

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002989.D
 Acq On : 22 Jun 2020 21:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 8:13:37 PM

Quant Time: Jun 23 09:39:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	369644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	533220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	501866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	269488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	155799	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	7.72	113	157280	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.18	98	596512	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.48	95	216380	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	102290	43.407	ug/l	96
3) Chloromethane	2.12	50	100360	37.509	ug/l	97
4) Vinyl Chloride	2.26	62	113985	39.677	ug/l	97
5) Bromomethane	2.65	94	92421	43.598	ug/l	99
6) Chloroethane	2.80	64	72474	39.004	ug/l	96
7) Trichlorofluoromethane	3.13	101	220831	42.807	ug/l	99
8) Diethyl Ether	3.54	74	78574	42.213	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	127654	41.087	ug/l	95
10) Methyl Iodide	4.10	142	204758	47.602	ug/l	99
11) Tert butyl alcohol	4.97	59	80033	241.741	ug/l	99
12) 1,1-Dichloroethene	3.88	96	129326	41.976	ug/l	96
13) Acrolein	3.74	56	77839	253.774	ug/l	99
14) Allyl chloride	4.49	41	177325	39.904	ug/l	96
15) Acrylonitrile	5.18	53	191561	214.582	ug/l	100
16) Acetone	3.96	43	144123	190.586	ug/l	100
17) Carbon Disulfide	4.20	76	377246	41.416	ug/l	99
18) Methyl Acetate	4.49	43	78860	40.501	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	387671	46.199	ug/l	99
20) Methylene Chloride	4.72	84	157907	41.994	ug/l	93
21) trans-1,2-Dichloroethene	5.23	96	149154	43.603	ug/l	95
22) Diisopropyl ether	6.13	45	379467	41.826	ug/l	98
23) Vinyl Acetate	6.07	43	1319116	224.776	ug/l	98
24) 1,1-Dichloroethane	6.03	63	228053	42.431	ug/l	100
25) 2-Butanone	6.99	43	241206	212.861	ug/l	98
26) 2,2-Dichloropropane	6.99	77	212696	42.371	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	171408	44.834	ug/l	97
28) Bromochloromethane	7.34	49	100431	44.692	ug/l	89
29) Tetrahydrofuran	7.35	42	156600	213.945	ug/l	94
30) Chloroform	7.52	83	253472	45.028	ug/l	99
31) Cyclohexane	7.79	56	207670	39.611	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	237384	45.765	ug/l	99
36) 1,1-Dichloropropene	7.93	75	189130	43.674	ug/l	99
37) Ethyl Acetate	7.08	43	106217	44.172	ug/l	99
38) Carbon Tetrachloride	7.91	117	225243	47.197	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	256822	44.990	ug/l	98
40) Benzene	8.17	78	573220	44.461	ug/l	98
41) Methacrylonitrile	7.33	41	55338m	45.967	ug/l	
42) 1,2-Dichloroethane	8.24	62	171559	47.944	ug/l	100
43) Isopropyl Acetate	8.28	43	208347	46.529	ug/l	99
44) Trichloroethene	8.94	130	189727	47.508	ug/l	94
45) 1,2-Dichloropropane	9.22	63	132771	42.823	ug/l	98
46) Dibromomethane	9.31	93	86527	46.740	ug/l	93
47) Bromodichloromethane	9.50	83	204909	47.410	ug/l	98
48) Methyl methacrylate	9.30	41	93127	46.350	ug/l	97
49) 1,4-Dioxane	9.30	88	25743	948.798	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	534233	225.144	ug/l	99
52) Toluene	10.24	92	409867	49.121	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	220055	46.847	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	242772	45.659	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	129824	47.025	ug/l	97
56) Ethyl methacrylate	10.51	69	177569	47.715	ug/l	97
57) 1,3-Dichloropropane	10.79	76	210396	45.702	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	446196	240.726	ug/l	94
59) 2-Hexanone	10.83	43	381643	228.770	ug/l	99
60) Dibromochloromethane	10.99	129	171784	48.792	ug/l	99
61) 1,2-Dibromoethane	11.09	107	131422	47.984	ug/l	99
64) Tetrachloroethene	10.72	164	195176	46.670	ug/l	97
65) Chlorobenzene	11.52	112	442661	46.597	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	172329	47.991	ug/l	99
67) Ethyl Benzene	11.59	91	764488	46.654	ug/l	99
68) m/p-Xylenes	11.70	106	633755	99.529	ug/l	98
69) o-Xylene	12.03	106	301556	50.241	ug/l	99
70) Styrene	12.04	104	489130	47.165	ug/l	100
71) Bromoform	12.20	173	122332	50.898	ug/l #	99
73) Isopropylbenzene	12.33	105	767570	46.474	ug/l	99
74) N-amyl acetate	12.14	43	189653	44.588	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	140536	45.894	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	105719m	45.045	ug/l	
77) Bromobenzene	12.61	156	206858	47.837	ug/l	96
78) n-propylbenzene	12.67	91	874036	45.614	ug/l	97
79) 2-Chlorotoluene	12.75	91	494096	46.038	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	693103	50.339	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	56590	46.035	ug/l	100
82) 4-Chlorotoluene	12.85	91	502931	44.559	ug/l	98
83) tert-Butylbenzene	13.07	119	577802	46.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	828249	59.781	ug/l	98
85) sec-Butylbenzene	13.25	105	749118	44.652	ug/l	97
86) p-Isopropyltoluene	13.37	119	714278	45.390	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	379324	46.537	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	380913	46.667	ug/l	99
89) n-Butylbenzene	13.69	91	613845	43.150	ug/l	96
90) Hexachloroethane	13.96	117	135667	46.285	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	351331	47.359	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	27824	48.636	ug/l	97

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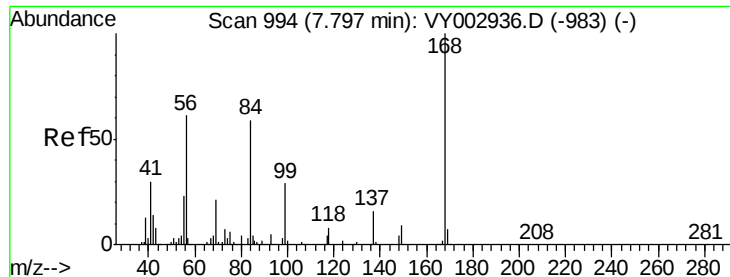
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	262139	47.090	ug/l	100
94) Hexachlorobutadiene	15.11	225	152216	47.440	ug/l	99
95) Naphthalene	15.23	128	594011	53.539	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	238987	48.118	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: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 369644

Ion Ratio Lower Upper

168 100

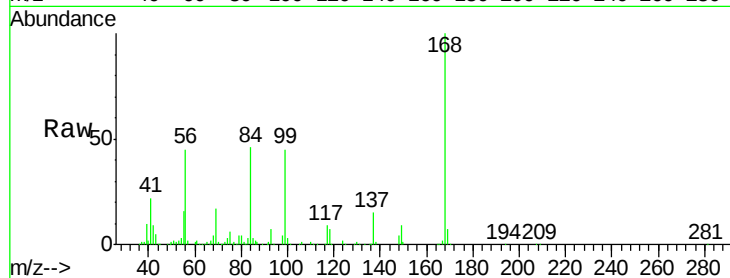
99 44.7 39.5 59.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002989.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY002989.D (-945) (-)

7.80

150000

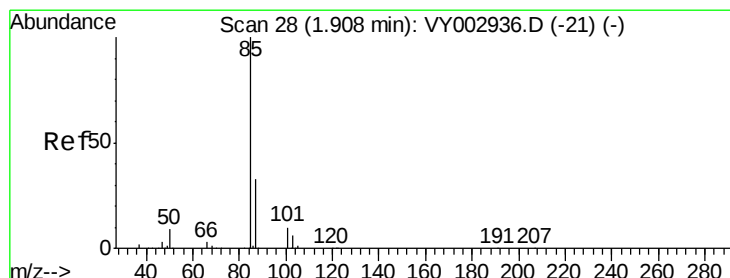
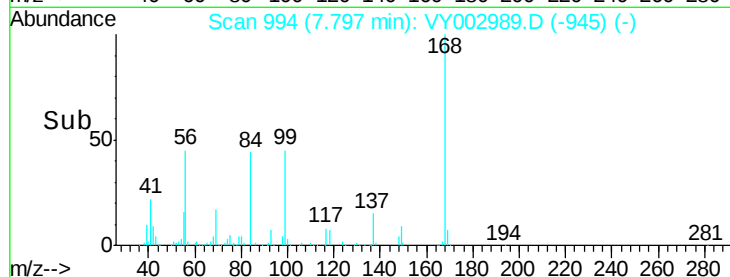
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50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 43.407 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY002989.D

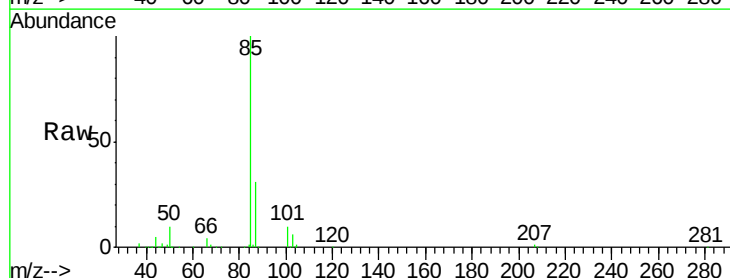
Acq: 22 Jun 2020 21:19

Tgt Ion: 85 Resp: 102290

Ion Ratio Lower Upper

85 100

87 30.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002989.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002989.D (-1) (-)

1.90

80000

60000

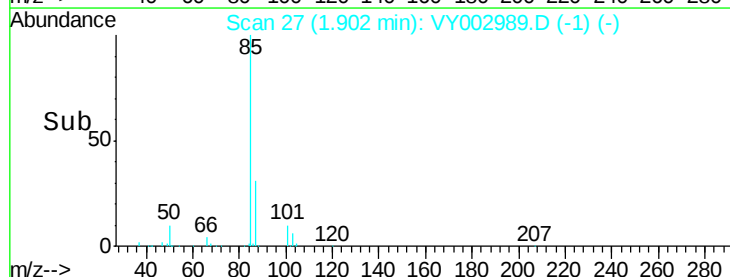
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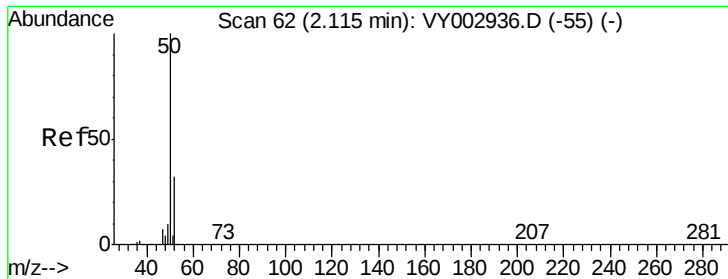
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 37.509 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 100360

Ion Ratio Lower Upper

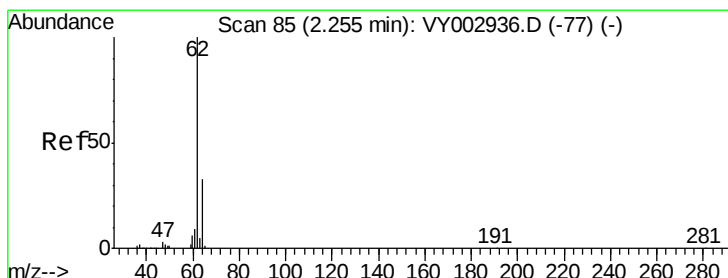
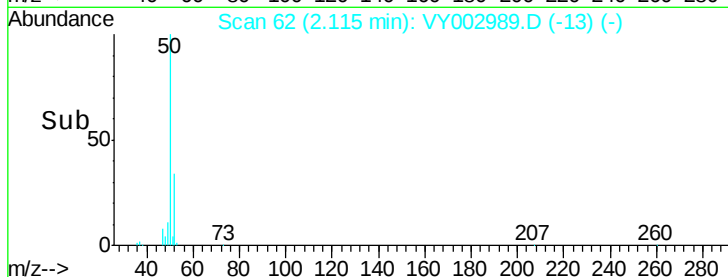
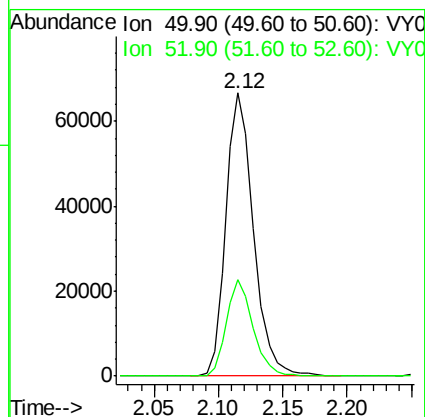
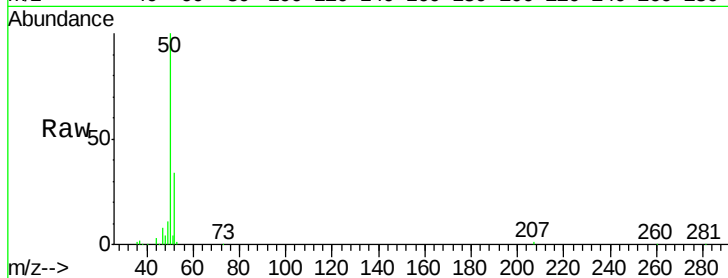
50 100

52 34.0 25.8 38.6

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#4

Vinyl Chloride

Concen: 39.677 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002989.D

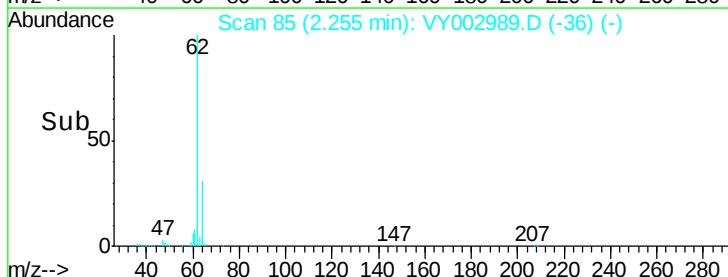
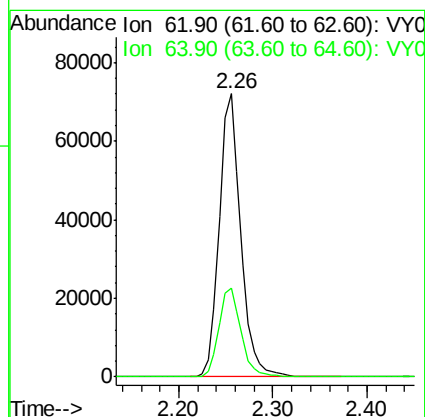
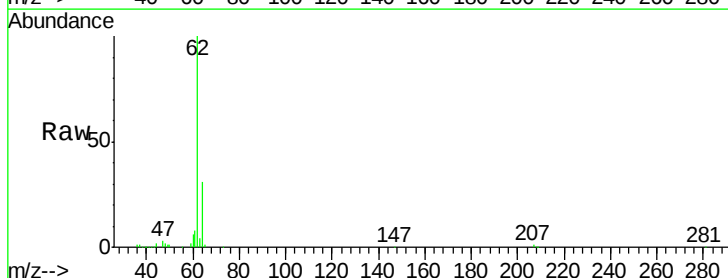
Acq: 22 Jun 2020 21:19

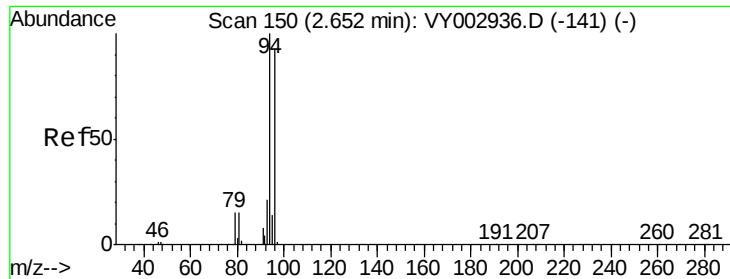
Tgt Ion: 62 Resp: 113985

Ion Ratio Lower Upper

62 100

64 31.2 26.3 39.5





#5

Bromomethane

Concen: 43.598 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 92421

Ion Ratio Lower Upper

94 100

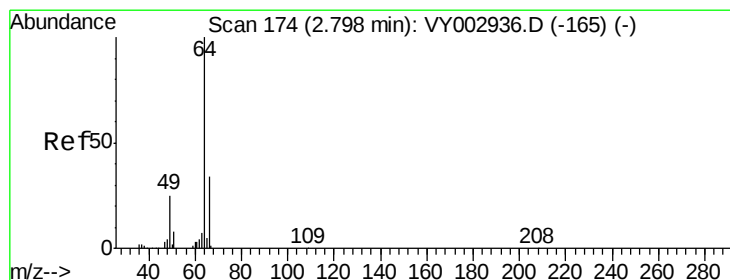
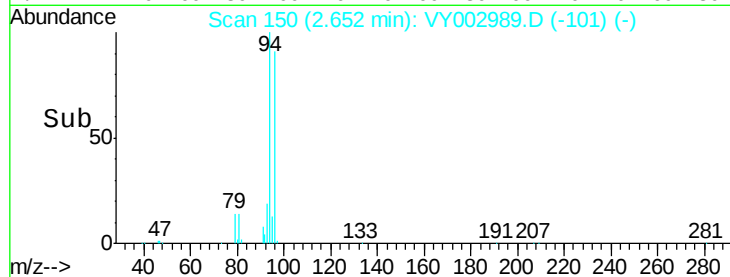
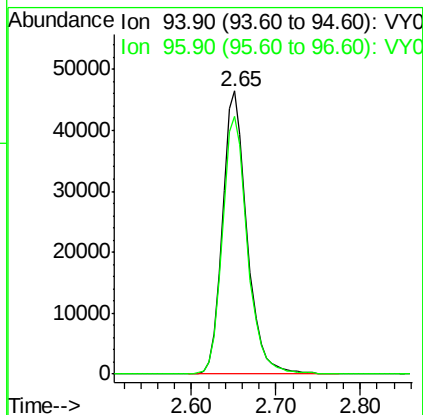
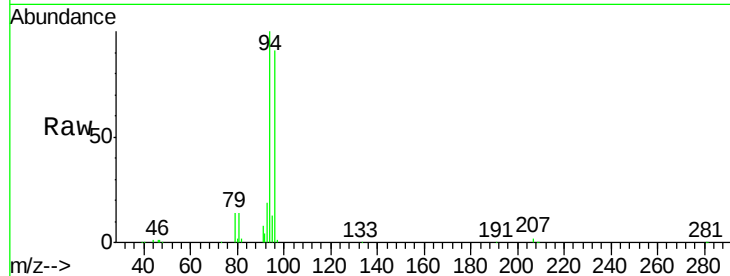
96 91.0 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 39.004 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY002989.D

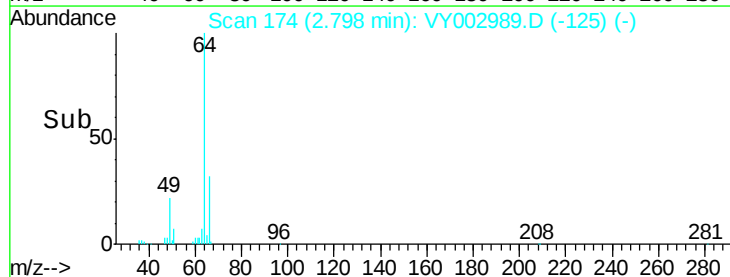
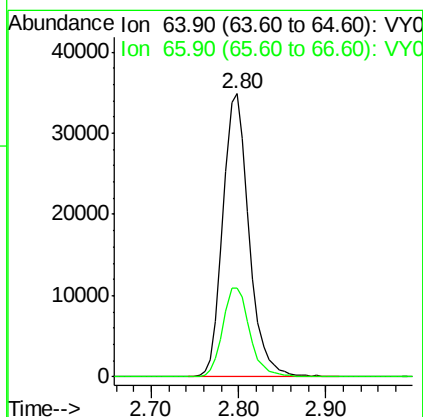
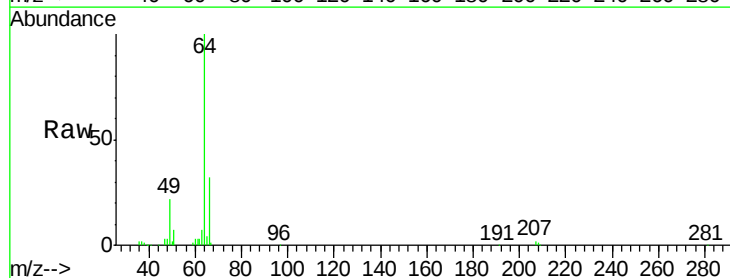
Acq: 22 Jun 2020 21:19

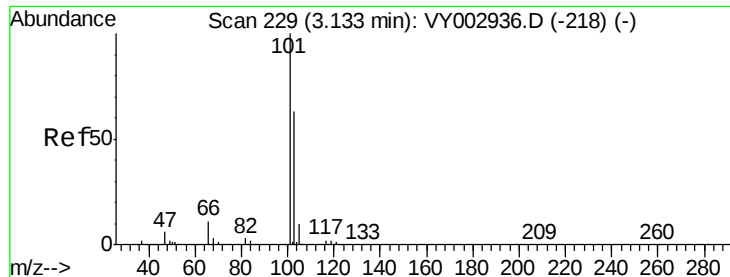
Tgt Ion: 64 Resp: 72474

Ion Ratio Lower Upper

64 100

66 31.6 27.0 40.6





#7

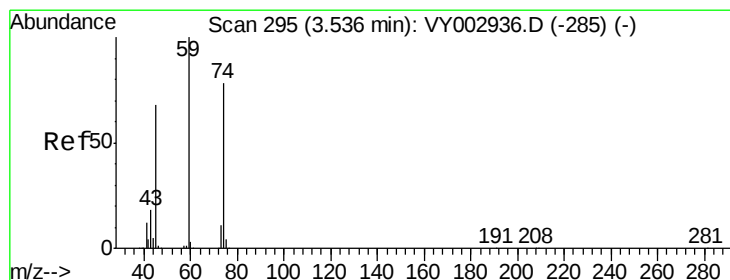
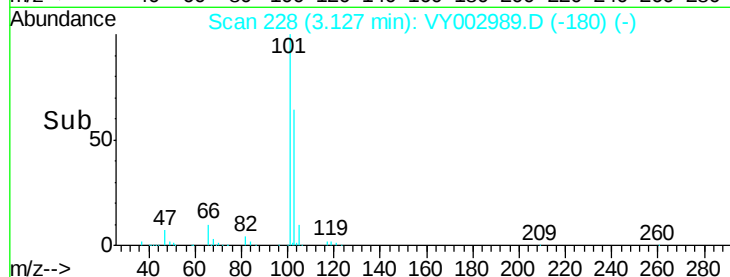
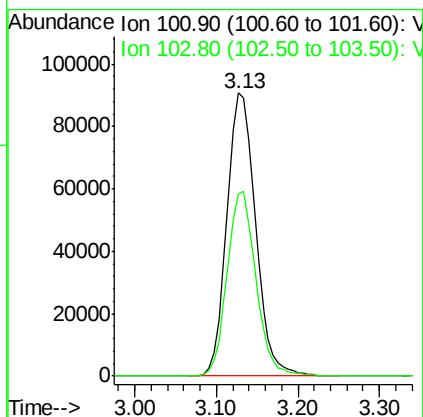
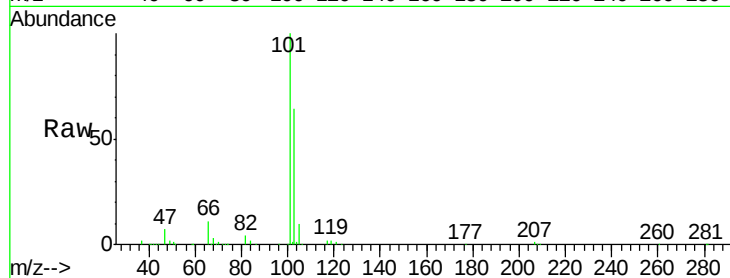
Trichlorofluoromethane
Concen: 42.807 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY002989.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.6	76.0

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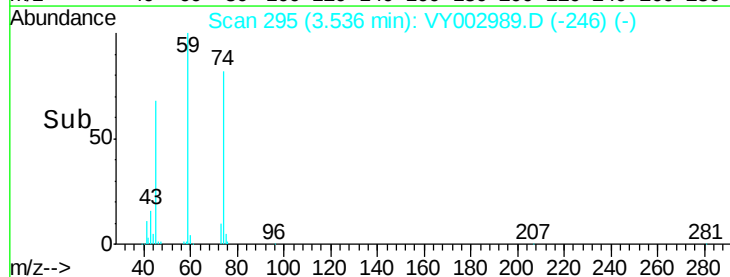
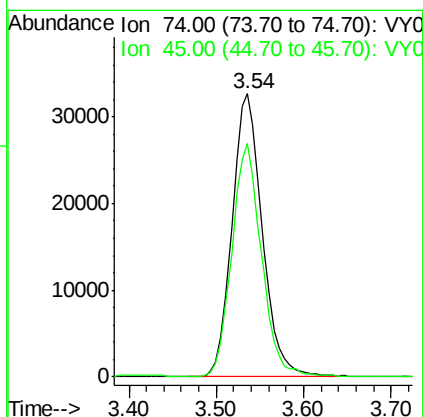
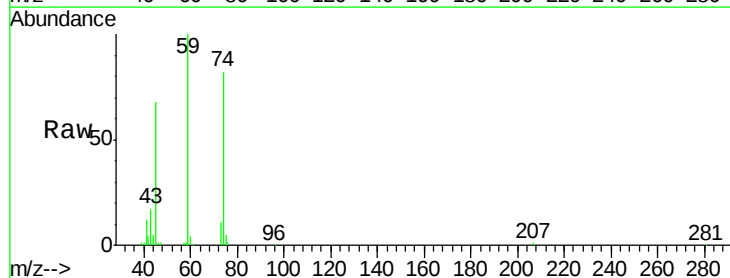
MMDadoda
6/23/2020 8:13:37 PM

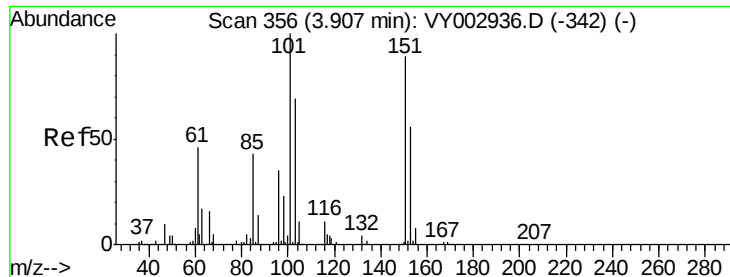


#8

Diethyl Ether
Concen: 42.213 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.1	43.7	131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 41.087 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

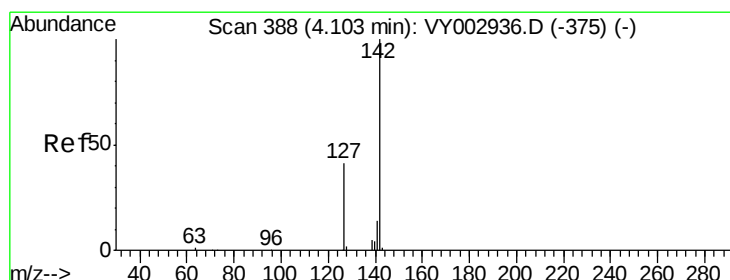
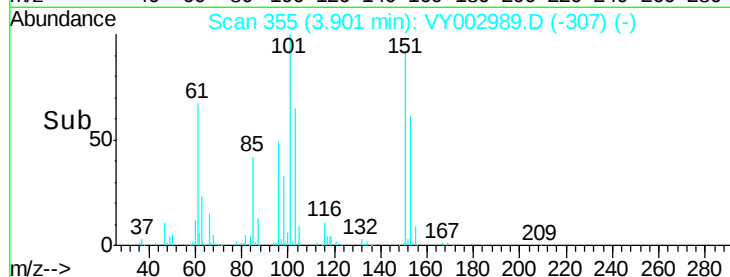
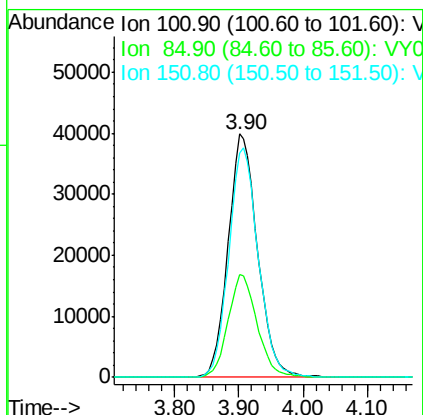
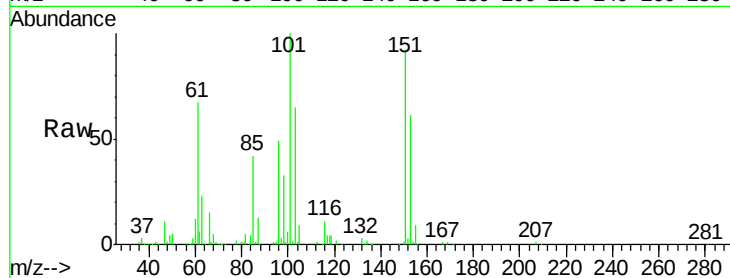
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	127654
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.6	50.4
151	94.2	70.4	105.6

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#10

Methyl Iodide

Concen: 47.602 ug/l

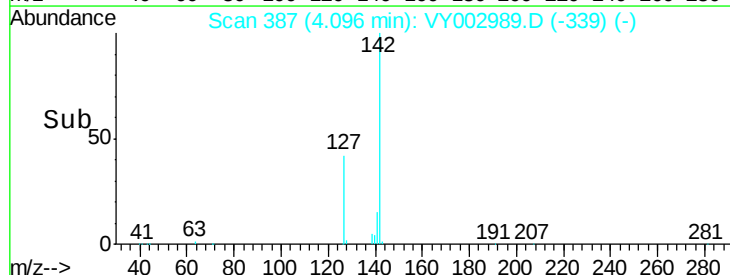
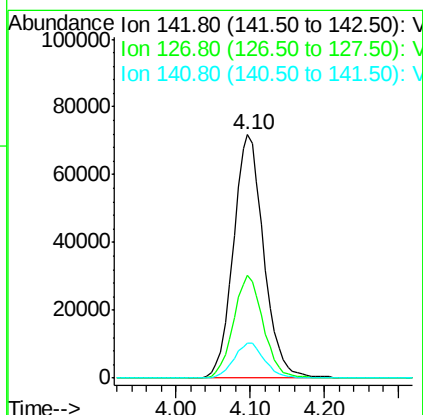
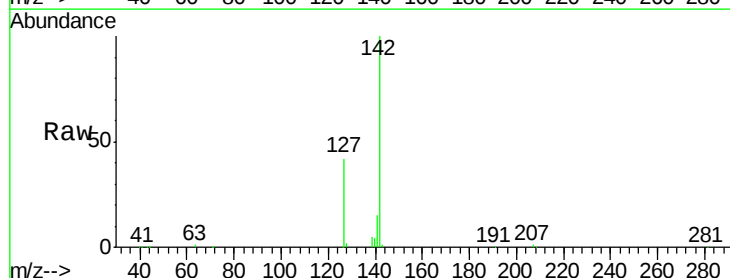
RT: 4.10 min Scan# 387

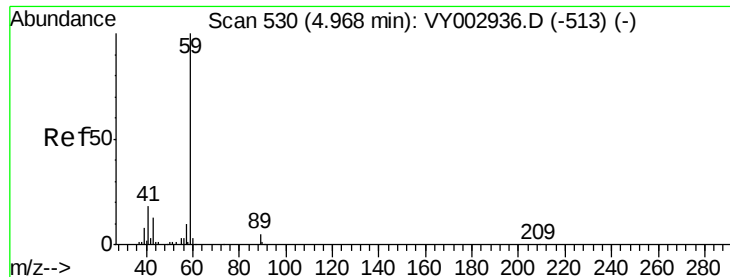
Delta R.T. -0.01 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion:	142	Resp:	204758
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.9	49.3
141	14.6	11.3	16.9





