

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
 Data File : VY003278.D
 Acq On : 22 Jul 2020 10:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 12:22:51 PM

Quant Time: Jul 23 05:49:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	450121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	646602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	601693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	318095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	186885	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	7.72	113	184585	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	10.18	98	675571	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.48	95	238938	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	136296	42.247	ug/l	99
3) Chloromethane	2.12	50	201629	45.057	ug/l	100
4) Vinyl Chloride	2.26	62	215748	46.990	ug/l	99
5) Bromomethane	2.65	94	163303	47.885	ug/l	97
6) Chloroethane	2.80	64	140041	46.438	ug/l	97
7) Trichlorofluoromethane	3.13	101	314996	48.040	ug/l	99
8) Diethyl Ether	3.53	74	107398	48.880	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.91	101	191187	48.279	ug/l	98
10) Methyl Iodide	4.10	142	199938	46.472	ug/l	99
11) Tert butyl alcohol	4.96	59	90793	221.009	ug/l	99
12) 1,1-Dichloroethene	3.88	96	180621	48.222	ug/l	99
13) Acrolein	3.74	56	73332	205.658	ug/l	99
14) Allyl chloride	4.49	41	303375	54.585	ug/l	95
15) Acrylonitrile	5.18	53	270243	256.047	ug/l	99
16) Acetone	3.95	43	225436	265.649	ug/l	97
17) Carbon Disulfide	4.20	76	552502	48.070	ug/l	98
18) Methyl Acetate	4.49	43	126249	53.570	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	520509	49.588	ug/l	99
20) Methylene Chloride	4.72	84	218560	51.335	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	207653	49.015	ug/l	96
22) Diisopropyl ether	6.13	45	665939	53.988	ug/l	96
23) Vinyl Acetate	6.07	43	2138730	260.137	ug/l	99
24) 1,1-Dichloroethane	6.02	63	377051	52.762	ug/l	98
25) 2-Butanone	6.99	43	356783	256.059	ug/l	97
26) 2,2-Dichloropropane	6.99	77	330749	51.393	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	234638	50.303	ug/l	98
28) Bromochloromethane	7.34	49	169787	54.877	ug/l	95
29) Tetrahydrofuran	7.35	42	234975	251.032	ug/l	96
30) Chloroform	7.52	83	373489	50.745	ug/l	99
31) Cyclohexane	7.79	56	335128	48.497	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	333933	50.397	ug/l	99
36) 1,1-Dichloropropene	7.93	75	296182	50.540	ug/l	99
37) Ethyl Acetate	7.08	43	158790	50.314	ug/l	97
38) Carbon Tetrachloride	7.91	117	307150	50.769	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	363721	49.406	ug/l	97
40) Benzene	8.16	78	829875	51.429	ug/l	98
41) Methacrylonitrile	7.32	41	86834m	45.684	ug/l	
42) 1,2-Dichloroethane	8.24	62	245687	49.456	ug/l	100
43) Isopropyl Acetate	8.28	43	307014	50.258	ug/l	98
44) Trichloroethene	8.94	130	237795	48.072	ug/l	94
45) 1,2-Dichloropropane	9.22	63	218171	52.252	ug/l	99
46) Dibromomethane	9.31	93	119929	49.178	ug/l	99
47) Bromodichloromethane	9.50	83	296713	51.157	ug/l	100
48) Methyl methacrylate	9.30	41	141440	51.791	ug/l	95
49) 1,4-Dioxane	9.30	88	31276	1010.507	ug/l	97
51) 4-Methyl-2-Pentanone	10.07	43	798613	251.518	ug/l	98
52) Toluene	10.24	92	523708	50.777	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	311089	51.768	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	354435	51.190	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	167883	48.582	ug/l	98
56) Ethyl methacrylate	10.51	69	235223	50.067	ug/l	97
57) 1,3-Dichloropropane	10.79	76	297076	50.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	623890	260.382	ug/l	98
59) 2-Hexanone	10.83	43	563719	254.328	ug/l	97
60) Dibromochloromethane	10.99	129	216123	49.724	ug/l	98
61) 1,2-Dibromoethane	11.09	107	162883	47.757	ug/l	99
64) Tetrachloroethene	10.72	164	241019	44.925	ug/l	99
65) Chlorobenzene	11.52	112	576164	49.707	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.59	131	224967	49.971	ug/l	100
67) Ethyl Benzene	11.59	91	1041553	50.326	ug/l	100
68) m/p-Xylenes	11.70	106	791882	100.842	ug/l	100
69) o-Xylene	12.03	106	370537	50.508	ug/l	98
70) Styrene	12.04	104	642189	51.172	ug/l	99
71) Bromoform	12.20	173	144068	48.757	ug/l #	99
73) Isopropylbenzene	12.33	105	1014715	50.057	ug/l	99
74) N-amyl acetate	12.14	43	287937	50.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	192808	49.247	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	138234m	49.094	ug/l	
77) Bromobenzene	12.61	156	255299	49.408	ug/l	99
78) n-propylbenzene	12.67	91	1219494	51.036	ug/l	100
79) 2-Chlorotoluene	12.75	91	670901	50.324	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	856652	50.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	71400	49.351	ug/l	93
82) 4-Chlorotoluene	12.85	91	700523	50.343	ug/l	99
83) tert-Butylbenzene	13.08	119	768048	51.521	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	860188	50.602	ug/l	98
85) sec-Butylbenzene	13.25	105	1050744	51.282	ug/l	100
86) p-Isopropyltoluene	13.37	119	976550	51.044	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	494617	50.619	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	484163	50.047	ug/l	99
89) n-Butylbenzene	13.69	91	931045	51.738	ug/l	100
90) Hexachloroethane	13.96	117	185252	53.172	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	434201	50.635	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	29953	47.191	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	300544	49.267	ug/l	99
94) Hexachlorobutadiene	15.11	225	204567	48.939	ug/l	100
95) Naphthalene	15.23	128	494042	49.003	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	237207	49.190	ug/l	97

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

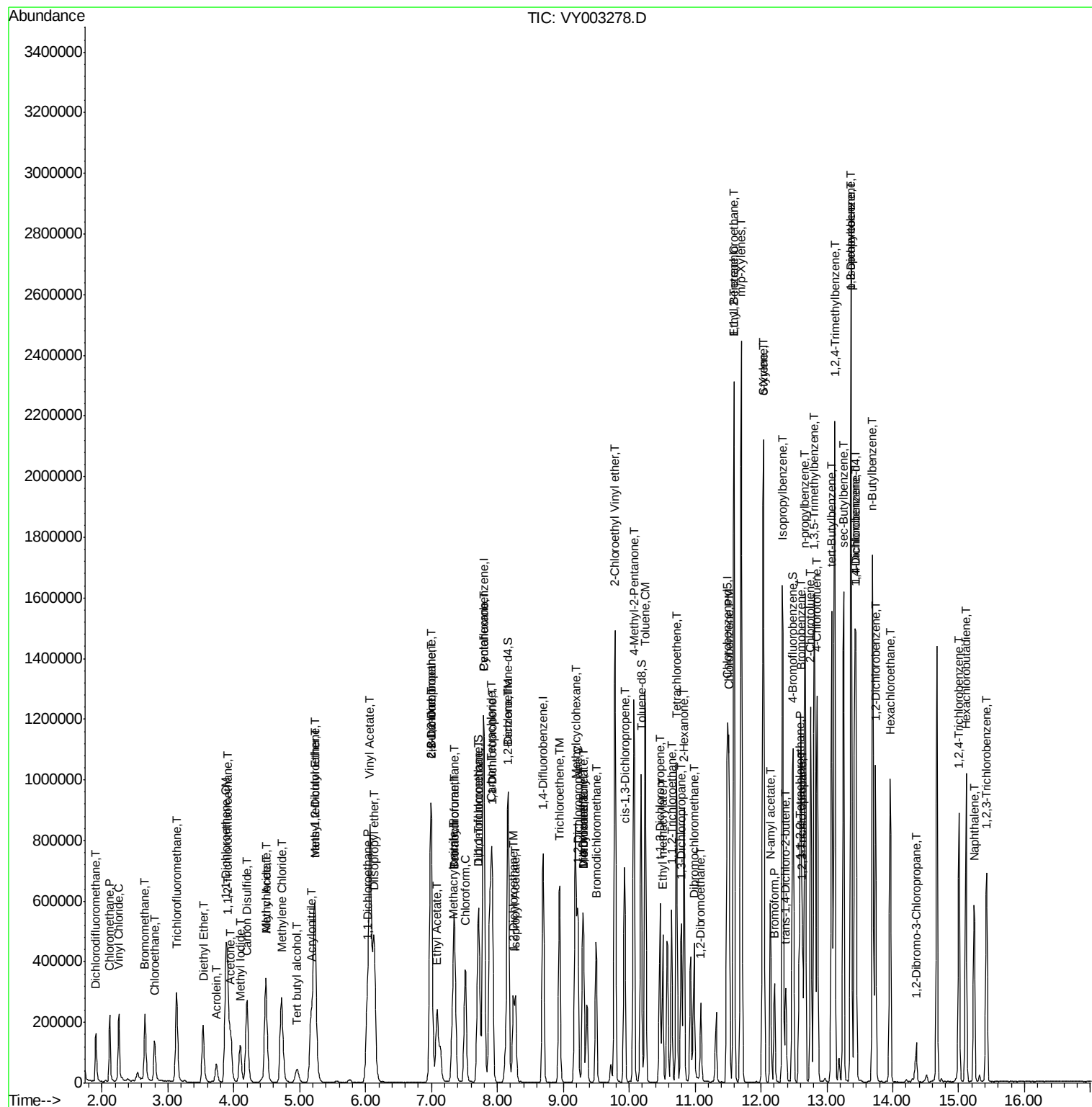
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072220\
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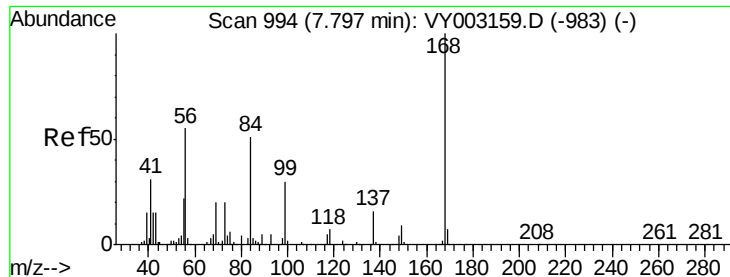
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 450121

Ion Ratio Lower Upper

168 100

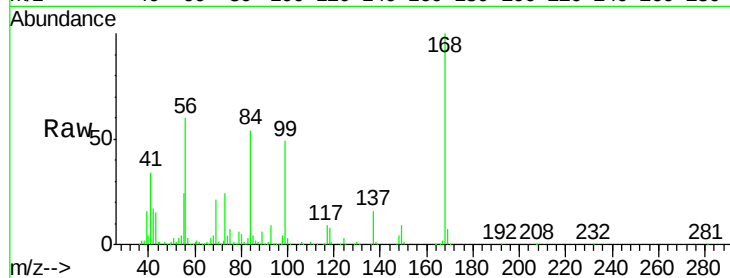
99 49.0 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003159.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003159.D (-983) (-)

7.80

200000

150000

100000

50000

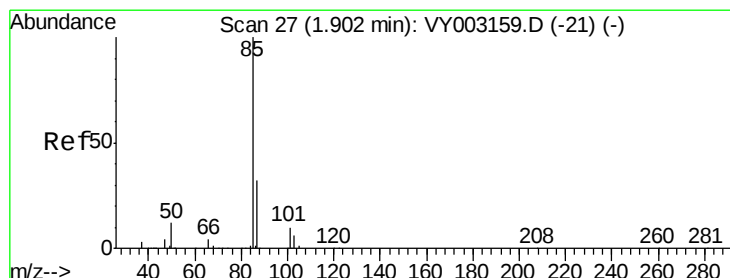
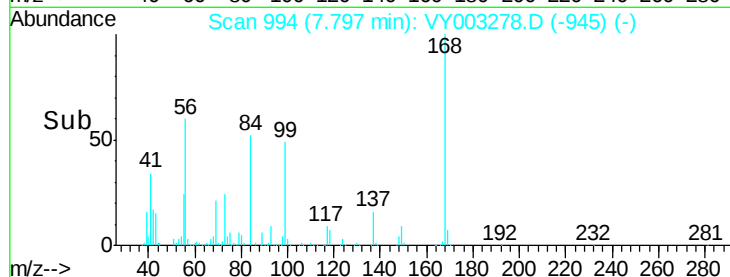
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 42.247 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003278.D

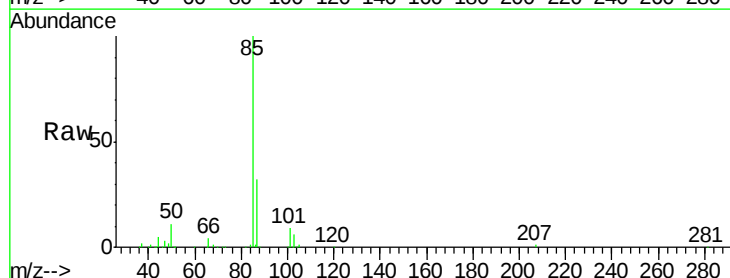
Acq: 22 Jul 2020 10:48

Tgt Ion: 85 Resp: 136296

Ion Ratio Lower Upper

85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY003159.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003159.D (-21) (-)

1.91

100000

80000

60000

40000

20000

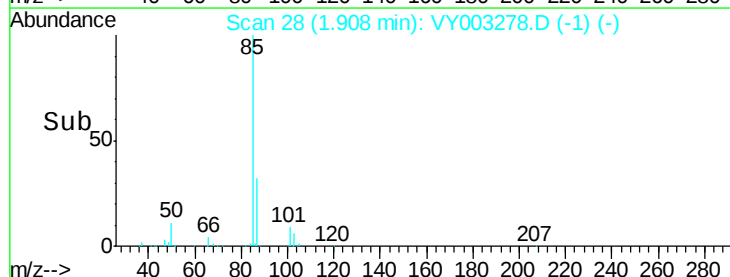
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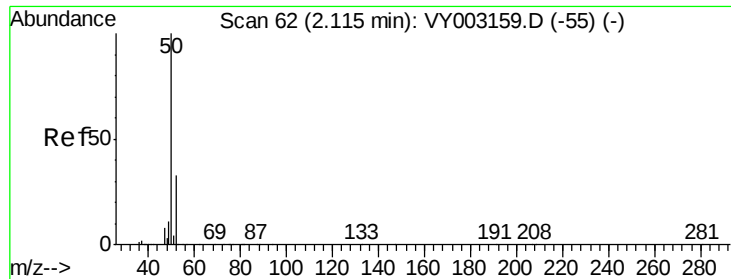
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 45.057 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 201629

Ion Ratio Lower Upper

50 100

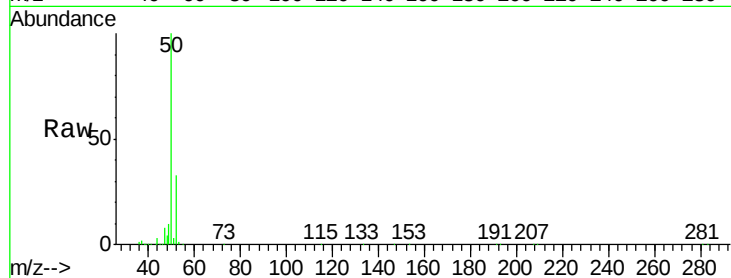
52 33.2 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

150000

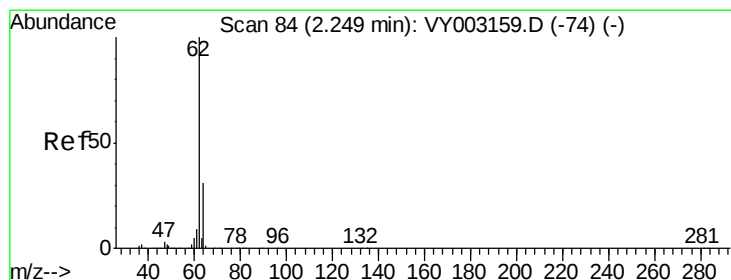
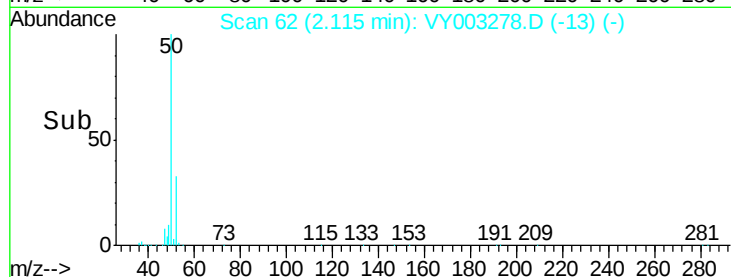
2.12

100000

50000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 46.990 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003278.D

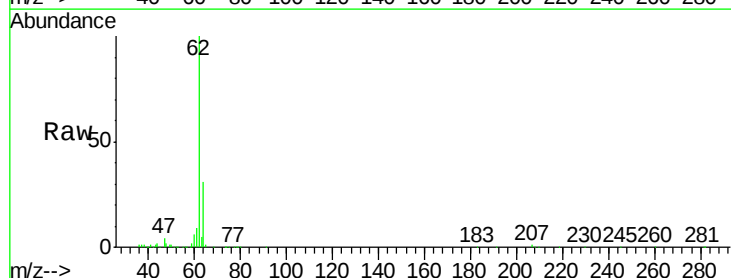
Acq: 22 Jul 2020 10:48

Tgt Ion: 62 Resp: 215748

Ion Ratio Lower Upper

62 100

64 31.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

150000

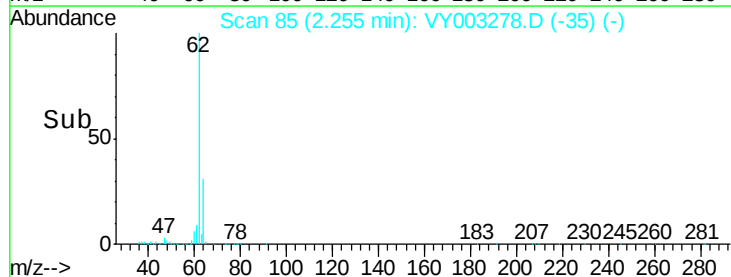
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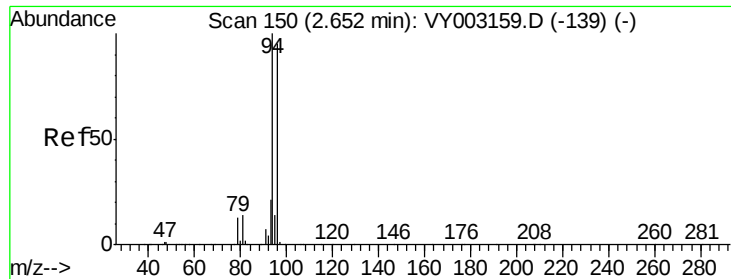
100000

50000

0

Time--> 2.20 2.30 2.40





#5

Bromomethane

Concen: 47.885 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 163303

Ion Ratio Lower Upper

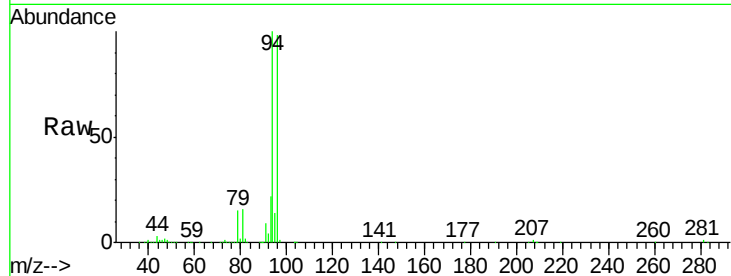
94 100

96 97.7 76.0 114.0

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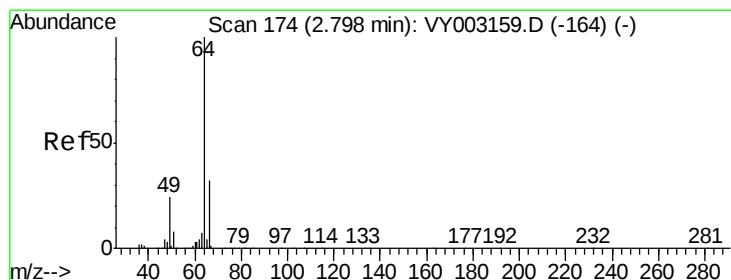
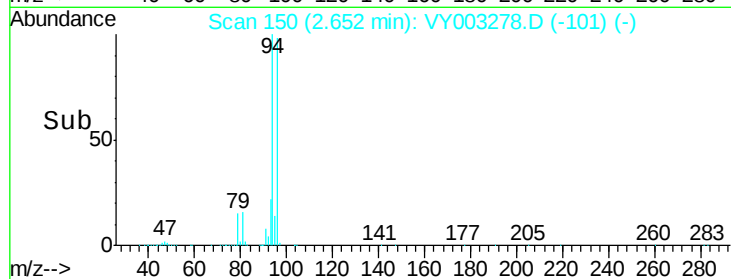
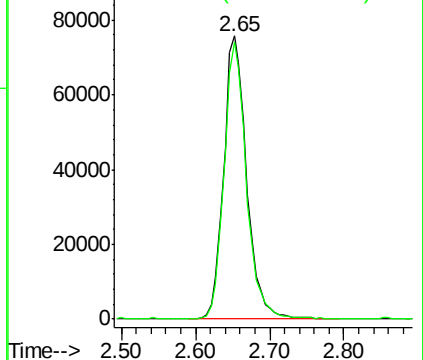
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7/23/2020 12:22:51 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.438 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003278.D

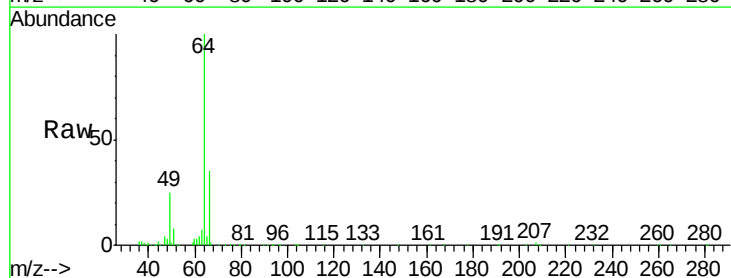
Acq: 22 Jul 2020 10:48

Tgt Ion: 64 Resp: 140041

Ion Ratio Lower Upper

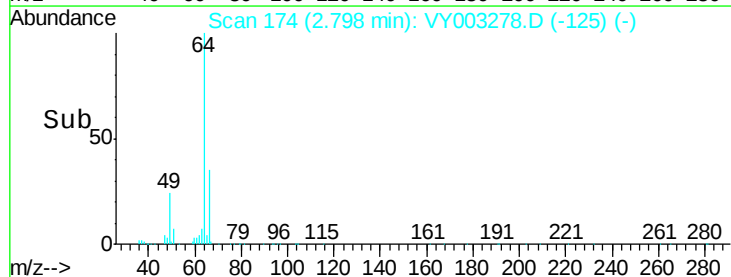
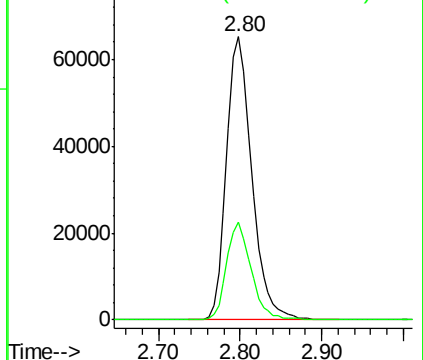
64 100

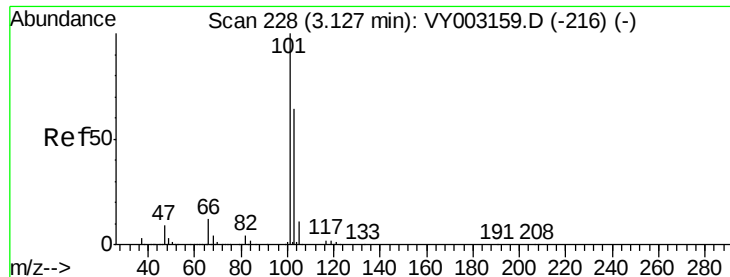
66 34.4 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

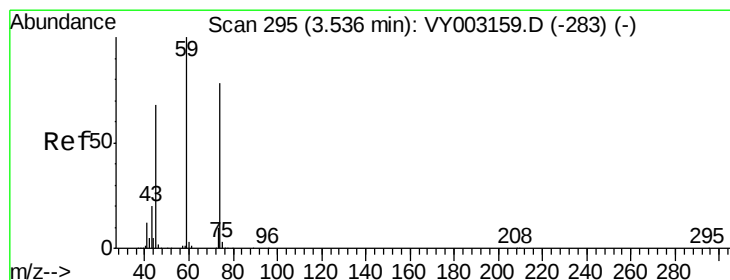
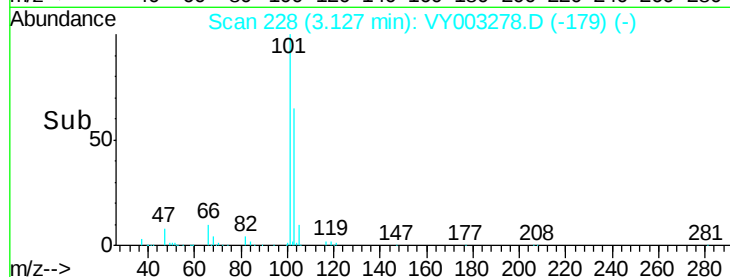
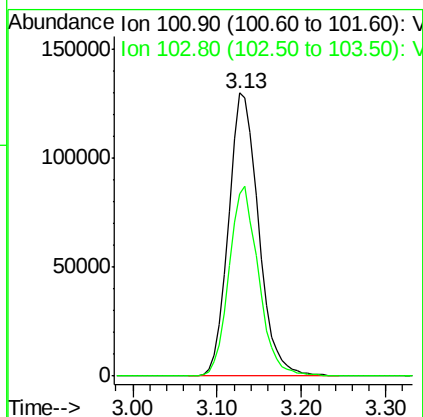
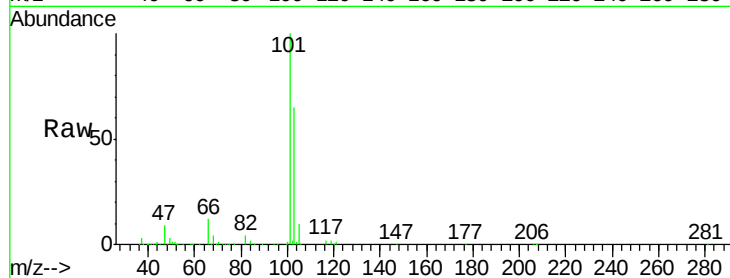
Trichlorofluoromethane
 Concen: 48.040 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.3	76.9

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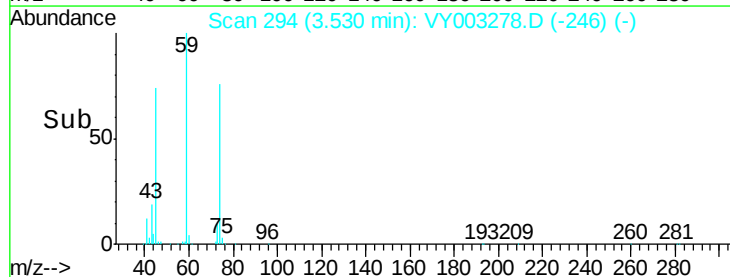
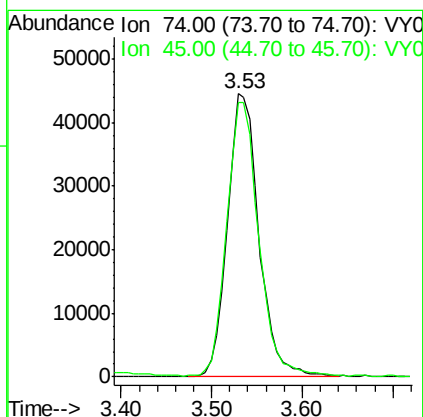
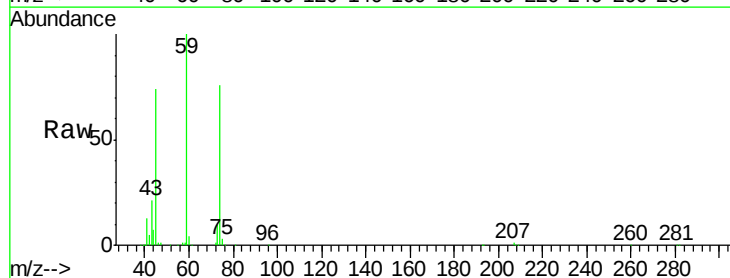
MMDadoda
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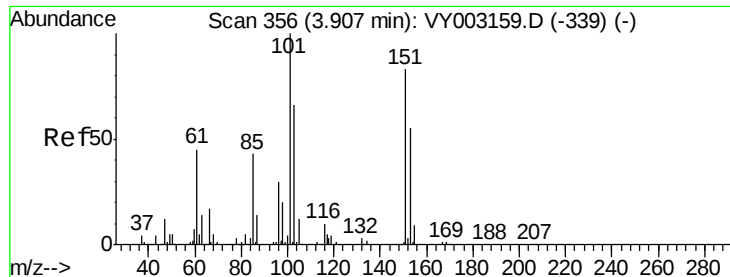


#8

Diethyl Ether
 Concen: 48.880 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.279 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

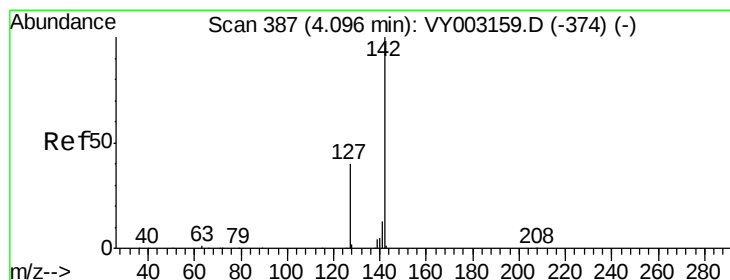
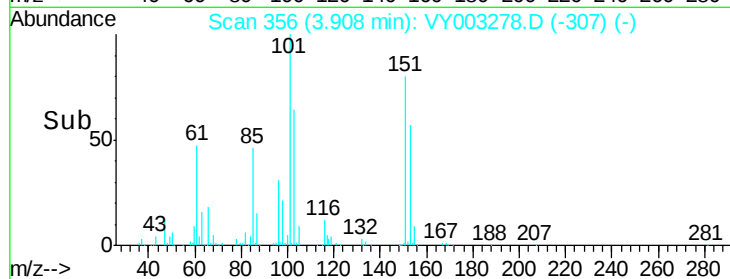
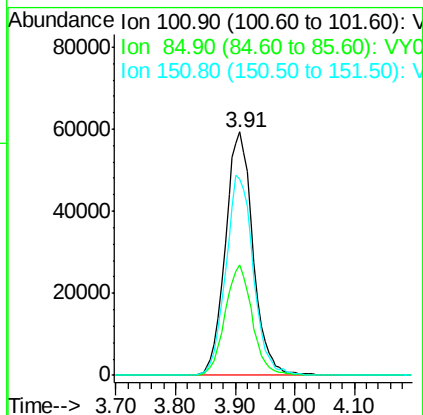
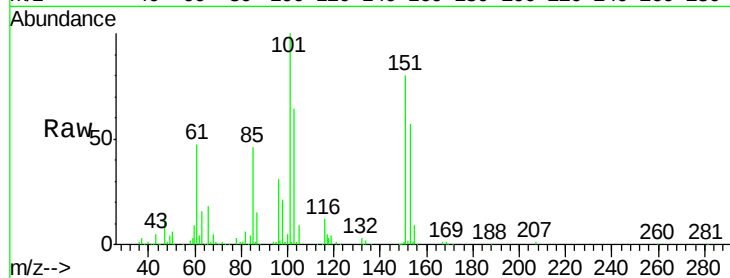
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	191187
Ion Ratio	Lower	Upper	
101	100		
85	44.4	34.9	52.3
151	81.8	67.0	100.6

