

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072420\
 Data File : VY003333.D
 Acq On : 24 Jul 2020 14:14
 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
 7/27/2020 12:03:22 PM

Quant Time: Jul 25 01:50:16 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	497331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	726260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	667604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	359543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	199225	47.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.92%	
35) Dibromofluoromethane	7.72	113	197617	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	10.18	98	718525	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	
62) 4-Bromofluorobenzene	12.48	95	264282	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	146757	41.172	ug/l	98
3) Chloromethane	2.12	50	210105	42.495	ug/l	99
4) Vinyl Chloride	2.26	62	232729	45.877	ug/l	98
5) Bromomethane	2.65	94	174771	46.383	ug/l	99
6) Chloroethane	2.80	64	156057	46.837	ug/l	100
7) Trichlorofluoromethane	3.13	101	353253	48.761	ug/l	98
8) Diethyl Ether	3.54	74	125217	51.580	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	216469	49.474	ug/l	99
10) Methyl Iodide	4.10	142	250191	52.632	ug/l	100
11) Tert butyl alcohol	4.96	59	121409	267.480	ug/l	98
12) 1,1-Dichloroethene	3.88	96	203557	49.187	ug/l	98
13) Acrolein	3.74	56	74109	188.107	ug/l	97
14) Allyl chloride	4.49	41	336845	54.854	ug/l	95
15) Acrylonitrile	5.18	53	328203	281.443	ug/l	100
16) Acetone	3.96	43	285442	304.429	ug/l	95
17) Carbon Disulfide	4.20	76	581345	45.778	ug/l	98
18) Methyl Acetate	4.48	43	151547	58.200	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	609662	52.568	ug/l	99
20) Methylene Chloride	4.72	84	276432	59.658	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	230359	49.213	ug/l	93
22) Diisopropyl ether	6.13	45	742407	54.474	ug/l	100
23) Vinyl Acetate	6.07	43	2480868	273.108	ug/l	99
24) 1,1-Dichloroethane	6.03	63	416760	52.783	ug/l	99
25) 2-Butanone	6.99	43	438834	285.050	ug/l	100
26) 2,2-Dichloropropane	6.99	77	374251	52.632	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	265886	51.591	ug/l	99
28) Bromochloromethane	7.34	49	181526	53.102	ug/l	97
29) Tetrahydrofuran	7.35	42	286789	277.302	ug/l	98
30) Chloroform	7.51	83	423383	52.063	ug/l	98
31) Cyclohexane	7.79	56	364281	47.712	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	376599	51.441	ug/l	99
36) 1,1-Dichloropropene	7.93	75	326461	49.597	ug/l	100
37) Ethyl Acetate	7.08	43	194376	54.834	ug/l	98
38) Carbon Tetrachloride	7.91	117	346087	50.930	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	400450	48.429	ug/l	97
40) Benzene	8.16	78	919484	50.732	ug/l	97
41) Methacrylonitrile	7.32	41	104931m	49.150	ug/l	
42) 1,2-Dichloroethane	8.24	62	281345	50.422	ug/l	98
43) Isopropyl Acetate	8.28	43	369799	53.896	ug/l	99
44) Trichloroethene	8.94	130	269921	48.581	ug/l	96
45) 1,2-Dichloropropane	9.22	63	243764	51.978	ug/l	99
46) Dibromomethane	9.31	93	138316	50.497	ug/l	100
47) Bromodichloromethane	9.50	83	340391	52.251	ug/l	99
48) Methyl methacrylate	9.29	41	167389	54.570	ug/l	96
49) 1,4-Dioxane	9.30	88	39003	1121.943	ug/l	91
51) 4-Methyl-2-Pentanone	10.07	43	985641	276.373	ug/l	99
52) Toluene	10.24	92	589523	50.889	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	359801	53.307	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	408258	52.496	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	200249	51.592	ug/l	98
56) Ethyl methacrylate	10.51	69	289214	54.807	ug/l	98
57) 1,3-Dichloropropane	10.79	76	347104	52.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	724437	269.184	ug/l	98
59) 2-Hexanone	10.83	43	698320	280.499	ug/l	100
60) Dibromochloromethane	10.99	129	255653	52.368	ug/l	100
61) 1,2-Dibromoethane	11.09	107	191336	49.947	ug/l	99
64) Tetrachloroethene	10.72	164	274078	46.044	ug/l	97
65) Chlorobenzene	11.52	112	652510	50.735	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	258760	51.802	ug/l	99
67) Ethyl Benzene	11.59	91	1170974	50.993	ug/l	99
68) m/p-Xylenes	11.70	106	895640	102.794	ug/l	100
69) o-Xylene	12.03	106	415253	51.015	ug/l	98
70) Styrene	12.04	104	736215	52.872	ug/l	100
71) Bromoform	12.20	173	174817	53.323	ug/l	99
73) Isopropylbenzene	12.33	105	1162472	50.735	ug/l	100
74) N-amyl acetate	12.14	43	345183	53.692	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	236909	53.536	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	161647m	50.791	ug/l	
77) Bromobenzene	12.61	156	293666	50.281	ug/l	99
78) n-propylbenzene	12.67	91	1393564	51.598	ug/l	99
79) 2-Chlorotoluene	12.75	91	769799	51.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	978293	51.229	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	88807	54.307	ug/l	95
82) 4-Chlorotoluene	12.85	91	803201	51.068	ug/l	100
83) tert-Butylbenzene	13.07	119	847623	50.304	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	988746	51.459	ug/l	98
85) sec-Butylbenzene	13.25	105	1199557	51.796	ug/l	100
86) p-Isopropyltoluene	13.37	119	1124372	51.996	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	570576	51.661	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	564773	51.649	ug/l	99
89) n-Butylbenzene	13.69	91	1065131	52.366	ug/l	100
90) Hexachloroethane	13.96	117	216004	54.851	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	506215	52.228	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	38301	53.387	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	368675	53.468	ug/l	100
94) Hexachlorobutadiene	15.11	225	234868	49.711	ug/l	99
95) Naphthalene	15.23	128	638214	56.006	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	302320	55.465	ug/l	98

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

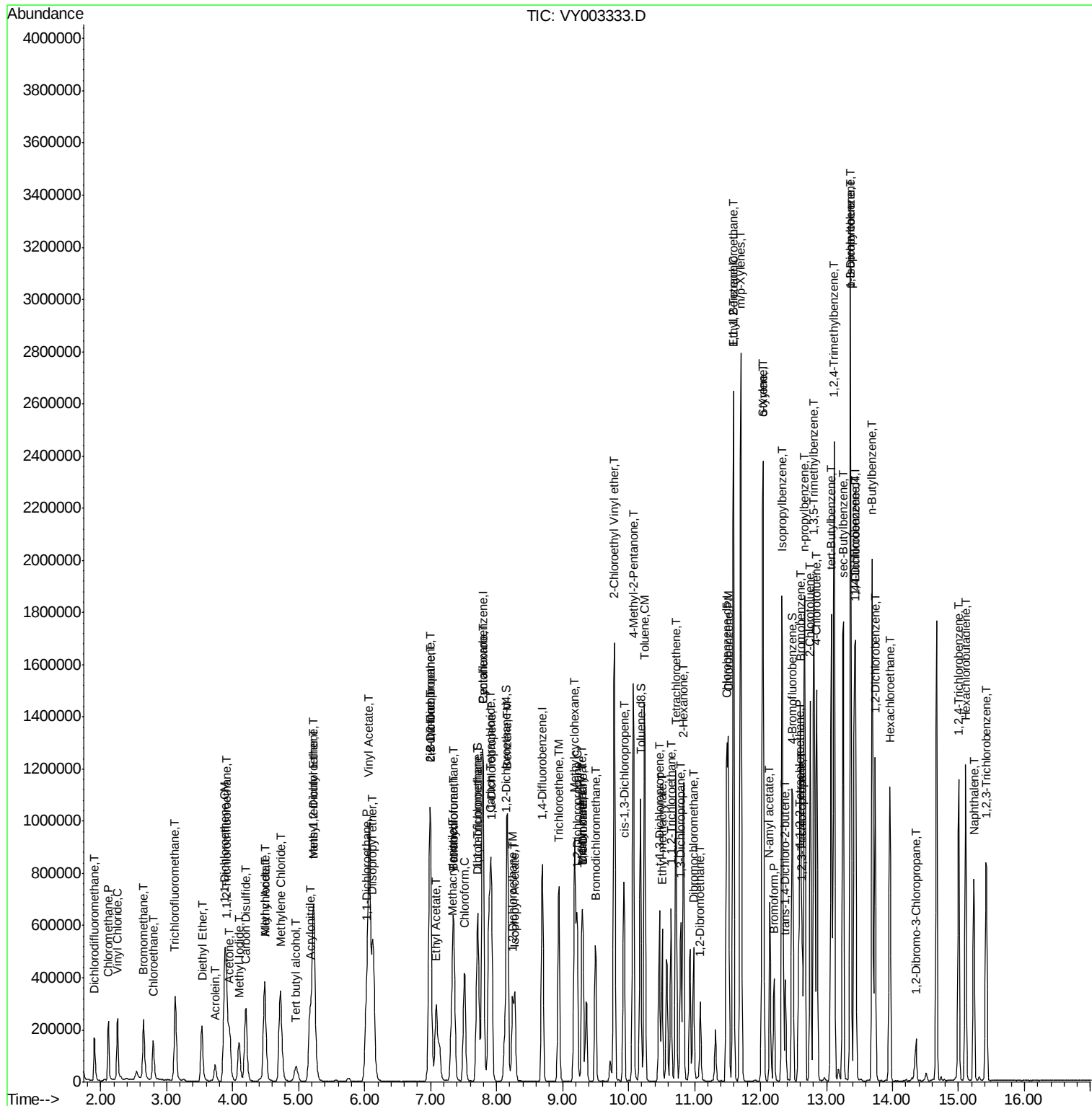
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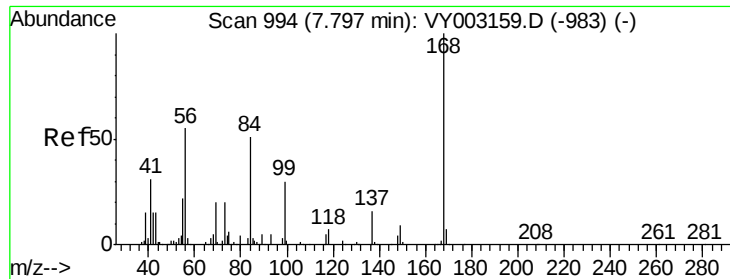
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 497331

Ion Ratio Lower Upper

168 100

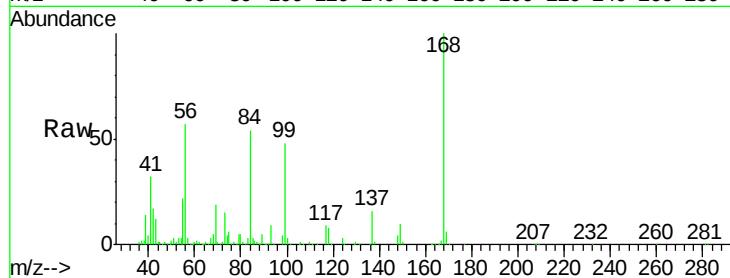
99 48.1 37.3 55.9

Manual Integrations

APPROVED

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7/27/2020 12:03:22 PM



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

150000

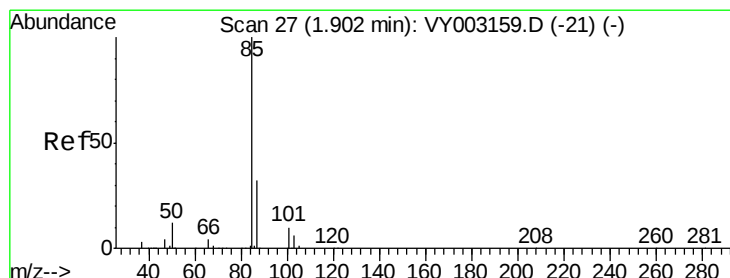
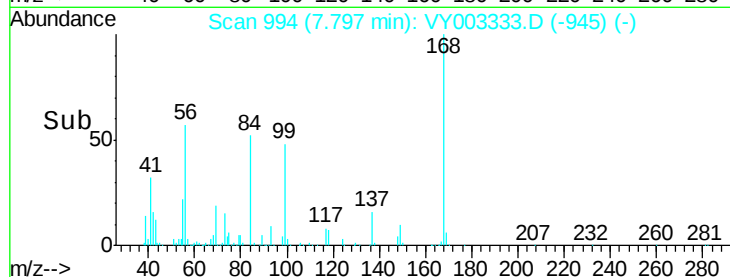
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 41.172 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY003333.D

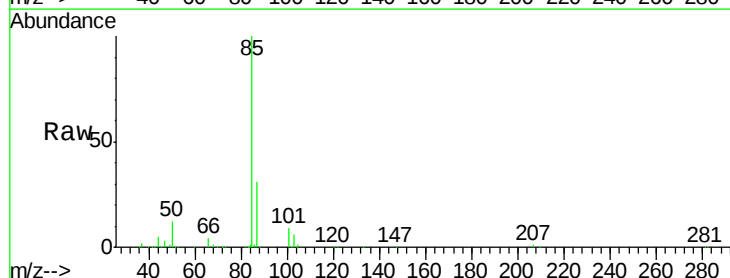
Acq: 24 Jul 2020 14:14

Tgt Ion: 85 Resp: 146757

Ion Ratio Lower Upper

85 100

87 30.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

100000

80000

60000

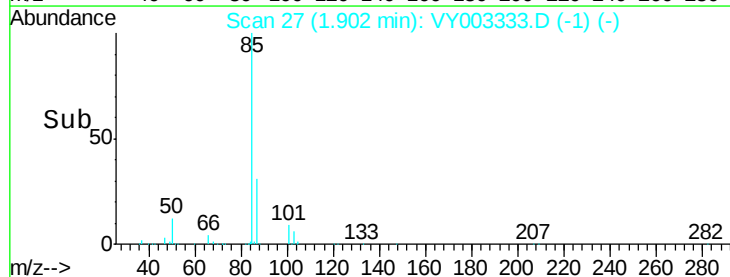
40000

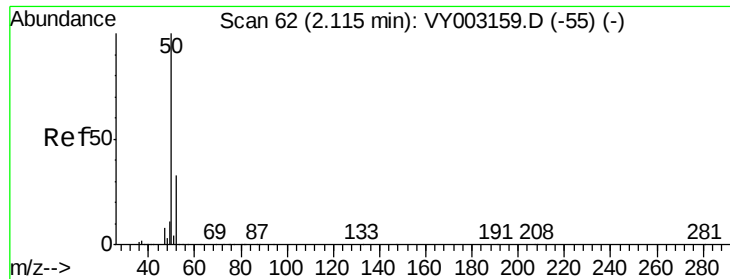
20000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 42.495 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 210105

Ion Ratio Lower Upper

50 100

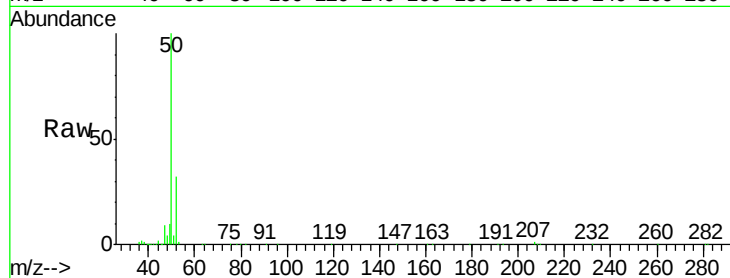
52 32.4 26.6 39.8

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

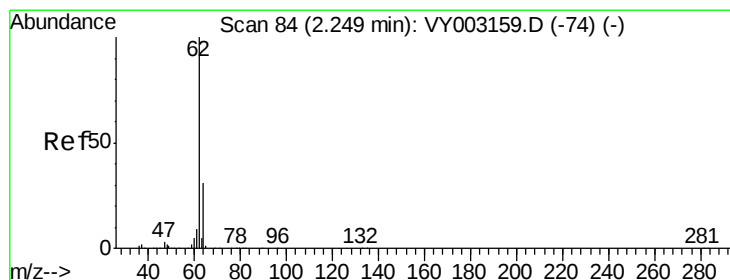
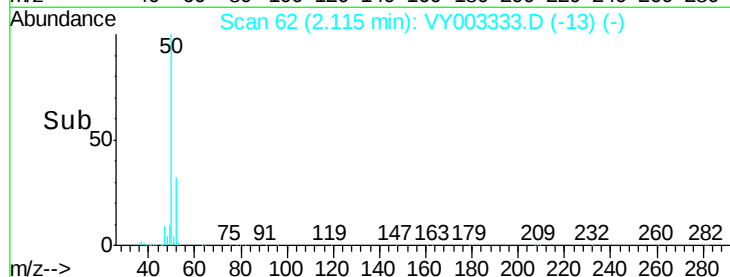
100000

50000

0

2.12

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 45.877 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY003333.D

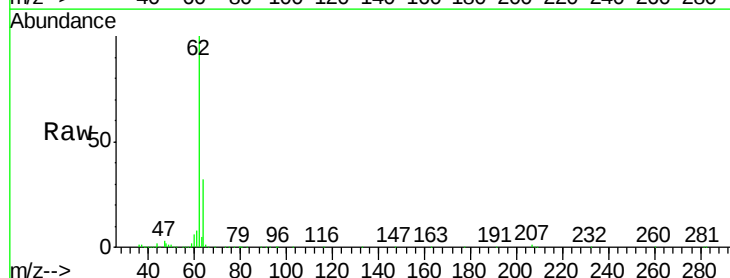
Acq: 24 Jul 2020 14:14

Tgt Ion: 62 Resp: 232729

Ion Ratio Lower Upper

62 100

64 31.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

150000

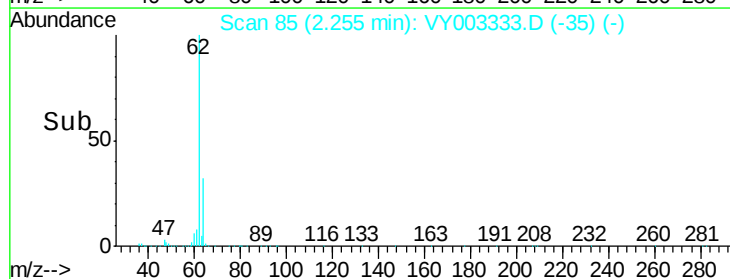
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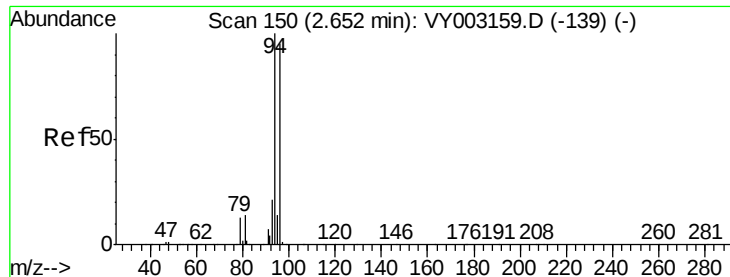
50000

0

2.26

Time--> 2.20 2.30 2.40





#5

Bromomethane

Concen: 46.383 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 174771

Ion Ratio Lower Upper

94 100

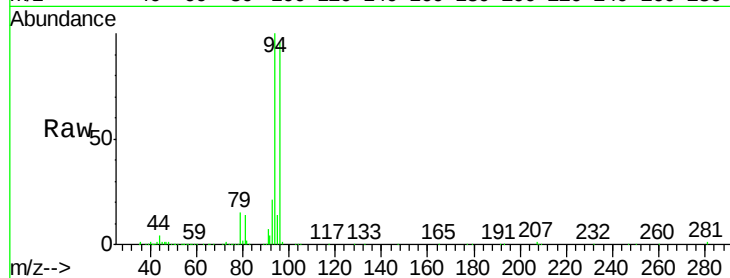
96 95.7 76.0 114.0

Manual Integrations

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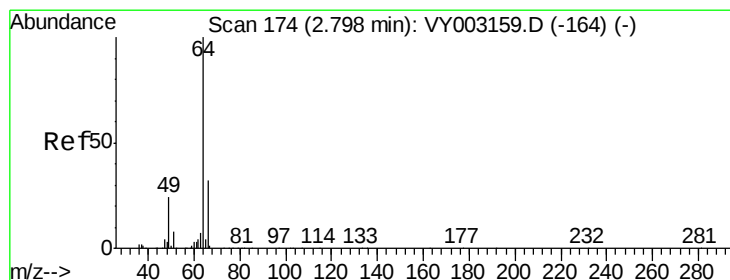
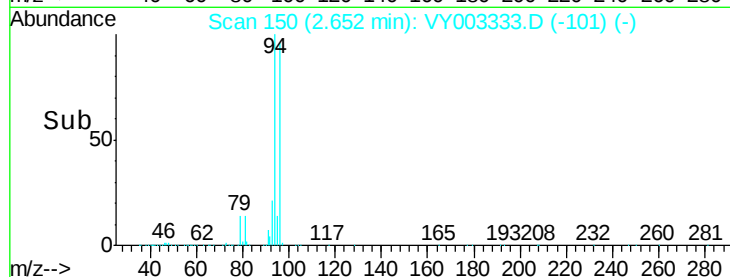
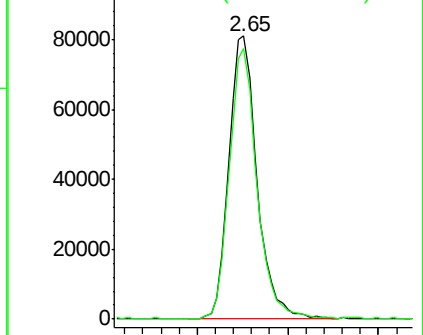
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.837 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY003333.D

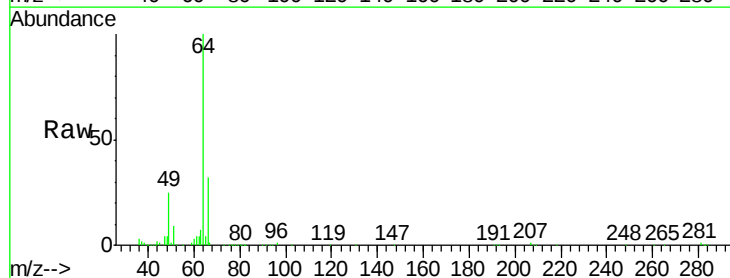
Acq: 24 Jul 2020 14:14

Tgt Ion: 64 Resp: 156057

Ion Ratio Lower Upper

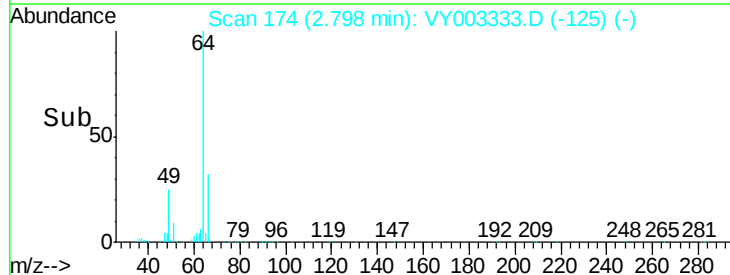
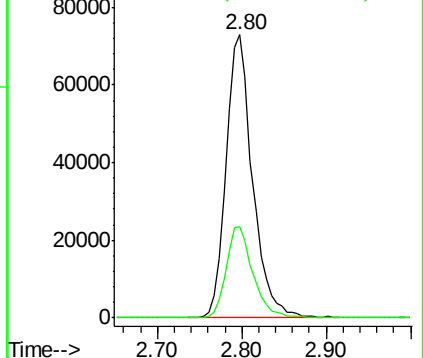
64 100

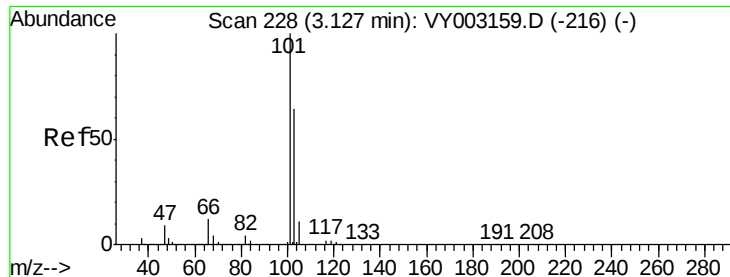
66 32.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

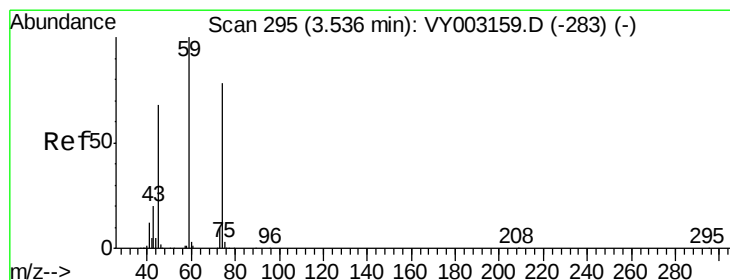
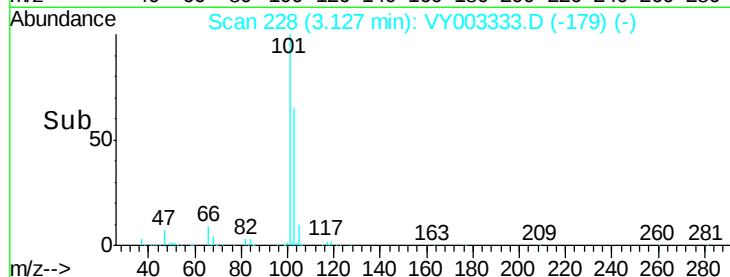
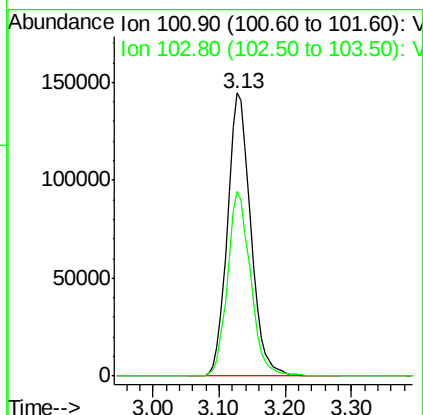
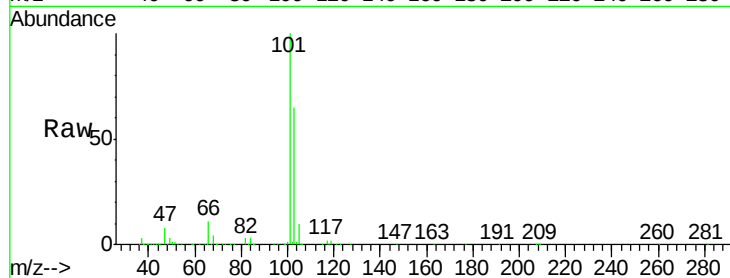
Trichlorofluoromethane
Concen: 48.761 ug/l
RT: 3.13 min Scan# 228
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.3	76.9

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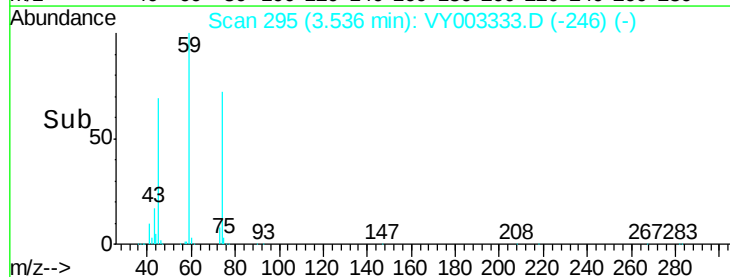
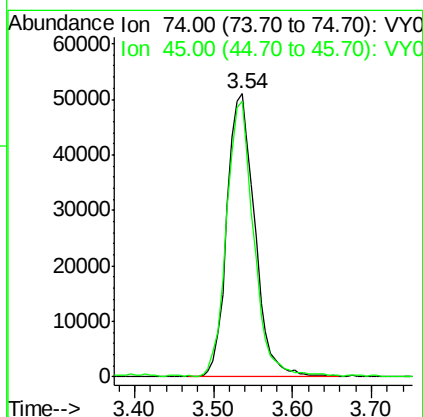
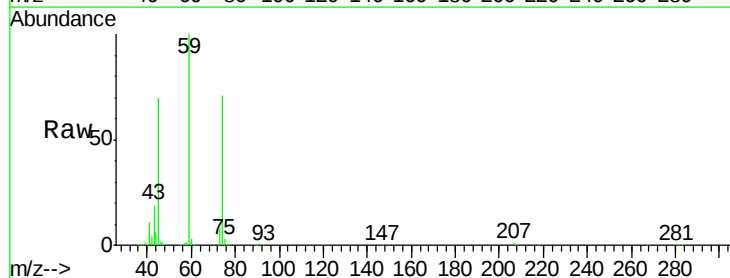
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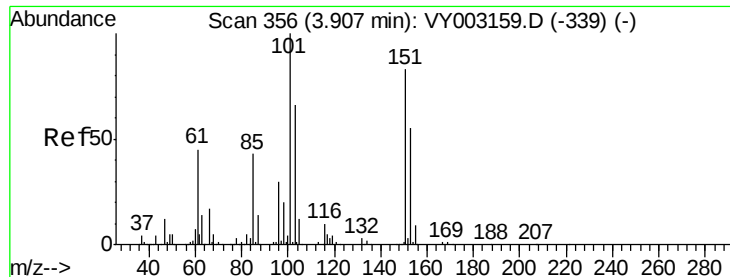


#8

Diethyl Ether
Concen: 51.580 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	45.3	135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.474 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

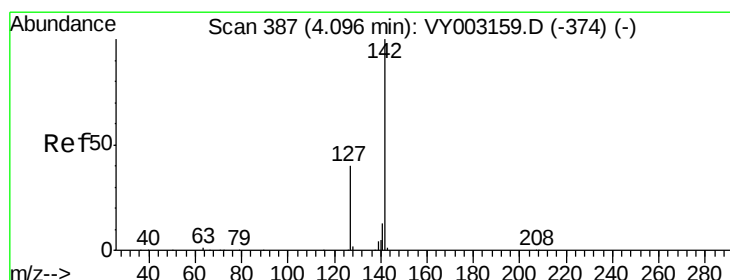
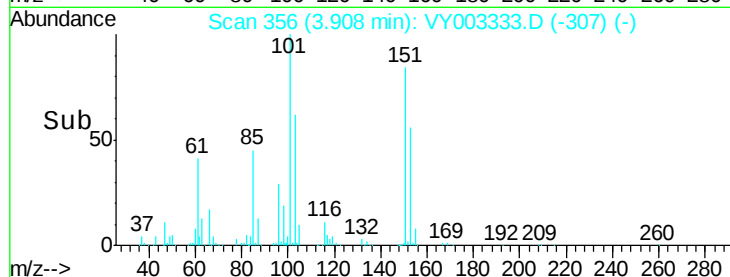
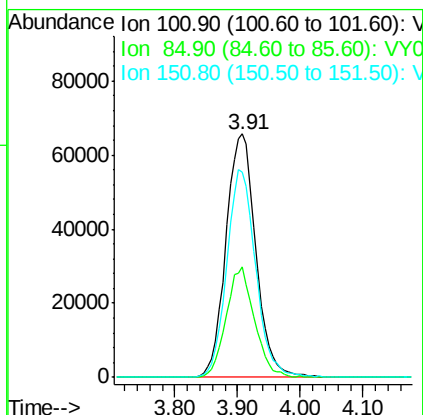
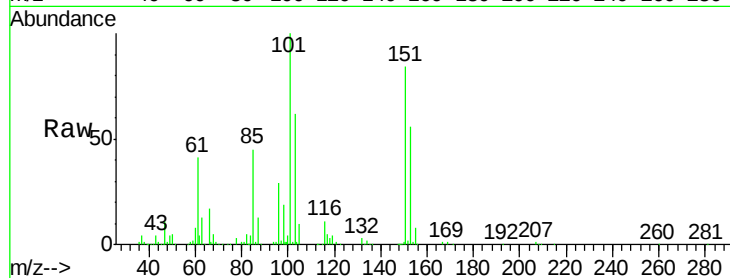
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	216469
Ion Ratio	Lower	Upper	
101	100		
85	42.7	34.9	52.3
151	82.7	67.0	100.6