#11

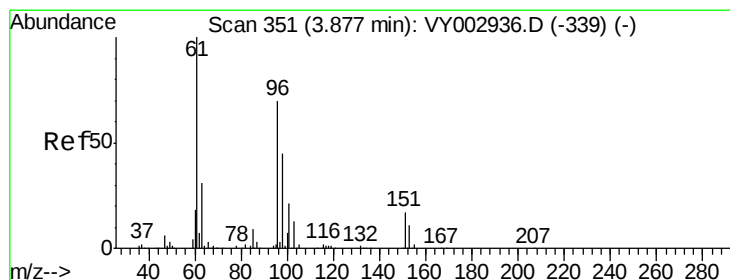
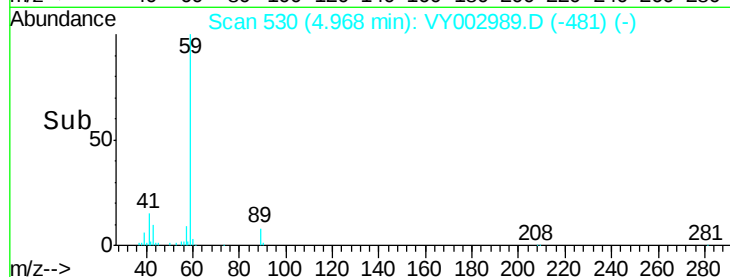
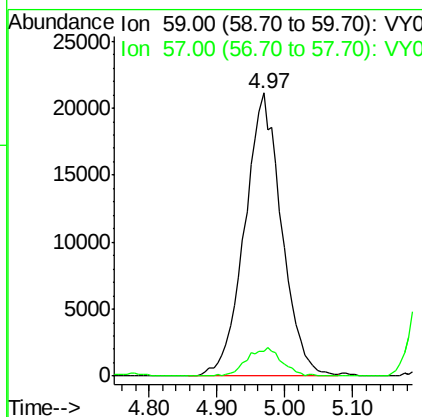
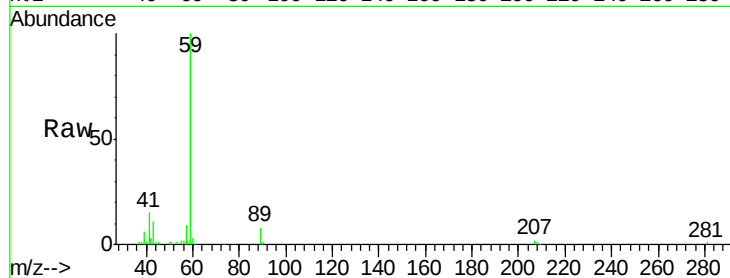
Tert butyl alcohol
 Concen: 241.741 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	7.4	11.2

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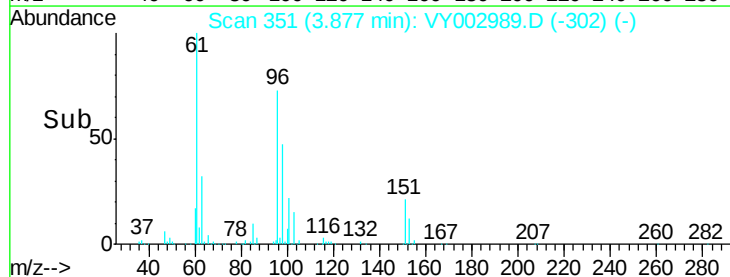
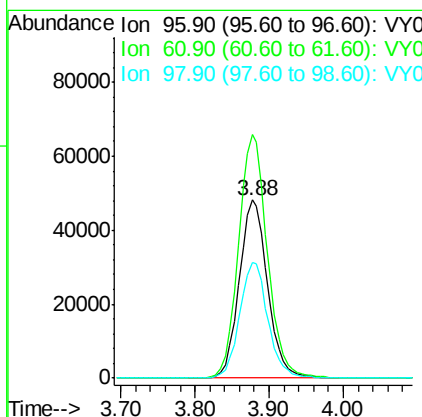
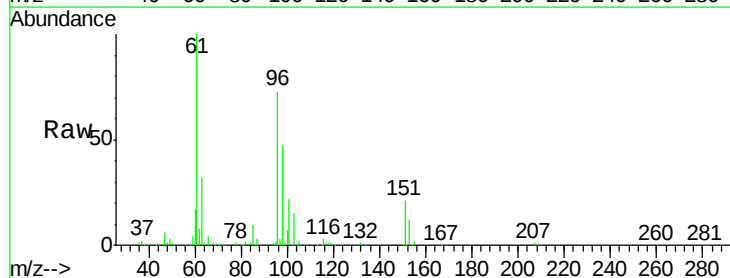
MMDadoda
 6/23/2020 8:13:37 PM

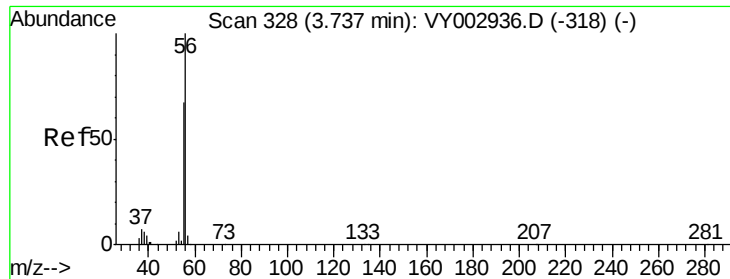


#12

1,1-Dichloroethene
 Concen: 41.976 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.6	114.6	172.0
98	64.7	51.4	77.0





#13

Acrolein

Concen: 253.774 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 77839

Ion Ratio Lower Upper

56 100

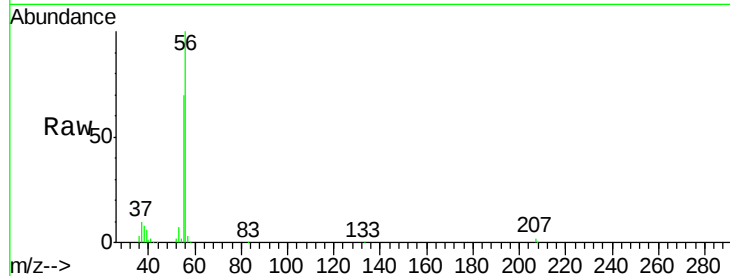
55 69.9 55.3 82.9

Manual Integrations

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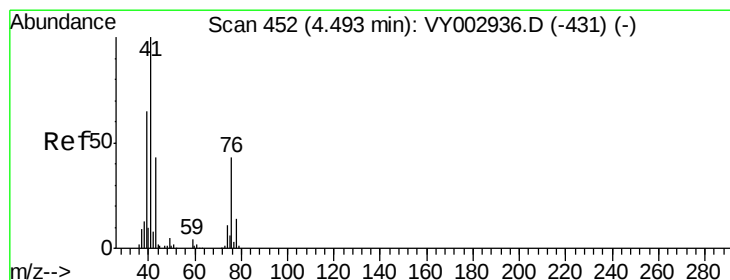
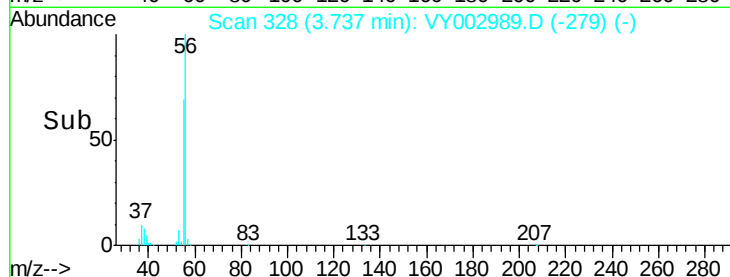
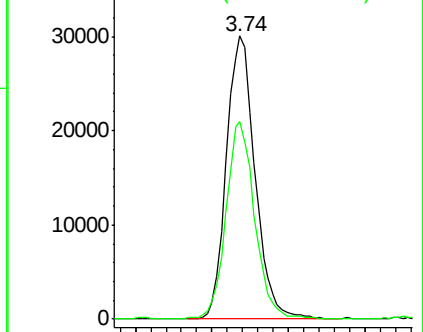
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 39.904 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

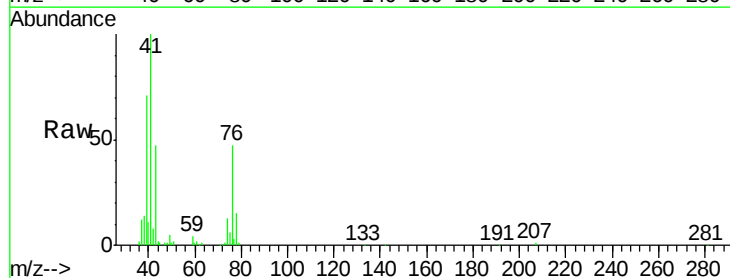
Tgt Ion: 41 Resp: 177325

Ion Ratio Lower Upper

41 100

39 66.7 50.0 75.0

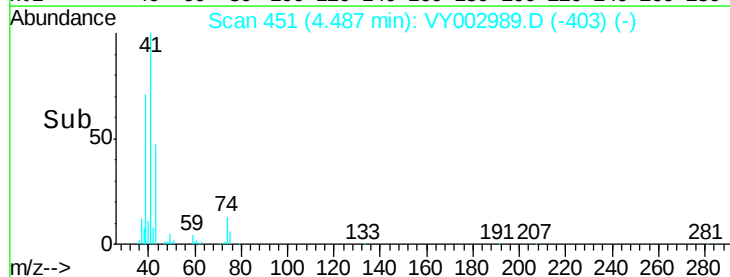
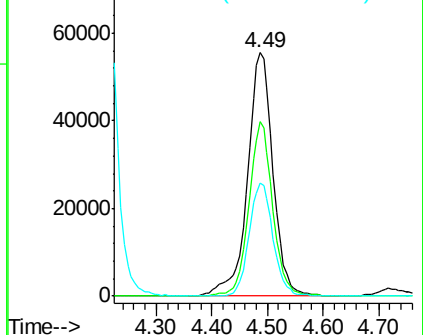
76 43.6 33.3 49.9

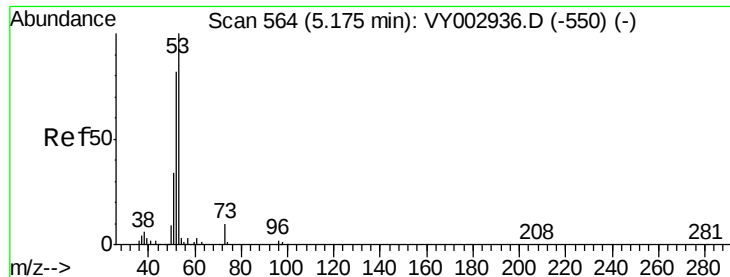


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





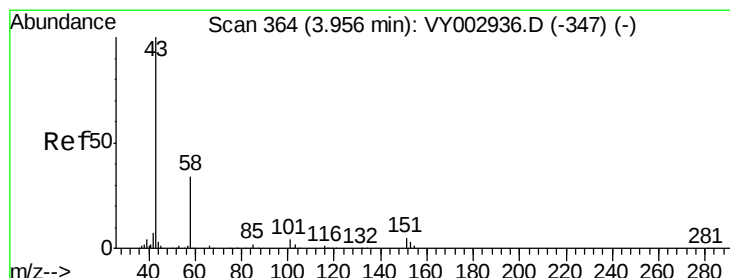
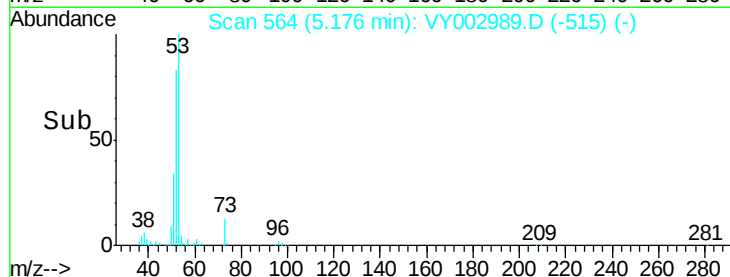
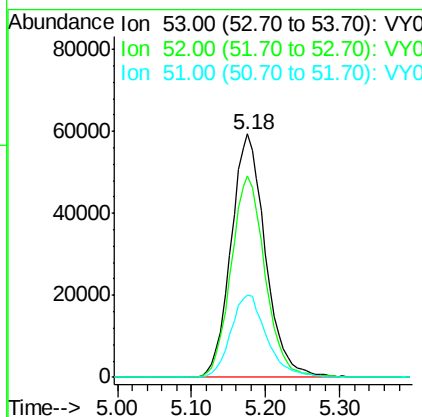
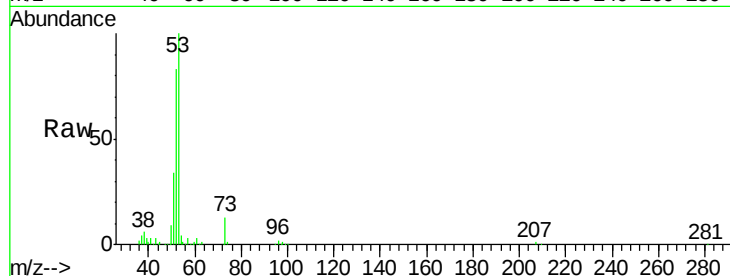
#15
 Acrylonitrile
 Concen: 214.582 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	35.3	28.1	42.1

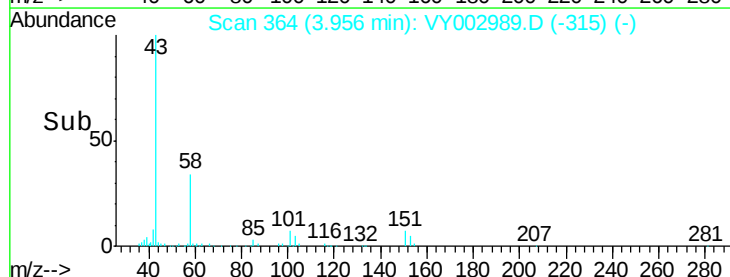
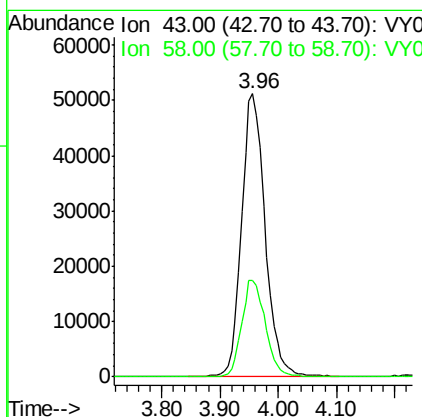
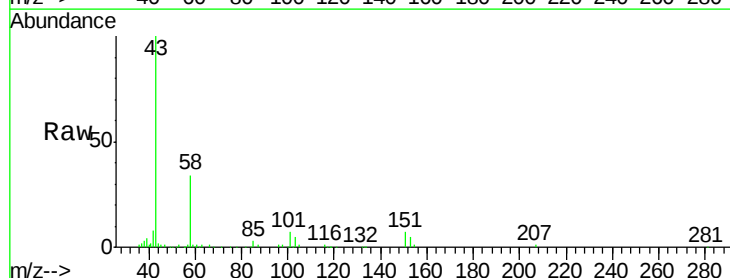
Manual Integrations
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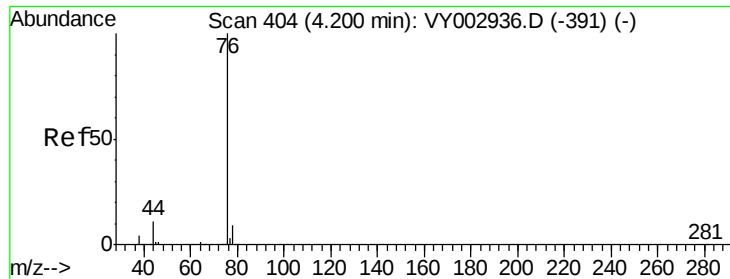
MMDadoda
 6/23/2020 8:13:37 PM



#16
 Acetone
 Concen: 190.586 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.9	27.3	40.9





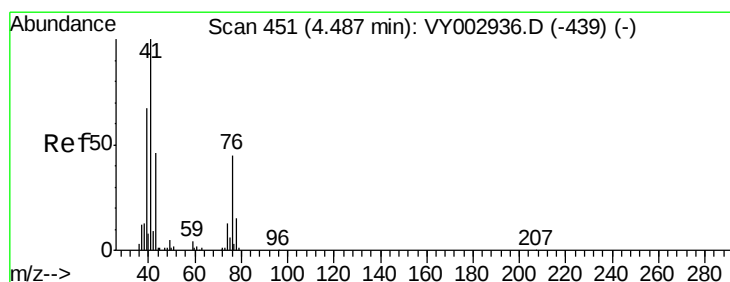
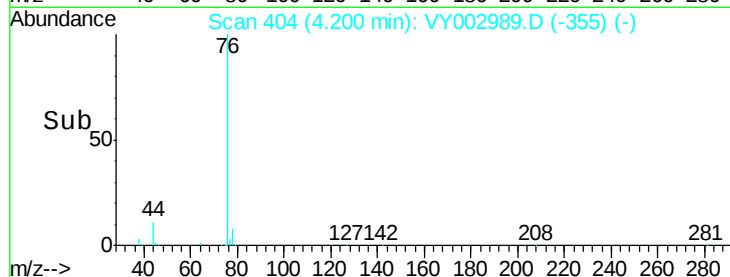
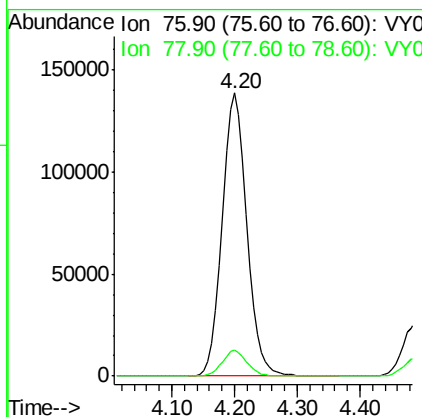
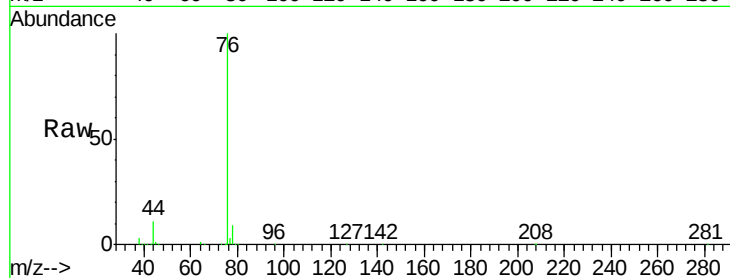
#17
Carbon Disulfide
Concen: 41.416 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

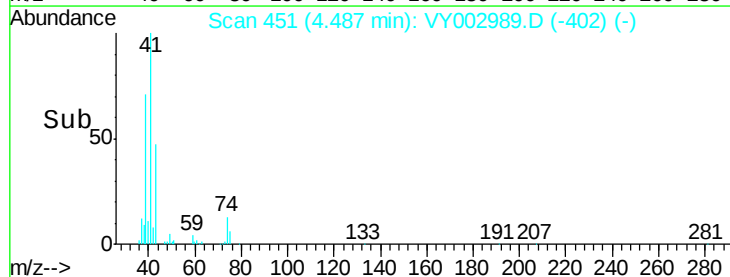
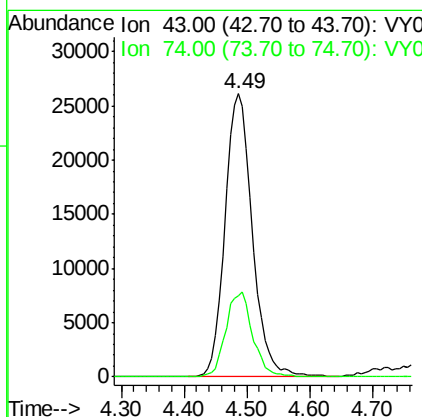
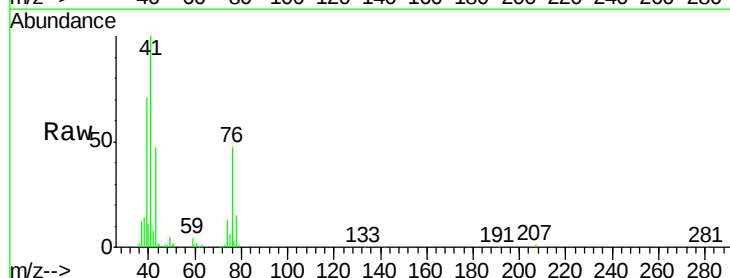
Manual Integrations
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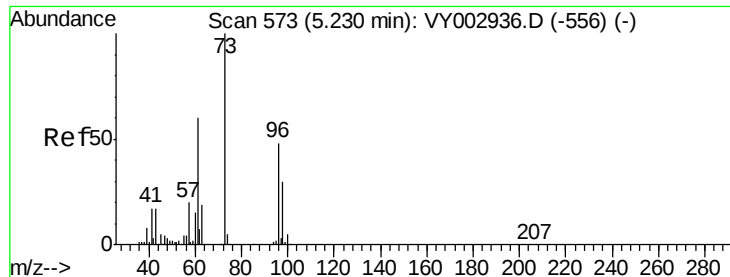
MMDadoda
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#18
Methyl Acetate
Concen: 40.501 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	21.1	31.7





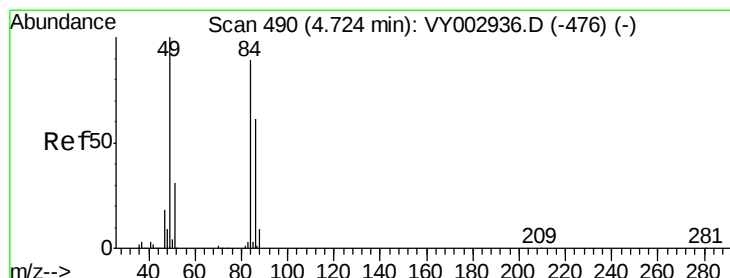
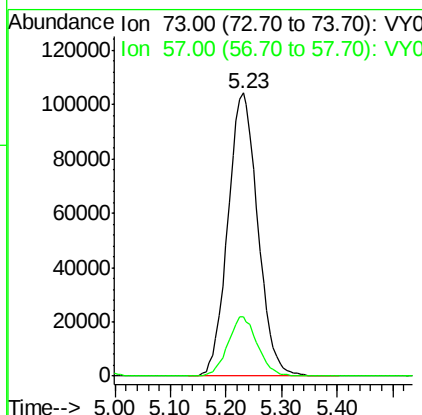
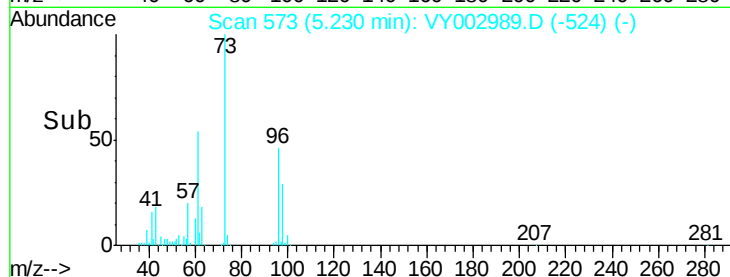
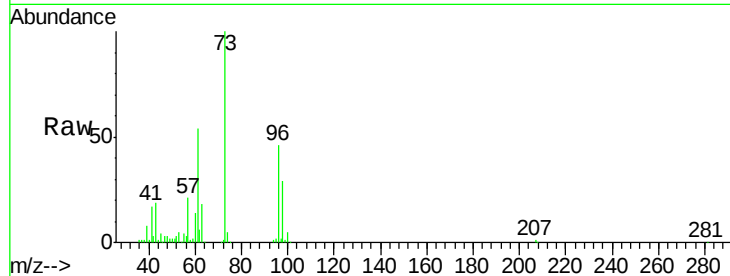
#19
Methvl tert-butvl Ether
Concen: 46.199 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.4	24.6

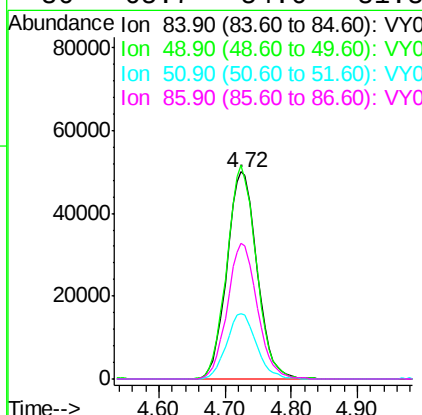
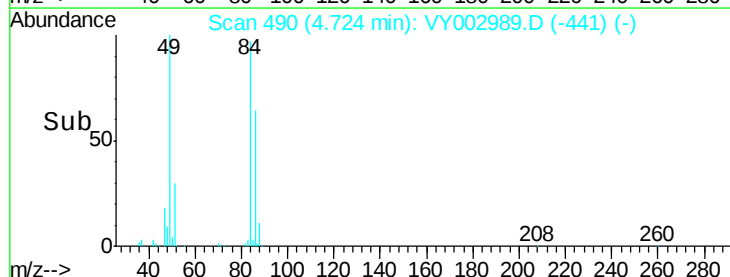
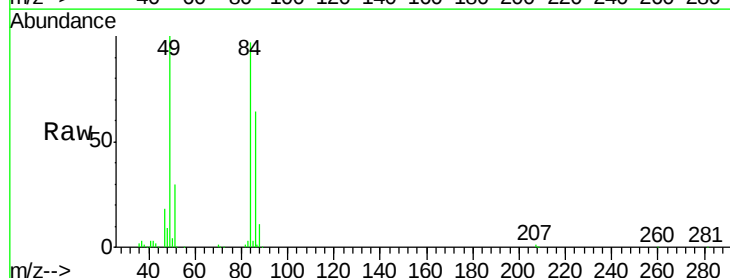
Manual Integrations
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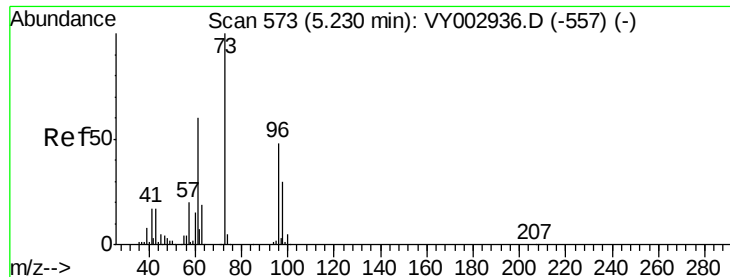
MMDadoda
6/23/2020 8:13:37 PM



#20
Methylene Chloride
Concen: 41.994 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	103.2	90.0	135.0
51	31.3	27.9	41.9
86	65.7	54.6	81.8





#21

trans-1,2-Dichloroethene

Concen: 43.603 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

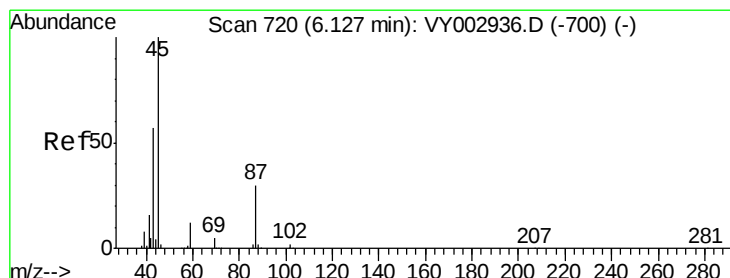
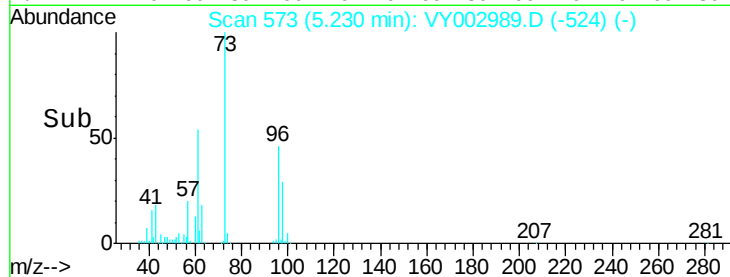
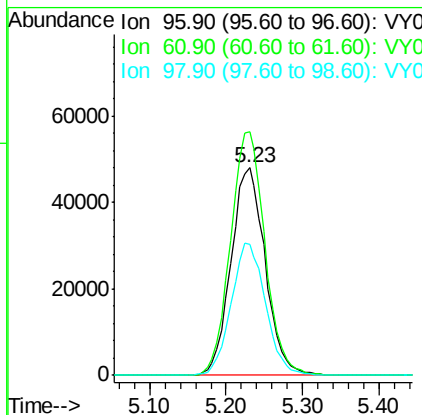
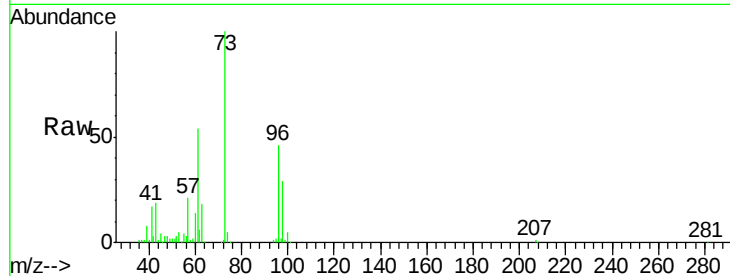
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	149154
Ion	Ratio	Lower	Upper
96	100		
61	117.3	100.6	150.8
98	63.5	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 41.826 ug/l

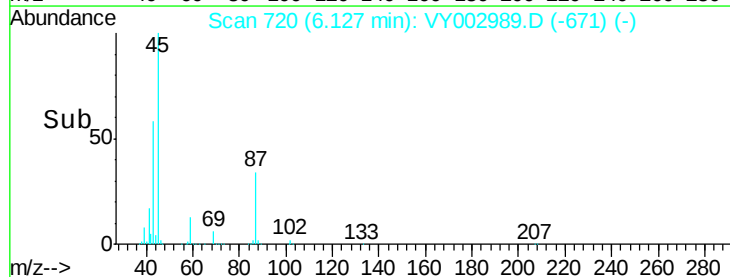
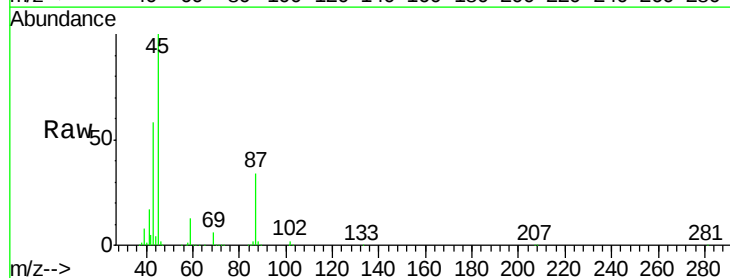
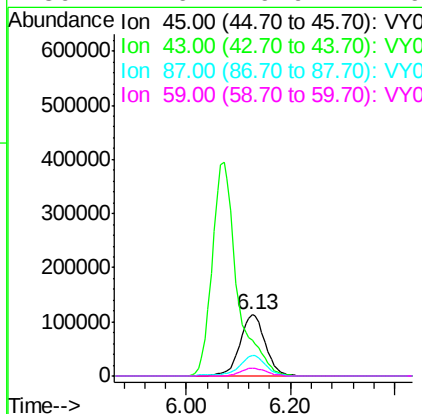
RT: 6.13 min Scan# 720

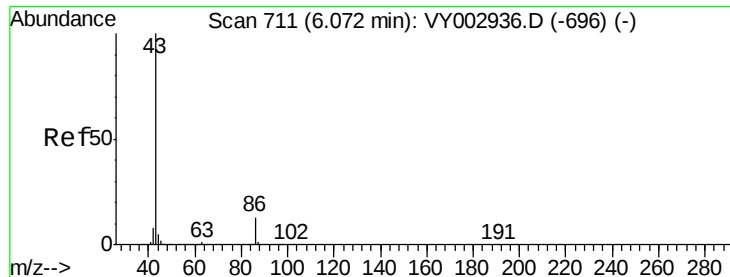
Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion:	45	Resp:	379467
Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.2	69.2
87	34.1	24.9	37.3
59	12.6	9.9	14.9