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#10

Methyl Iodide

Concen: 46.472 ug/l

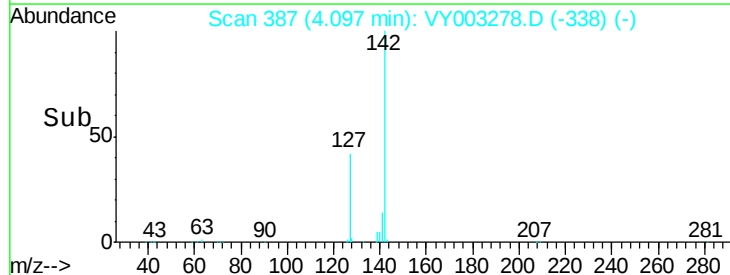
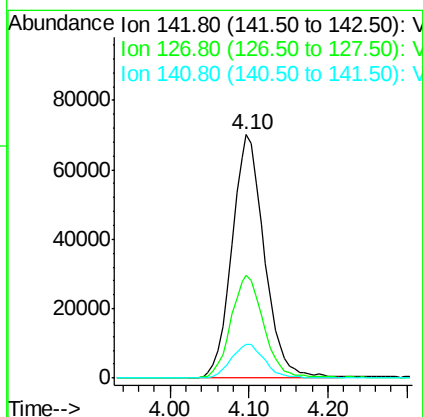
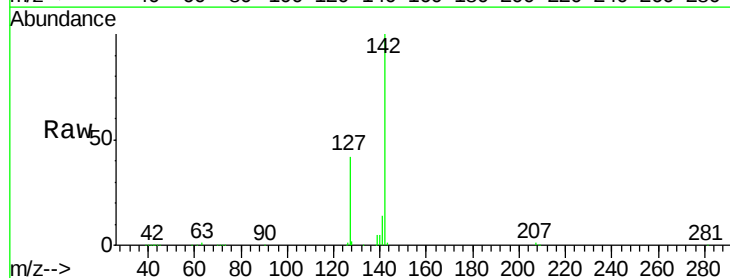
RT: 4.10 min Scan# 387

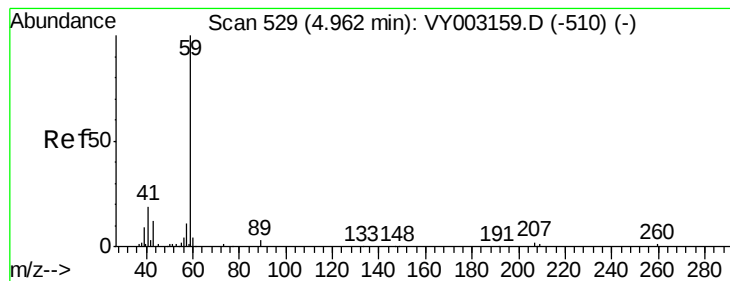
Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Tgt Ion:	142	Resp:	199938
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.5	50.3
141	14.3	11.2	16.8





#11

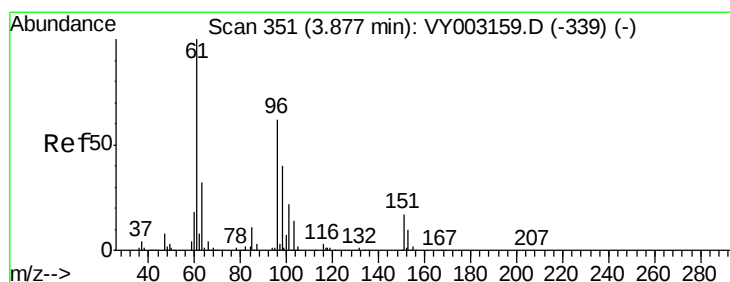
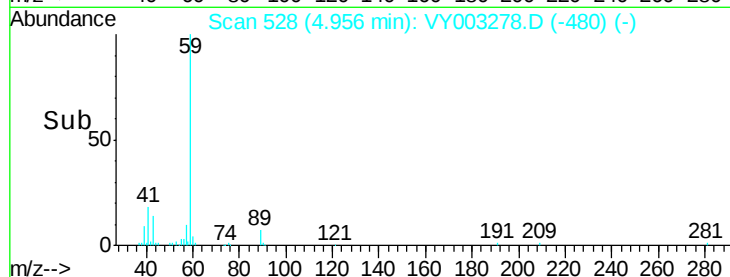
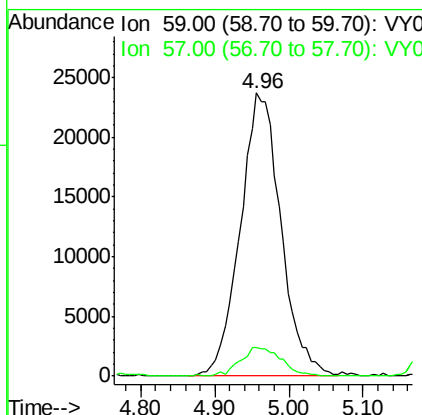
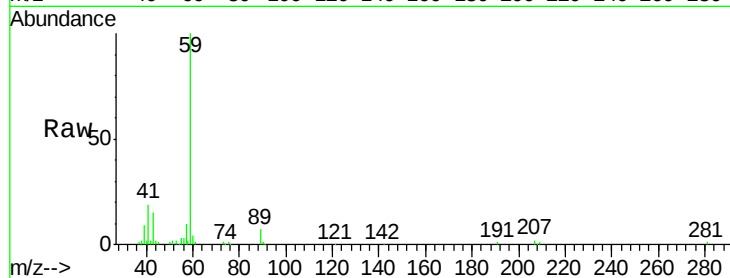
Tert butyl alcohol
Concen: 221.009 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	10.3		8.4	12.6

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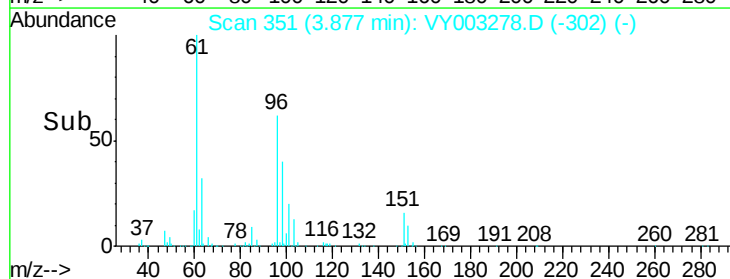
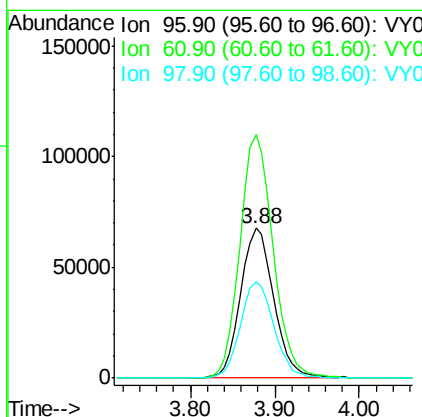
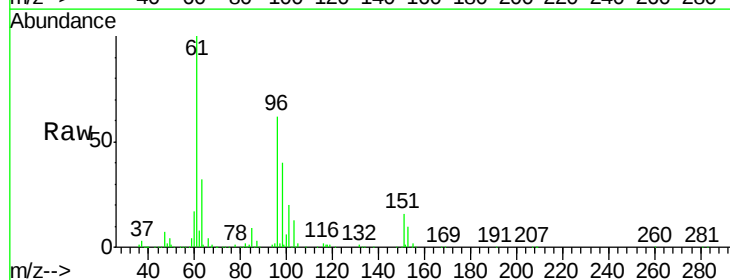
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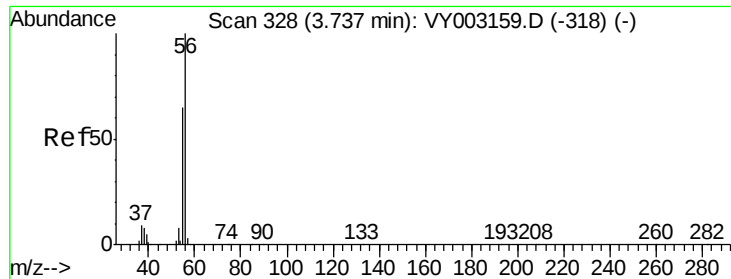


#12

1,1-Dichloroethene
Concen: 48.222 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	162.3		128.6	193.0
98	98	64.4		51.6	77.4





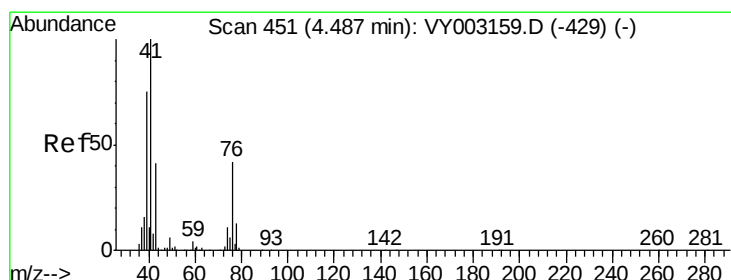
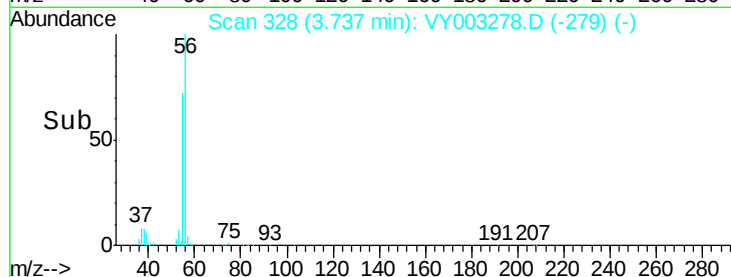
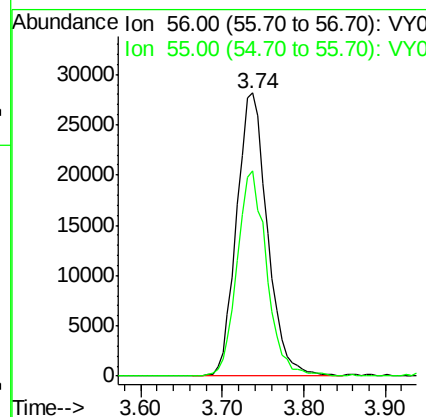
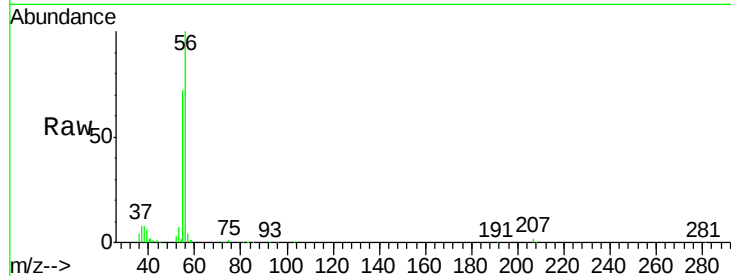
#13
Acrolein
Concen: 205.658 ug/l
RT: 3.74 min Scan# 328
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.5	56.0	84.0

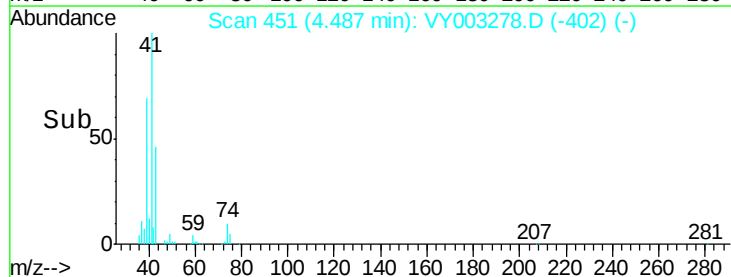
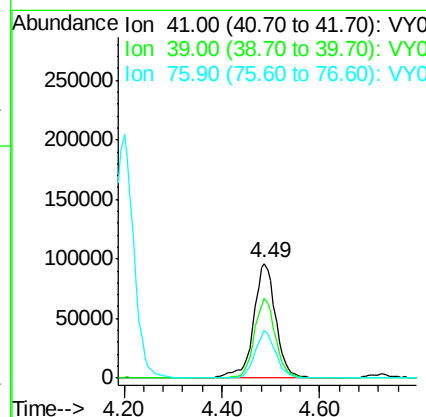
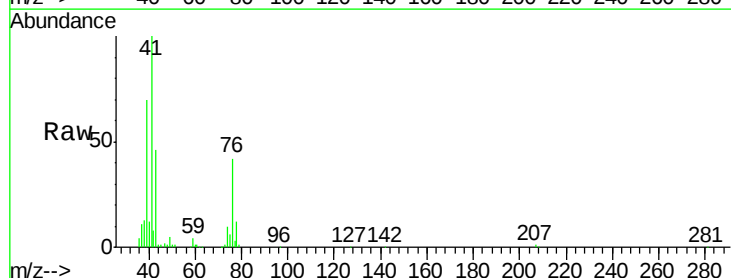
Manual Integrations
APPROVED

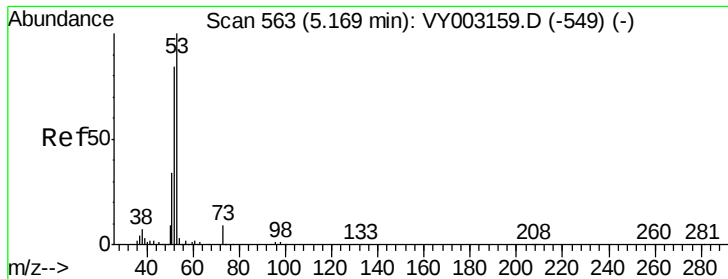
MMDadoda
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#14
Allyl chloride
Concen: 54.585 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.8	56.6	85.0
76	76	37.8	31.6	47.4





#15

Acrylonitrile

Concen: 256.047 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

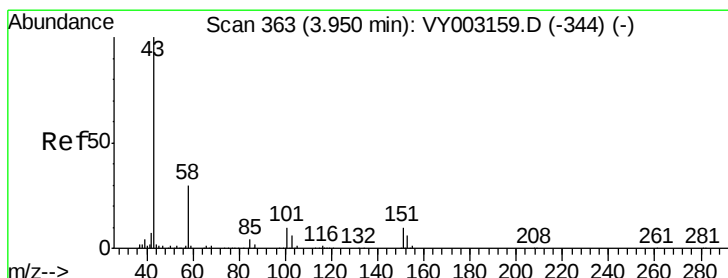
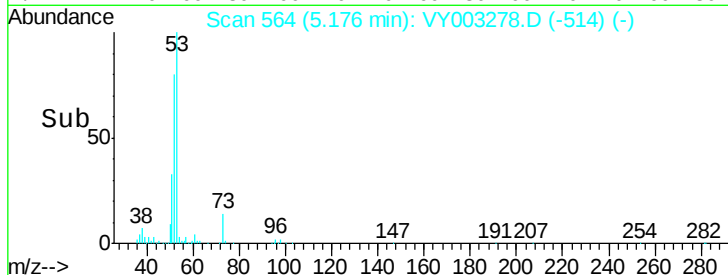
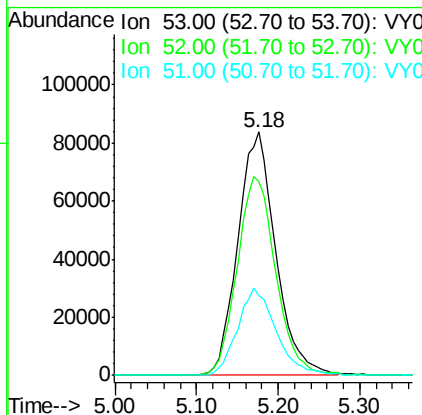
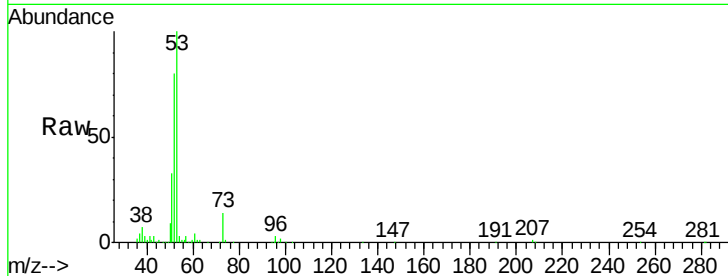
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	270243
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.8	98.6
51	36.6	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 265.649 ug/l

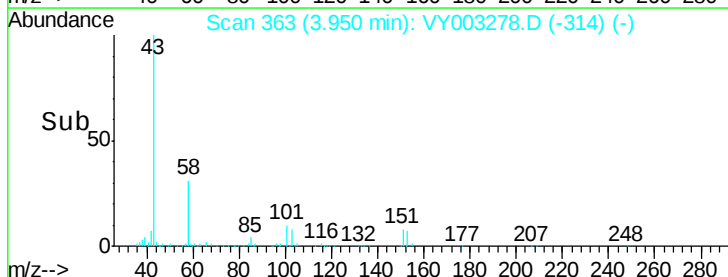
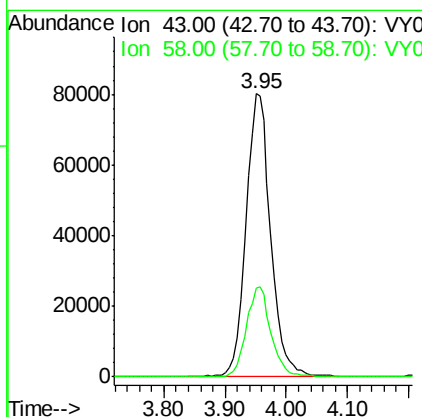
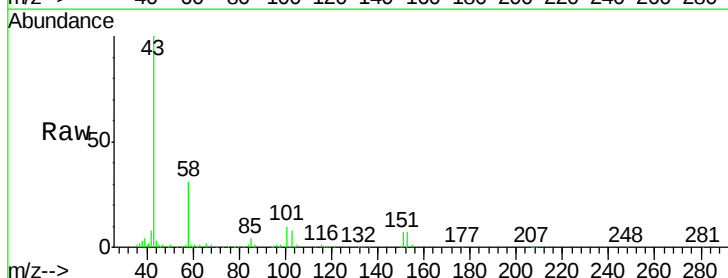
RT: 3.95 min Scan# 363

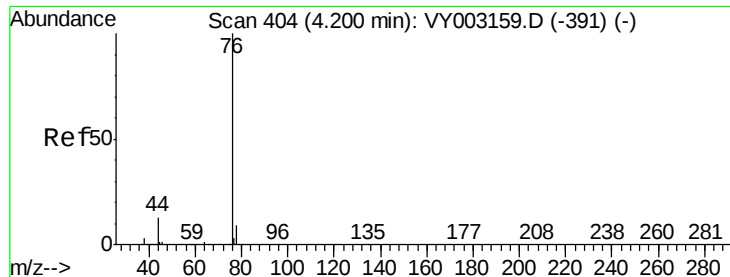
Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Tgt Ion:	43	Resp:	225436
Ion	Ratio	Lower	Upper
43	100		
58	31.4	23.8	35.6





#17

Carbon Disulfide

Concen: 48.070 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 552502

Ion Ratio Lower Upper

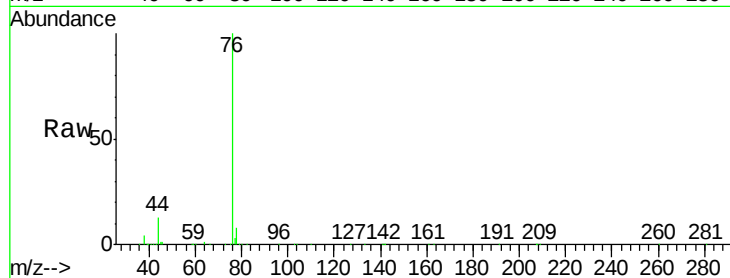
76 100

78 8.2 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

200000

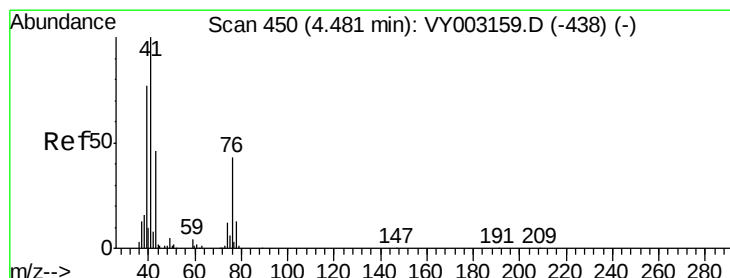
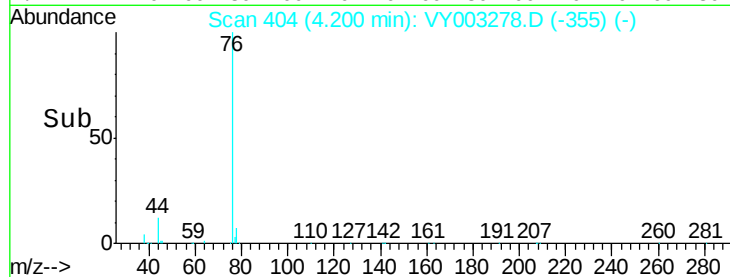
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.570 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003278.D

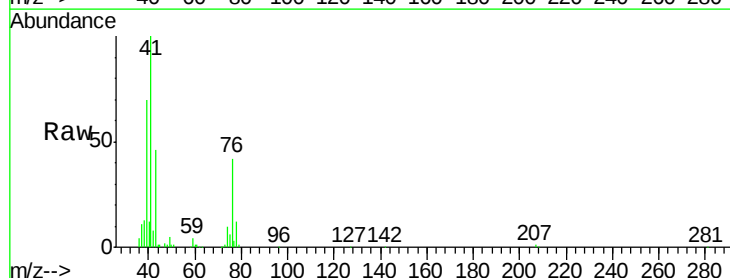
Acq: 22 Jul 2020 10:48

Tgt Ion: 43 Resp: 126249

Ion Ratio Lower Upper

43 100

74 23.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

50000

40000

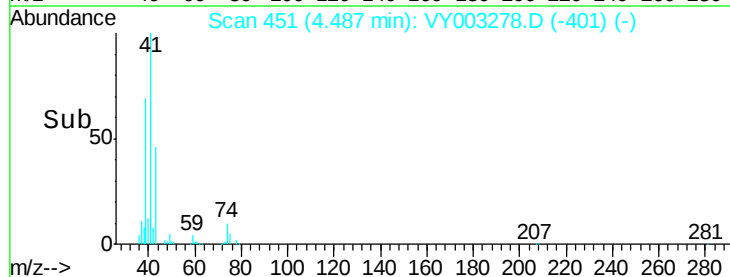
30000

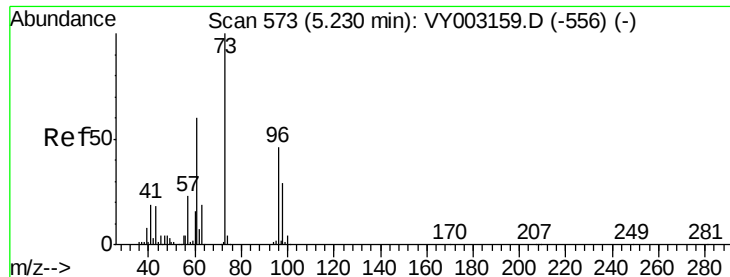
20000

10000

0

Time-->





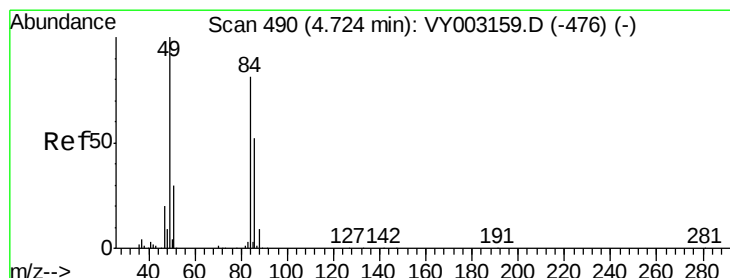
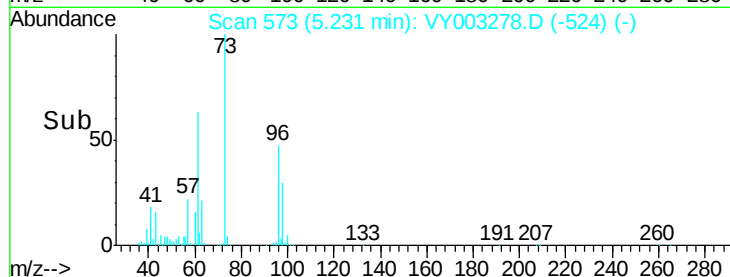
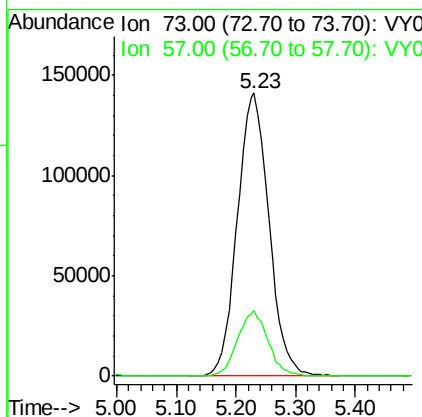
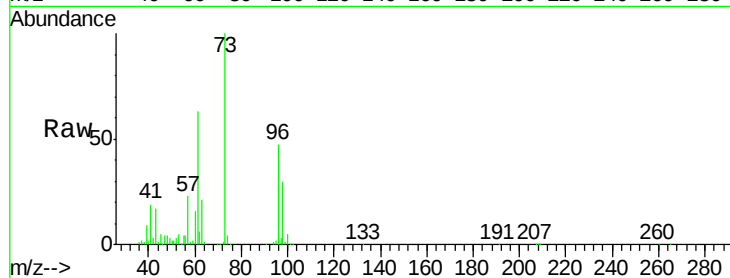
#19
Methvl tert-butvl Ether
Concen: 49.588 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 520509
Ion Ratio Lower Upper
73 100
57 23.3 18.1 27.1

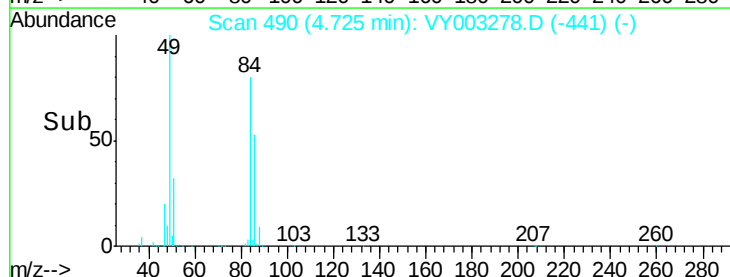
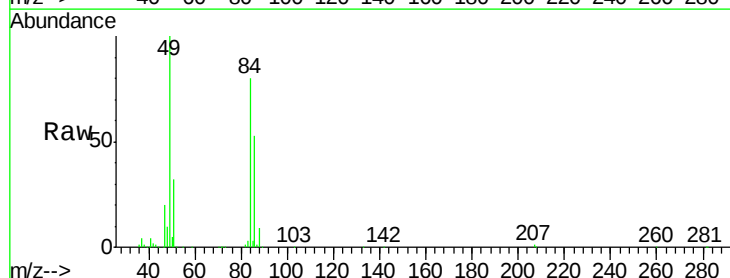
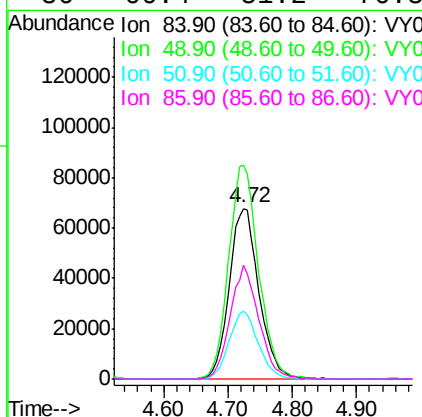
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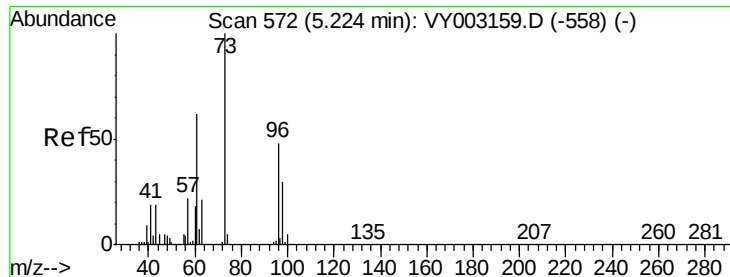
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#20
Methylene Chloride
Concen: 51.335 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion: 84 Resp: 218560
Ion Ratio Lower Upper
84 100
49 125.0 98.2 147.4
51 39.6 29.8 44.6
86 66.4 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.015 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

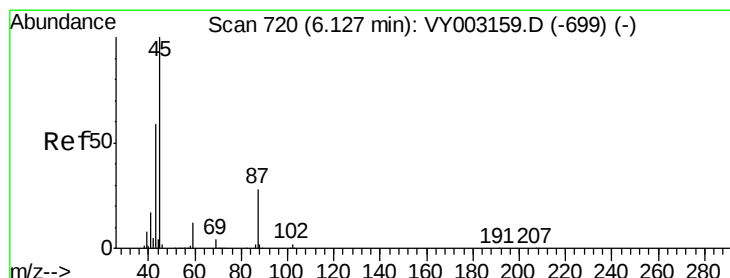
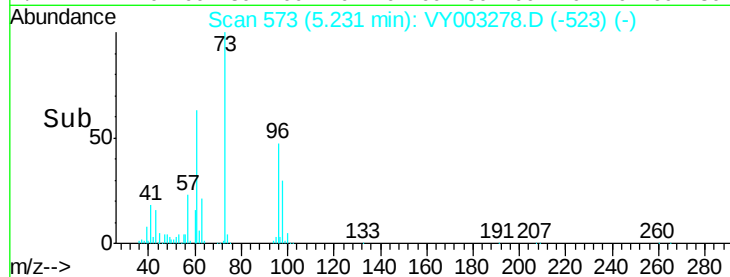
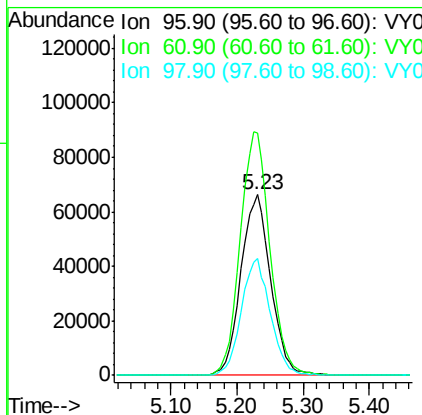
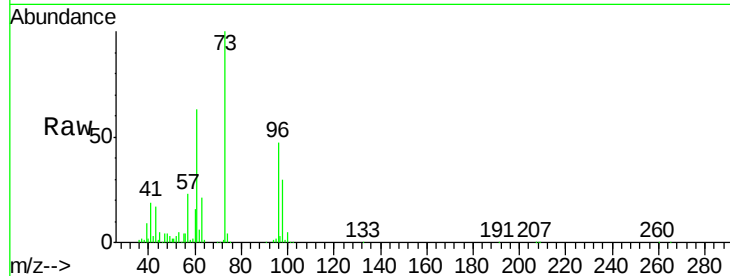
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	207653
Ion	Ratio	Lower	Upper
96	100		
61	134.2	102.5	153.7
98	64.5	49.8	74.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.988 ug/l

