

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY062220\
 Data File : VY002966.D
 Acq On : 22 Jun 2020 12:11
 Operator : SY/MD
 Sample : VY0622SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 8:13:15 PM

Quant Time: Jun 22 14:36:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 20 06:39:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	322436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	470731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	439219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237824	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	131992	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
35) Dibromofluoromethane	7.72	113	134452	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.18	98	533915	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
62) 4-Bromofluorobenzene	12.48	95	185051	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	34586	16.825	ug/l	99
3) Chloromethane	2.12	50	43104	18.468	ug/l	97
4) Vinyl Chloride	2.26	62	42270	16.868	ug/l	98
5) Bromomethane	2.65	94	34614	18.719	ug/l	96
6) Chloroethane	2.79	64	29654	18.296	ug/l	96
7) Trichlorofluoromethane	3.13	101	84635	18.808	ug/l	98
8) Diethyl Ether	3.54	74	30871	19.013	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	52204	19.263	ug/l	98
10) Methyl Iodide	4.10	142	63612	16.954	ug/l	99
11) Tert butyl alcohol	4.97	59	34867	112.211	ug/l	97
12) 1,1-Dichloroethene	3.88	96	49968	18.593	ug/l	94
13) Acrolein	3.74	56	24261	90.678	ug/l	100
14) Allyl chloride	4.48	41	71788	18.520	ug/l	100
15) Acrylonitrile	5.18	53	76834	98.669	ug/l	99
16) Acetone	3.96	43	64066	97.124	ug/l	97
17) Carbon Disulfide	4.20	76	131504	16.551	ug/l	99
18) Methyl Acetate	4.49	43	37216	20.148	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	142713	19.497	ug/l	96
20) Methylene Chloride	4.72	84	62171	14.768	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	55350	18.550	ug/l	94
22) Diisopropyl ether	6.12	45	151348	19.125	ug/l	94
23) Vinyl Acetate	6.07	43	489568	95.636	ug/l	99
24) 1,1-Dichloroethane	6.02	63	90201	19.240	ug/l	100
25) 2-Butanone	7.00	43	96994	98.128	ug/l	99
26) 2,2-Dichloropropane	6.99	77	86905	19.847	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	63229	18.960	ug/l	98
28) Bromochloromethane	7.35	49	35960	18.345	ug/l	98
29) Tetrahydrofuran	7.35	42	60948	95.457	ug/l	99
30) Chloroform	7.51	83	96847	19.723	ug/l	94
31) Cyclohexane	7.79	56	81491	17.820	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	88825	19.632	ug/l	99
36) 1,1-Dichloropropene	7.93	75	72235	18.895	ug/l	100
37) Ethyl Acetate	7.08	43	40907	19.270	ug/l	98
38) Carbon Tetrachloride	7.91	117	82654	19.618	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	90874	18.032	ug/l	99
40) Benzene	8.16	78	215621	18.945	ug/l	100
41) Methacrylonitrile	7.32	41	20850m	19.619	ug/l	
42) 1,2-Dichloroethane	8.24	62	62641	19.830	ug/l	98
43) Isopropyl Acetate	8.28	43	76619	19.383	ug/l	99
44) Trichloroethene	8.94	130	67654	19.190	ug/l	98
45) 1,2-Dichloropropane	9.22	63	52881	19.320	ug/l	97
46) Dibromomethane	9.31	93	32094	19.638	ug/l	97
47) Bromodichloromethane	9.50	83	75948	19.905	ug/l	99
48) Methyl methacrylate	9.30	41	33897	19.111	ug/l	96
49) 1,4-Dioxane	9.30	88	9715	405.594	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	206349	98.507	ug/l	99
52) Toluene	10.24	92	140056	19.013	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	82668	19.935	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	90451	19.270	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	50060	20.540	ug/l	97
56) Ethyl methacrylate	10.51	69	65206	19.848	ug/l	99
57) 1,3-Dichloropropane	10.79	76	80684	19.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	158857	97.082	ug/l	99
59) 2-Hexanone	10.83	43	145695	98.928	ug/l	100
60) Dibromochloromethane	10.99	129	62779	20.198	ug/l	99
61) 1,2-Dibromoethane	11.09	107	48039	19.868	ug/l	99
64) Tetrachloroethene	10.72	164	73036	19.955	ug/l	95
65) Chlorobenzene	11.52	112	163925	19.717	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	62982	20.041	ug/l	99
67) Ethyl Benzene	11.59	91	278298	19.406	ug/l	99
68) m/p-Xylenes	11.70	106	217636	39.054	ug/l	99
69) o-Xylene	12.03	106	104309	19.857	ug/l	100
70) Styrene	12.04	104	181757	20.026	ug/l	99
71) Bromoform	12.20	173	43506	20.683	ug/l #	99
73) Isopropylbenzene	12.33	105	285646	19.597	ug/l	100
74) N-amyl acetate	12.14	43	72274	19.254	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	52291	19.350	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	39988m	19.307	ug/l	
77) Bromobenzene	12.61	156	75237	19.715	ug/l	98
78) n-propylbenzene	12.67	91	330005	19.515	ug/l	100
79) 2-Chlorotoluene	12.75	91	184866	19.518	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	241763	19.897	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	21182	19.525	ug/l	97
82) 4-Chlorotoluene	12.85	91	194638	19.541	ug/l	100
83) tert-Butylbenzene	13.07	119	217892	20.020	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	243865	19.945	ug/l	100
85) sec-Butylbenzene	13.25	105	295748	19.976	ug/l	100
86) p-Isopropyltoluene	13.37	119	277008	19.947	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	145049	20.165	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	144711	20.090	ug/l	99
89) n-Butylbenzene	13.69	91	249427	19.868	ug/l	100
90) Hexachloroethane	13.96	117	51872	20.053	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	133079	20.327	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10184	20.172	ug/l	97

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VY0622SBSD01

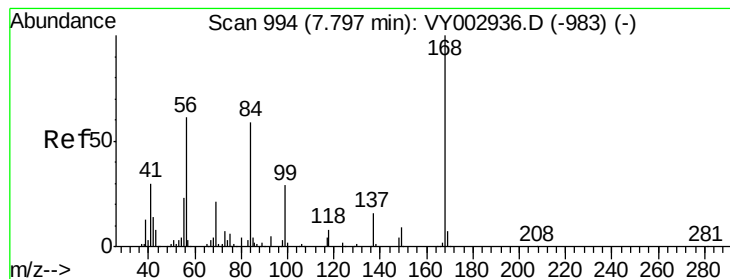
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	100298	20.416	ug/l	100
94) Hexachlorobutadiene	15.11	225	57263	20.223	ug/l	98
95) Naphthalene	15.23	128	198249	20.247	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	91177	20.802	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:168 Resp: 322436

Ion Ratio Lower Upper

168 100

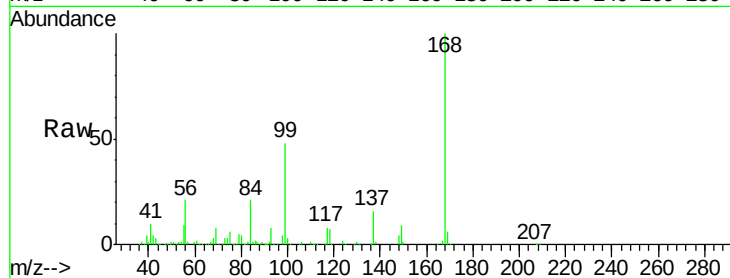
99 48.0 39.5 59.3

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Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

7.80

150000

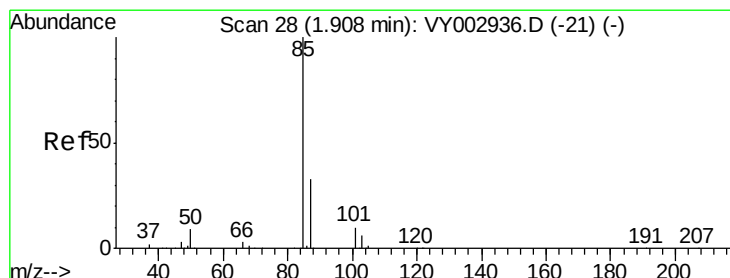
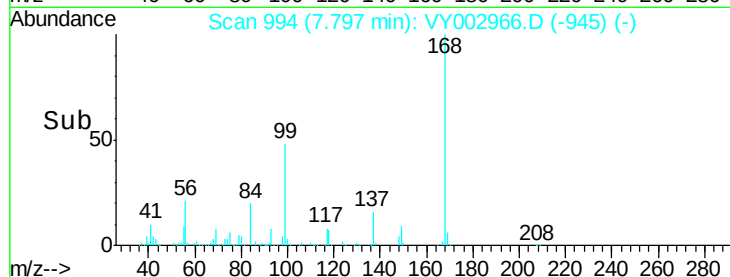
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 16.825 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002966.D

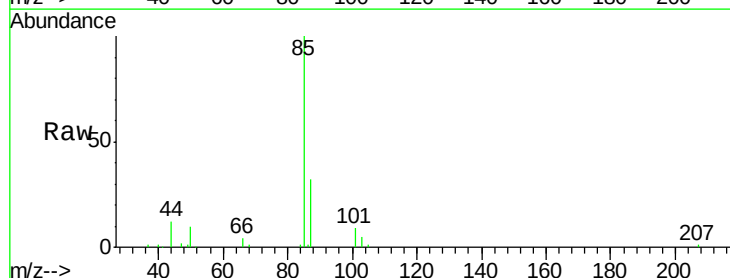
Acq: 22 Jun 2020 12:11

Tgt Ion: 85 Resp: 34586

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VY002936.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002936.D (-21) (-)

1.91

25000

20000

15000

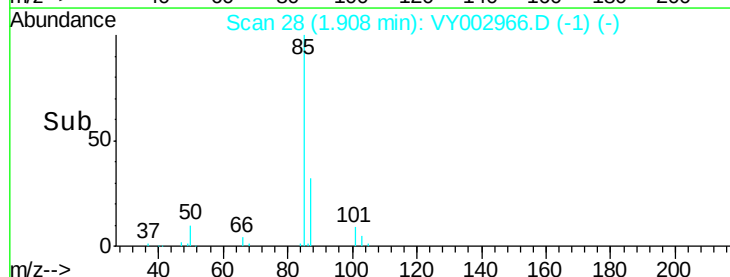
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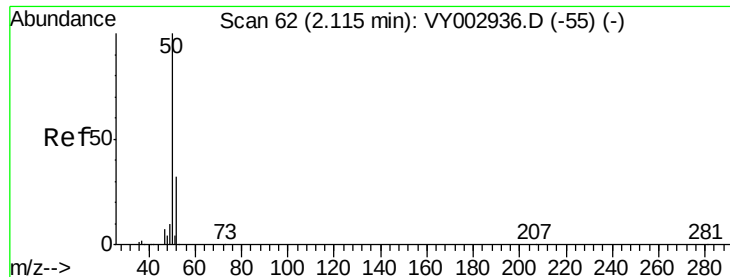
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.468 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 50 Resp: 43104