#23

Vinyl Acetate

Concen: 224.776 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1319116

Ion Ratio Lower Upper

43 100

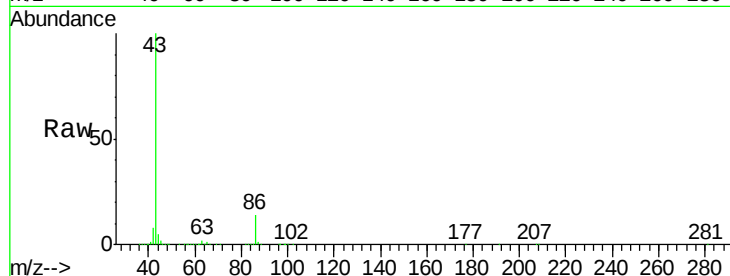
86 13.8 10.6 15.8

Manual Integrations

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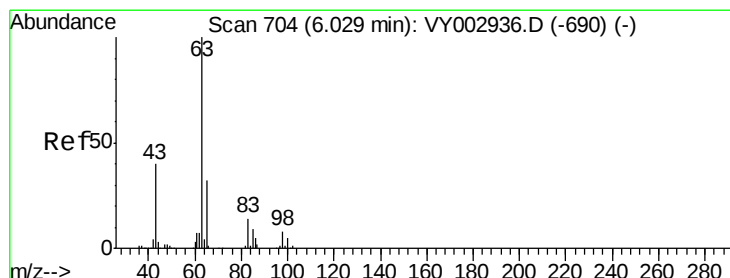
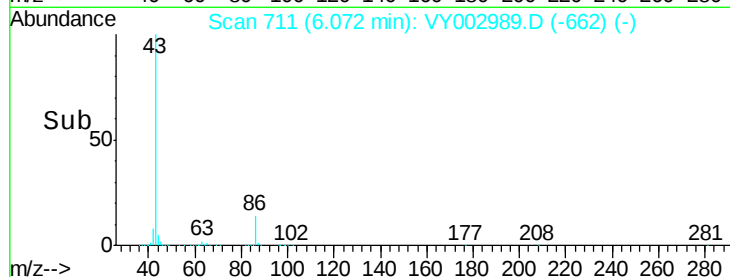
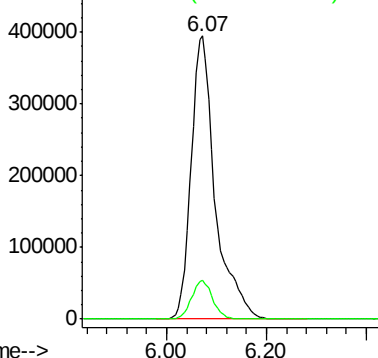
MMDadoda

6/23/2020 8:13:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 42.431 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

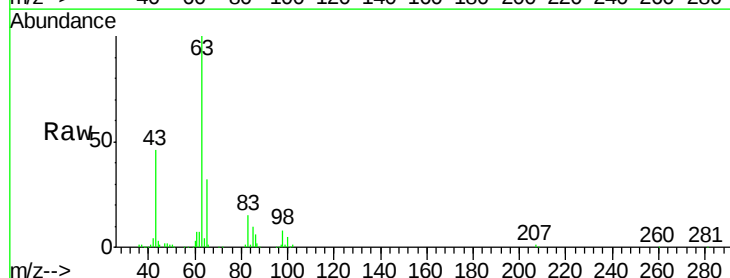
Tgt Ion: 63 Resp: 228053

Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

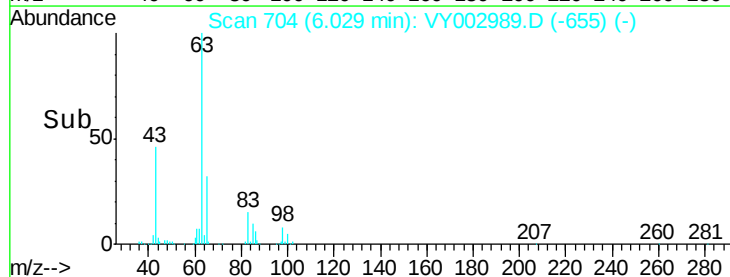
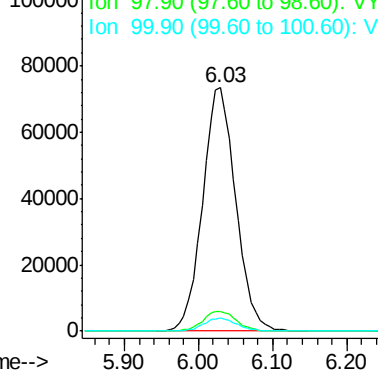
100 5.2 2.5 7.6

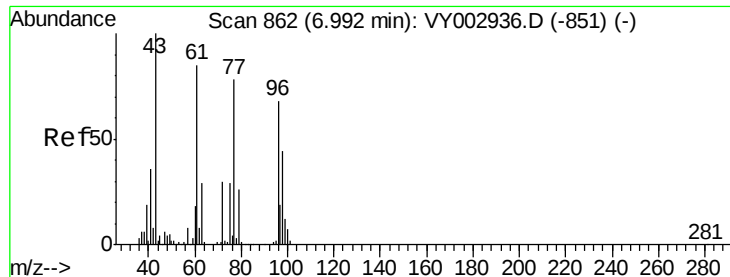


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





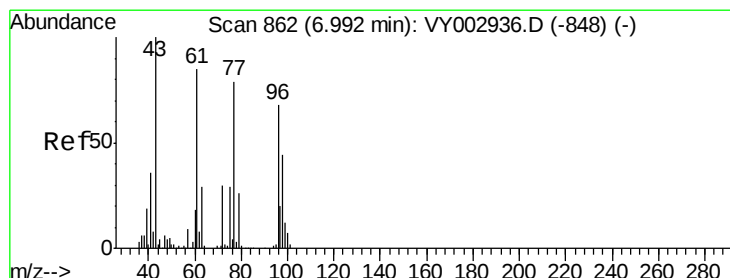
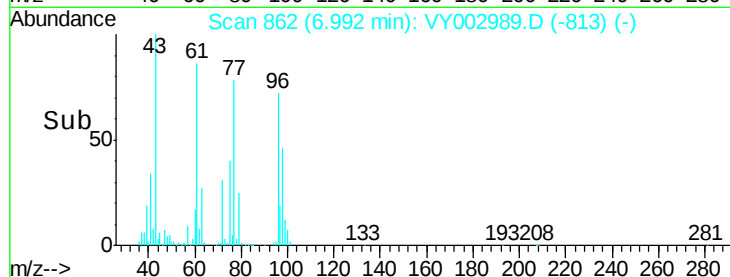
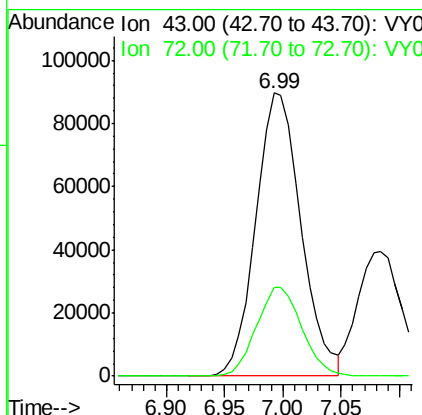
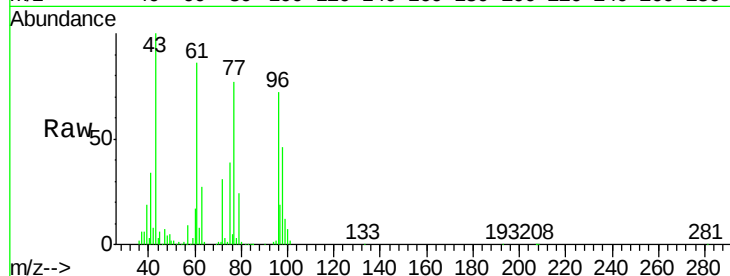
#25
2-Butanone
Concen: 212.861 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	31.3	24.2	36.4

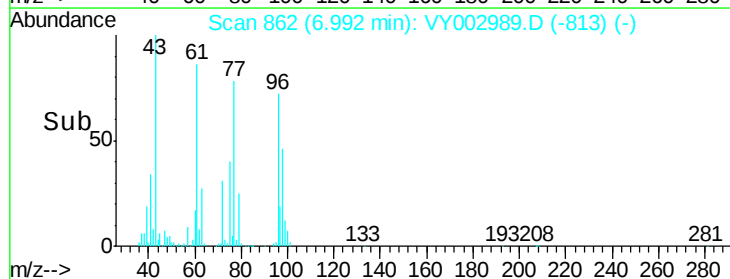
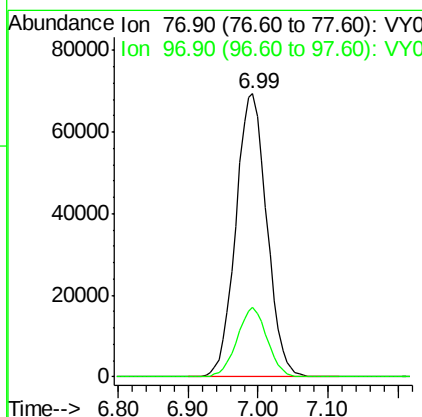
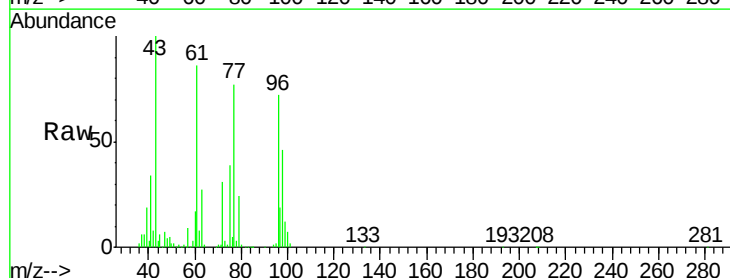
Manual Integrations
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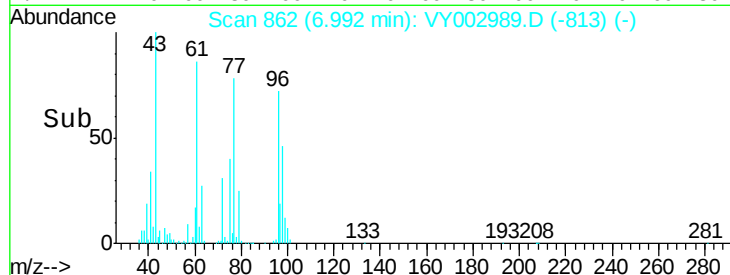
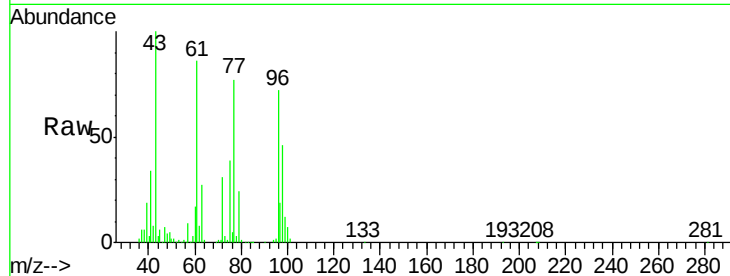
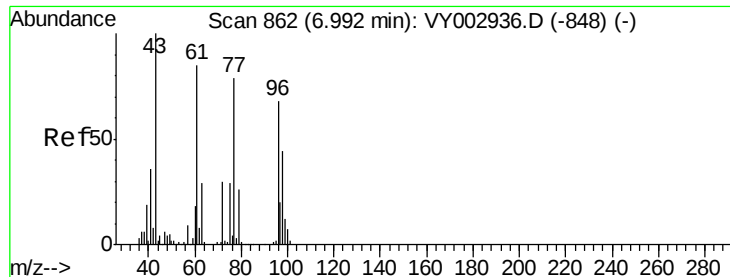
MMDadoda
6/23/2020 8:13:37 PM



#26
2,2-Dichloropropane
Concen: 42.371 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.6	12.3	36.9





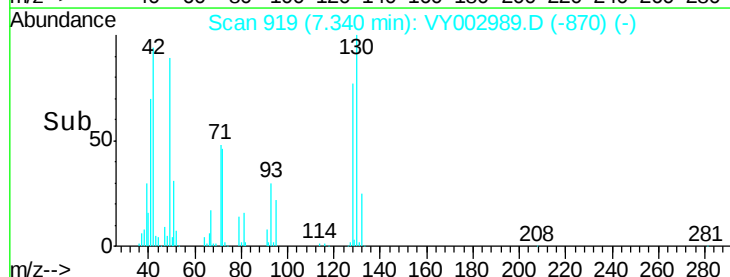
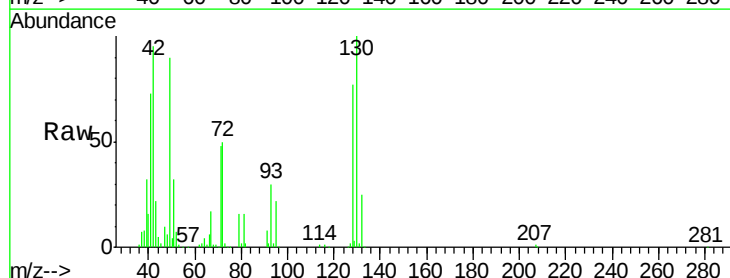
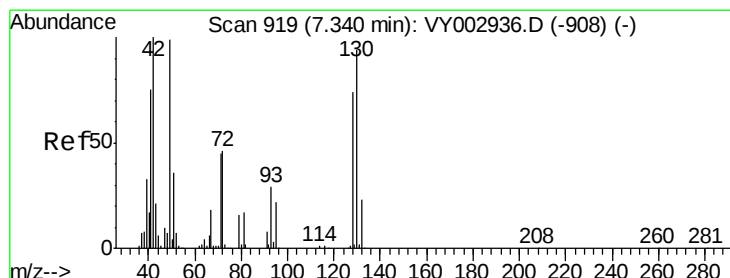
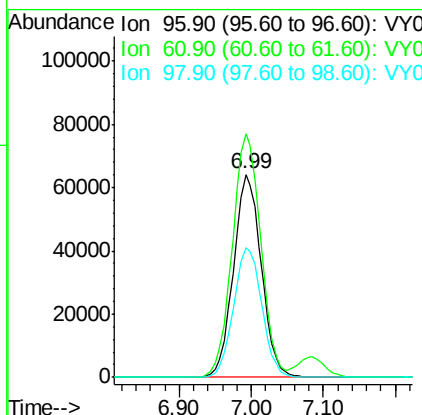
#27
 cis-1,2-Dichloroethene
 Concen: 44.834 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	257.0
98	65.4	0.0	129.8

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

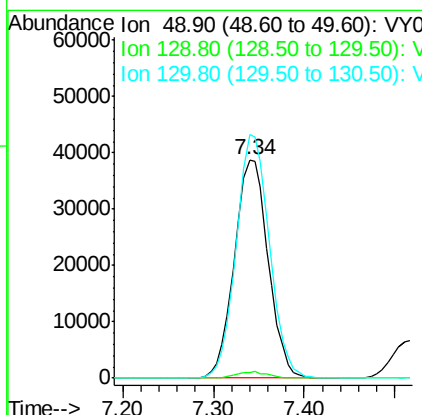
Manual Integrations
 APPROVED

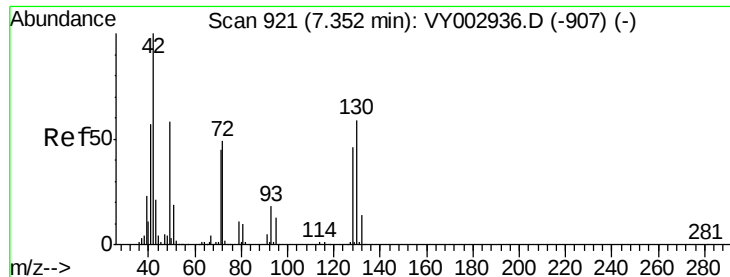
MMDadoda
 6/23/2020 8:13:37 PM



#28
 Bromochloromethane
 Concen: 44.692 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	109.4	78.4	117.6





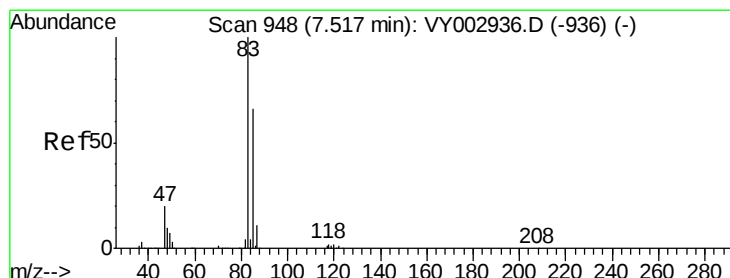
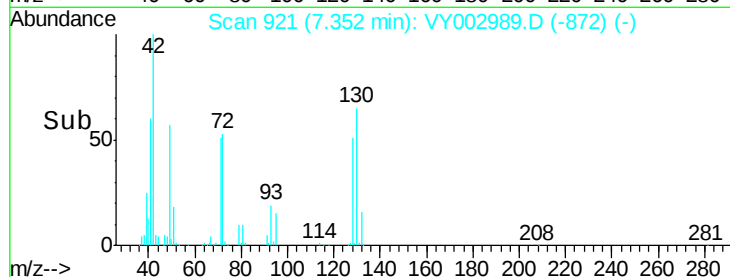
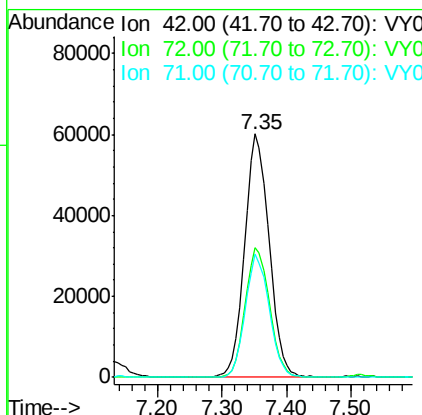
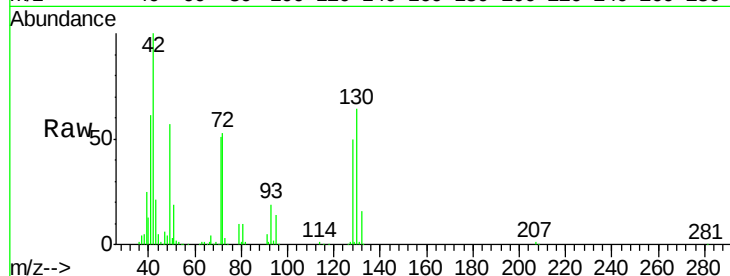
#29
Tetrahydrofuran
Concen: 213.945 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.0	39.1	58.7
71	49.4	36.4	54.6

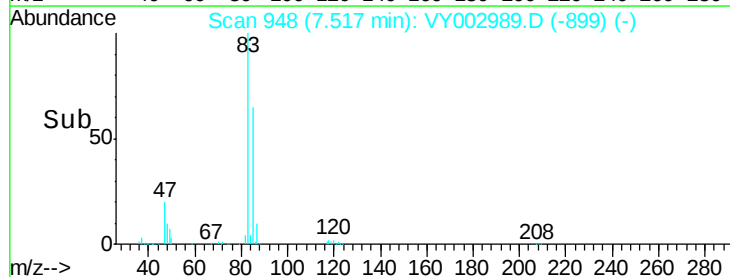
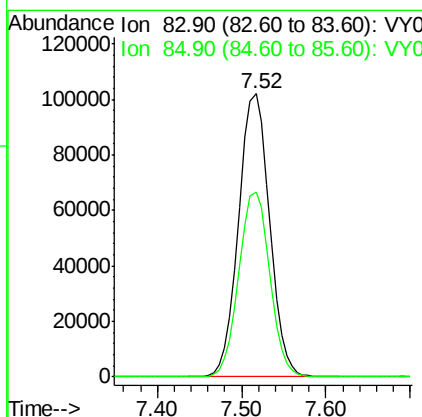
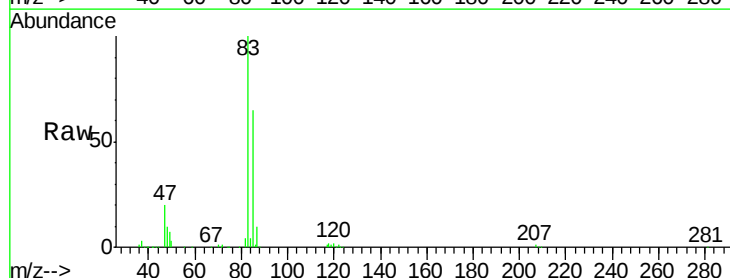
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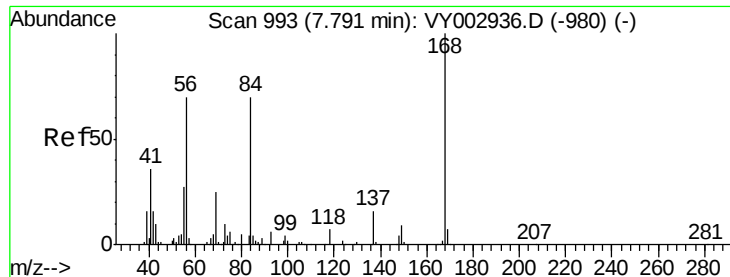
MMDadoda
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#30
Chloroform
Concen: 45.028 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.1	79.7





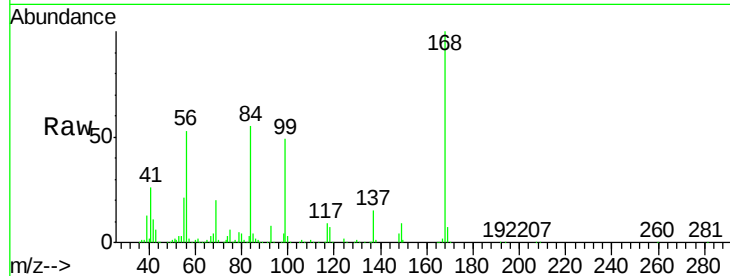
#31
Cyclohexane
Concen: 39.611 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.4	28.9	43.3
84	103.3	80.1	120.1

Manual Integrations
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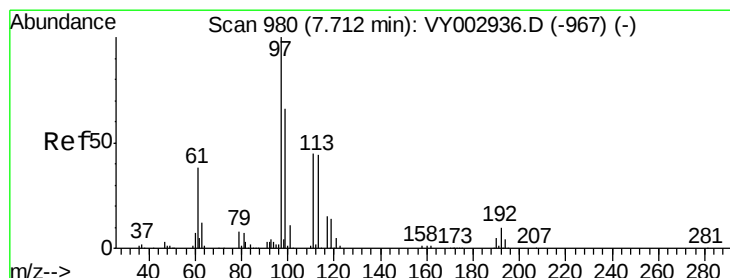
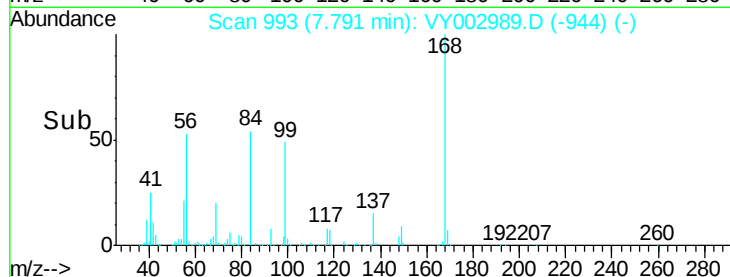
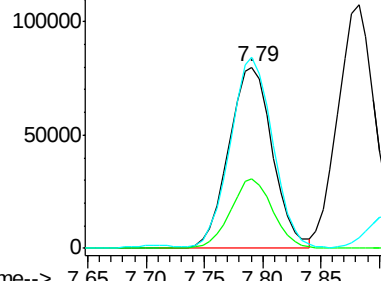


Abundance

Ion 56.00 (55.70 to 56.70): VY0

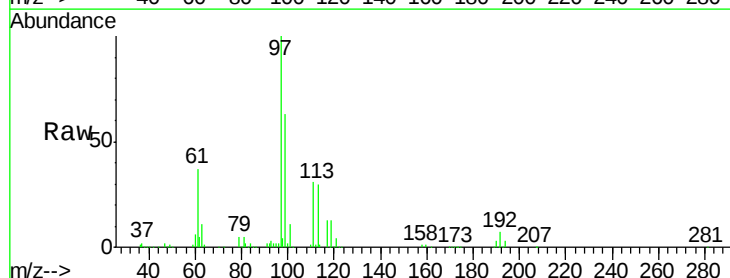
Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32
1,1,1-Trichloroethane
Concen: 45.765 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.2
61	36.3	30.3	45.5

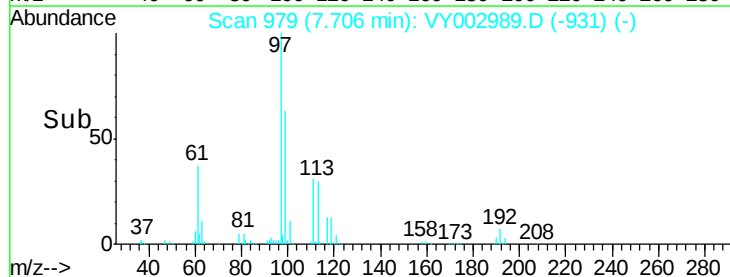
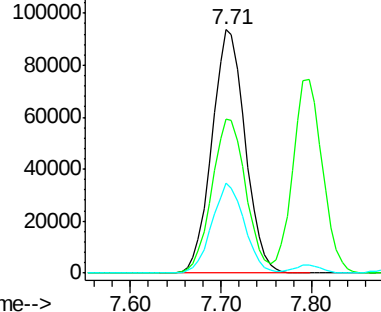


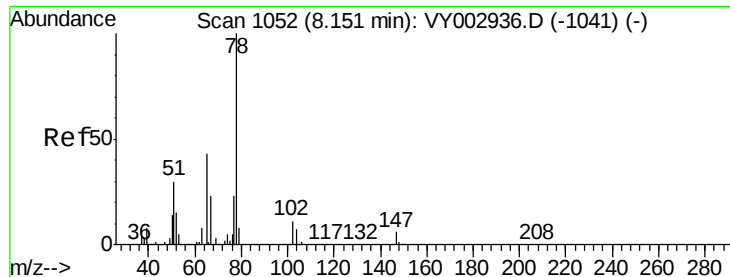
Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





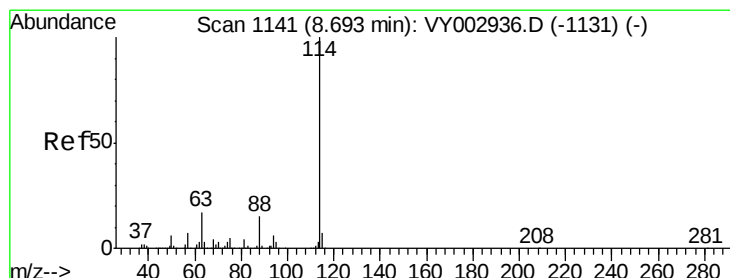
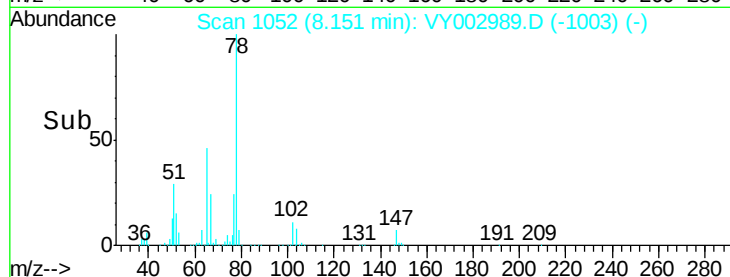
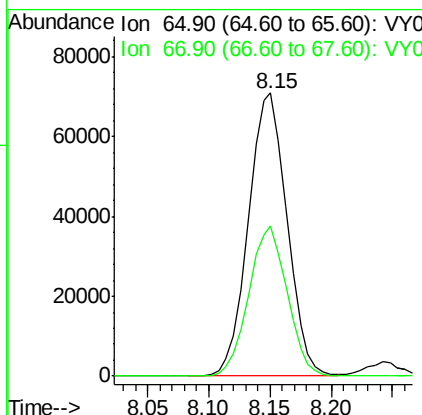
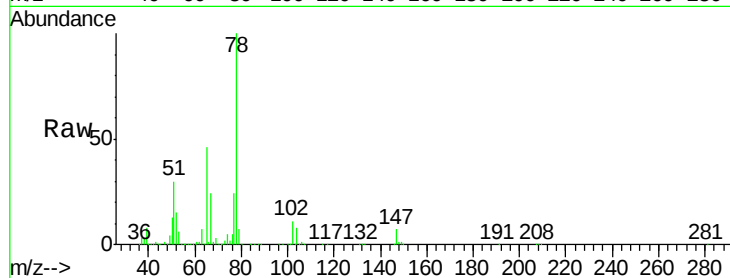
#33
 1,2-Dichloroethane-d4
 Concen: 51.028 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	109.4	

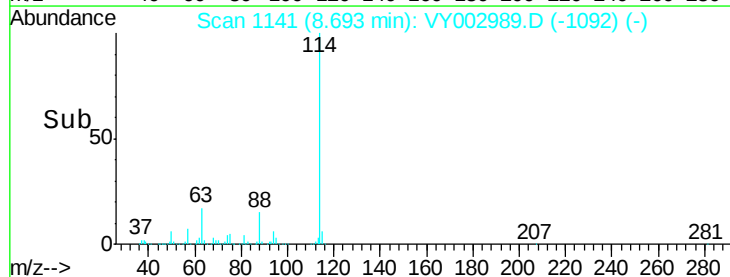
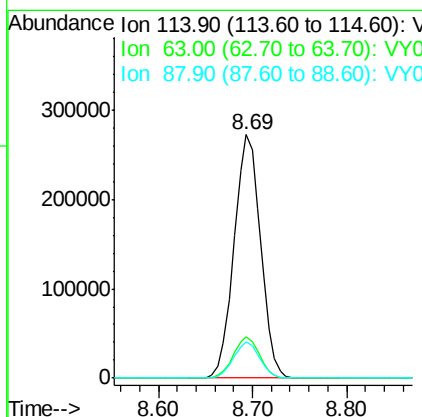
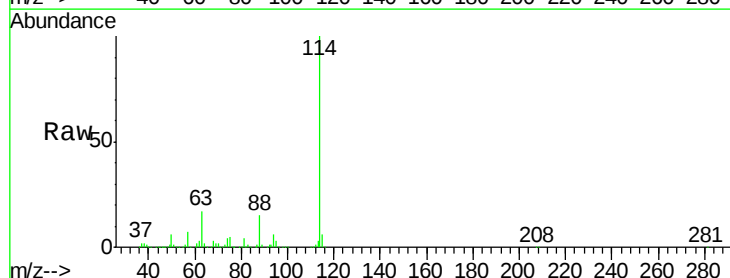
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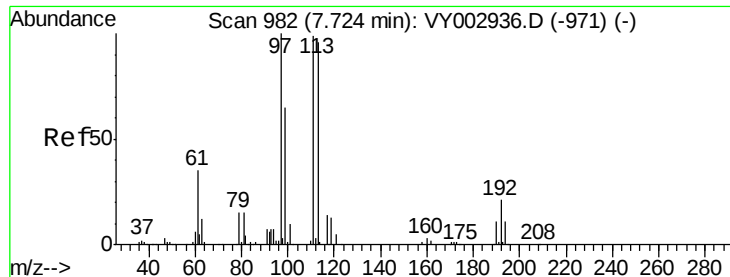
MMDadoda
 6/23/2020 8:13:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.9	0.0	34.6	
88	14.7	0.0	29.2	