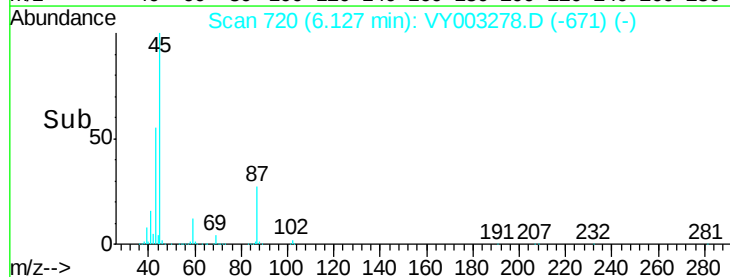
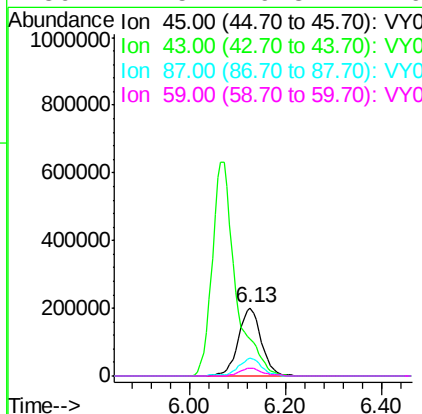
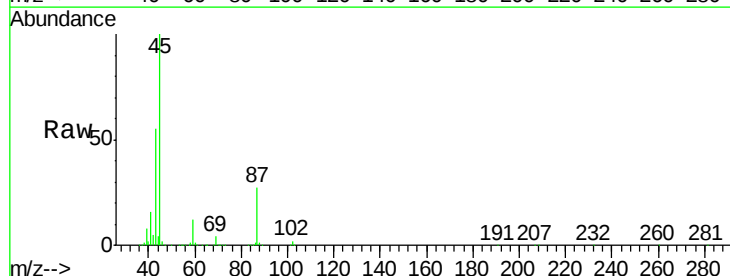
RT: 6.13 min Scan# 720

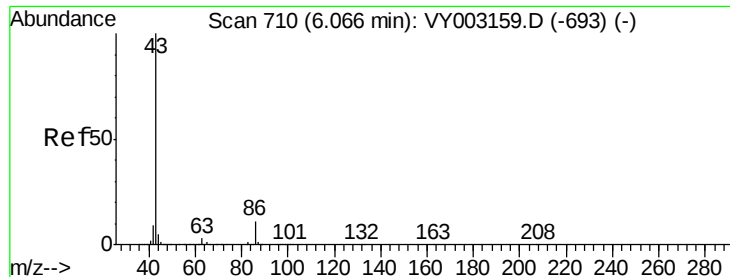
Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Tgt Ion:	45	Resp:	665939
Ion	Ratio	Lower	Upper
45	100		
43	54.5	47.0	70.4
87	27.2	22.6	33.8
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 260.137 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2138730

Ion Ratio Lower Upper

43 100

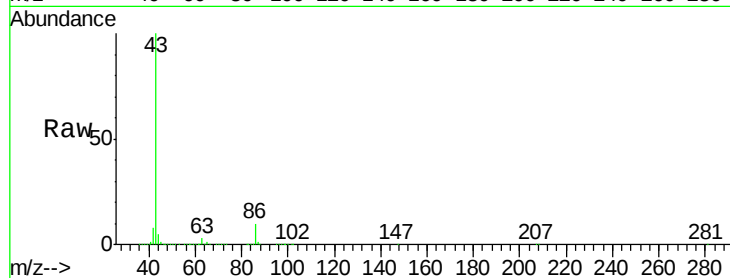
86 10.5 8.8 13.2

Manual Integrations

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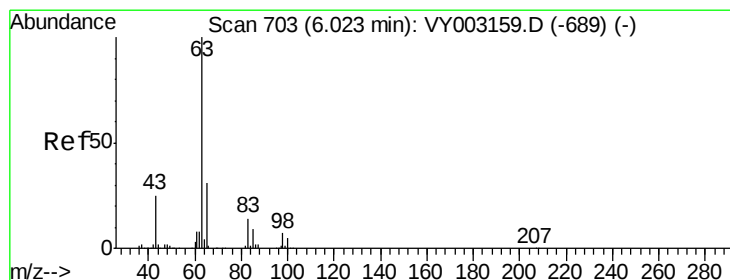
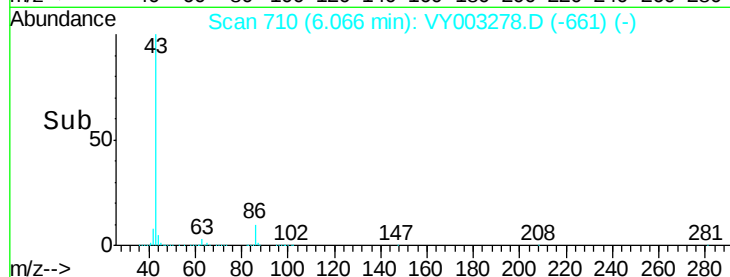
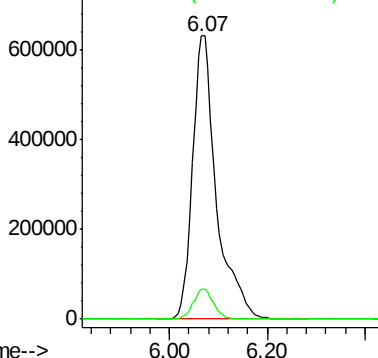
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 52.762 ug/l

RT: 6.02 min Scan# 703

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

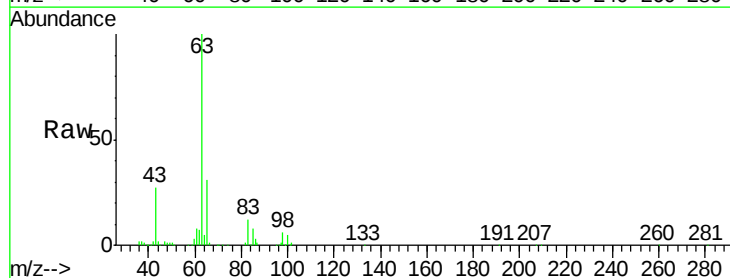
Tgt Ion: 63 Resp: 377051

Ion Ratio Lower Upper

63 100

98 6.4 3.6 10.8

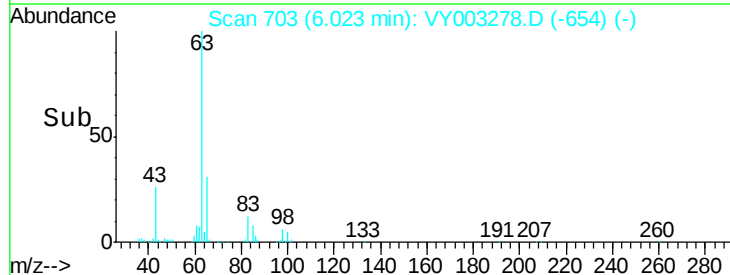
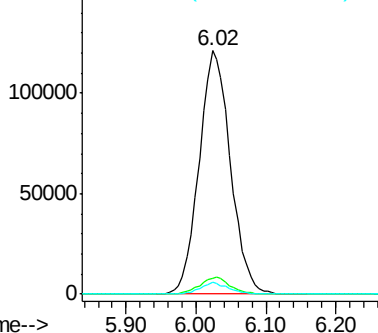
100 4.6 2.4 7.2



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: 256.059 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 356783

Ion Ratio Lower Upper

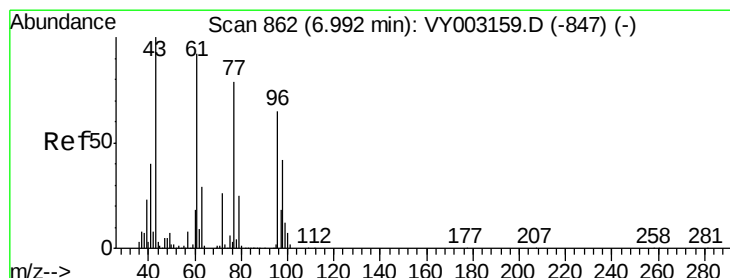
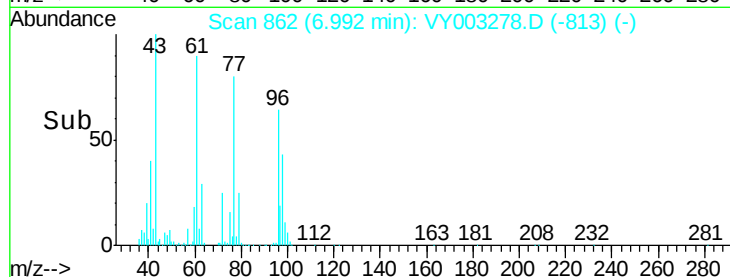
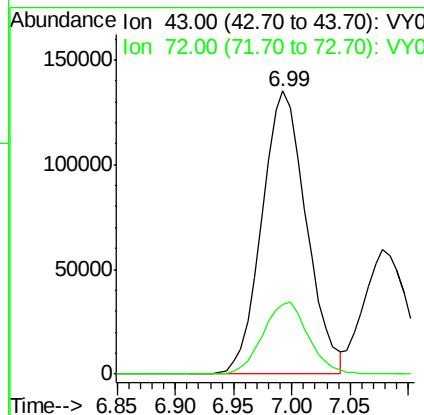
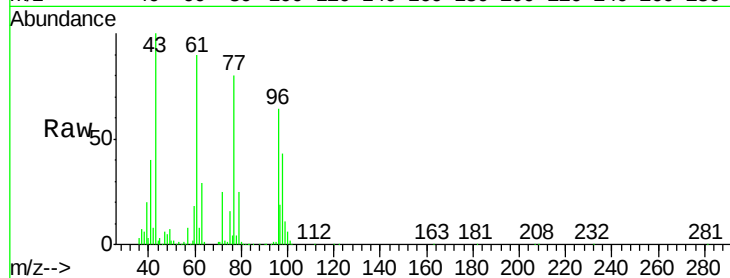
43 100

72 24.7 20.9 31.3

Manual Integrations
APPROVED

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#26

2,2-Dichloropropane

Concen: 51.393 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003278.D

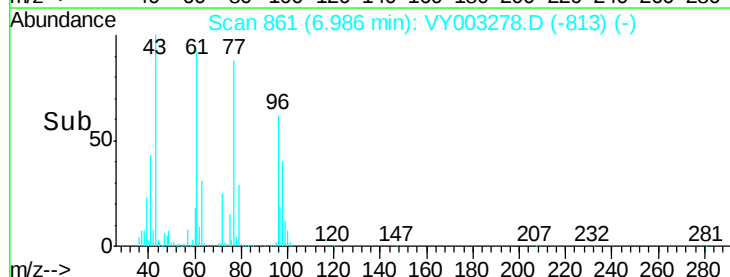
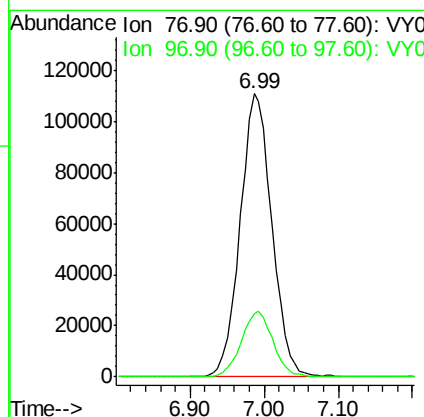
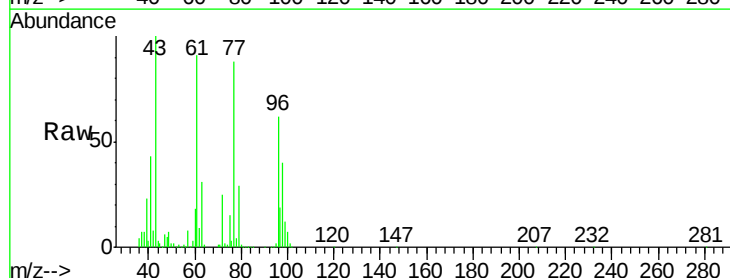
Acq: 22 Jul 2020 10:48

Tgt Ion: 77 Resp: 330749

Ion Ratio Lower Upper

77 100

97 23.0 11.6 34.7





#27

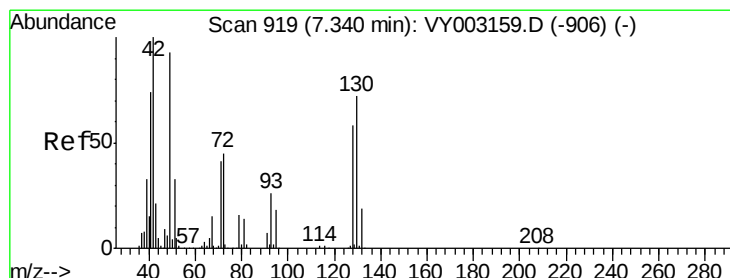
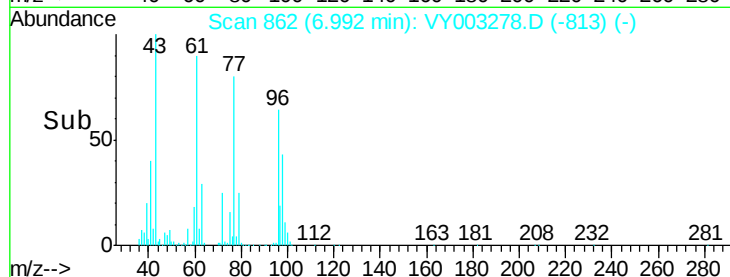
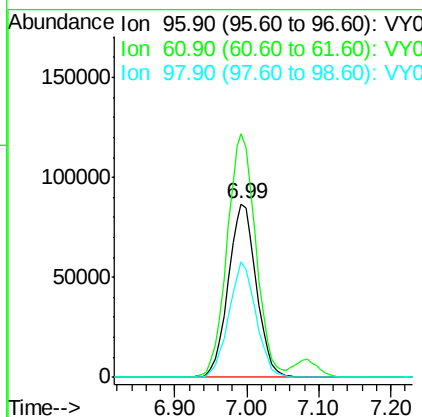
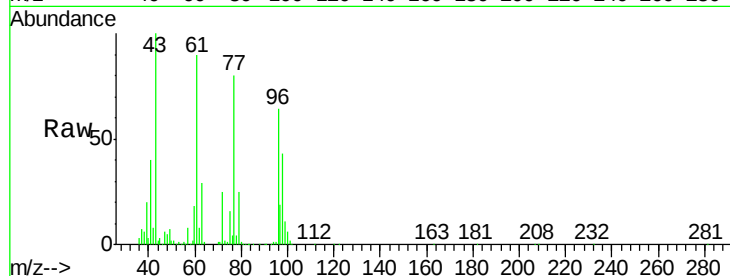
cis-1,2-Dichloroethene
Concen: 50.303 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.4	0.0	281.2
98	64.6	0.0	129.8

Manual Integrations
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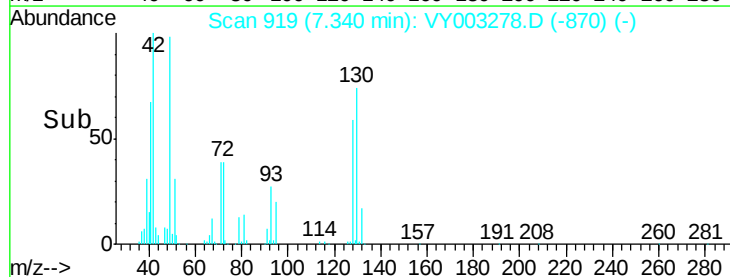
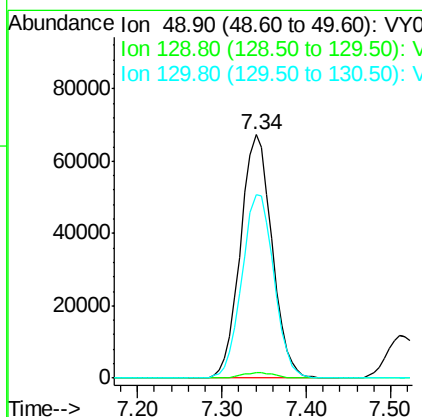
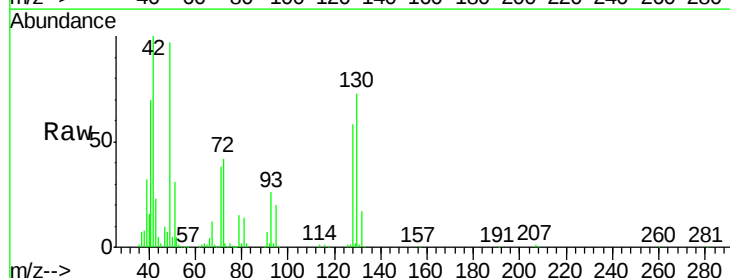
MMDadoda
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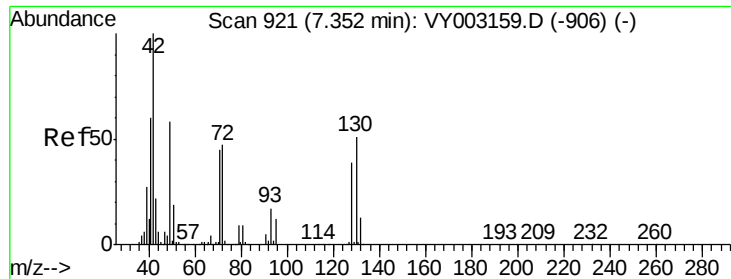


#28

Bromochloromethane
Concen: 54.877 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	76.7	64.9	97.3





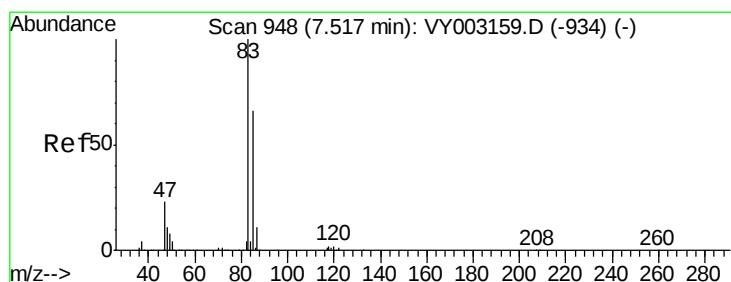
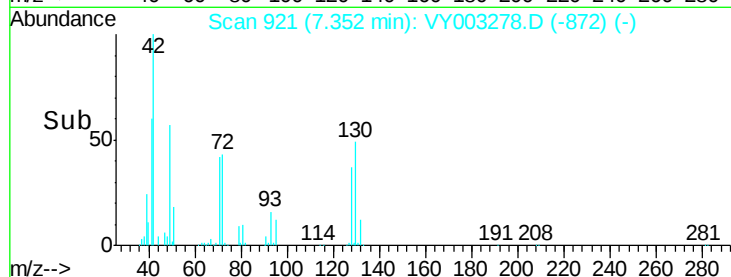
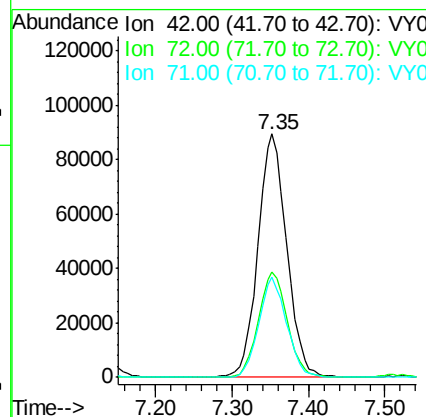
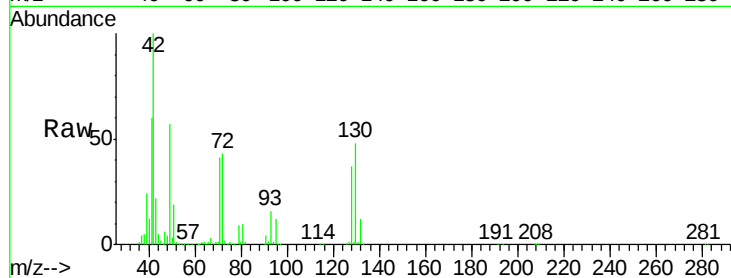
#29
Tetrahydrofuran
Concen: 251.032 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	36.7	55.1
71	39.7	34.2	51.4

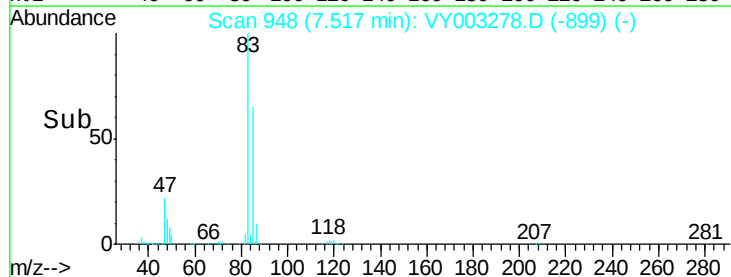
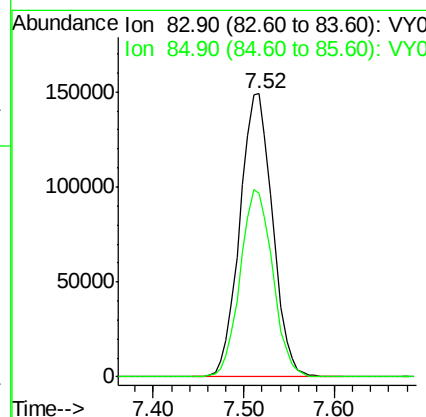
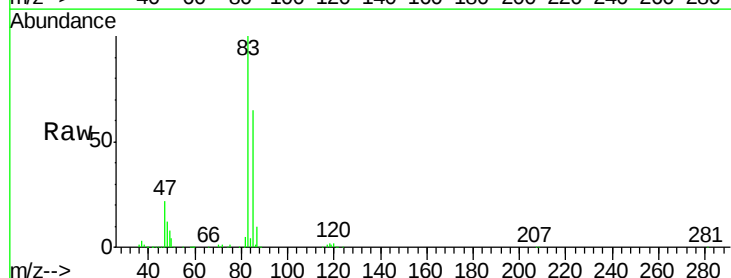
Manual Integrations
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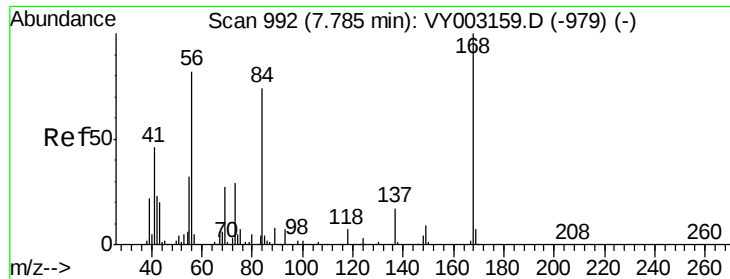
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#30
Chloroform
Concen: 50.745 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	78.8





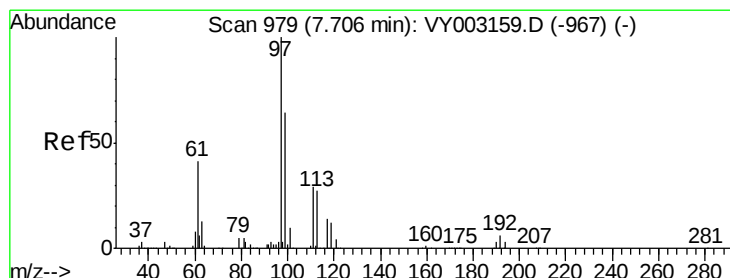
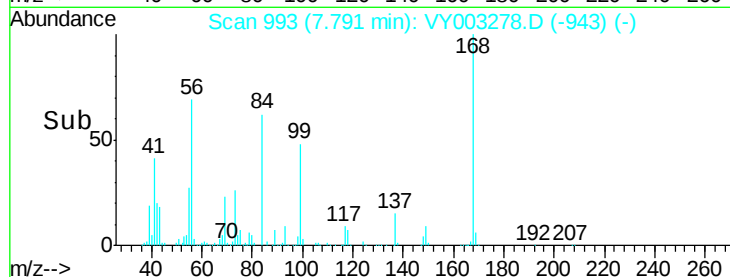
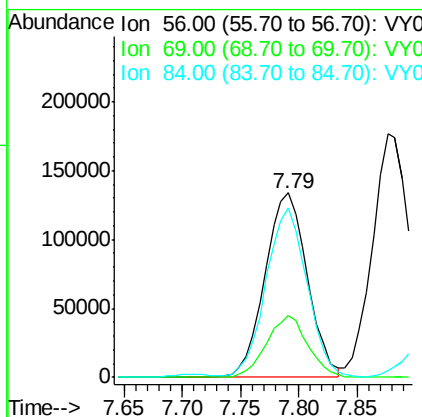
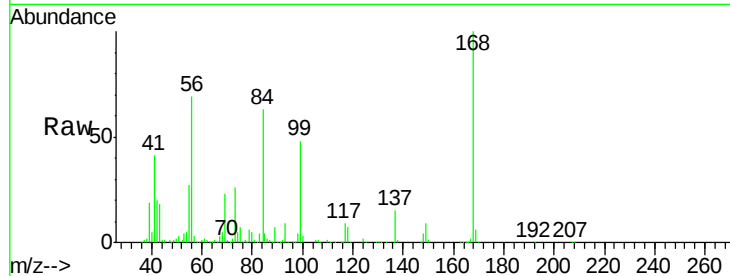
#31
Cyclohexane
Concen: 48.497 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.01 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.7	40.1
84	90.2	72.3	108.5

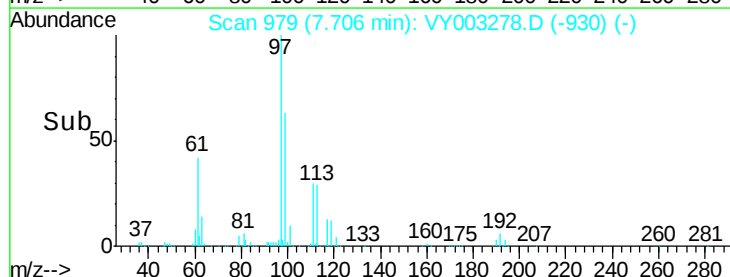
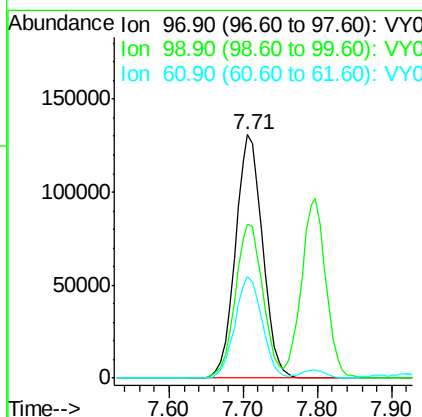
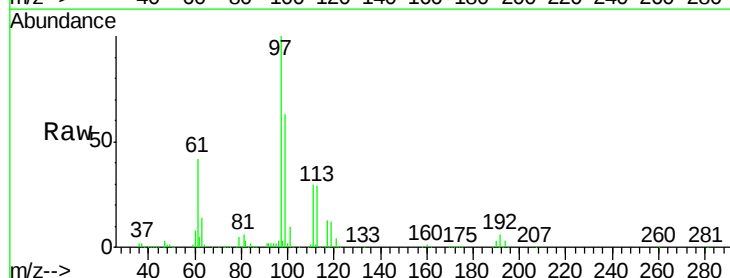
Manual Integrations
APPROVED

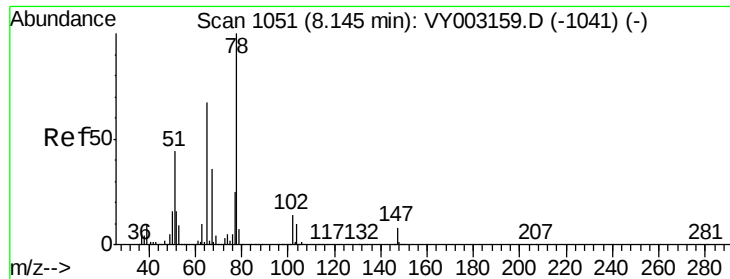
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#32
1,1,1-Trichloroethane
Concen: 50.397 ug/l
RT: 7.71 min Scan# 979
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	41.8	33.9	50.9





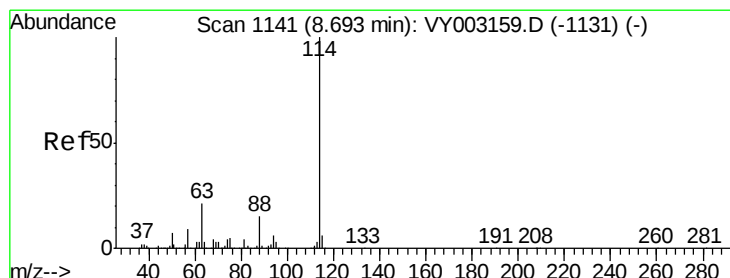
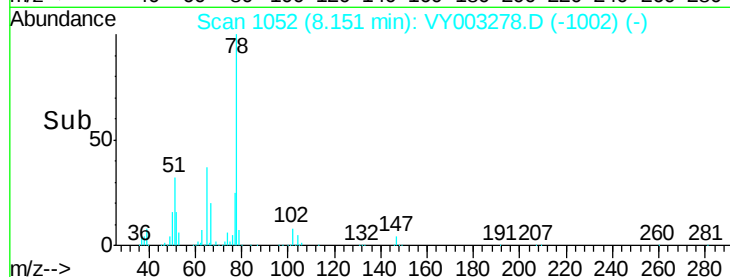
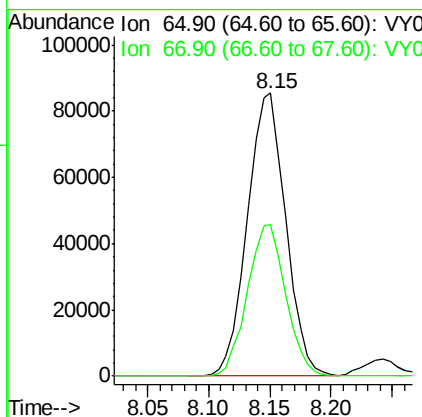
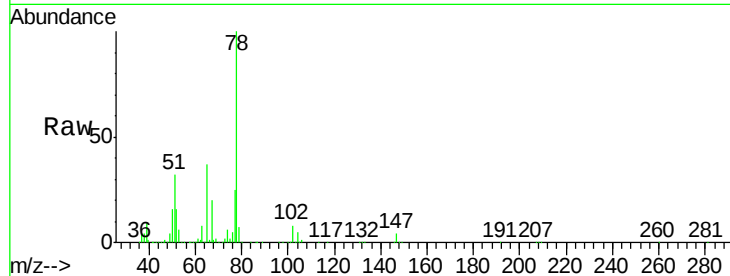
#33
 1,2-Dichloroethane-d4
 Concen: 49.191 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186885		
67	53.5	0.0	105.2	

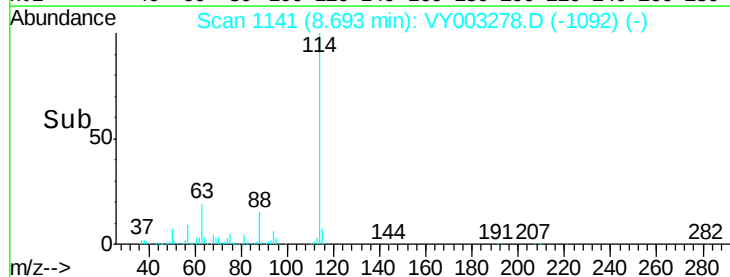
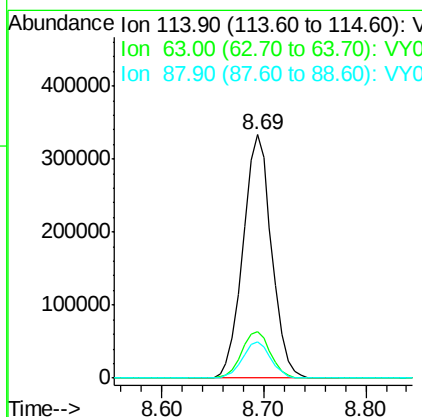
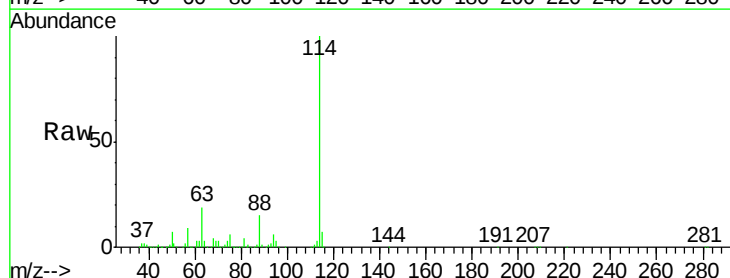
Manual Integrations
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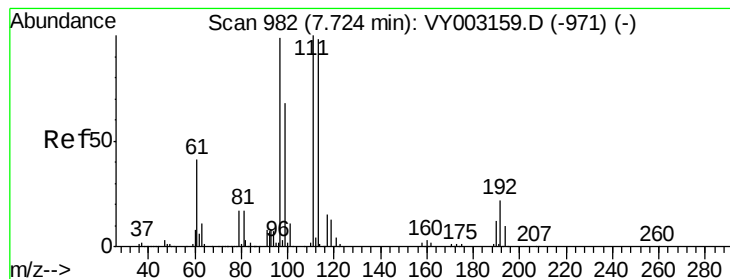
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	646602		
63	19.3	0.0	41.2	
88	14.8	0.0	30.2	