Ion Ratio Lower Upper

50 100

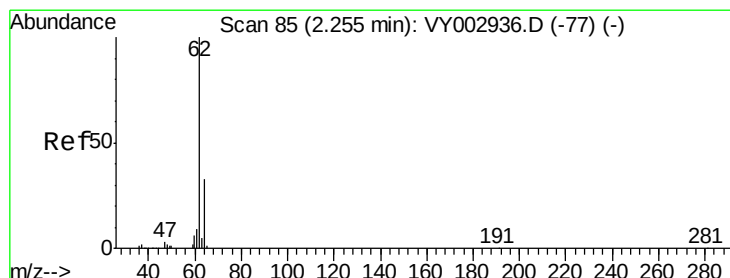
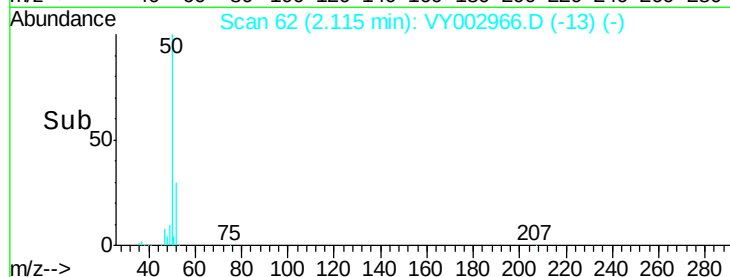
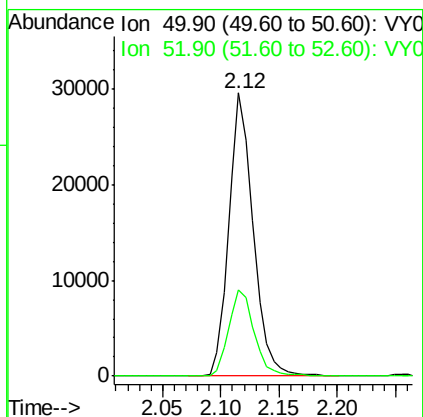
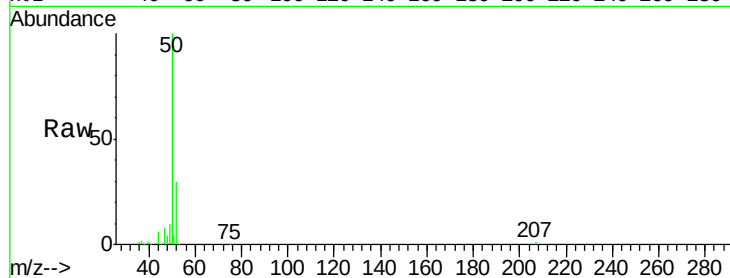
52 30.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.868 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002966.D

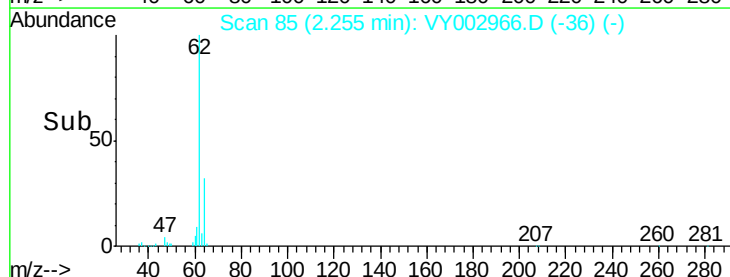
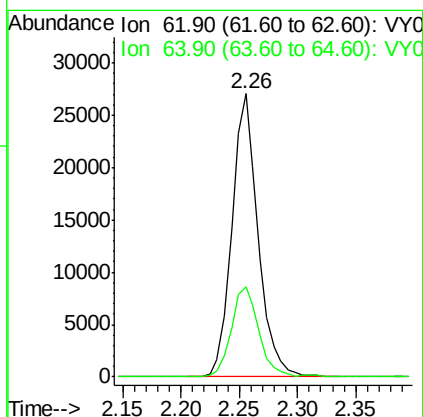
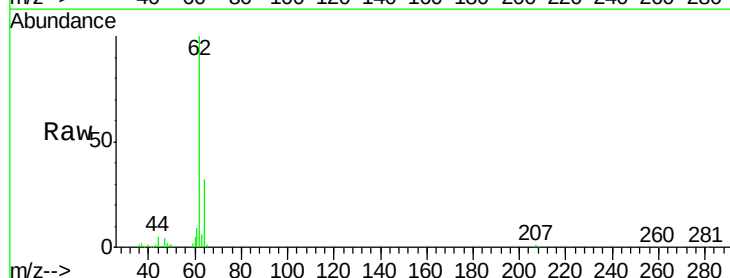
Acq: 22 Jun 2020 12:11

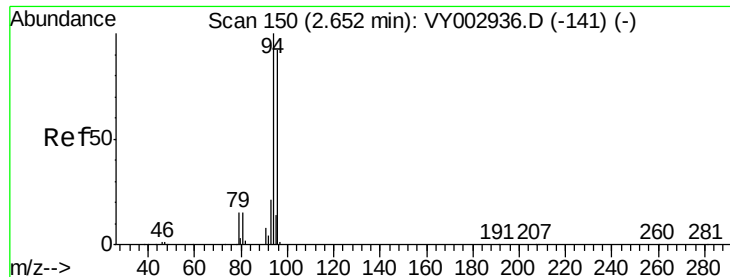
Tgt Ion: 62 Resp: 42270

Ion Ratio Lower Upper

62 100

64 32.0 26.3 39.5





#5

Bromomethane

Concen: 18.719 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 94 Resp: 34614

Ion Ratio Lower Upper

94 100

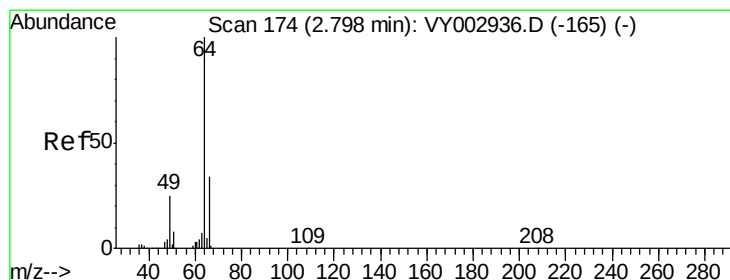
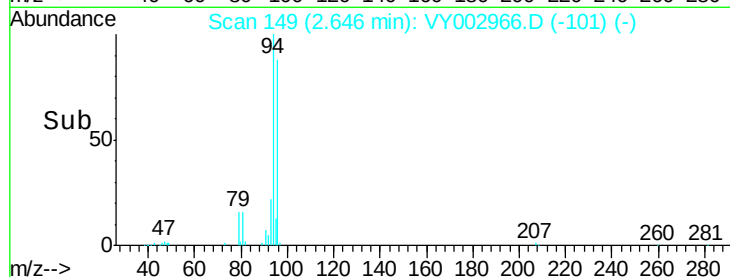
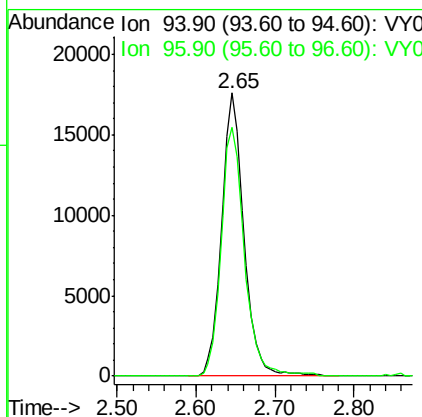
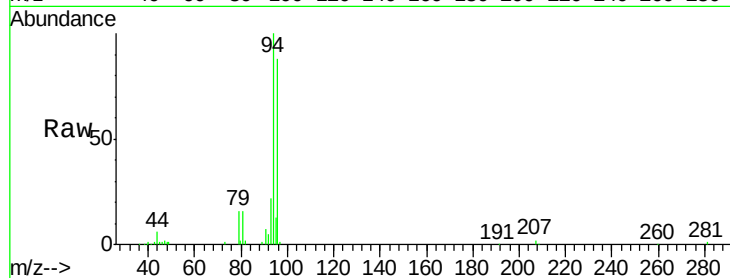
96 88.0 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 18.296 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002966.D

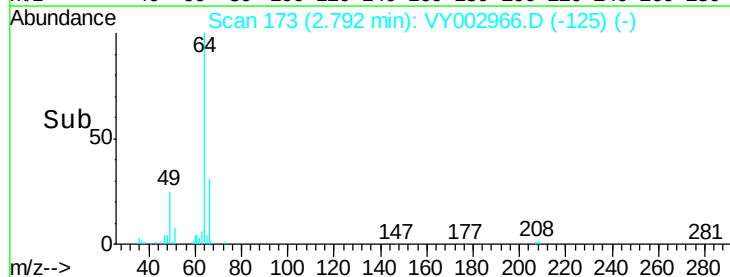
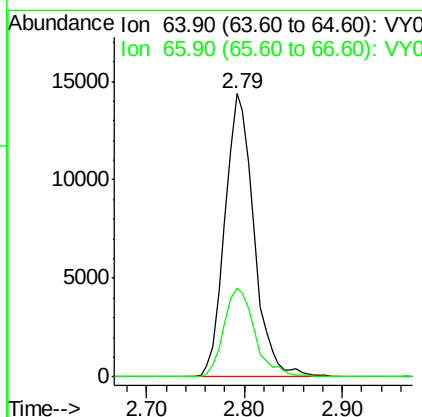
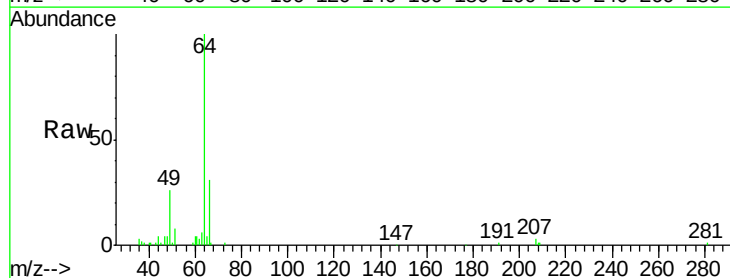
Acq: 22 Jun 2020 12:11