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#10

Methyl Iodide

Concen: 52.632 ug/l

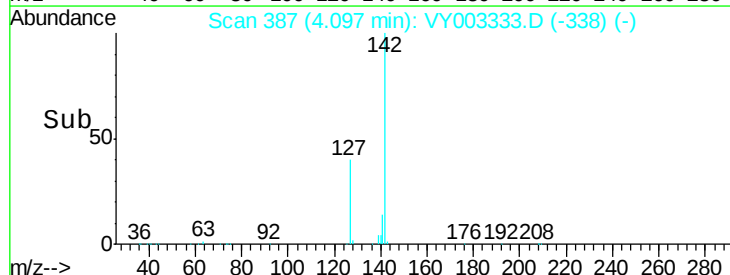
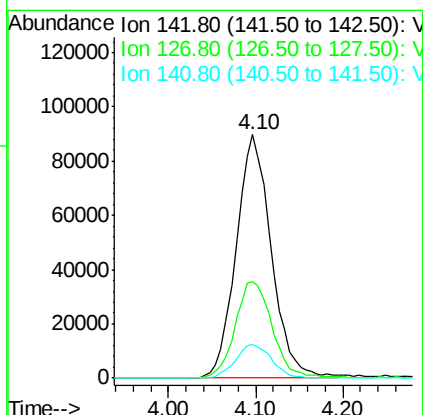
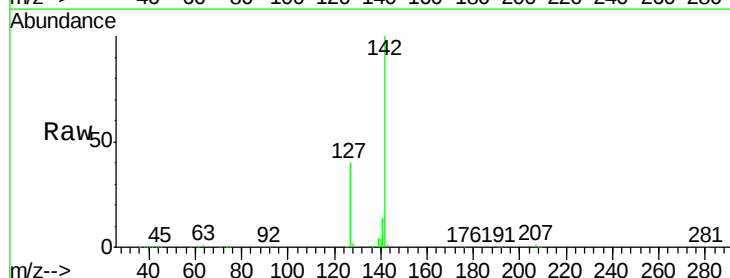
RT: 4.10 min Scan# 387

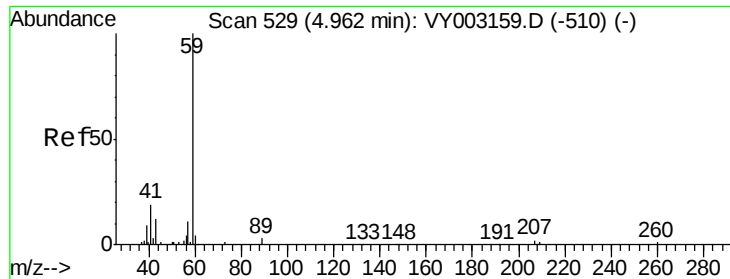
Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	142	Resp:	250191
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.5	50.3
141	14.2	11.2	16.8





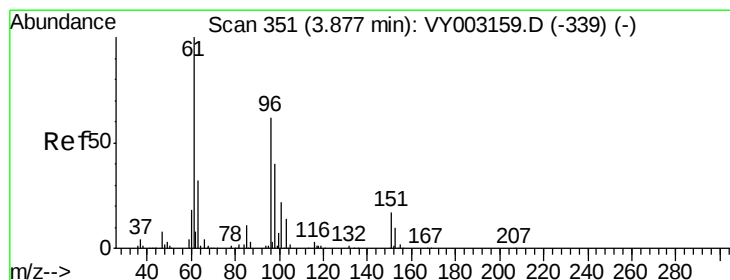
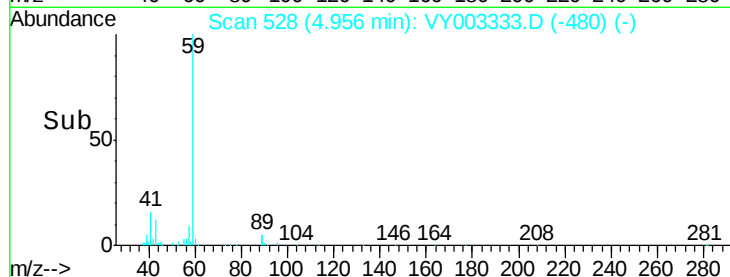
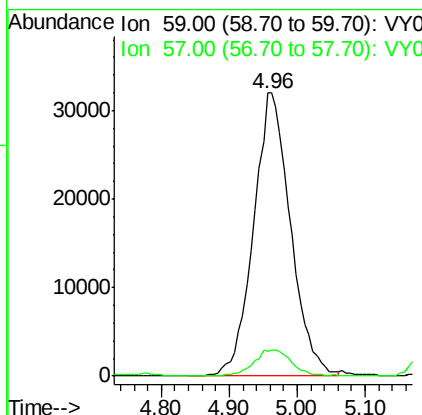
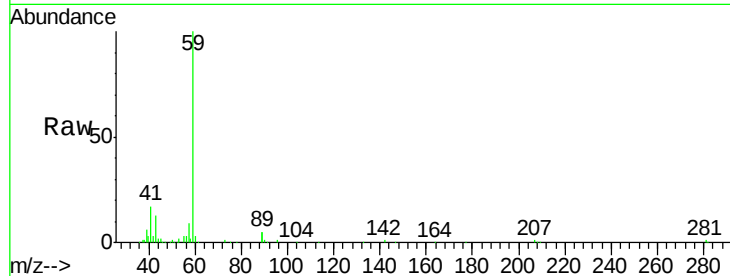
#11
Tert butyl alcohol
Concen: 267.480 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.01 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6

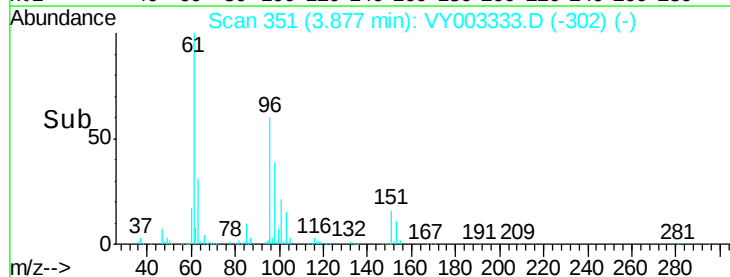
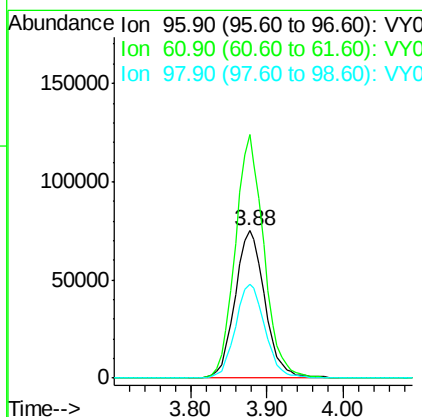
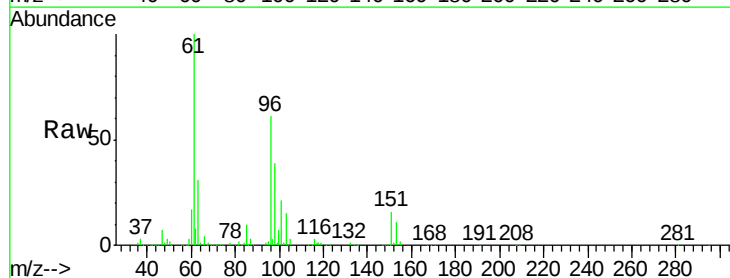
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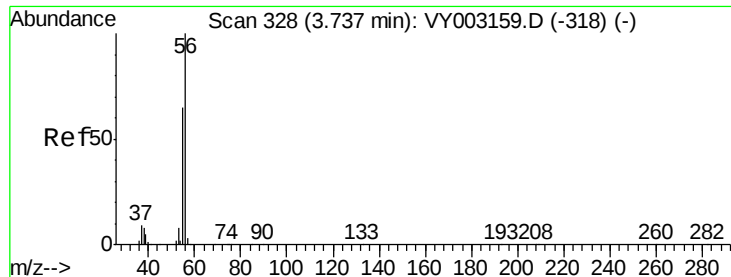
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.187 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.0	128.6	193.0
98	63.9	51.6	77.4





#13

Acrolein

Concen: 188.107 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 74109

Ion Ratio Lower Upper

56 100

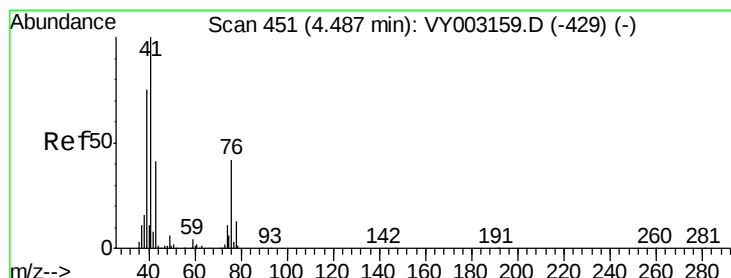
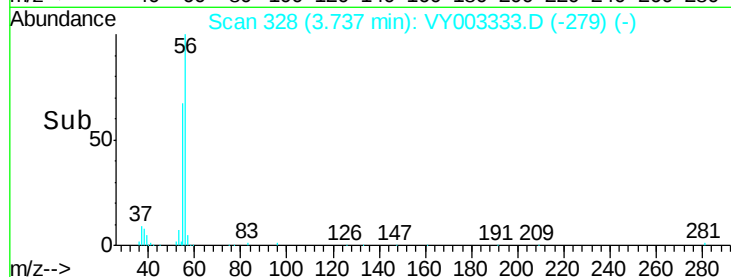
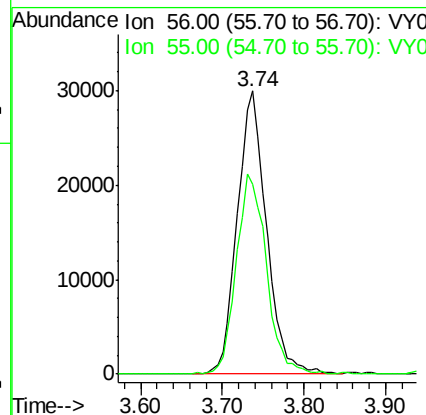
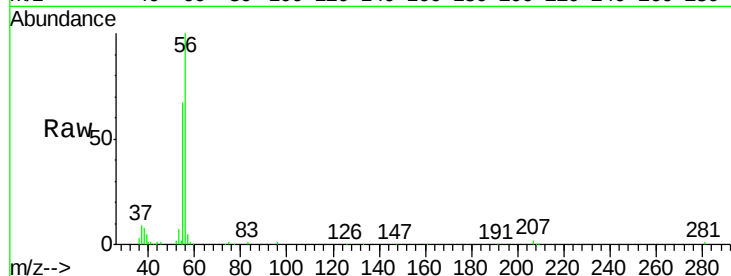
55 72.7 56.0 84.0

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#14

Allyl chloride

Concen: 54.854 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

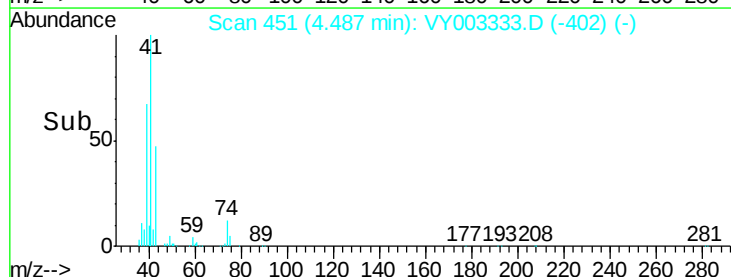
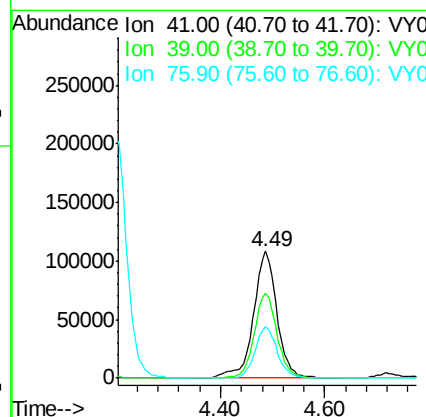
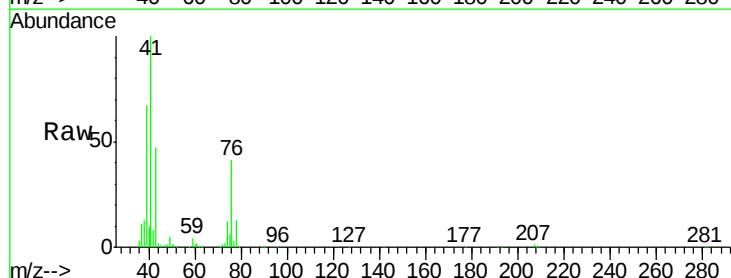
Tgt Ion: 41 Resp: 336845

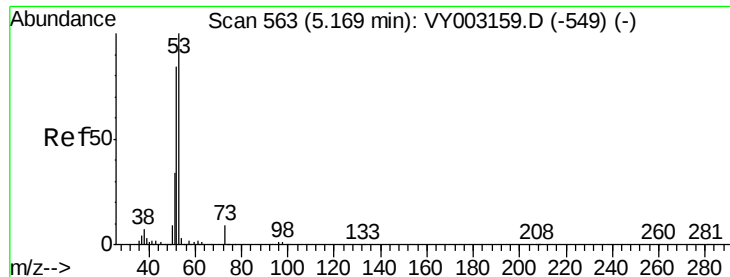
Ion Ratio Lower Upper

41 100

39 65.2 56.6 85.0

76 38.0 31.6 47.4





#15

Acrylonitrile

Concen: 281.443 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.01 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

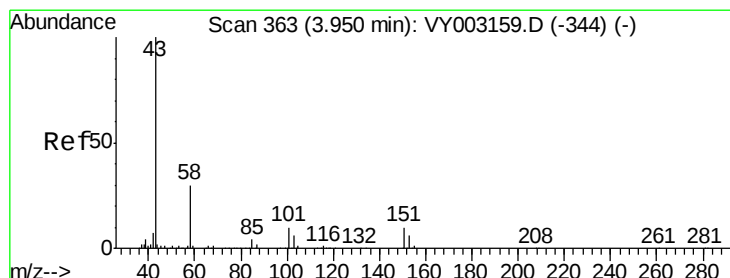
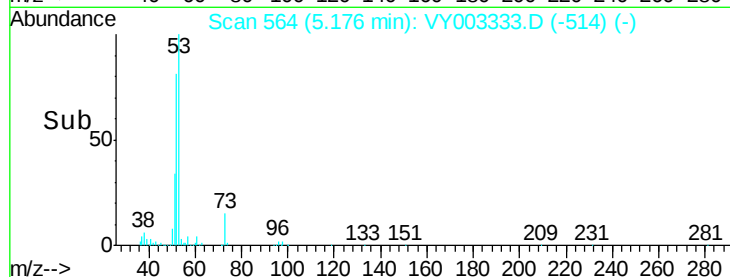
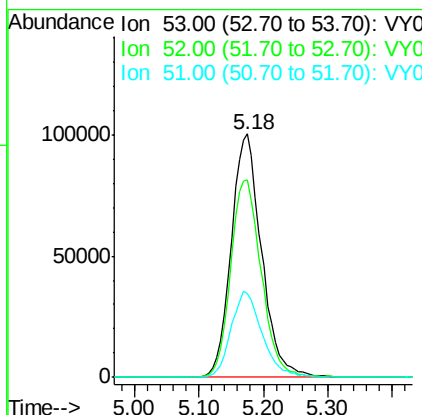
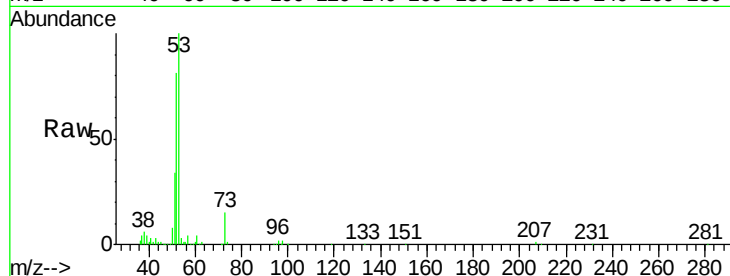
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	328203
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.6
51	36.2	29.0	43.4

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#16

Acetone

Concen: 304.429 ug/l

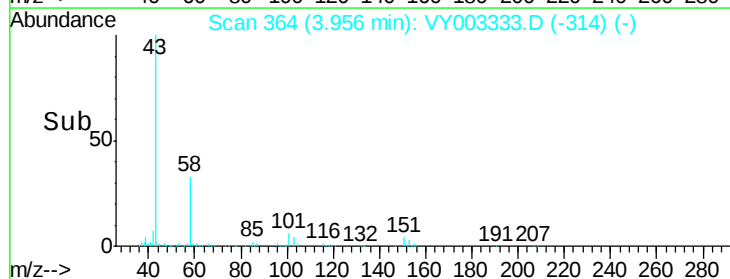
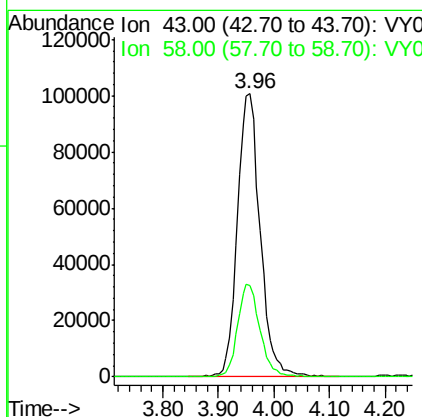
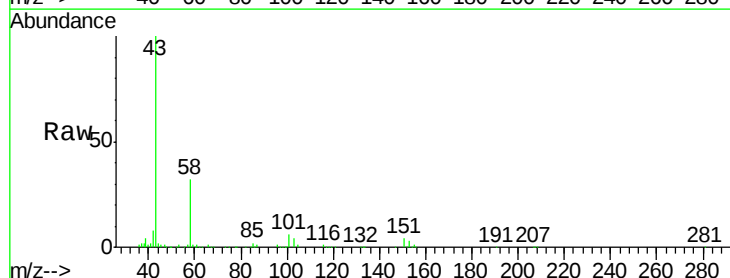
RT: 3.96 min Scan# 364

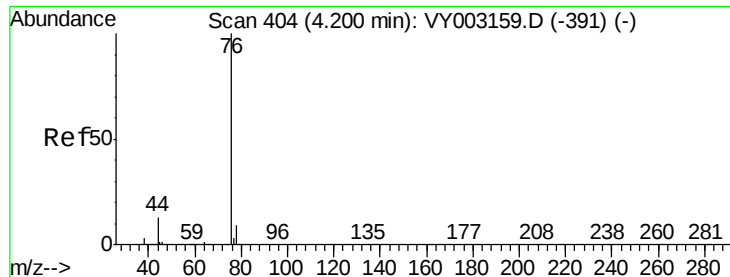
Delta R.T. 0.01 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	43	Resp:	285442
Ion	Ratio	Lower	Upper
43	100		
58	32.4	23.8	35.6





#17

Carbon Disulfide

Concen: 45.778 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 581345

Ion Ratio Lower Upper

76 100

78 9.7

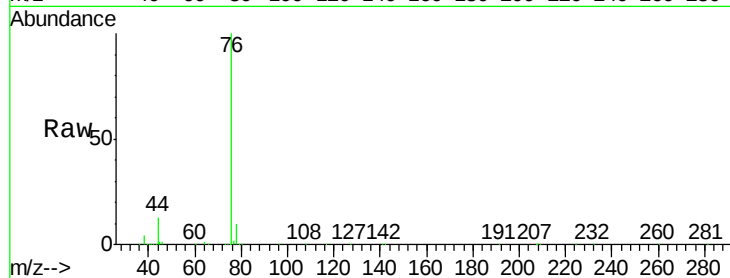
7.3 10.9

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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

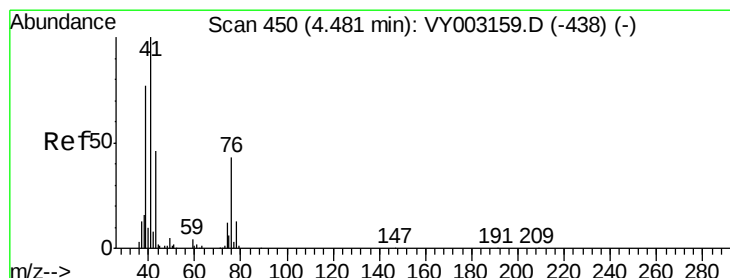
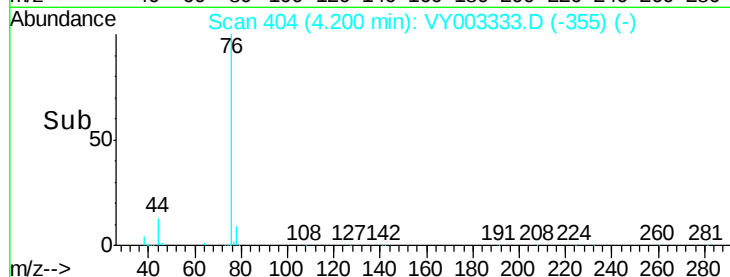
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 58.200 ug/l

RT: 4.48 min Scan# 450

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

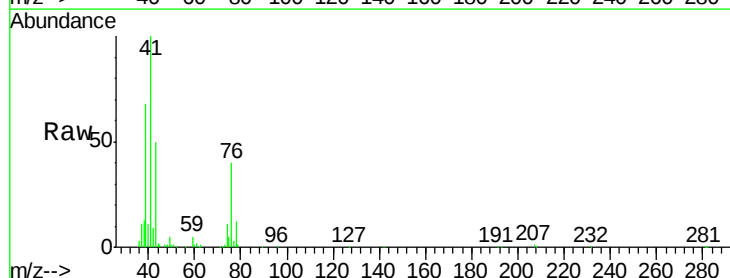
Tgt Ion: 43 Resp: 151547

Ion Ratio Lower Upper

43 100

74 24.1

20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

60000

50000

40000

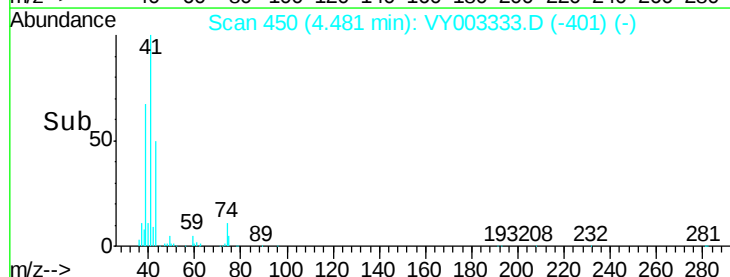
30000

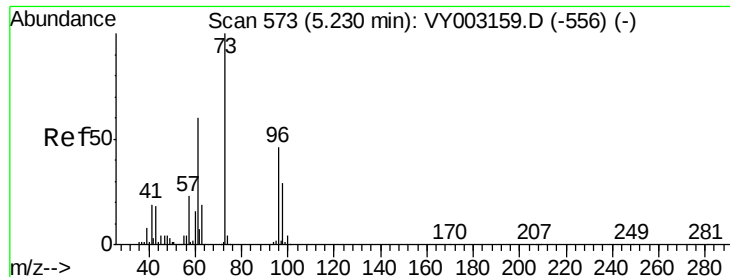
20000

10000

0

Time-->





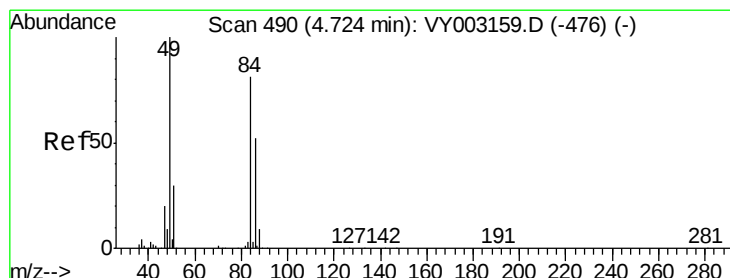
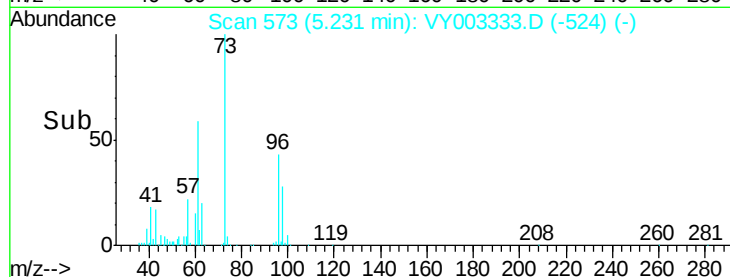
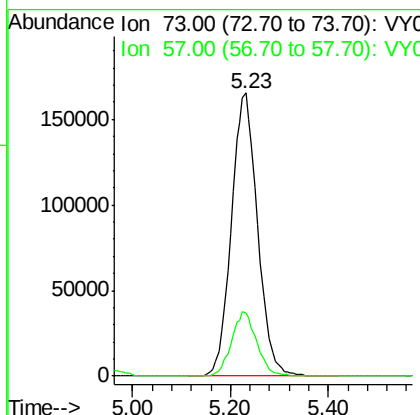
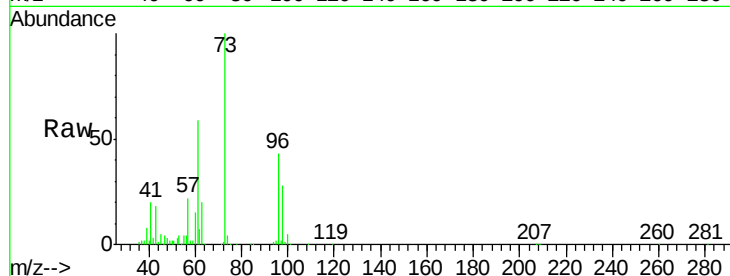
#19
Methvl tert-butvl Ether
Concen: 52.568 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 609662
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

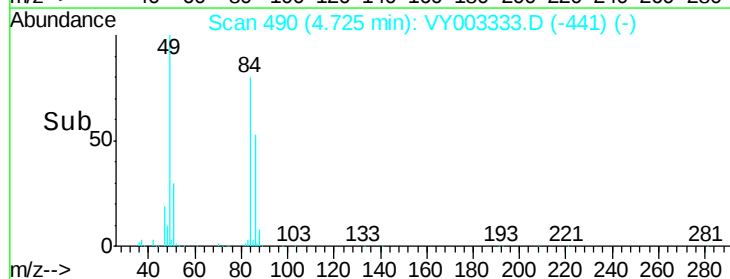
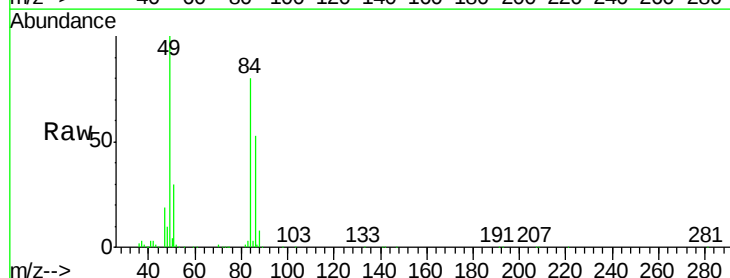
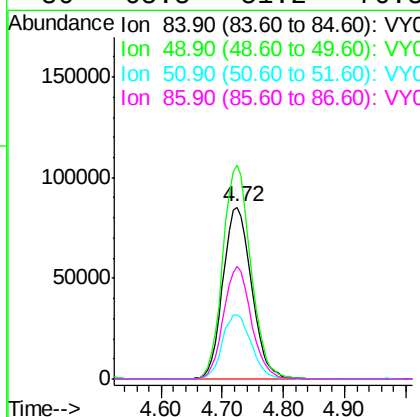
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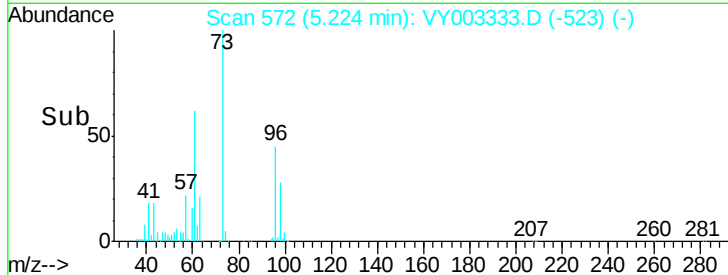
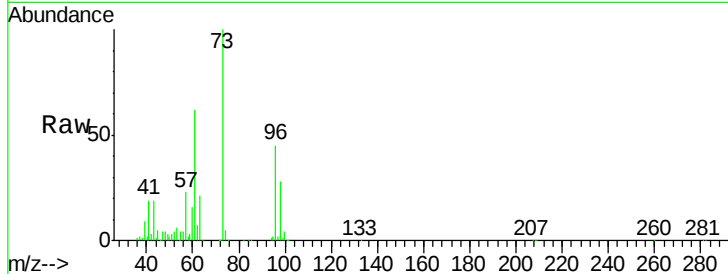
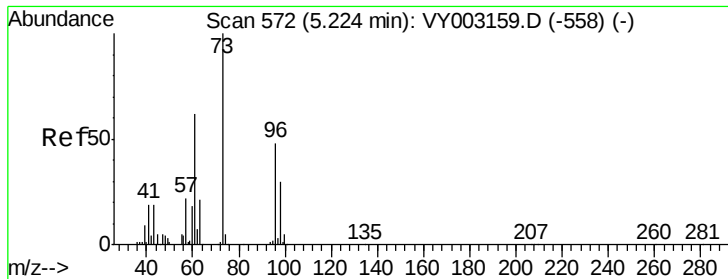
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#20
Methylene Chloride
Concen: 59.658 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion: 84 Resp: 276432
Ion Ratio Lower Upper
84 100
49 124.3 98.2 147.4
51 37.5 29.8 44.6
86 65.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 49.213 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY003333.D

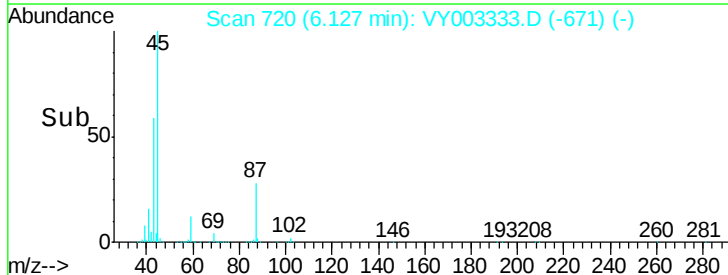
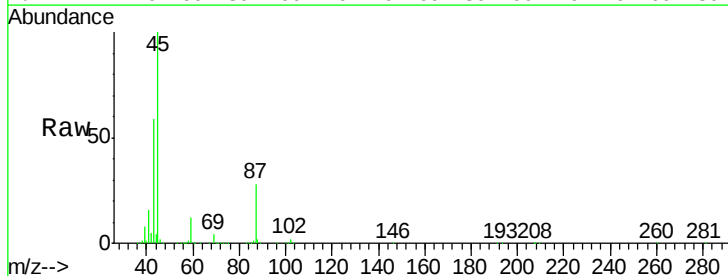
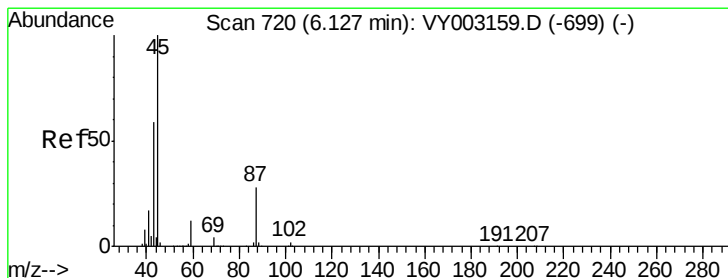
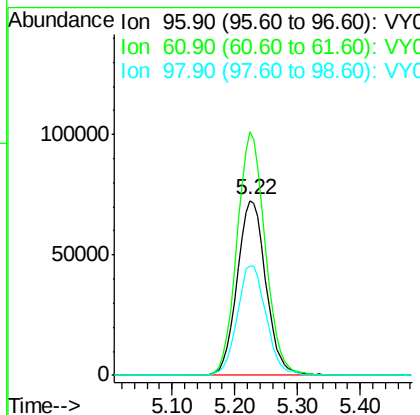
Acq: 24 Jul 2020 14:14

Tot Ion:	96	Resp:	230359
Ion	Ratio	Lower	Upper
96	100		
61	139.4	102.5	153.7
98	62.6	49.8	74.8

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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#22