#35

Dibromofluoromethane

Concen: 49.606 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

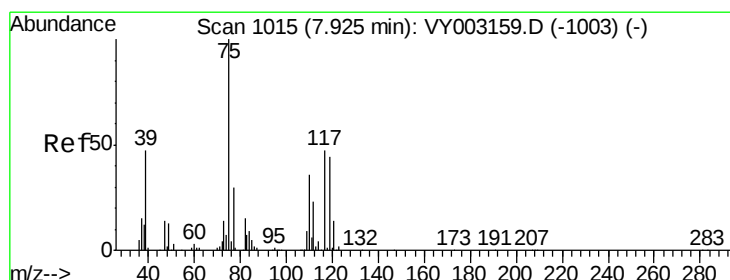
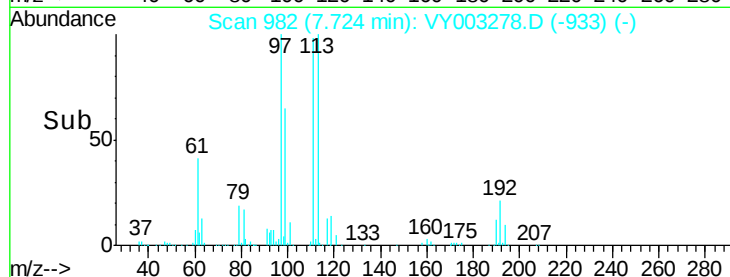
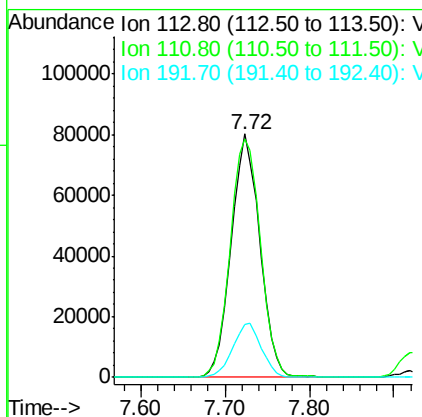
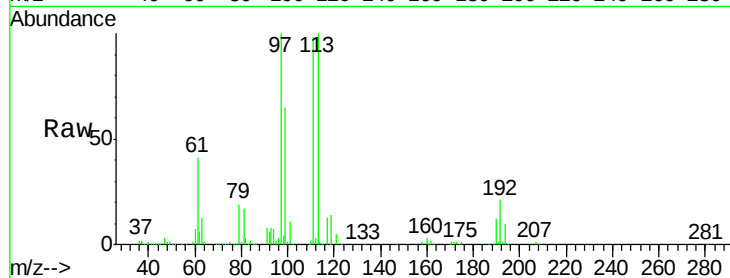
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	184585
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.1	123.1
192	22.1	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.540 ug/l

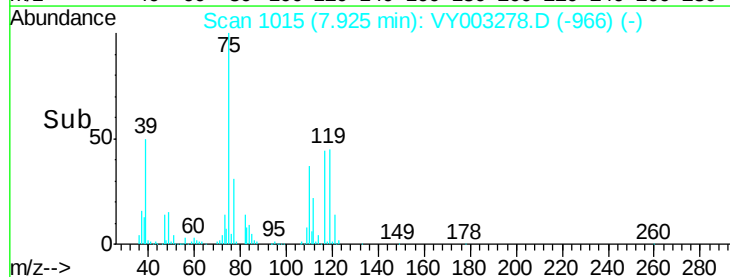
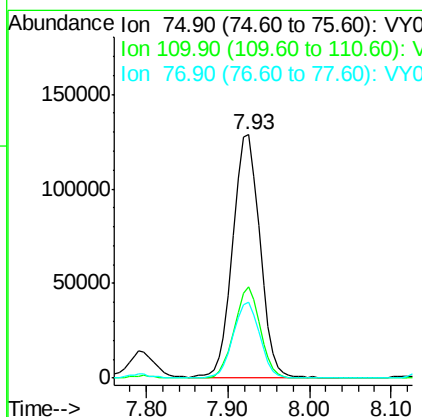
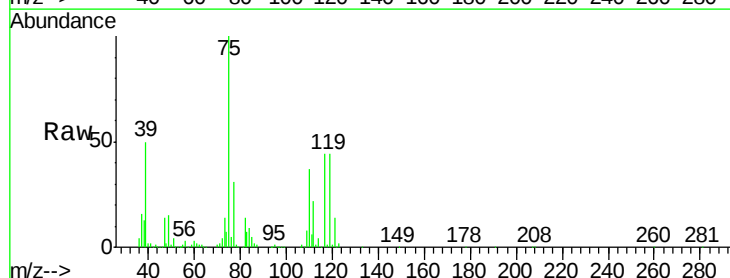
RT: 7.93 min Scan# 1015

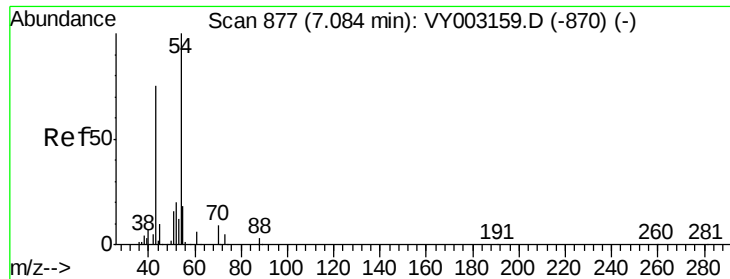
Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Tgt Ion:	75	Resp:	296182
Ion Ratio	Lower	Upper	
75	100		
110	35.5	18.1	54.1
77	30.7	24.8	37.2





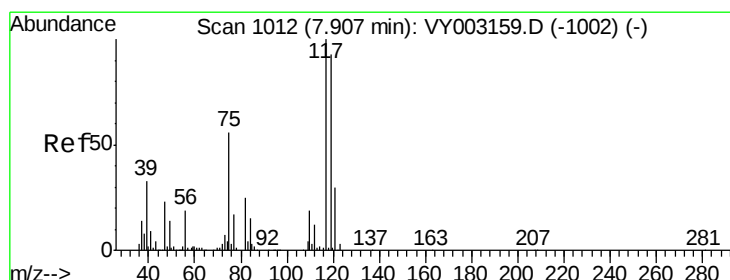
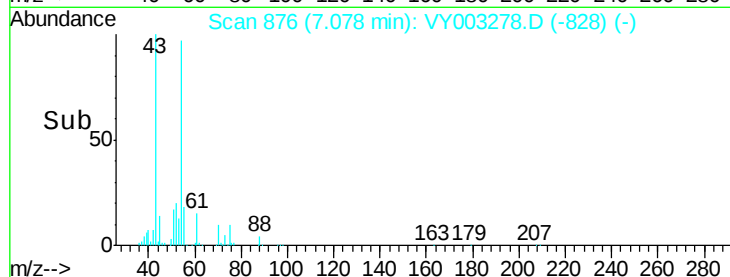
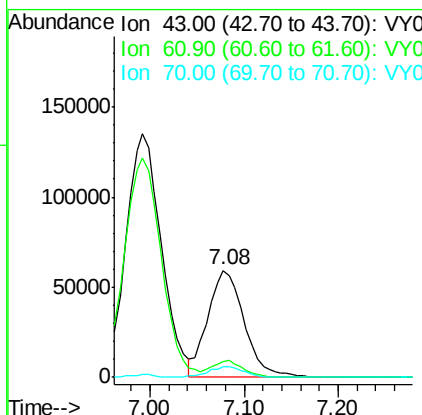
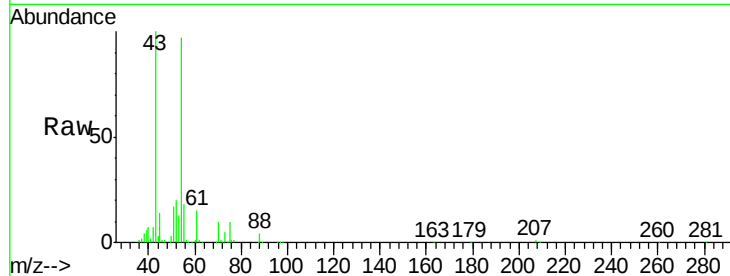
#37
Ethyl Acetate
Concen: 50.314 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.8	17.6
70	9.8	8.6	13.0

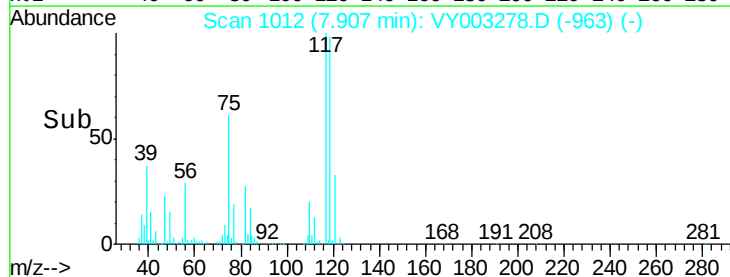
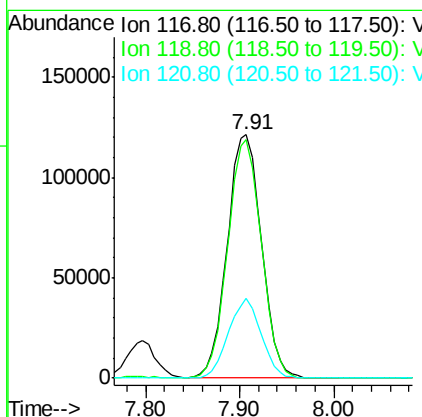
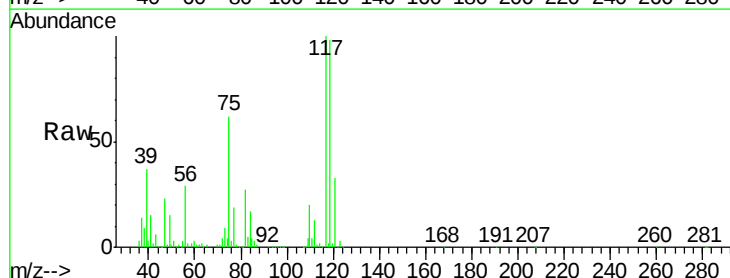
Manual Integrations
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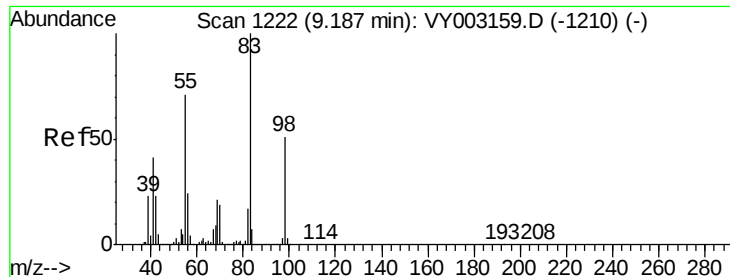
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#38
Carbon Tetrachloride
Concen: 50.769 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.5	111.7
121	32.5	24.2	36.2





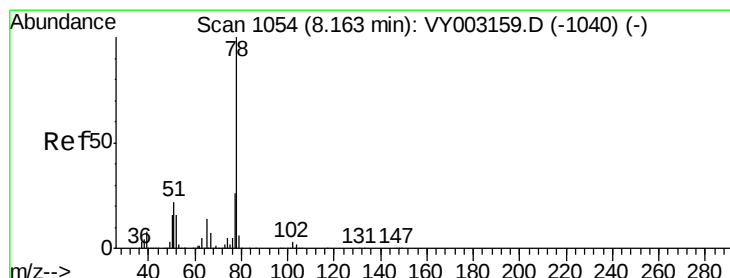
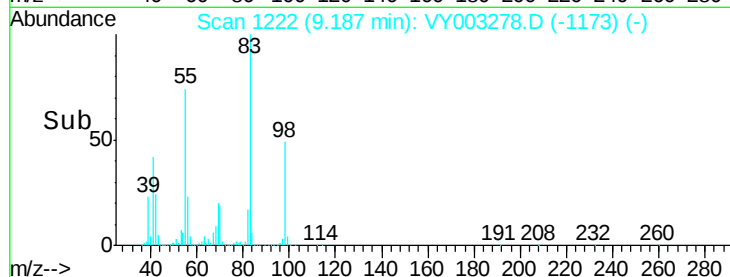
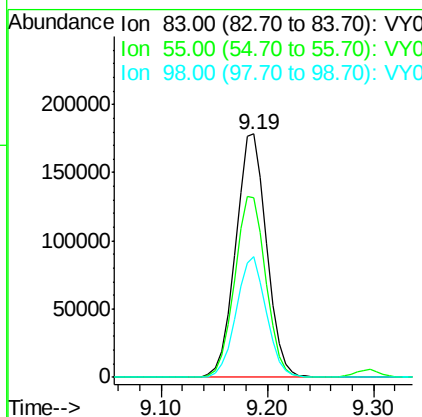
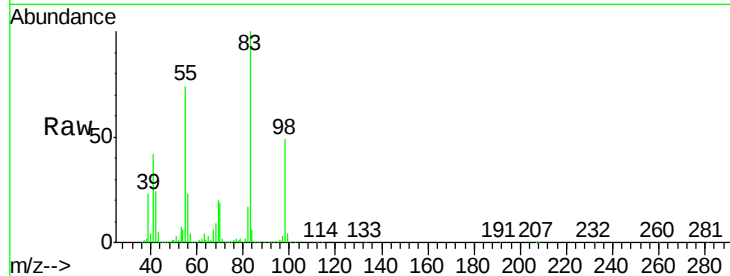
#39
Methvlcvclohexane
Concen: 49.406 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	57.2	85.8
98	49.5	41.0	61.6

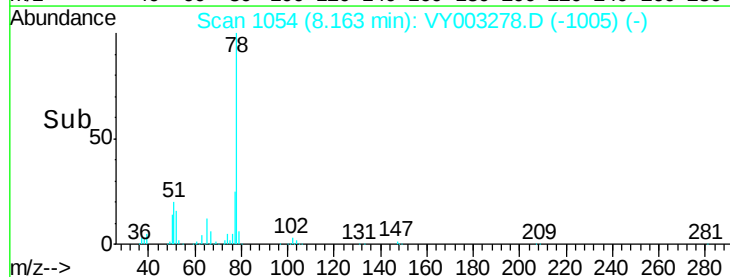
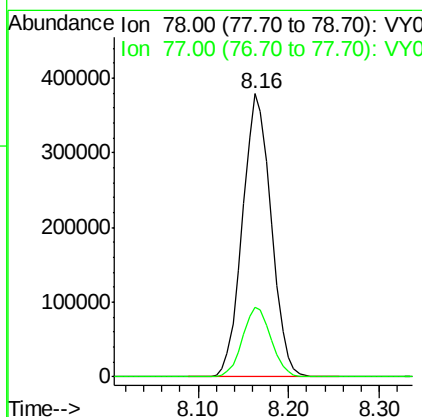
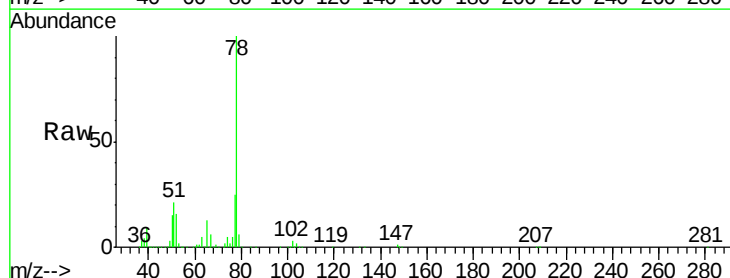
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#40
Benzene
Concen: 51.429 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	20.7	31.1





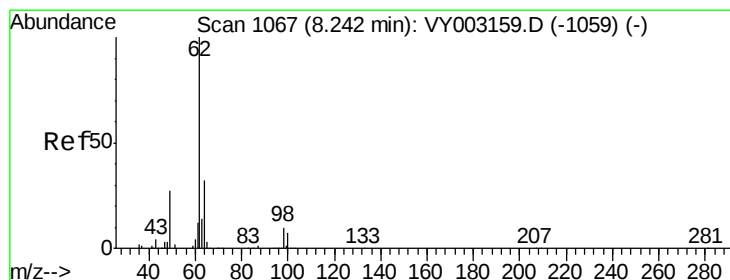
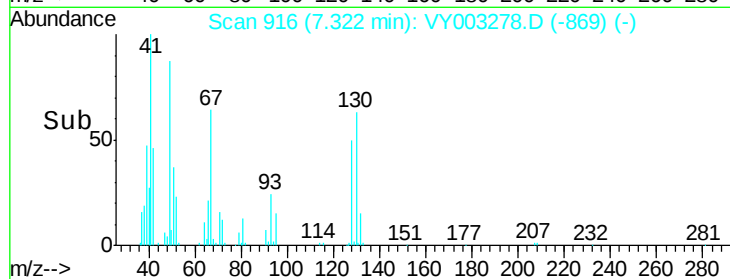
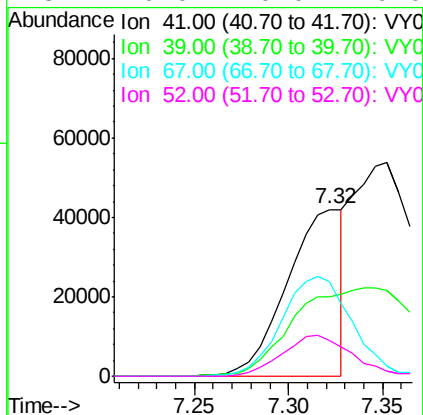
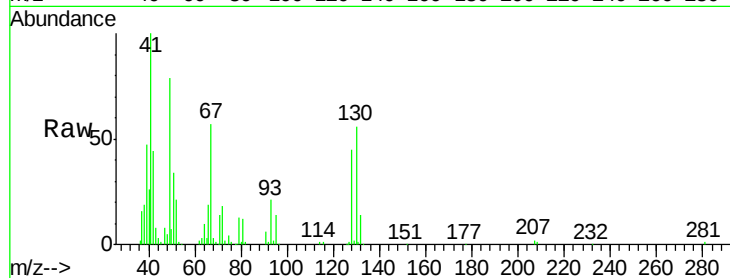
#41
Methacrylonitrile
Concen: 45.684 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	114.9	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

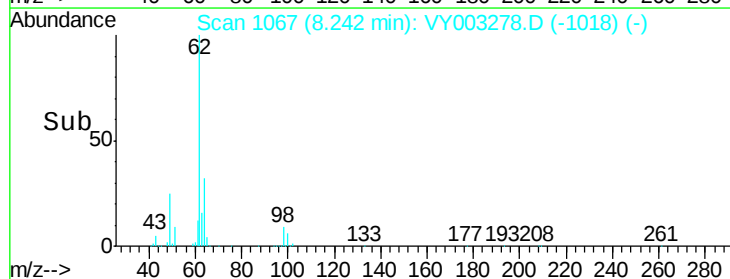
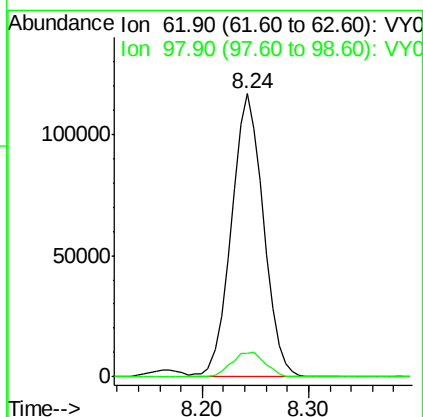
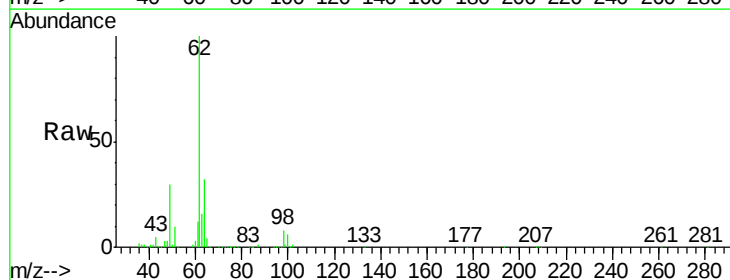
Manual Integrations
APPROVED

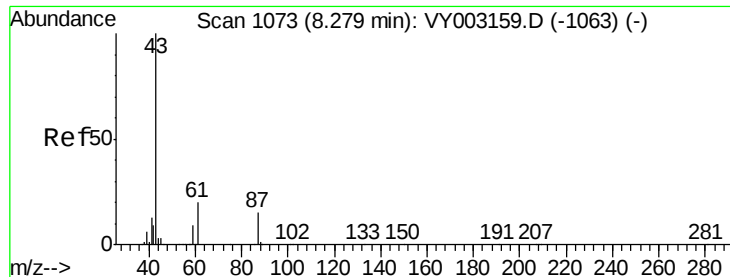
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#42
1,2-Dichloroethane
Concen: 49.456 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0





#43

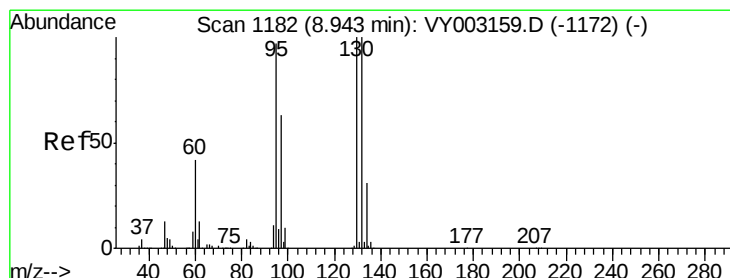
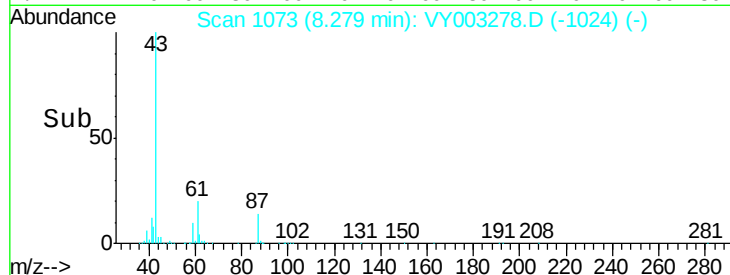
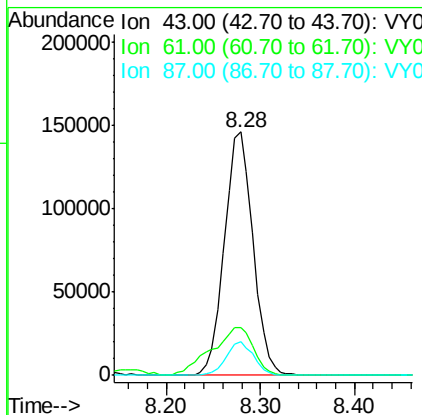
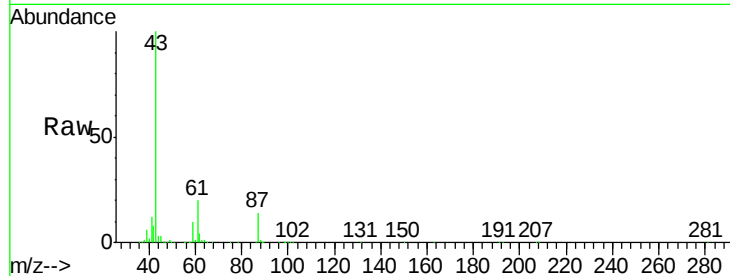
Isopropyl Acetate
 Concen: 50.258 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.8	23.7	35.5
87	13.5	11.4	17.0

Manual Integrations
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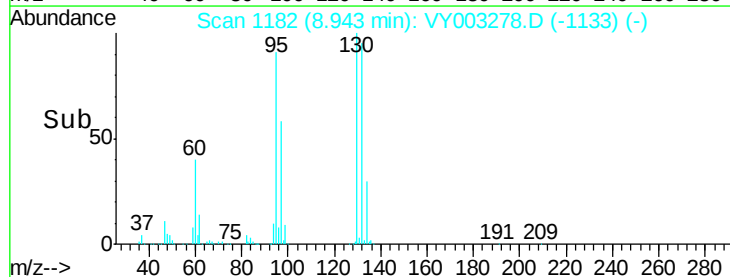
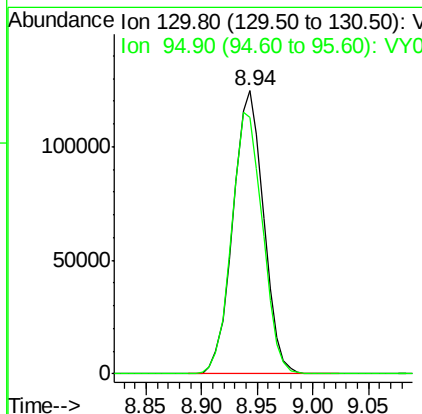
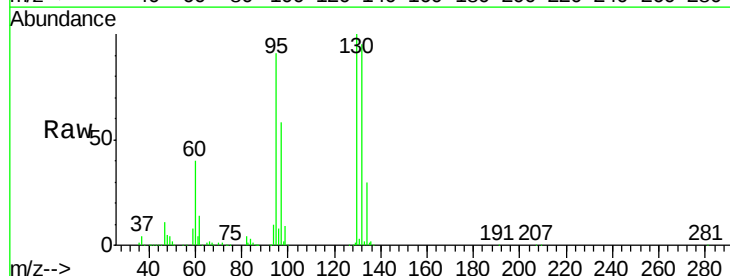
MMDadoda
 7/23/2020 12:22:51 PM

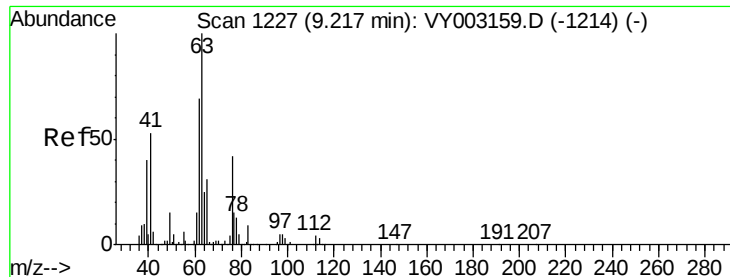


#44

Trichloroethene
 Concen: 48.072 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	193.8





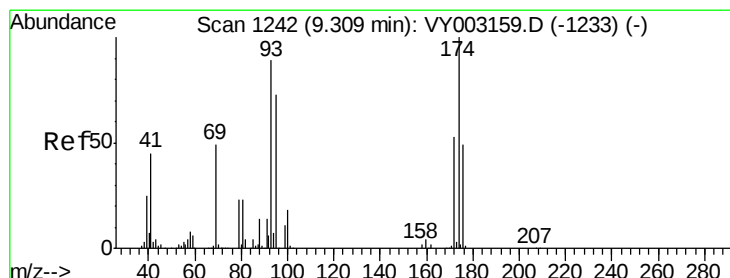
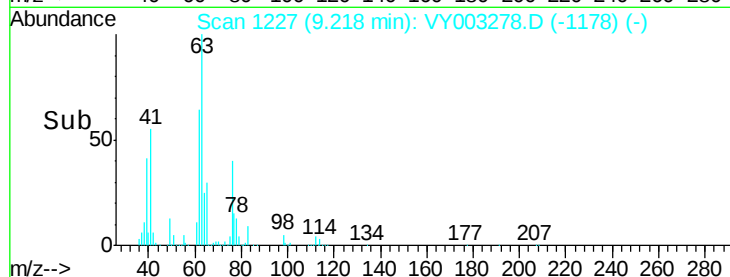
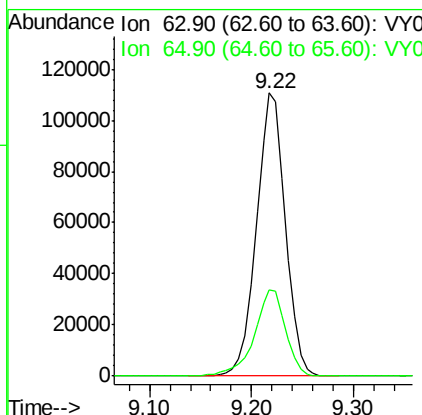
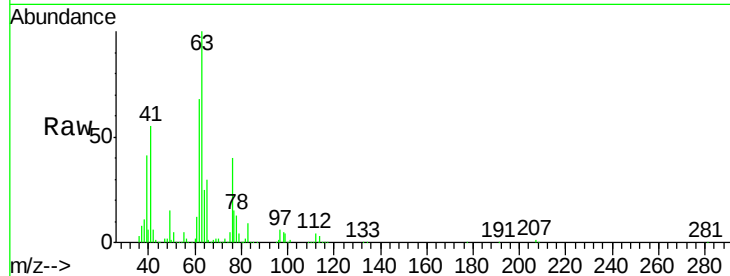
#45
 1,2-Dichloropropane
 Concen: 52.252 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.0	37.4

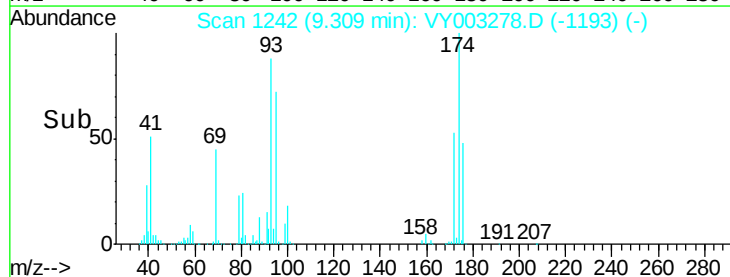
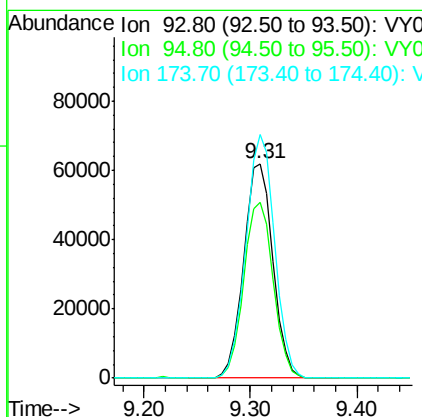
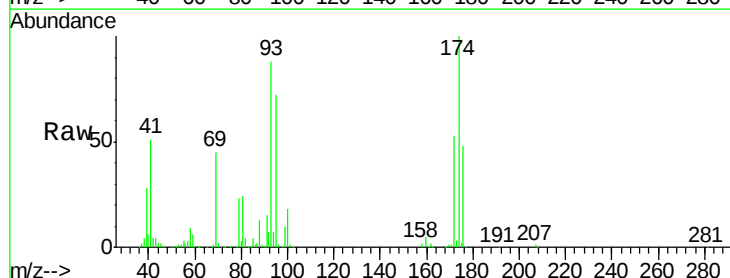
Manual Integrations
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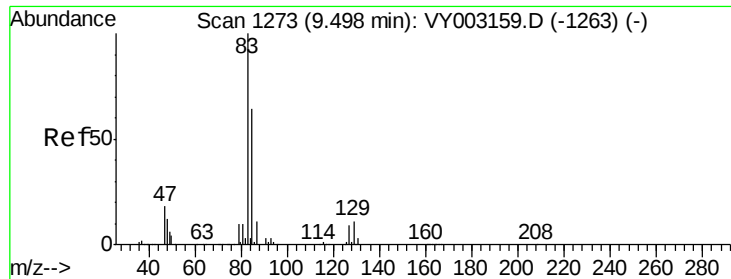
MMDadoda
 7/23/2020 12:22:51 PM



#46
 Dibromomethane
 Concen: 49.178 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	99.8
174	111.7	90.2	135.4