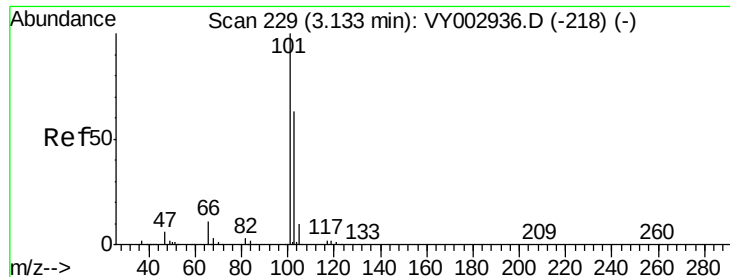
Tgt Ion: 64 Resp: 29654

Ion Ratio Lower Upper

64 100

66 31.5 27.0 40.6





#7

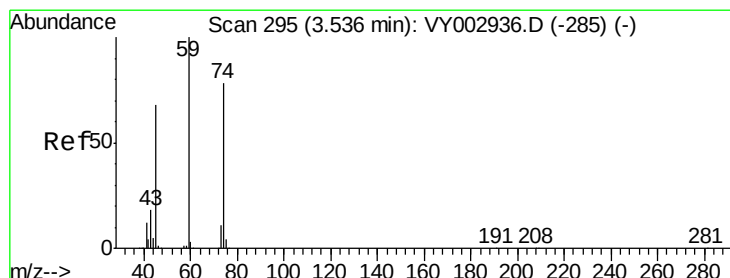
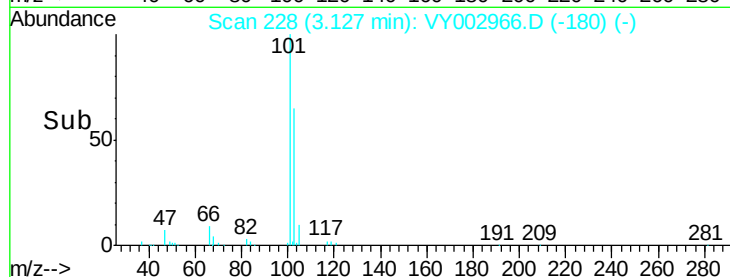
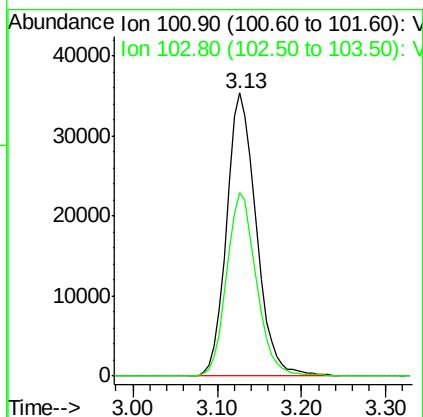
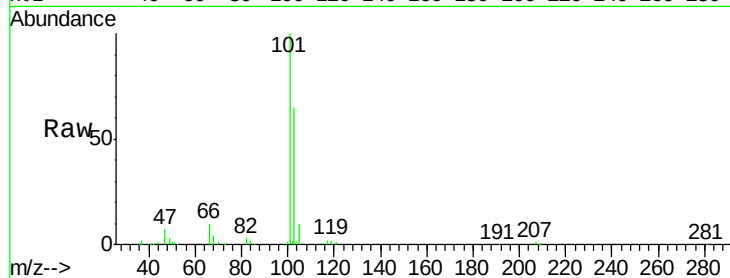
Trichlorofluoromethane
 Concen: 18.808 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
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 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	50.6	76.0

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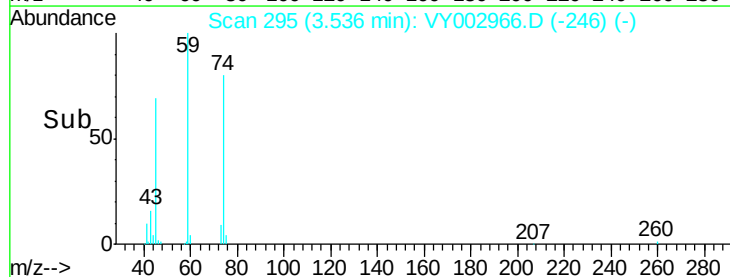
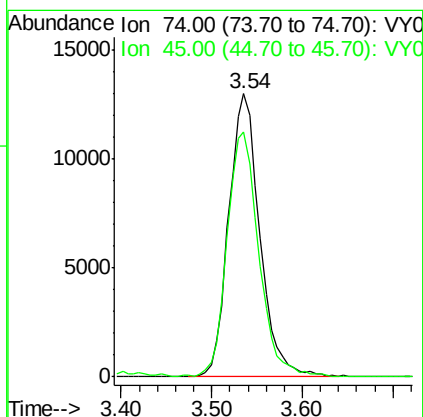
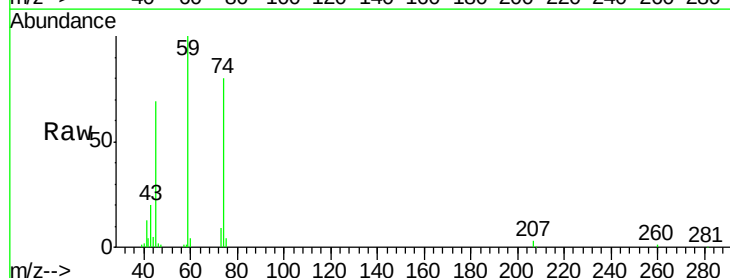
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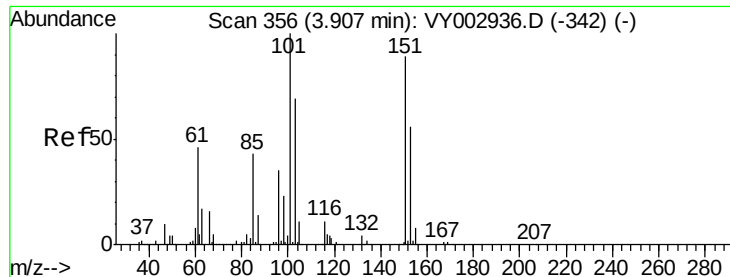


#8

Diethyl Ether
 Concen: 19.013 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	43.7	131.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.263 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

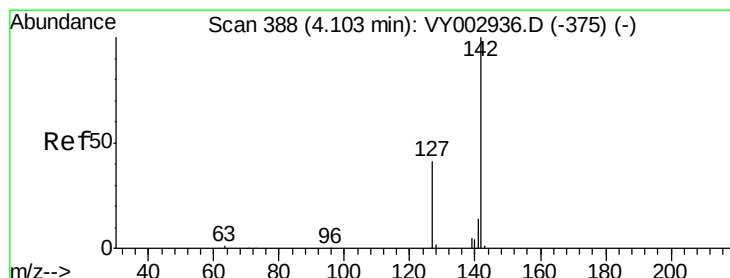
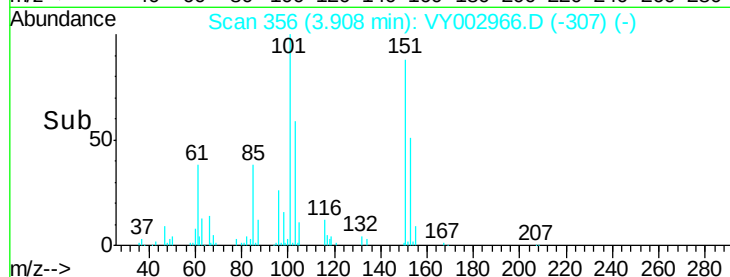
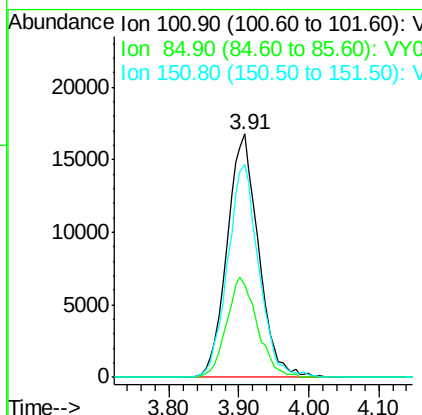
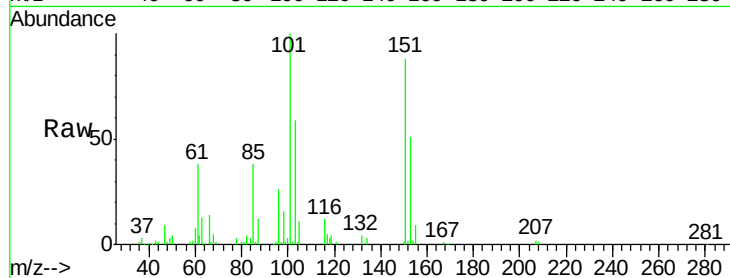
ClientSampleId :

VY0622SBS01

Tot Ion:	101	Resp:	52204
Ion Ratio	Lower	Upper	
101	100		
85	40.3	33.6	50.4
151	87.1	70.4	105.6

Manual Integrations
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#10

Methyl Iodide

Concen: 16.954 ug/l

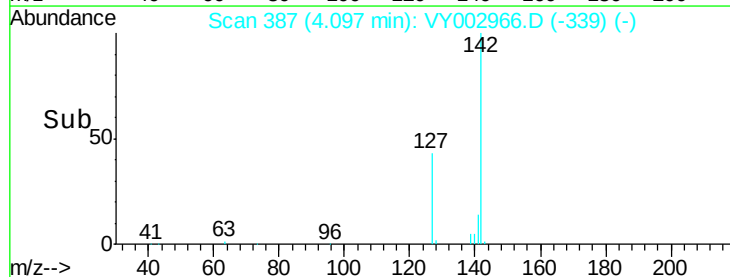
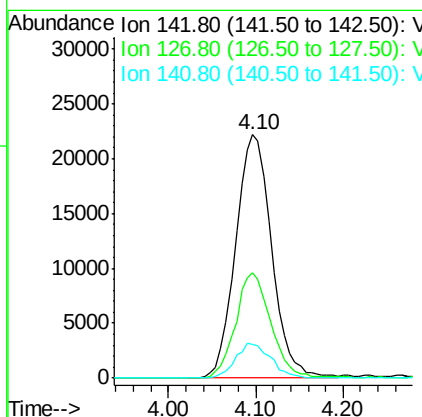
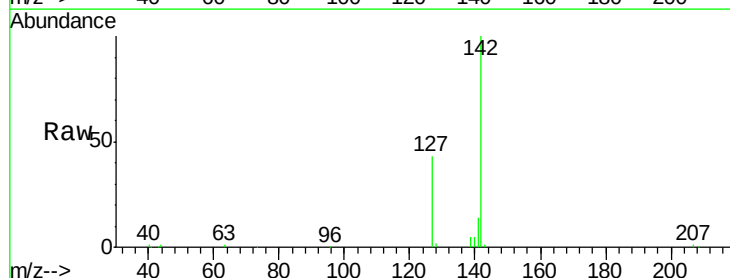
RT: 4.10 min Scan# 387

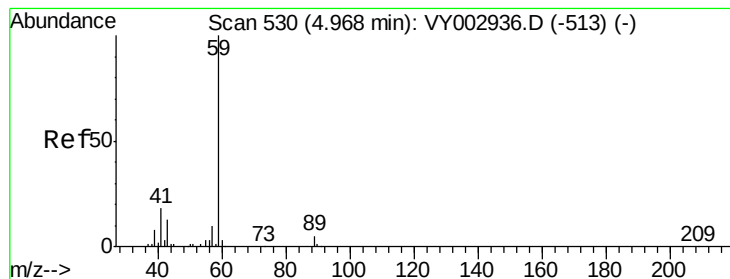
Delta R.T. -0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	142	Resp:	63612
Ion Ratio	Lower	Upper	
142	100		
127	42.2	32.9	49.3
141	14.1	11.3	16.9