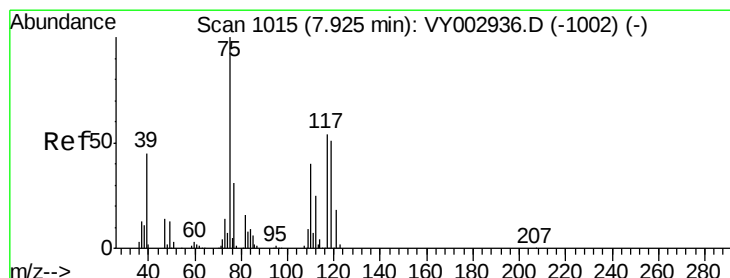
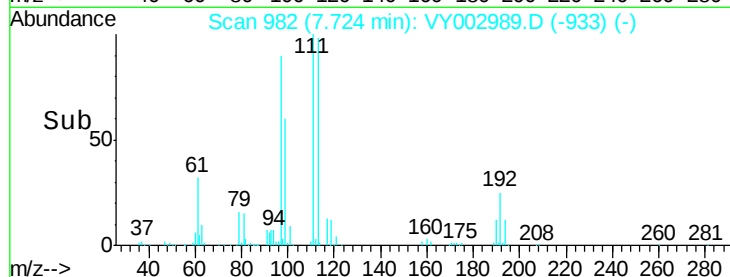
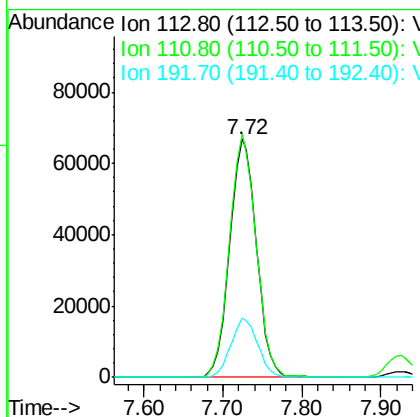
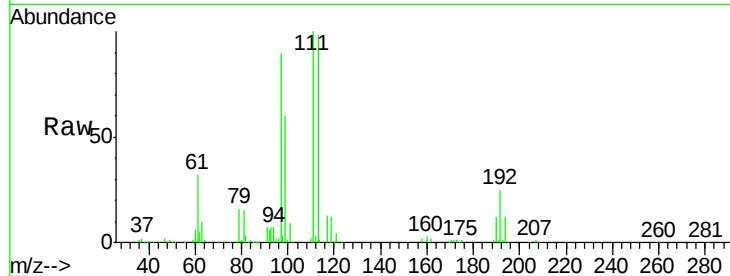
#35
 Dibromofluoromethane
 Concen: 52.130 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	101.9	81.5	122.3	
192	24.9	19.2	28.8	

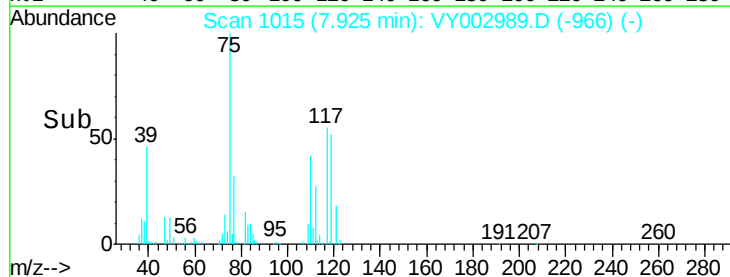
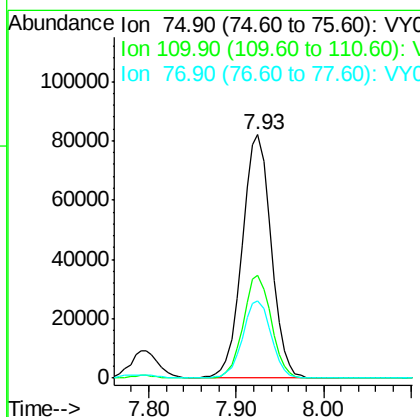
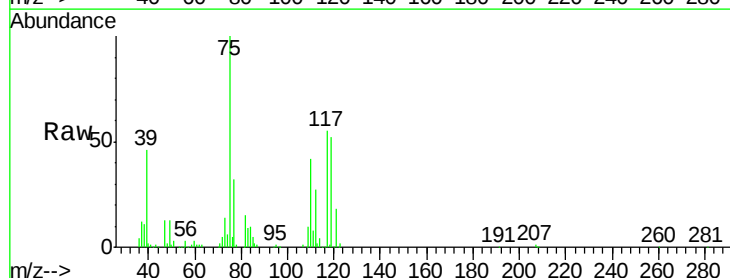
Manual Integrations
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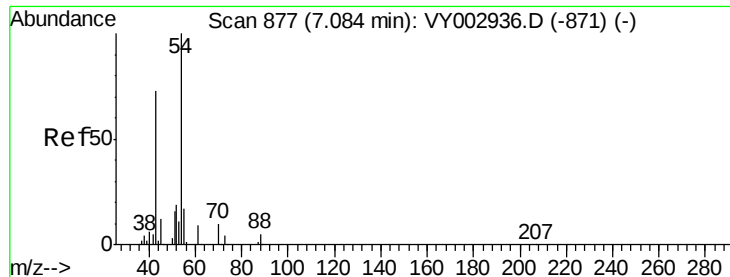
MMDadoda
 6/23/2020 8:13:37 PM



#36
 1,1-Dichloropropene
 Concen: 43.674 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	40.7	19.7	59.0	
77	31.4	25.0	37.4	





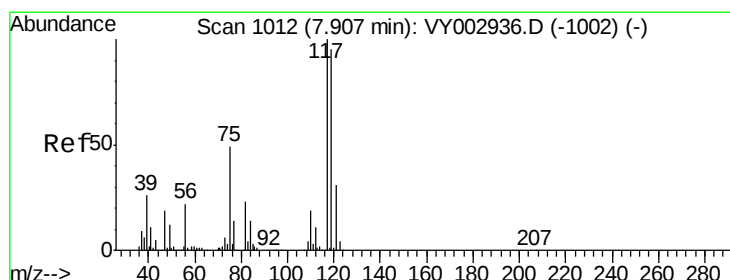
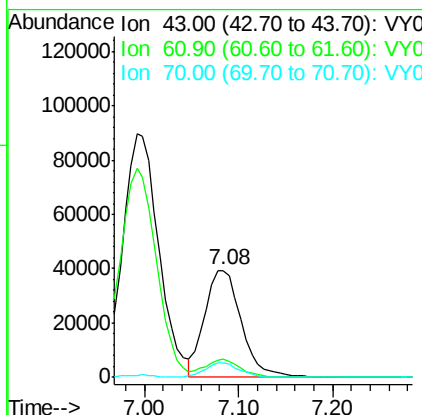
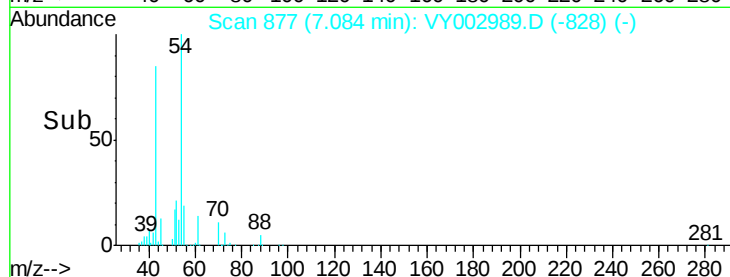
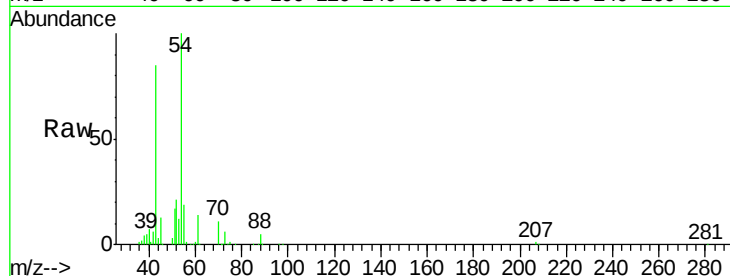
#37
Ethyl Acetate
Concen: 44.172 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.3	18.5
70	12.8	9.7	14.5

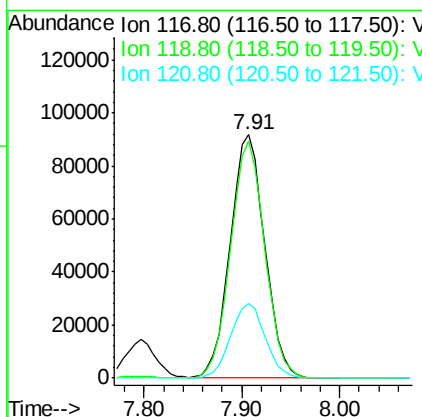
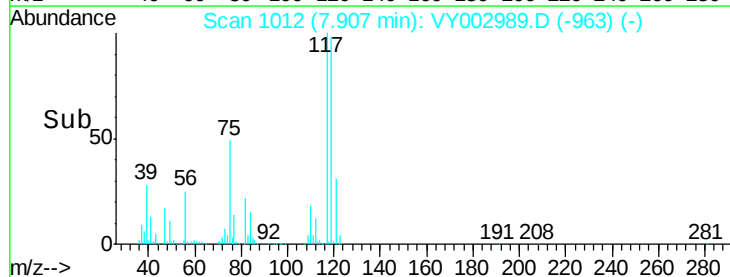
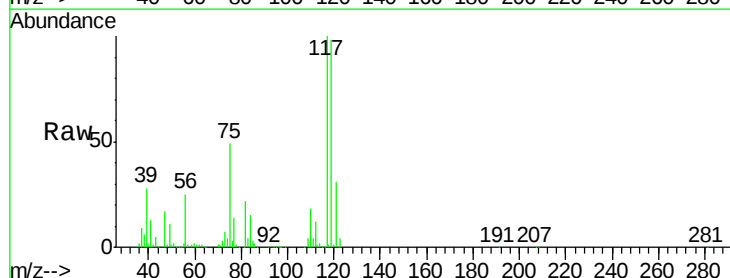
Manual Integrations
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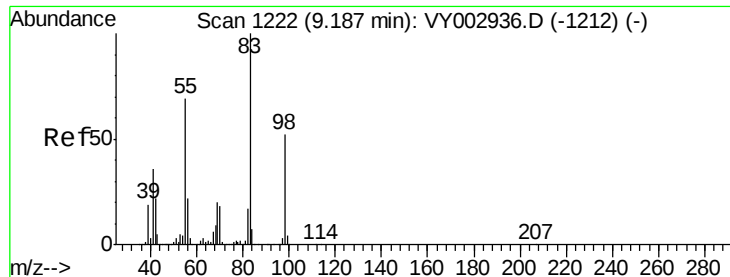
MMDadoda
6/23/2020 8:13:37 PM



#38
Carbon Tetrachloride
Concen: 47.197 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	76.1	114.1
121	30.9	24.8	37.2





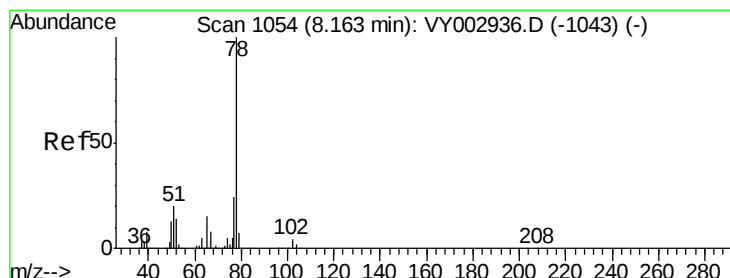
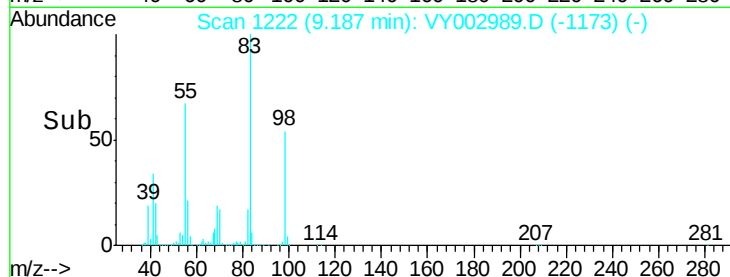
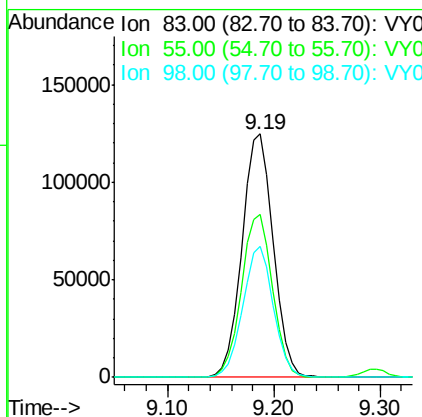
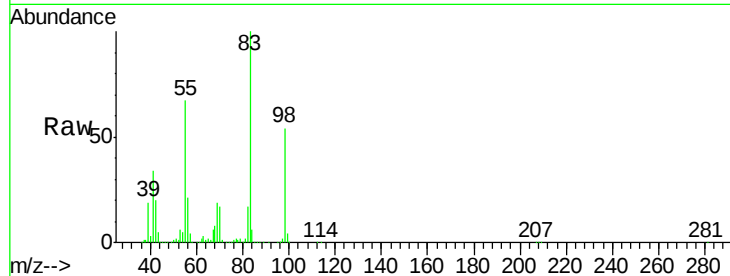
#39
Methvlcvclohexane
Concen: 44.990 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.0	55.0	82.4
98	53.8	41.4	62.2

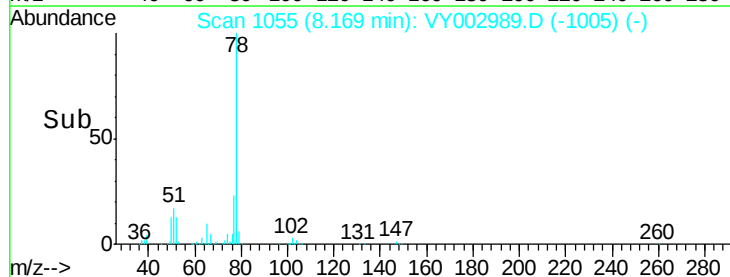
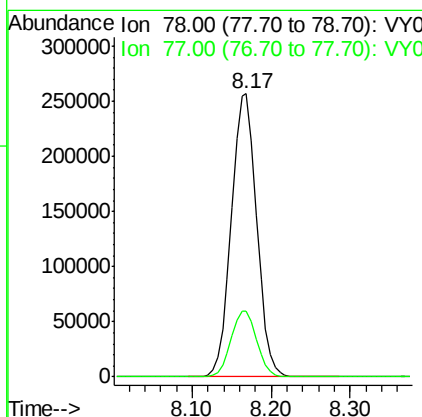
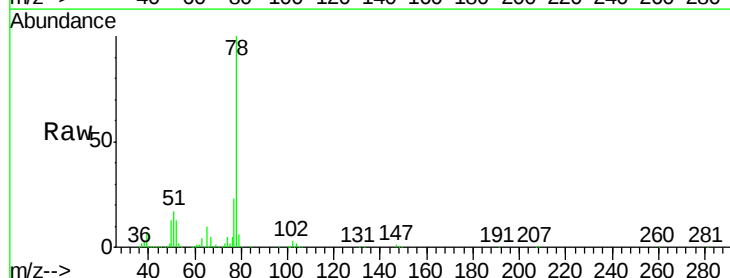
Manual Integrations
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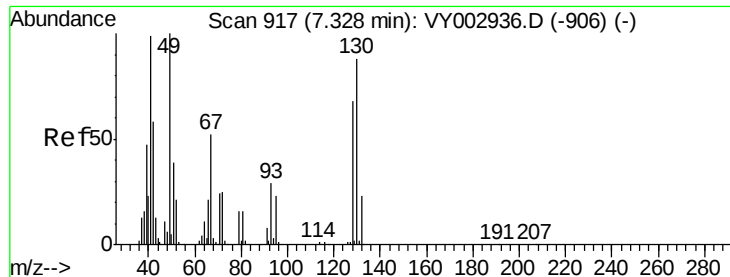
MMDadoda
6/23/2020 8:13:37 PM



#40
Benzene
Concen: 44.461 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





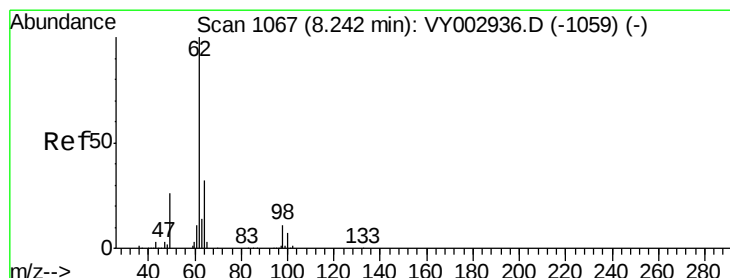
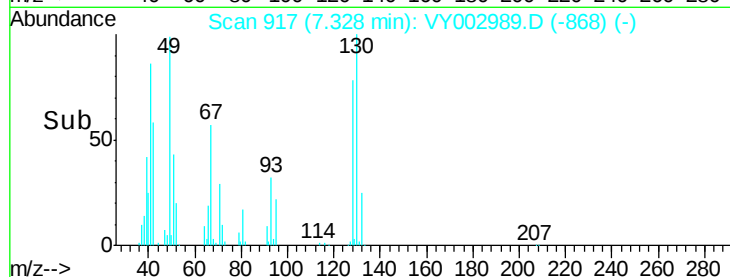
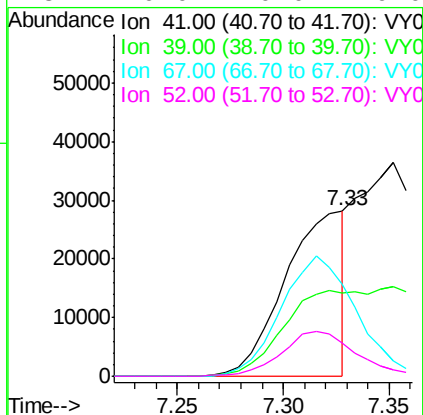
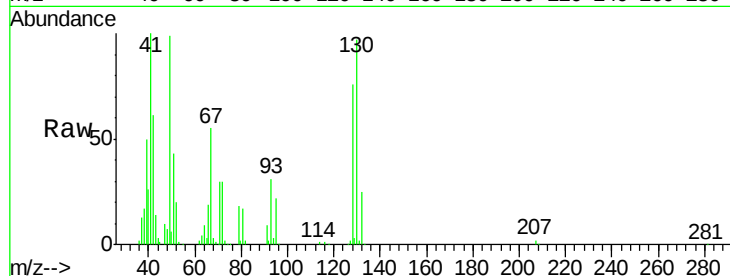
#41
Methacrylonitrile
Concen: 45.967 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	55338
Ion	Ratio	Lower	Upper
41	100		
39	0.0	96.6	144.8#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

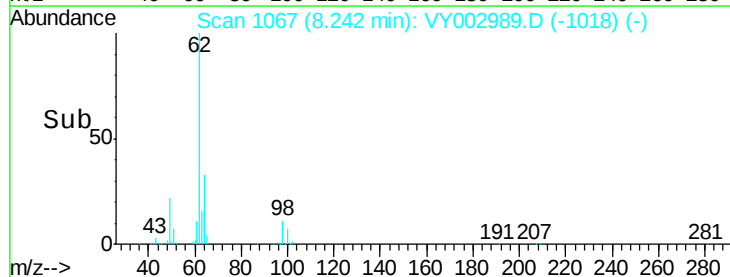
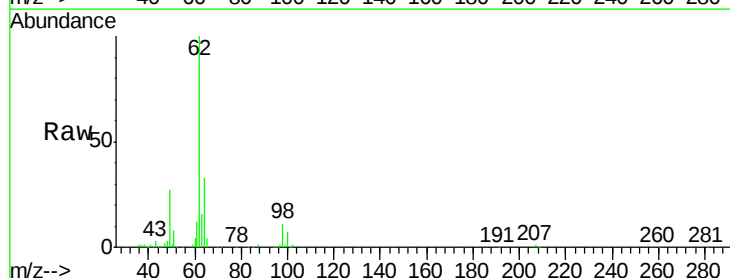
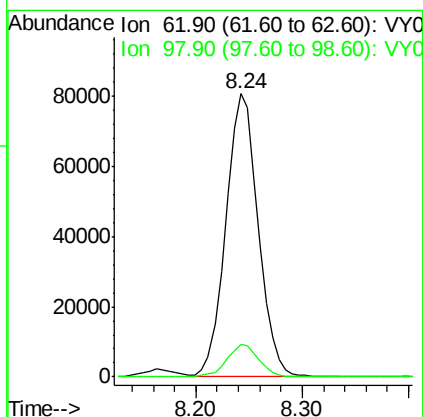
Manual Integrations
APPROVED

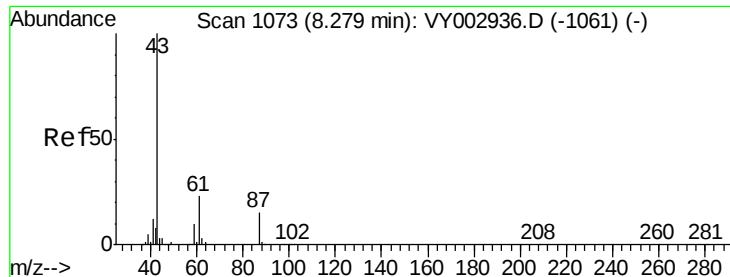
MMDadoda
6/23/2020 8:13:37 PM



#42
1,2-Dichloroethane
Concen: 47.944 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	62	Resp	171559
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





#43

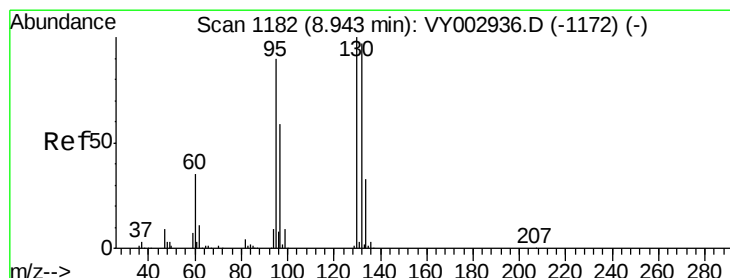
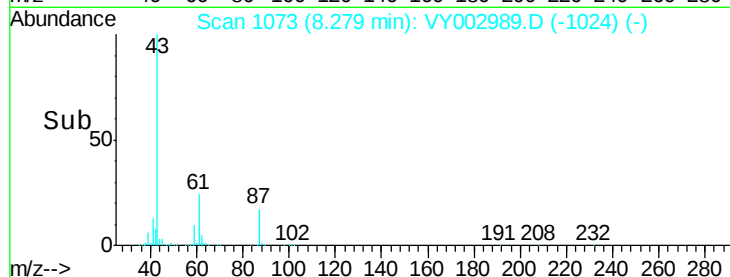
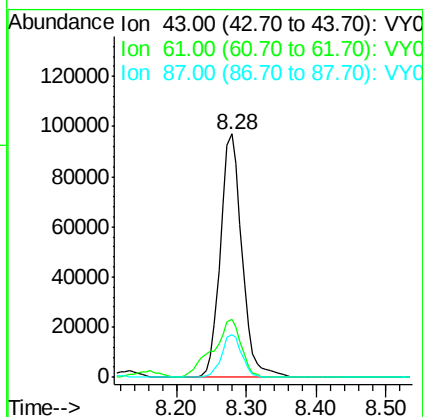
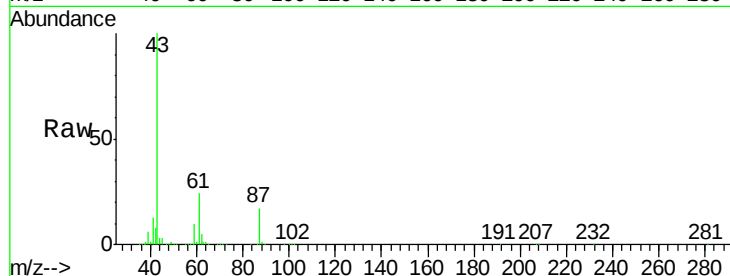
Isopropyl Acetate
 Concen: 46.529 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.0	25.0	37.4
87	16.6	12.6	18.8

Manual Integrations
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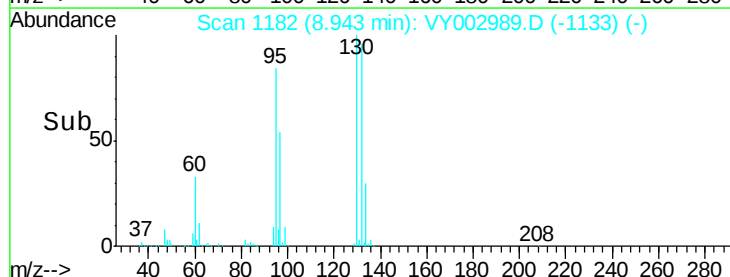
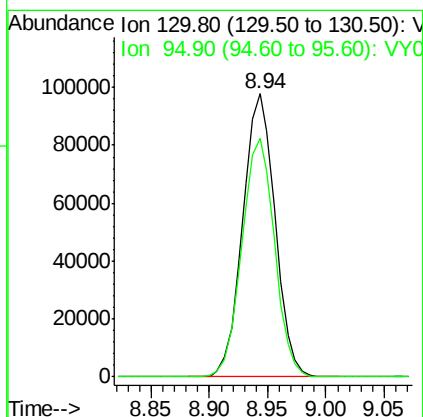
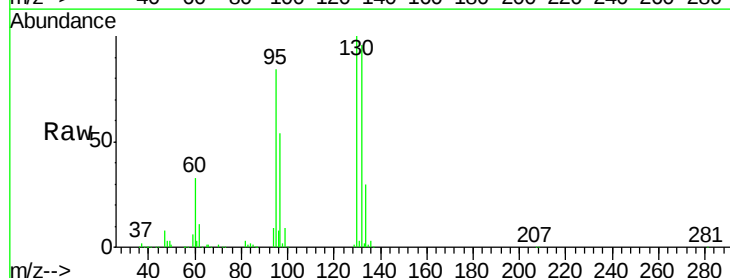
MMDadoda
 6/23/2020 8:13:37 PM

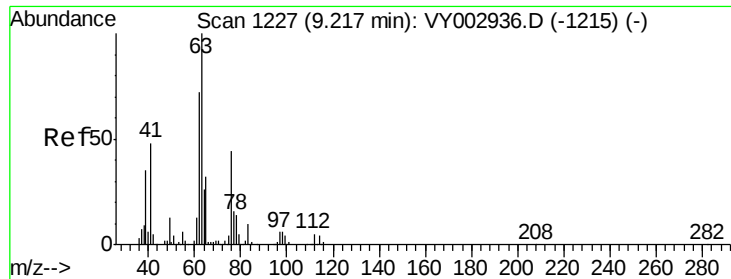


#44

Trichloroethene
 Concen: 47.508 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.3	0.0	179.6





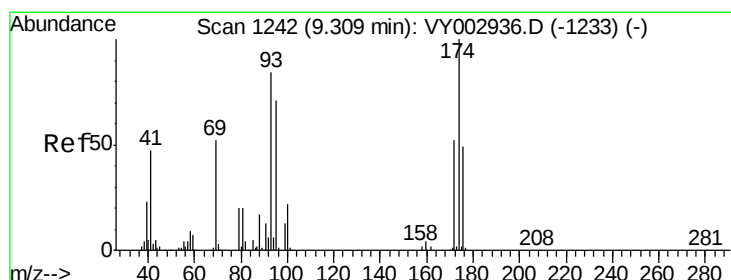
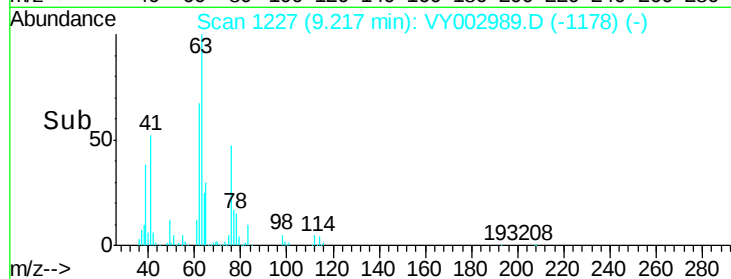
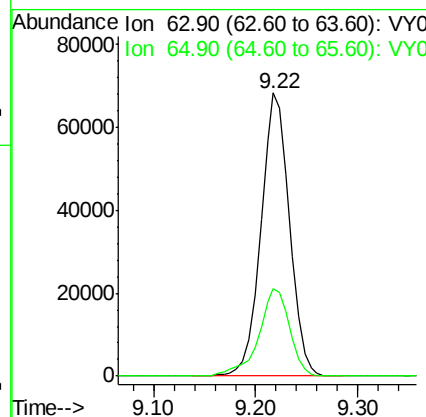
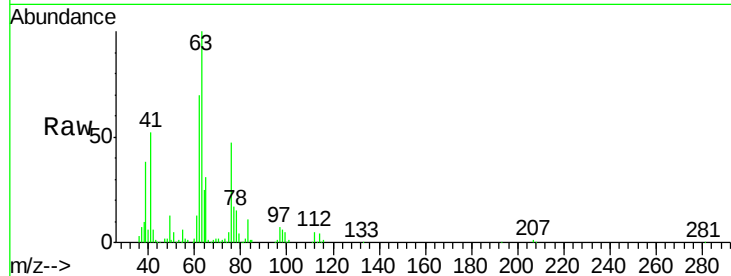
#45
 1,2-Dichloropropane
 Concen: 42.823 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	25.5	38.3

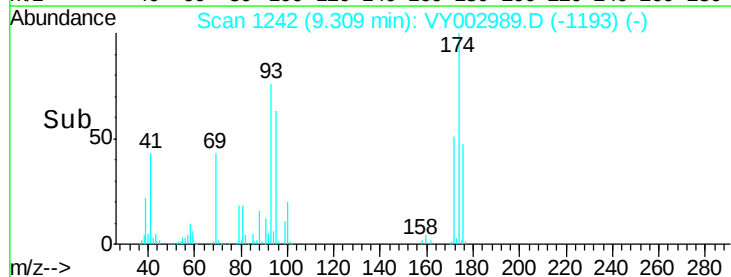
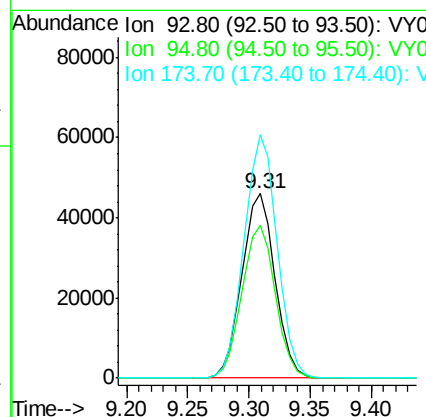
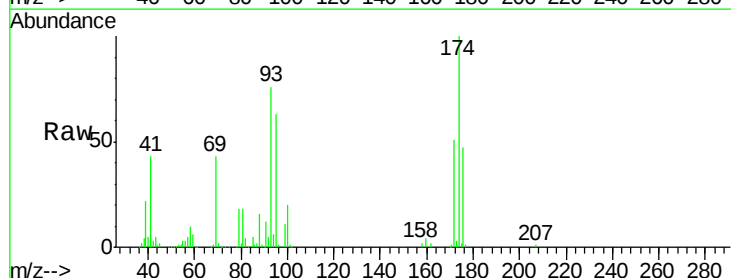
Manual Integrations
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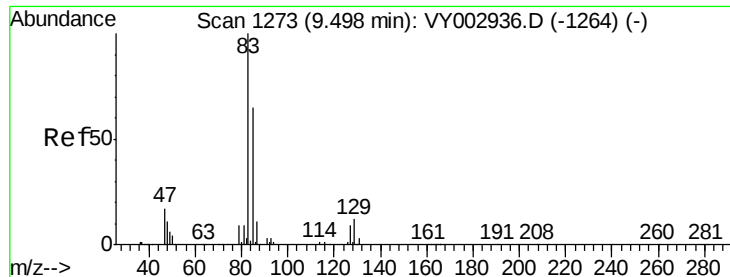
MMDadoda
 6/23/2020 8:13:37 PM



#46
 Dibromomethane
 Concen: 46.740 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.4	99.6
174	131.9	95.1	142.7