#47

Bromodichloromethane

Concen: 51.157 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

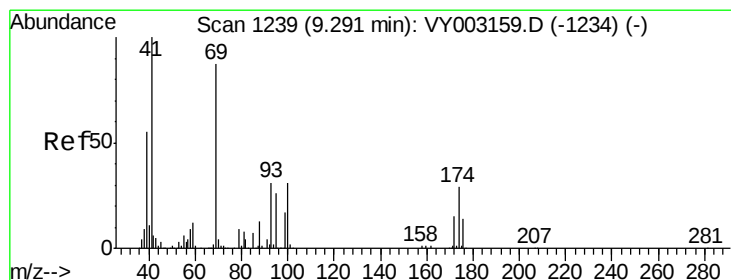
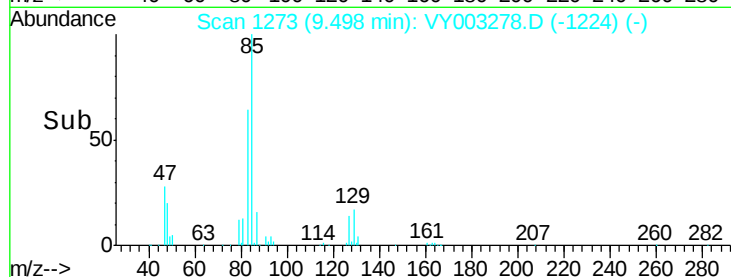
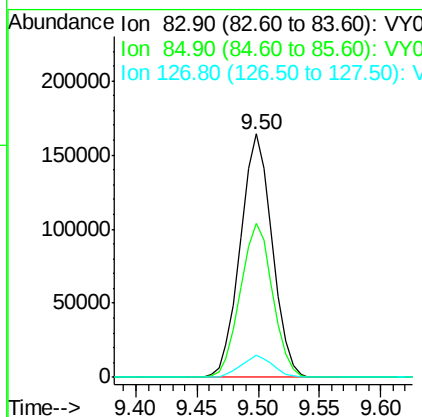
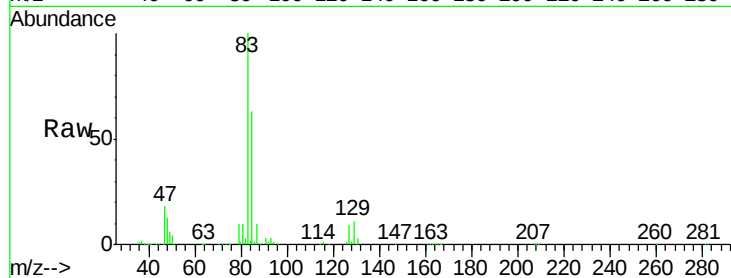
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	296713
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.9	76.3
127	9.1	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.791 ug/l

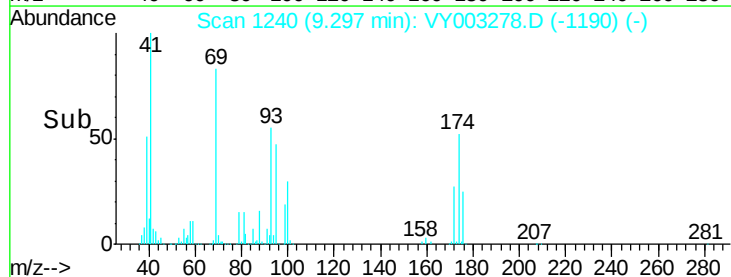
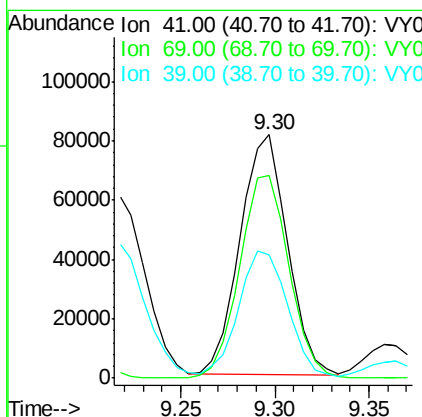
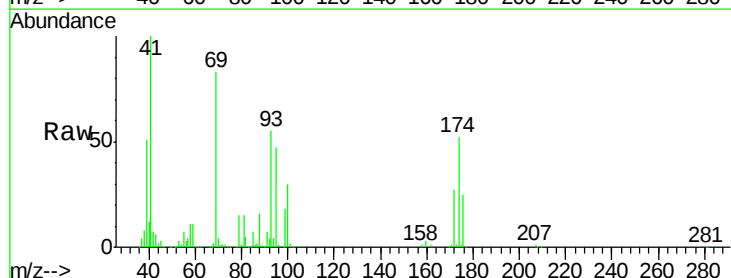
RT: 9.30 min Scan# 1240

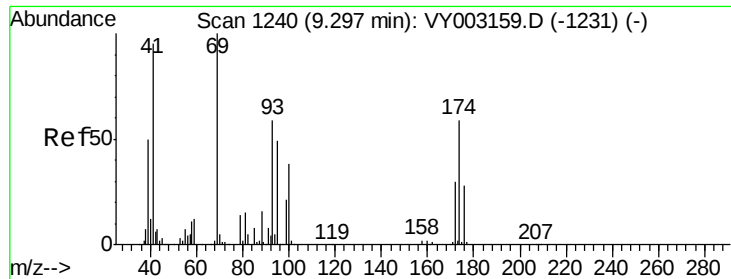
Delta R.T. 0.01 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Tgt Ion:	41	Resp:	141440
Ion	Ratio	Lower	Upper
41	100		
69	88.0	74.5	111.7
39	55.2	47.5	71.3





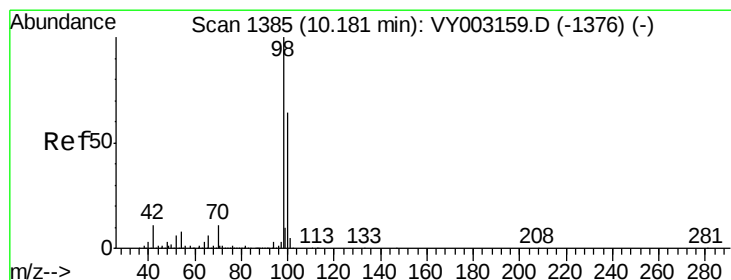
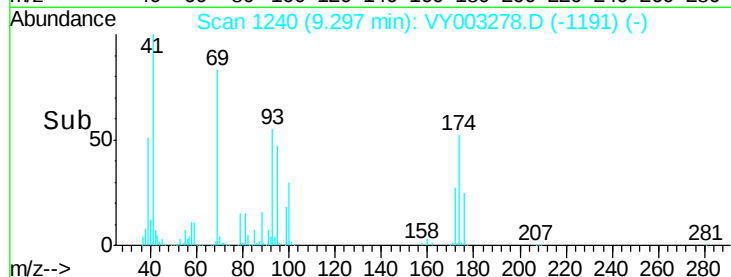
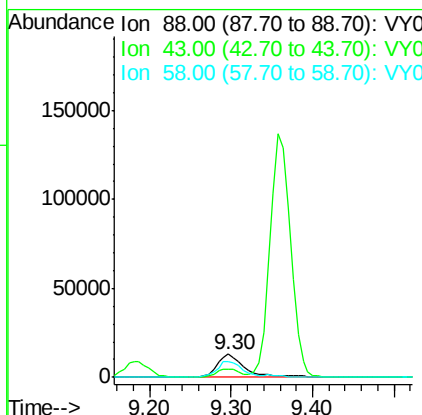
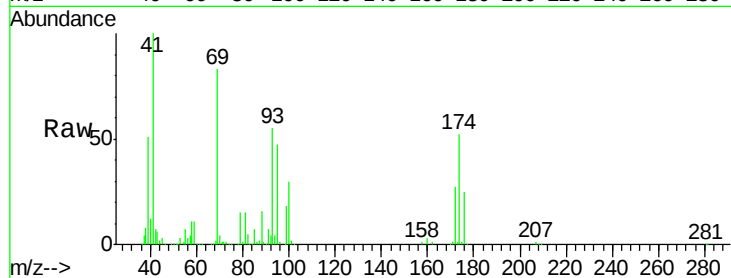
#49
1,4-Dioxane
Concen: 1010.507 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	31276
Ion	Ratio	Lower	Upper
88	100		
43	31.1	25.6	38.4
58	62.4	47.8	71.6

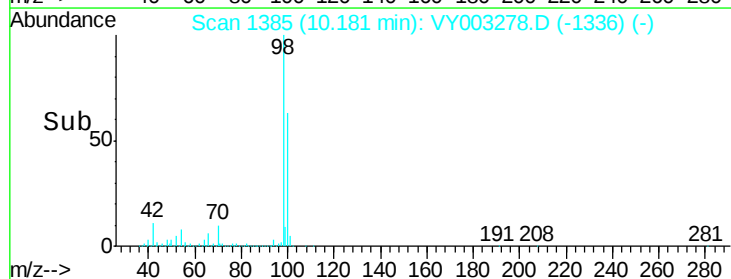
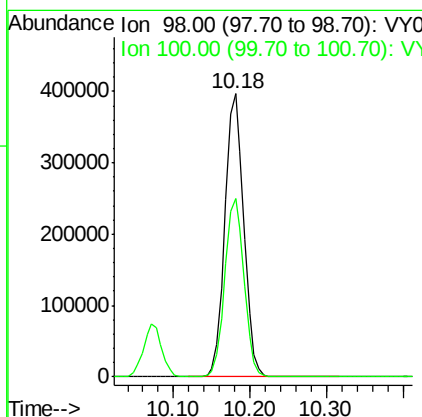
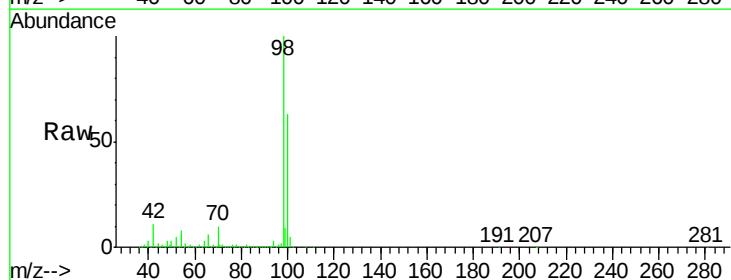
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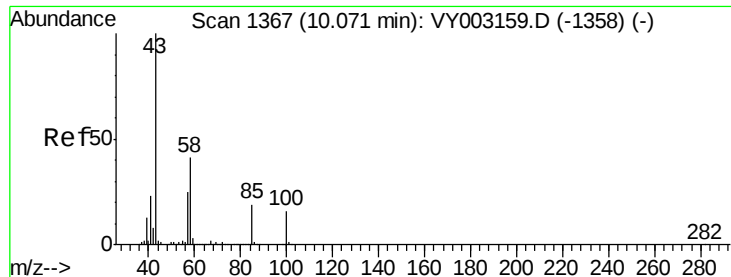
MMDadoda
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#50
Toluene-d8
Concen: 48.833 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	98	Resp	675571
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 251.518 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 798613

Ion Ratio Lower Upper

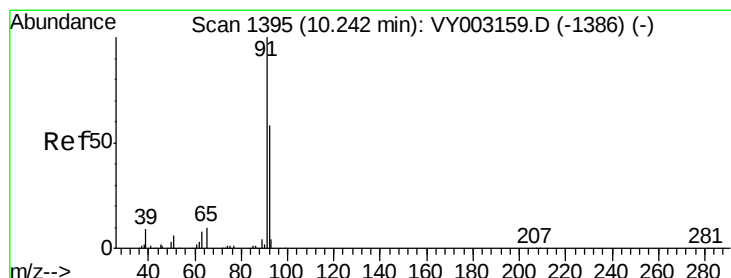
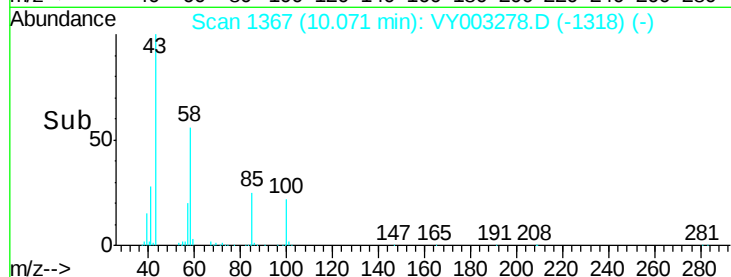
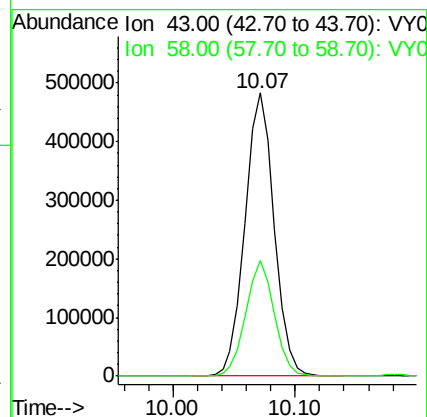
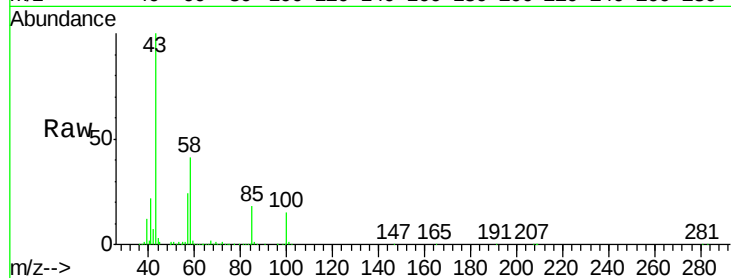
43 100

58 39.8 32.7 49.1

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#52

Toluene

Concen: 50.777 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003278.D

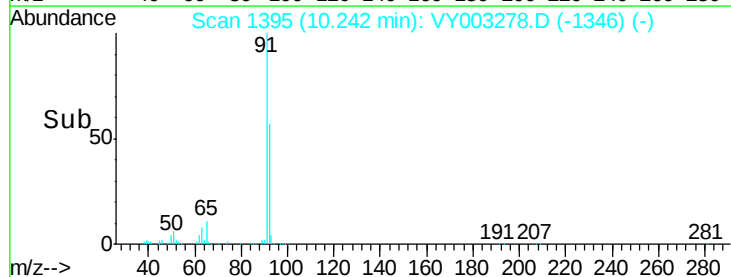
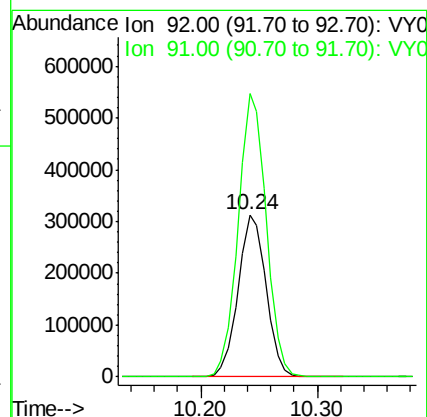
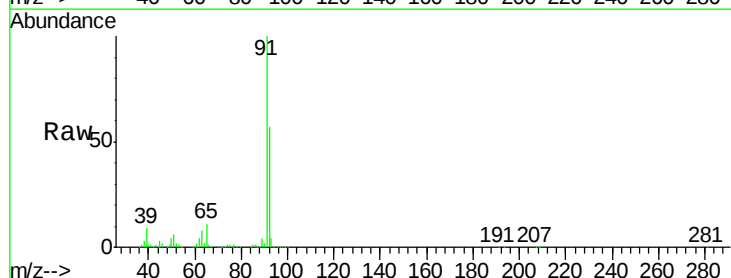
Acq: 22 Jul 2020 10:48

Tgt Ion: 92 Resp: 523708

Ion Ratio Lower Upper

92 100

91 175.0 139.7 209.5





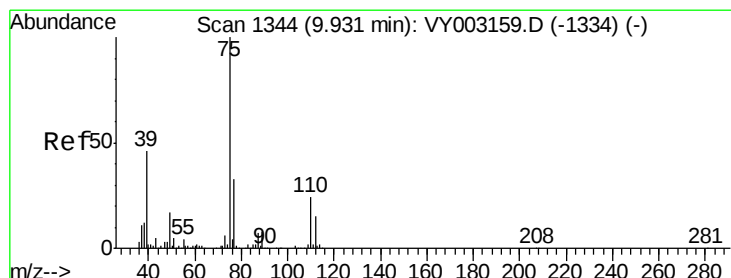
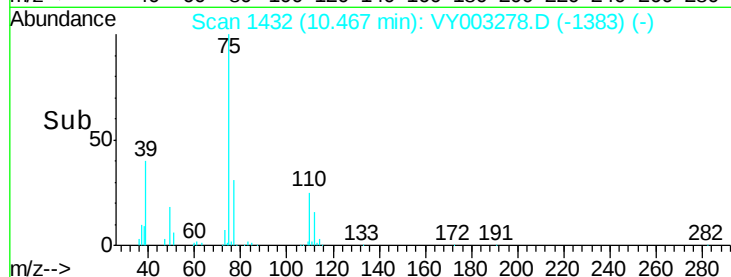
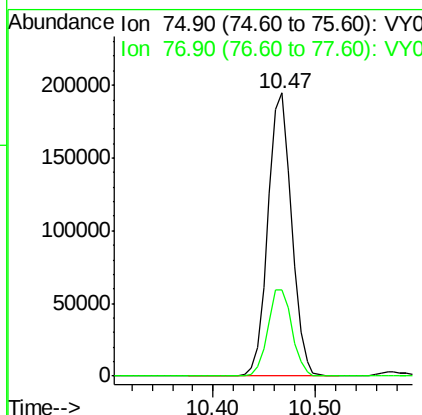
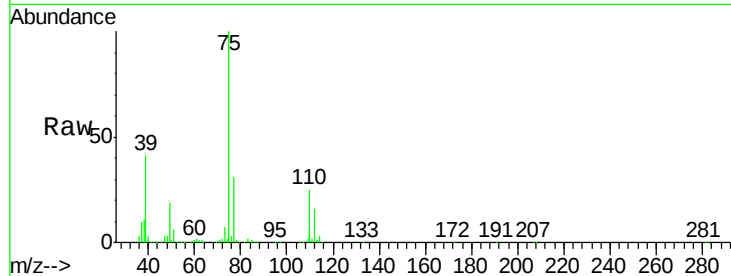
#53
t-1,3-Dichloropropene
Concen: 51.768 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 311089
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

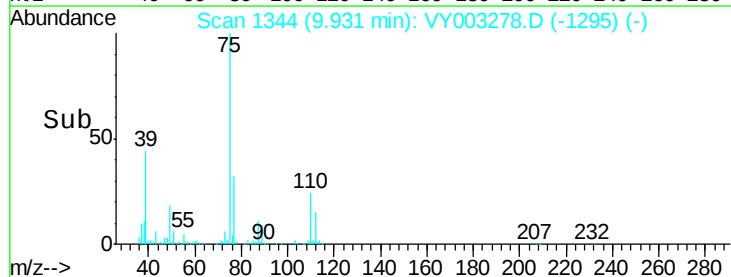
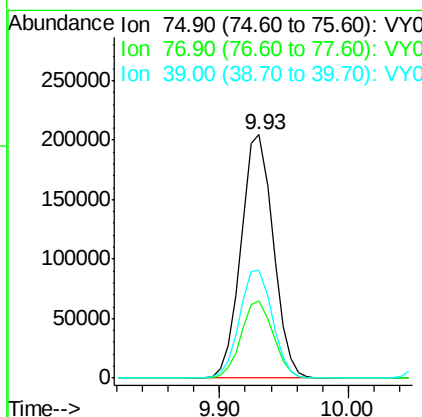
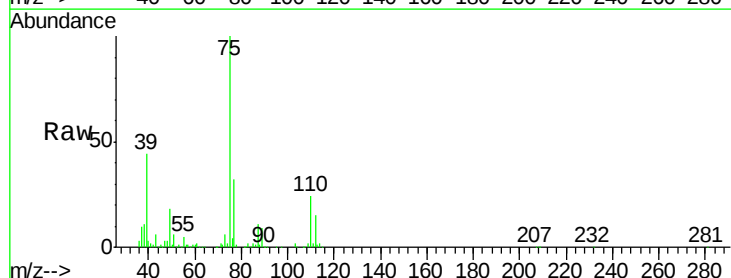
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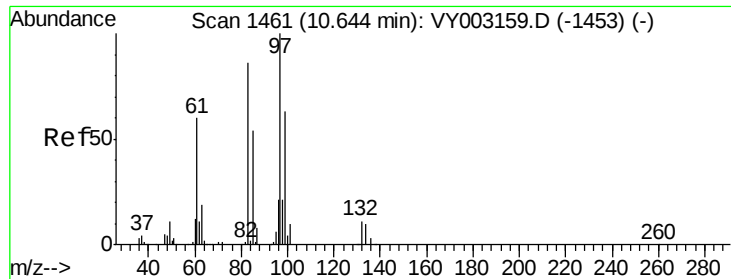
MMDadoda
7/23/2020 12:22:51 PM



#54
cis-1,3-Dichloropropene
Concen: 51.190 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion: 75 Resp: 354435
Ion Ratio Lower Upper
75 100
77 31.6 26.7 40.1
39 44.4 37.0 55.6





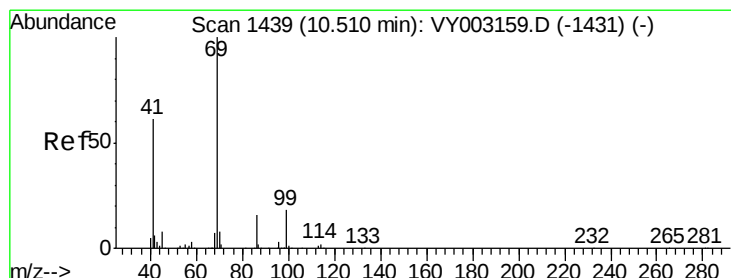
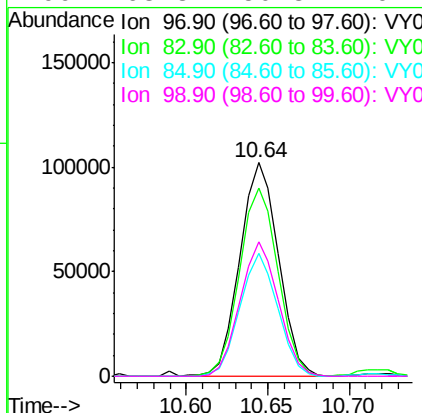
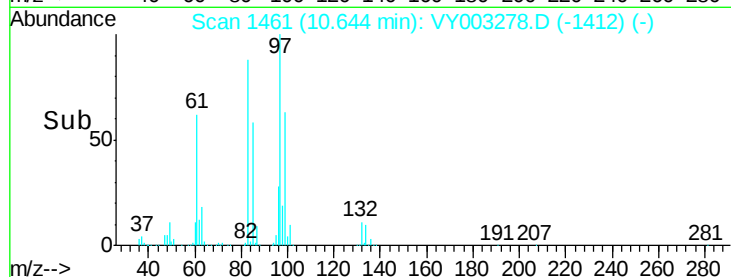
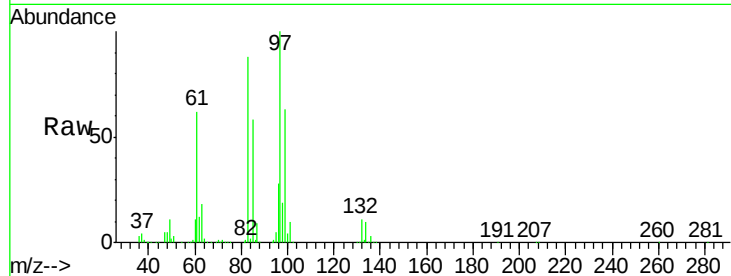
#55
 1,1,2-Trichloroethane
 Concen: 48.582 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	167883
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.8	103.2
85	57.8	43.1	64.7
99	63.3	50.8	76.2

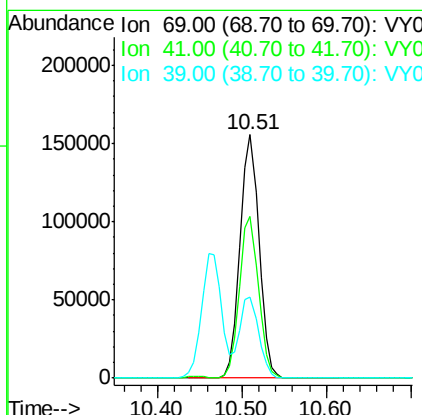
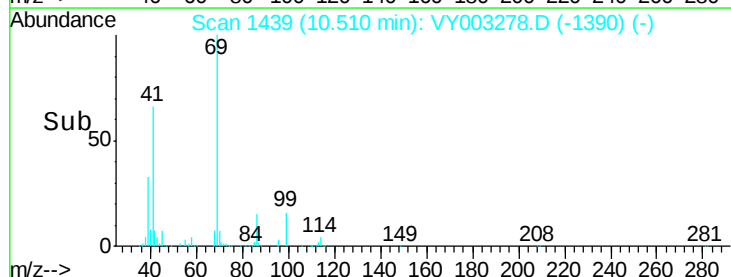
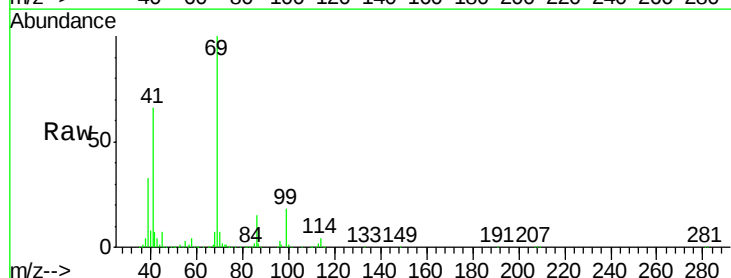
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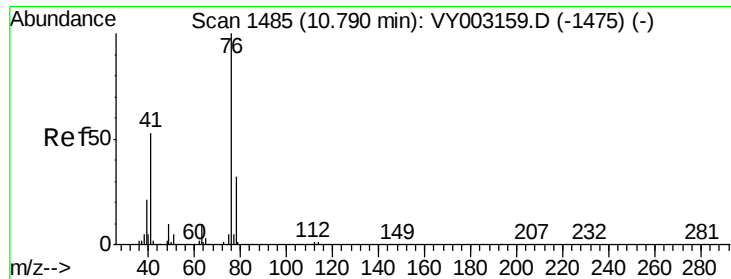
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#56
 Ethyl methacrylate
 Concen: 50.067 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion:	69	Resp:	235223
Ion	Ratio	Lower	Upper
69	100		
41	66.4	50.0	75.0
39	34.1	27.6	41.4





#57

1,3-Dichloropropane

Concen: 50.701 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 297076

Ion Ratio Lower Upper

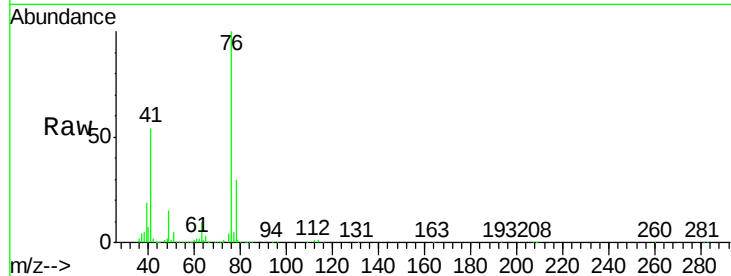
76 100

78 32.0 26.0 39.0

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

200000

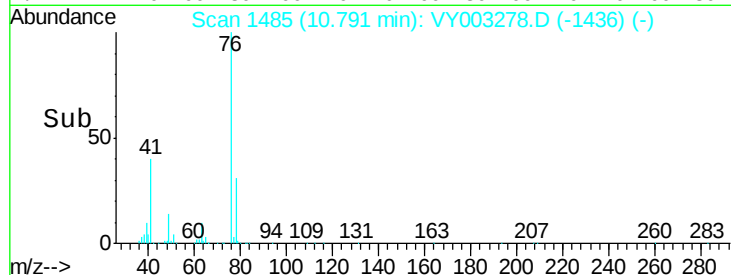
150000

100000

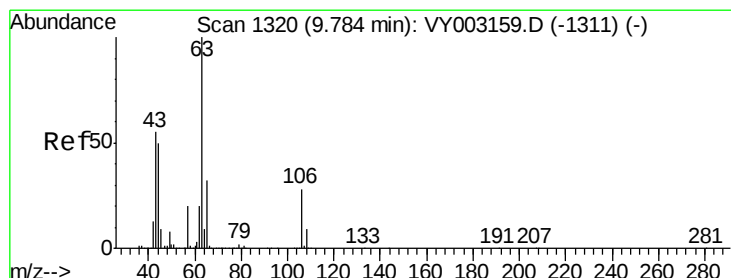
50000

0

Time-->



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 260.382 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003278.D

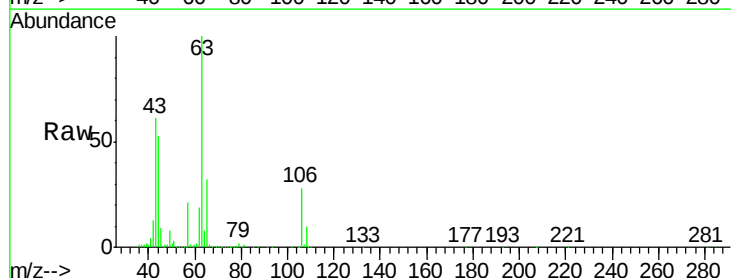
Acq: 22 Jul 2020 10:48

Tgt Ion: 63 Resp: 623890

Ion Ratio Lower Upper

63 100

106 27.7 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

400000

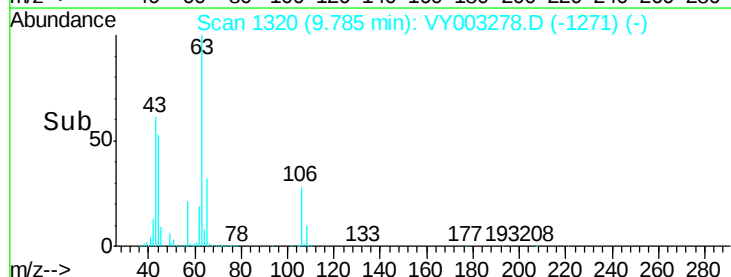
300000

200000

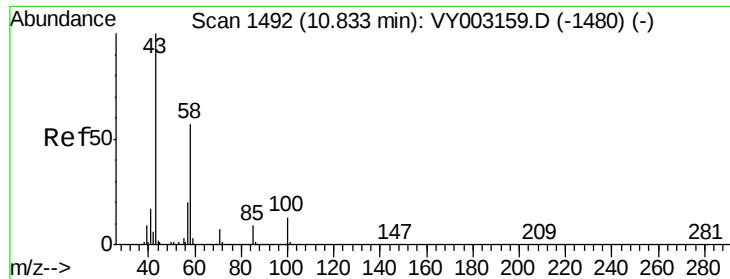
100000

0

Time-->



Time-->



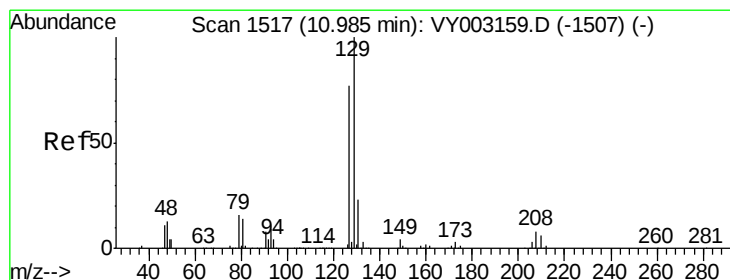
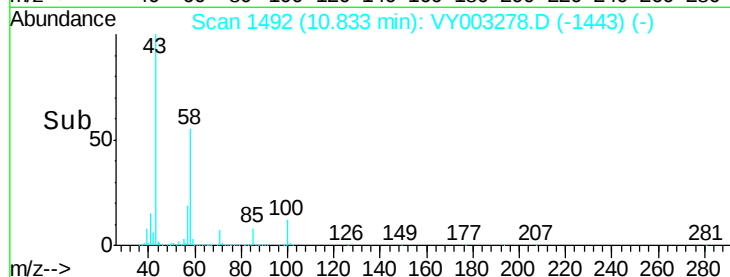
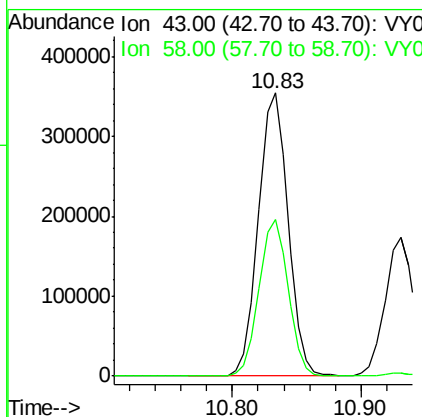
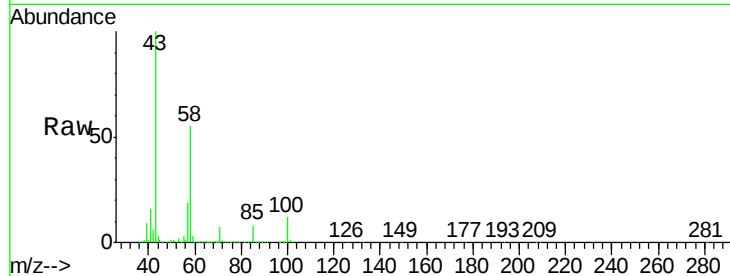
#59
2-Hexanone
Concen: 254.328 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 563719
Ion Ratio Lower Upper
43 100
58 54.7 28.3 85.0