#11

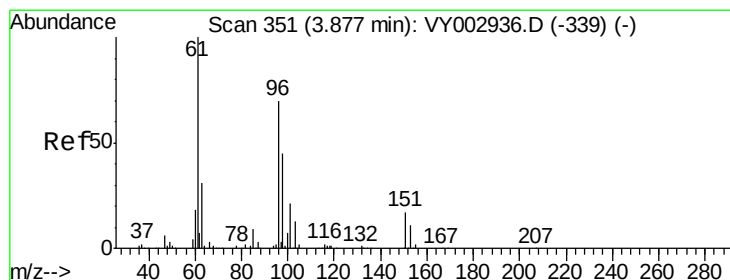
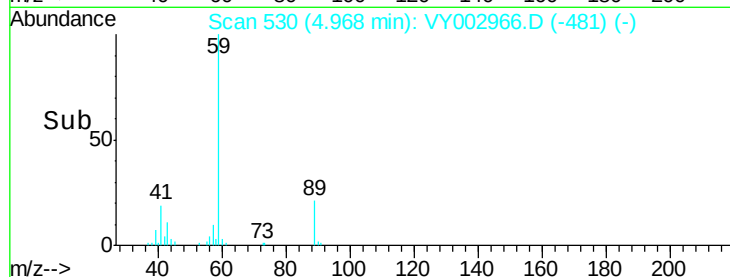
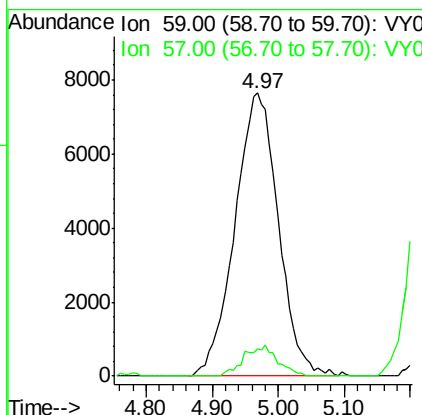
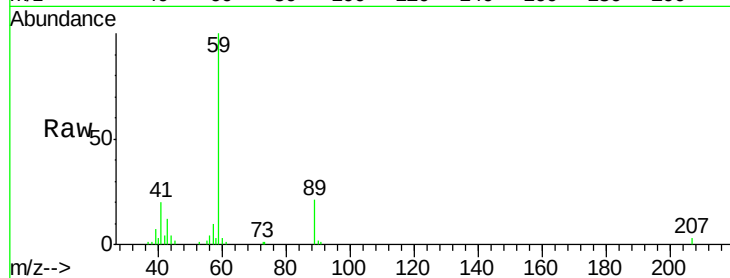
Tert butyl alcohol
 Concen: 112.211 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.4	7.4	11.2

Manual Integrations
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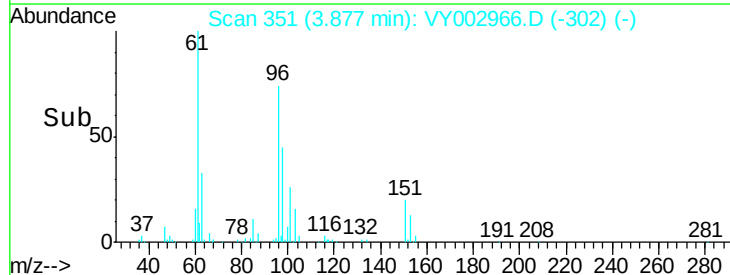
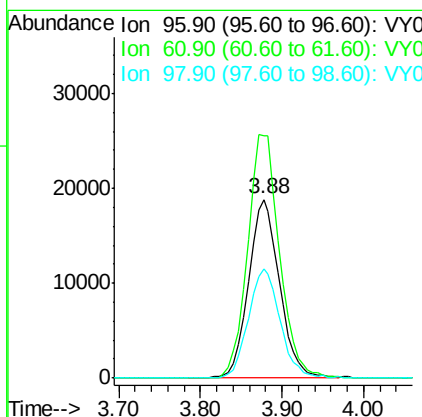
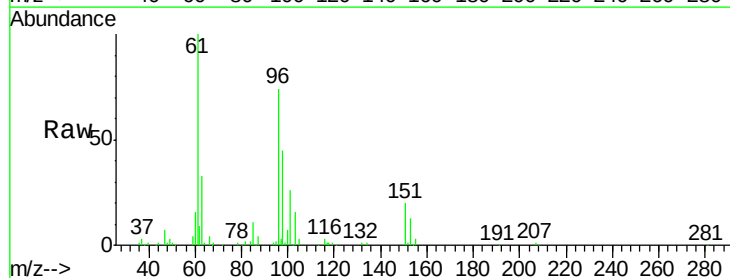
MMDadoda
 6/23/2020 8:13:15 PM

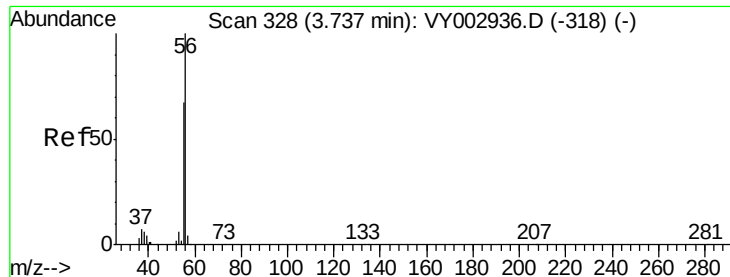


#12

1,1-Dichloroethene
 Concen: 18.593 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.3	114.6	172.0
98	61.3	51.4	77.0





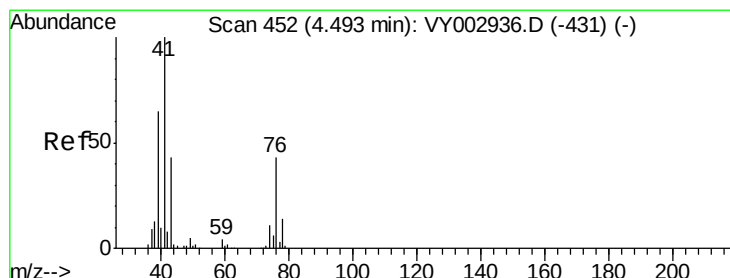
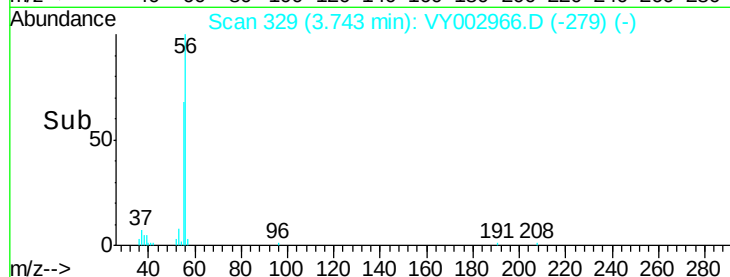
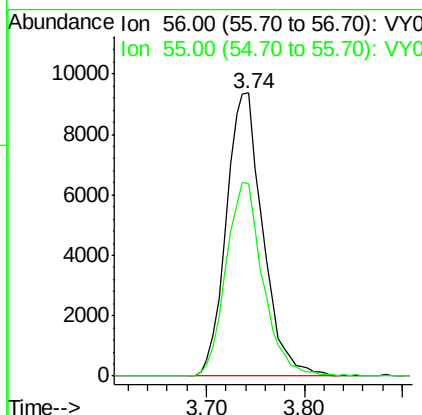
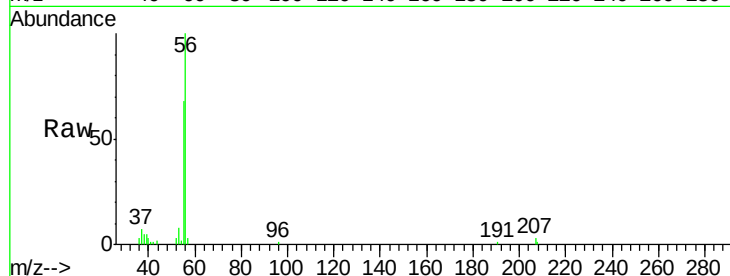
#13
Acrolein
Concen: 90.678 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.0	55.3	82.9

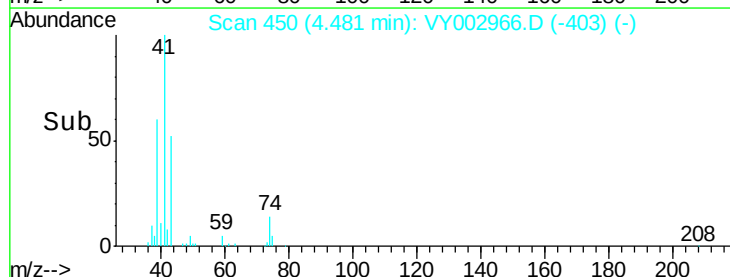
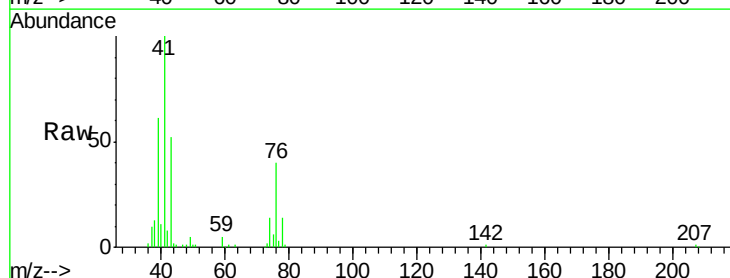
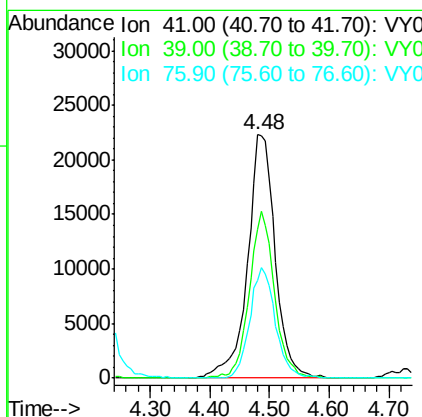
Manual Integrations
APPROVED

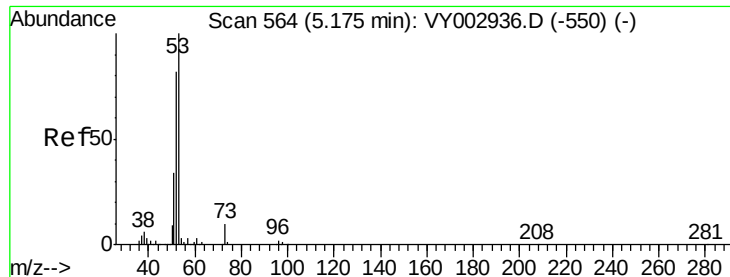
MMDadoda
6/23/2020 8:13:15 PM



#14
Allyl chloride
Concen: 18.520 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	62.5	50.0	75.0
76	76	41.7	33.3	49.9