Diisopropyl ether

Concen: 54.474 ug/l

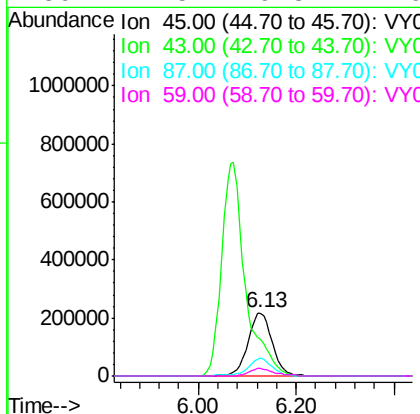
RT: 6.13 min Scan# 720

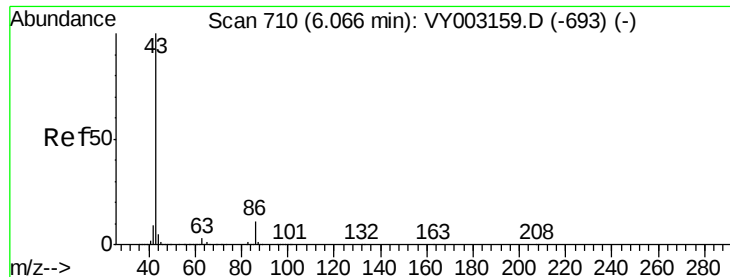
Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	45	Resp:	742407
Ion	Ratio	Lower	Upper
45	100		
43	58.5	47.0	70.4
87	28.1	22.6	33.8
59	11.5	9.8	14.6





#23

Vinyl Acetate

Concen: 273.108 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2480868

Ion Ratio Lower Upper

43 100

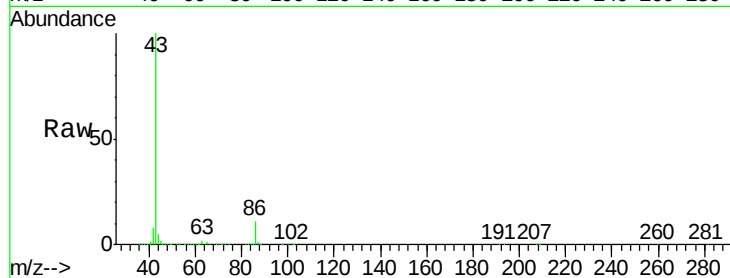
86 10.6 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

800000

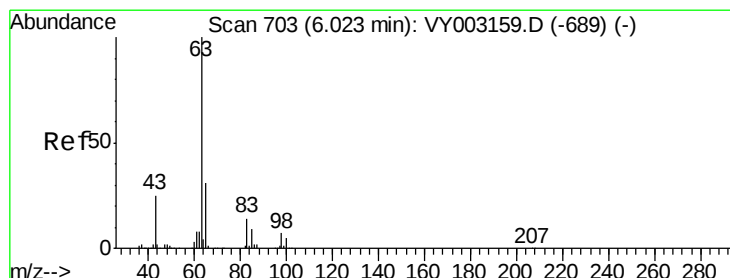
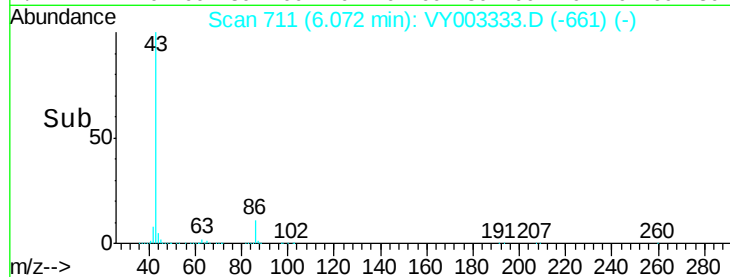
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.783 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

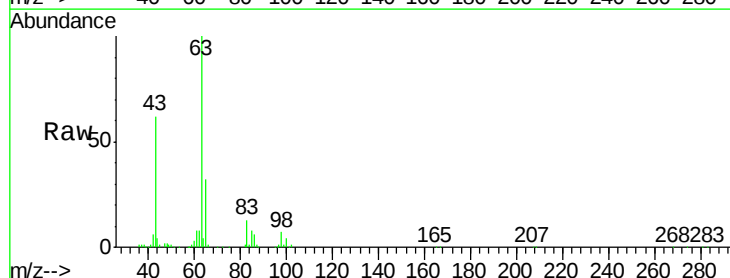
Tgt Ion: 63 Resp: 416760

Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.8

100 4.3 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

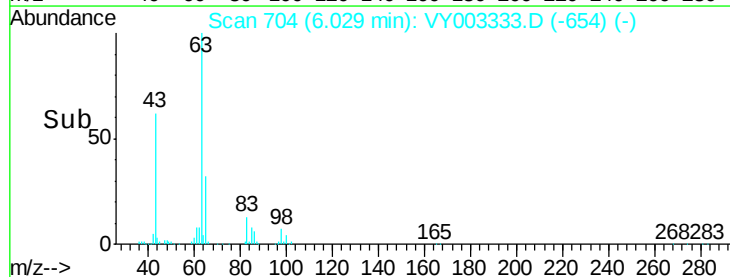
150000

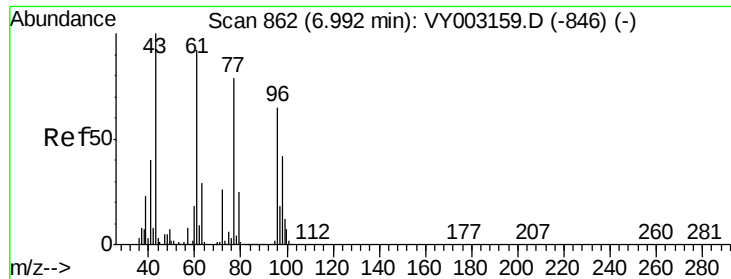
100000

50000

0

Time-->





#25

2-Butanone

Concen: 285.050 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 438834

Ion Ratio Lower Upper

43 100

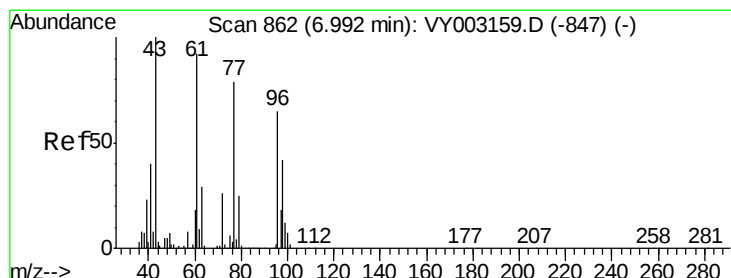
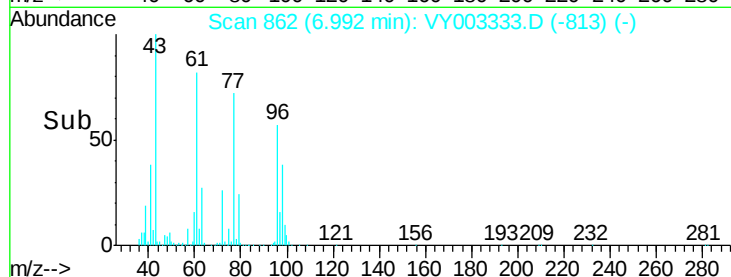
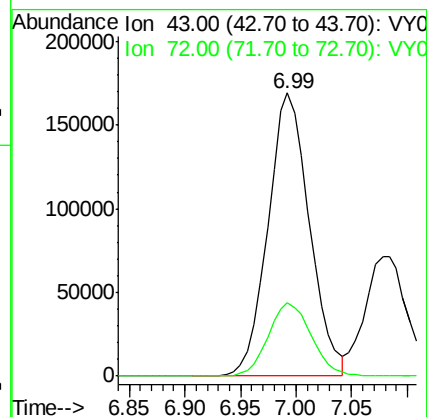
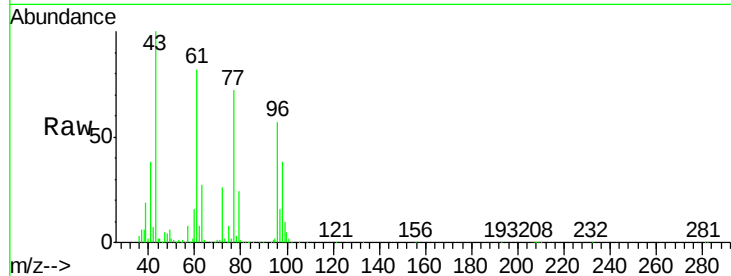
72 26.2 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 52.632 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003333.D

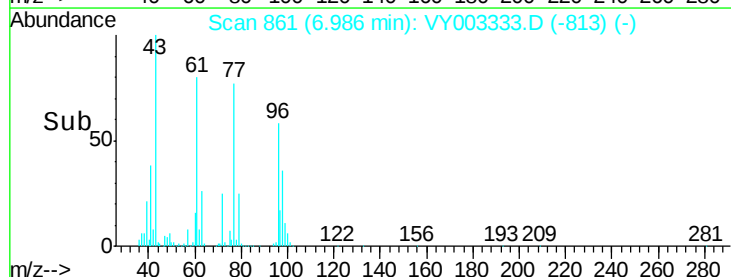
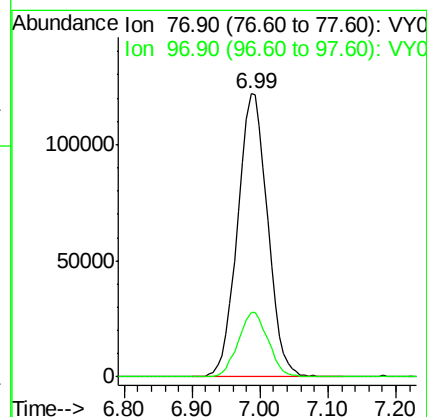
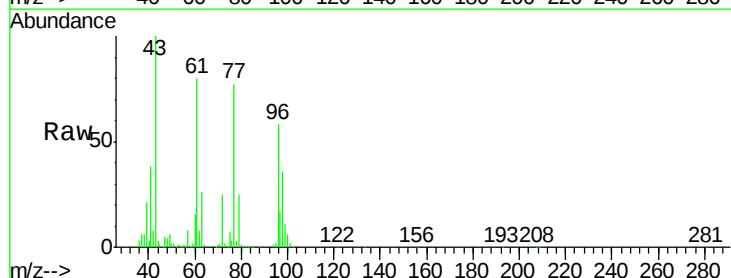
Acq: 24 Jul 2020 14:14

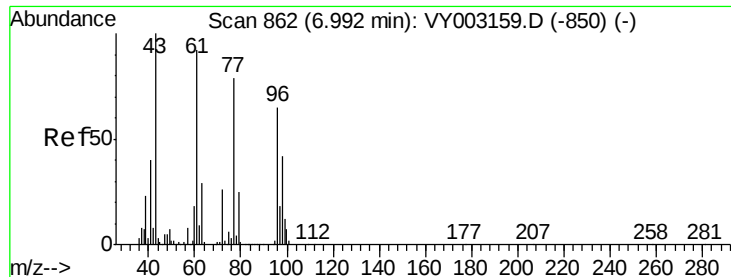
Tgt Ion: 77 Resp: 374251

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.7





#27

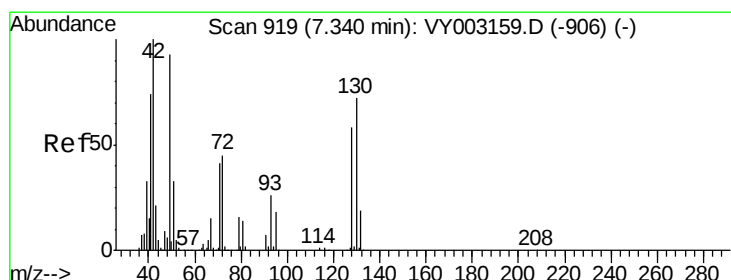
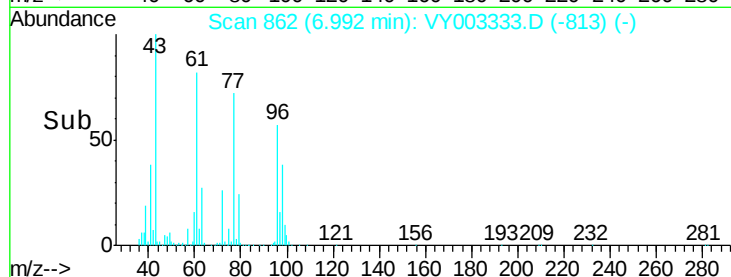
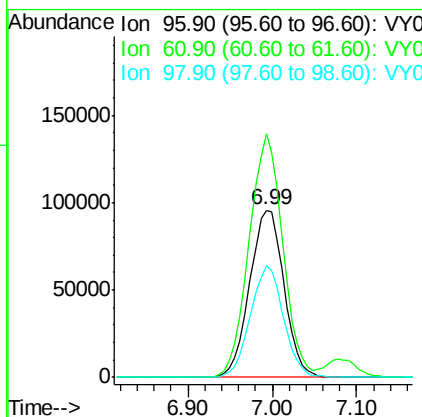
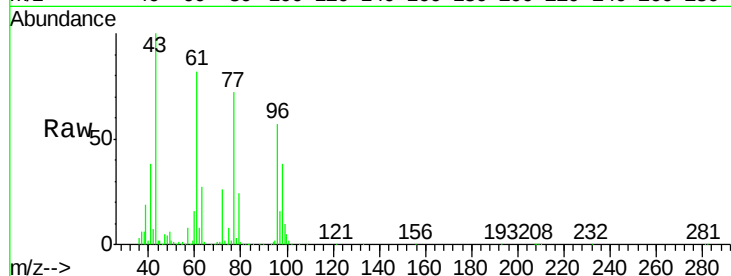
cis-1,2-Dichloroethene
 Concen: 51.591 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	265886		
61	142.4	0.0	281.2	
98	64.4	0.0	129.8	

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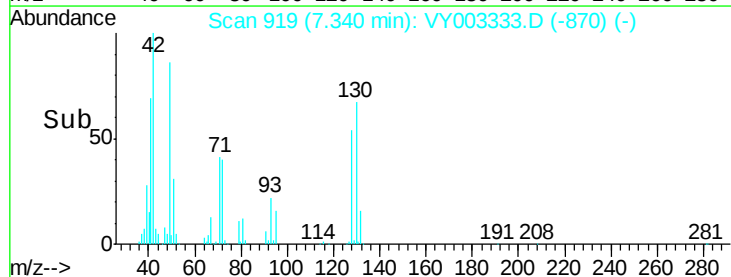
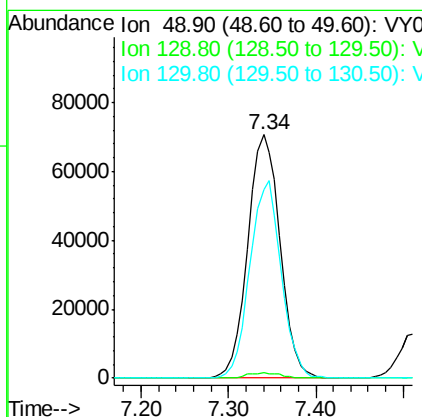
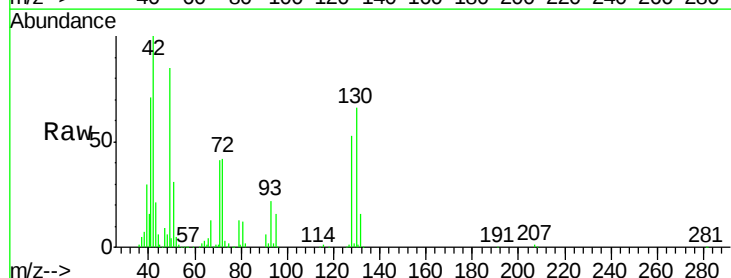
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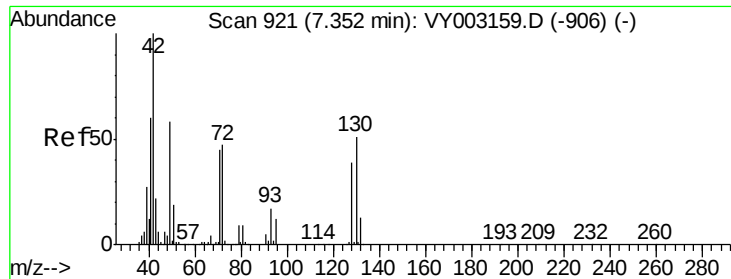


#28

Bromochloromethane
 Concen: 53.102 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	181526		
129	2.4	0.0	5.0	
130	78.7	64.9	97.3	





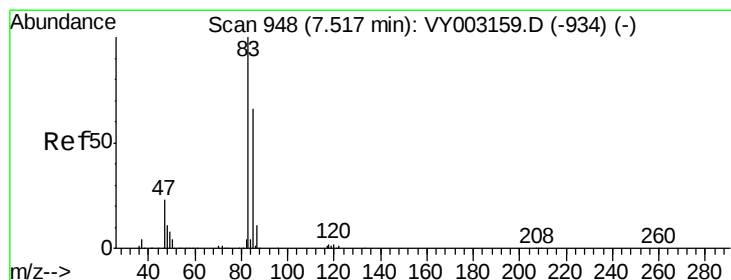
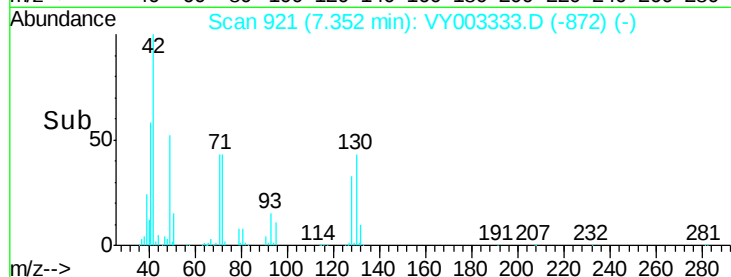
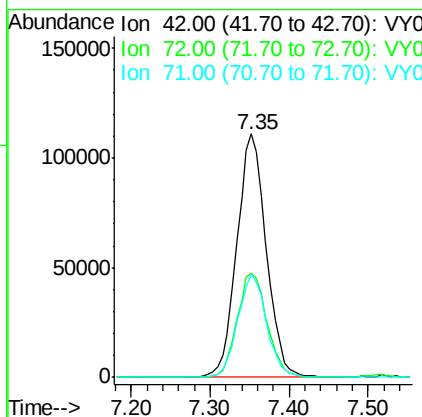
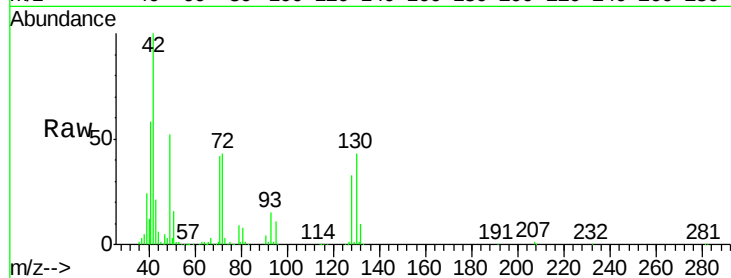
#29
Tetrahydrofuran
Concen: 277.302 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	36.7	55.1
71	41.6	34.2	51.4

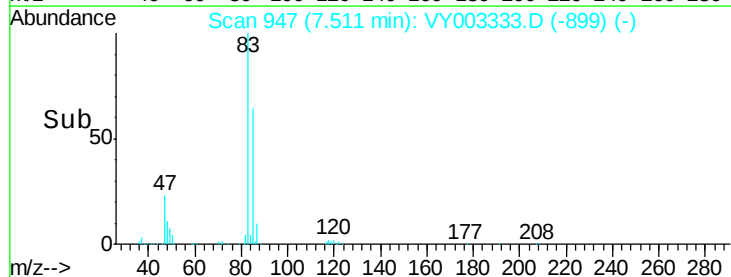
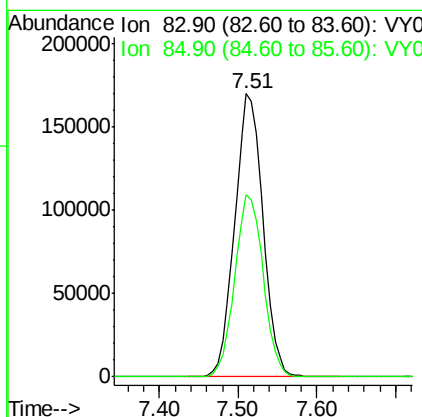
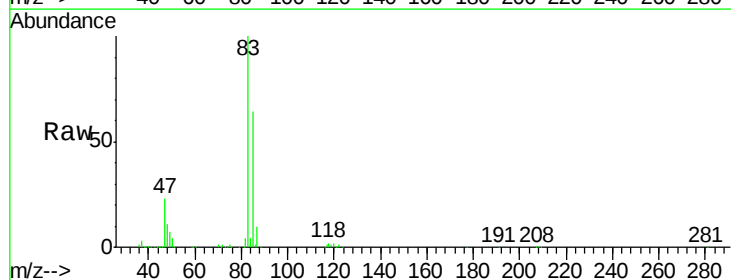
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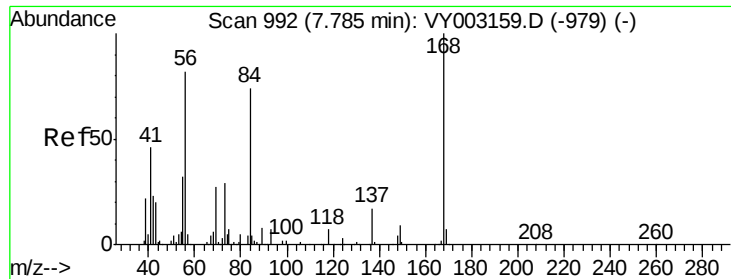
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#30
Chloroform
Concen: 52.063 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	78.8





#31

Cyclohexane

Concen: 47.712 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

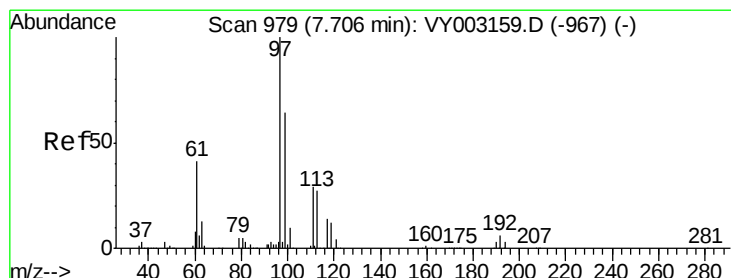
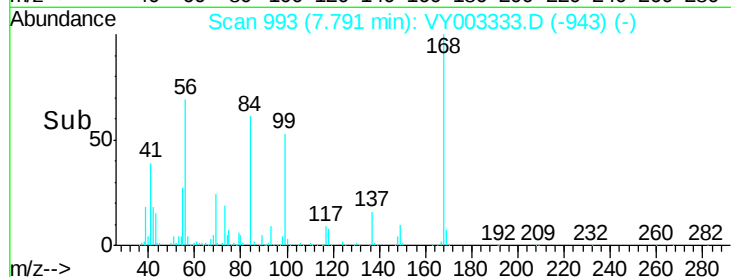
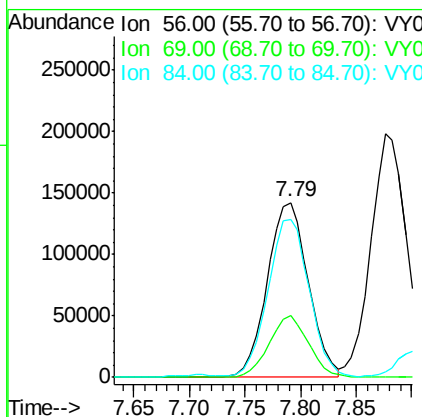
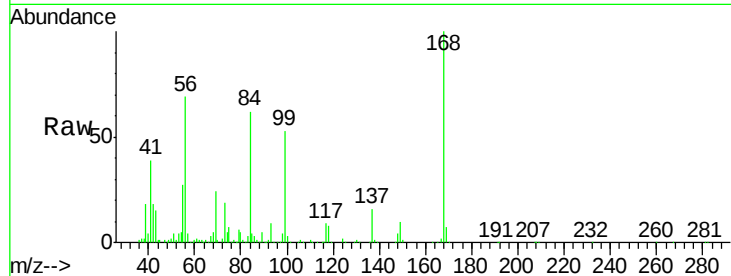
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	364281
Ion Ratio	Lower	Upper	
56	100		
69	35.0	26.7	40.1
84	88.9	72.3	108.5

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#32

1,1,1-Trichloroethane

Concen: 51.441 ug/l

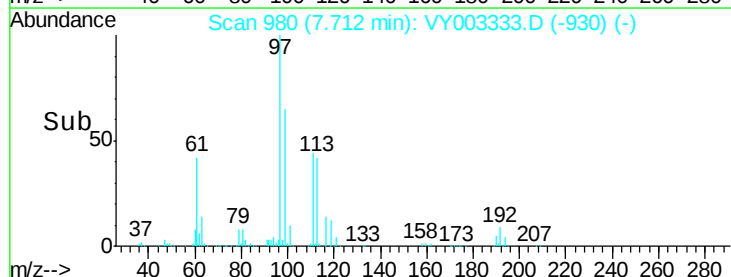
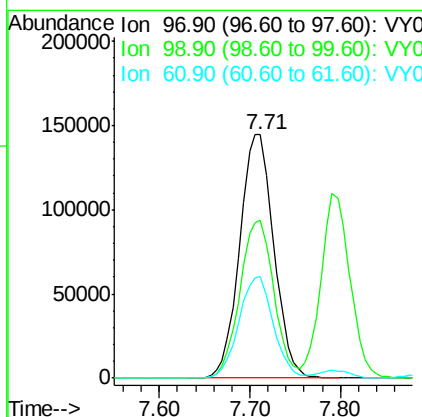
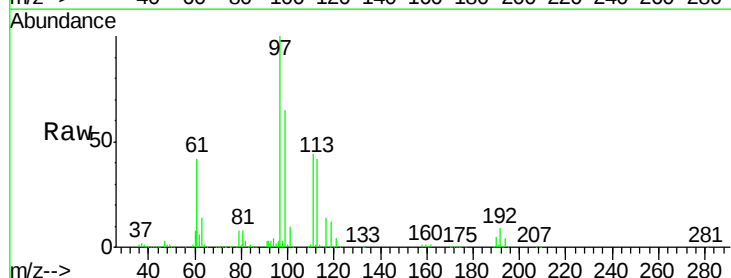
RT: 7.71 min Scan# 980

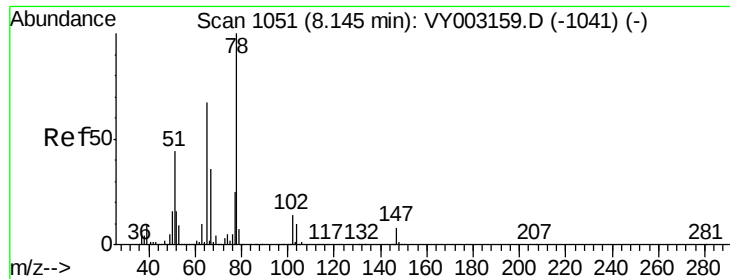
Delta R.T. 0.01 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	97	Resp:	376599
Ion Ratio	Lower	Upper	
97	100		
99	64.7	52.1	78.1
61	42.0	33.9	50.9





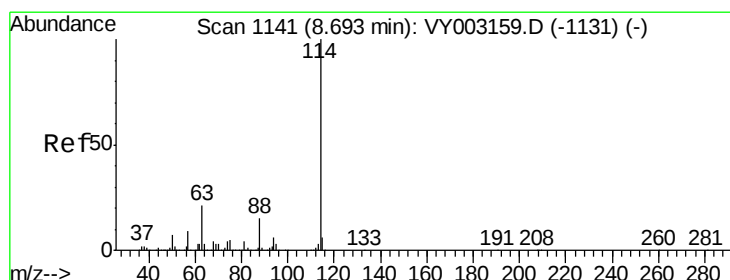
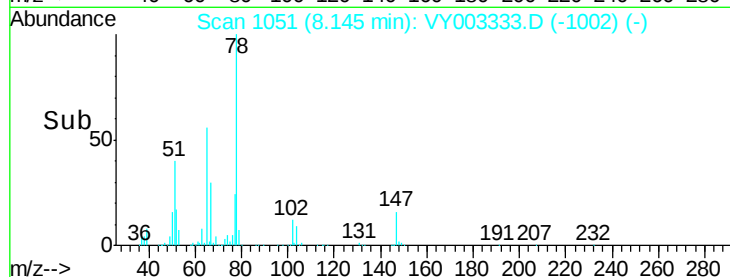
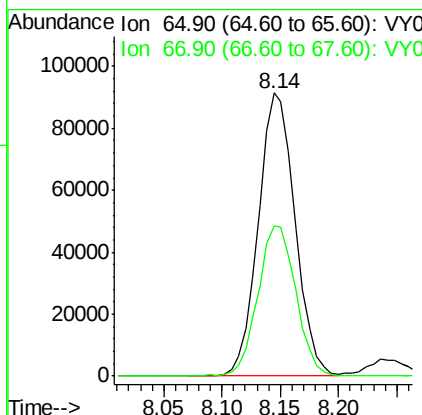
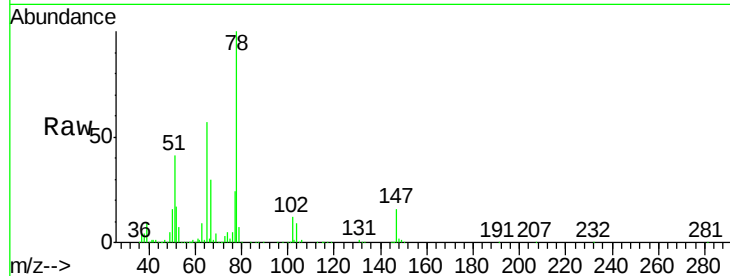
#33
 1,2-Dichloroethane-d4
 Concen: 47.461 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	199225		
67	55.0	0.0	105.2	

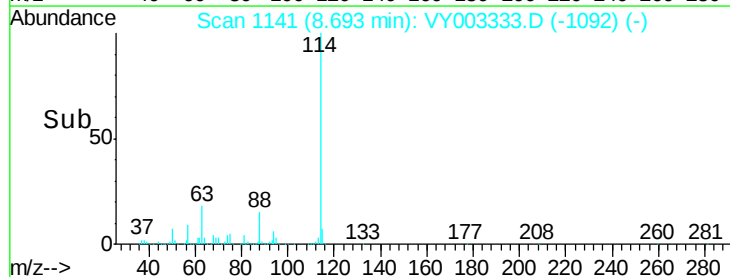
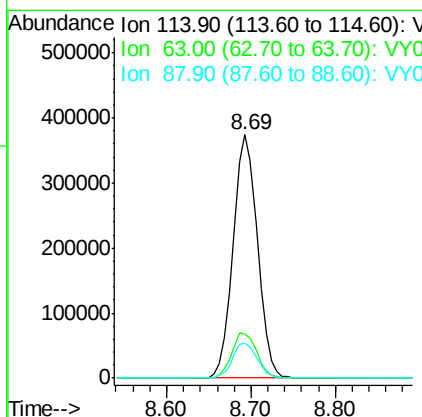
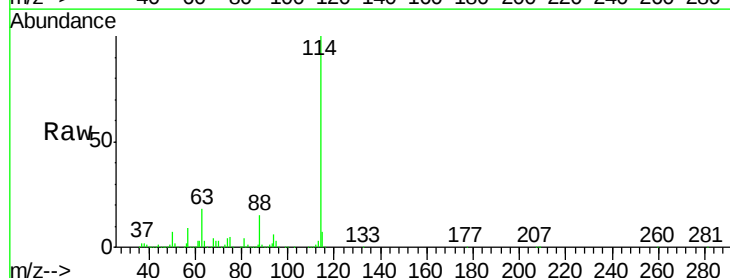
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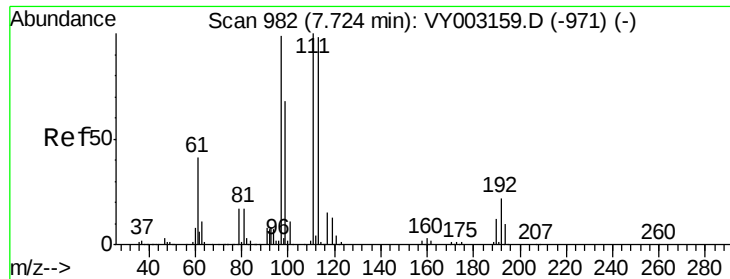
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	726260		
63	18.1	0.0	41.2	
88	14.6	0.0	30.2	