#47

Bromodichloromethane

Concen: 47.410 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

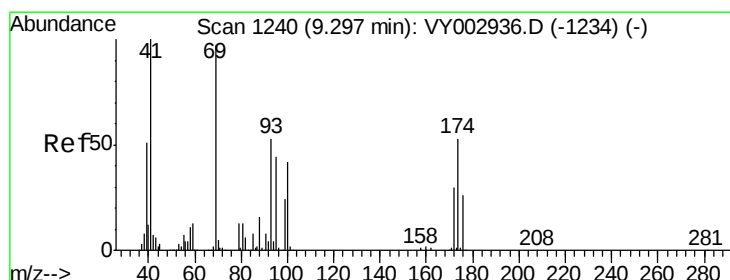
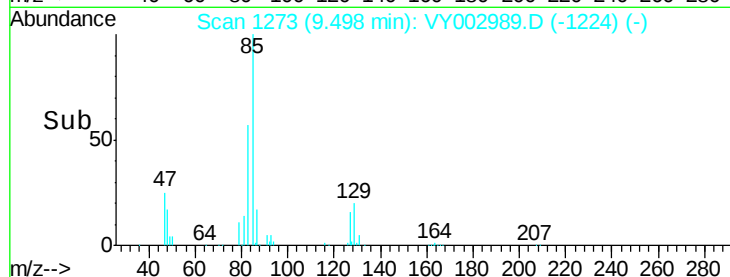
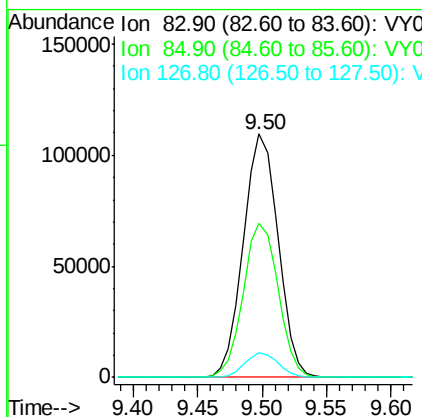
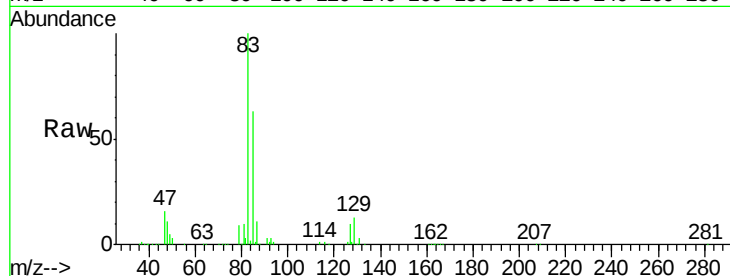
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	204909
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.9	77.9
127	10.2	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.350 ug/l

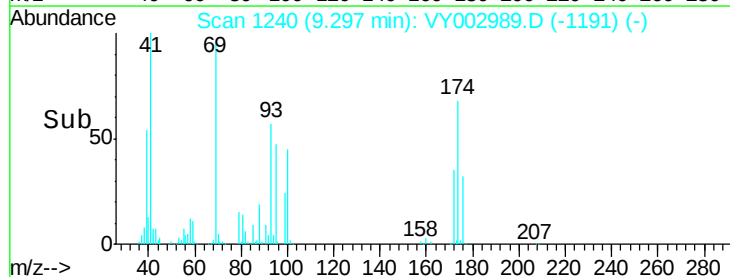
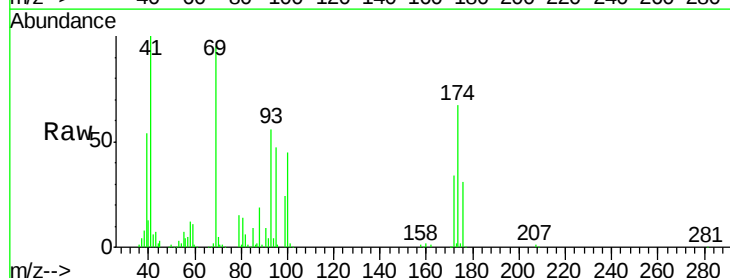
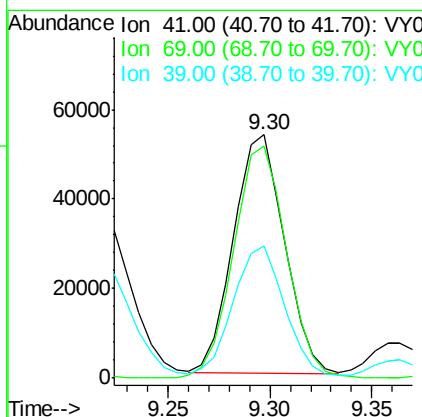
RT: 9.30 min Scan# 1240

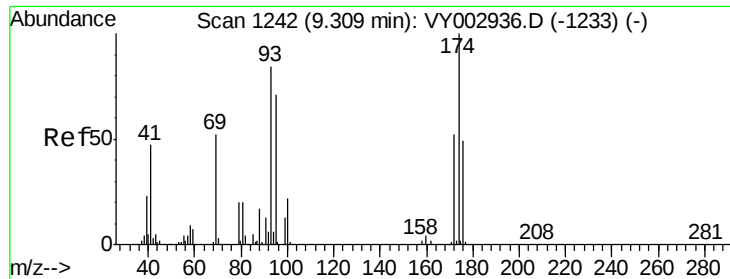
Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion:	41	Resp:	93127
Ion Ratio	Lower	Upper	
41	100		
69	99.7	79.4	119.0
39	56.5	41.1	61.7





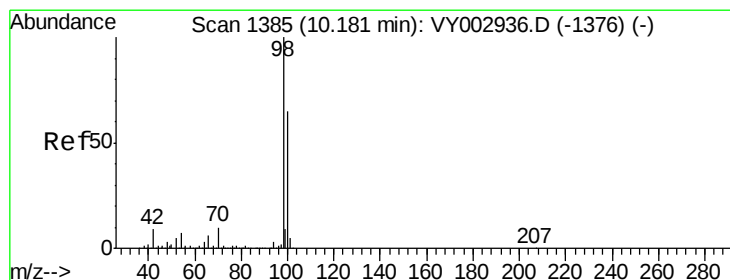
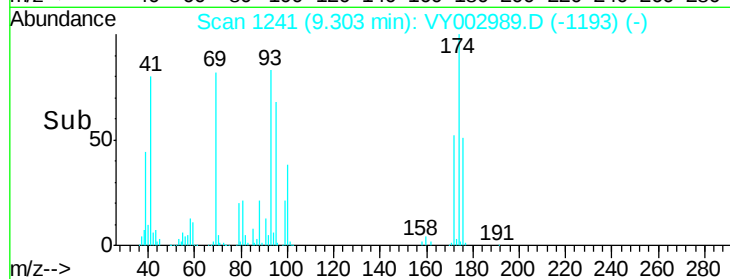
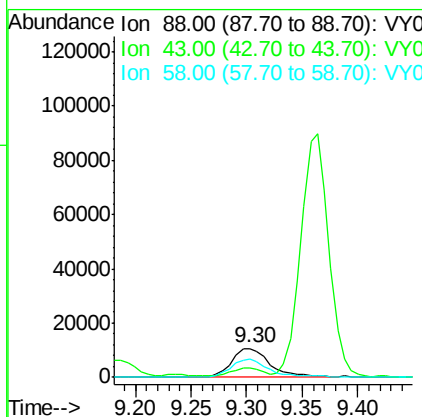
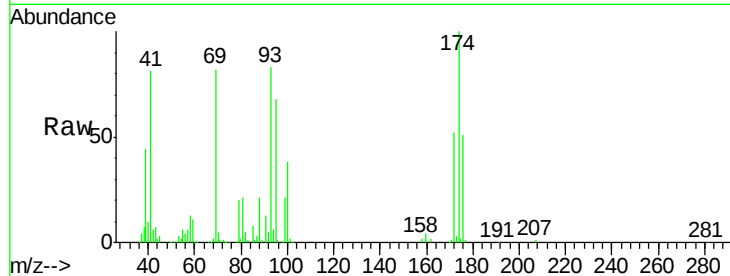
#49
1,4-Dioxane
Concen: 948.798 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	25743
Ion Ratio	Lower	Upper	
88	100		
43	22.9	21.0	31.6
58	65.4	51.5	77.3

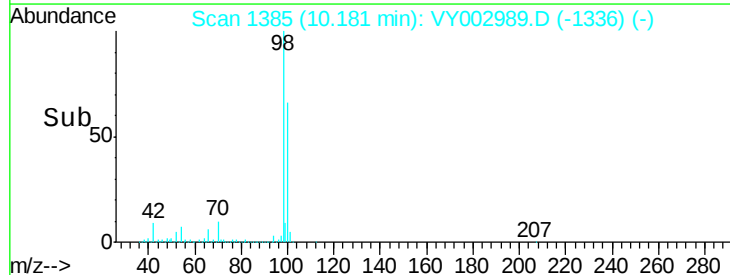
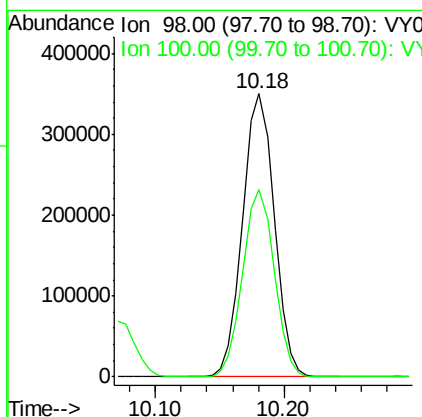
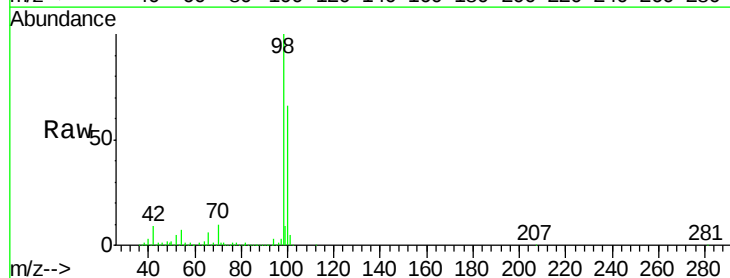
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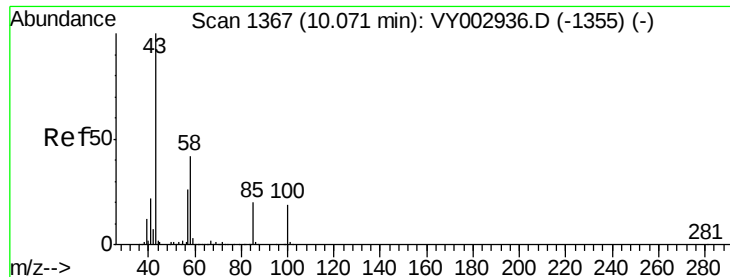
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#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	98	Resp	596512
Ion Ratio	Lower	Upper	
98	100		
100	65.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 225.144 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 534233

Ion Ratio Lower Upper

43 100

58 43.1

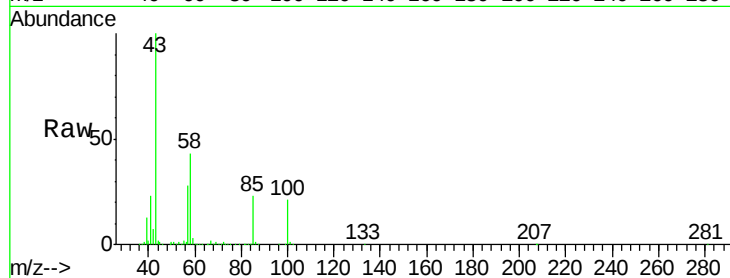
33.9

50.9

Manual Integrations
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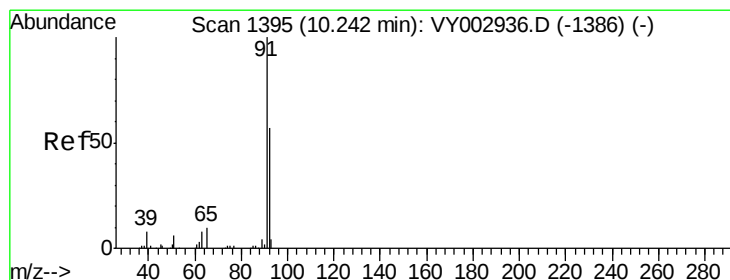
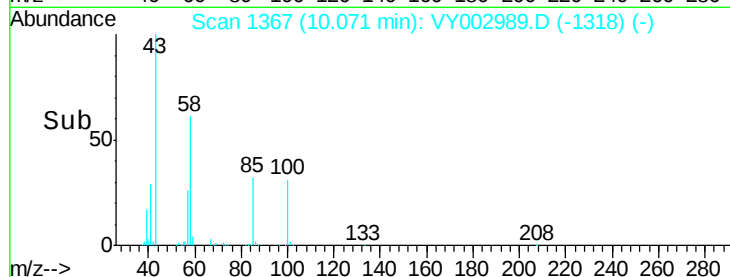
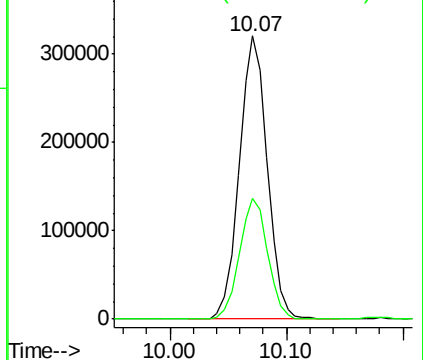
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 49.121 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion: 92 Resp: 409867

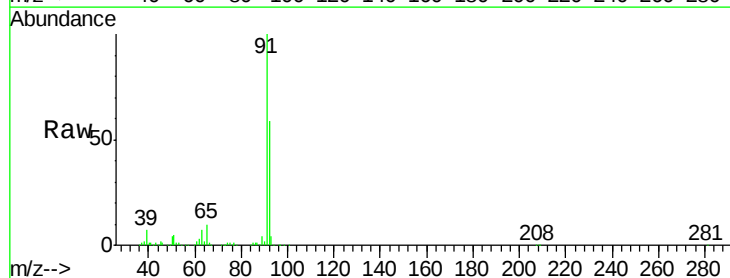
Ion Ratio Lower Upper

92 100

91 170.7

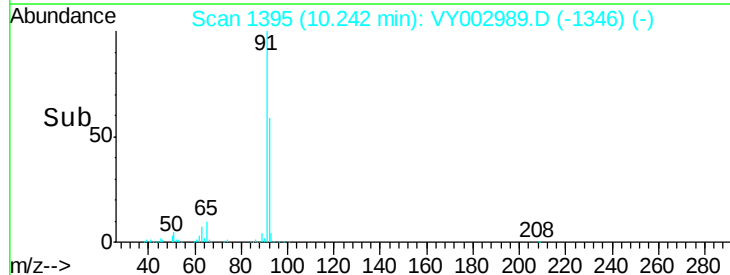
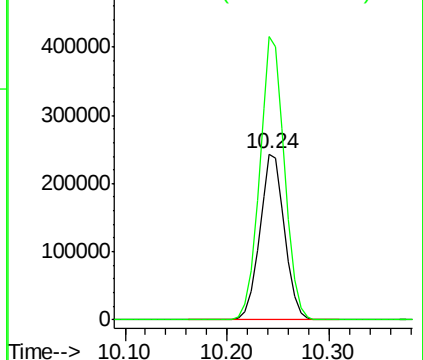
139.3

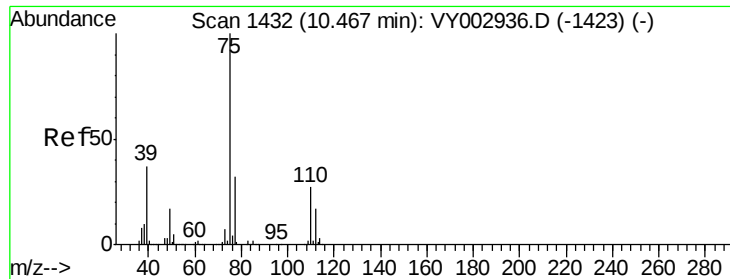
208.9



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 46.847 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 220055

Ion Ratio Lower Upper

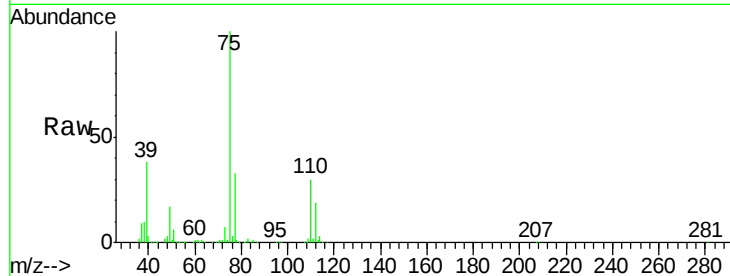
75 100

77 33.0 25.3 37.9

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

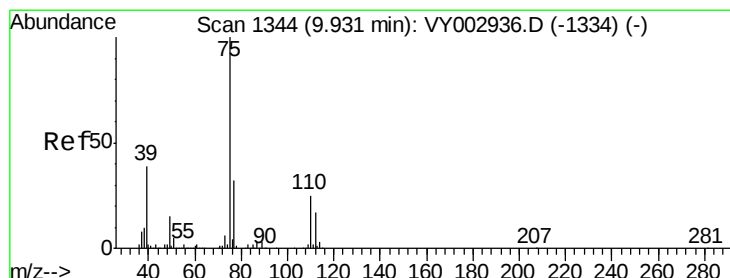
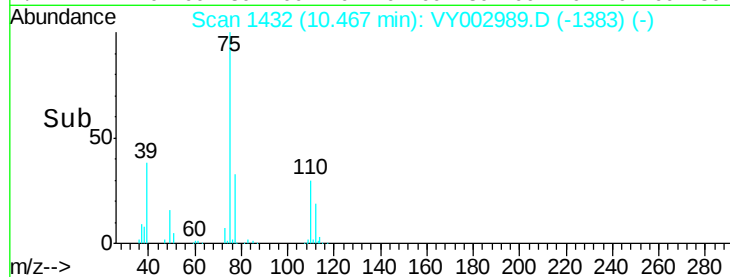
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.659 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

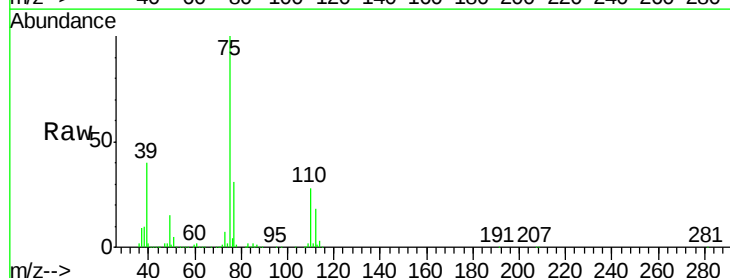
Tgt Ion: 75 Resp: 242772

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2

39 40.0 31.4 47.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

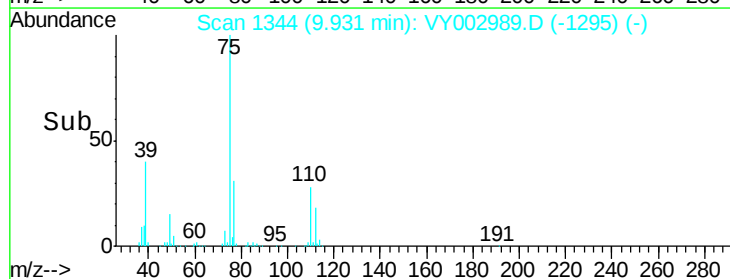
150000

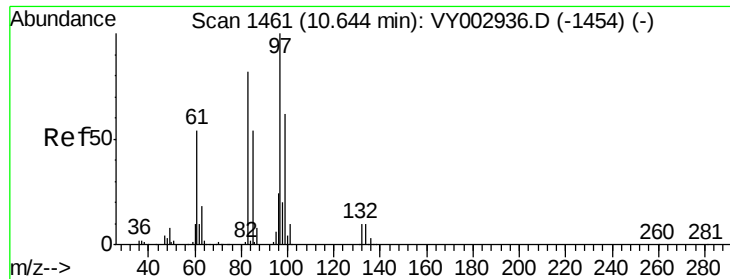
100000

50000

0

Time-->





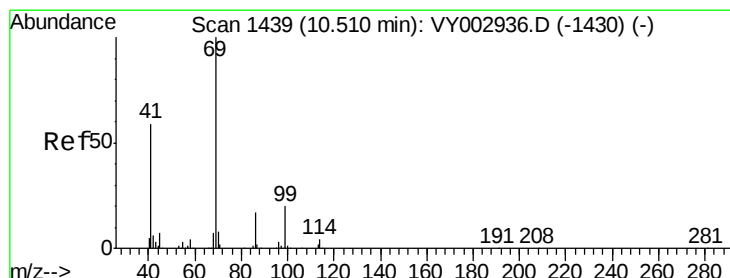
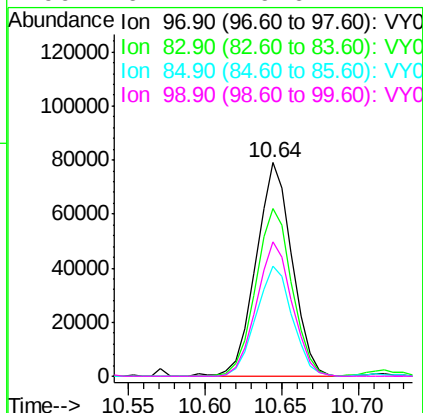
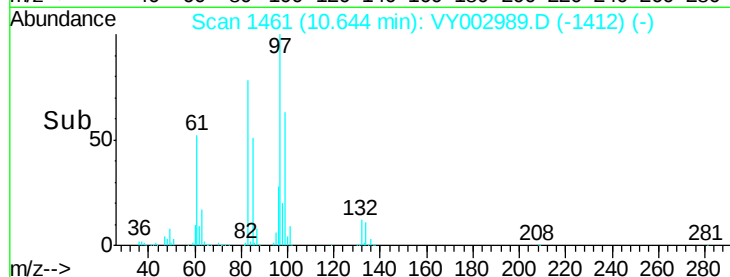
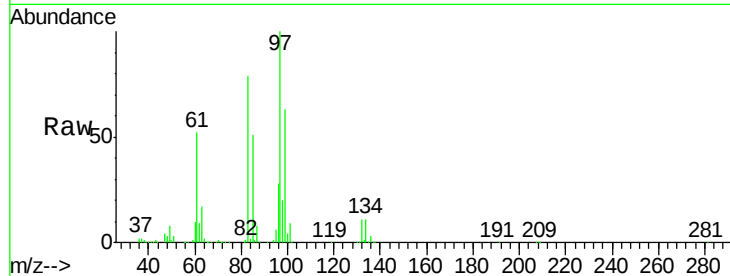
#55
 1,1,2-Trichloroethane
 Concen: 47.025 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		129824		
83	78.4	65.9	98.9		
85	51.3	43.1	64.7		
99	62.7	49.6	74.4		

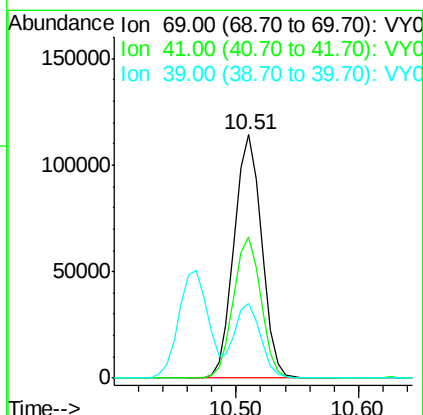
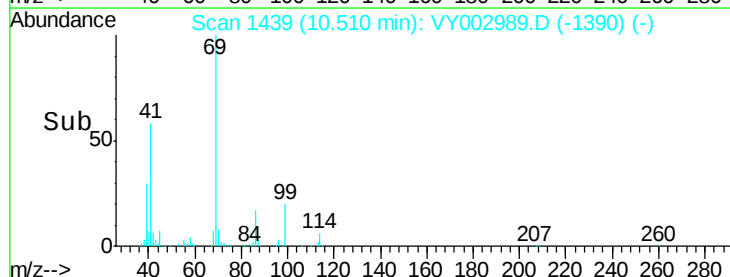
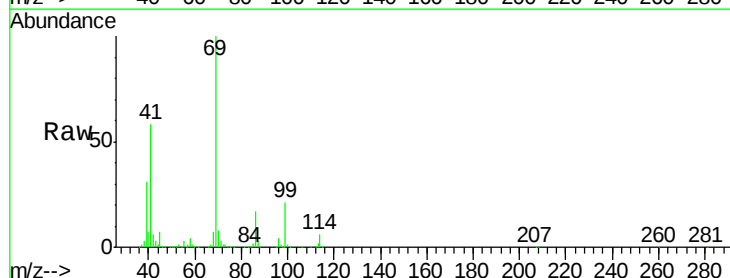
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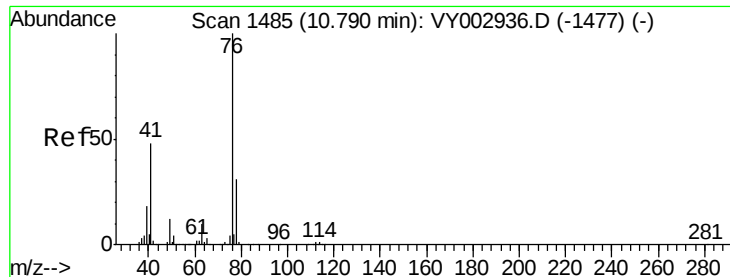
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#56
 Ethyl methacrylate
 Concen: 47.715 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		177569		
41	57.6	46.4	69.6		
39	30.3	21.4	32.0		





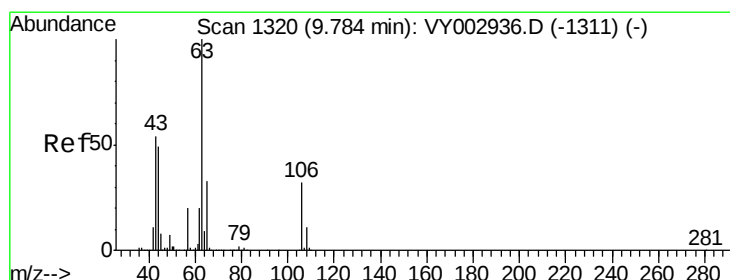
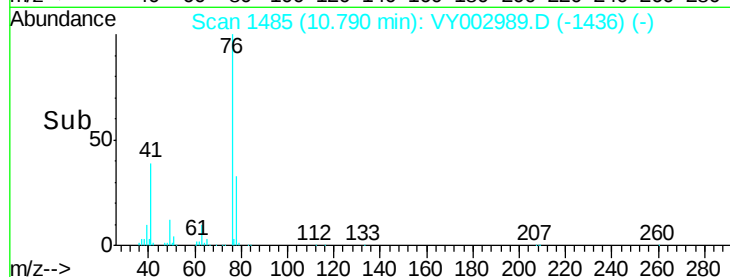
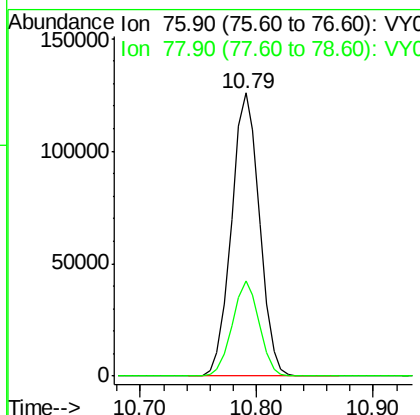
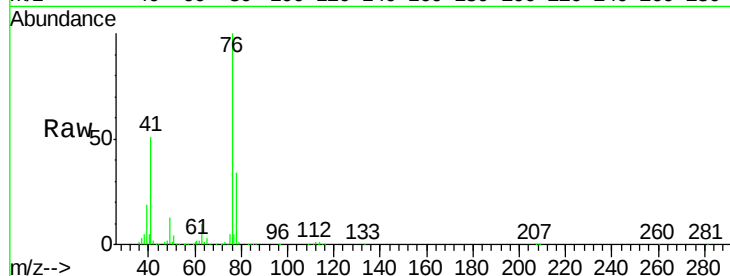
#57
 1,3-Dichloropropane
 Concen: 45.702 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 210396
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.4 38.2

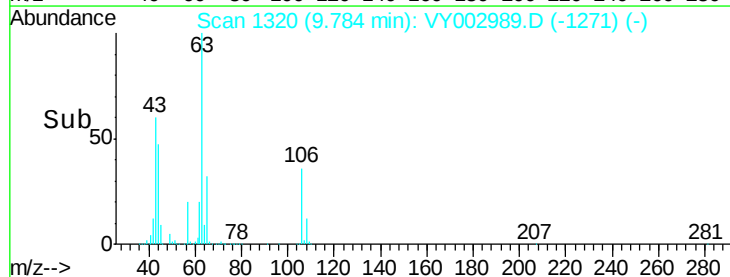
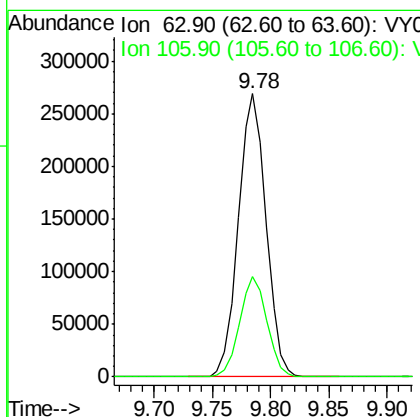
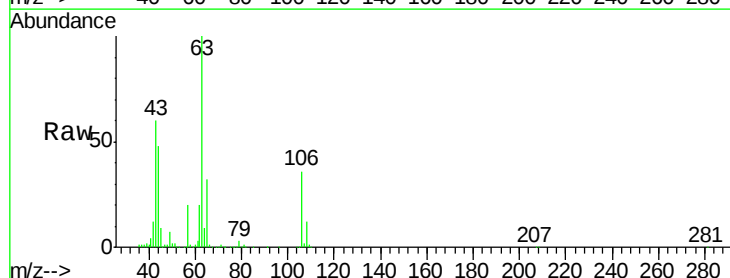
Manual Integrations
 APPROVED

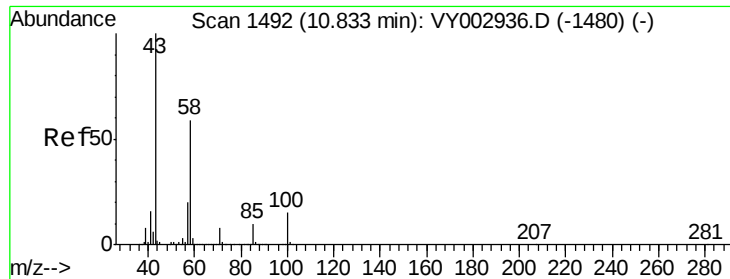
MMDadoda
 6/23/2020 8:13:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.726 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion: 63 Resp: 446196
 Ion Ratio Lower Upper
 63 100
 106 35.2 25.6 38.4





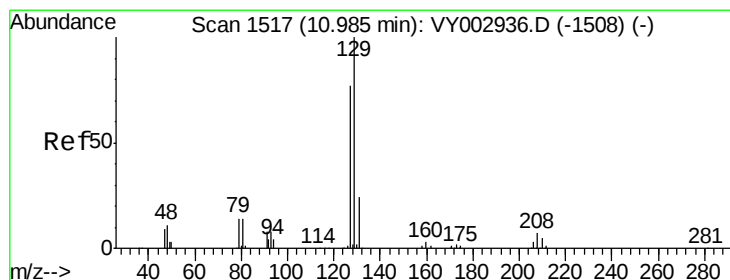
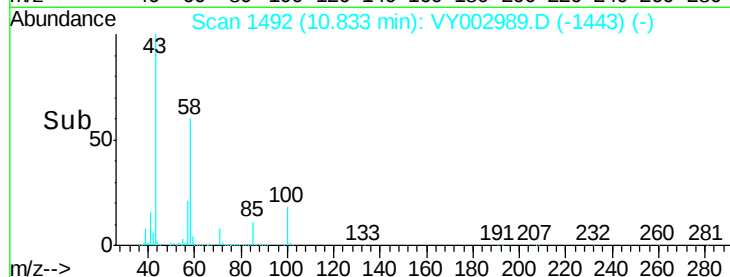
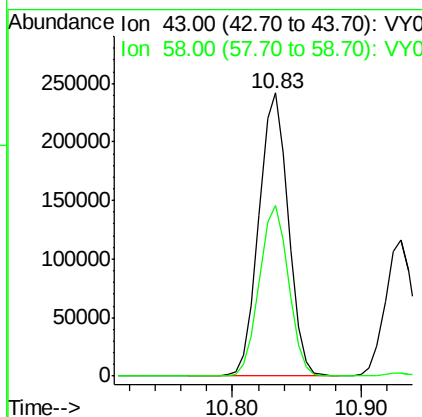
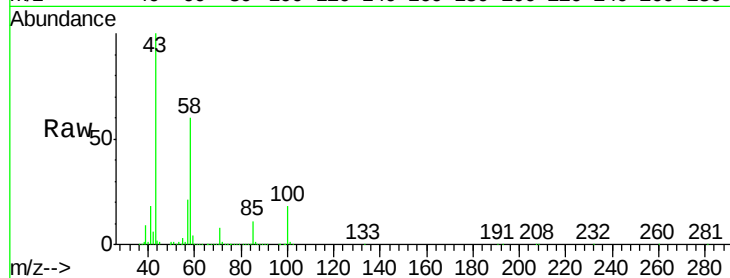
#59
2-Hexanone
Concen: 228.770 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 381643
Ion Ratio Lower Upper
43 100
58 59.9 29.7 89.1