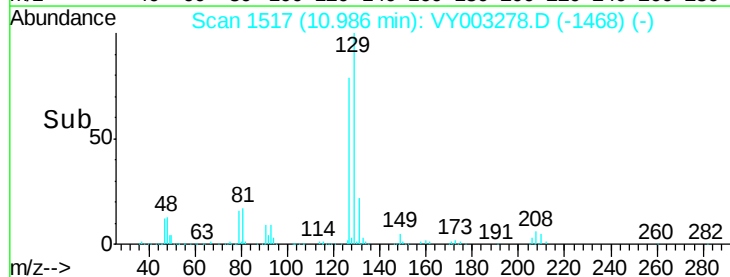
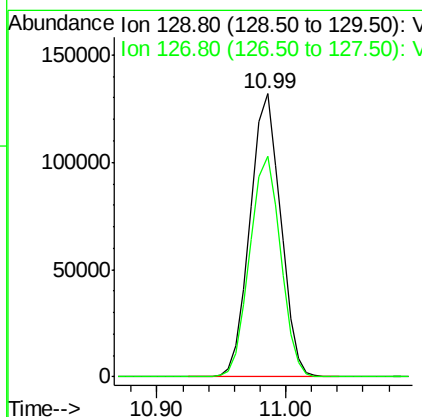
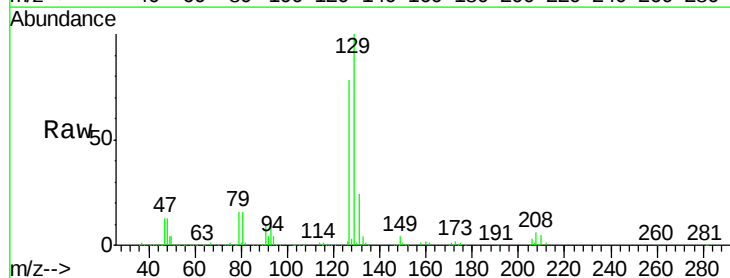
Manual Integrations
APPROVED

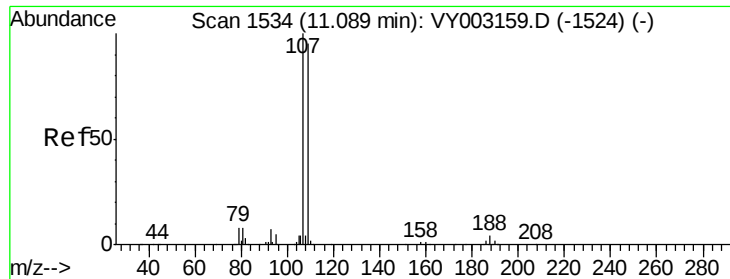
MMDadoda
7/23/2020 12:22:51 PM



#60
Dibromochloromethane
Concen: 49.724 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion: 129 Resp: 216123
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5





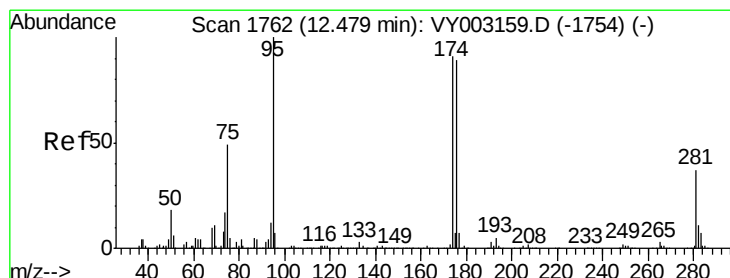
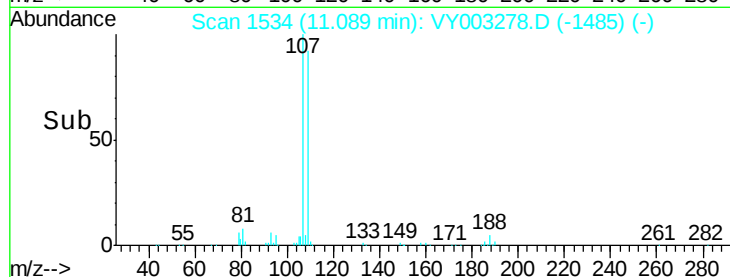
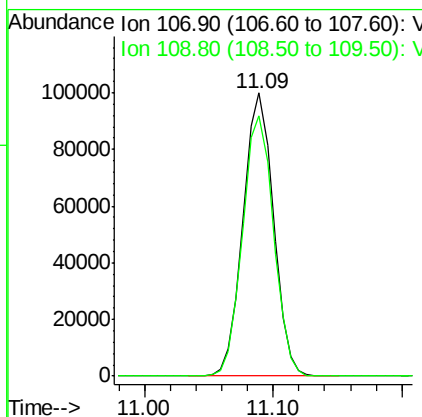
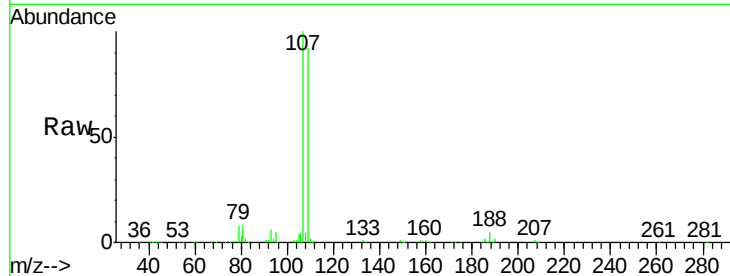
#61
 1,2-Dibromoethane
 Concen: 47.757 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.6	113.4

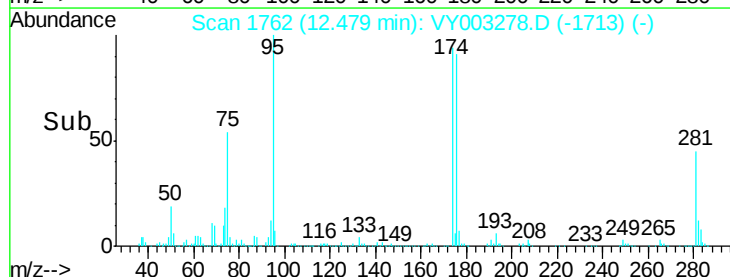
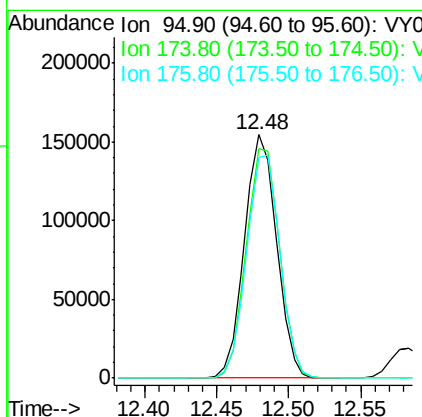
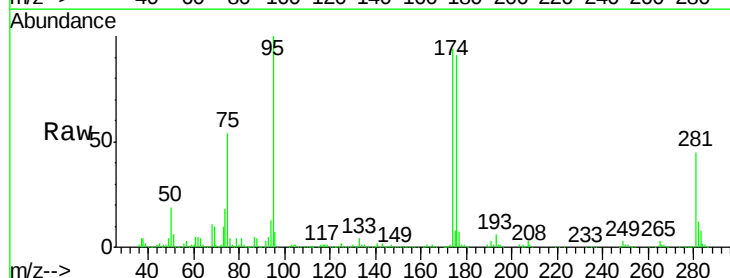
Manual Integrations
 APPROVED

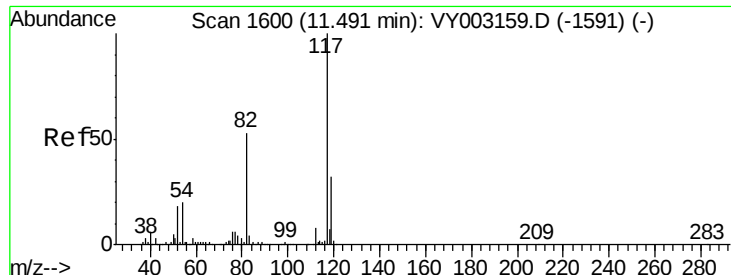
MMDadoda
 7/23/2020 12:22:51 PM



#62
 4-Bromofluorobenzene
 Concen: 47.809 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.8	0.0	190.6
176	95.0	0.0	186.4





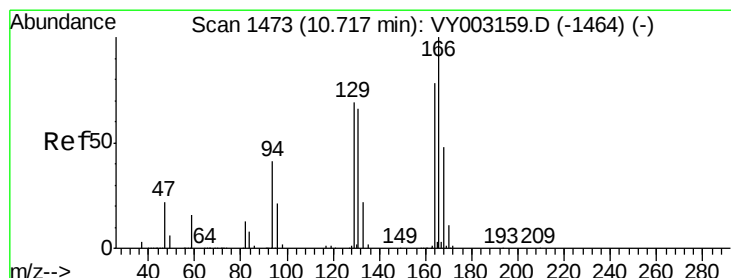
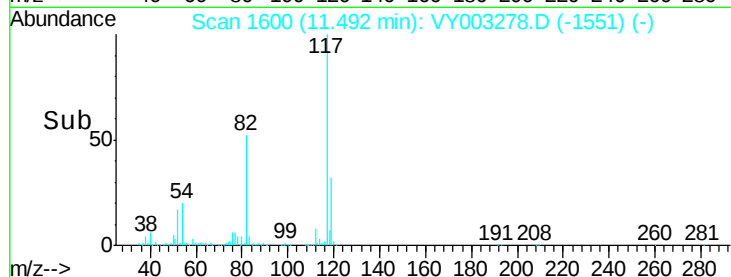
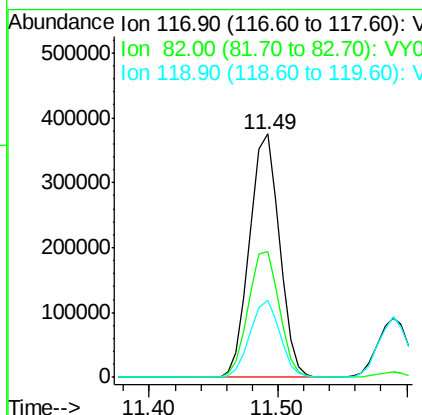
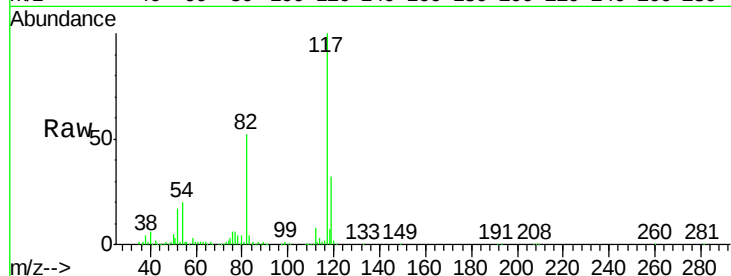
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	601693		
82	51.7		42.0	63.0
119	31.7		25.5	38.3

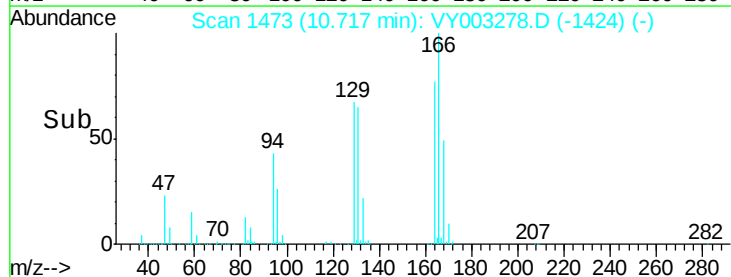
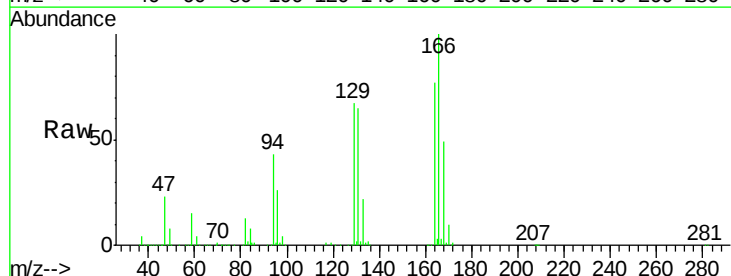
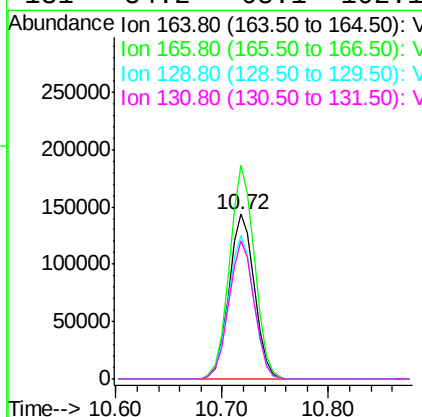
Manual Integrations
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#64
Tetrachloroethene
Concen: 44.925 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	241019		
166	129.5		102.9	154.3
129	87.0		71.4	107.2
131	84.2		68.1	102.1





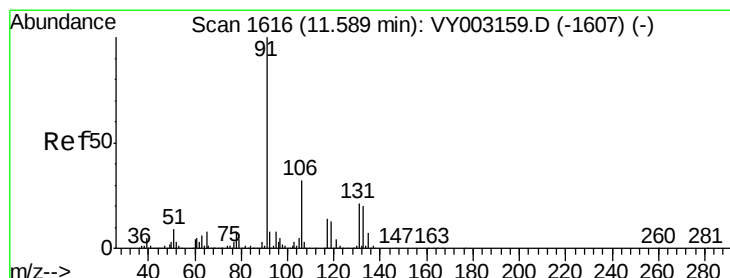
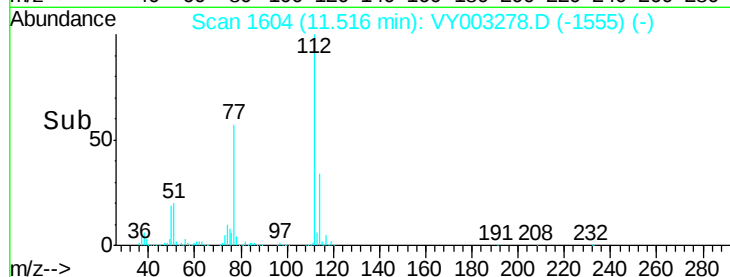
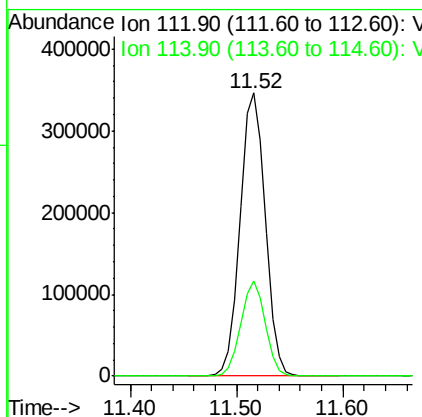
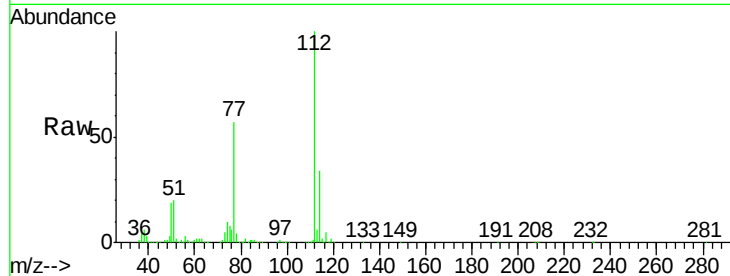
#65
Chlorobenzene
Concen: 49.707 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 576164
Ion Ratio Lower Upper
112 100
114 33.6 24.7 37.1

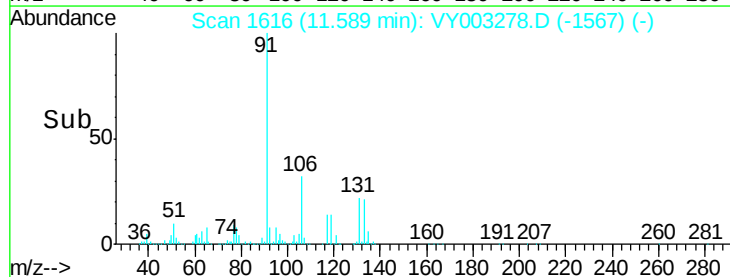
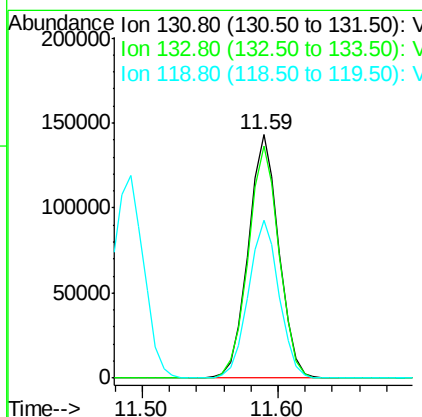
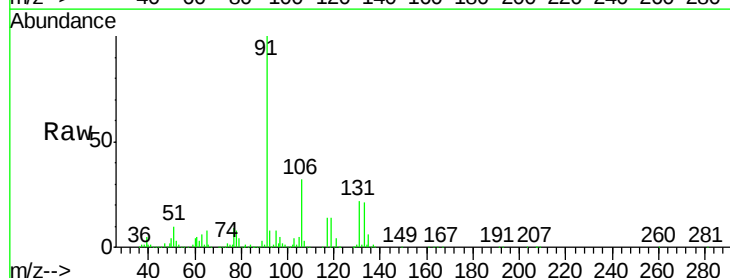
Manual Integrations
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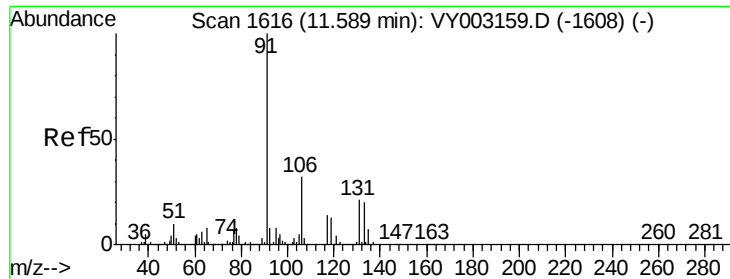
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.971 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion:131 Resp: 224967
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.0
119 65.0 32.4 97.0





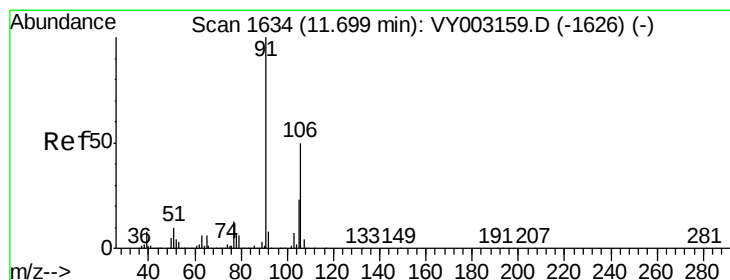
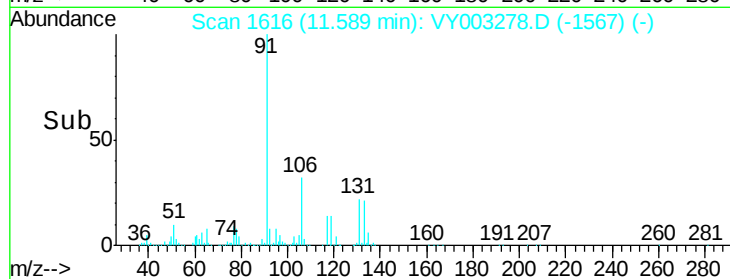
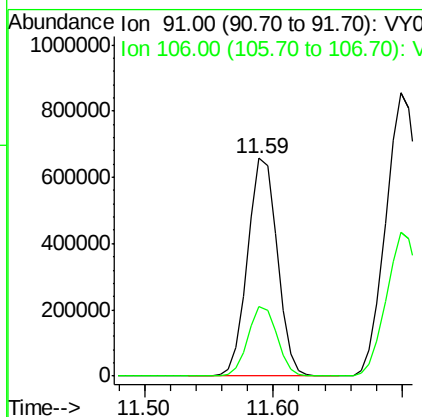
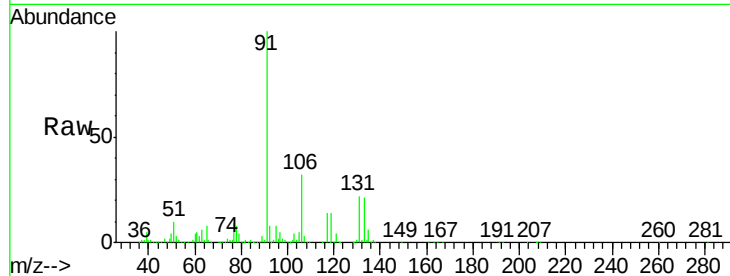
#67
Ethyl Benzene
Concen: 50.326 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1041553
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

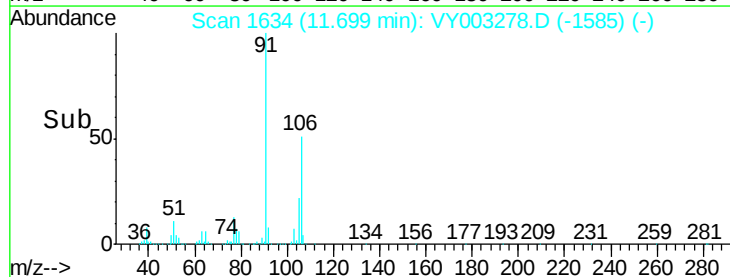
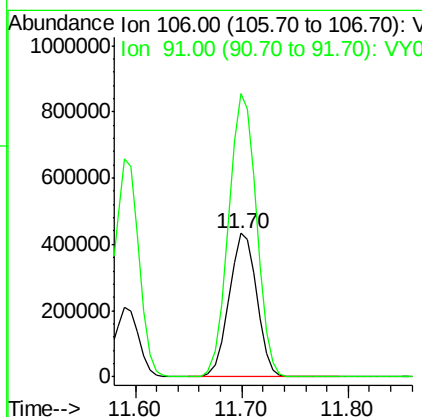
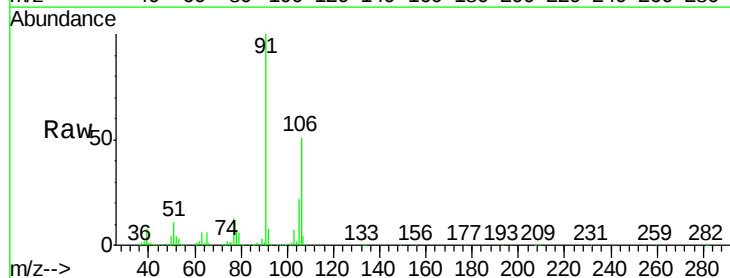
Manual Integrations
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#68
m/p-Xylenes
Concen: 100.842 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion: 106 Resp: 791882
Ion Ratio Lower Upper
106 100
91 198.1 159.0 238.6





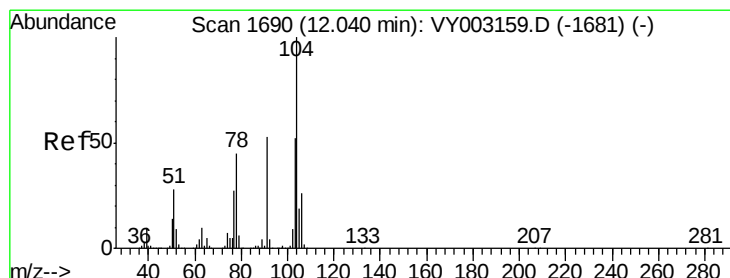
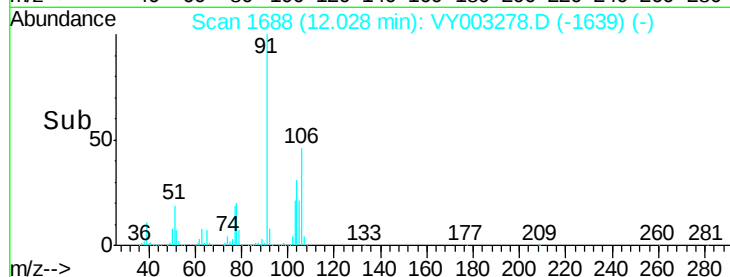
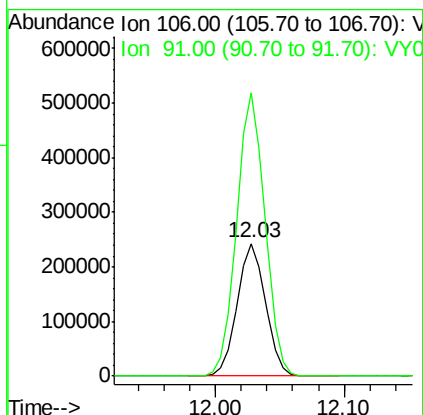
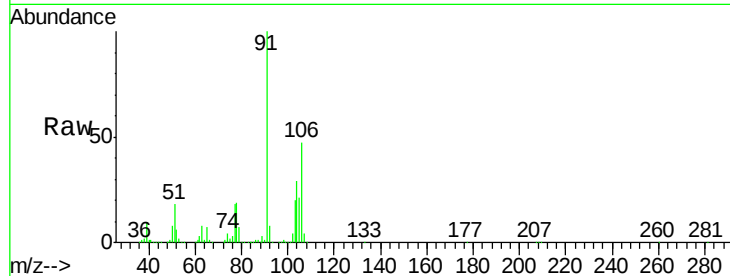
#69
o-Xylene
Concen: 50.508 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 370537
Ion Ratio Lower Upper
106 100
91 212.5 105.1 315.1

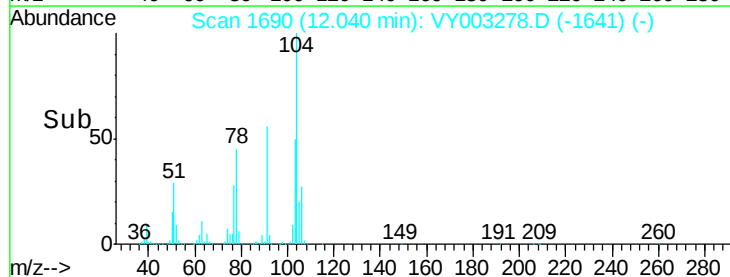
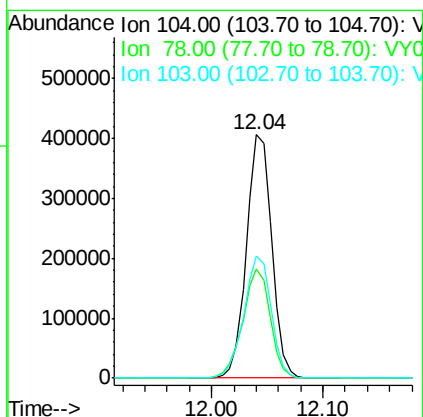
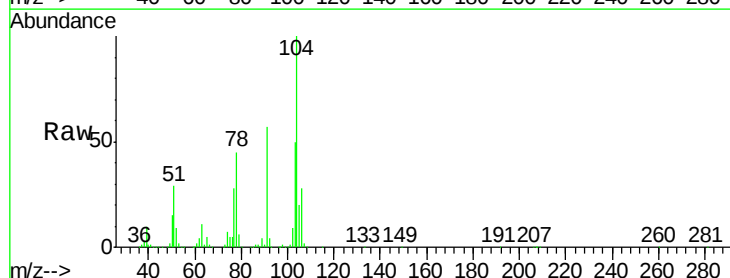
Manual Integrations
APPROVED

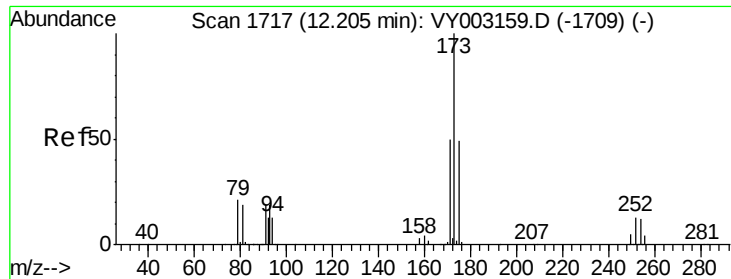
MMDadoda
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#70
Styrene
Concen: 51.172 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion:104 Resp: 642189
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.3 43.9 65.9





#71

Bromoform

Concen: 48.757 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

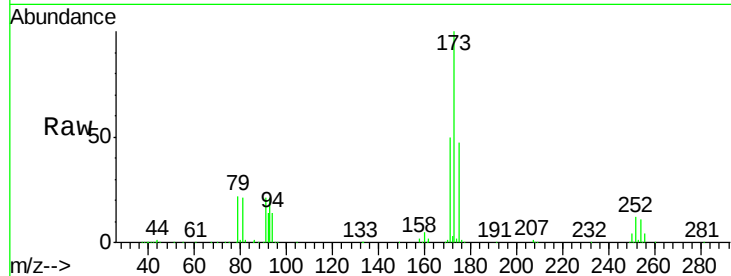
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.3	73.0
254	0.1	0.2	0.2

Manual Integrations
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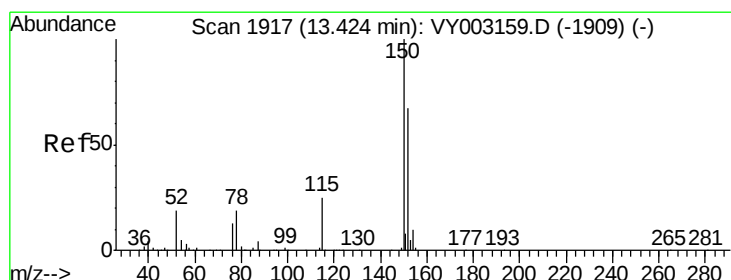
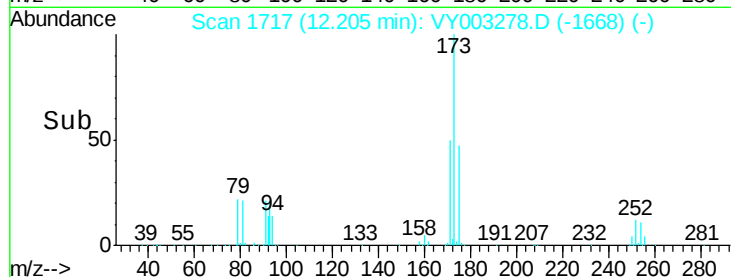
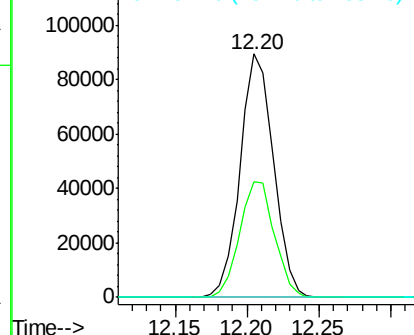