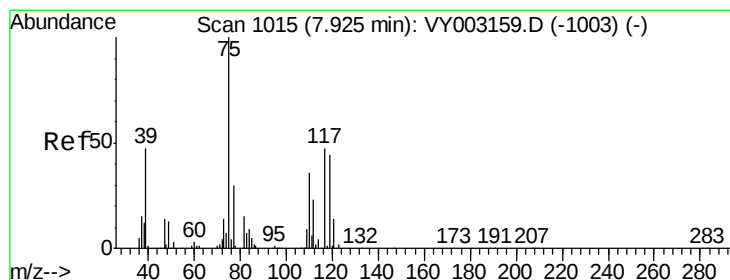
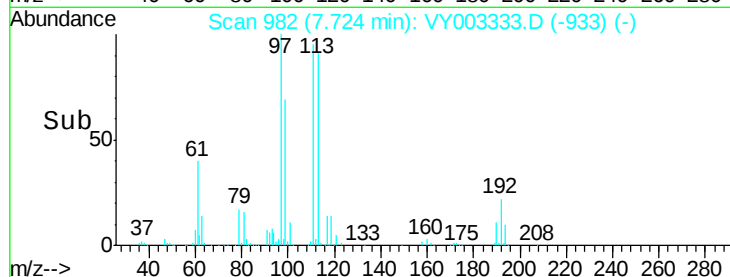
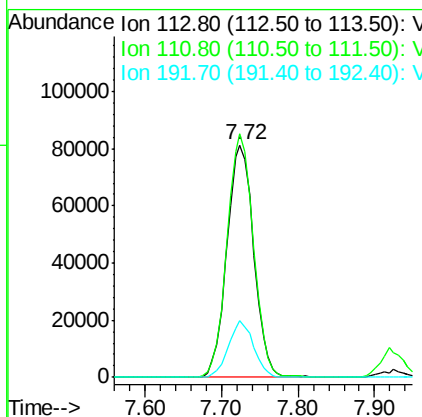
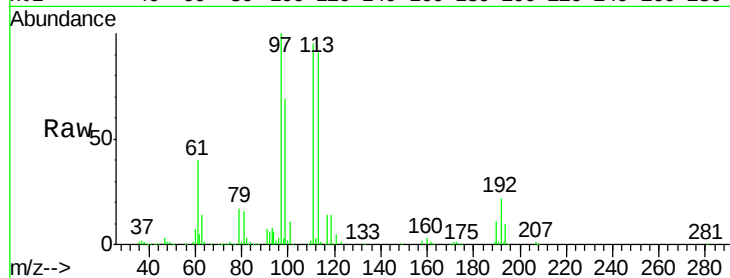
#35
 Dibromofluoromethane
 Concen: 47.283 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	197617		
111	103.0	82.1	123.1	
192	22.8	18.8	28.2	

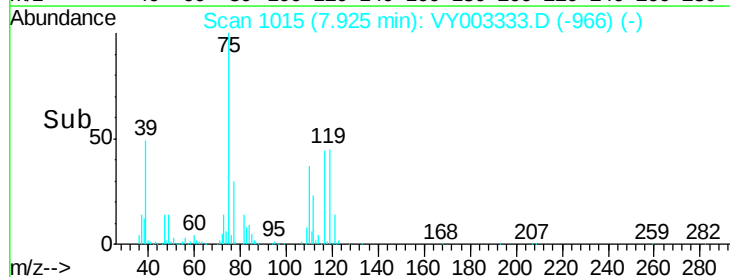
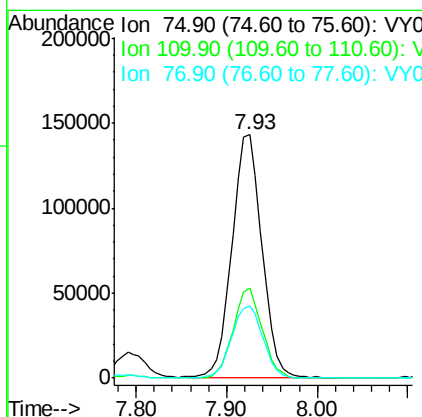
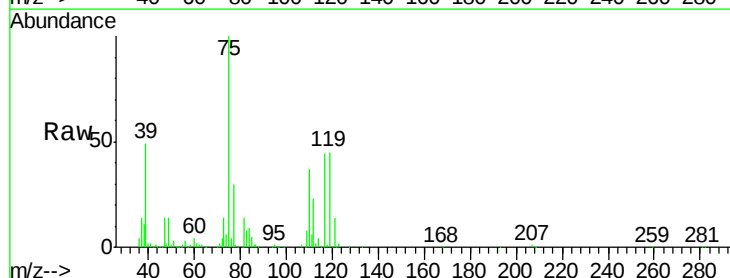
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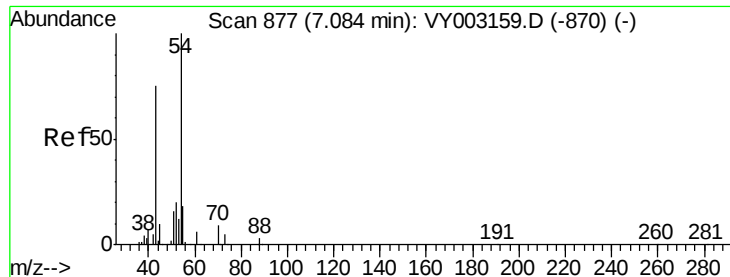
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#36
 1,1-Dichloropropene
 Concen: 49.597 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	326461		
110	36.2	18.1	54.1	
77	31.2	24.8	37.2	





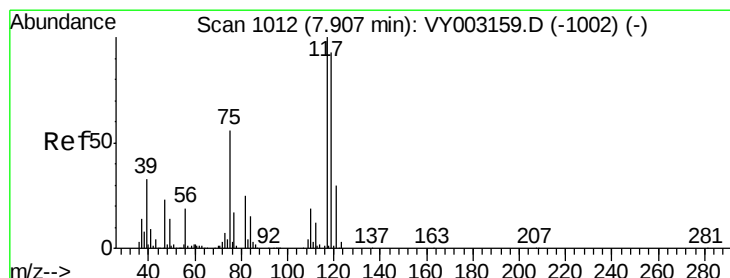
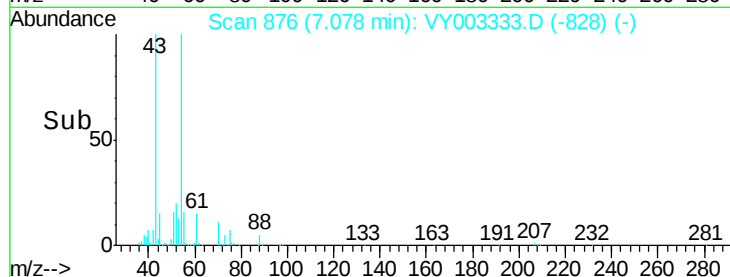
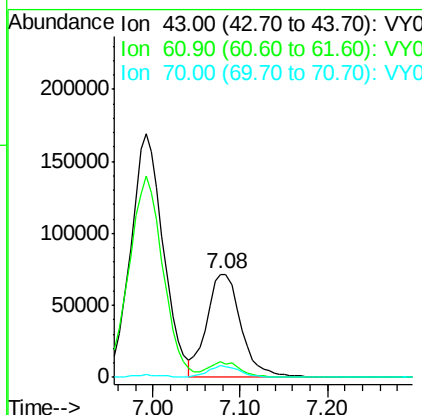
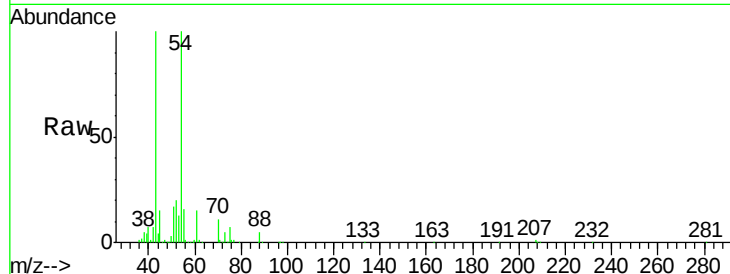
#37
Ethyl Acetate
Concen: 54.834 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.8	17.6
70	10.3	8.6	13.0

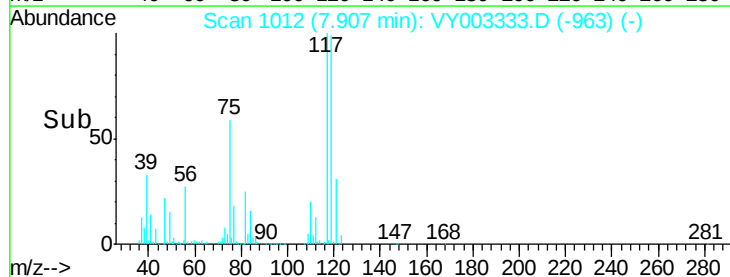
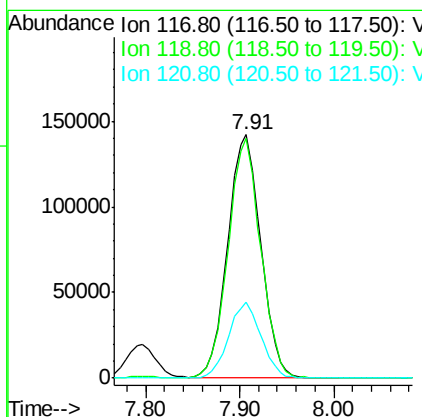
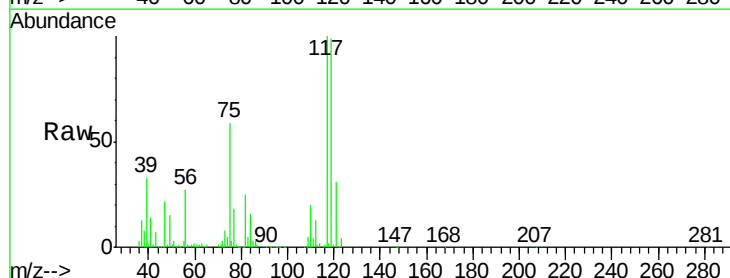
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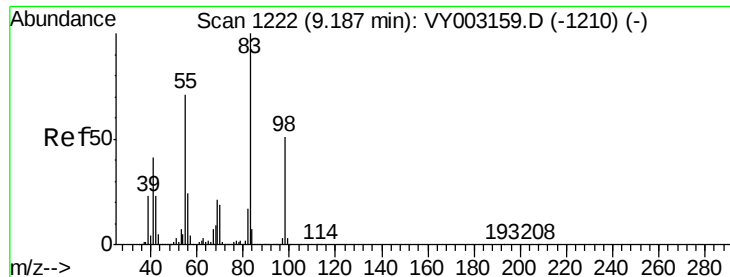
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#38
Carbon Tetrachloride
Concen: 50.930 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	74.5	111.7
121	31.1	24.2	36.2





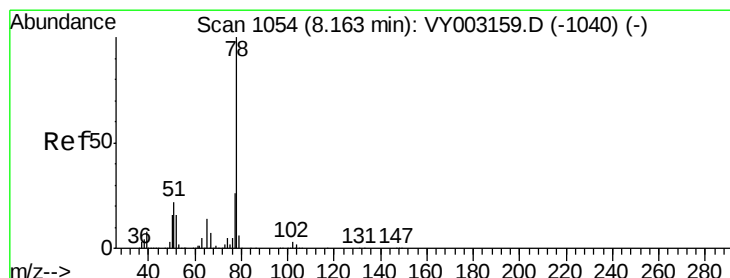
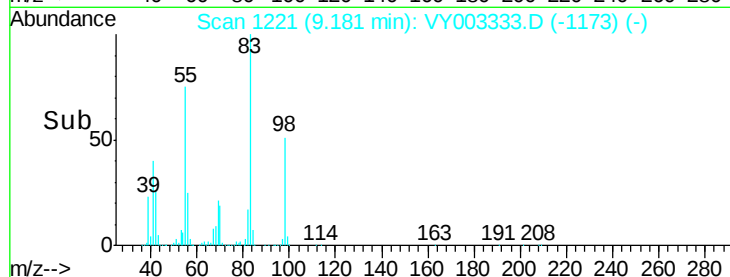
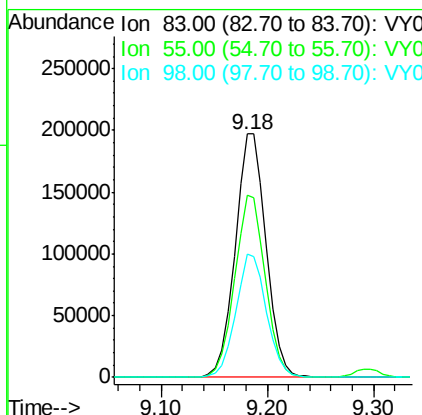
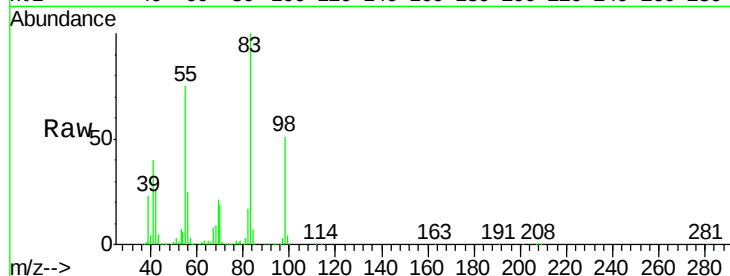
#39
Methvlcvclohexane
Concen: 48.429 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	400450
Ion Ratio	Lower	Upper	
83	100		
55	75.0	57.2	85.8
98	50.8	41.0	61.6

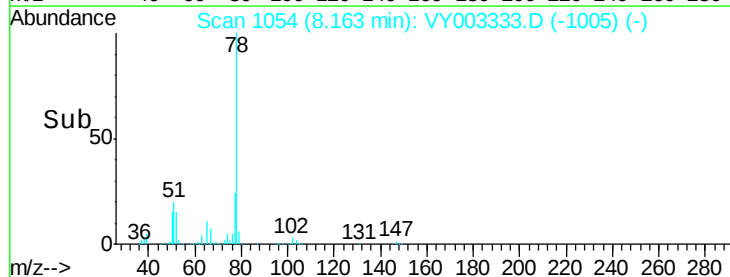
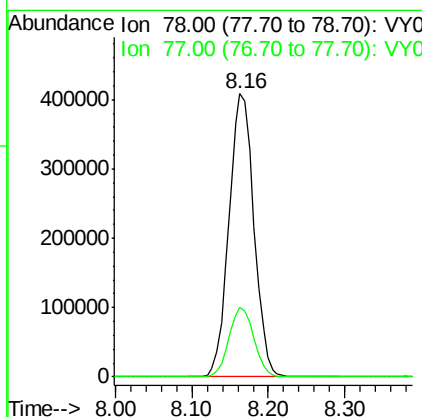
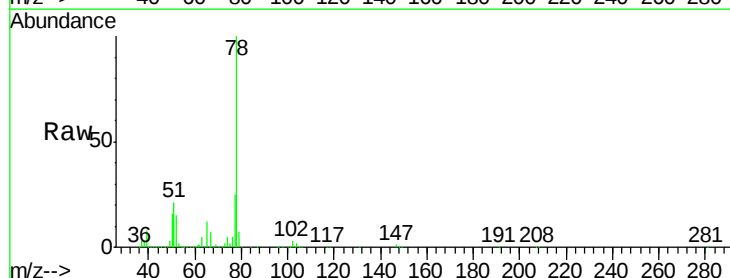
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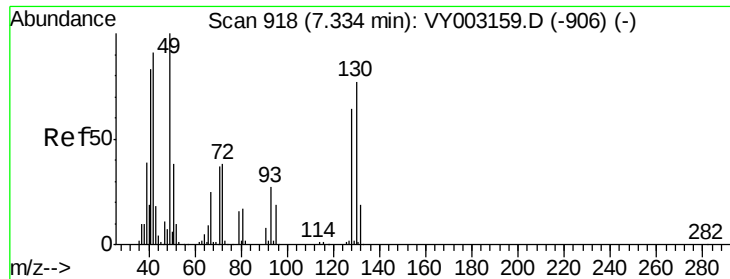
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#40
Benzene
Concen: 50.732 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	78	Resp	919484
Ion Ratio	Lower	Upper	
78	100		
77	24.5	20.7	31.1





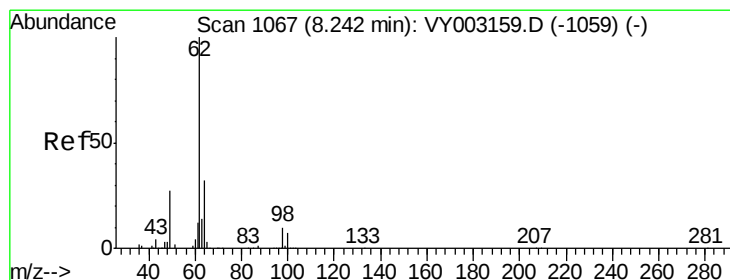
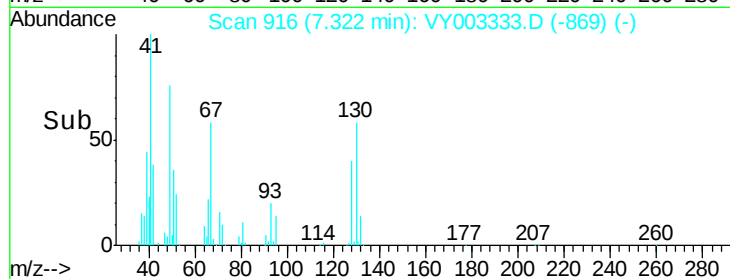
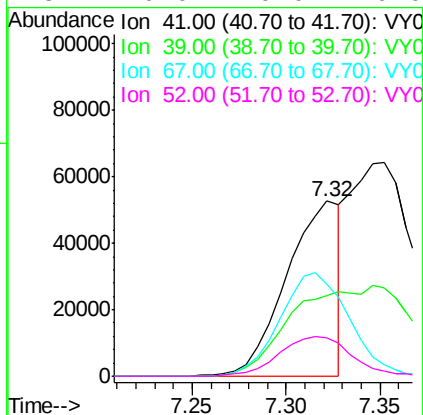
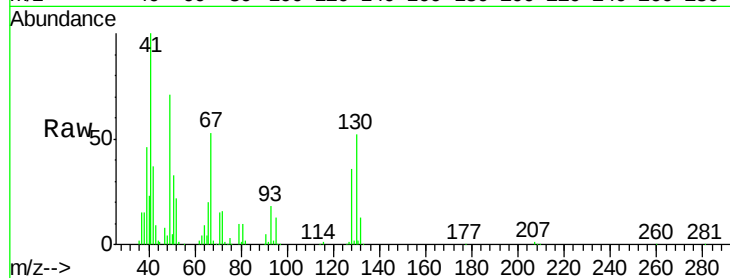
#41
Methacrylonitrile
Concen: 49.150 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	104931
Ion Ratio	Lower	Upper	
41	100		
39	116.3	83.3	124.9
67	0.0	0.0	0.0
52	0.0	0.0	0.0

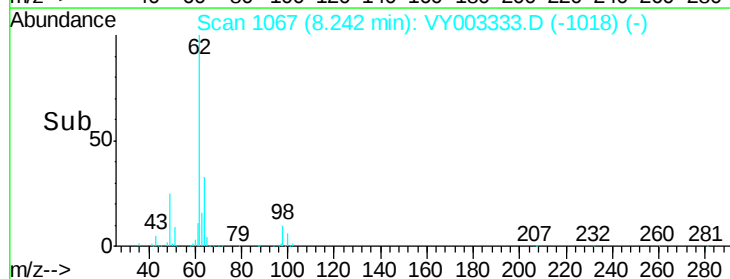
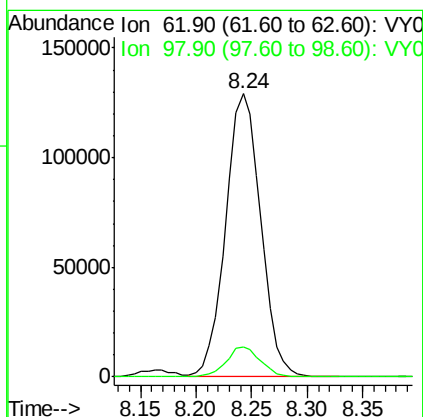
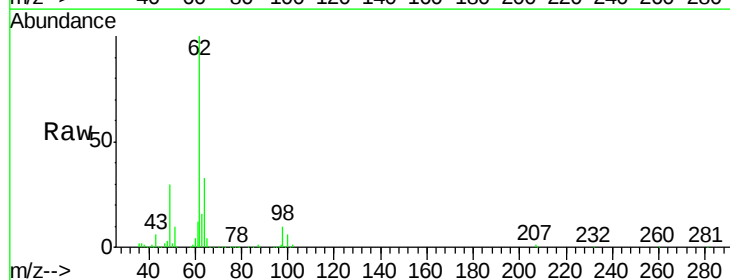
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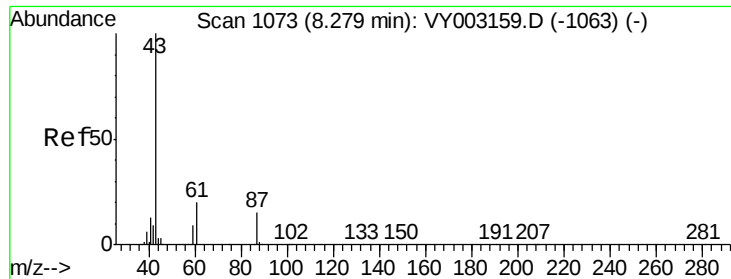
MMDadoda
7/27/2020 12:03:22 PM



#42
1,2-Dichloroethane
Concen: 50.422 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	62	Resp	281345
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	19.0





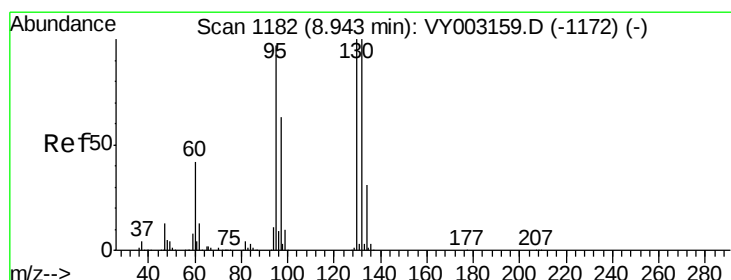
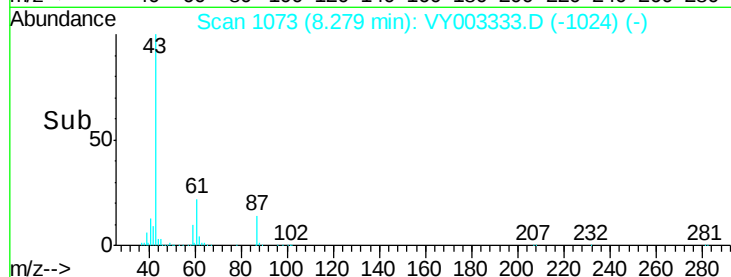
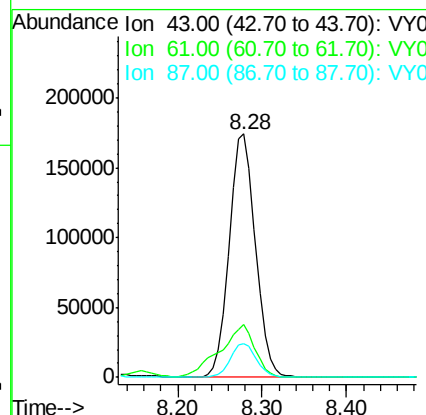
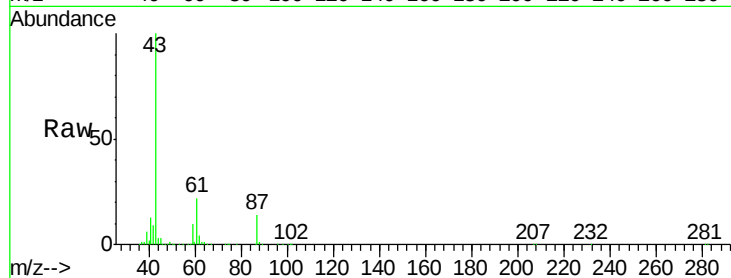
#43
Isopropyl Acetate
Concen: 53.896 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.7	35.5
87	13.6	11.4	17.0

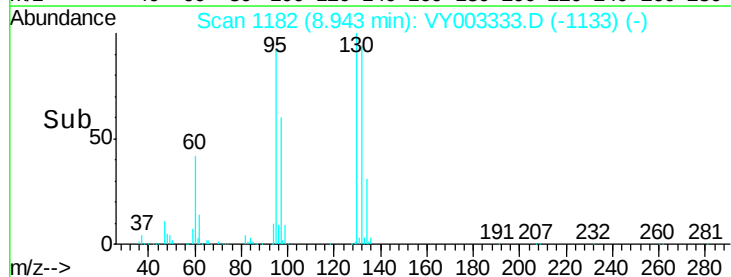
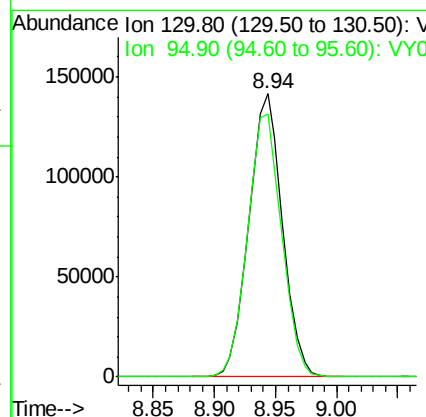
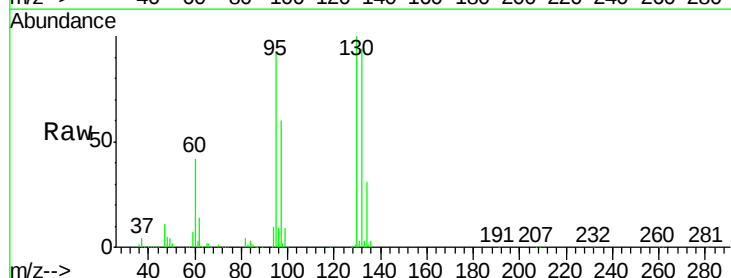
Manual Integrations
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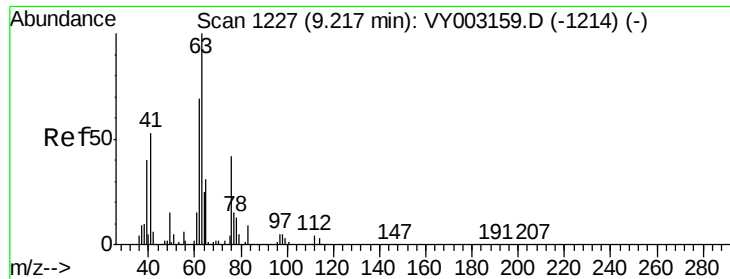
MMDadoda
7/27/2020 12:03:22 PM



#44
Trichloroethene
Concen: 48.581 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.1	0.0	193.8





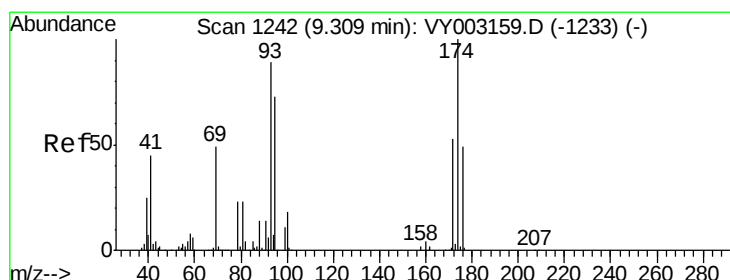
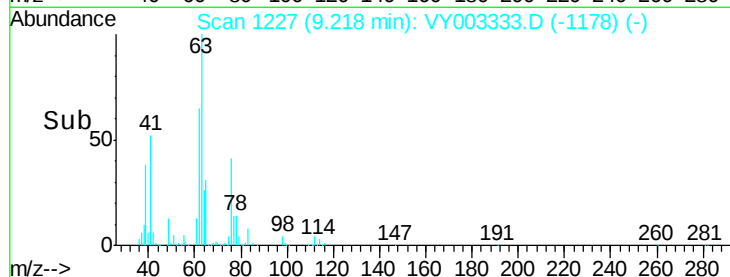
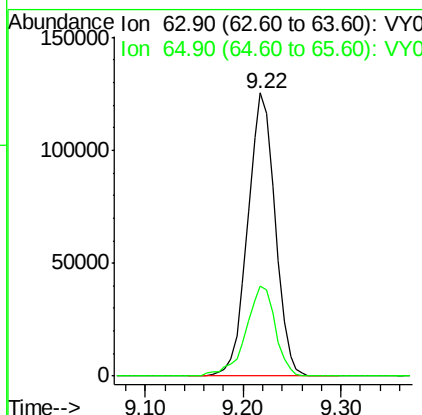
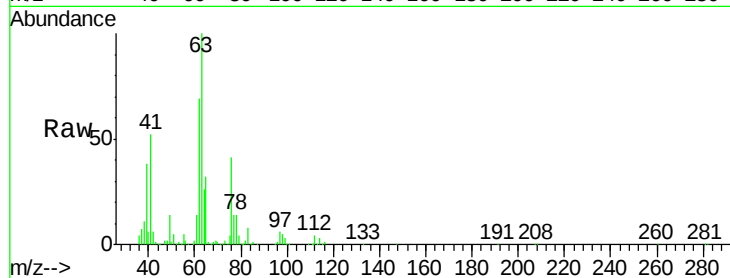
#45
 1,2-Dichloropropane
 Concen: 51.978 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	63	Resp	243764
Ion Ratio	Lower	Upper	
63	100		
65	31.8	25.0	37.4

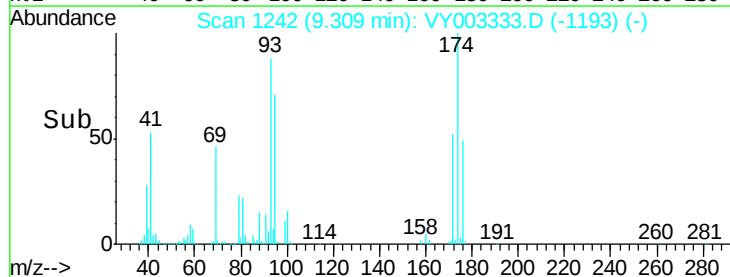
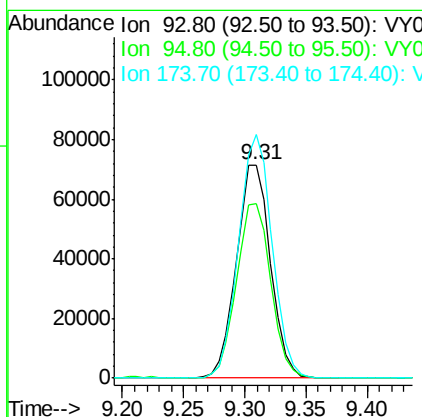
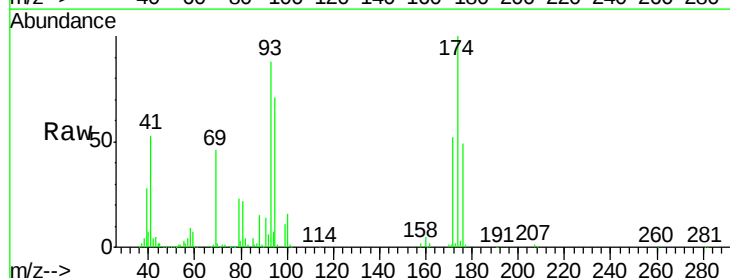
Manual Integrations
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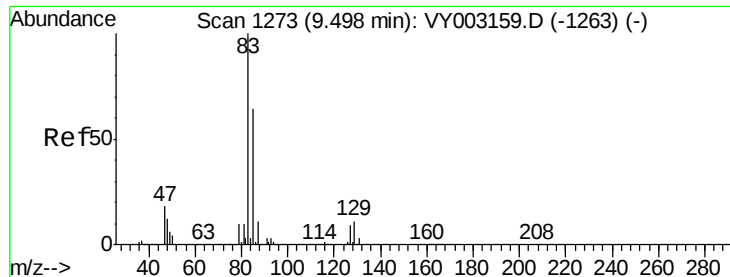
MMDadoda
 7/27/2020 12:03:22 PM



#46
 Dibromomethane
 Concen: 50.497 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	93	Resp	138316
Ion Ratio	Lower	Upper	
93	100		
95	82.6	66.6	99.8
174	112.4	90.2	135.4