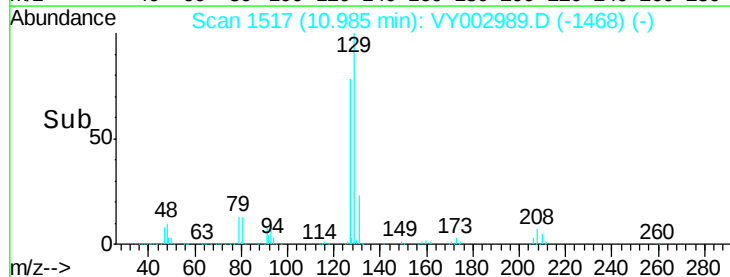
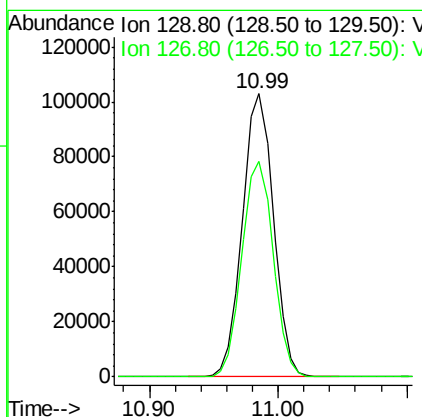
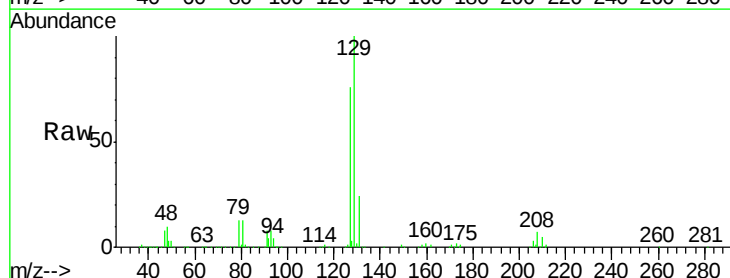
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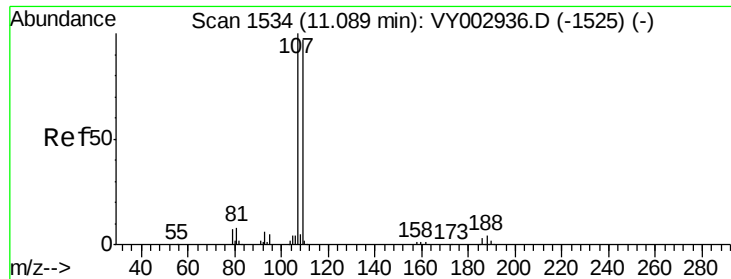
MMDadoda
6/23/2020 8:13:37 PM



#60
Dibromochloromethane
Concen: 48.792 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 129 Resp: 171784
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.6





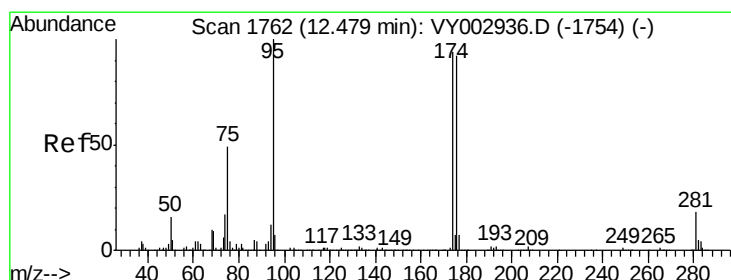
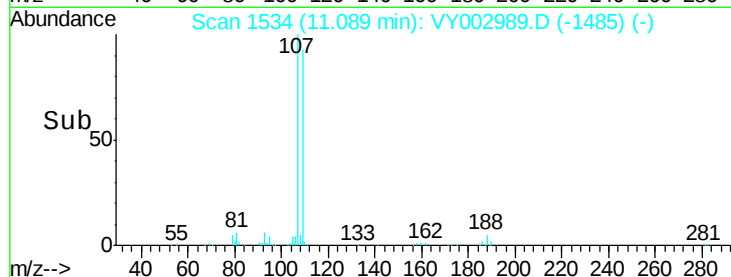
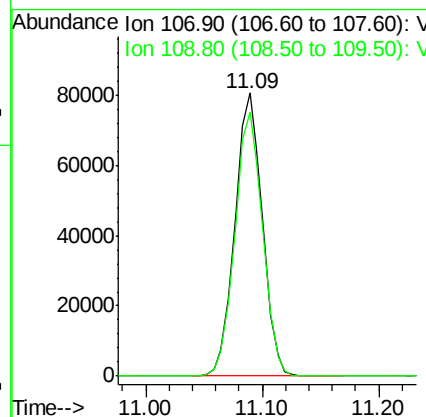
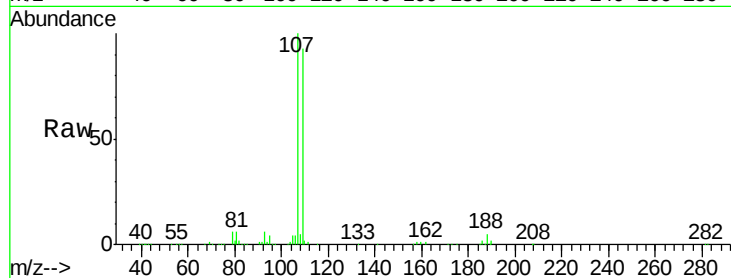
#61
 1,2-Dibromoethane
 Concen: 47.984 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.8	76.6	114.8

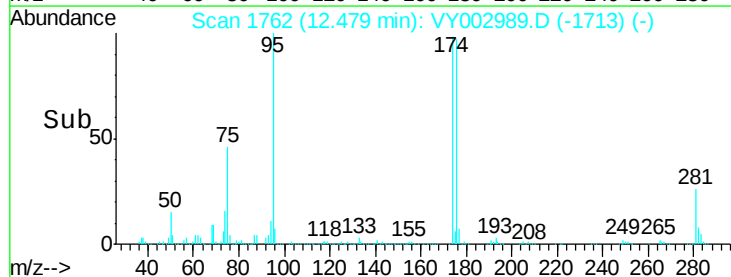
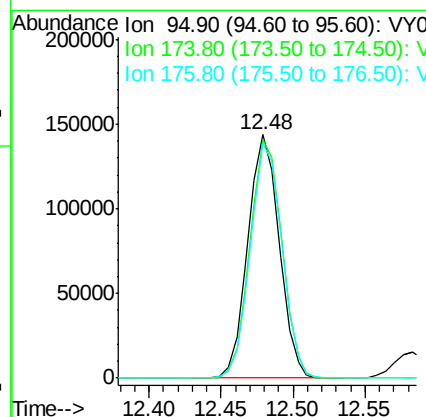
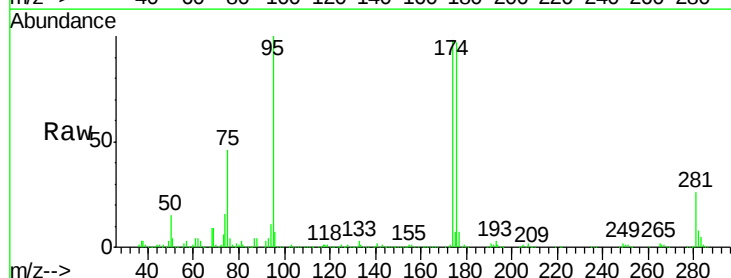
Manual Integrations
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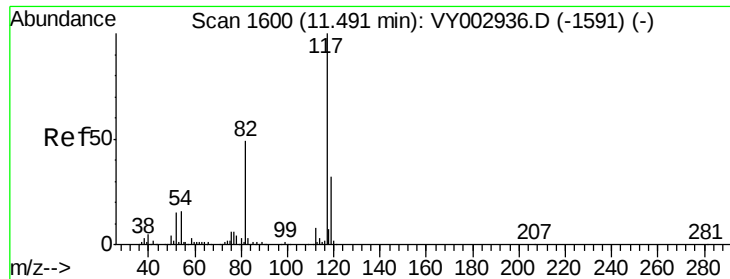
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#62
 4-Bromofluorobenzene
 Concen: 52.436 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	99.7	0.0	191.2
176	96.9	0.0	186.0





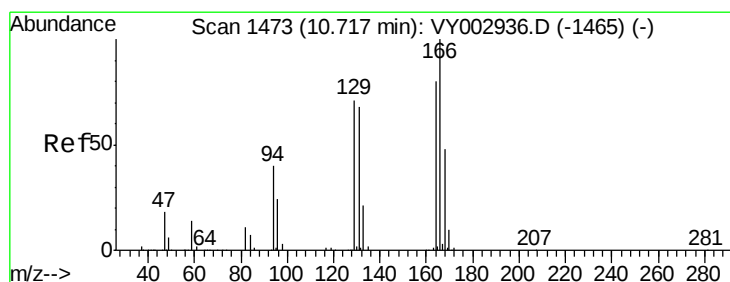
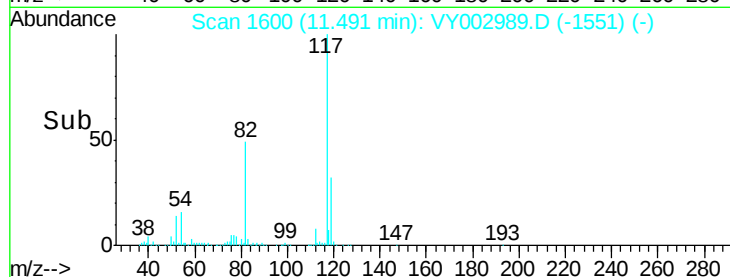
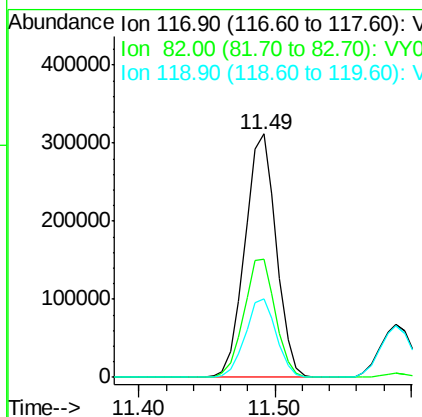
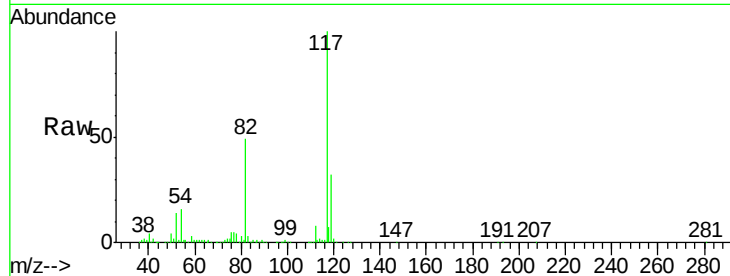
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	501866		
82	48.6		39.4	59.0
119	32.4		25.4	38.0

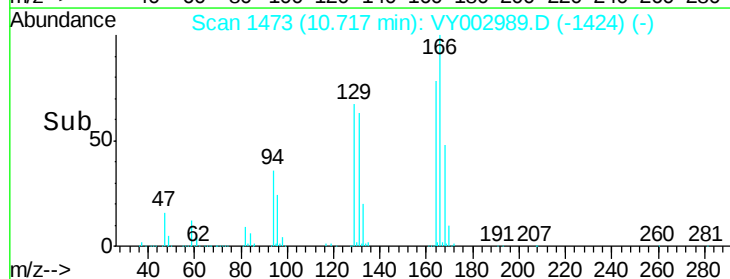
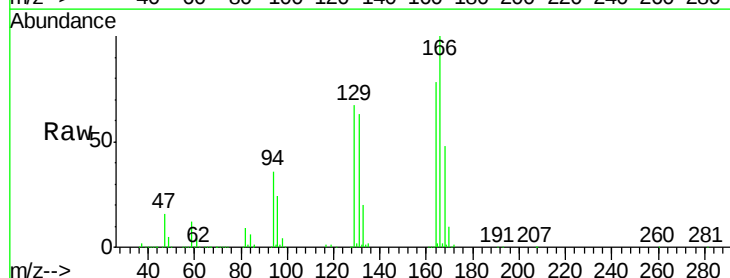
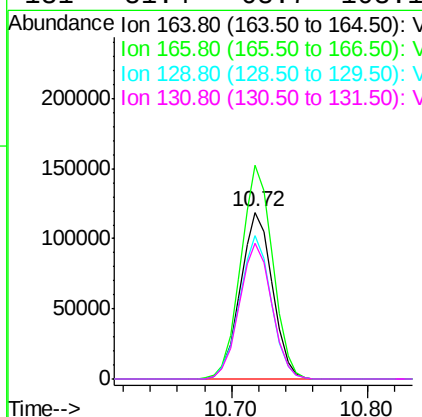
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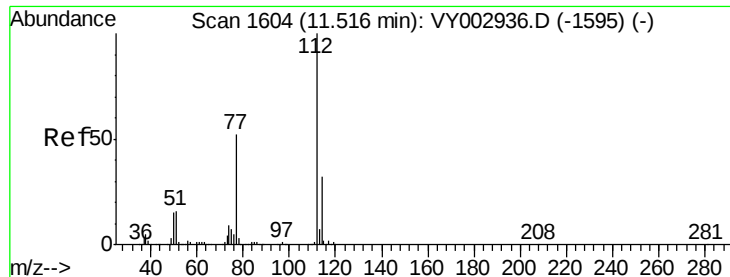
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#64
Tetrachloroethene
Concen: 46.670 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195176		
166	128.3		100.5	150.7
129	86.2		71.1	106.7
131	81.4		68.7	103.1





#65

Chlorobenzene

Concen: 46.597 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 442661

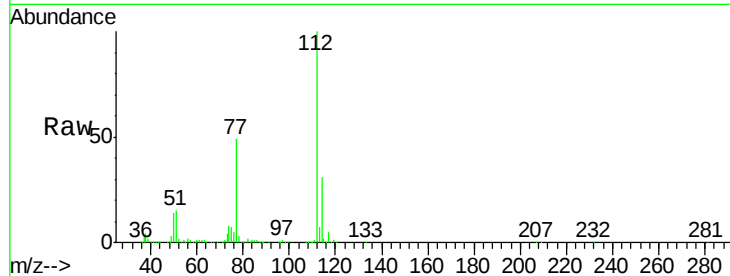
Ion Ratio Lower Upper

112 100

114 31.3 26.0 39.0

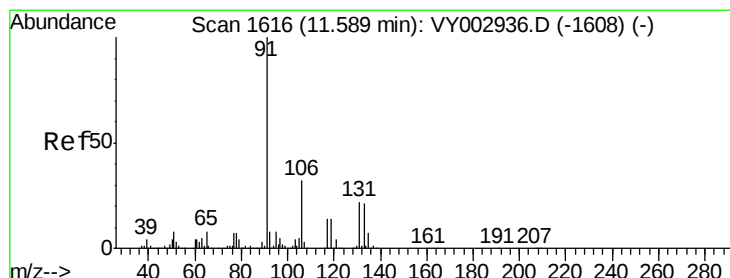
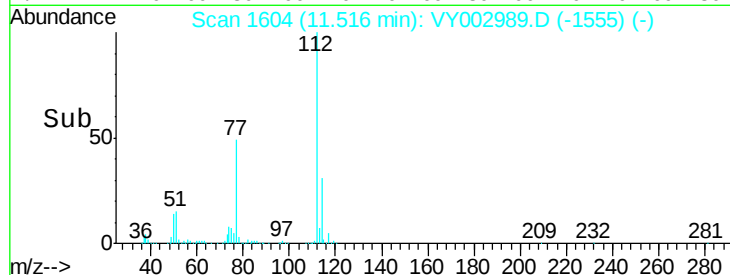
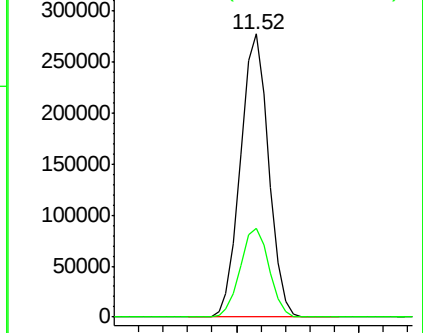
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.991 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

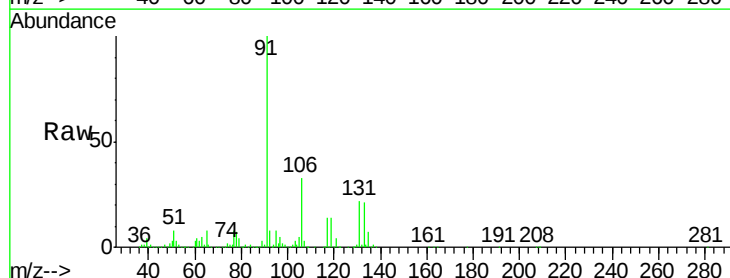
Tgt Ion:131 Resp: 172329

Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

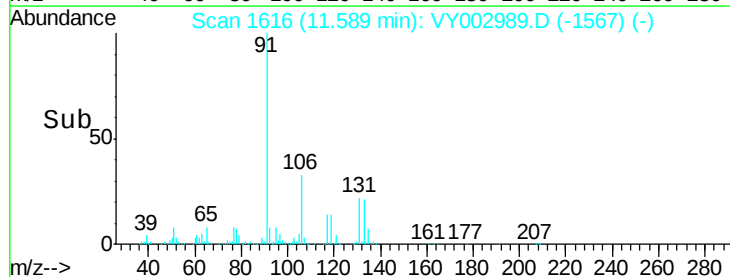
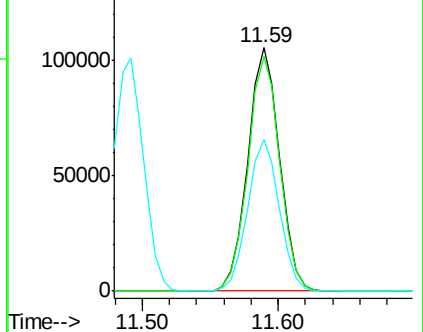
119 62.1 31.5 94.5

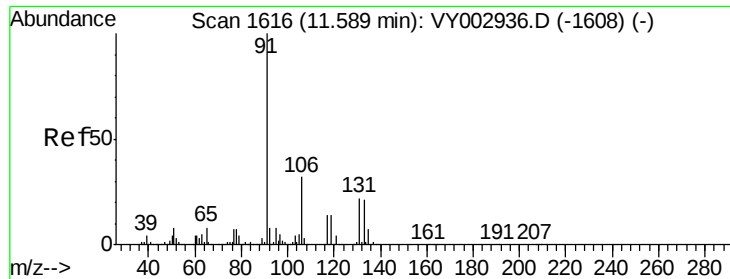


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





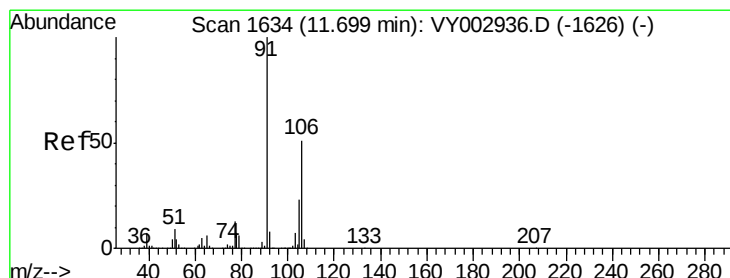
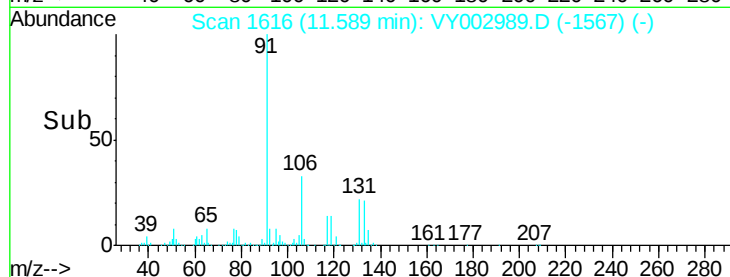
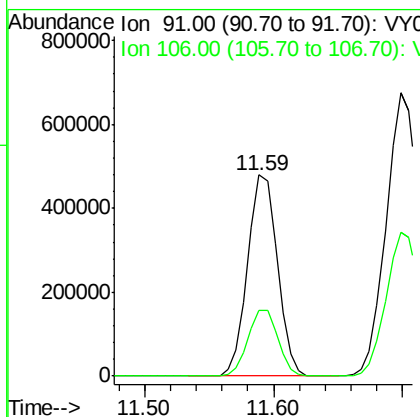
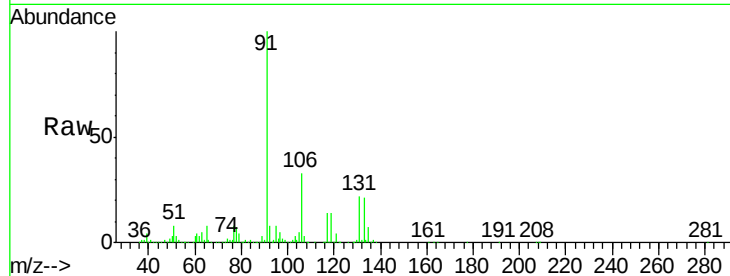
#67
Ethyl Benzene
Concen: 46.654 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 764488
Ion Ratio Lower Upper
91 100
106 32.8 25.8 38.8

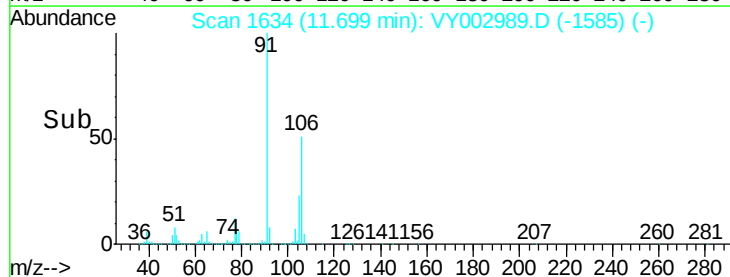
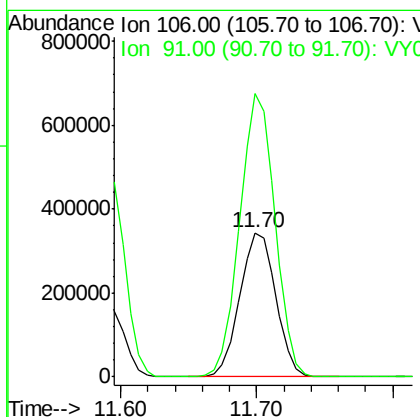
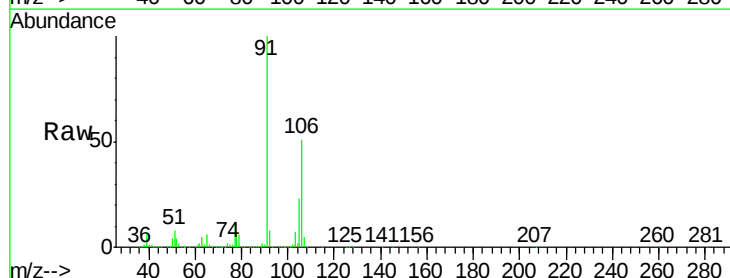
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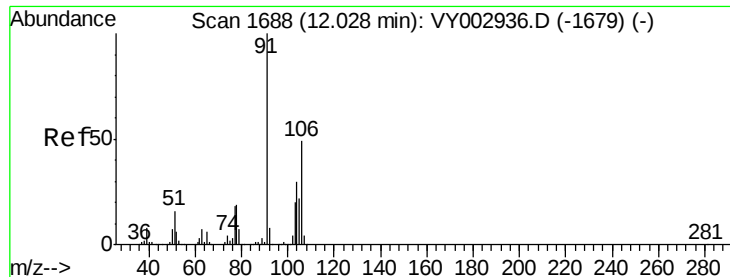
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#68
m/p-Xylenes
Concen: 99.529 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion: 106 Resp: 633755
Ion Ratio Lower Upper
106 100
91 192.6 155.9 233.9





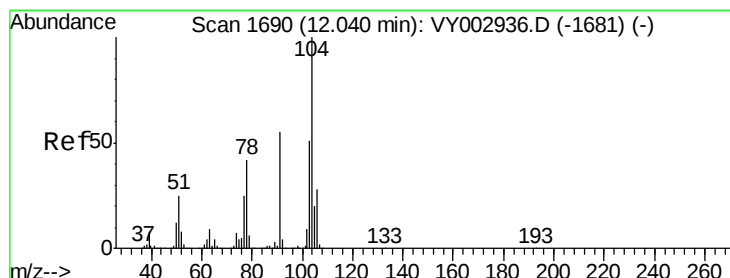
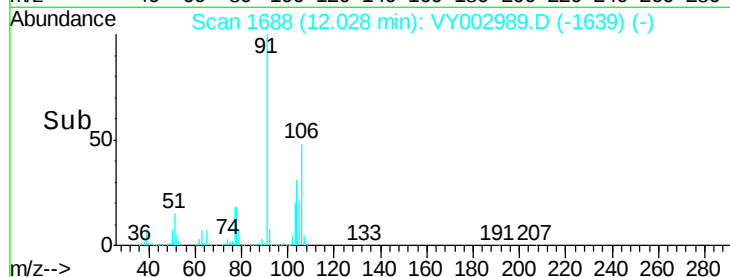
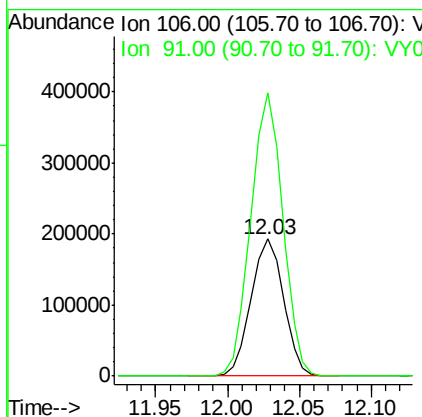
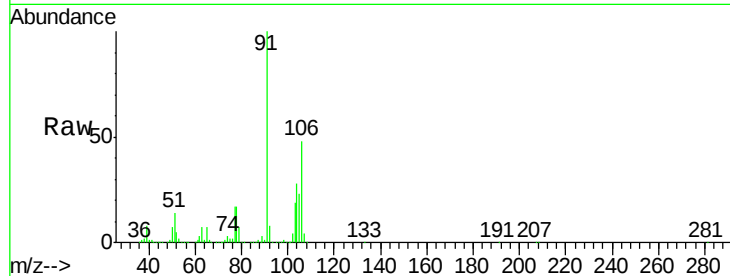
#69
o-Xylene
Concen: 50.241 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	203.1	102.1	306.1

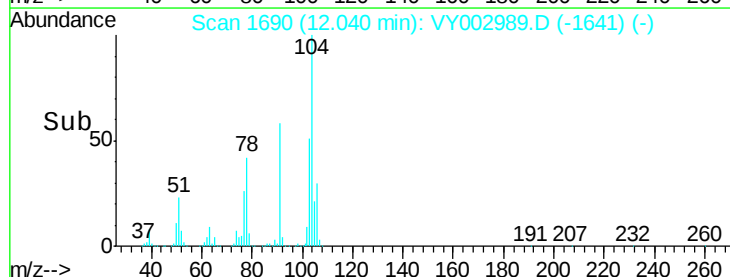
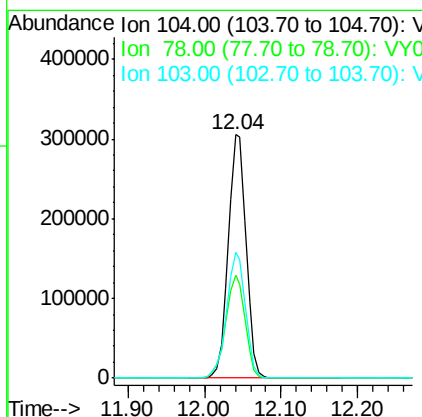
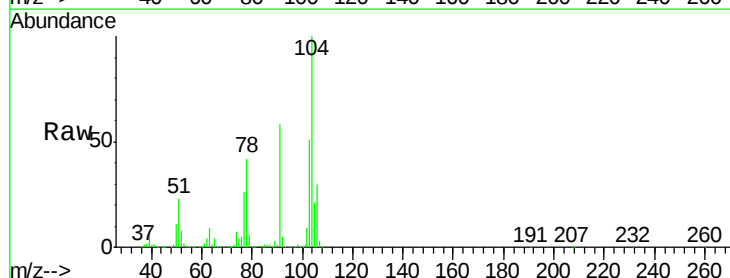
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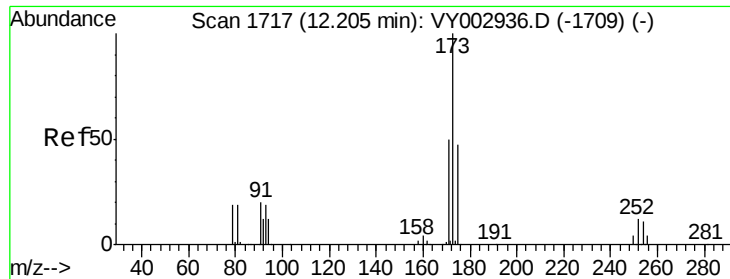
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#70
Styrene
Concen: 47.165 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.8	36.9	55.3
103	54.5	43.7	65.5





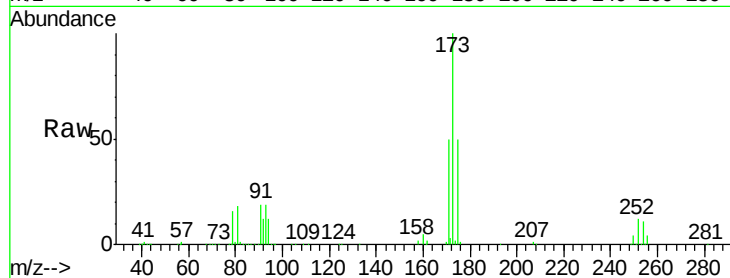
#71
Bromoform
Concen: 50.898 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.8
254	0.1	0.1	0.1

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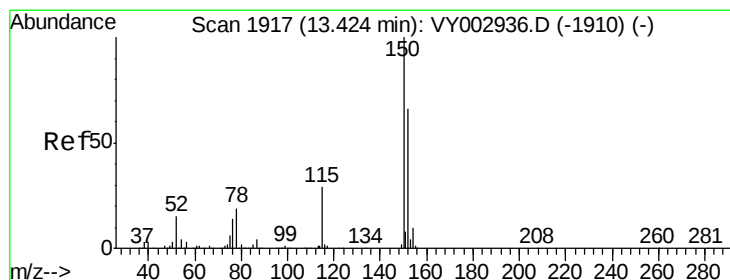
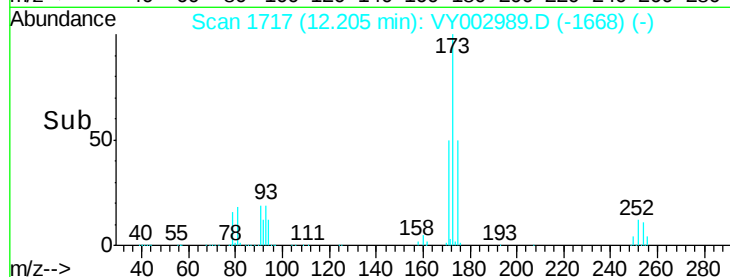
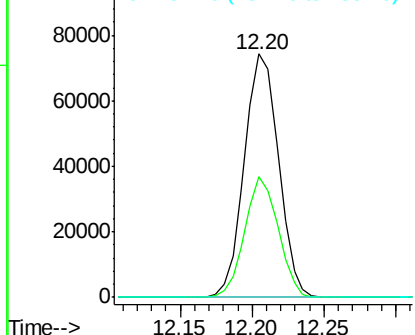