Abundance

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

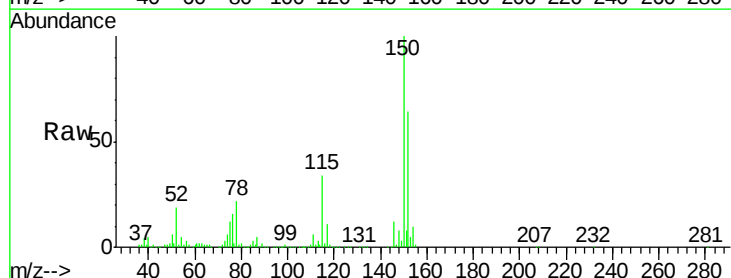
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.9	80.7
150	172.8	0.0	338.0

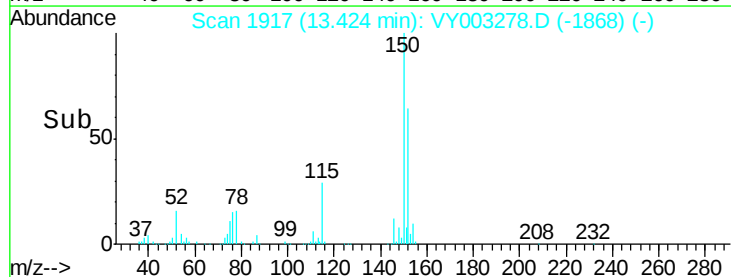
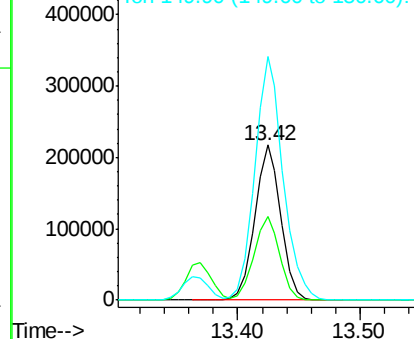


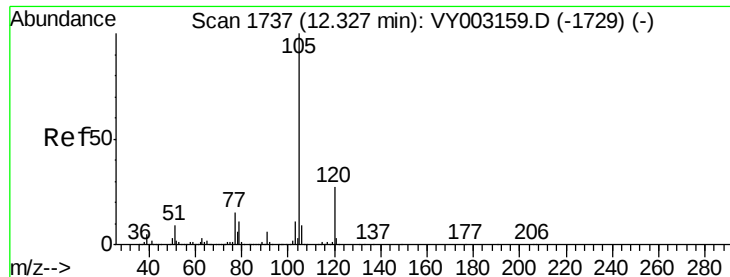
Abundance

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: 50.057 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1014715

Ion Ratio Lower Upper

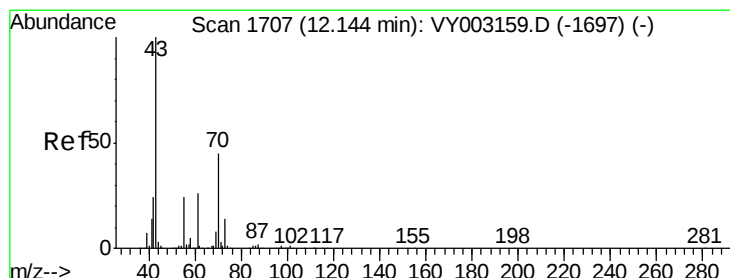
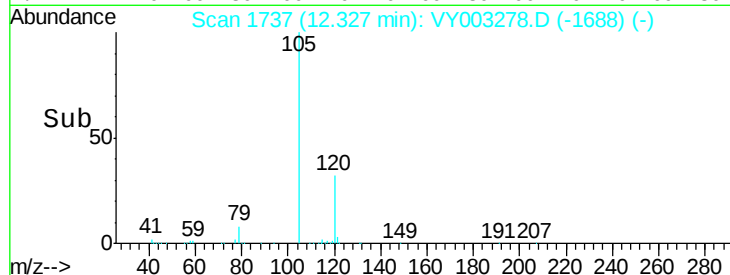
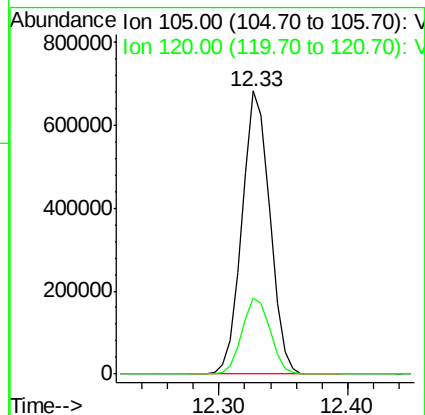
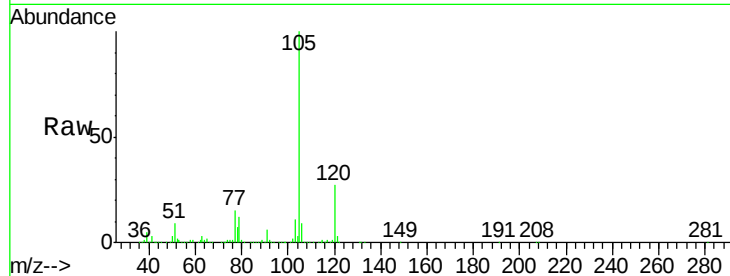
105 100

120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 50.623 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Tgt Ion: 43 Resp: 287937

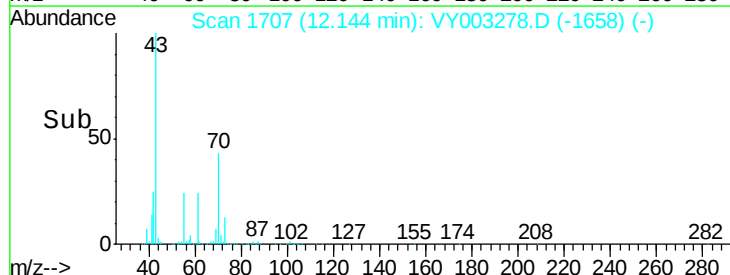
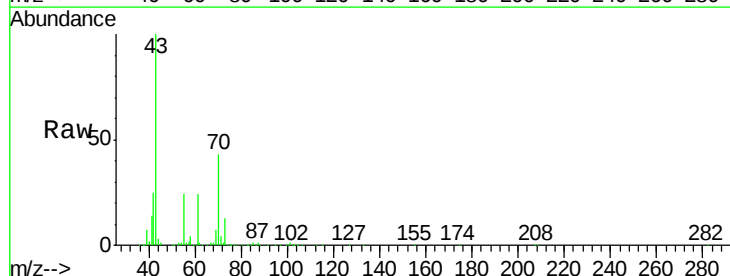
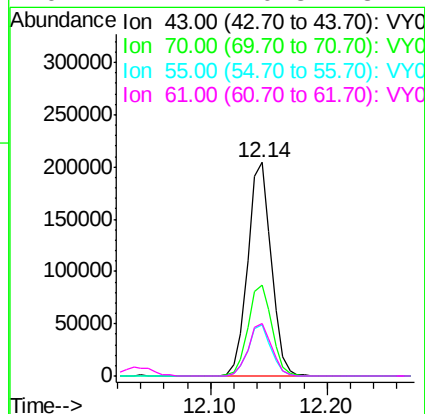
Ion Ratio Lower Upper

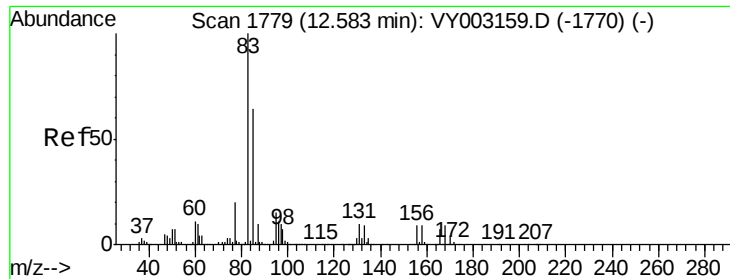
43 100

70 43.2 35.6 53.4

55 24.0 19.4 29.2

61 24.4 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.247 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 192808

Ion Ratio Lower Upper

83 100

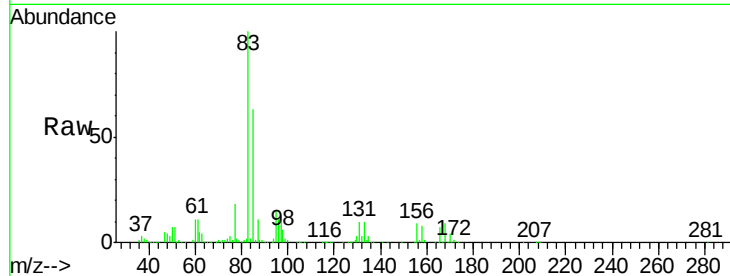
131 10.6 5.2 15.6

85 63.7 32.0 96.0

Manual Integrations
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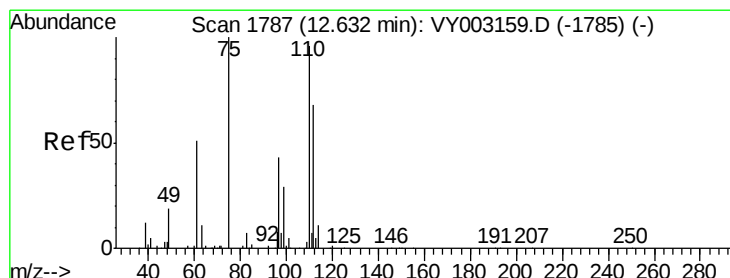
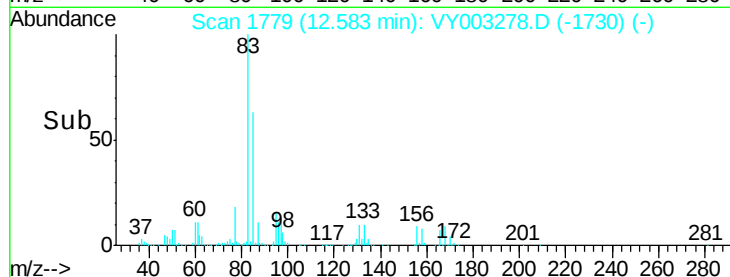
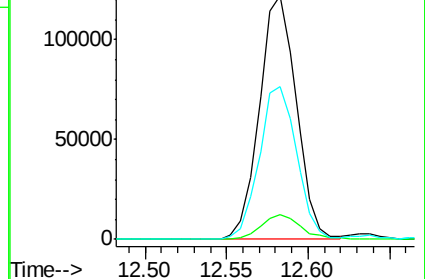
7/23/2020 12:22:51 PM



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 49.094 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003278.D

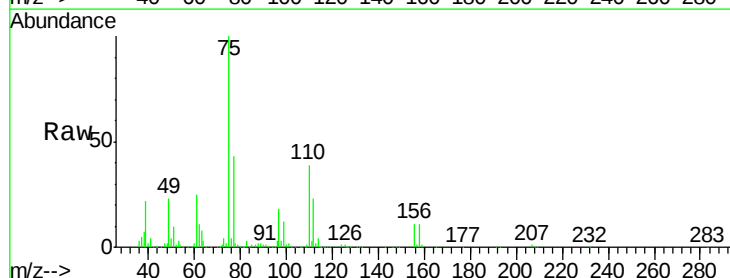
Acq: 22 Jul 2020 10:48

Tgt Ion: 75 Resp: 138234

Ion Ratio Lower Upper

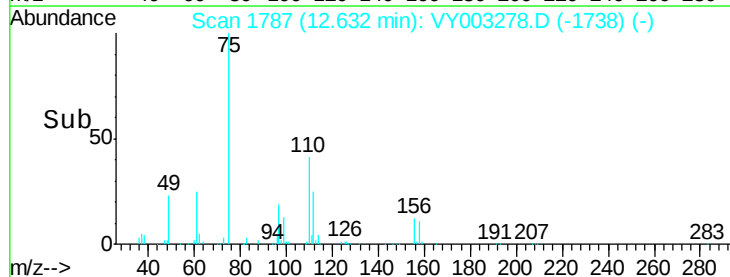
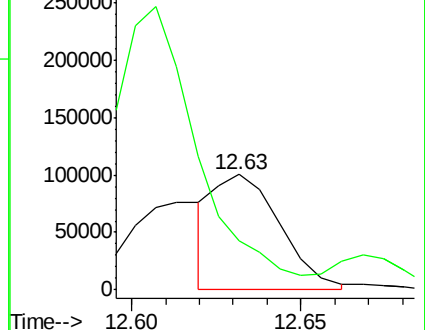
75 100

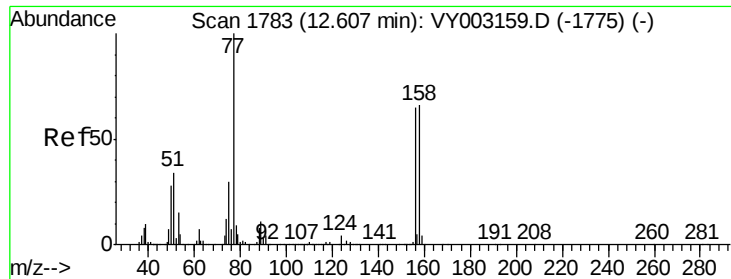
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





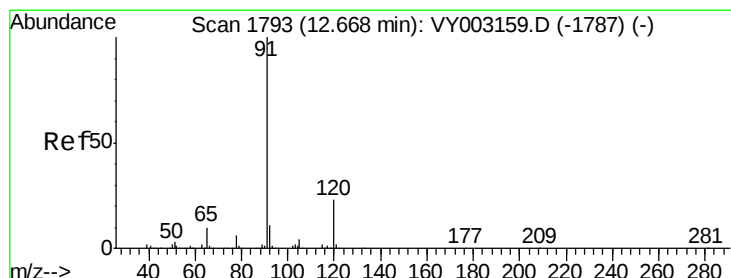
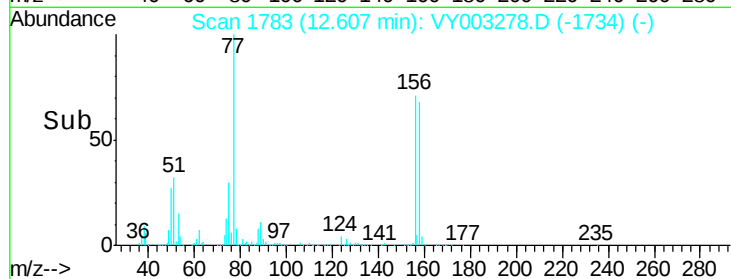
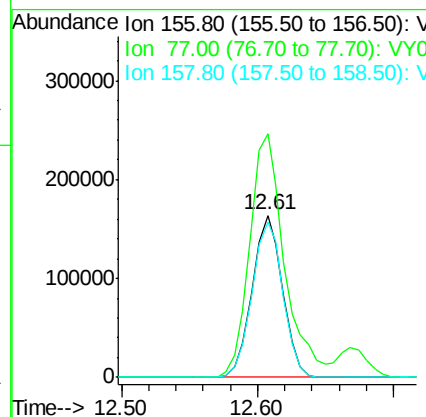
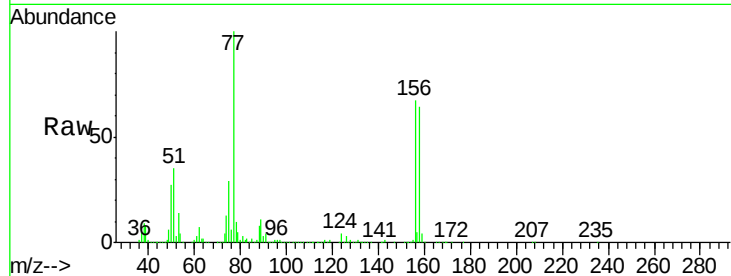
#77
Bromobenzene
Concen: 49.408 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.2	86.6	259.7
158	97.9	49.4	148.0

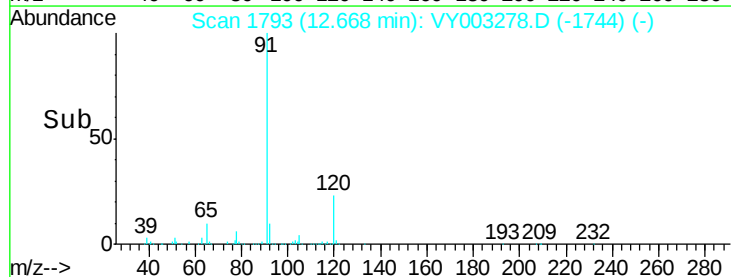
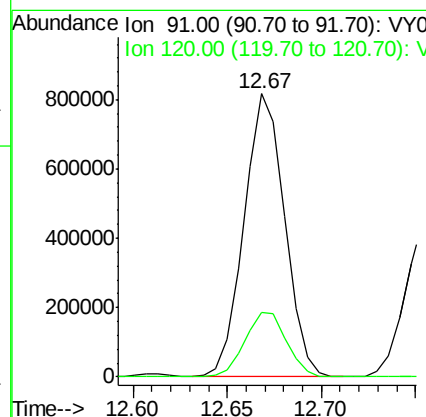
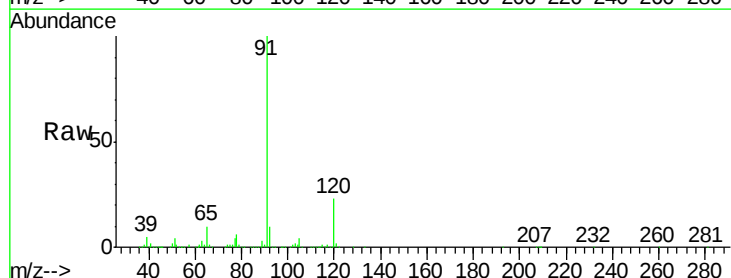
Manual Integrations
APPROVED

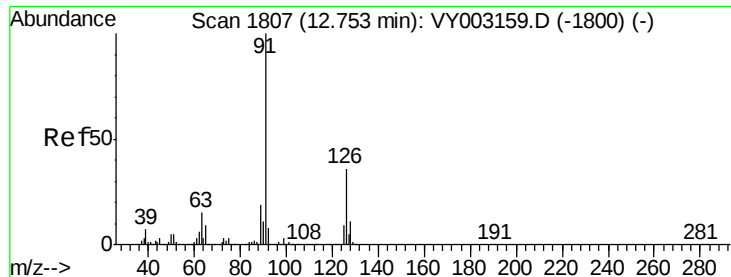
MMDadoda
7/23/2020 12:22:51 PM



#78
n-propylbenzene
Concen: 51.036 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.7	35.1





#79

2-Chlorotoluene

Concen: 50.324 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 670901

Ion Ratio Lower Upper

91 100

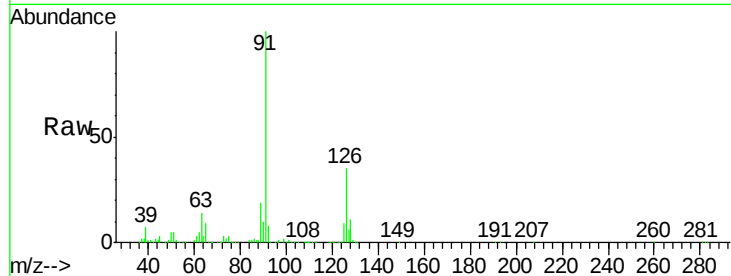
126 36.1 17.6 52.9

Manual Integrations

APPROVED

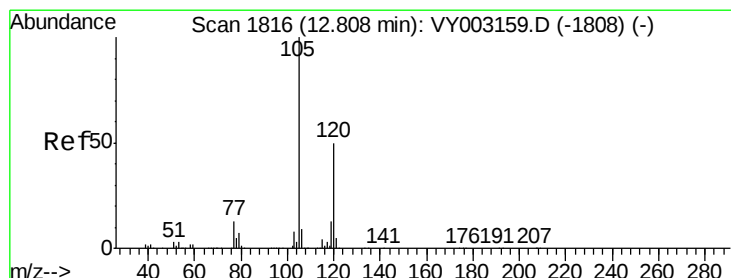
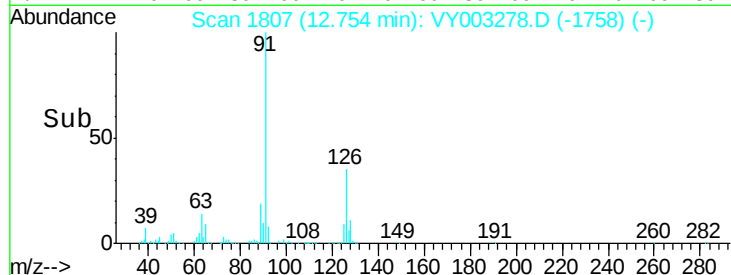
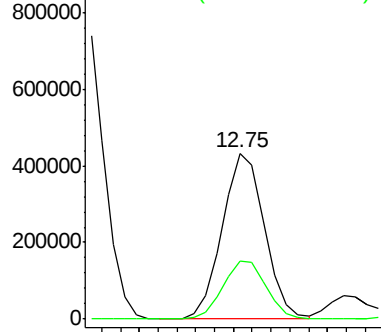
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.704 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003278.D

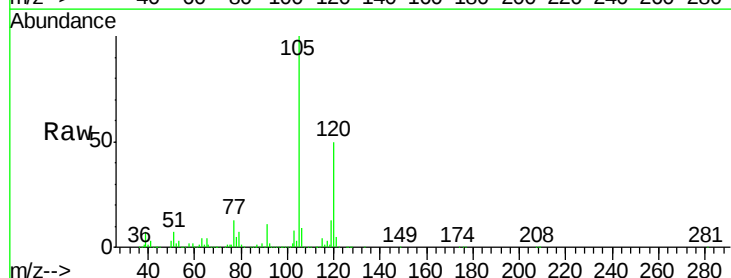
Acq: 22 Jul 2020 10:48

Tgt Ion: 105 Resp: 856652

Ion Ratio Lower Upper

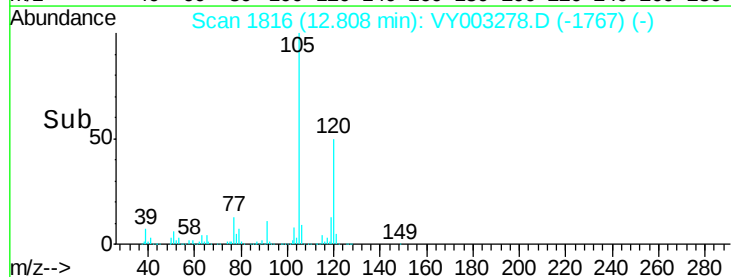
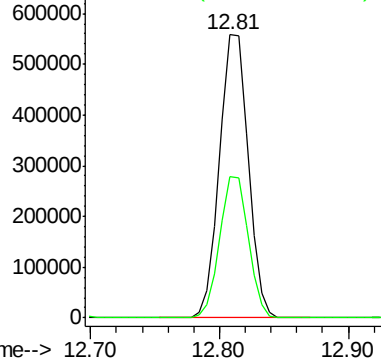
105 100

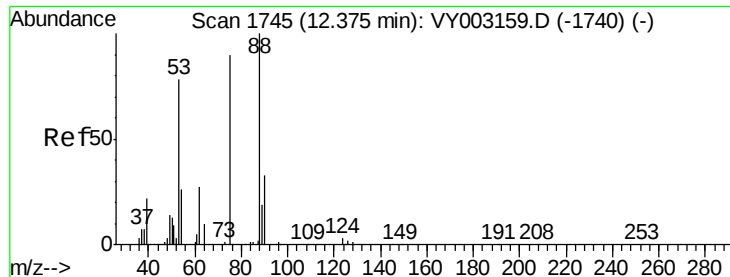
120 49.9 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.351 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 71400

Ion Ratio Lower Upper

75 100

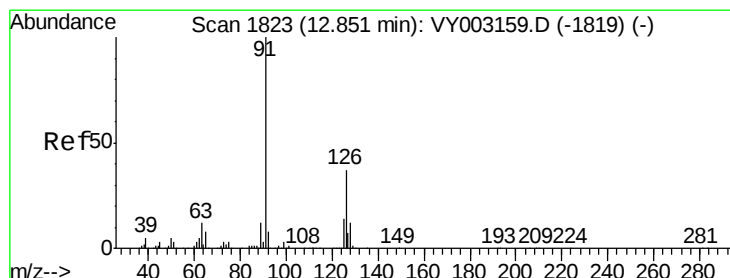
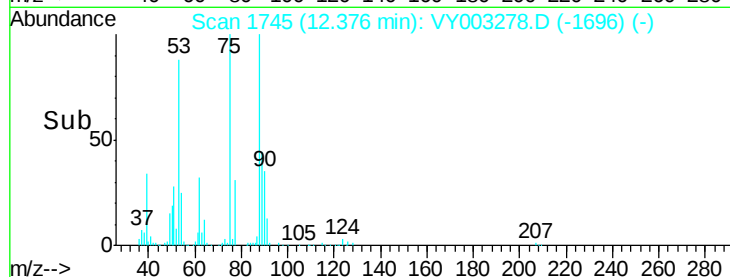
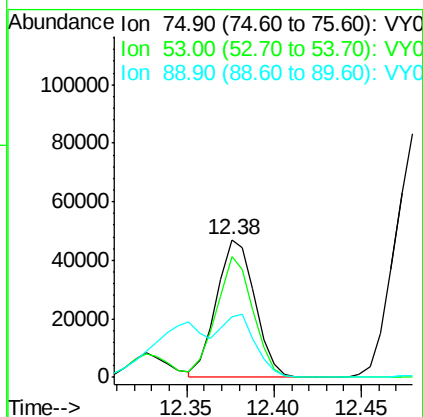
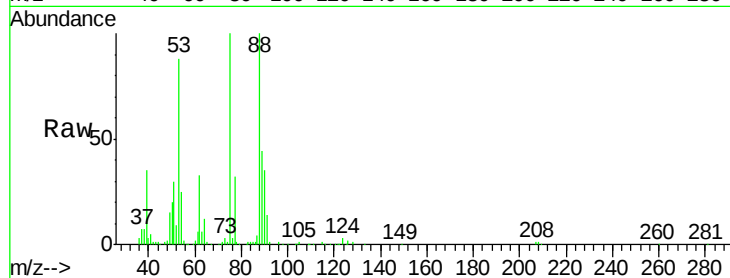
53 84.0 72.0 108.0

89 41.6 37.3 55.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.343 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003278.D

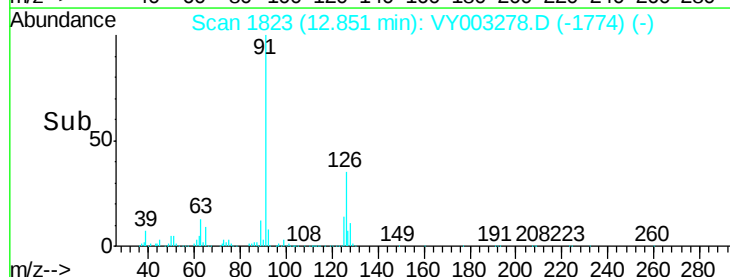
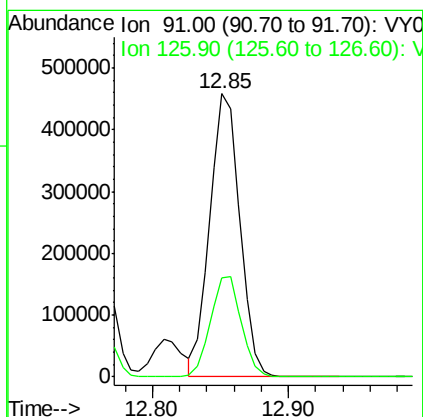
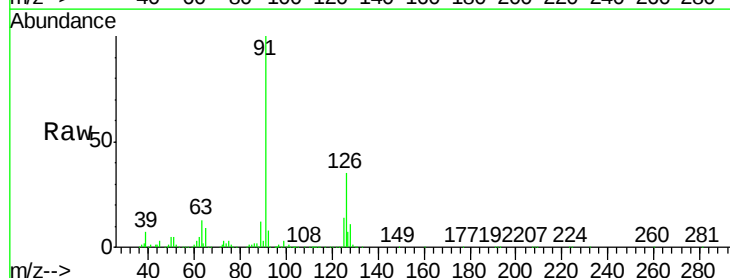
Acq: 22 Jul 2020 10:48

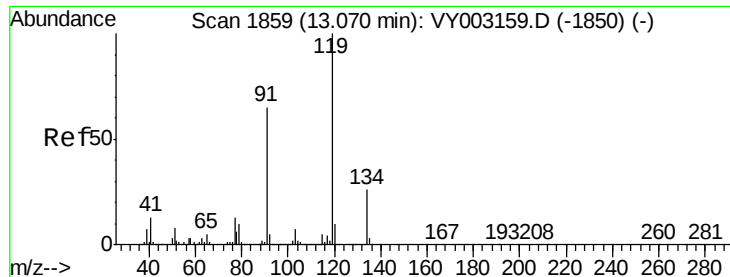
Tgt Ion: 91 Resp: 700523

Ion Ratio Lower Upper

91 100

126 36.2 17.9 53.7





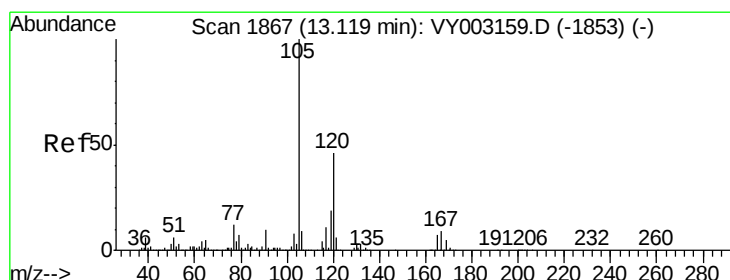
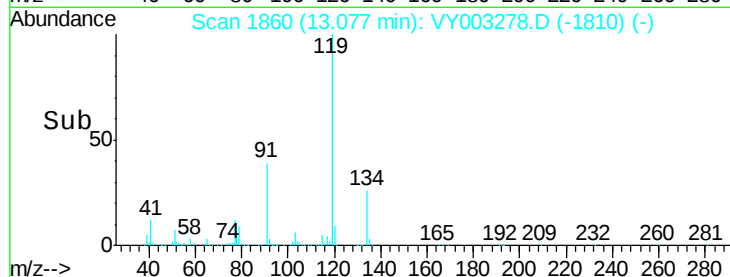
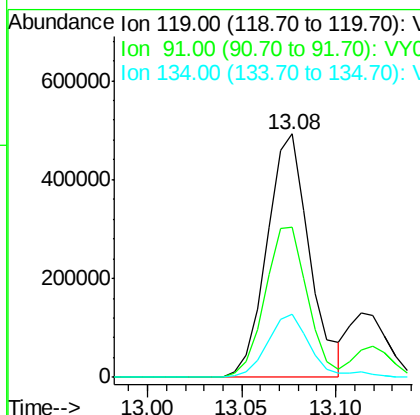
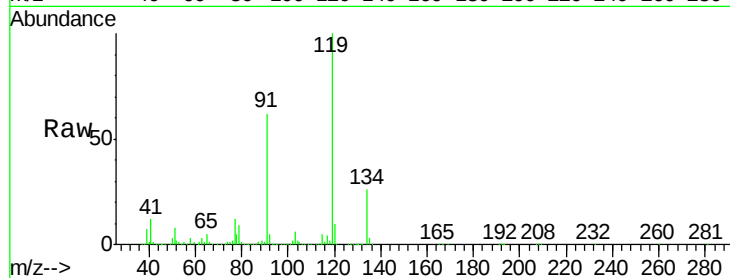
#83
tert-Butylbenzene
Concen: 51.521 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.01 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.7	30.8	92.4
134	26.8	13.2	39.6