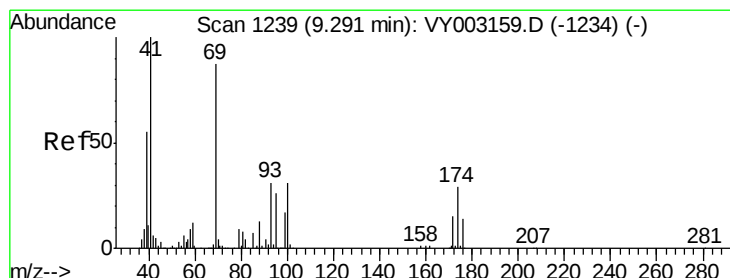
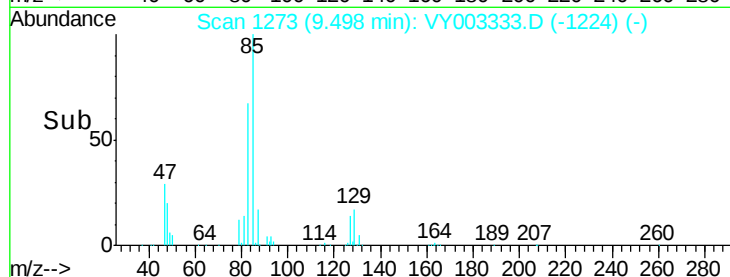
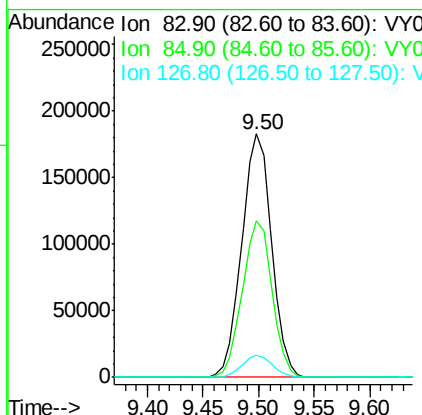
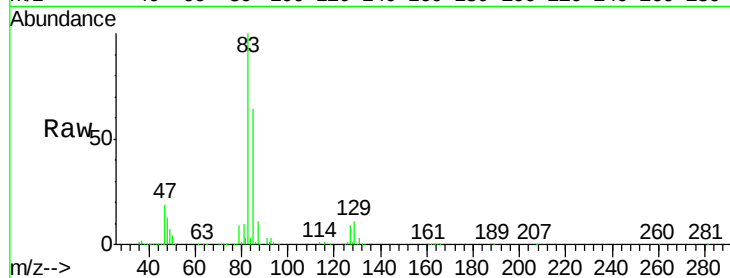
#47
Bromodichloromethane
Concen: 52.251 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.9	76.3
127	9.0	7.0	10.4

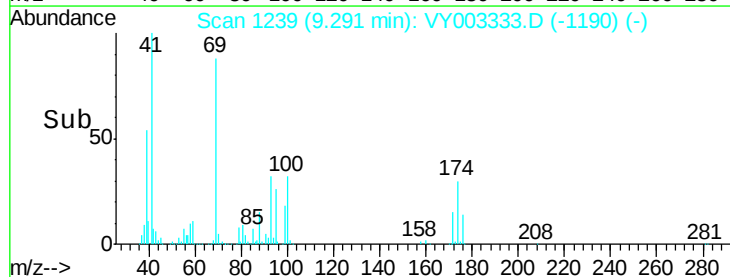
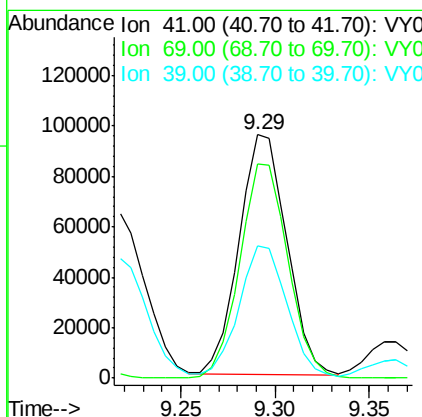
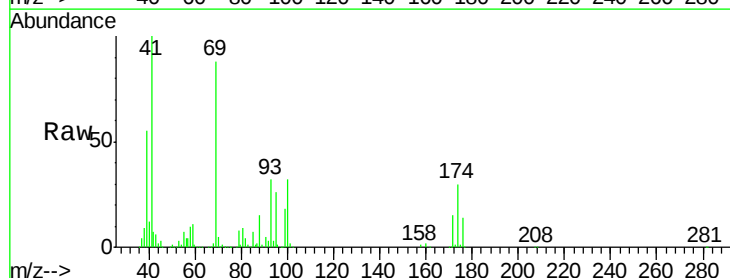
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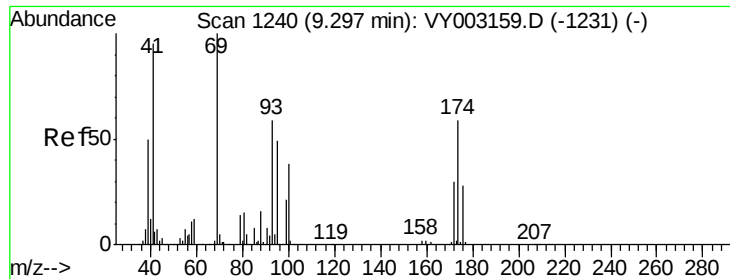
MMDadoda
7/27/2020 12:03:22 PM



#48
Methyl methacrylate
Concen: 54.570 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.0	74.5	111.7
39	55.9	47.5	71.3





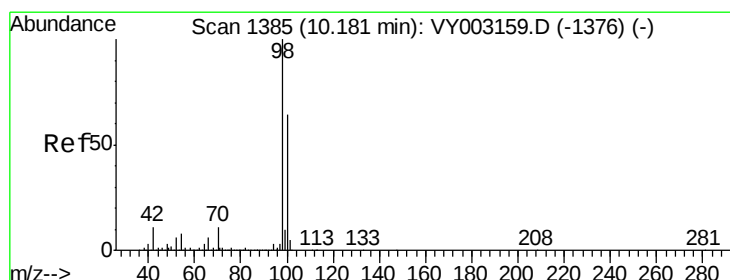
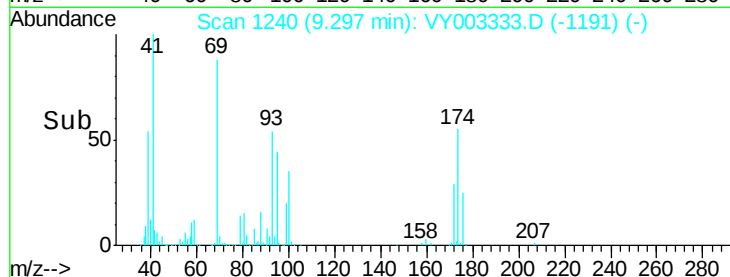
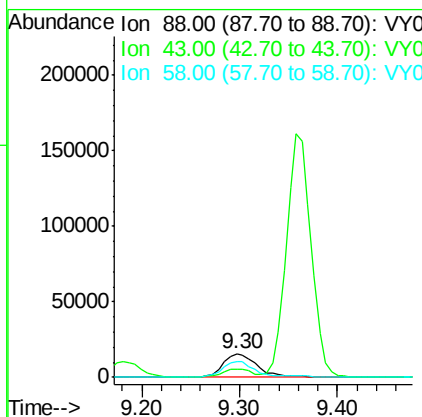
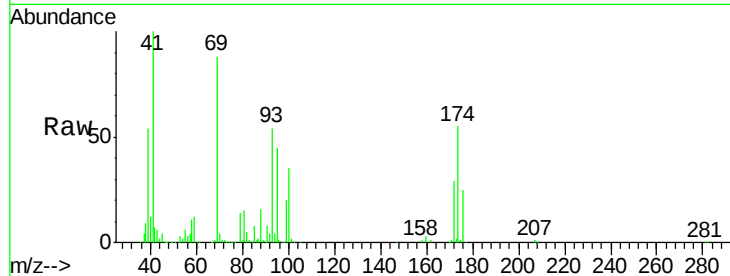
#49
1,4-Dioxane
Concen: 1121.943 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	39003
Ion	Ratio	Lower	Upper
88	100		
43	29.6	25.6	38.4
58	68.2	47.8	71.6

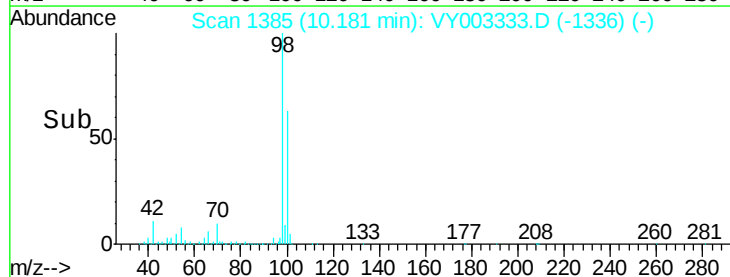
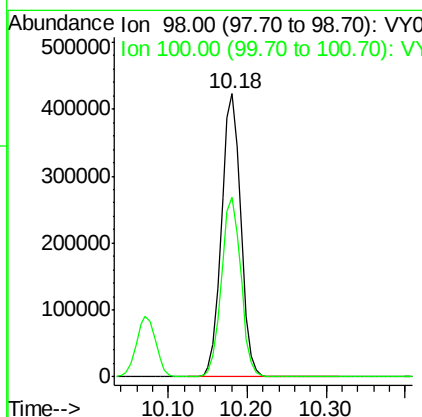
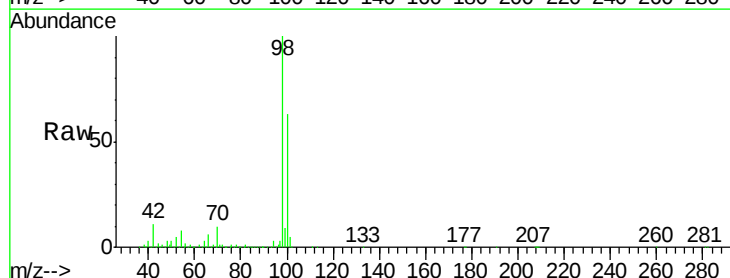
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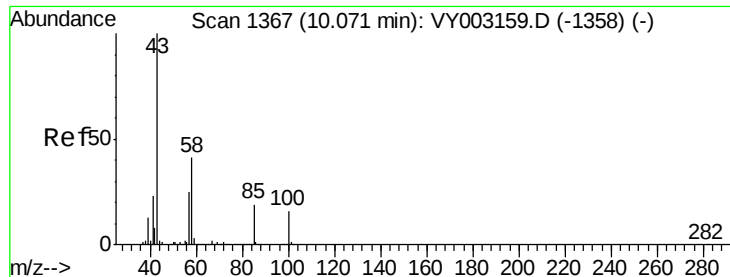
MMDadoda
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#50
Toluene-d8
Concen: 46.242 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	98	Resp	718525
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.7	76.1





#51

4-Methyl-2-Pentanone

Concen: 276.373 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 985641

Ion Ratio Lower Upper

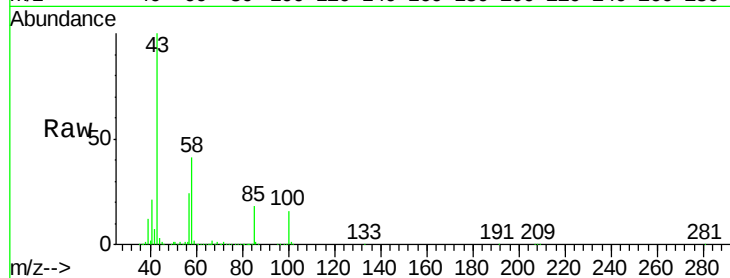
43 100

58 40.4 32.7 49.1

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

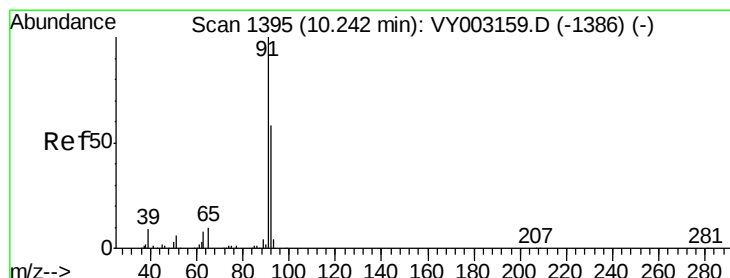
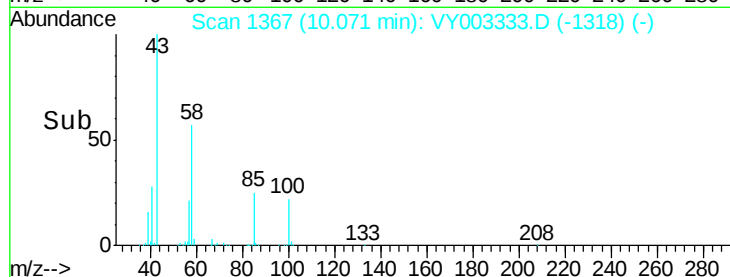
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.889 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003333.D

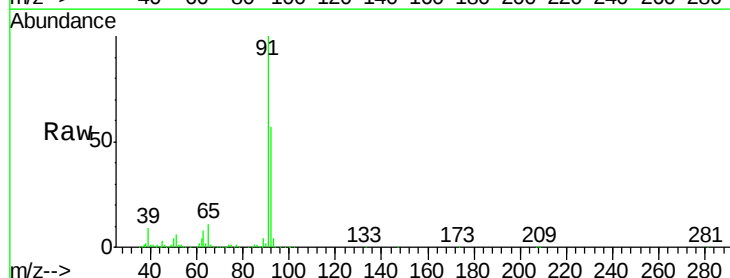
Acq: 24 Jul 2020 14:14

Tgt Ion: 92 Resp: 589523

Ion Ratio Lower Upper

92 100

91 175.1 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

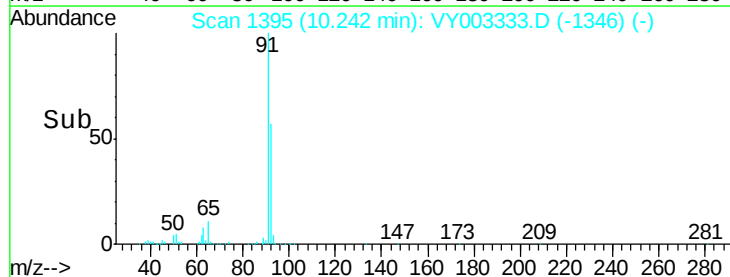
600000

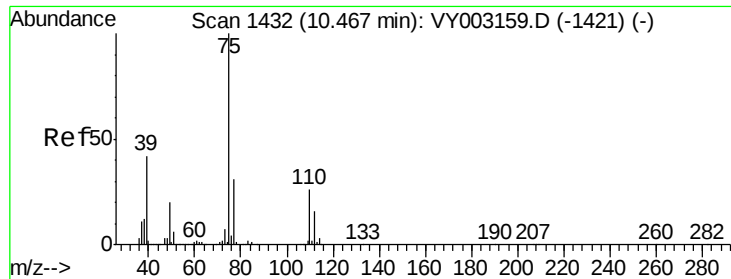
400000

200000

0

Time-->





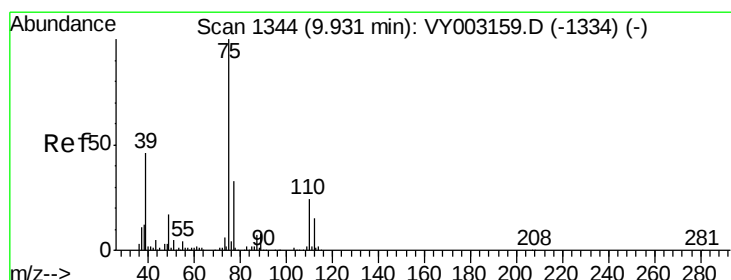
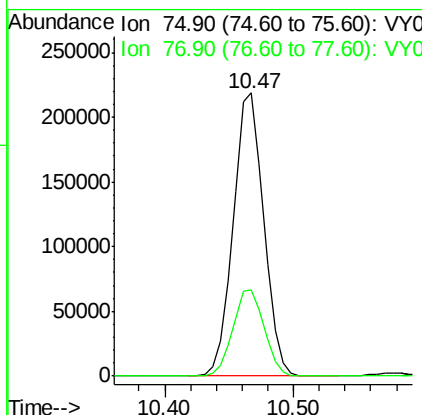
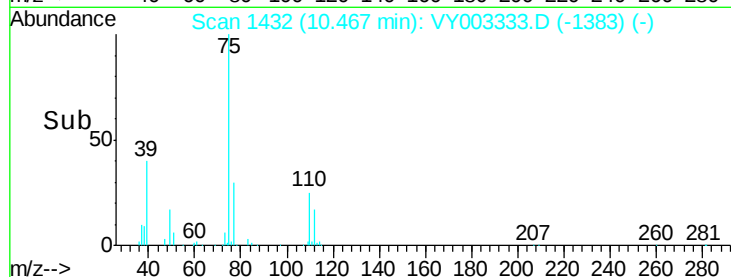
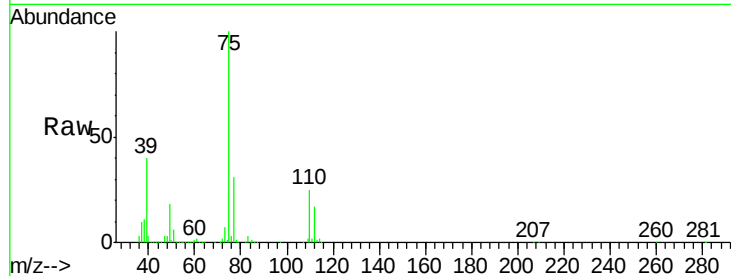
#53
t-1,3-Dichloropropene
Concen: 53.307 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 359801
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8

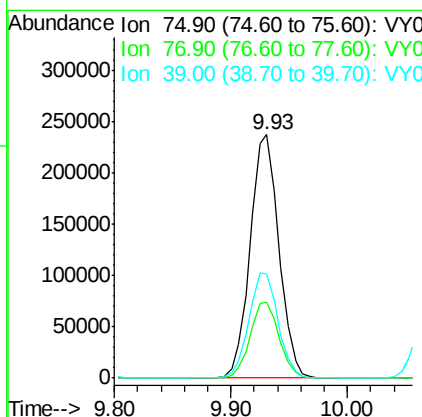
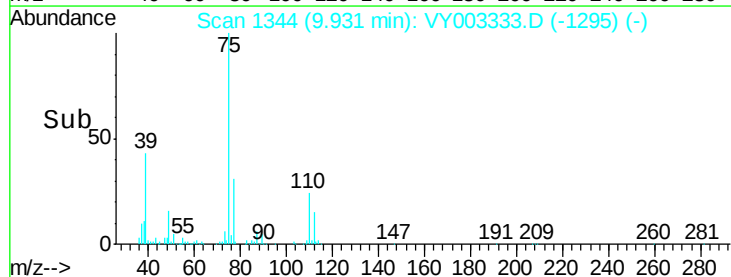
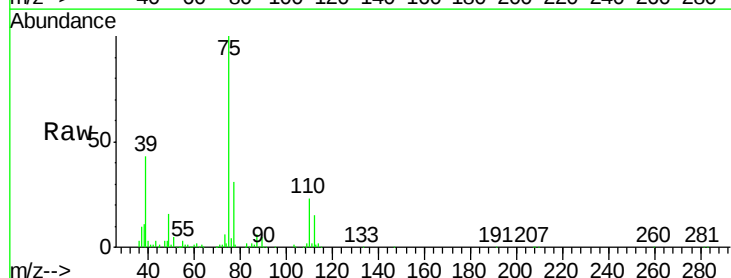
Manual Integrations
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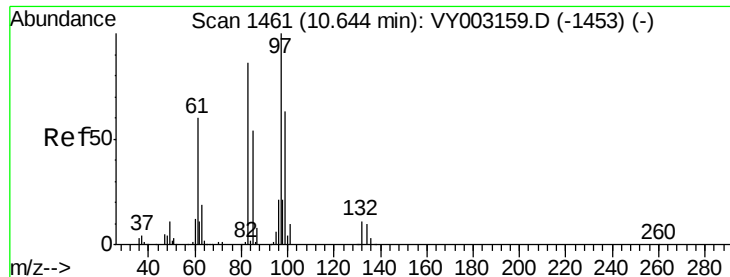
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.496 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion: 75 Resp: 408258
Ion Ratio Lower Upper
75 100
77 31.1 26.7 40.1
39 42.7 37.0 55.6





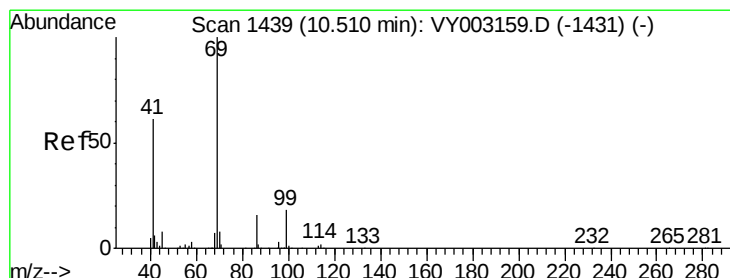
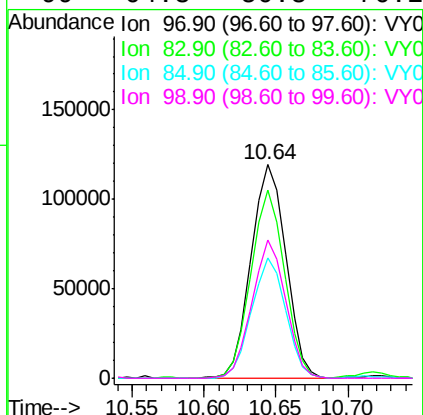
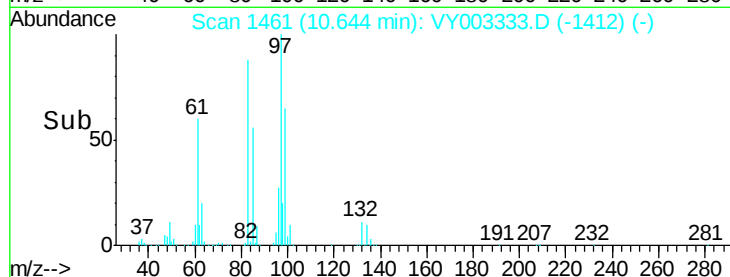
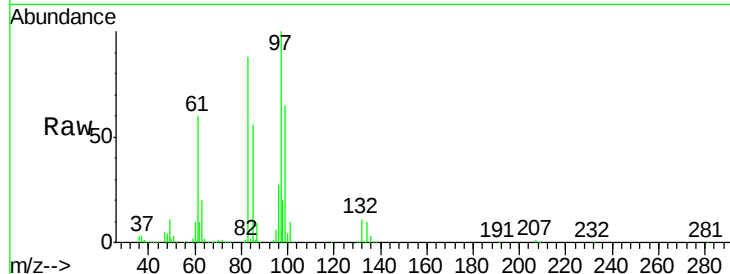
#55
 1,1,2-Trichloroethane
 Concen: 51.592 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	200249
Ion	Ratio	Lower	Upper
97	100		
83	87.9	68.8	103.2
85	56.0	43.1	64.7
99	64.8	50.8	76.2

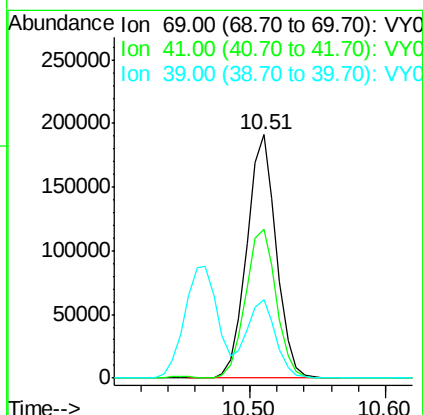
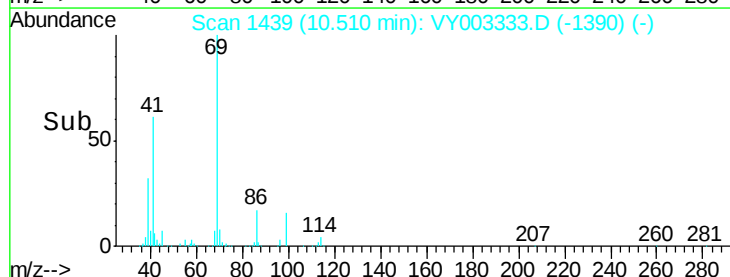
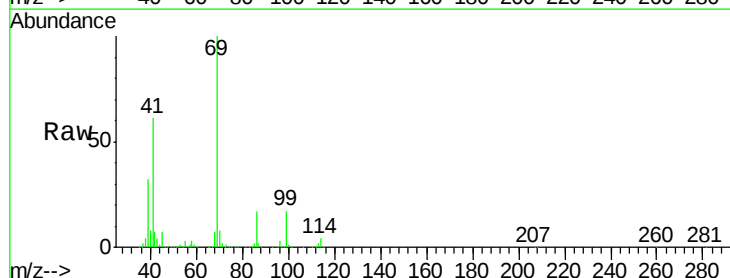
Manual Integrations
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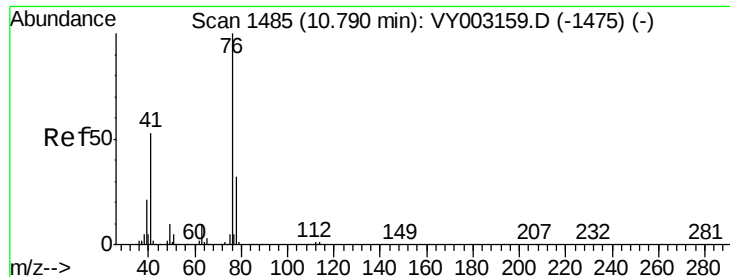
MMDadoda
 7/27/2020 12:03:22 PM



#56
 Ethyl methacrylate
 Concen: 54.807 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion:	69	Resp:	289214
Ion	Ratio	Lower	Upper
69	100		
41	63.7	50.0	75.0
39	32.2	27.6	41.4





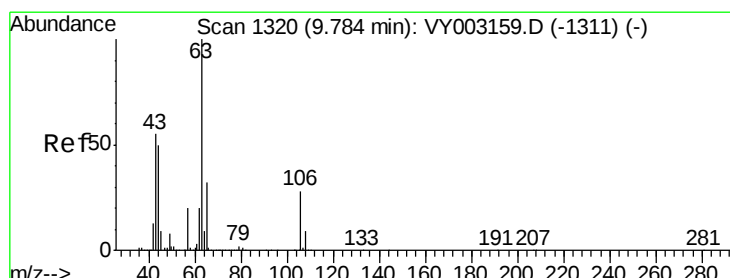
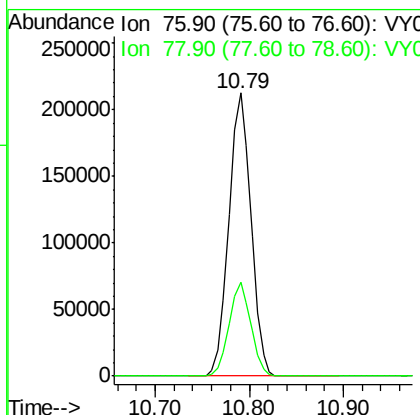
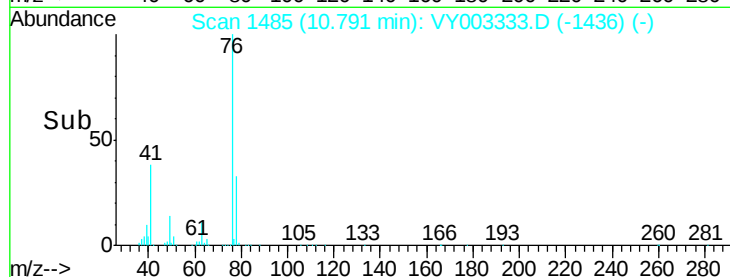
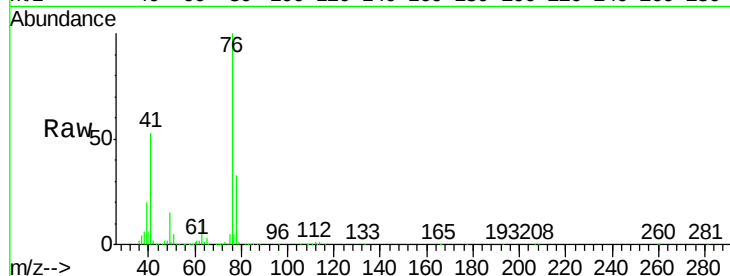
#57
 1,3-Dichloropropane
 Concen: 52.742 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 347104
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.0 39.0

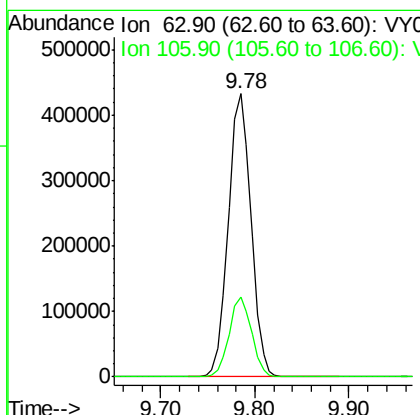
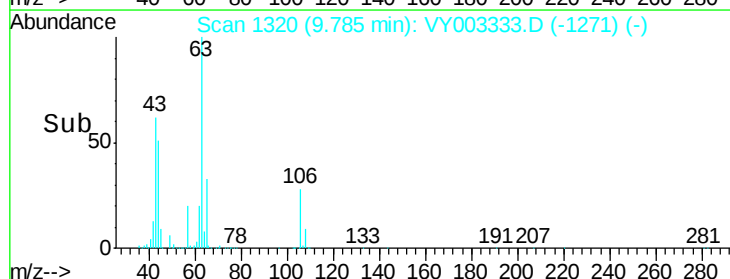
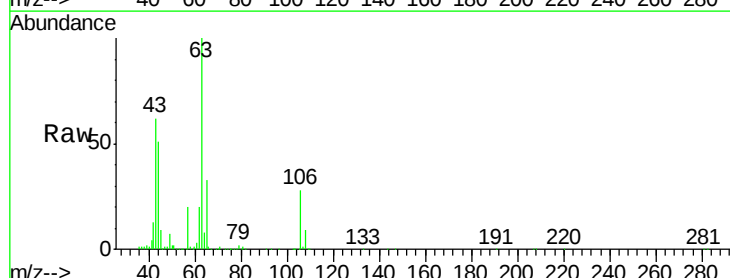
Manual Integrations
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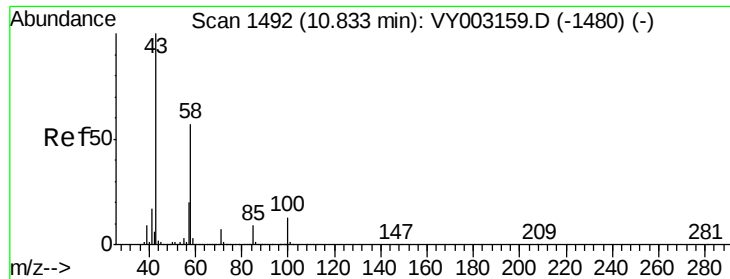
MMDadoda
 7/27/2020 12:03:22 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 269.184 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion: 63 Resp: 724437
 Ion Ratio Lower Upper
 63 100
 106 27.8 22.9 34.3





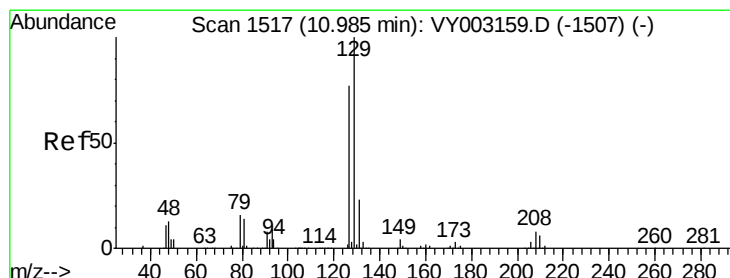
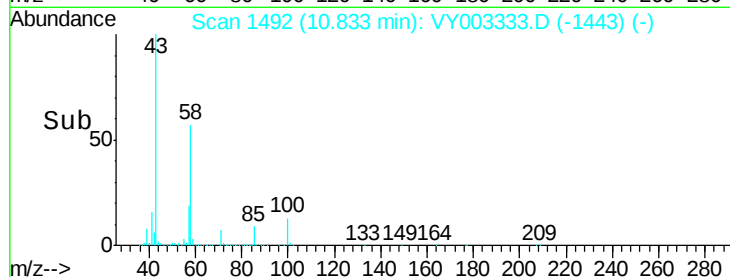
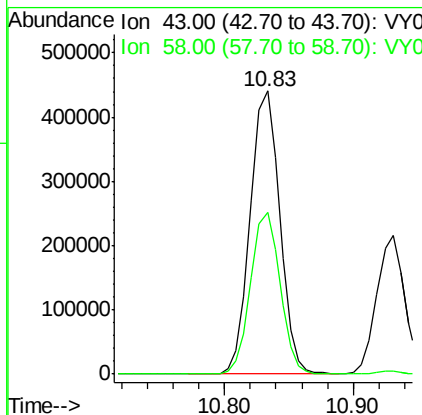
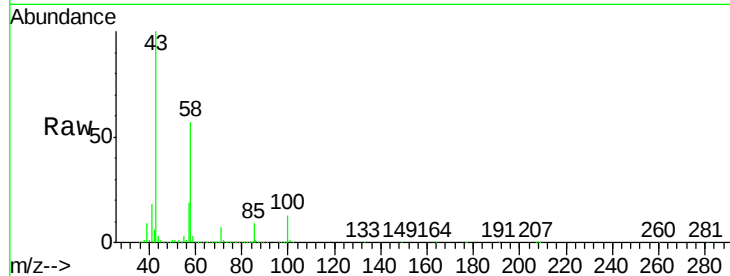
#59
2-Hexanone
Concen: 280.499 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 698320
Ion Ratio Lower Upper
43 100
58 56.9 28.3 85.0