Abundance

Ion 172.70 (172.40 to 173.40): V

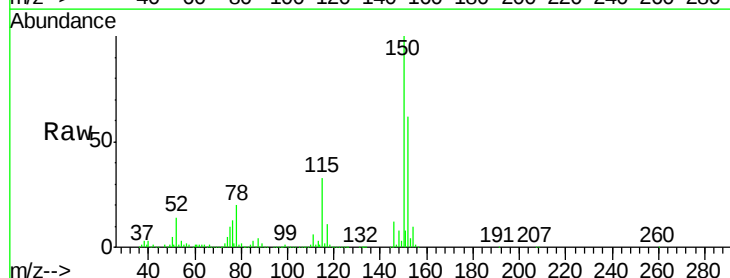
Ion 174.70 (174.40 to 175.40): V

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: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.9	80.6
150	171.7	0.0	341.8

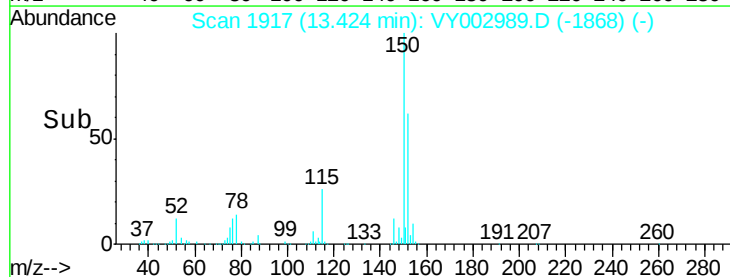
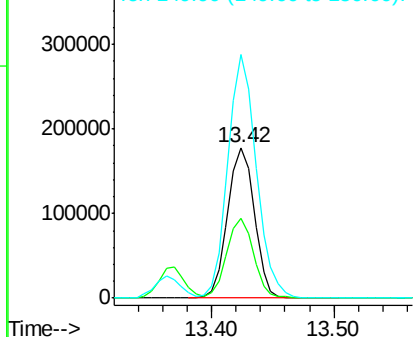


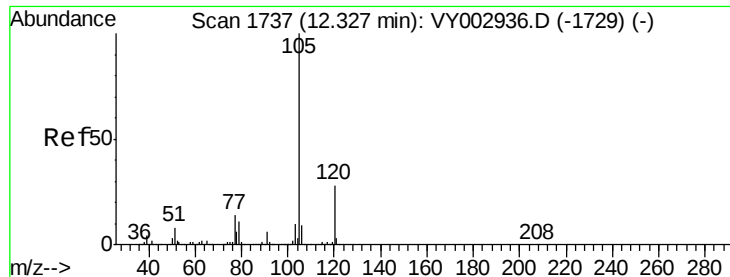
Abundance

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: 46.474 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 767570

Ion Ratio Lower Upper

105 100

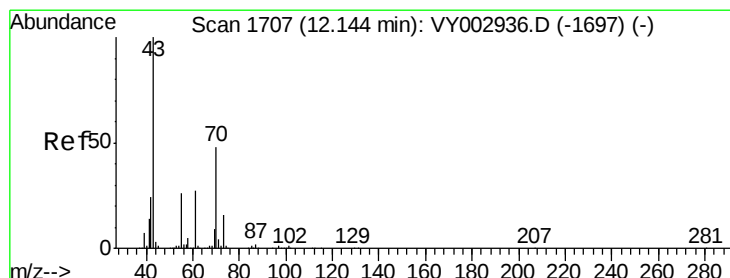
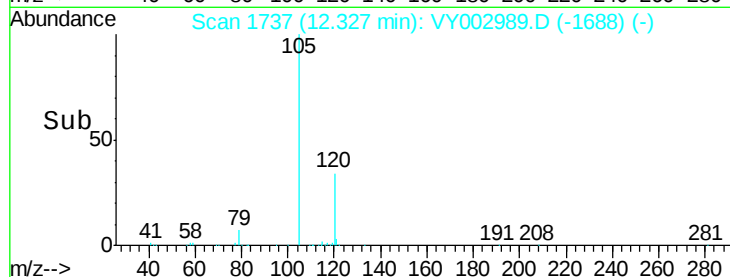
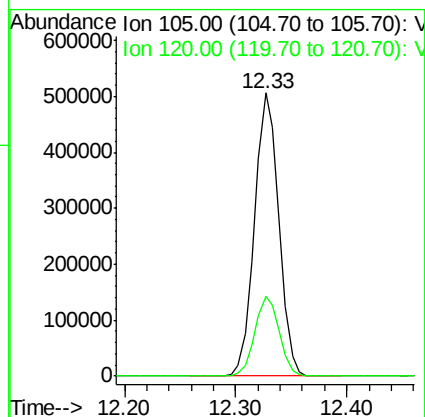
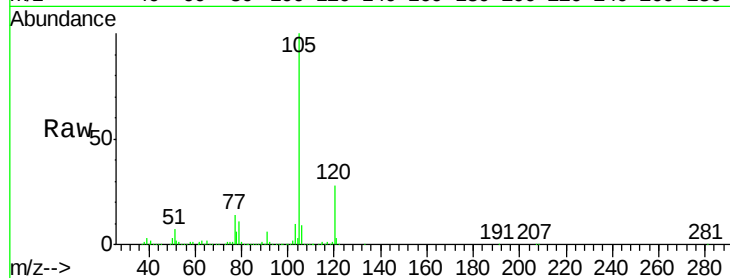
120 28.3 14.0 41.9

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#74

N-ethyl acetate

Concen: 44.588 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion: 43 Resp: 189653

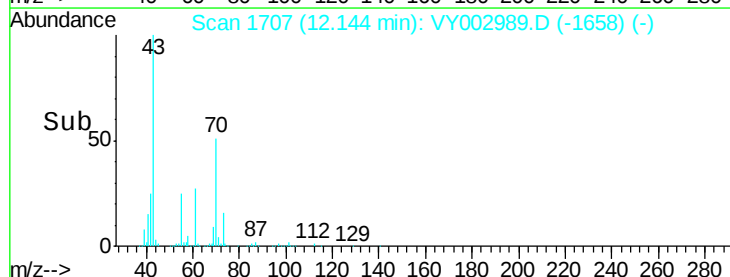
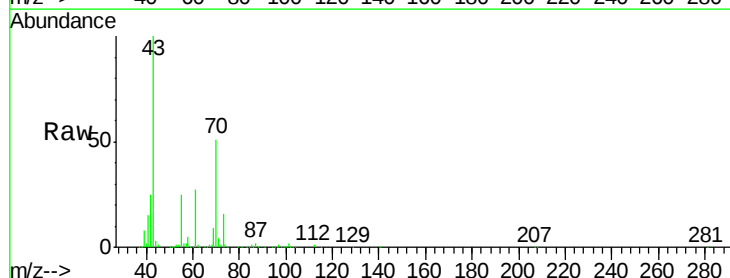
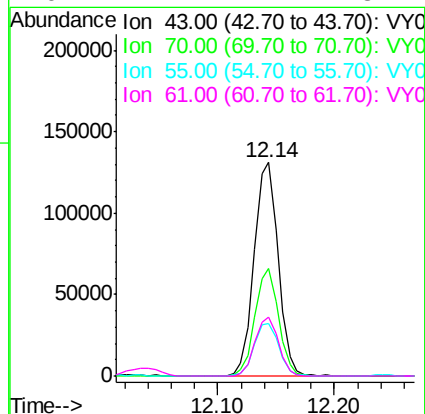
Ion Ratio Lower Upper

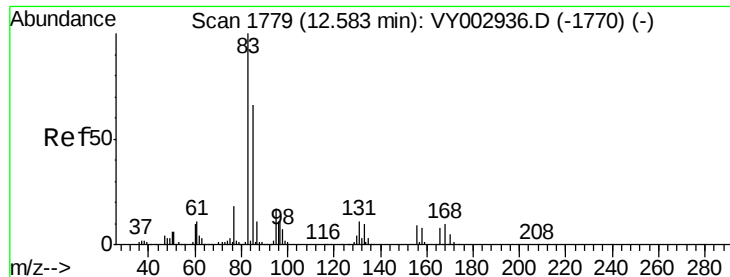
43 100

70 49.4 38.0 57.0

55 25.0 20.3 30.5

61 27.4 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 45.894 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

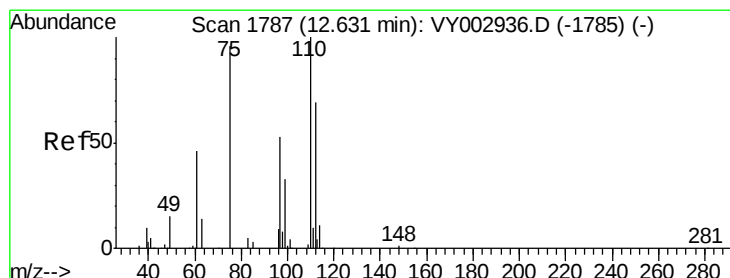
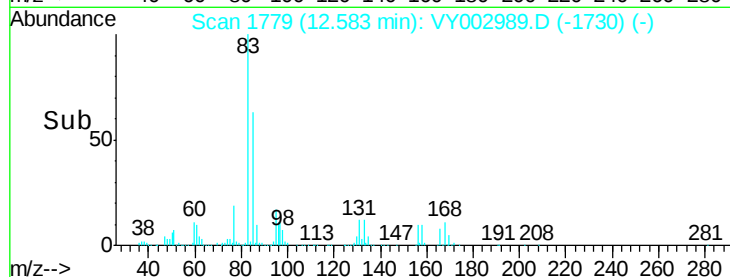
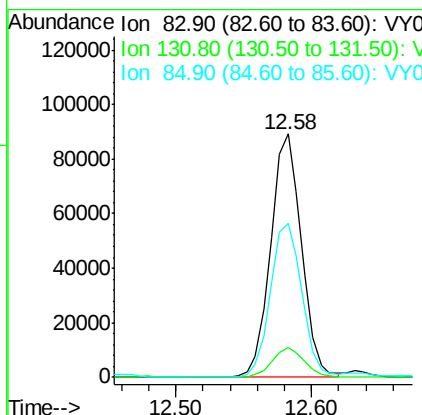
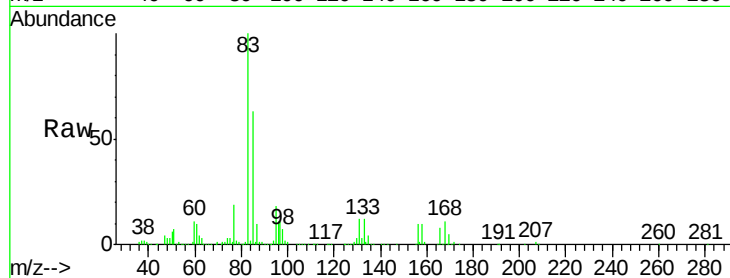
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	140536
Ion Ratio	Lower	Upper	
83	100		
131	12.7	5.9	17.7
85	64.8	32.8	98.3

Manual Integrations
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6/23/2020 8:13:37 PM



#76

1,2,3-Trichloropropane

Concen: 45.045 ug/l m

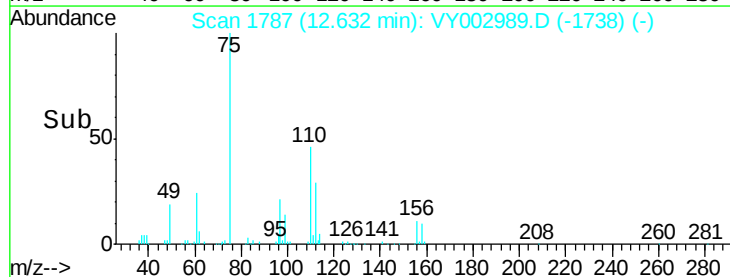
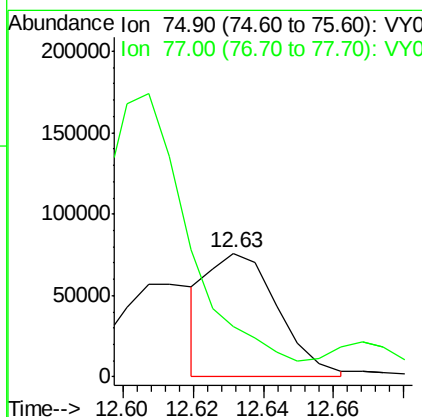
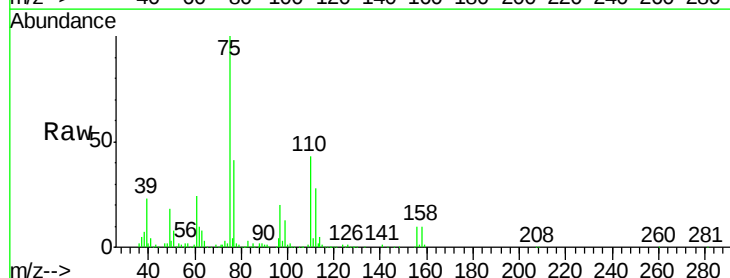
RT: 12.63 min Scan# 1787

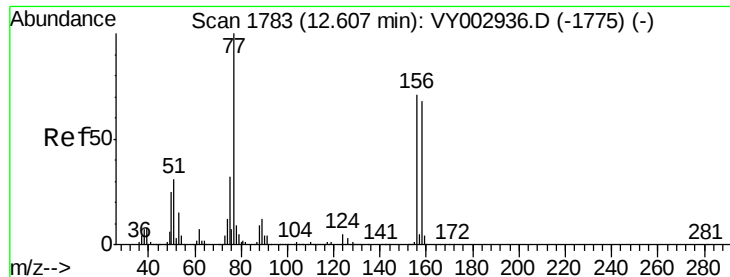
Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion:	75	Resp:	105719
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.837 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

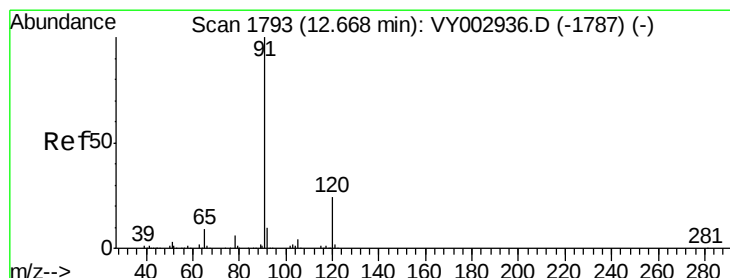
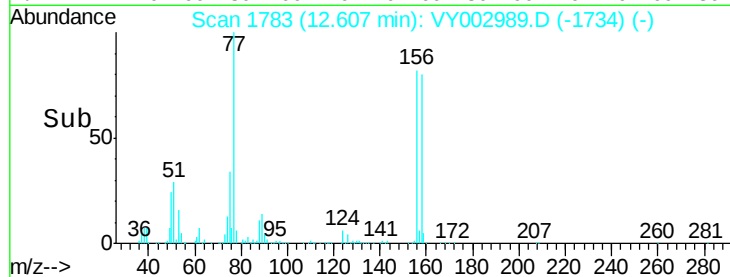
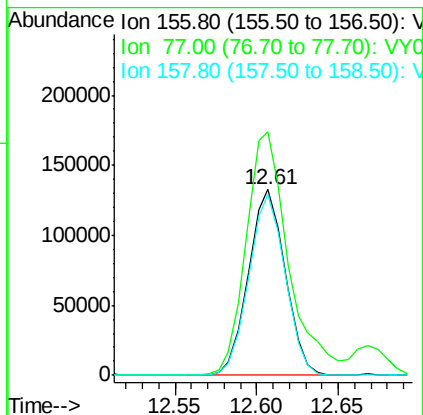
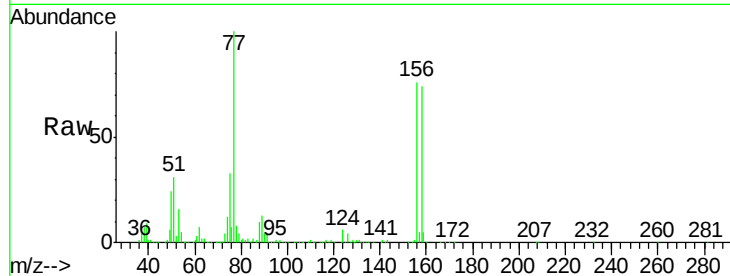
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	206858
Ion Ratio	Lower	Upper	
156	100		
77	152.3	80.5	241.5
158	97.0	48.2	144.6

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#78

n-propylbenzene

Concen: 45.614 ug/l

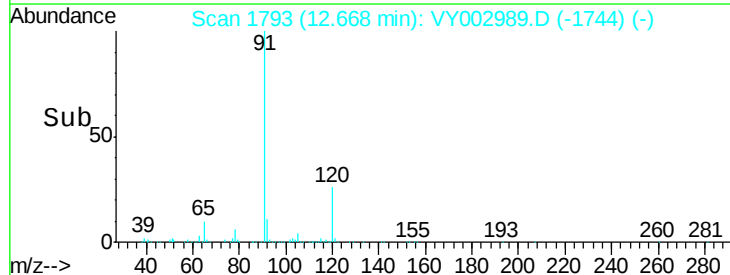
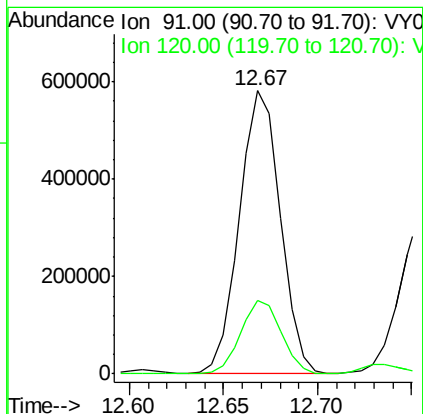
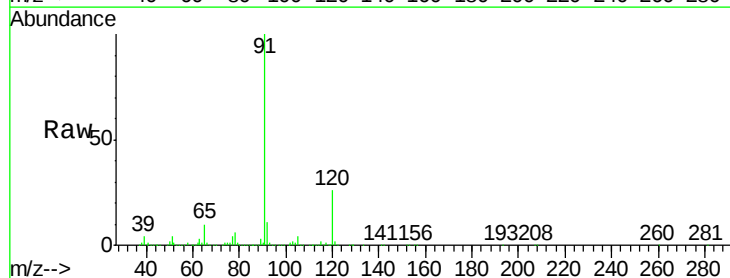
RT: 12.67 min Scan# 1793

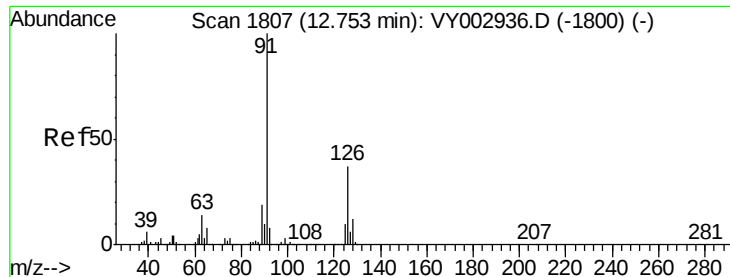
Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion:	91	Resp:	874036
Ion Ratio	Lower	Upper	
91	100		
120	25.9	12.3	36.9





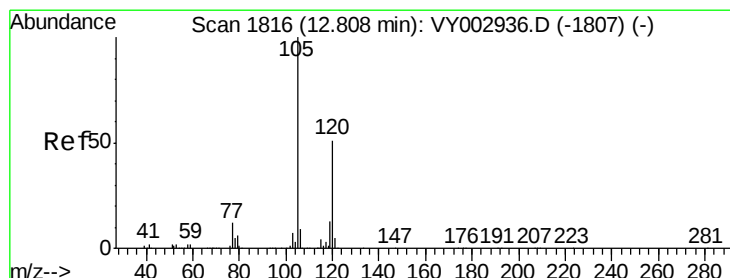
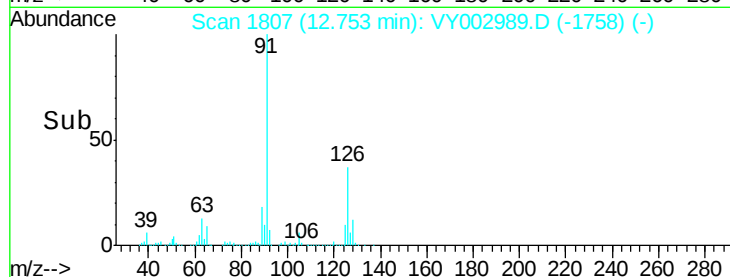
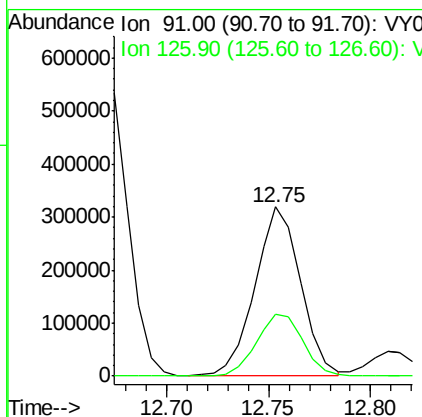
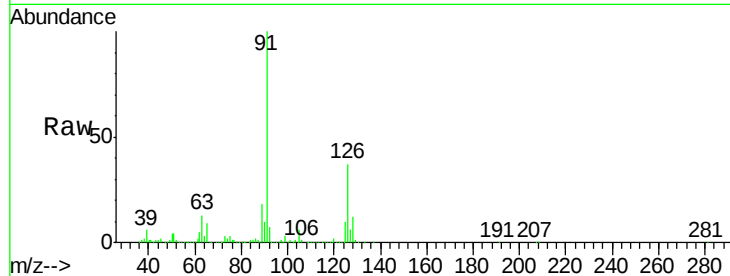
#79
 2-Chlorotoluene
 Concen: 46.038 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 494096
 Ion Ratio Lower Upper
 91 100
 126 37.6 18.5 55.5

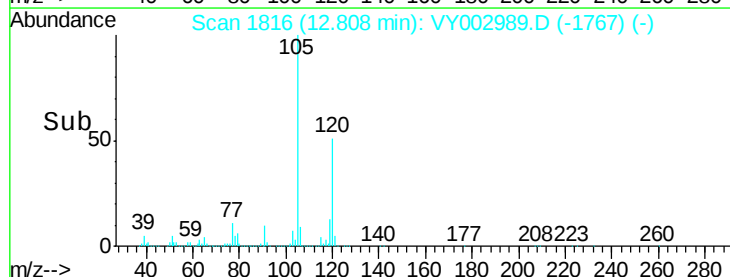
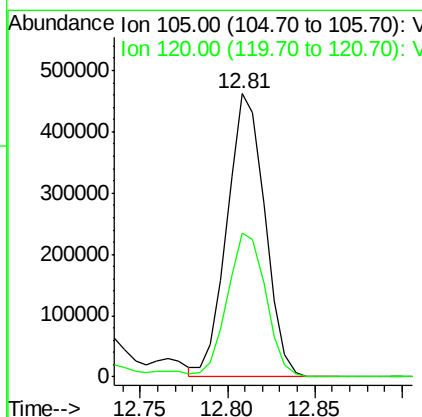
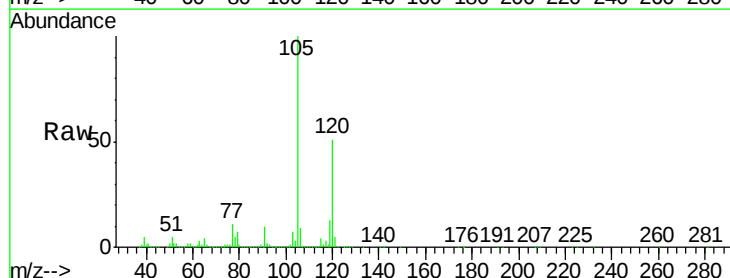
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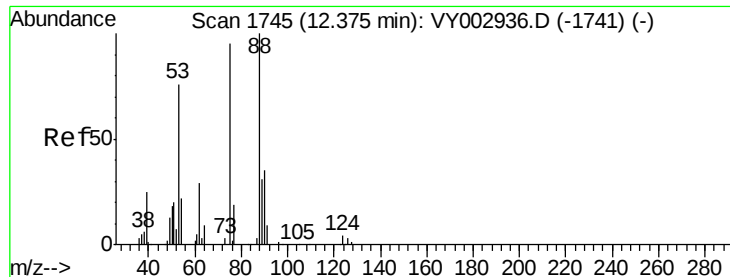
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.339 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion: 105 Resp: 693103
 Ion Ratio Lower Upper
 105 100
 120 51.7 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 46.035 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

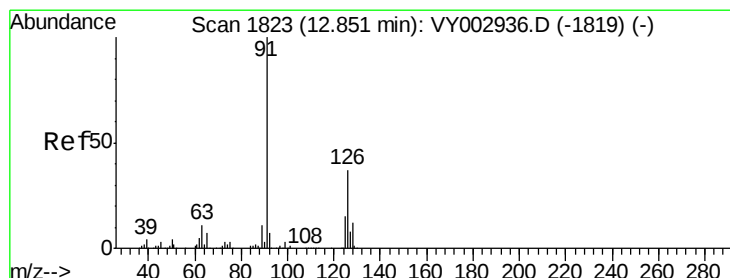
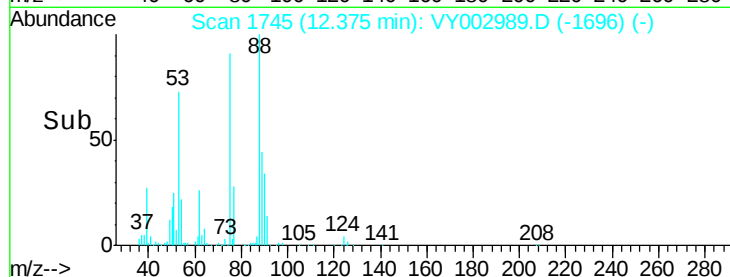
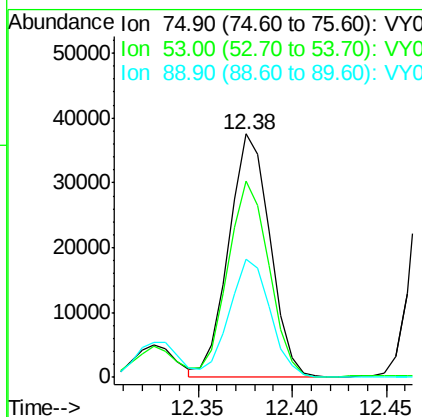
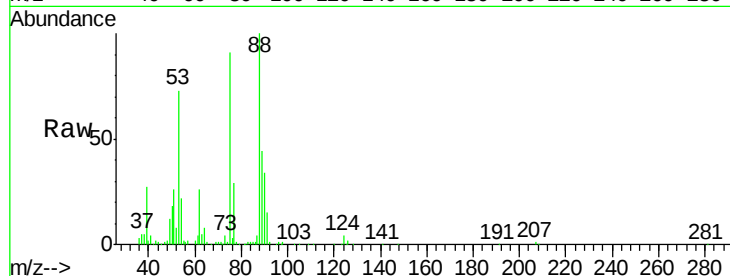
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	56590
Ion	Ratio	Lower	Upper
75	100		
53	81.1	65.1	97.7
89	48.4	38.4	57.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.559 ug/l

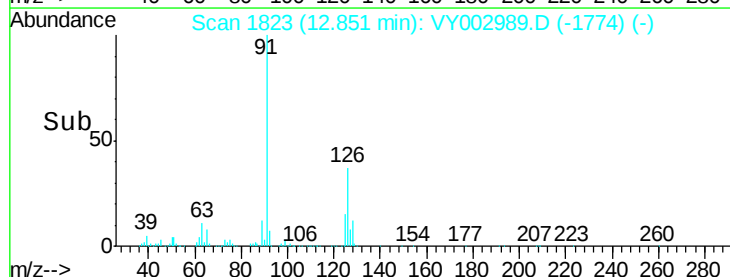
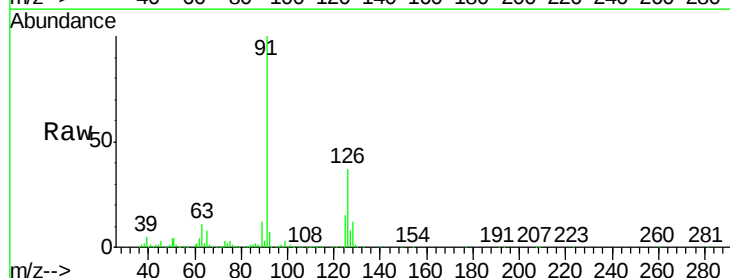
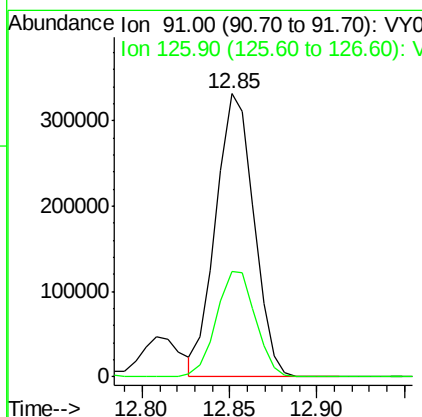
RT: 12.85 min Scan# 1823

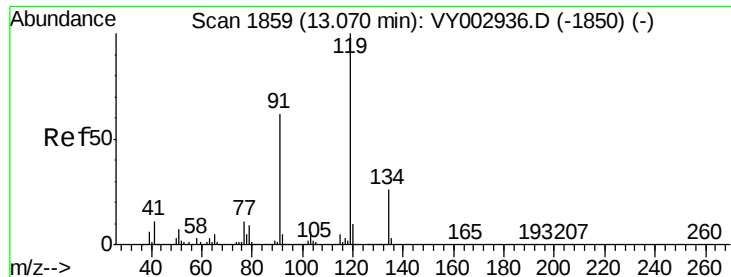
Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Tgt Ion:	91	Resp:	502931
Ion	Ratio	Lower	Upper
91	100		
126	38.2	18.6	55.8





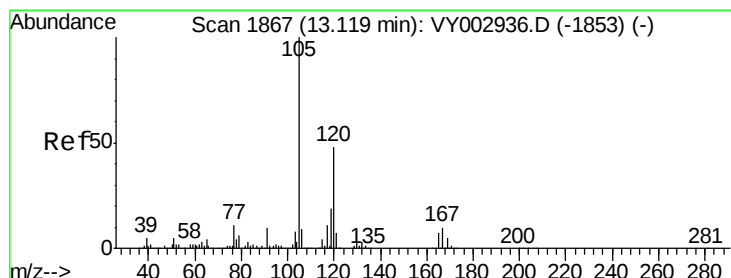
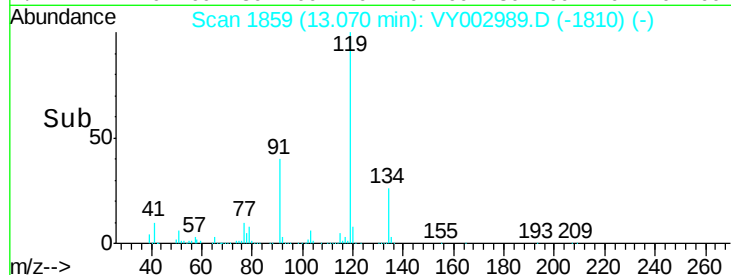
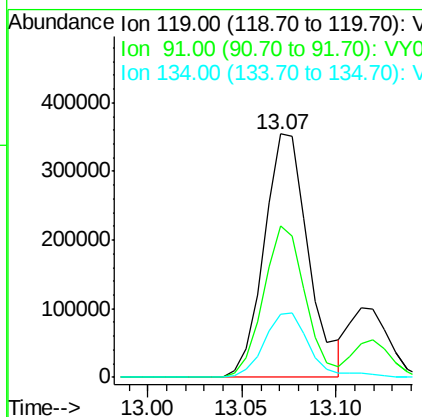
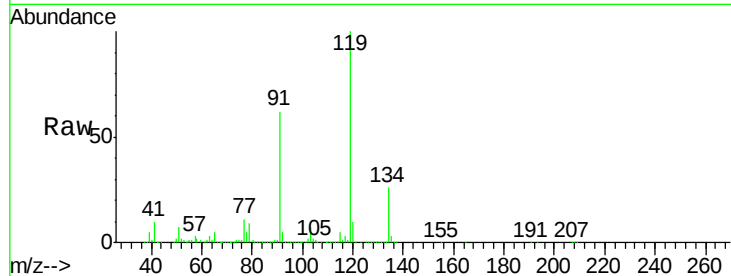
#83
tert-Butylbenzene
Concen: 46.850 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.9	89.7
134	27.3	13.3	39.8