#15

Acrylonitrile

Concen: 98.669 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

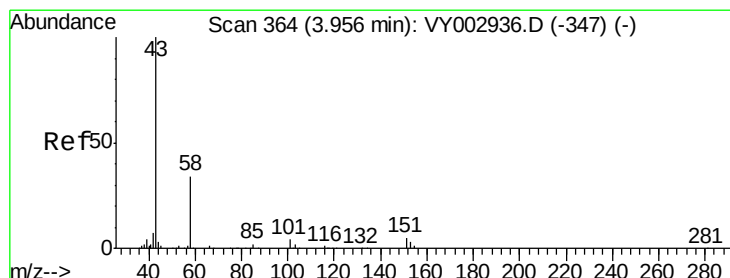
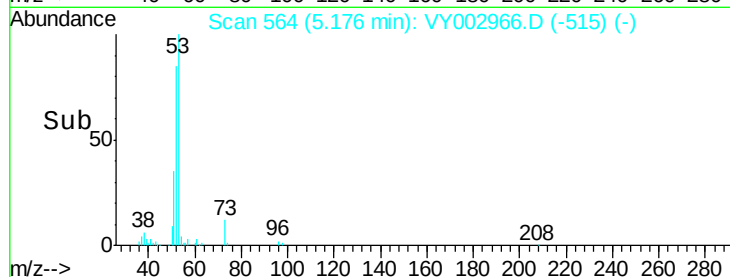
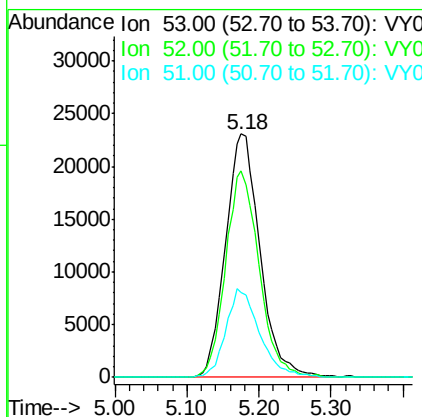
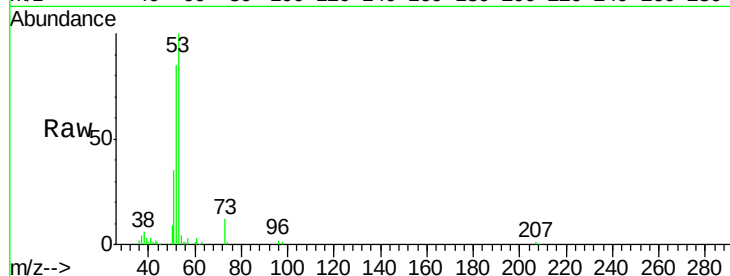
ClientSampleId :

VY0622SBS01

Tot Ion:	53	Resp:	76834
Ion	Ratio	Lower	Upper
53	100		
52	82.6	65.7	98.5
51	35.6	28.1	42.1

Manual Integrations
APPROVED

MMDadoda
6/23/2020 8:13:15 PM



#16

Acetone

Concen: 97.124 ug/l

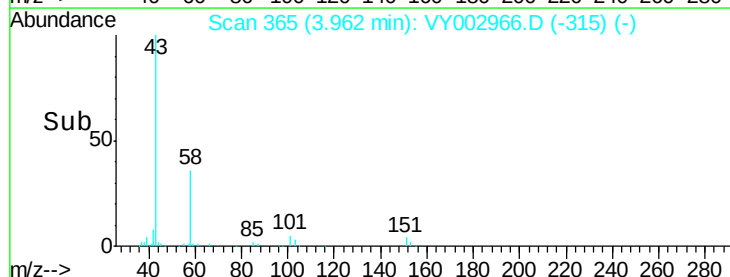
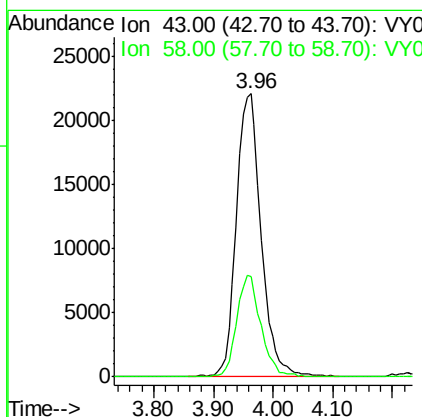
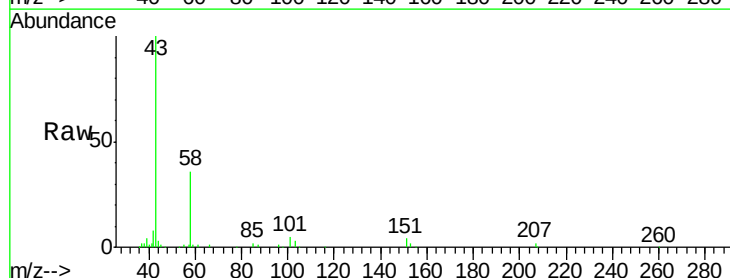
RT: 3.96 min Scan# 365

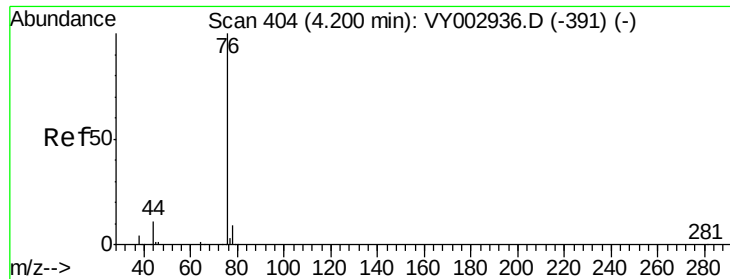
Delta R.T. 0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	43	Resp:	64066
Ion	Ratio	Lower	Upper
43	100		
58	35.6	27.3	40.9





#17

Carbon Disulfide

Concen: 16.551 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 76 Resp: 131504

Ion Ratio Lower Upper

76 100

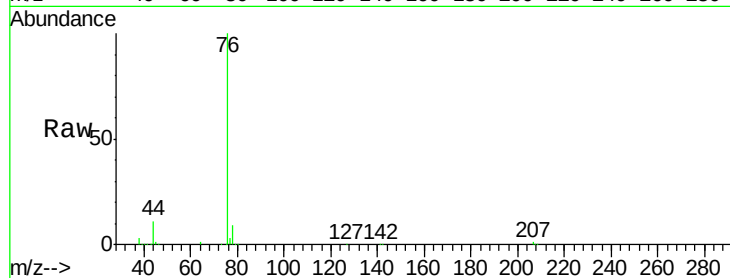
78 9.1 7.4 11.2

Manual Integrations

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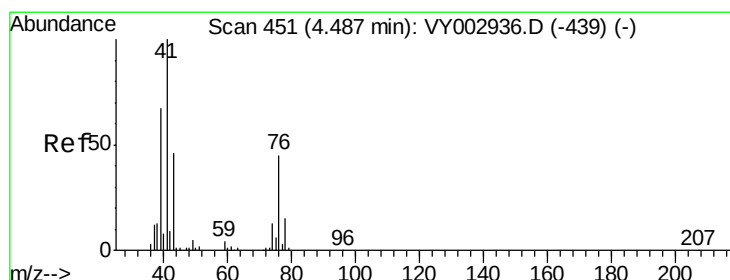
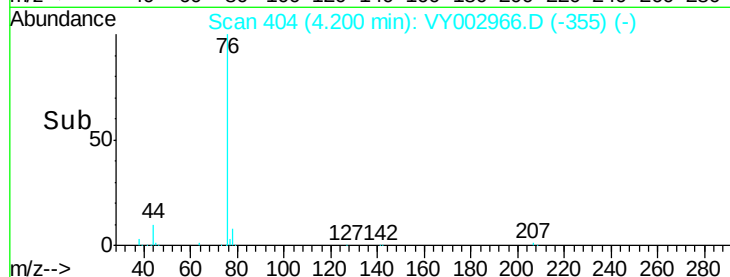
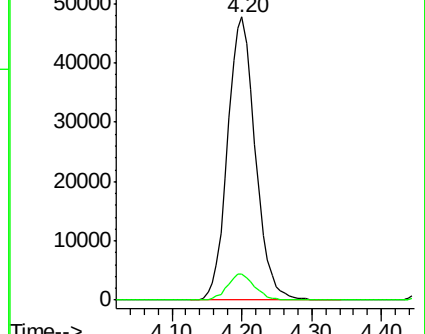
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 20.148 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002966.D

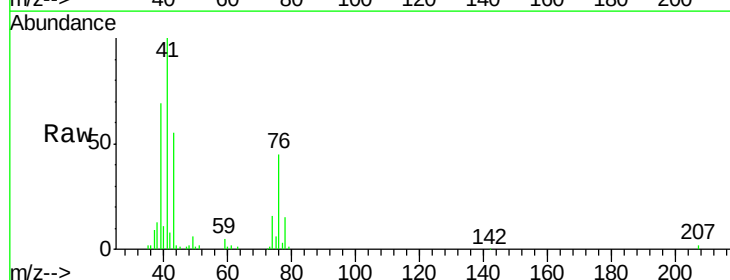
Acq: 22 Jun 2020 12:11

Tgt Ion: 43 Resp: 37216

Ion Ratio Lower Upper

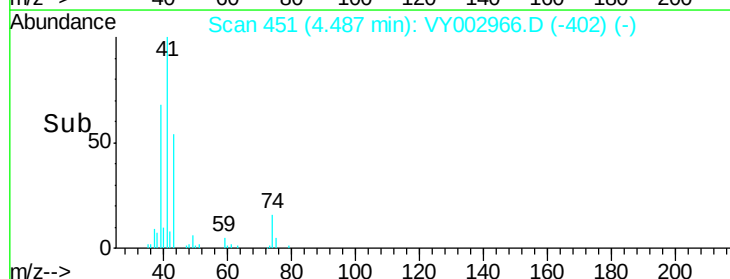
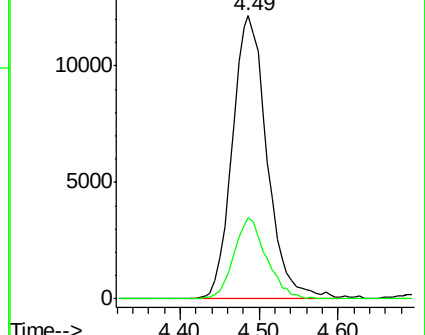
43 100

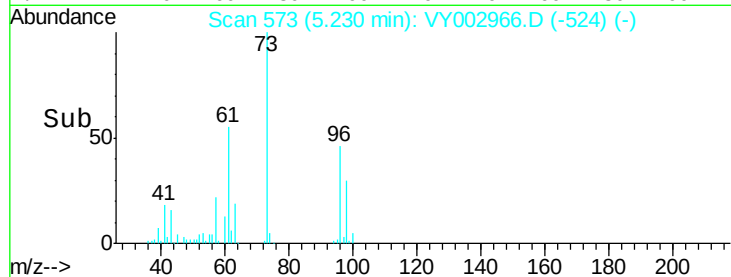
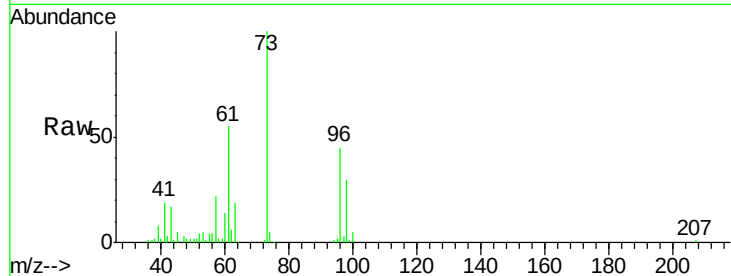
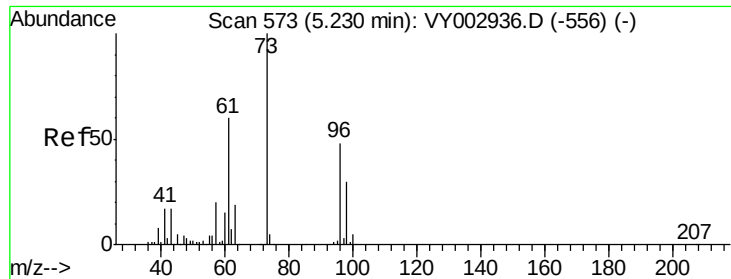
74 26.7 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