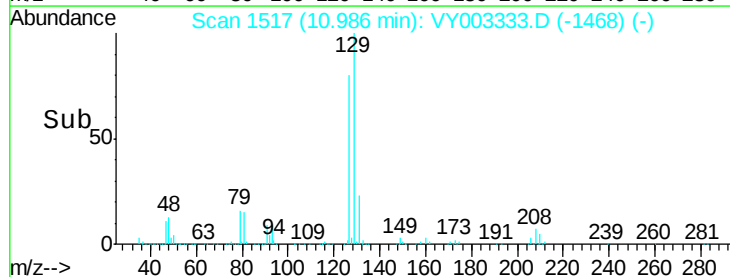
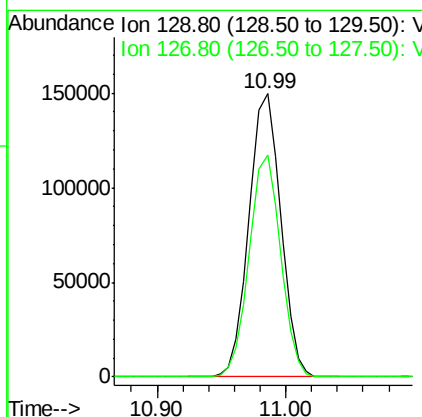
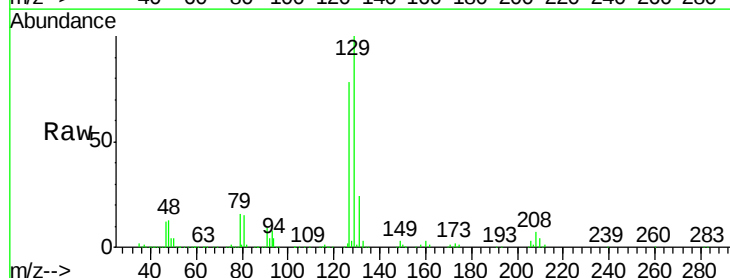
Manual Integrations
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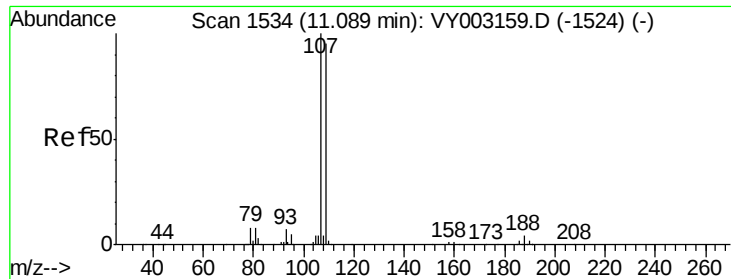
MMDadoda
7/27/2020 12:03:22 PM



#60
Dibromochloromethane
Concen: 52.368 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion: 129 Resp: 255653
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





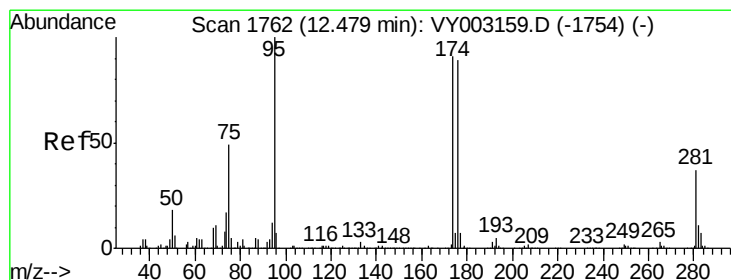
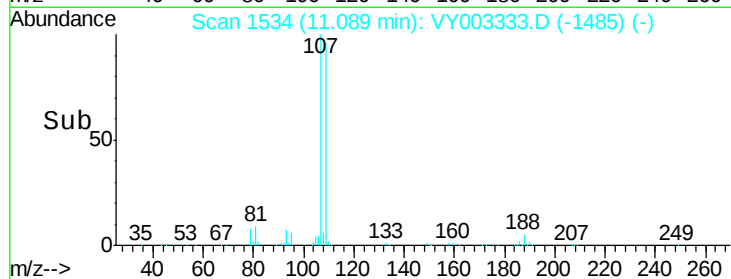
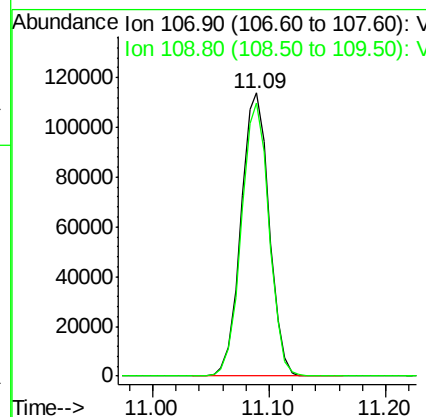
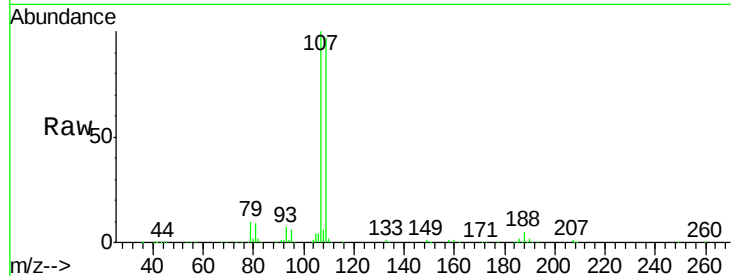
#61
 1,2-Dibromoethane
 Concen: 49.947 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.6	113.4

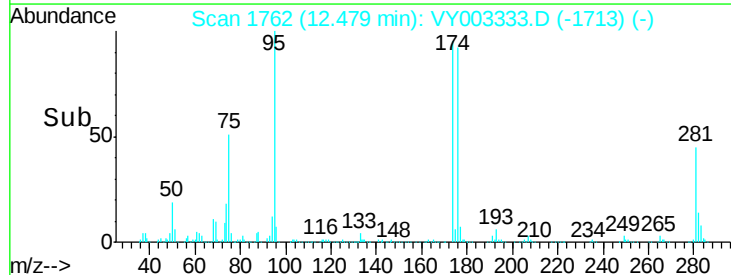
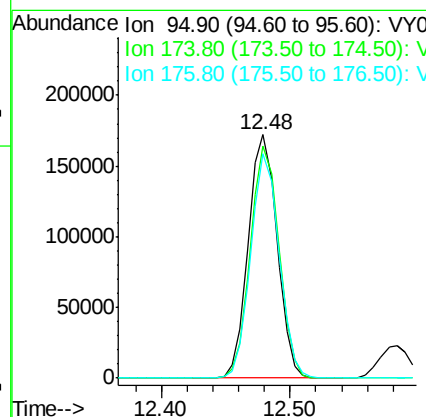
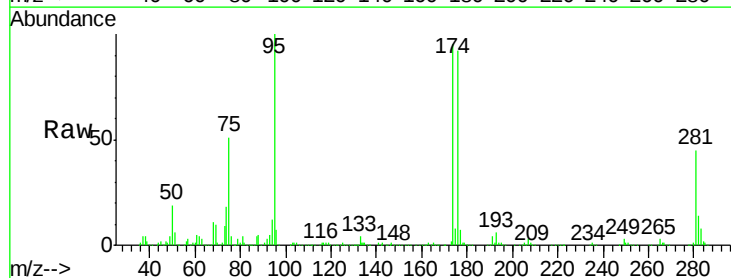
Manual Integrations
 APPROVED

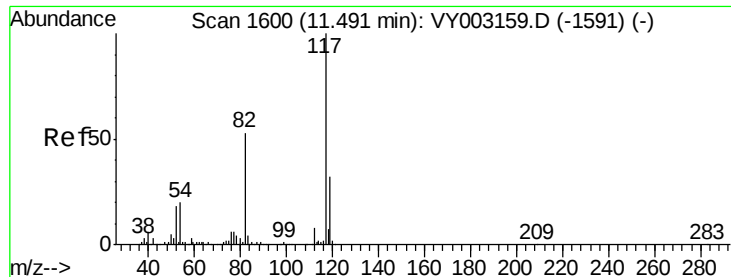
MMDadoda
 7/27/2020 12:03:22 PM



#62
 4-Bromofluorobenzene
 Concen: 47.080 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	190.6
176	91.0	0.0	186.4





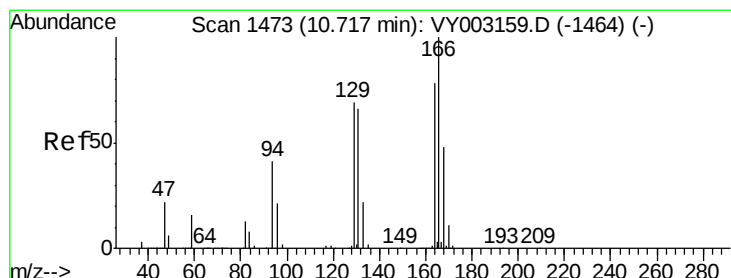
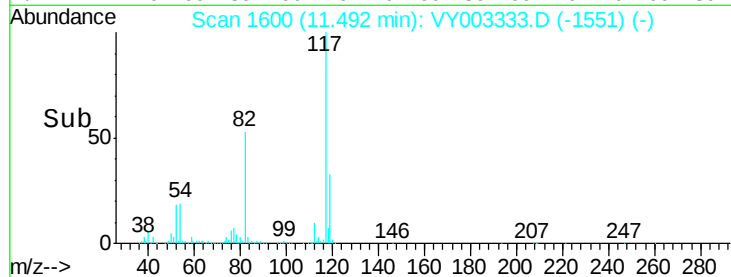
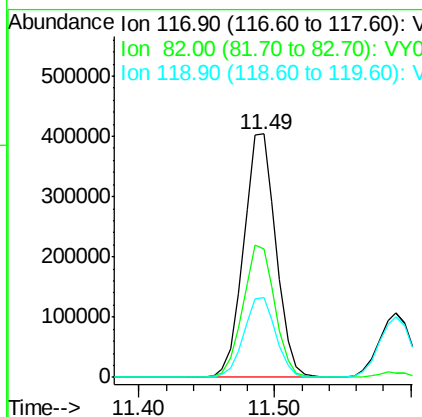
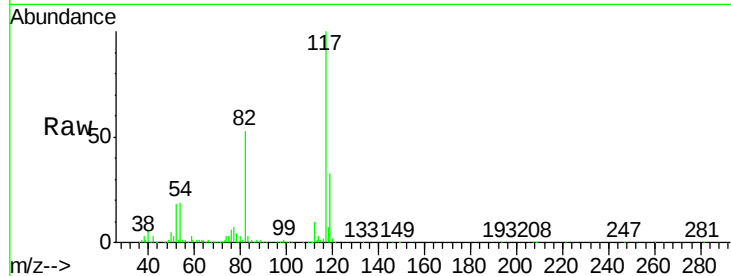
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.0	63.0
119	32.7	25.5	38.3

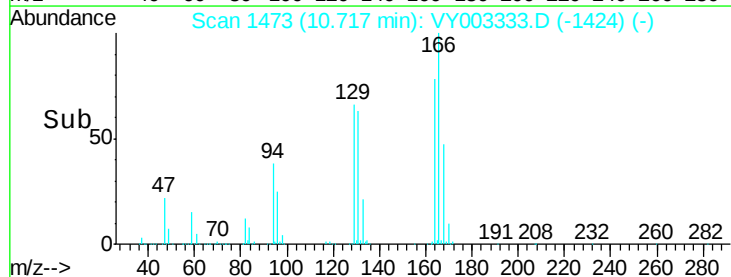
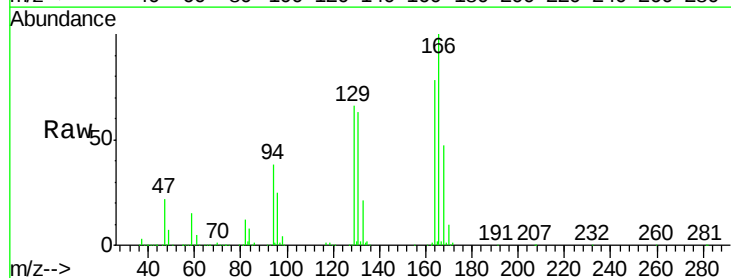
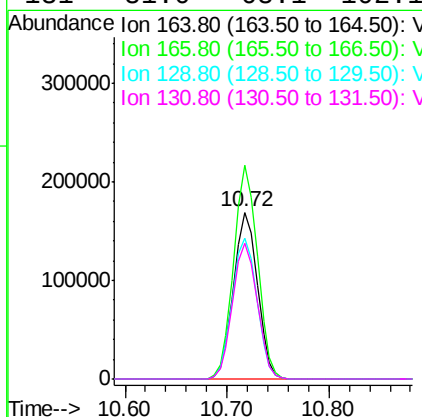
Manual Integrations
APPROVED

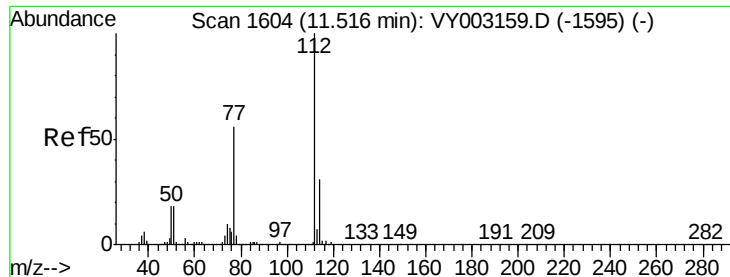
MMDadoda
7/27/2020 12:03:22 PM



#64
Tetrachloroethene
Concen: 46.044 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.9	154.3
129	84.2	71.4	107.2
131	81.0	68.1	102.1





#65

Chlorobenzene

Concen: 50.735 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 652510

Ion Ratio Lower Upper

112 100

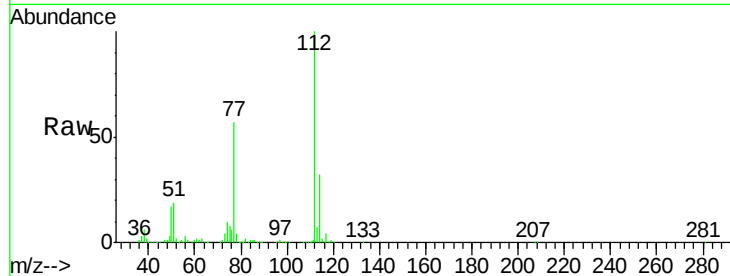
114 32.3 24.7 37.1

Manual Integrations

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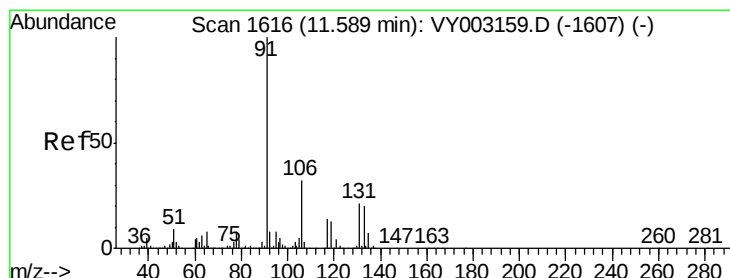
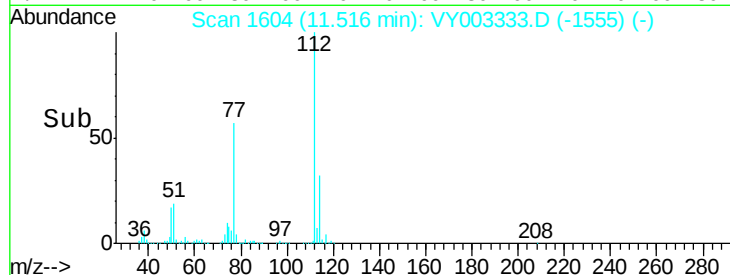
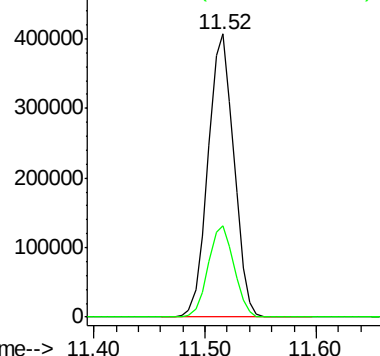
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.802 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

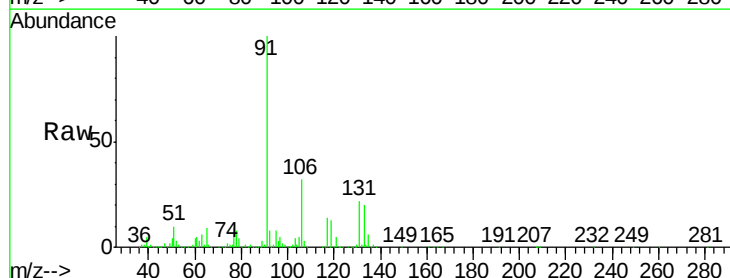
Tgt Ion:131 Resp: 258760

Ion Ratio Lower Upper

131 100

133 95.9 48.0 144.0

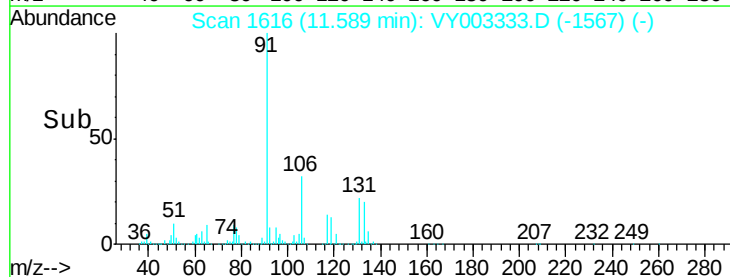
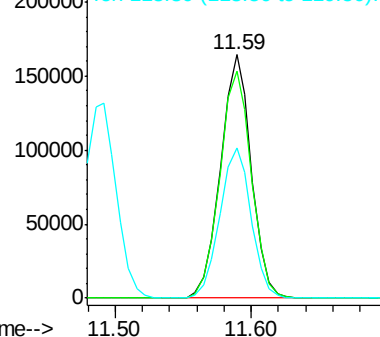
119 63.4 32.4 97.0

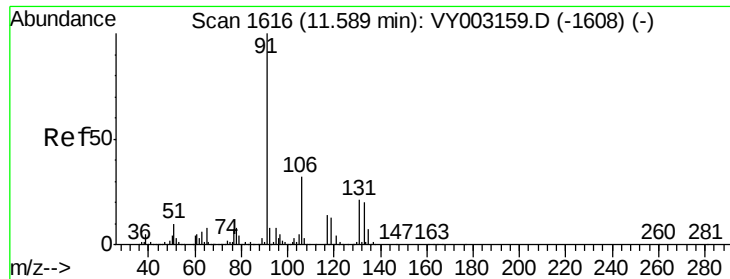


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





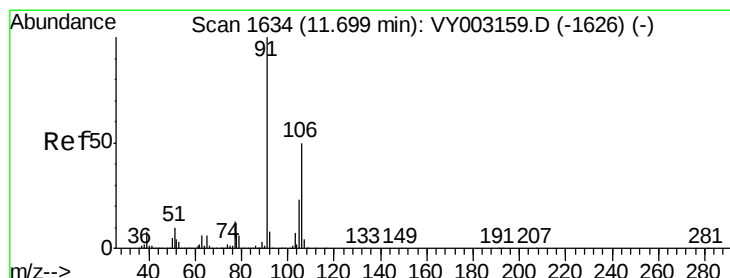
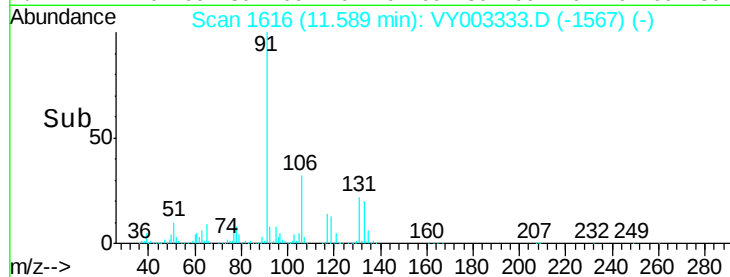
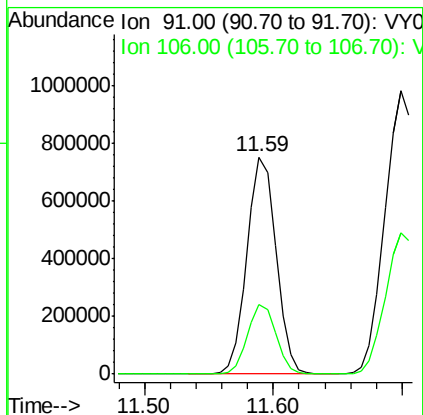
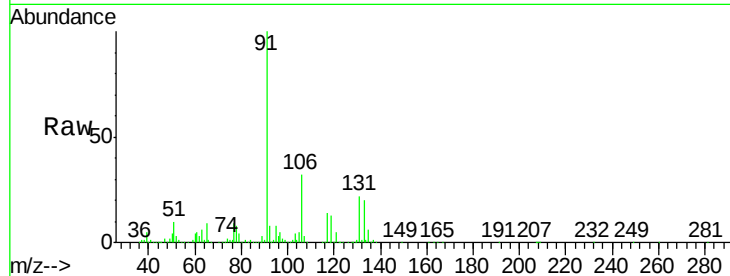
#67
Ethyl Benzene
Concen: 50.993 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1170974
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

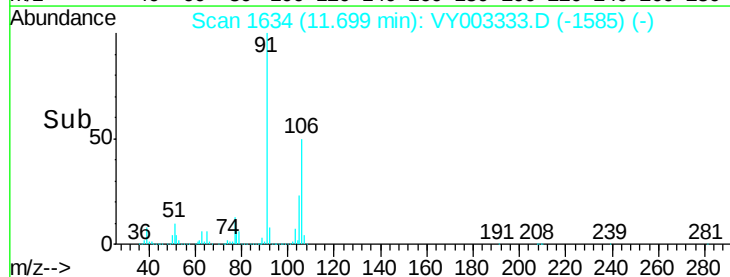
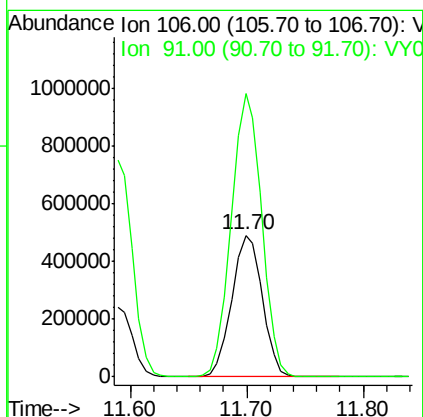
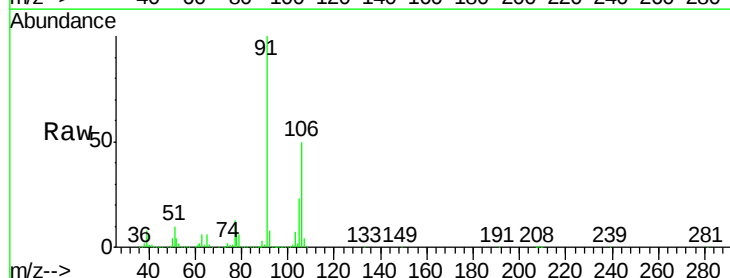
Manual Integrations
APPROVED

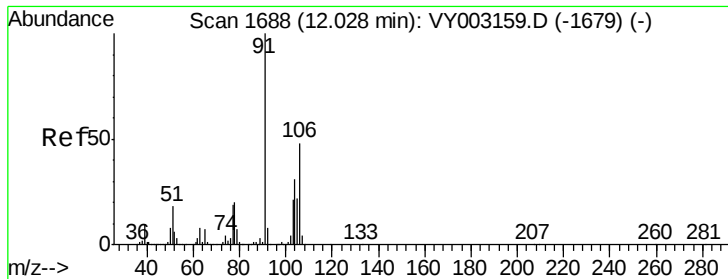
MMDadoda
7/27/2020 12:03:22 PM



#68
m/p-Xylenes
Concen: 102.794 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion: 106 Resp: 895640
Ion Ratio Lower Upper
106 100
91 199.2 159.0 238.6





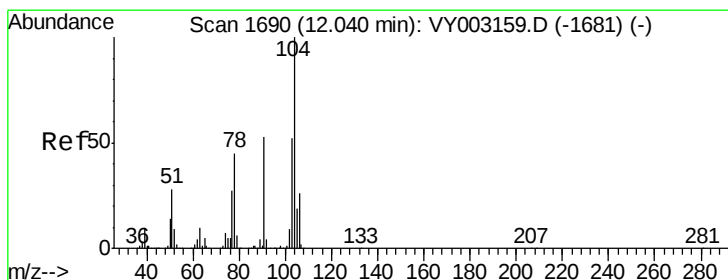
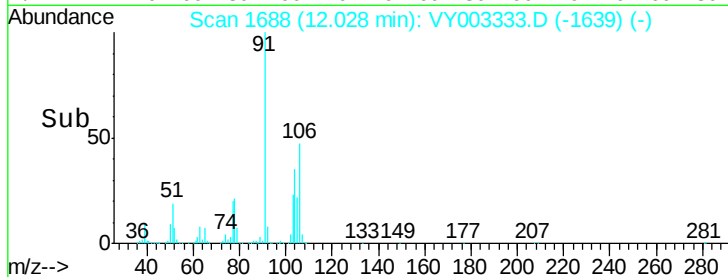
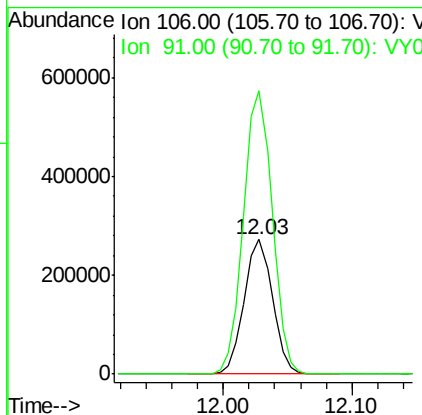
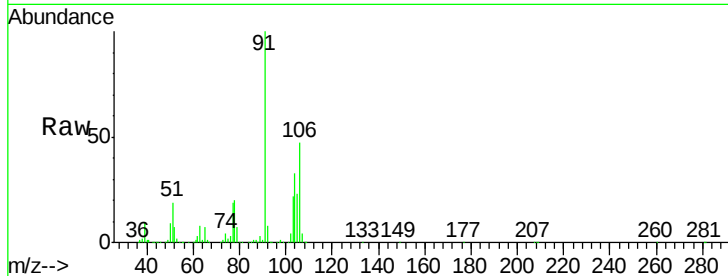
#69
o-Xylene
Concen: 51.015 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 415253
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.1

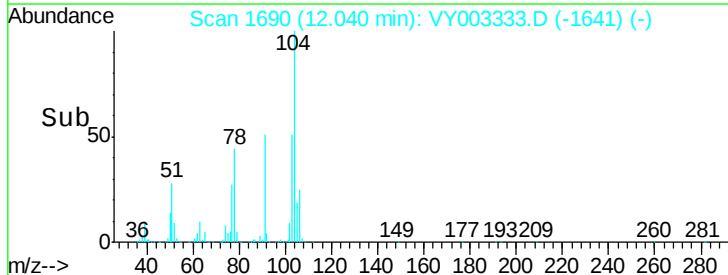
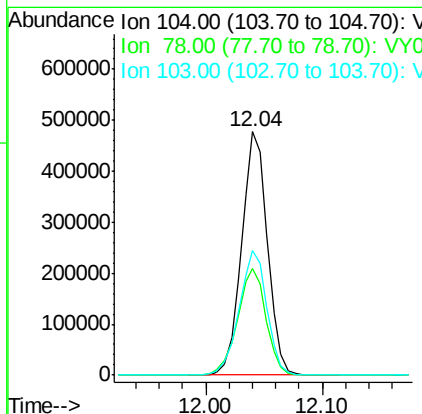
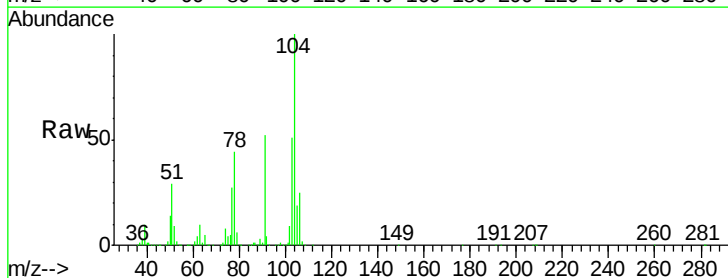
Manual Integrations
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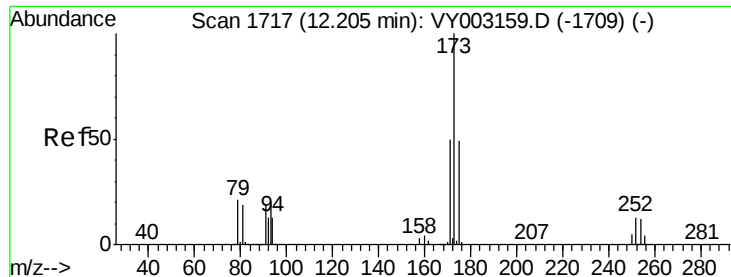
MMDadoda
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#70
Styrene
Concen: 52.872 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion:104 Resp: 736215
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 55.0 43.9 65.9





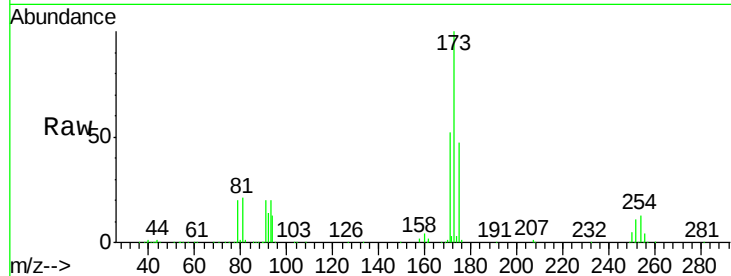
#71
Bromoform
Concen: 53.323 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.3	73.0
254	0.2	0.2	0.2

Manual Integrations
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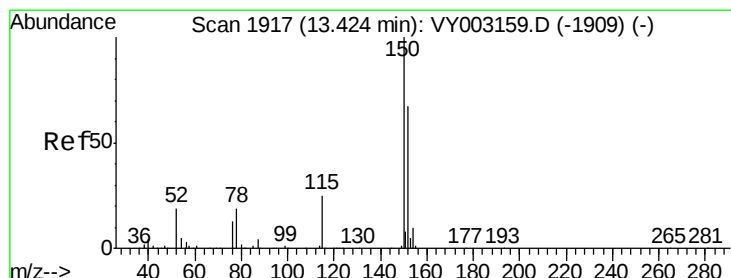
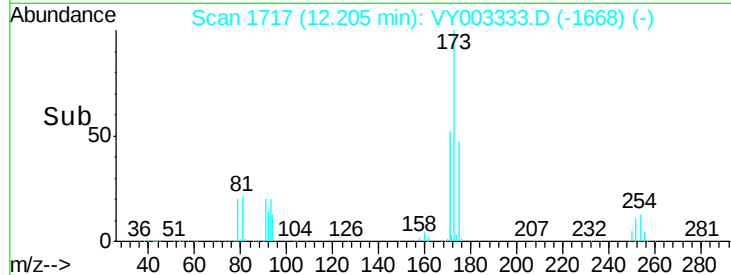
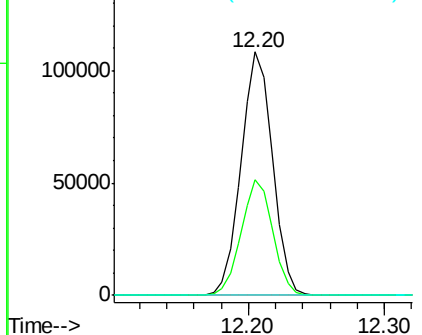


