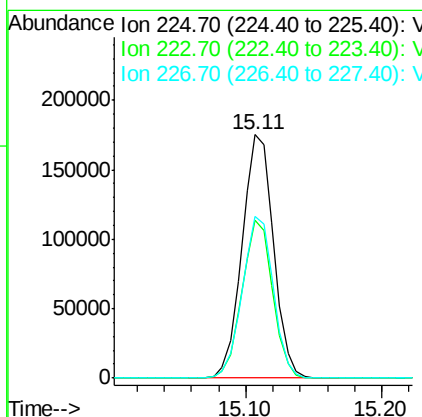
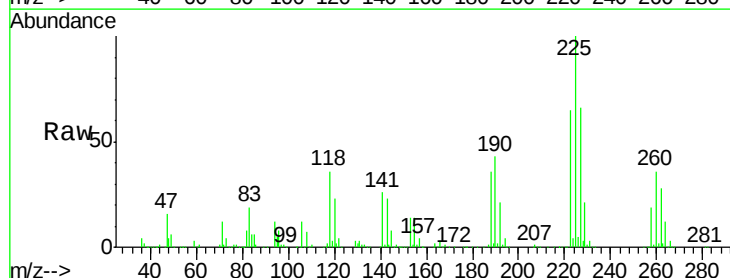
Manual Integrations
 APPROVED

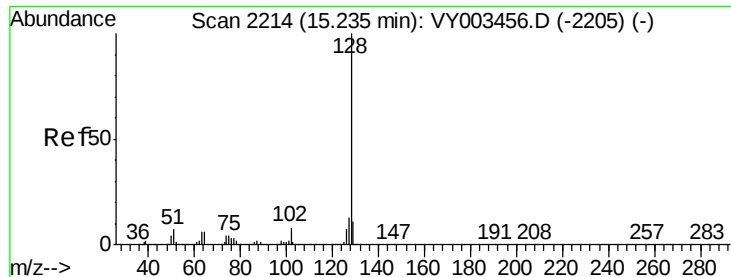
MMDadoda
 10/6/2020 12:55:46 PM



#94
 Hexachlorobutadiene
 Concen: 49.596 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003459.D
 Acq: 05 Oct 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	282021		
223	63.2	31.4	94.0	
227	65.6	32.5	97.4	





#95

Naphthalene

Concen: 50.781 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Instrument :

MSVOA_Y

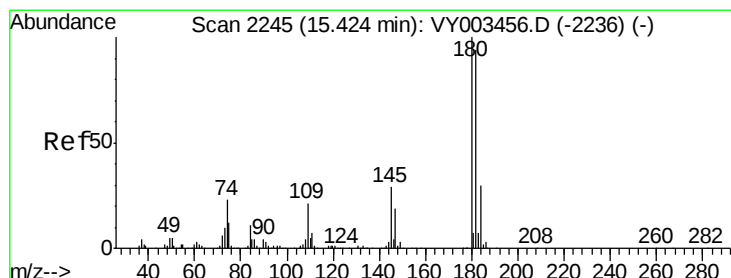
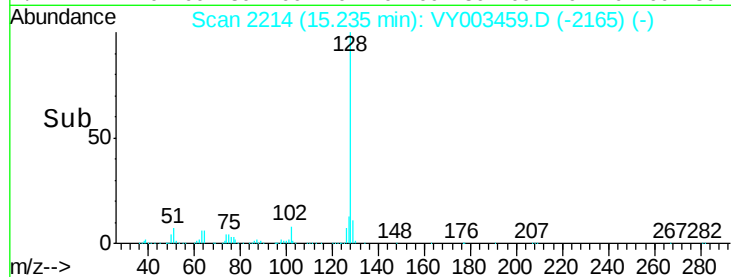
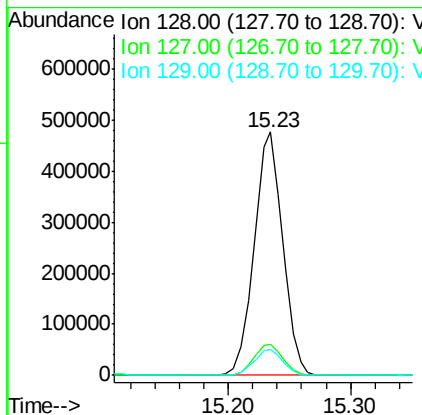
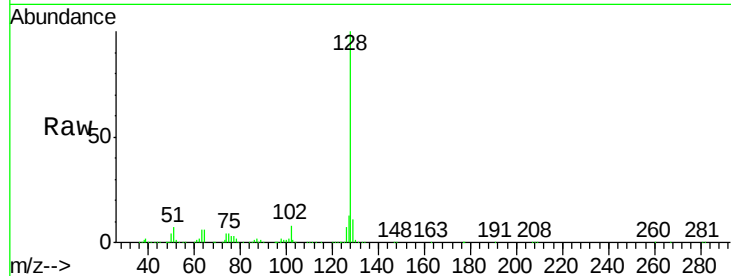
ClientSampleId :

ICVY00520

Tot Ion:	128	Resp:	774517
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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10/6/2020 12:55:46 PM



#96

1,2,3-Trichlorobenzene

Concen: 49.901 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003459.D

Acq: 05 Oct 2020 17:41

Tgt Ion:	180	Resp:	375262
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.5	142.6
145	29.2	14.4	43.4