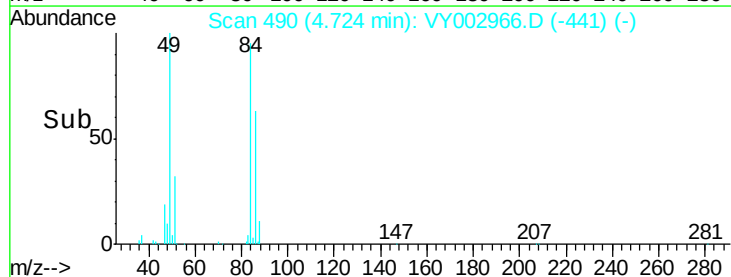
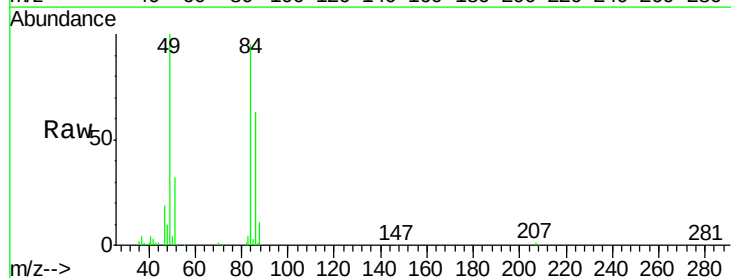
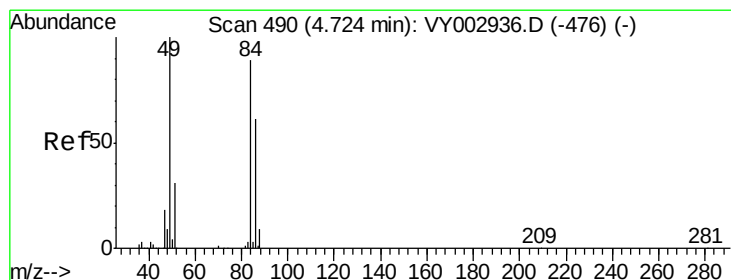
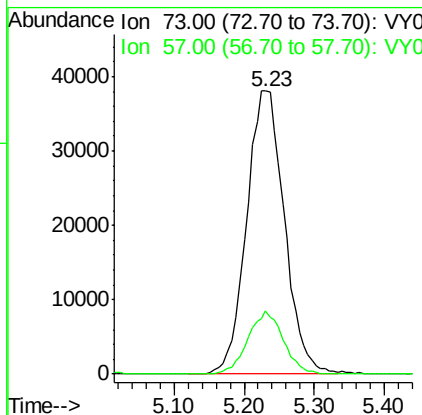
#19
Methyl tert-butyl Ether
Concen: 19.497 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tot Ion	73	Resp	142713
Ion Ratio	100	Lower	Upper
57	22.2	16.4	24.6

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

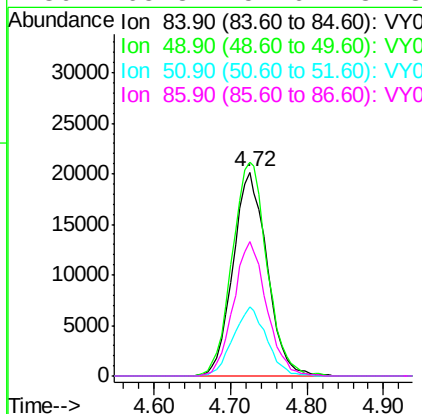
Manual Integrations
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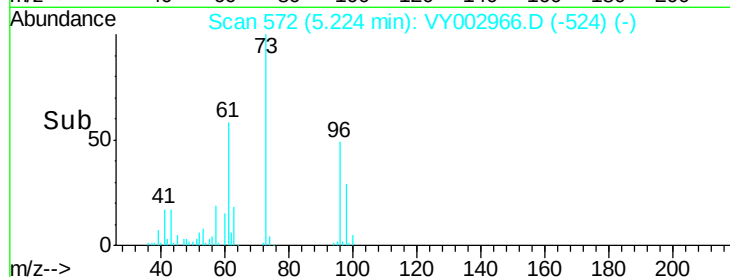
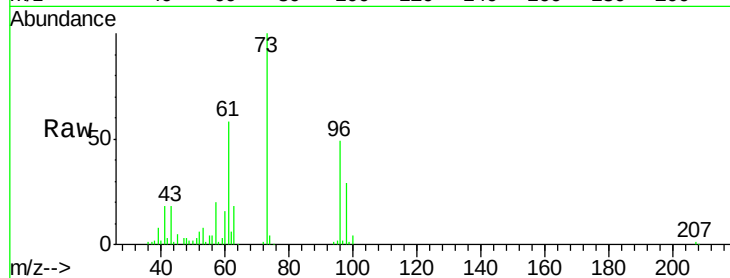
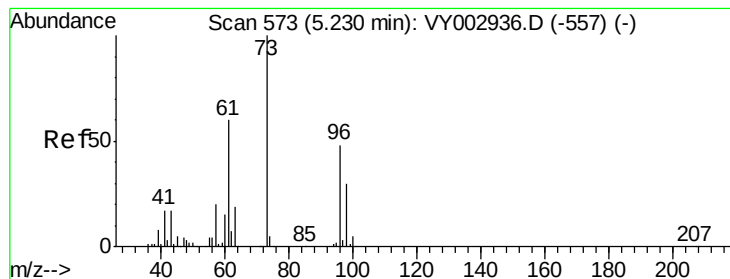
MMDadoda
6/23/2020 8:13:15 PM



#20
Methylene Chloride
Concen: 14.768 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	84	Resp	62171
Ion Ratio	100	Lower	Upper
49	104.9	90.0	135.0
51	33.7	27.9	41.9
86	65.8	54.6	81.8





#21

trans-1,2-Dichloroethene

Concen: 18.550 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tot Ion:	96	Resp:	55350
Ion	Ratio	Lower	Upper
96	100		
61	117.7	100.6	150.8
98	58.5	49.8	74.8

Instrument :

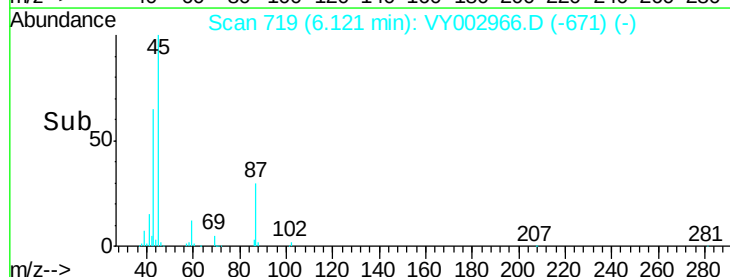
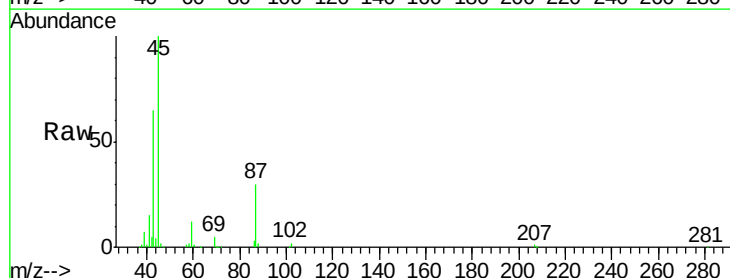
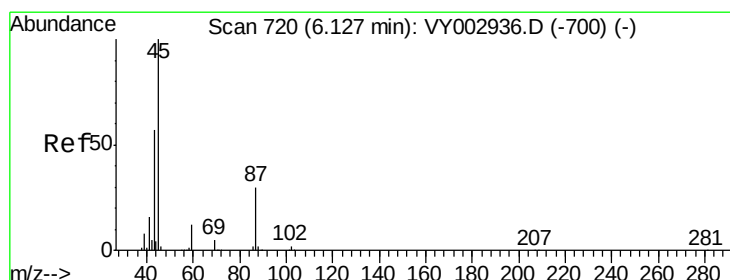
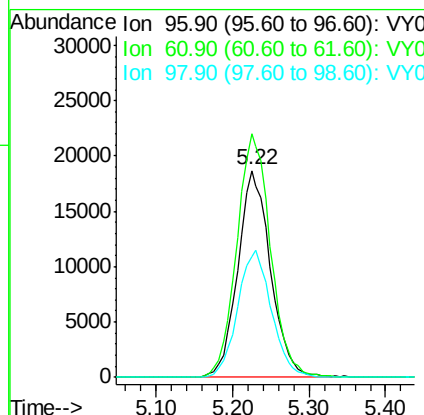
MSVOA_Y

ClientSampleId :

VY0622SBS01

Manual Integrations
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6/23/2020 8:13:15 PM



#22

Diisopropyl ether

Concen: 19.125 ug/l

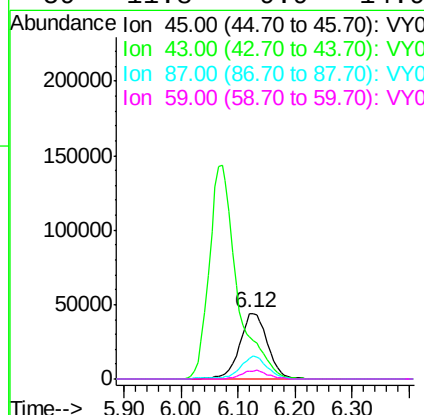
RT: 6.12 min Scan# 719

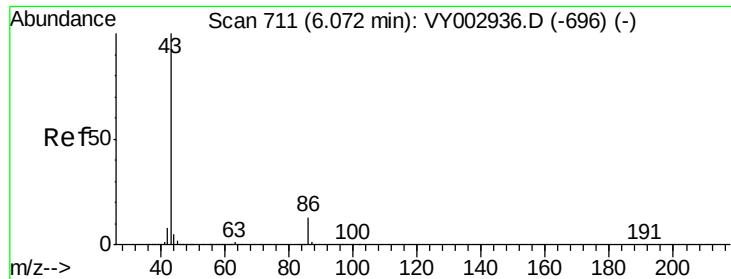
Delta R.T. -0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	45	Resp:	151348
Ion	Ratio	Lower	Upper
45	100		
43	64.8	46.2	69.2
87	30.4	24.9	37.3
59	11.8	9.9	14.9





#23

Vinyl Acetate

Concen: 95.636 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 43 Resp: 489568