Abundance

Ion 172.70 (172.40 to 173.40): V

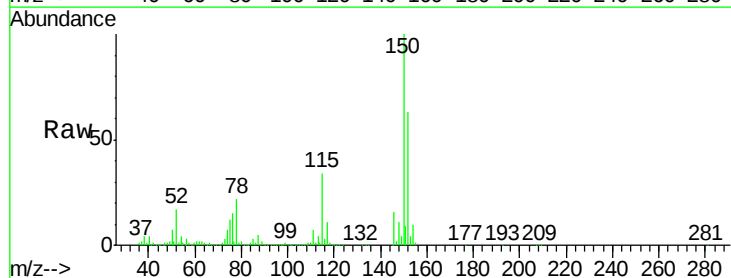
Ion 174.70 (174.40 to 175.40): V

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: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.9	80.7
150	172.4	0.0	338.0

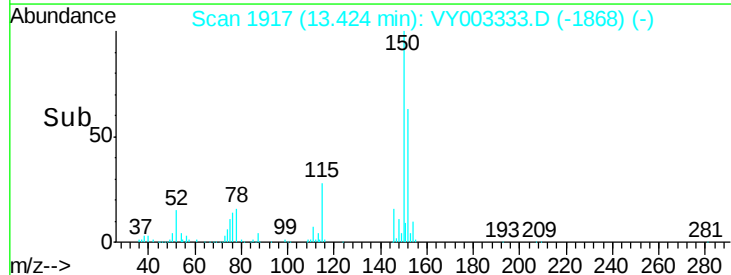
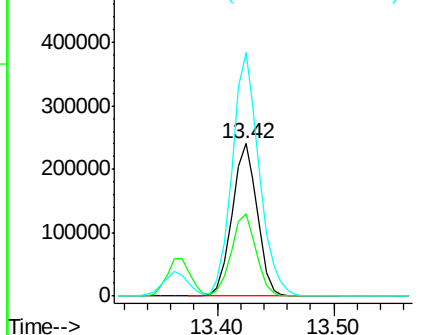


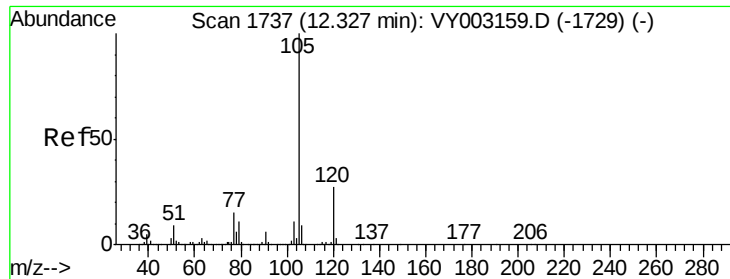
Abundance

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





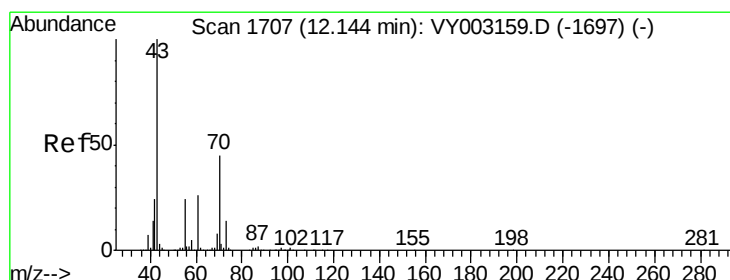
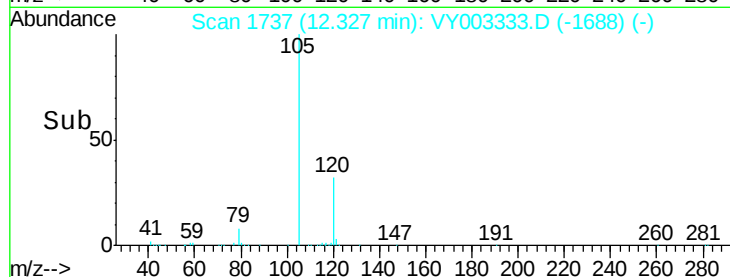
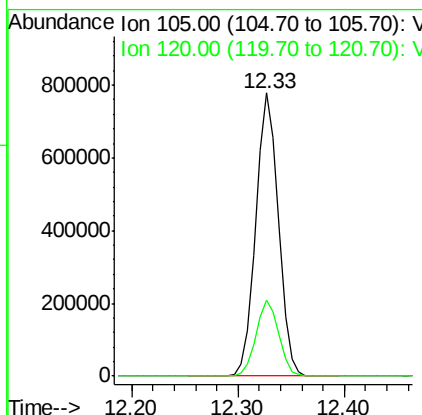
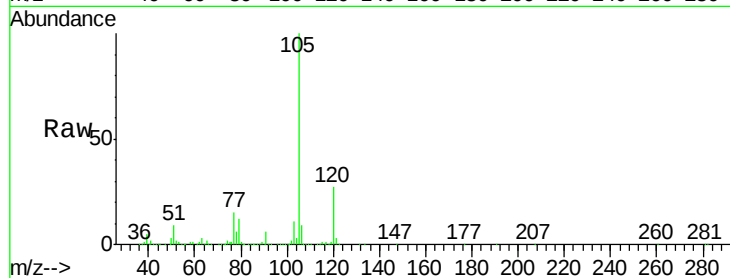
#73
Isopropylbenzene
Concen: 50.735 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 1162472
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

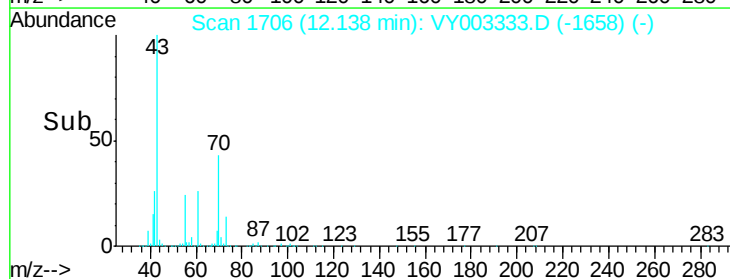
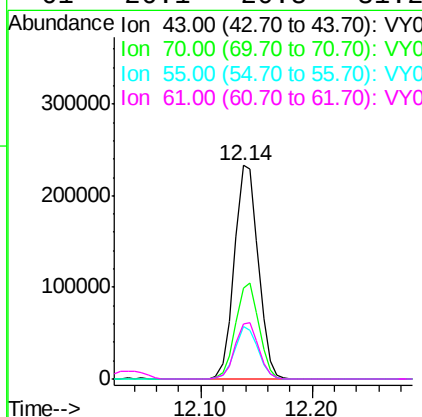
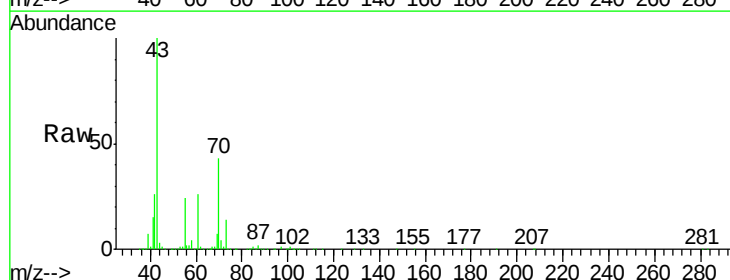
Manual Integrations
APPROVED

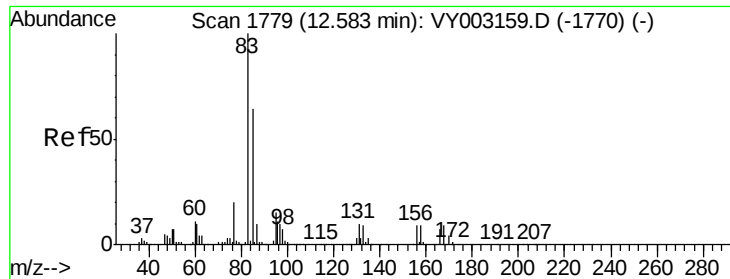
MMDadoda
7/27/2020 12:03:22 PM



#74
N-ethyl acetate
Concen: 53.692 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion: 43 Resp: 345183
Ion Ratio Lower Upper
43 100
70 44.1 35.6 53.4
55 24.1 19.4 29.2
61 26.1 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.536 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

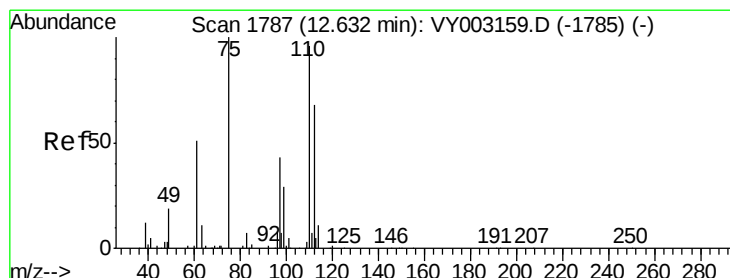
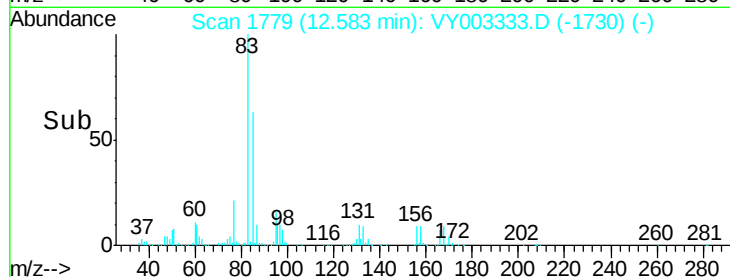
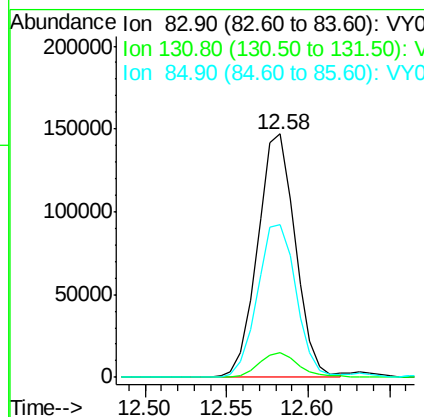
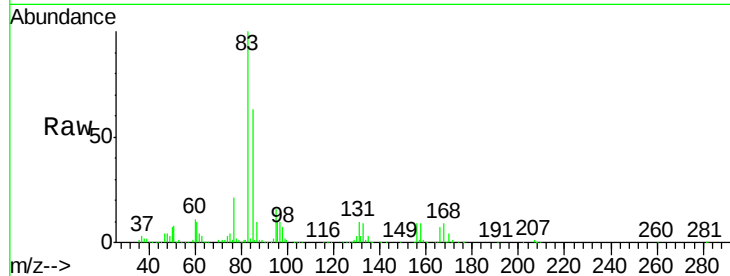
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	236909
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	64.4	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.791 ug/l m

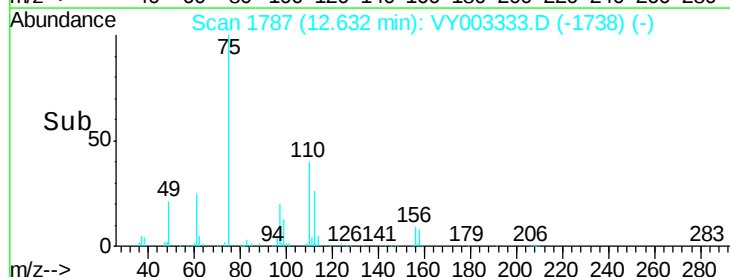
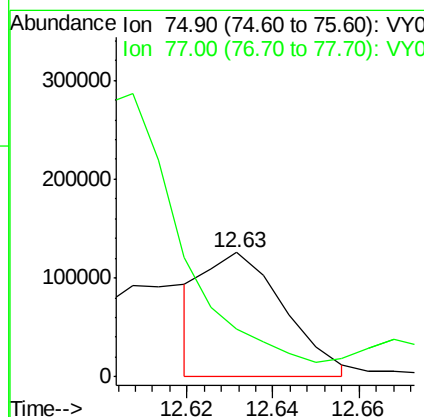
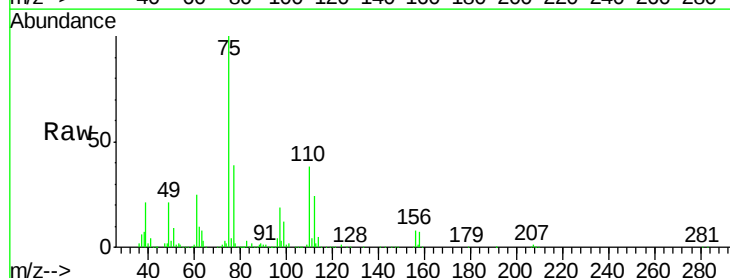
RT: 12.63 min Scan# 1787

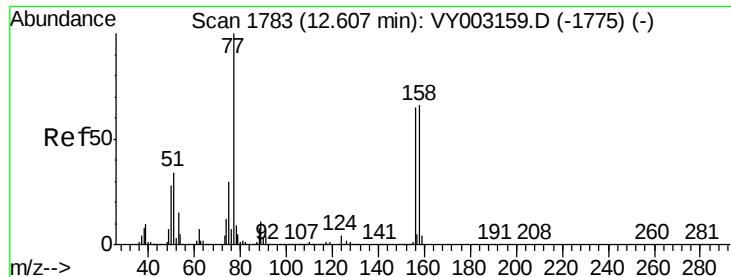
Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	75	Resp:	161647
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.281 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

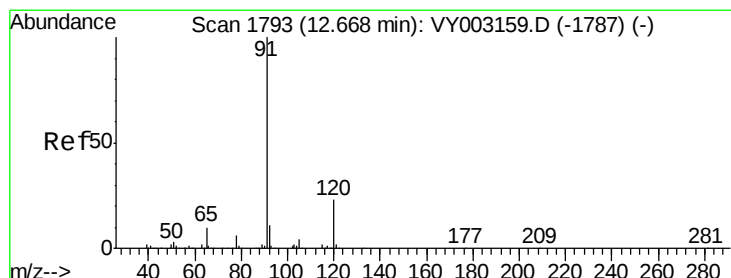
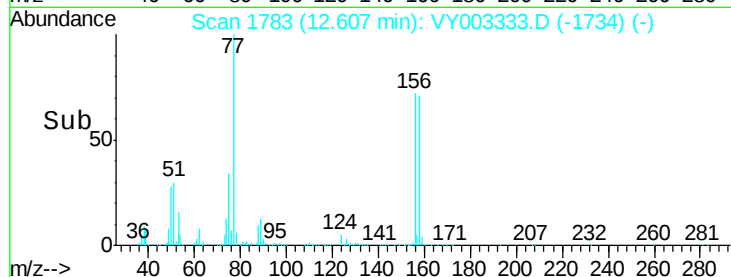
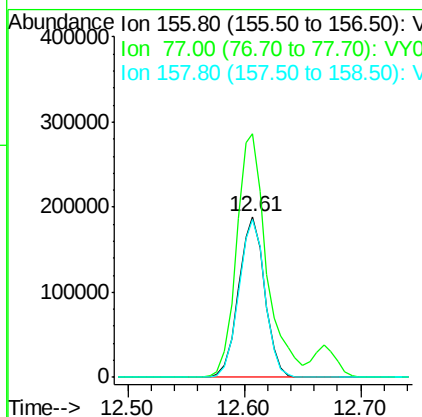
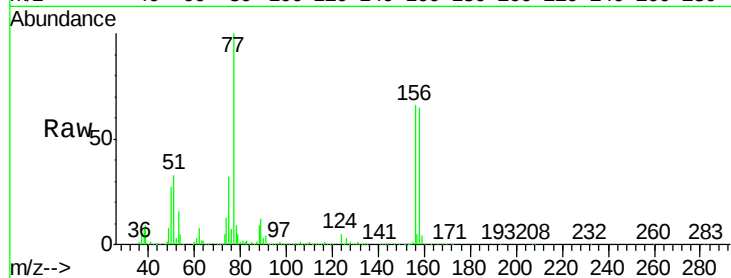
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	293666
Ion Ratio	Lower	Upper	
156	100		
77	175.2	86.6	259.7
158	98.1	49.4	148.0

Manual Integrations
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#78

n-propylbenzene

Concen: 51.598 ug/l

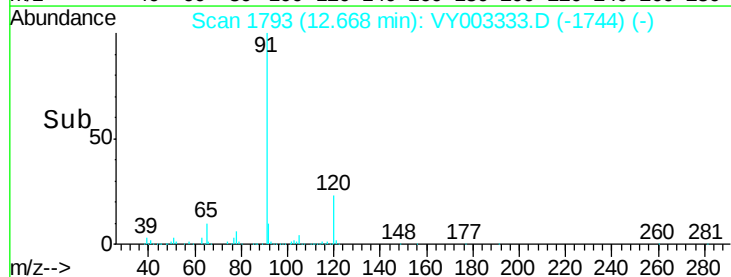
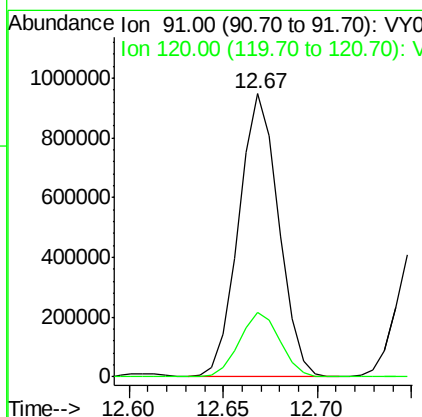
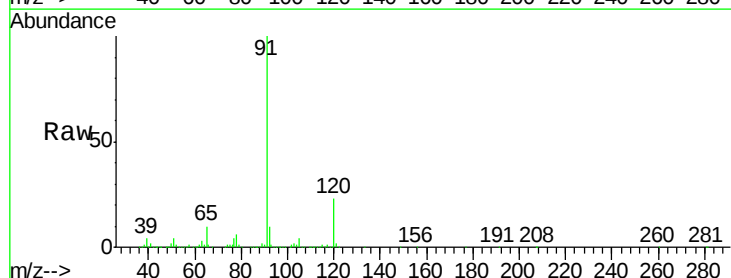
RT: 12.67 min Scan# 1793

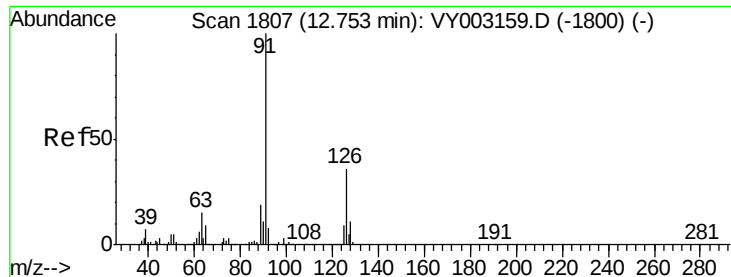
Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	91	Resp:	1393564
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.086 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 769799

Ion Ratio Lower Upper

91 100

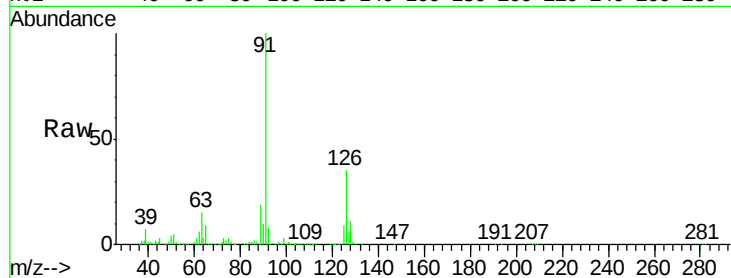
126 35.6 17.6 52.9

Manual Integrations

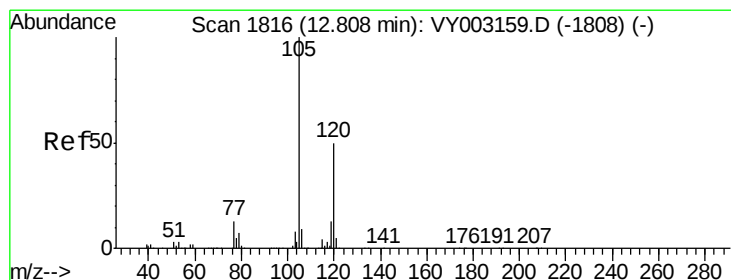
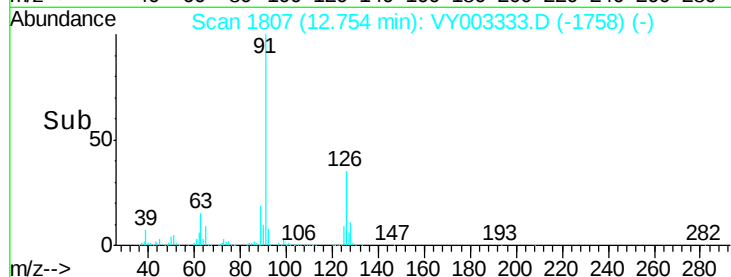
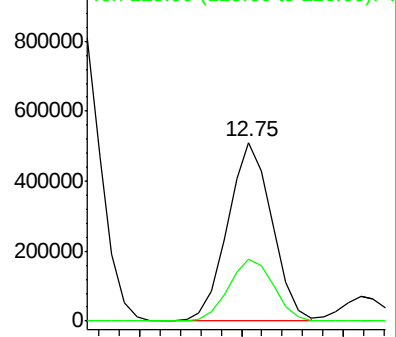
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Abundance Ion 91.00 (90.70 to 91.70): VY003333.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.229 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003333.D

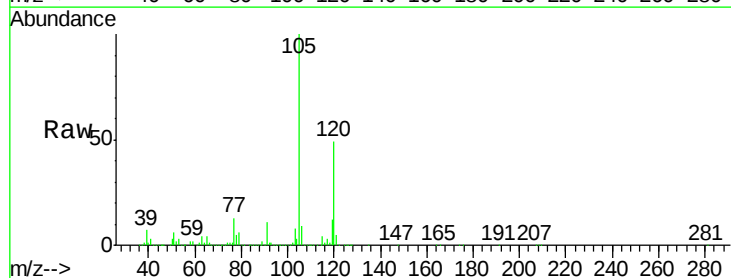
Acq: 24 Jul 2020 14:14

Tgt Ion: 105 Resp: 978293

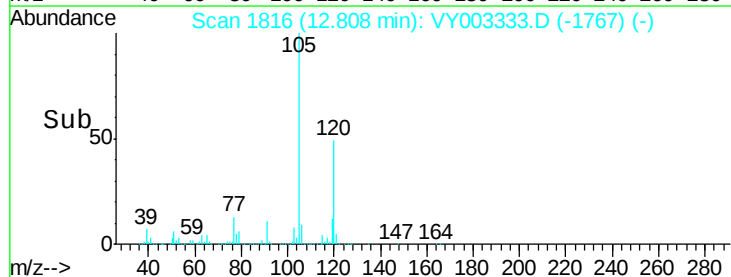
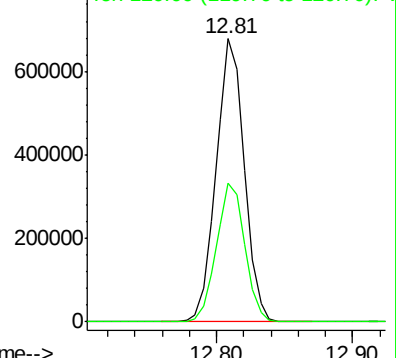
Ion Ratio Lower Upper

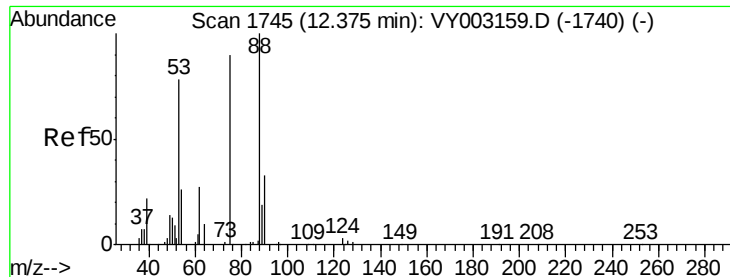
105 100

120 49.5 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VY003333.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 54.307 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

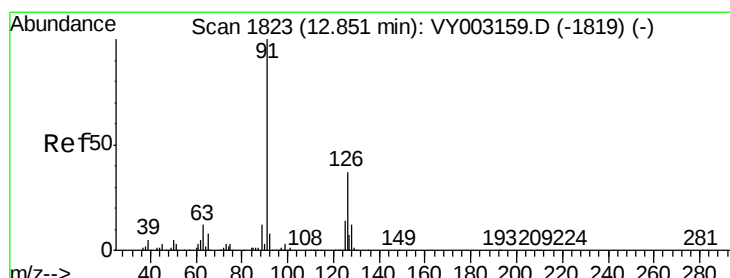
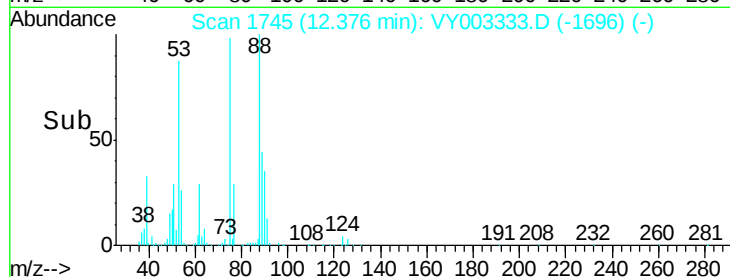
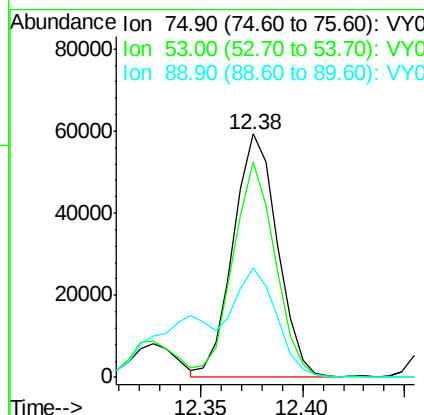
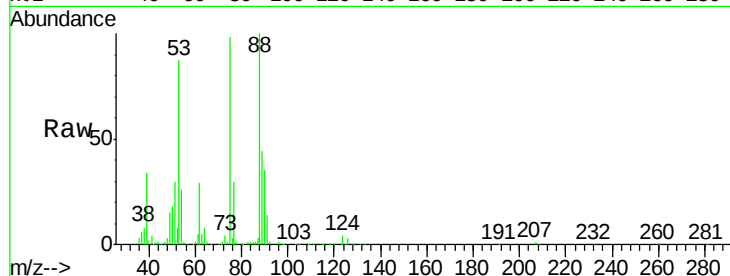
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	88807
Ion	Ratio	Lower	Upper
75	100		
53	85.0	72.0	108.0
89	44.5	37.3	55.9

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#82

4-Chlorotoluene

Concen: 51.068 ug/l

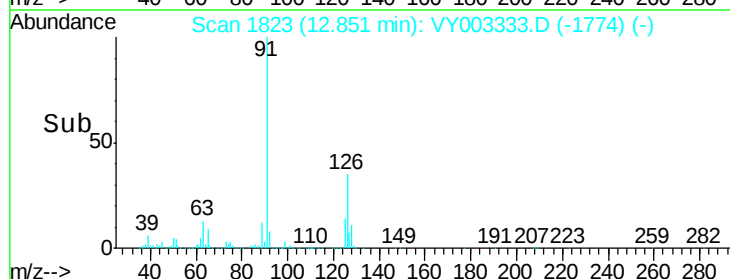
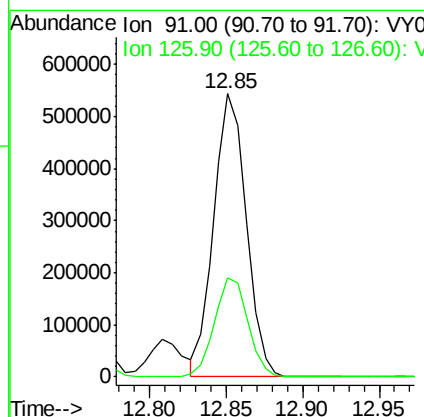
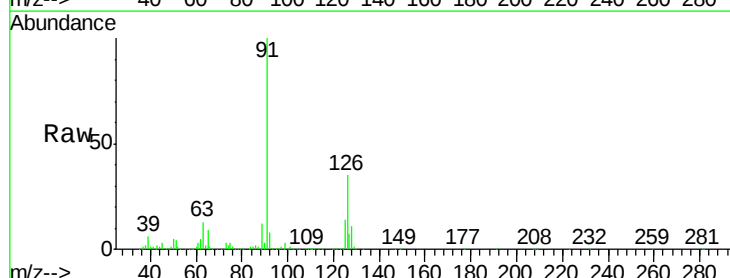
RT: 12.85 min Scan# 1823

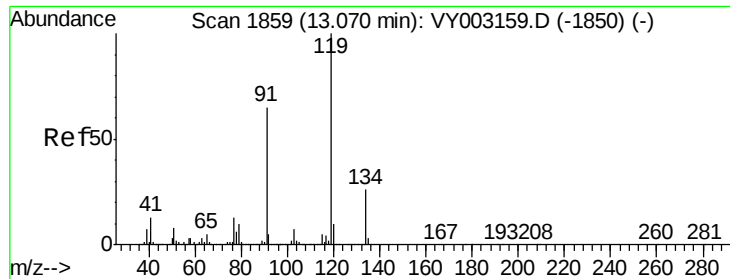
Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	91	Resp:	803201
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.9	53.7





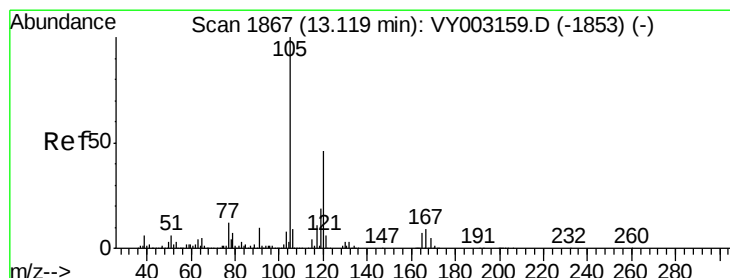
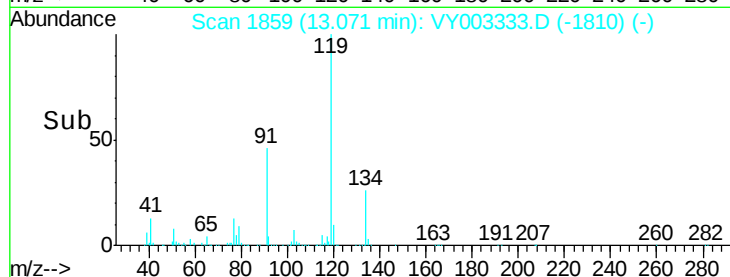
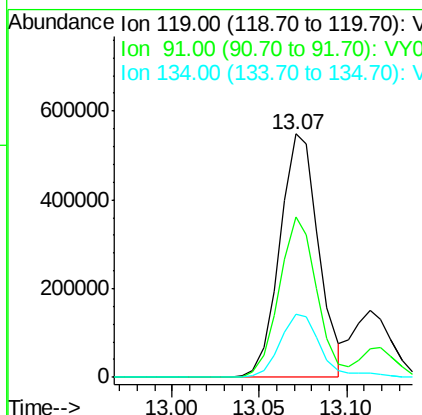
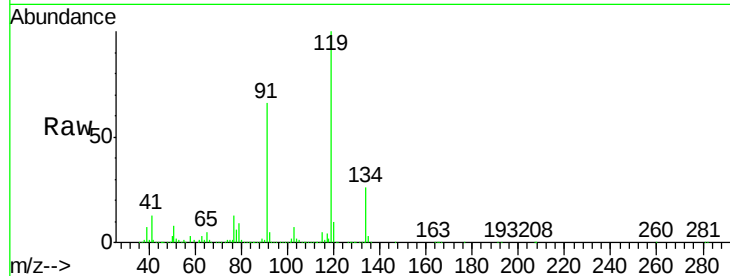
#83
tert-Butylbenzene
Concen: 50.304 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	30.8	92.4
134	27.5	13.2	39.6