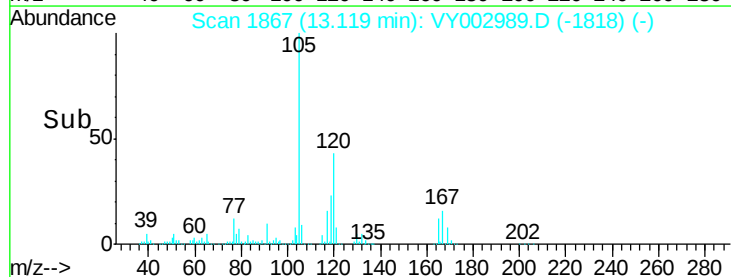
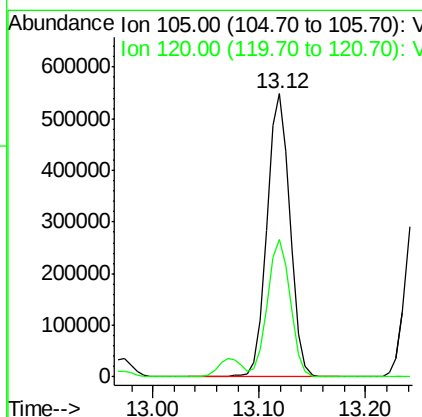
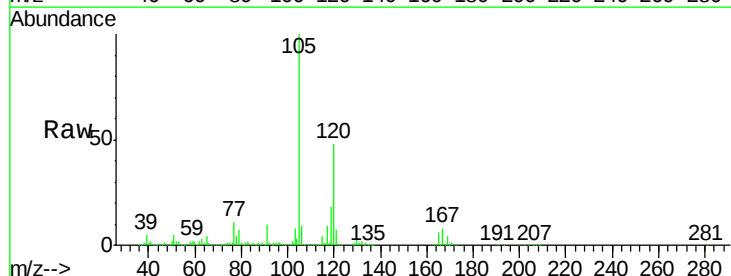
Manual Integrations
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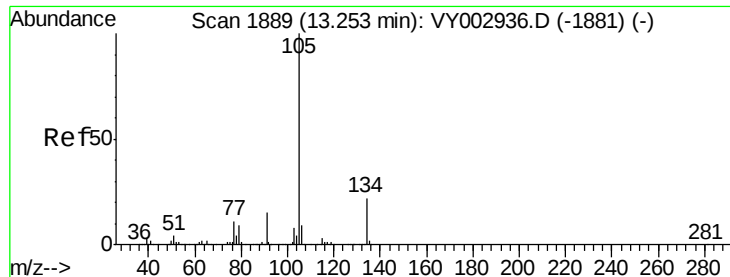
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#84
1,2,4-Trimethylbenzene
Concen: 59.781 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.5	70.5





#85

sec-Butylbenzene

Concen: 44.652 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 749118

Ion Ratio Lower Upper

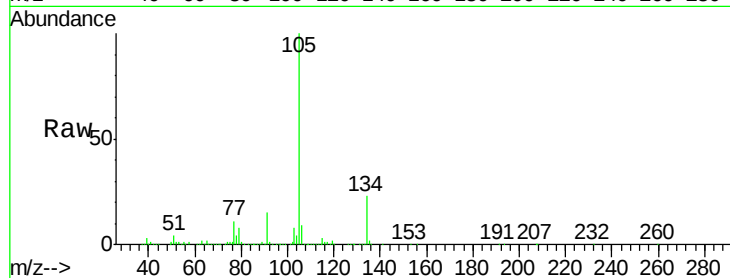
105 100

134 22.8 10.8 32.4

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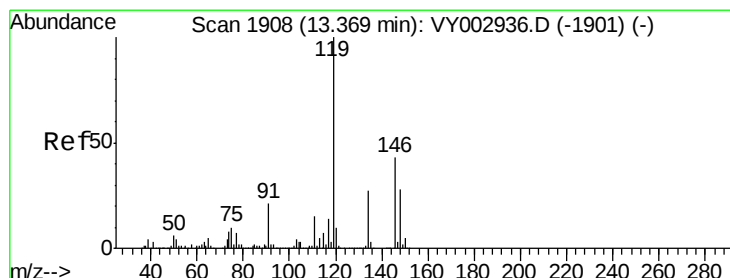
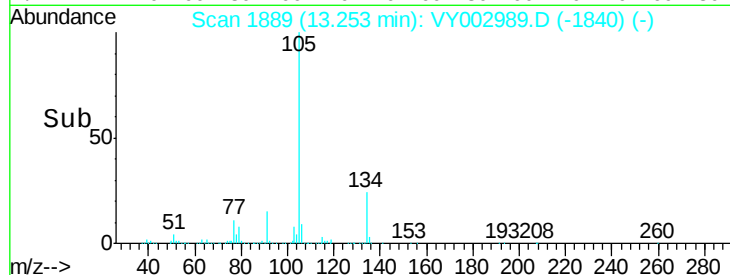
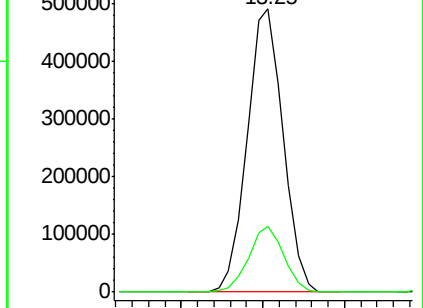
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 45.390 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002989.D

Acq: 22 Jun 2020 21:19

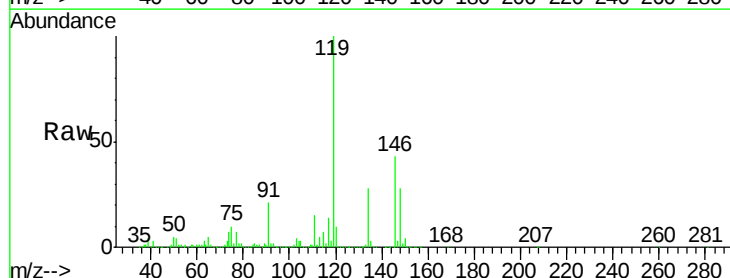
Tgt Ion:119 Resp: 714278

Ion Ratio Lower Upper

119 100

134 27.8 13.6 40.8

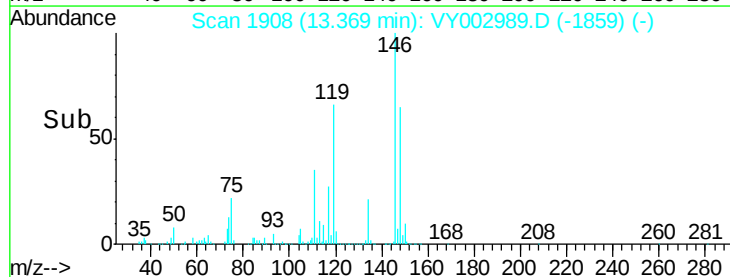
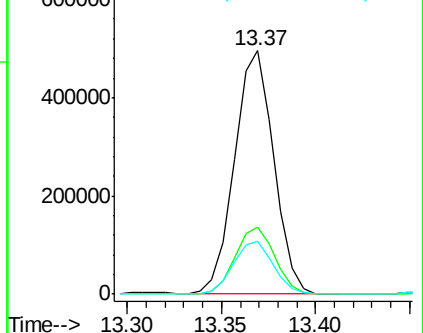
91 21.7 10.8 32.4

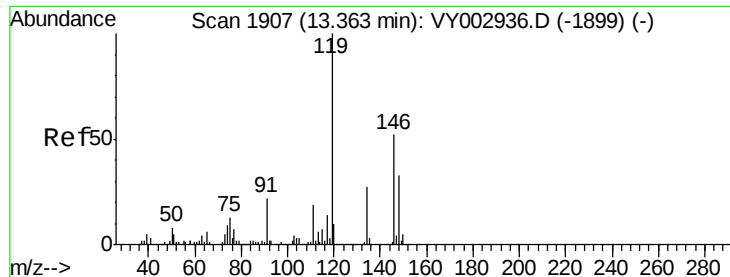


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





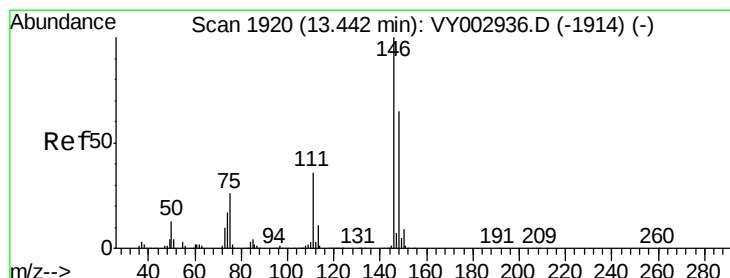
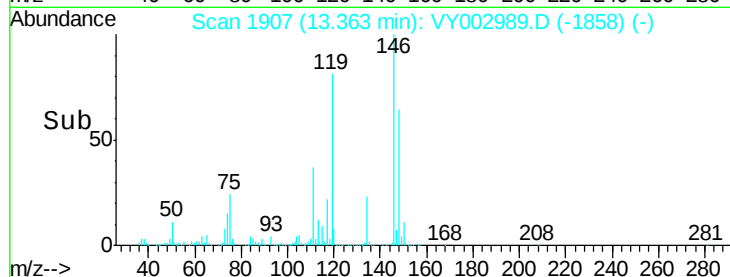
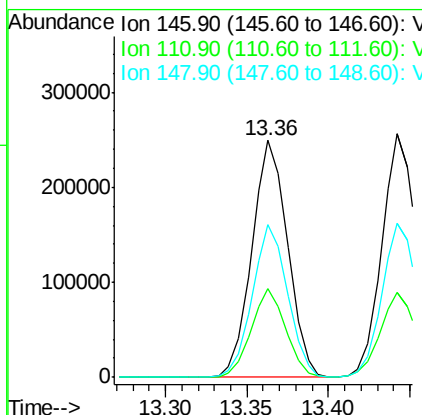
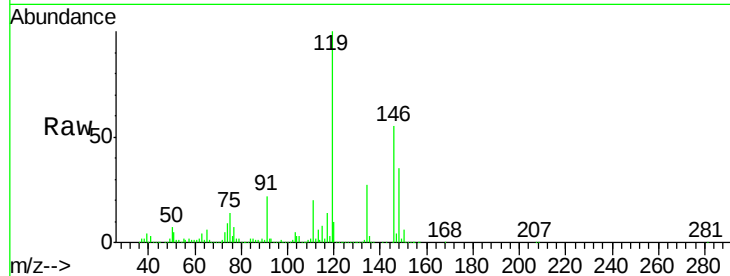
#87
 1,3-Dichlorobenzene
 Concen: 46.537 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.2	54.6
148	63.5	31.9	95.7

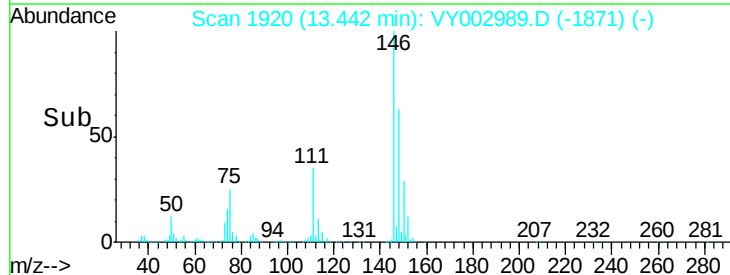
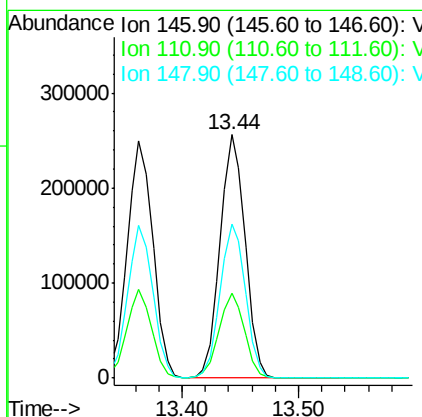
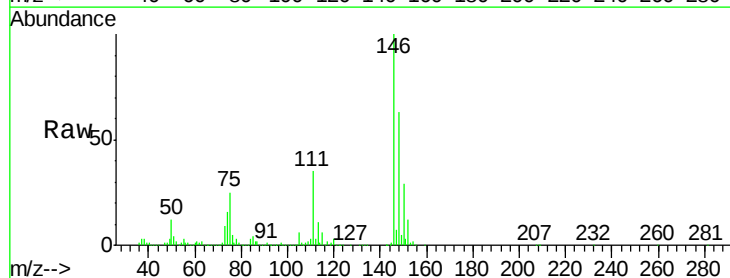
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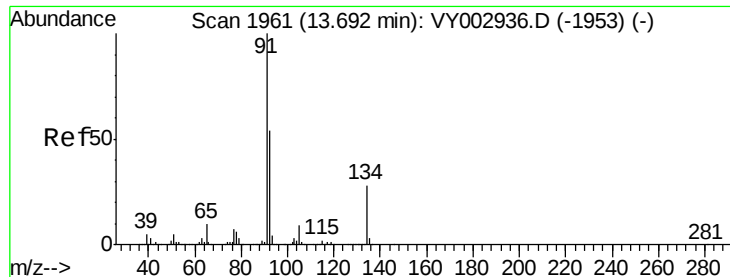
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#88
 1,4-Dichlorobenzene
 Concen: 46.667 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	17.9	53.8
148	63.9	32.1	96.5





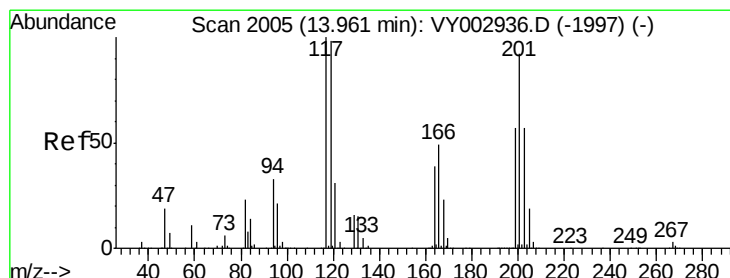
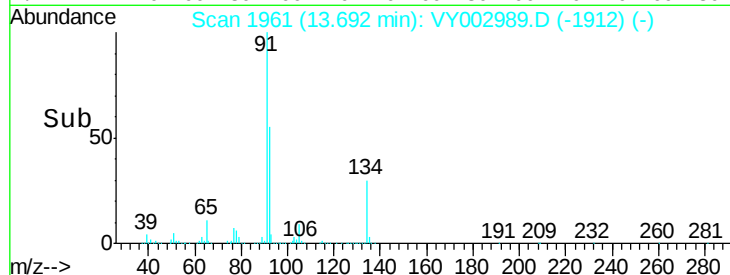
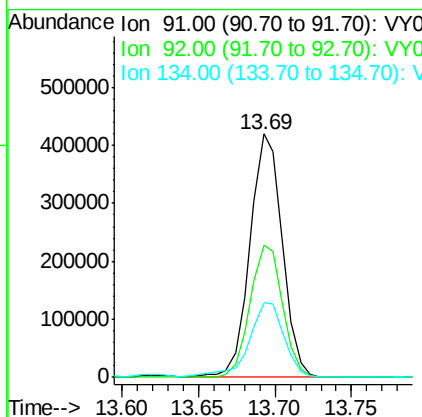
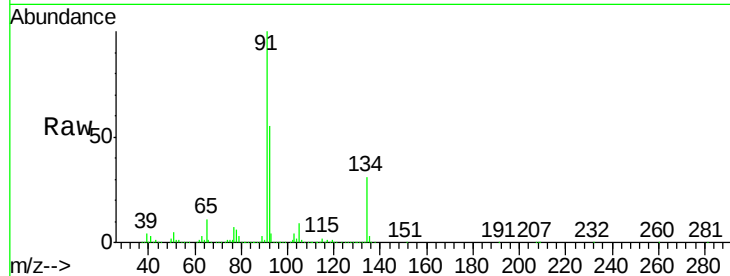
#89
n-Butylbenzene
Concen: 43.150 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.0	80.8
134	33.7	14.5	43.5

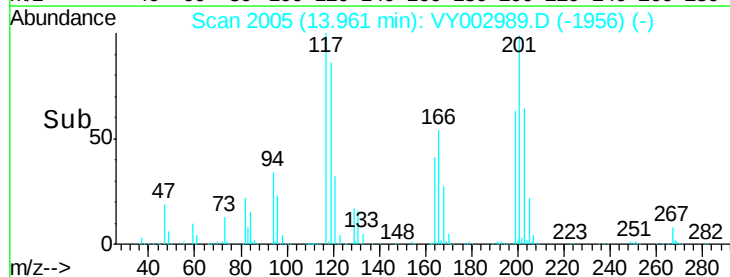
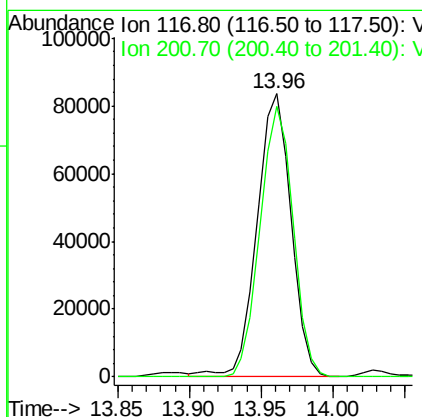
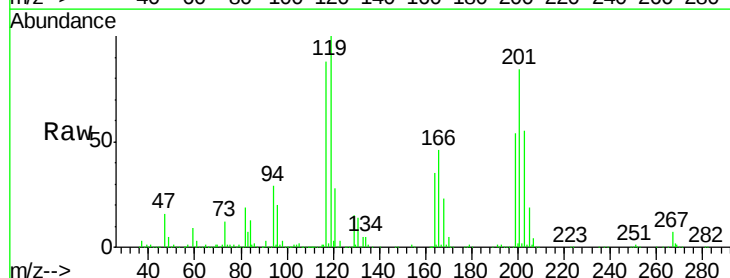
Manual Integrations
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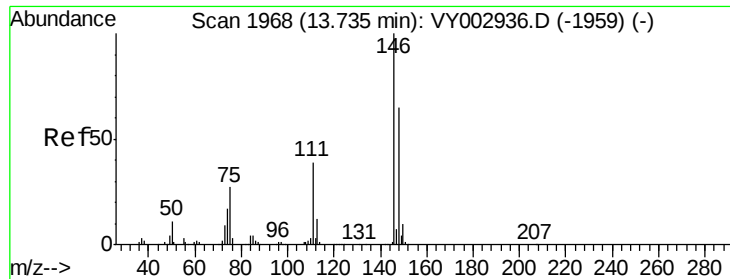
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#90
Hexachloroethane
Concen: 46.285 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.5	45.1	135.5





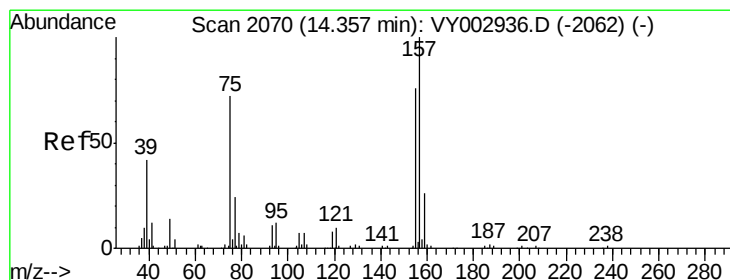
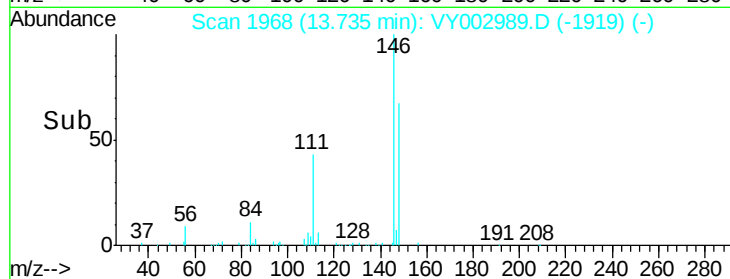
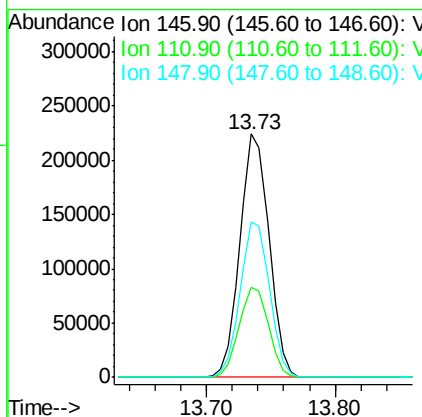
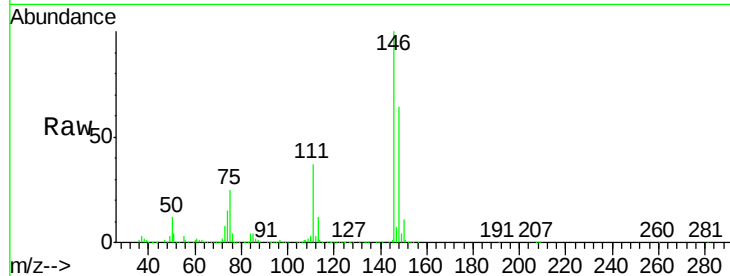
#91
 1,2-Dichlorobenzene
 Concen: 47.359 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	64.3	32.0	96.2

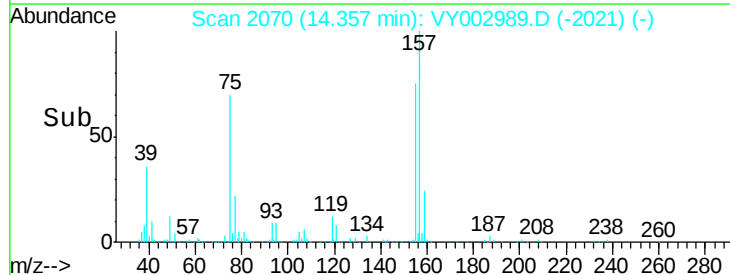
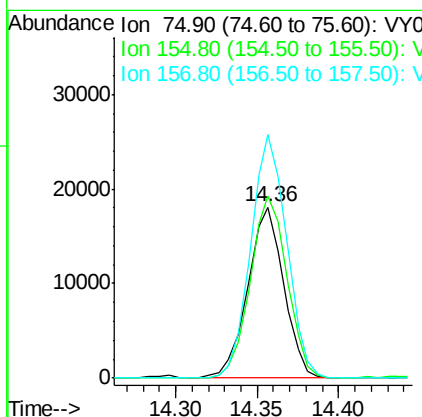
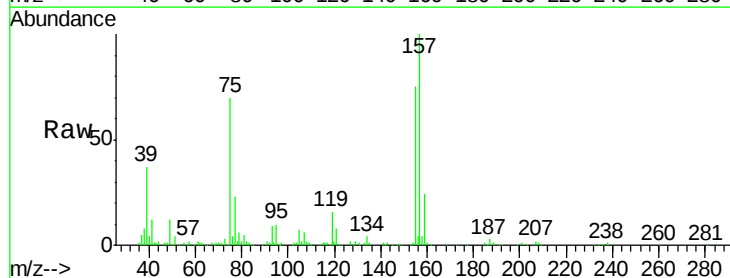
Manual Integrations
 APPROVED

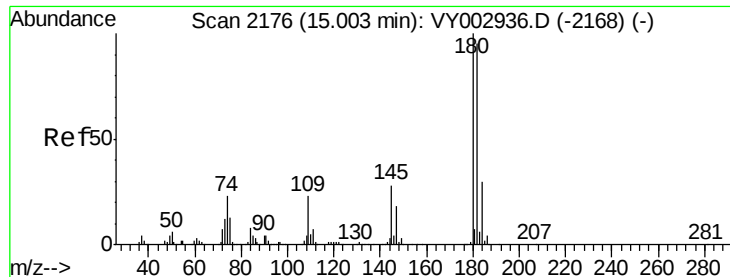
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.636 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.7	53.1	159.4
157	142.4	69.0	206.9





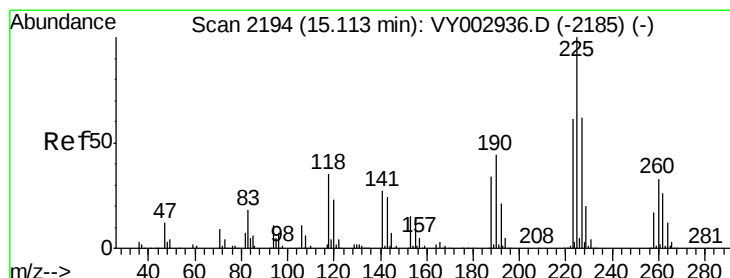
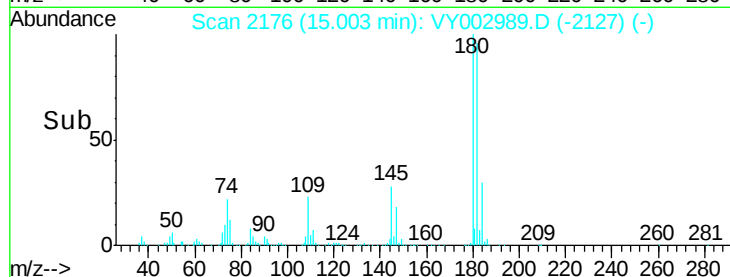
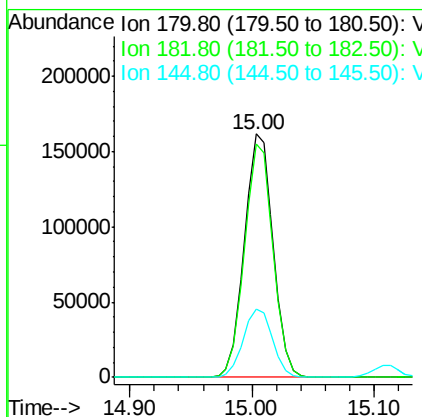
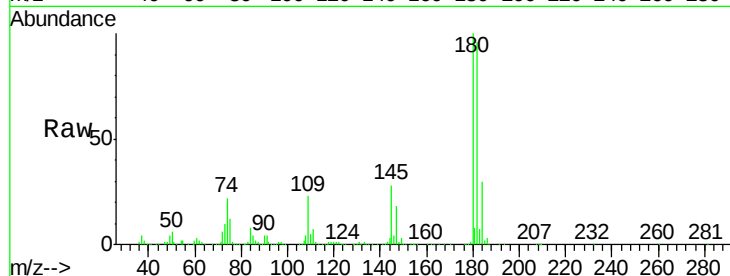
#93
 1,2,4-Trichlorobenzene
 Concen: 47.090 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	262139		
182	95.6	47.9	143.6	
145	28.7	14.1	42.3	

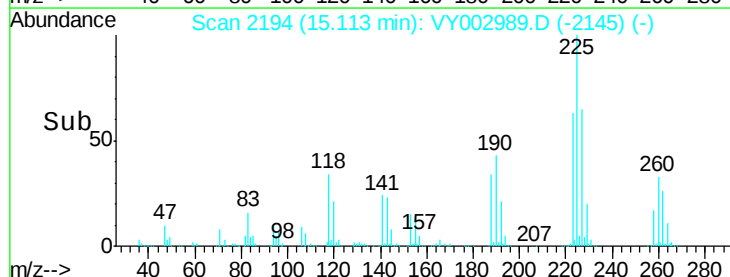
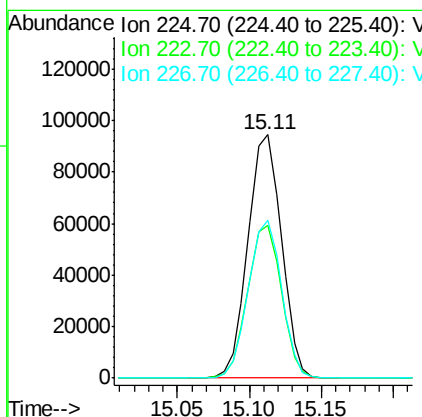
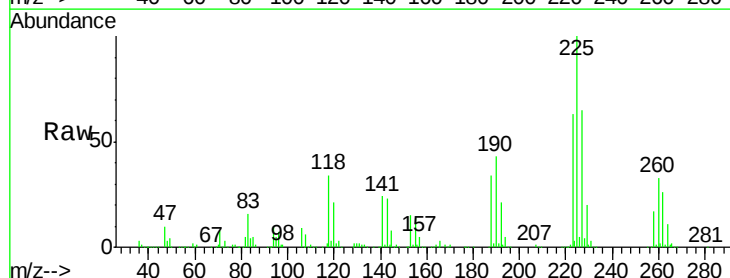
Manual Integrations
 APPROVED

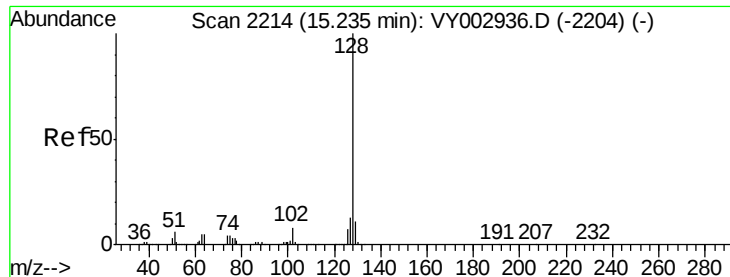
MMDadoda
 6/23/2020 8:13:37 PM



#94
 Hexachlorobutadiene
 Concen: 47.440 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002989.D
 Acq: 22 Jun 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	152216		
223	63.2	31.3	93.8	
227	64.4	31.9	95.7	





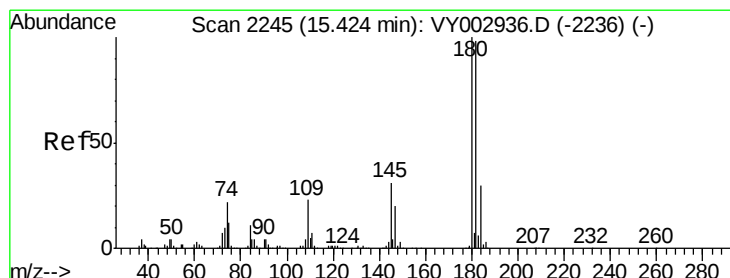
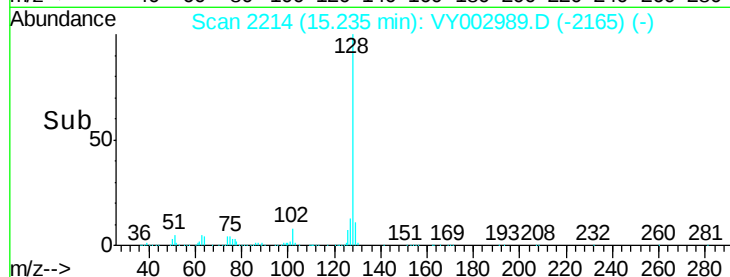
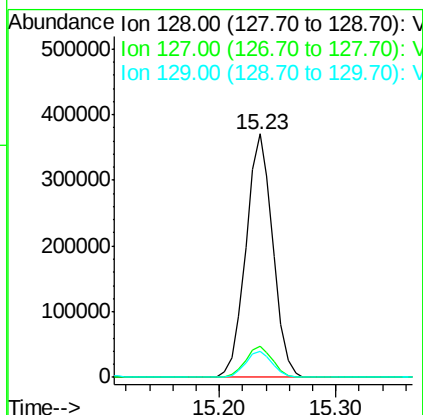
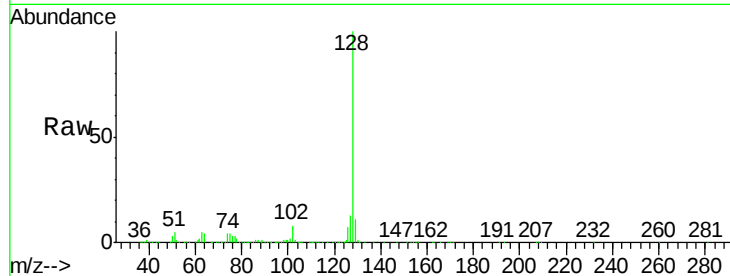
#95
Naphthalene
Concen: 53.539 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:	128	Resp:	594011
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/23/2020 8:13:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.118 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002989.D
Acq: 22 Jun 2020 21:19

Tgt Ion:	180	Resp:	238987
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.8	143.3
145	30.4	15.0	45.0