Ion Ratio Lower Upper

43 100

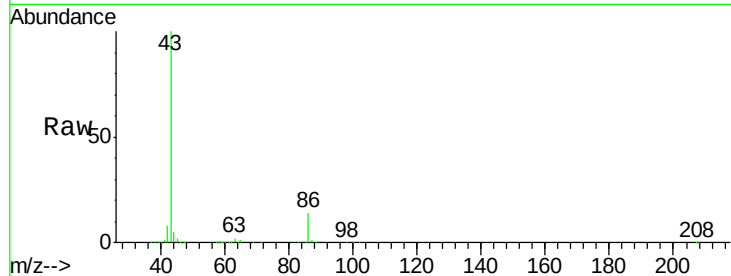
86 13.6 10.6 15.8

Manual Integrations

APPROVED

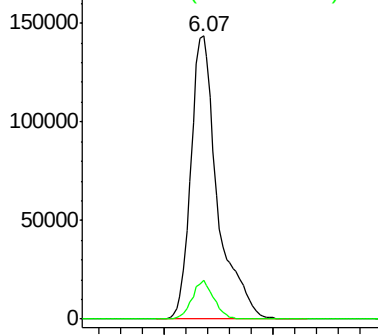
MMDadoda

6/23/2020 8:13:15 PM

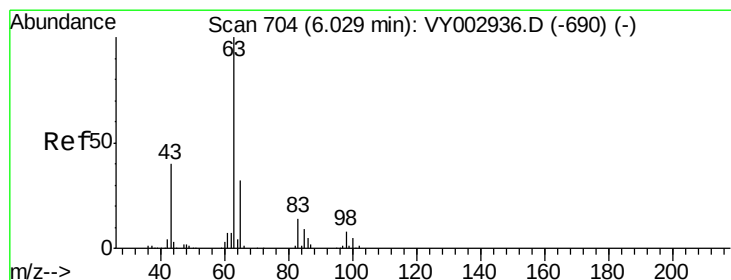
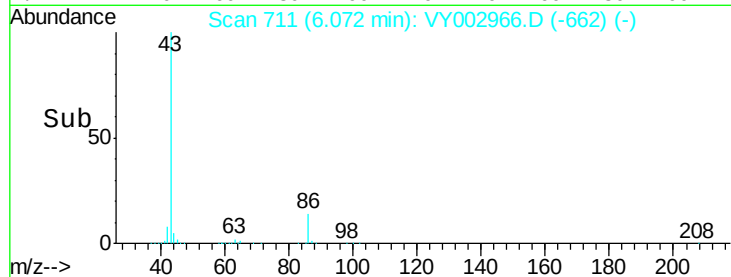


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 19.240 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

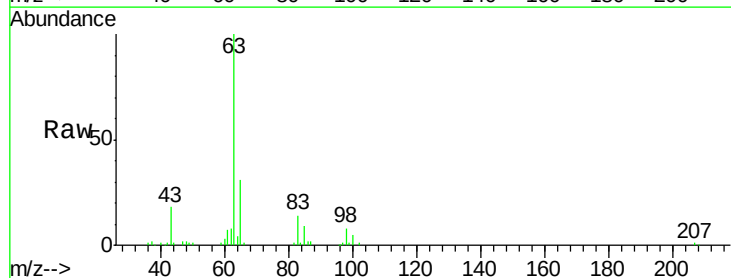
Tgt Ion: 63 Resp: 90201

Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

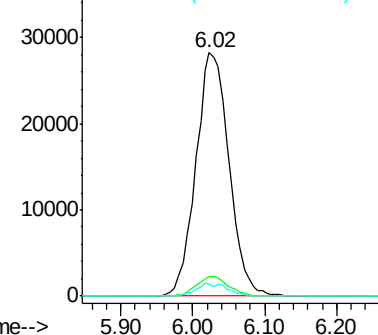
100 5.2 2.5 7.6



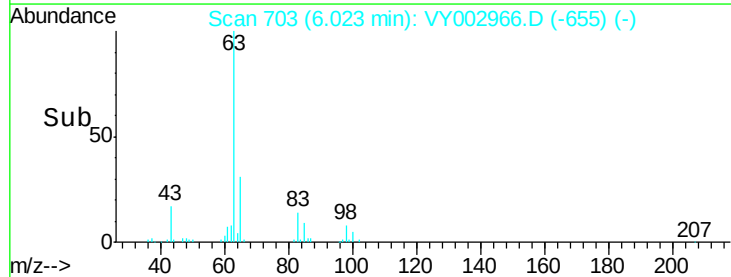
Abundance Ion 62.90 (62.60 to 63.60): VY0

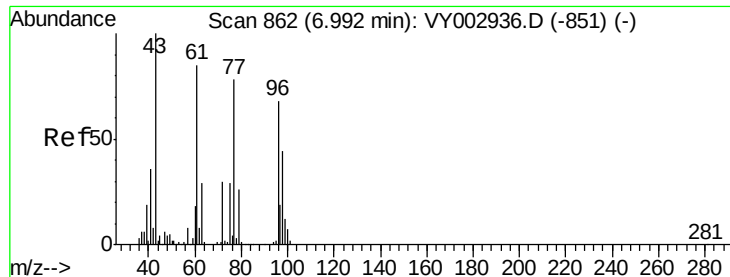
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 98.128 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 43 Resp: 96994

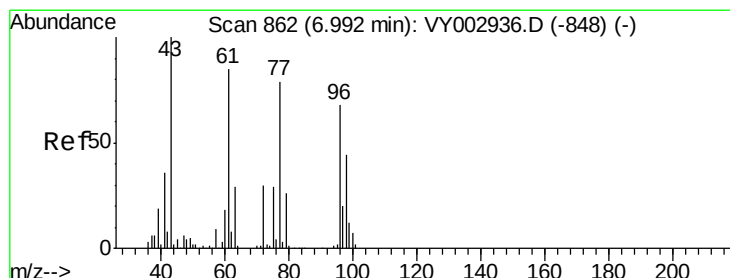
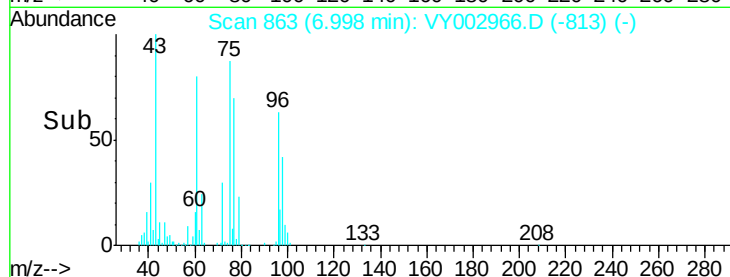
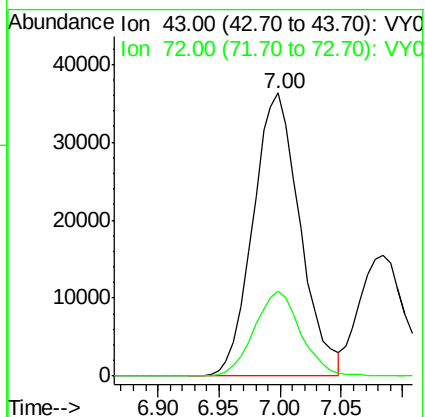
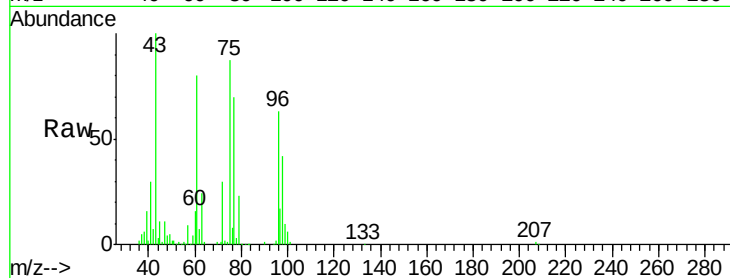
Ion Ratio Lower Upper

43 100

72 29.8 24.2 36.4

Manual Integrations
APPROVED

MMDadoda
6/23/2020 8:13:15 PM



#26

2,2-Dichloropropane

Concen: 19.847 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY002966.D

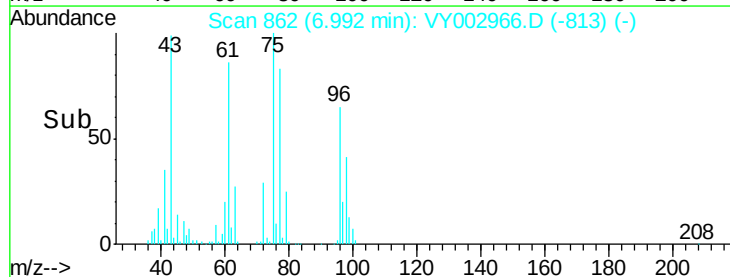
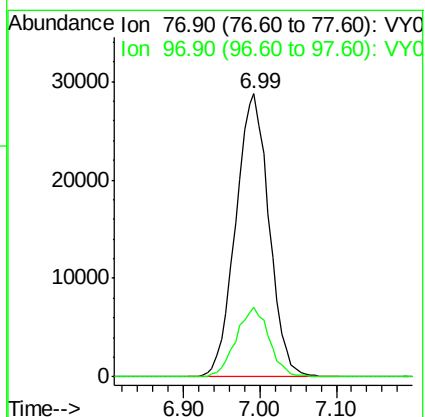
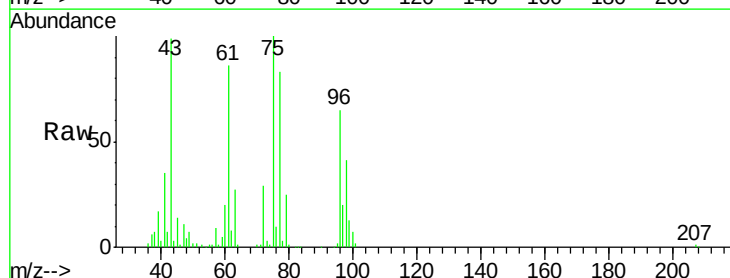
Acq: 22 Jun 2020 12:11

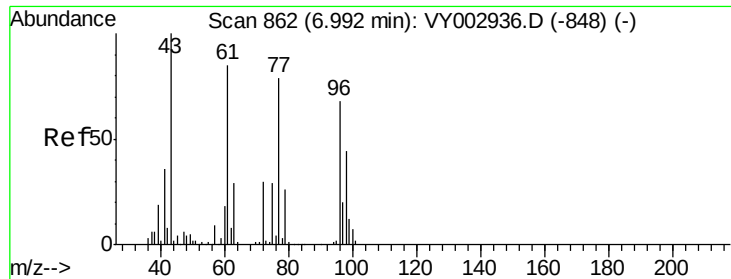
Tgt Ion: 77 Resp: 86905

Ion Ratio Lower Upper

77 100

97 24.1 12.3 36.9





#27

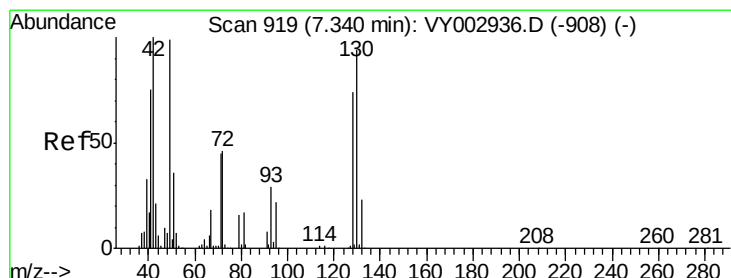
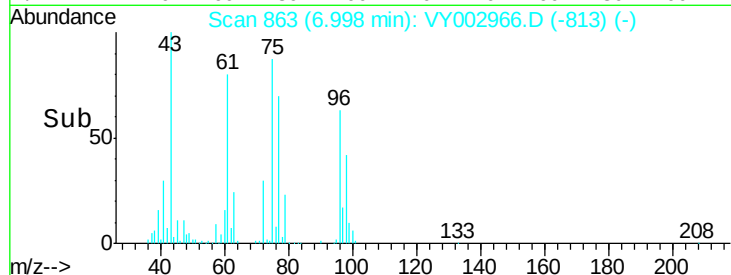
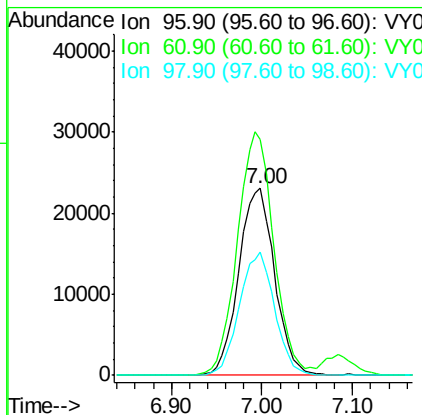
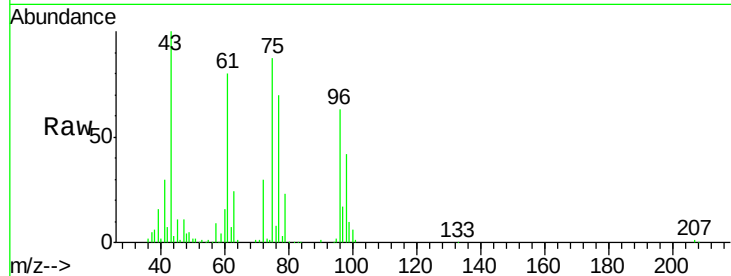
cis-1,2-Dichloroethene
Concen: 18.960 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.6	0.0	257.0
98	64.6	0.0	129.8