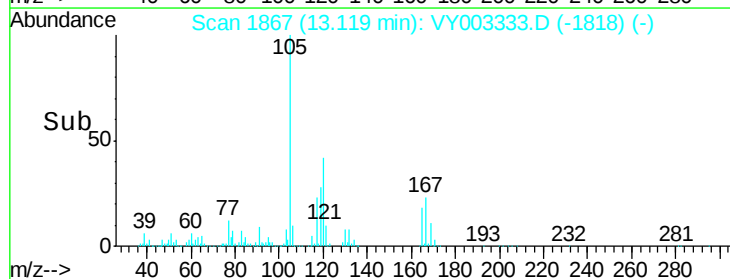
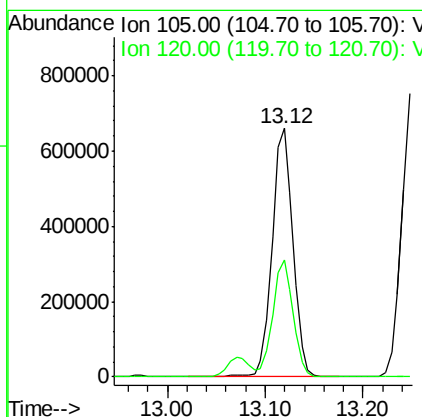
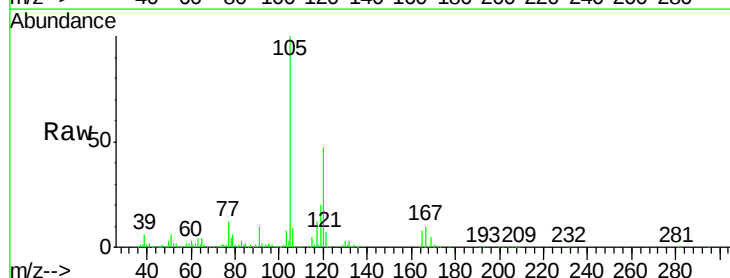
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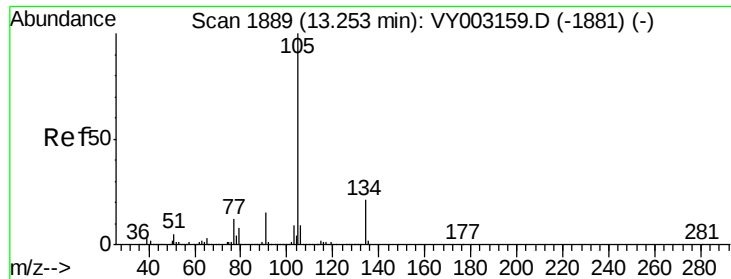
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#84
1,2,4-Trimethylbenzene
Concen: 51.459 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.5	67.5





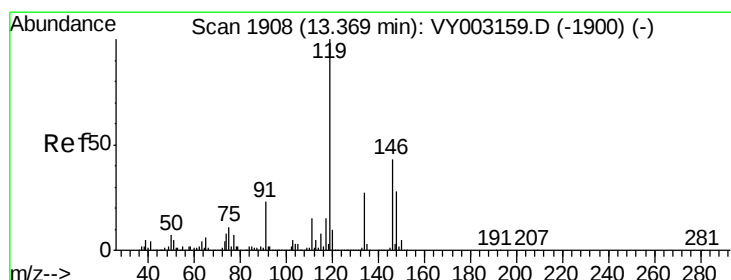
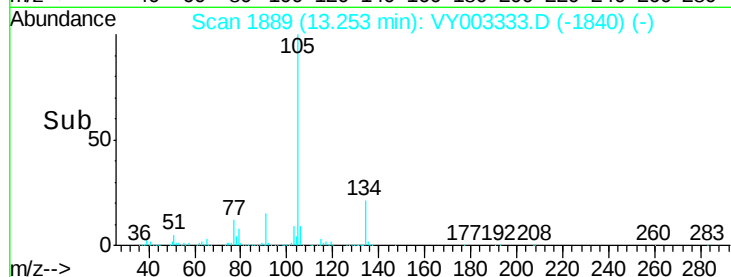
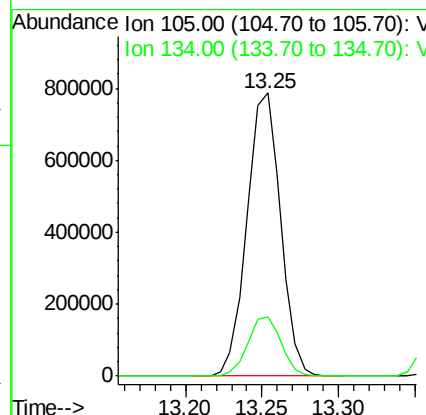
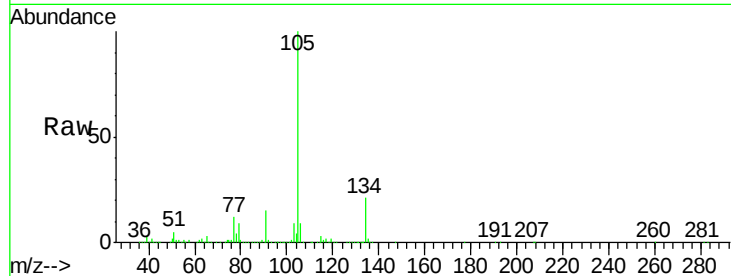
#85
 sec-Butylbenzene
 Concen: 51.796 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1199557
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.4

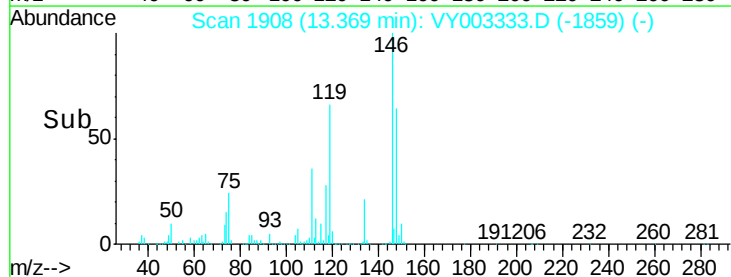
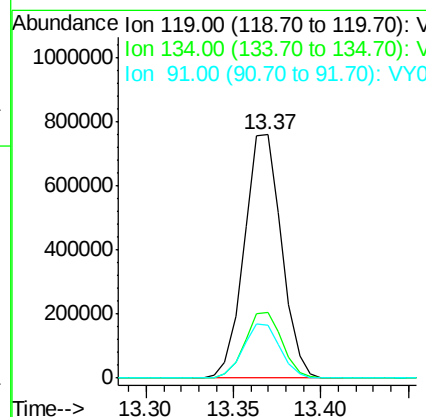
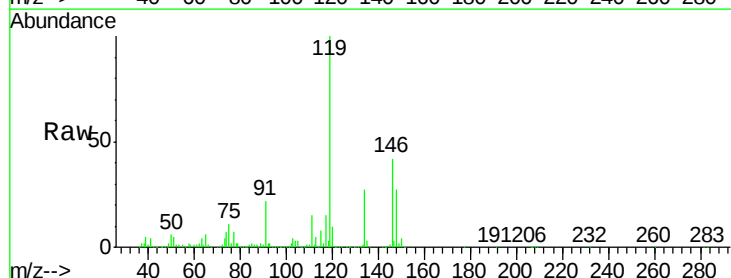
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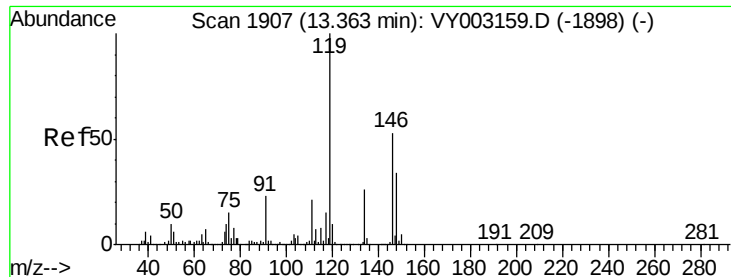
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#86
 p-Isopropyltoluene
 Concen: 51.996 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion:119 Resp: 1124372
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 22.2 11.2 33.6





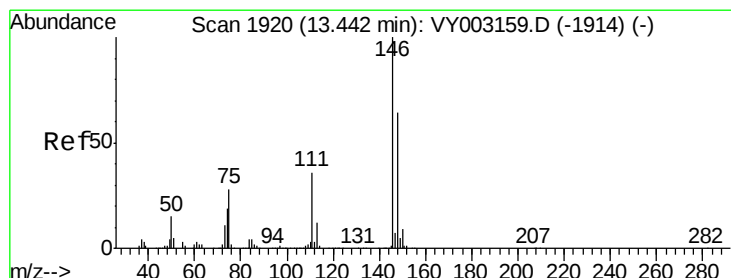
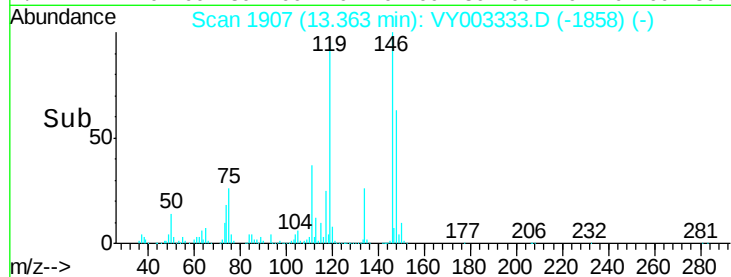
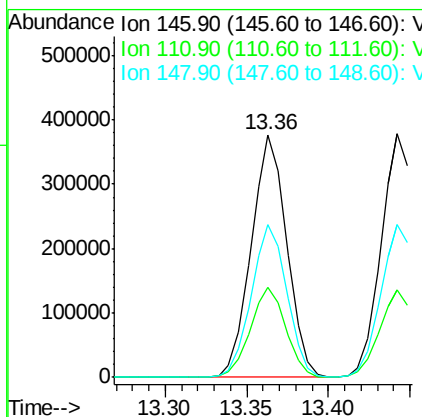
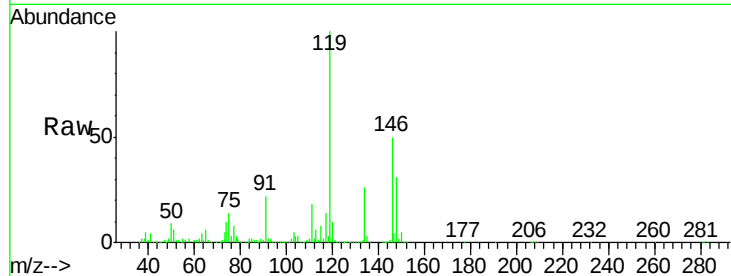
#87
 1,3-Dichlorobenzene
 Concen: 51.661 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.8	56.3
148	63.3	32.3	96.9

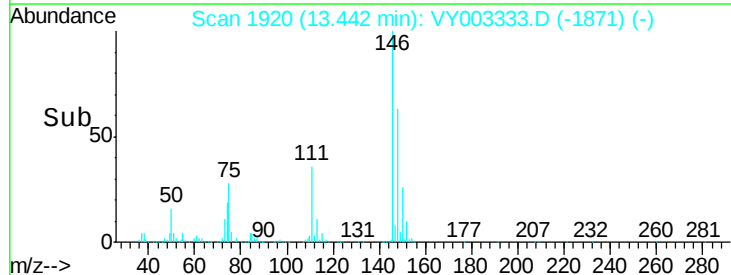
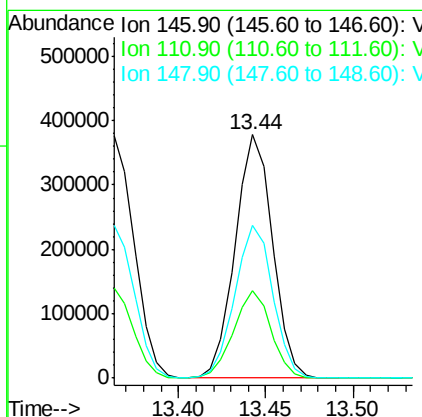
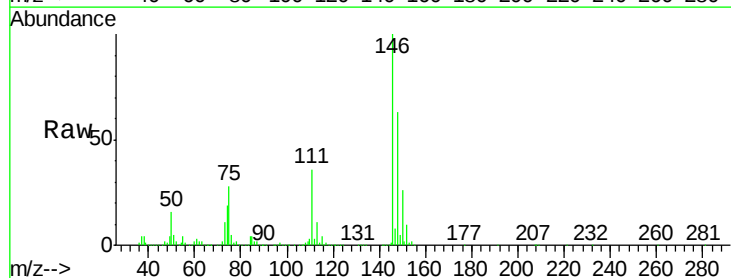
Manual Integrations
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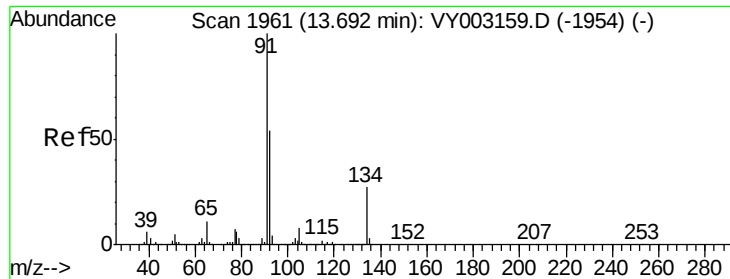
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#88
 1,4-Dichlorobenzene
 Concen: 51.649 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	18.4	55.0
148	63.7	32.0	96.0





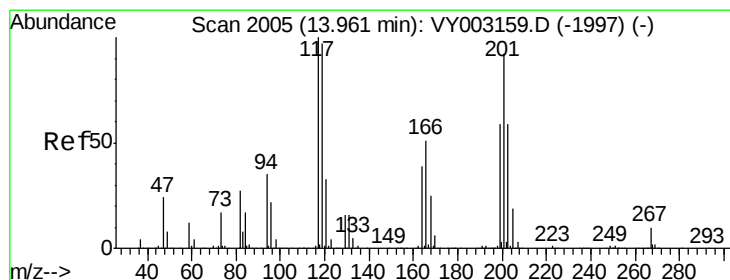
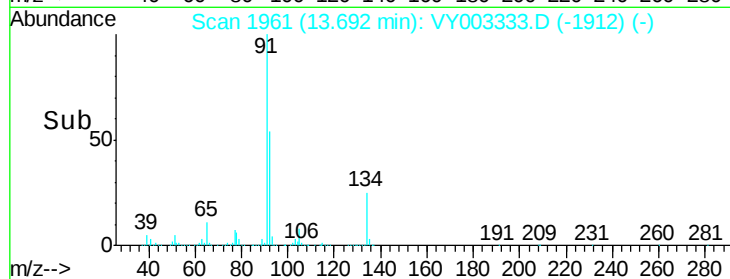
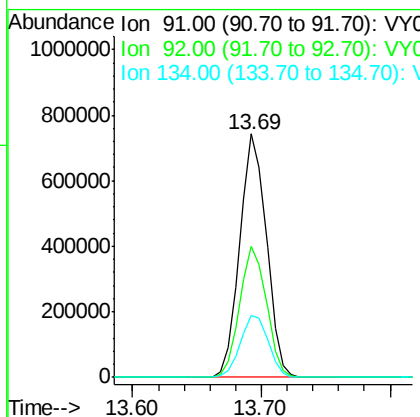
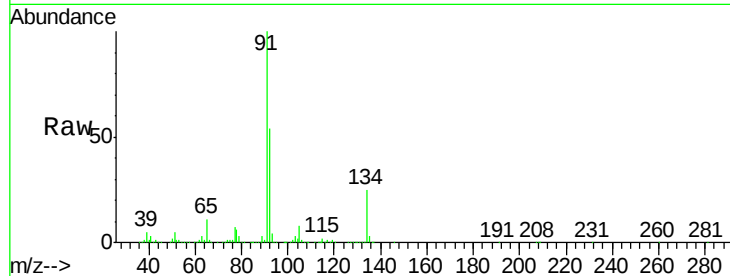
#89
n-Butylbenzene
Concen: 52.366 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.9	80.7
134	26.6	13.6	40.7

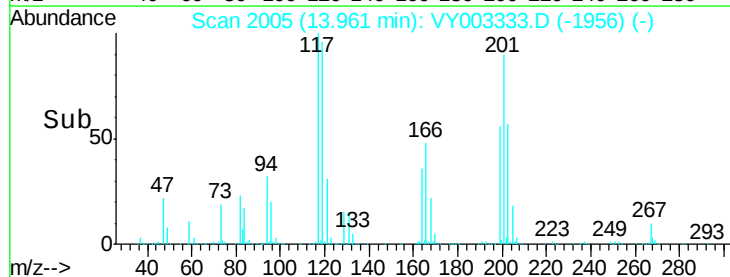
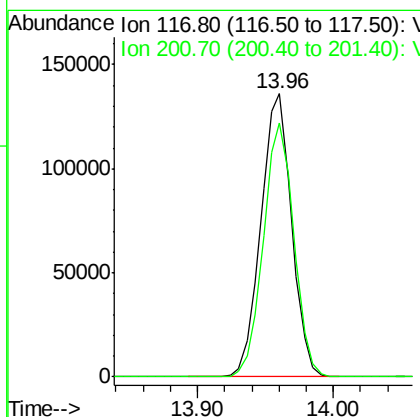
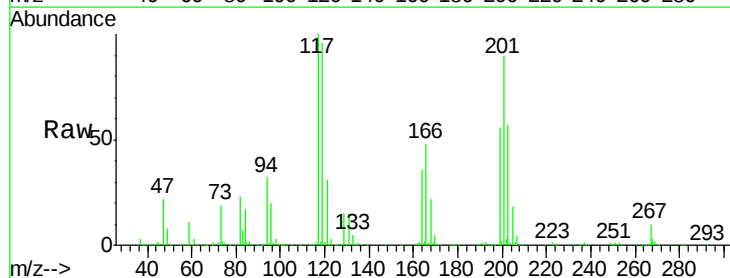
Manual Integrations
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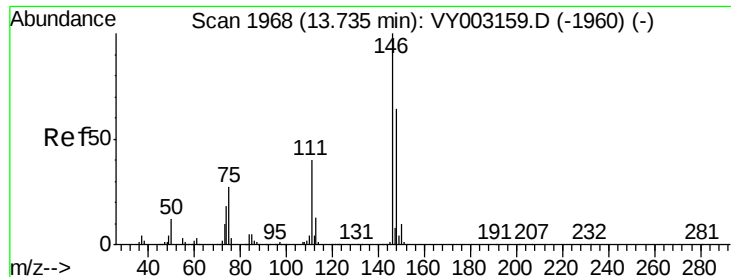
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#90
Hexachloroethane
Concen: 54.851 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY003333.D
Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.7	45.1	135.3





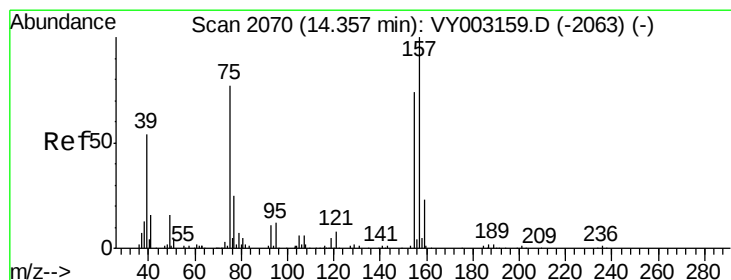
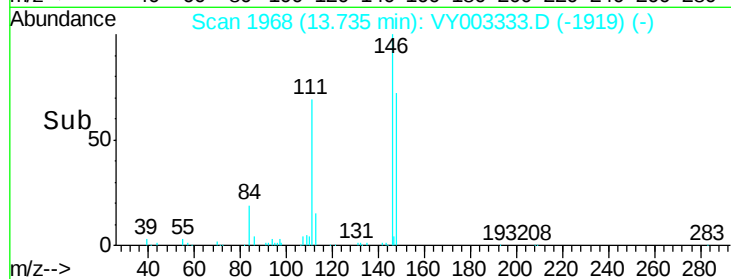
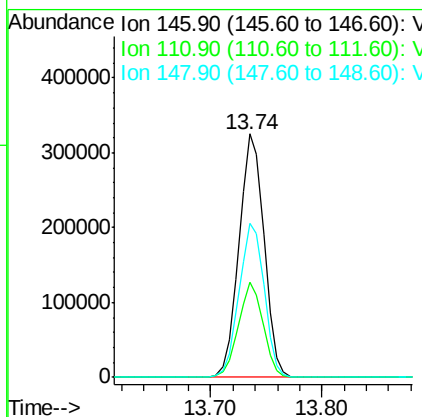
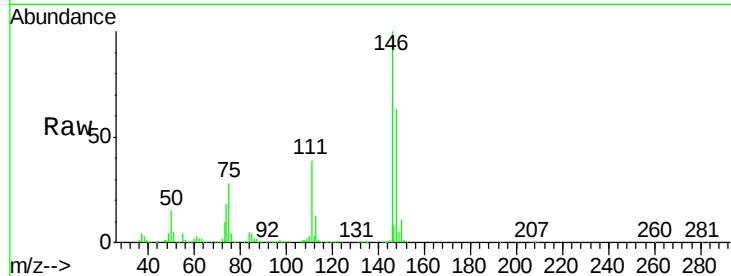
#91
 1,2-Dichlorobenzene
 Concen: 52.228 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.6	58.8
148	63.5	32.4	97.0

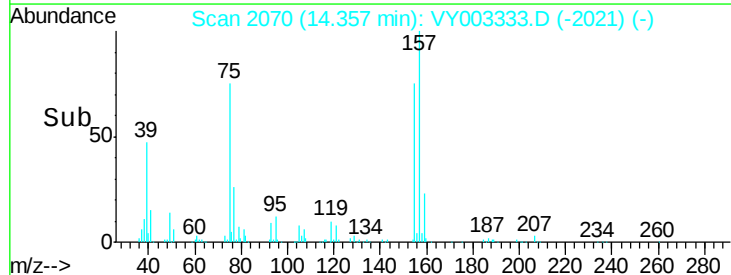
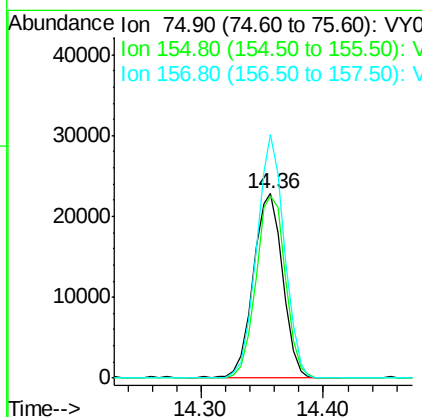
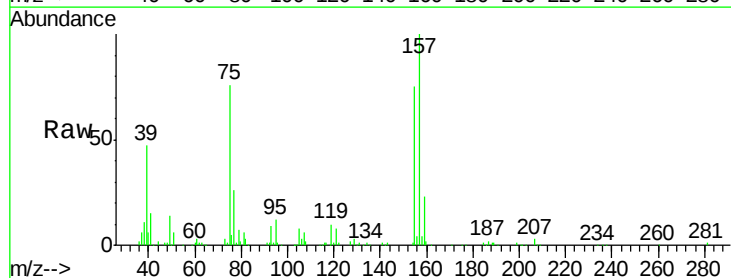
Manual Integrations
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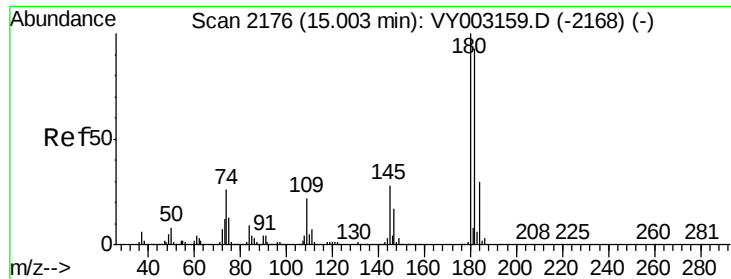
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.387 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	48.1	144.3
157	123.9	61.9	185.6





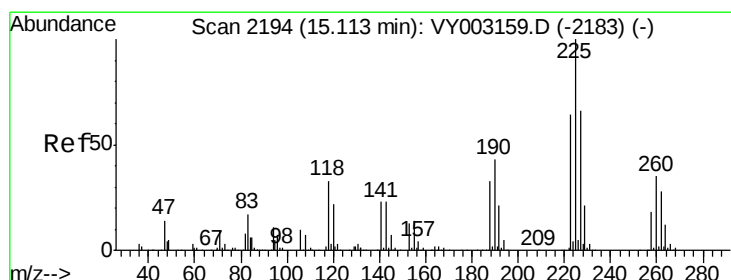
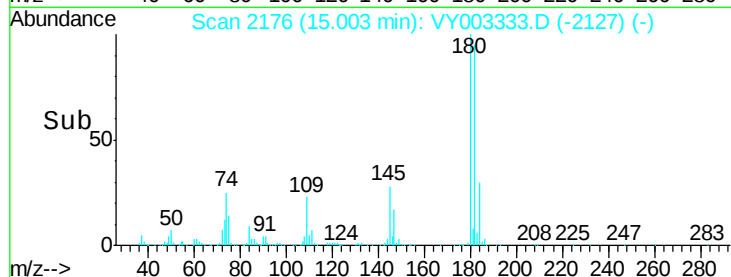
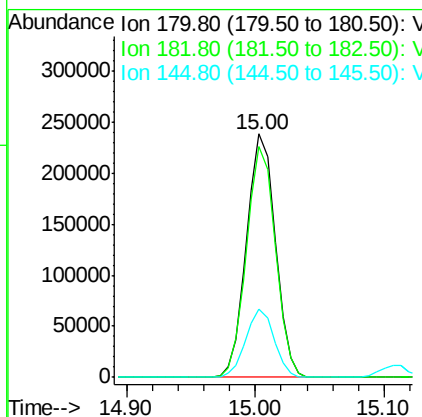
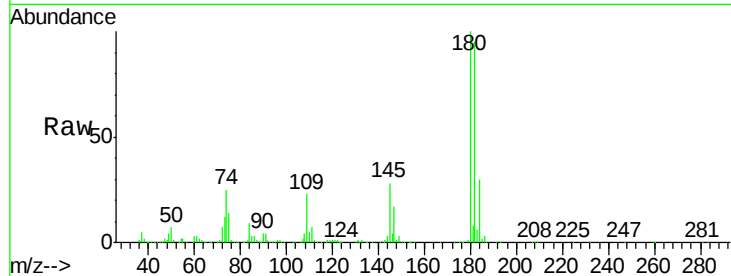
#93
 1,2,4-Trichlorobenzene
 Concen: 53.468 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	368675		
182	95.0	47.3	142.0	
145	27.6	13.7	41.1	

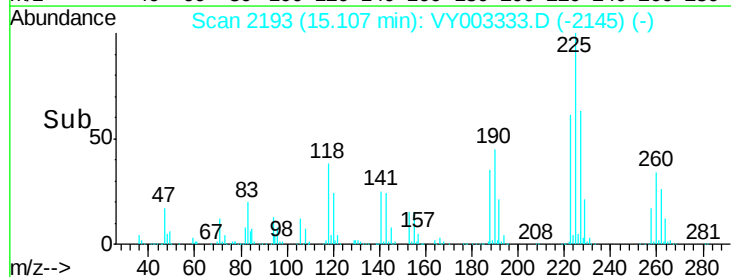
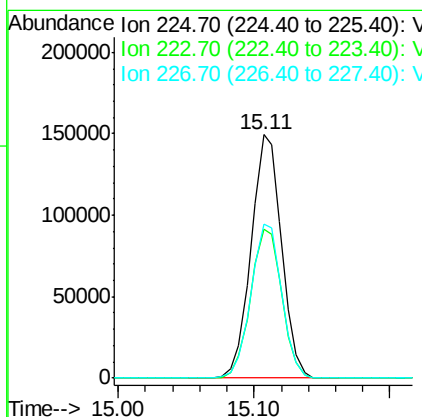
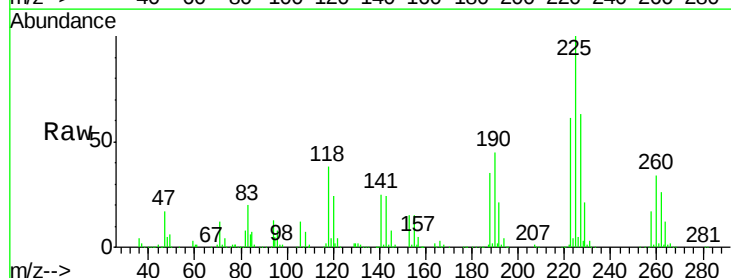
Manual Integrations
 APPROVED

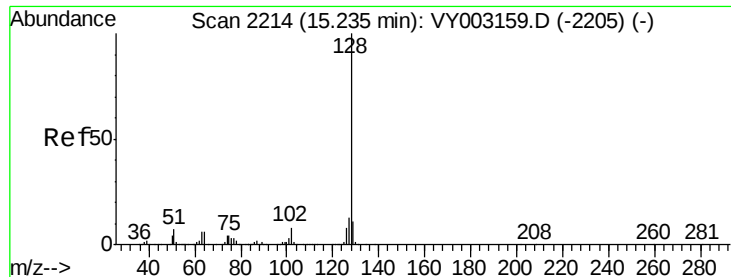
MMDadoda
 7/27/2020 12:03:22 PM



#94
 Hexachlorobutadiene
 Concen: 49.711 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003333.D
 Acq: 24 Jul 2020 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	234868		
223	62.8	31.6	94.7	
227	63.7	32.3	96.8	





#95

Naphthalene

Concen: 56.006 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Instrument :

MSVOA_Y

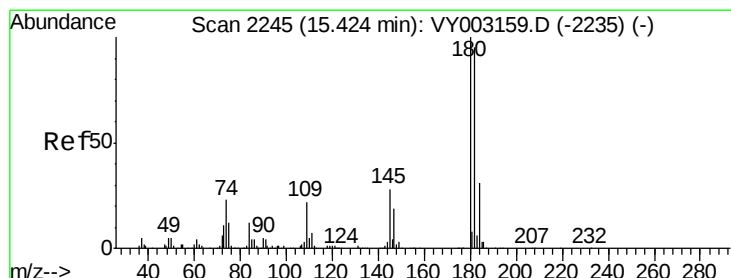
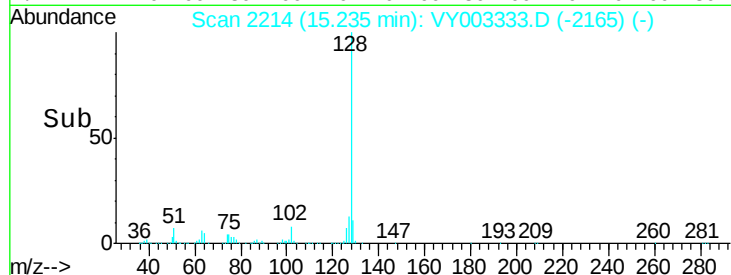
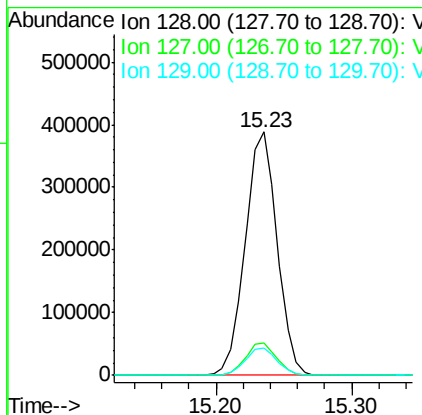
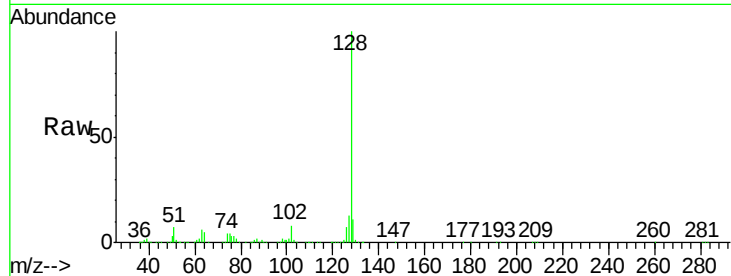
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	638214
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.9	16.3
129	11.1	9.0	13.6

Manual Integrations
APPROVED

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#96

1,2,3-Trichlorobenzene

Concen: 55.465 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VY003333.D

Acq: 24 Jul 2020 14:14

Tgt Ion:	180	Resp:	302320
Ion Ratio	Lower	Upper	
180	100		
182	95.0	48.8	146.3
145	29.1	14.9	44.5