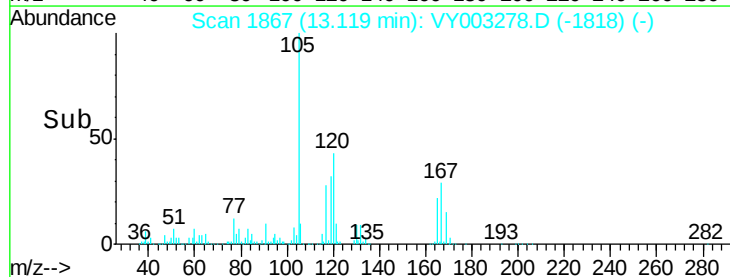
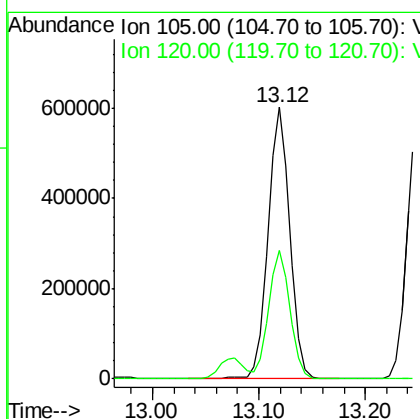
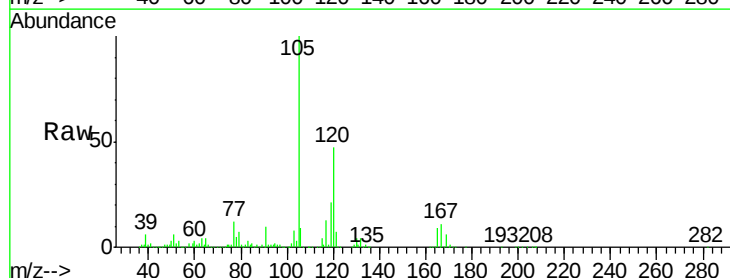
Manual Integrations
APPROVED

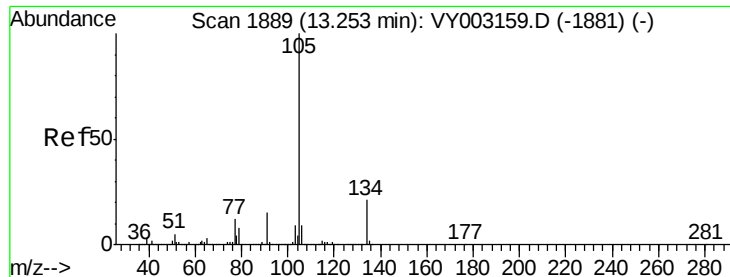
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#84
1,2,4-Trimethylbenzene
Concen: 50.602 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.5	67.5





#85

sec-Butylbenzene

Concen: 51.282 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1050744

Ion Ratio Lower Upper

105 100

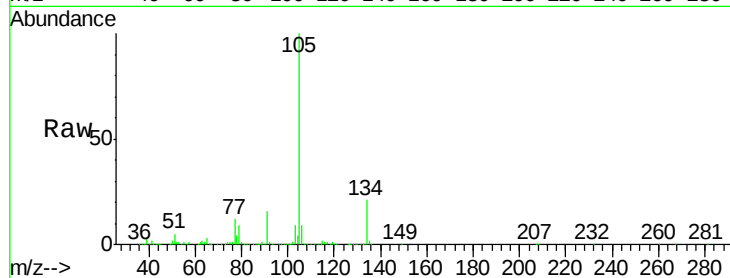
134 20.9 10.4 31.4

Manual Integrations

APPROVED

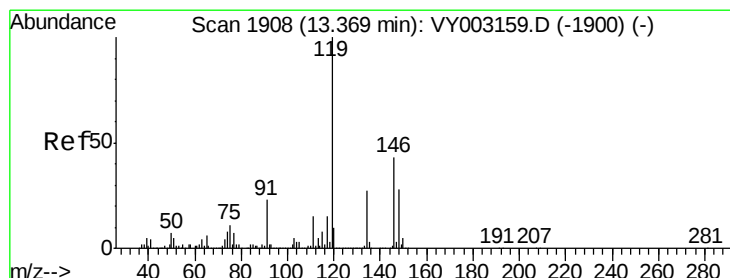
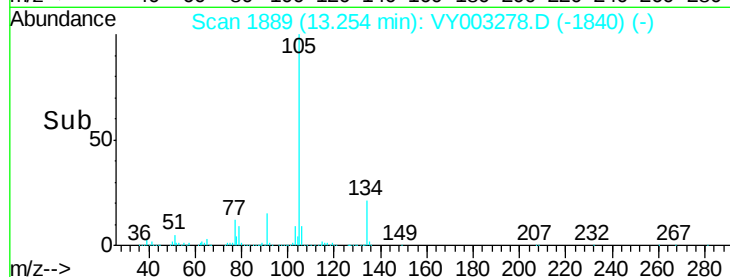
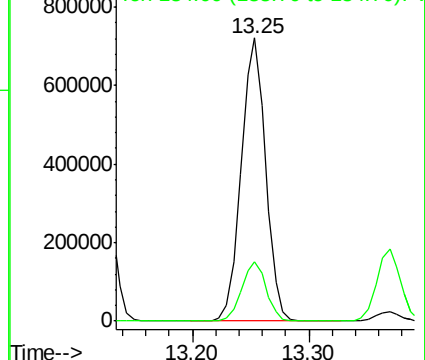
MMDadoda

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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: 51.044 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003278.D

Acq: 22 Jul 2020 10:48

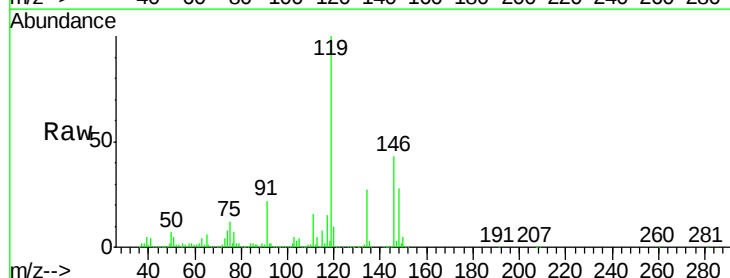
Tgt Ion:119 Resp: 976550

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.2

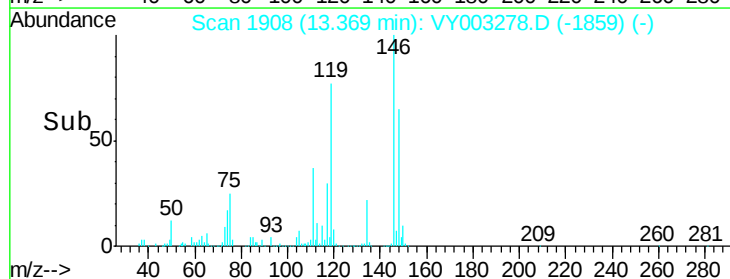
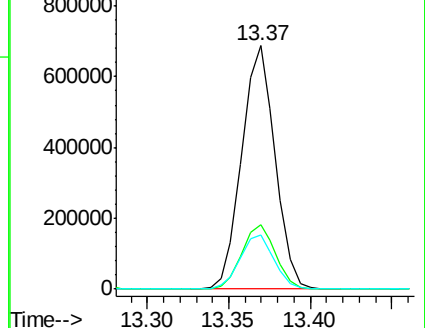
91 22.6 11.2 33.6

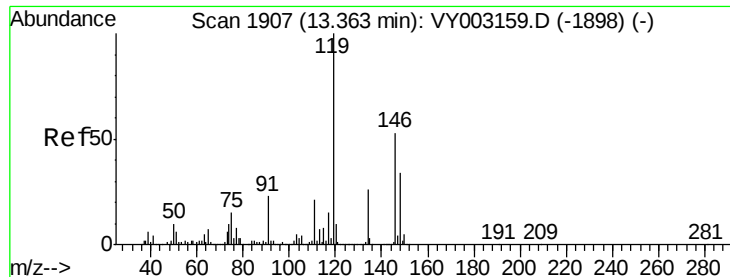


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





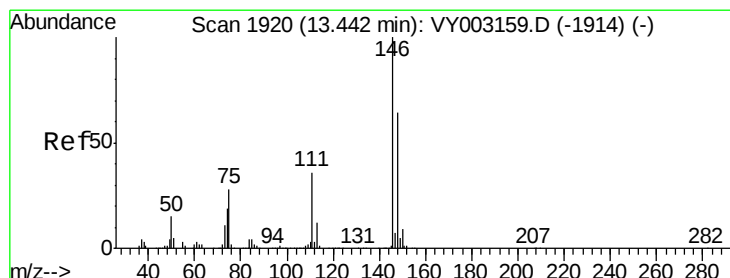
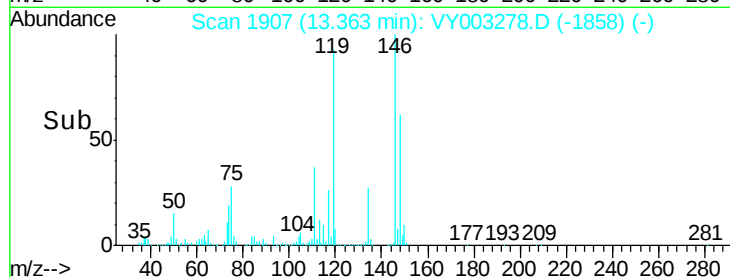
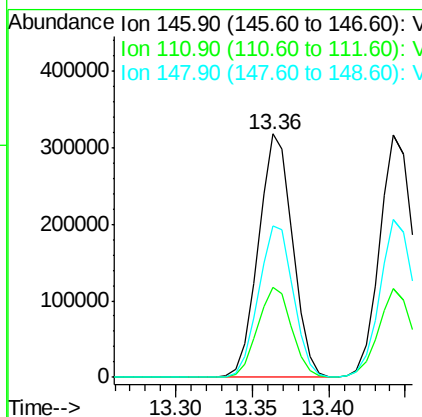
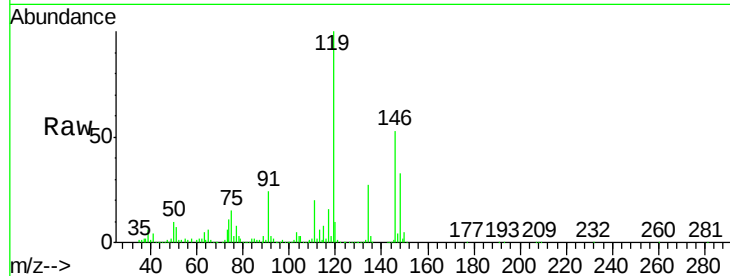
#87
1,3-Dichlorobenzene
Concen: 50.619 ug/l
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.3
148	63.4	32.3	96.9

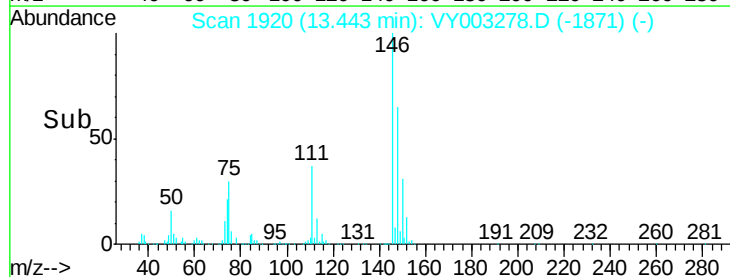
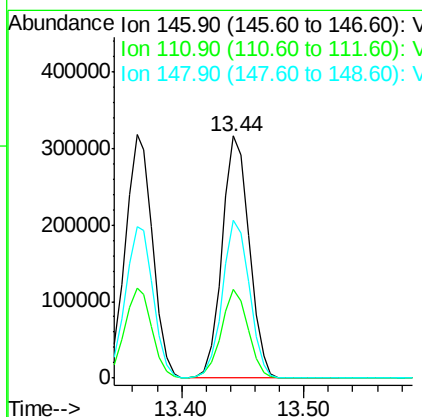
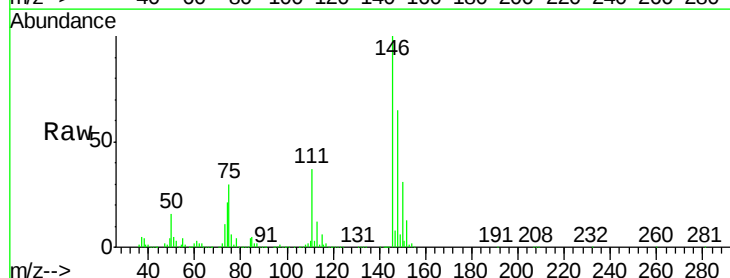
Manual Integrations
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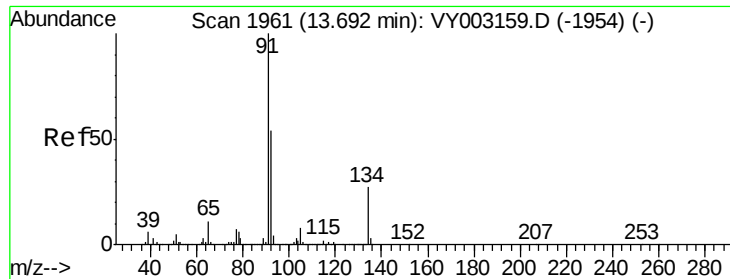
MMDadoda
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#88
1,4-Dichlorobenzene
Concen: 50.047 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.4	55.0
148	64.8	32.0	96.0





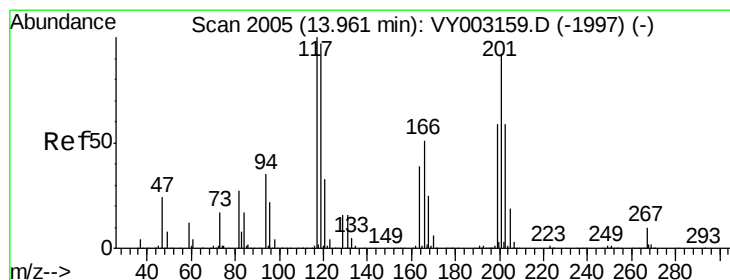
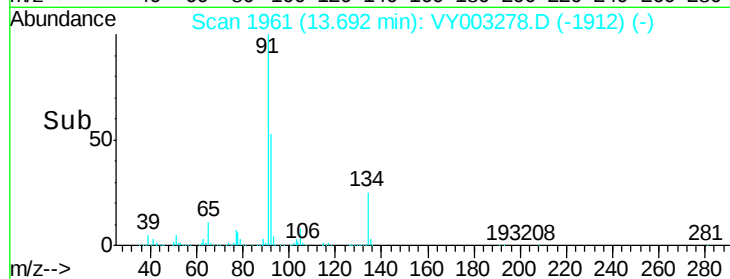
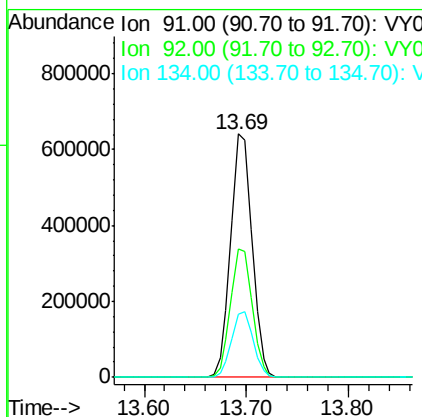
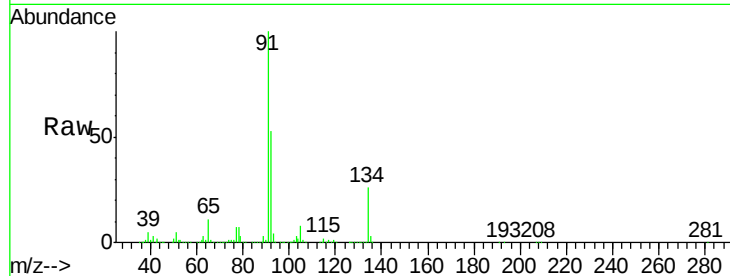
#89
n-Butylbenzene
Concen: 51.738 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.9	80.7
134	27.1	13.6	40.7

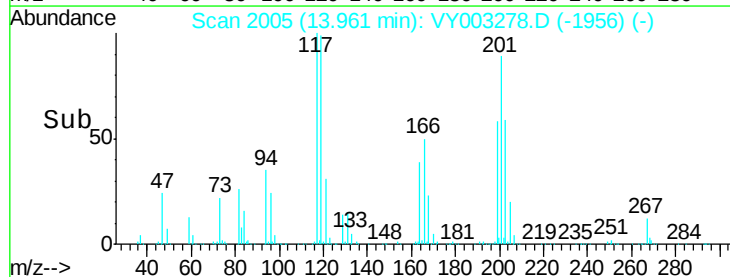
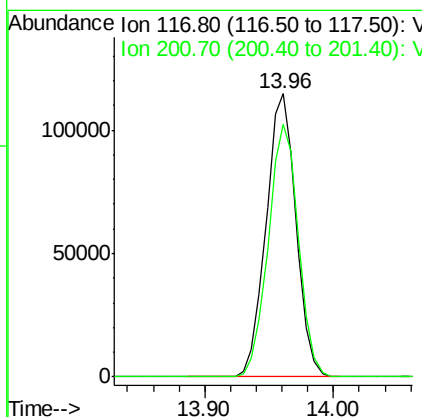
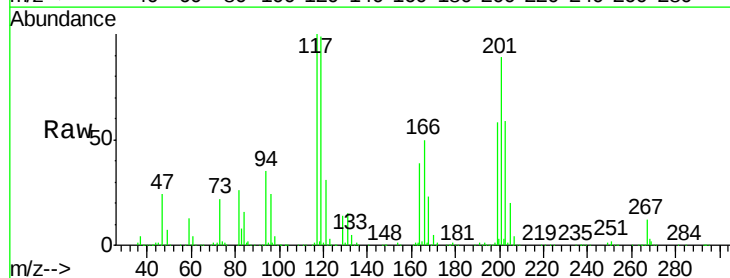
Manual Integrations
APPROVED

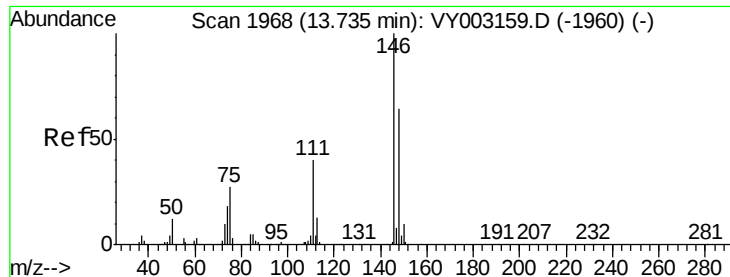
MMDadoda
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#90
Hexachloroethane
Concen: 53.172 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	45.1	135.3





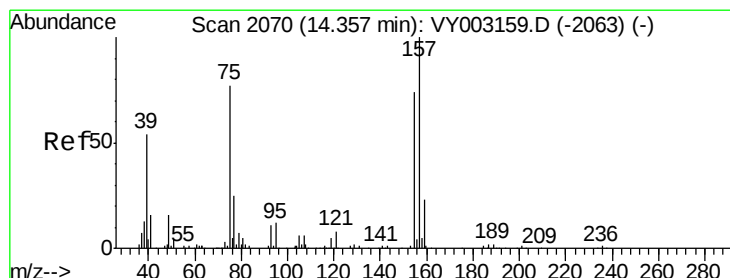
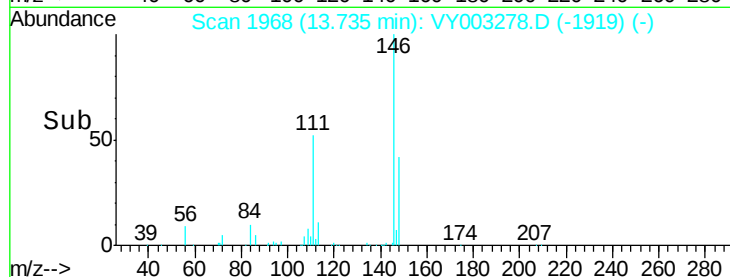
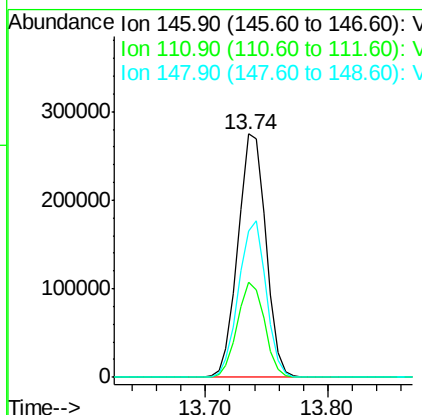
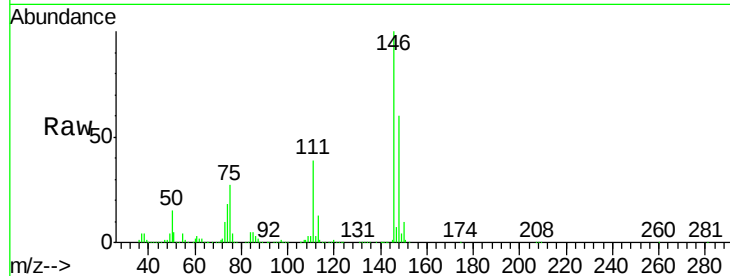
#91
 1,2-Dichlorobenzene
 Concen: 50.635 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.6	58.8
148	63.1	32.4	97.0

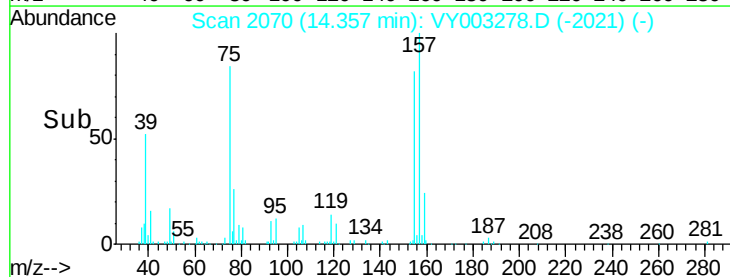
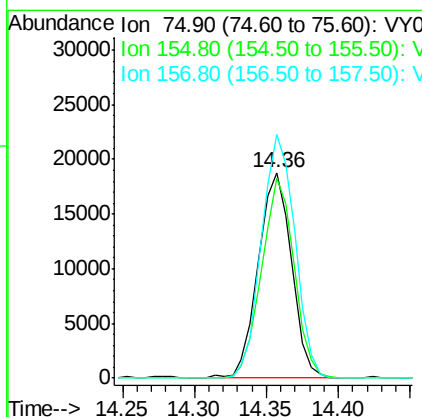
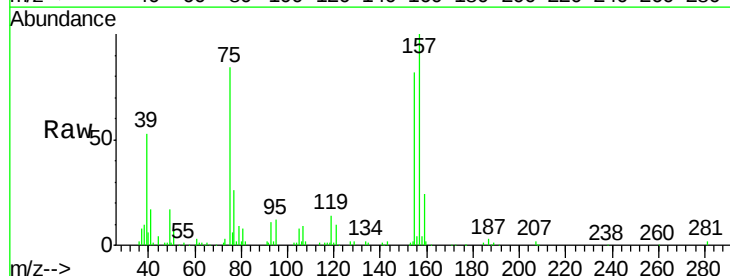
Manual Integrations
 APPROVED

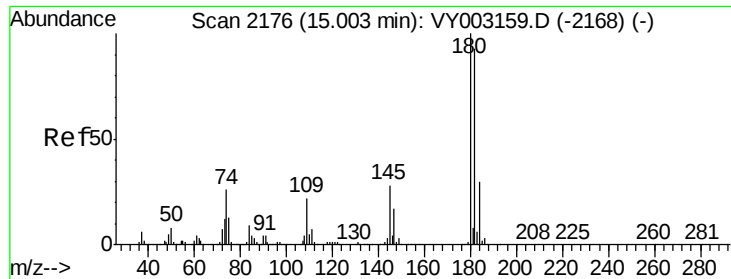
MMDadoda
 7/23/2020 12:22:51 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.191 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	48.1	144.3
157	119.8	61.9	185.6





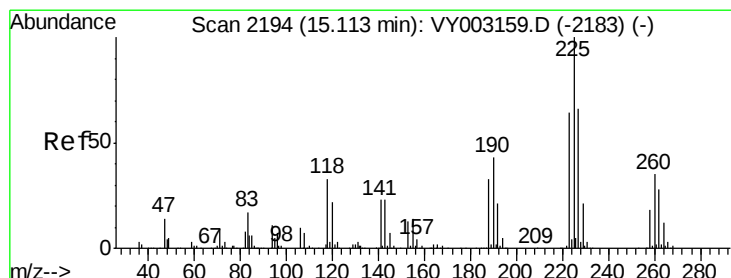
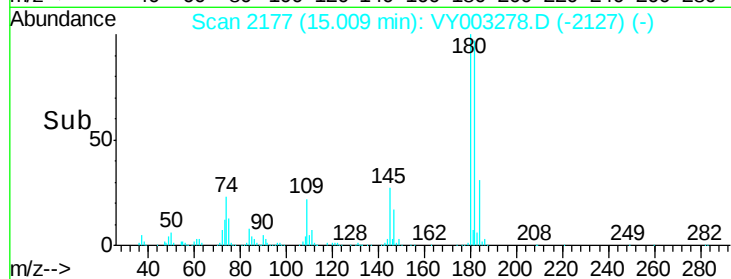
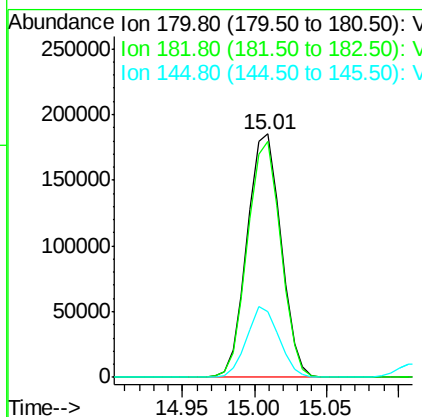
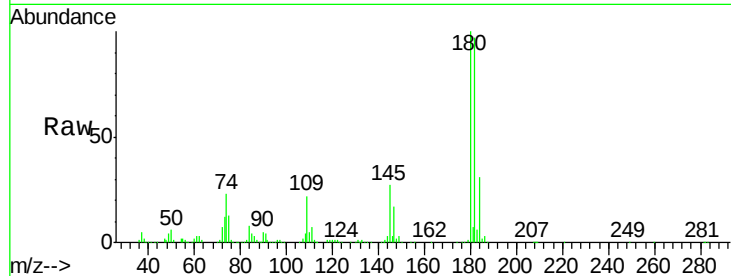
#93
 1,2,4-Trichlorobenzene
 Concen: 49.267 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.01 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.3	142.0	
145	27.9	13.7	41.1	

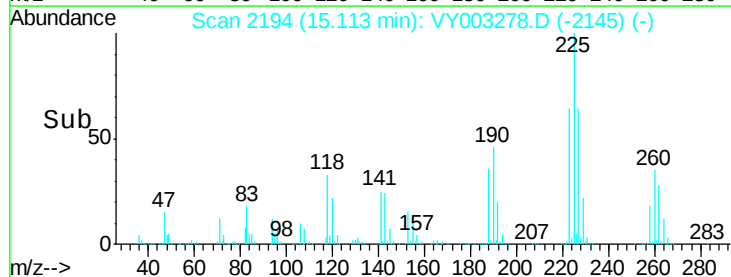
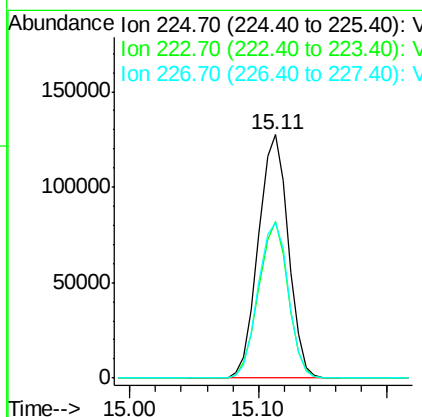
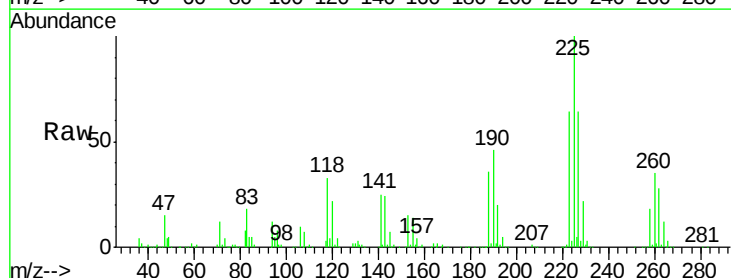
Manual Integrations
 APPROVED

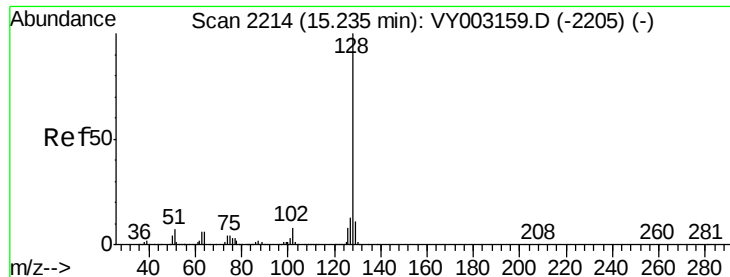
MMDadoda
 7/23/2020 12:22:51 PM



#94
 Hexachlorobutadiene
 Concen: 48.939 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY003278.D
 Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	31.6	94.7	
227	64.5	32.3	96.8	





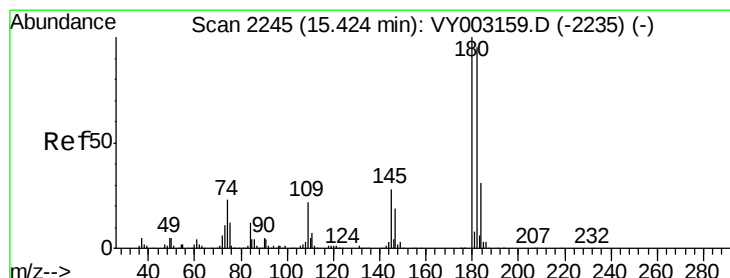
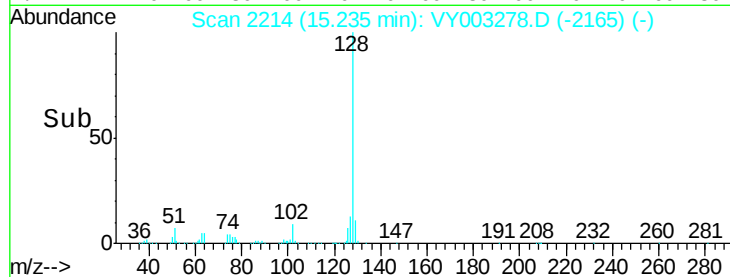
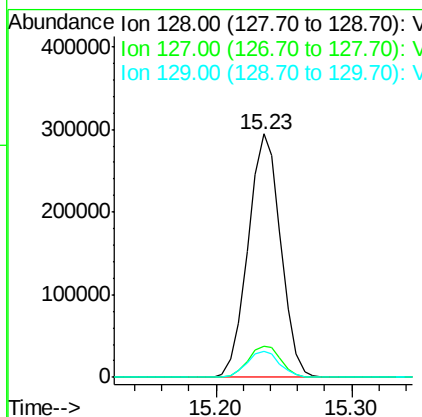
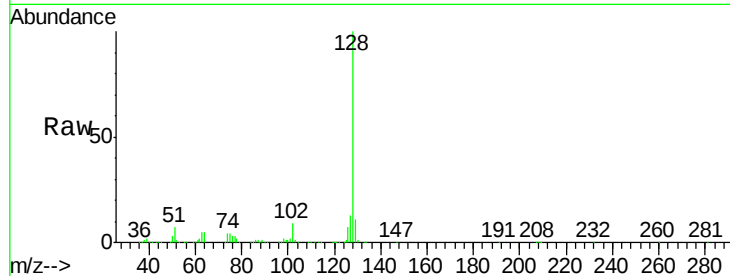
#95
Naphthalene
Concen: 49.003 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	494042		
127	13.2	10.9	16.3	
129	10.8	9.0	13.6	

Manual Integrations
APPROVED

MMDadoda
7/23/2020 12:22:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.190 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY003278.D
Acq: 22 Jul 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237207		
182	93.7	48.8	146.3	
145	28.9	14.9	44.5	