Manual Integrations
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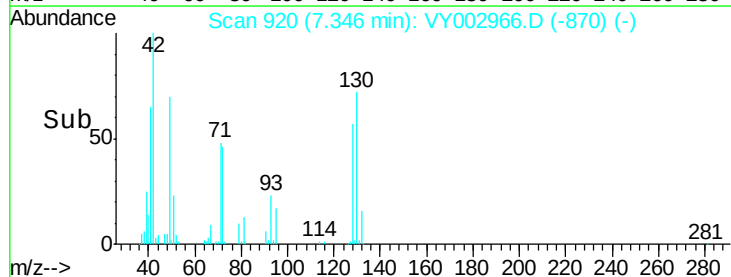
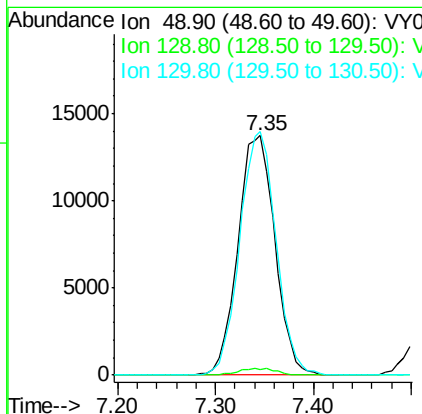
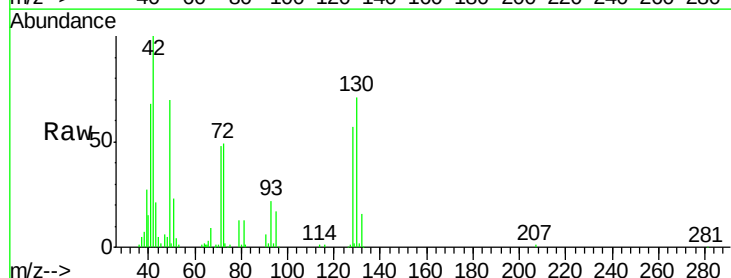
MMDadoda
6/23/2020 8:13:15 PM

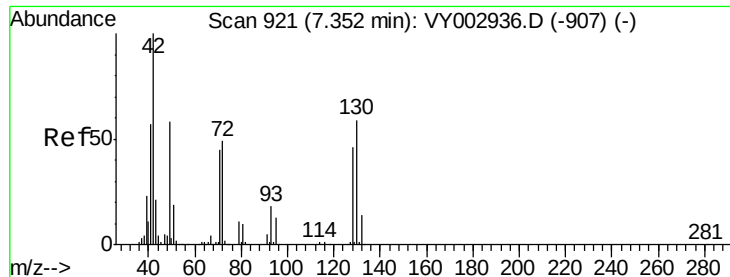


#28

Bromochloromethane
Concen: 18.345 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	99.5	78.4	117.6





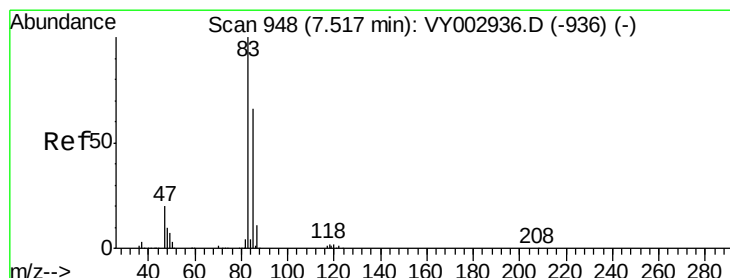
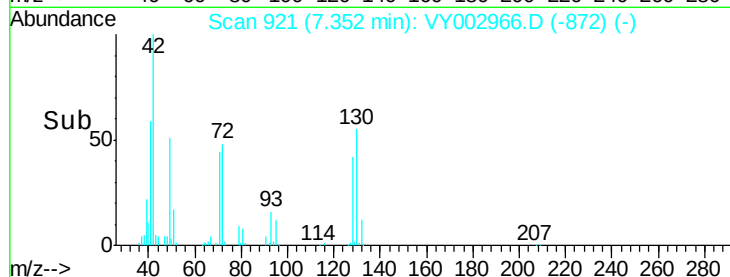
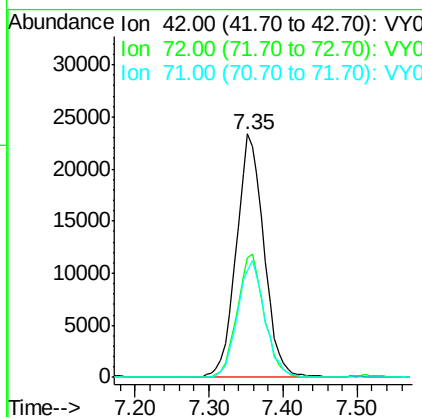
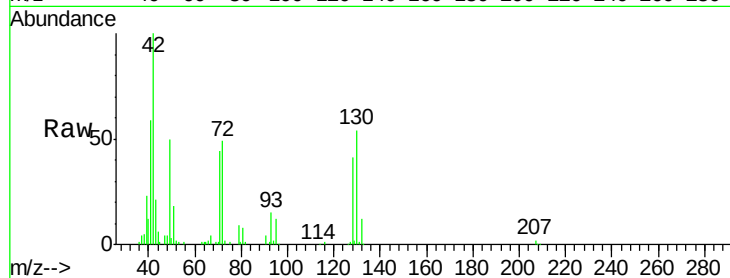
#29
Tetrahydrofuran
Concen: 95.457 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.3	39.1	58.7
71	46.9	36.4	54.6

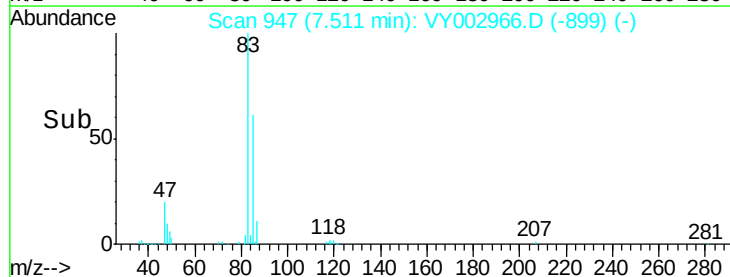
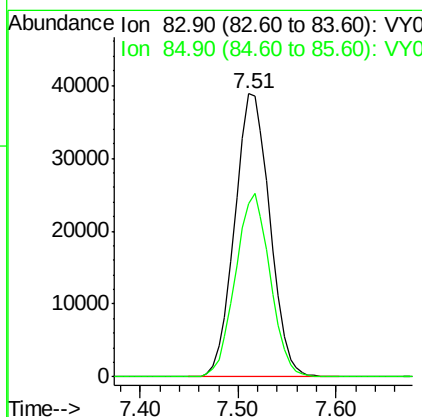
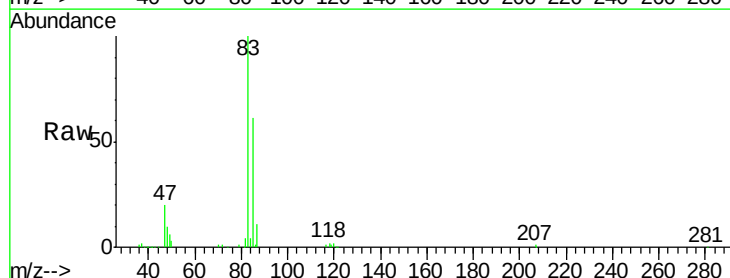
Manual Integrations
APPROVED

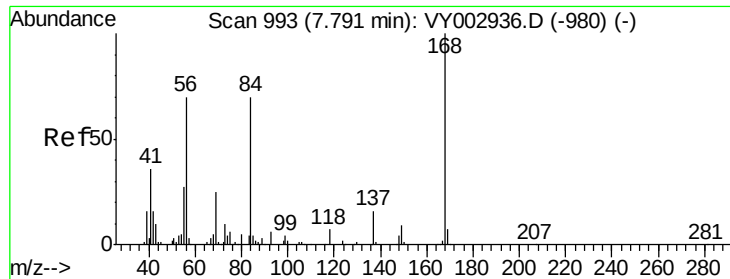
MMDadoda
6/23/2020 8:13:15 PM



#30
Chloroform
Concen: 19.723 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.3	53.1	79.7





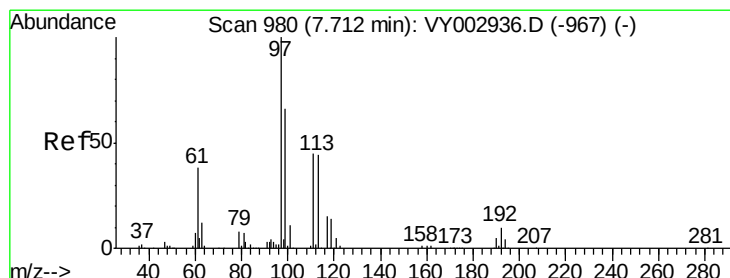
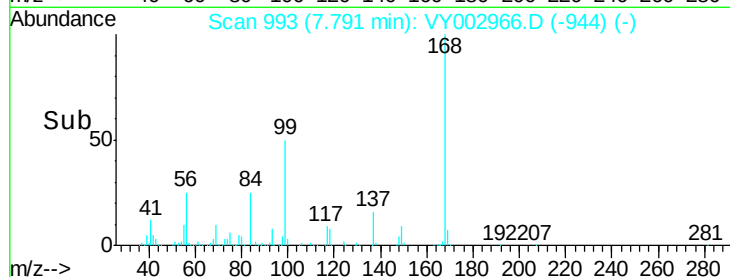
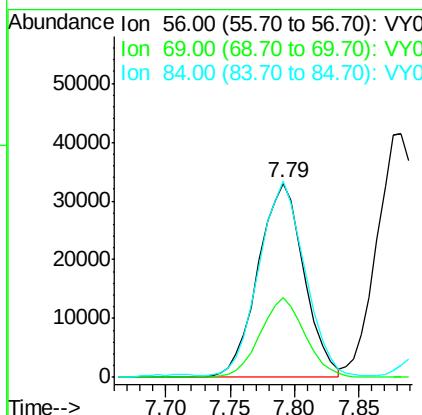
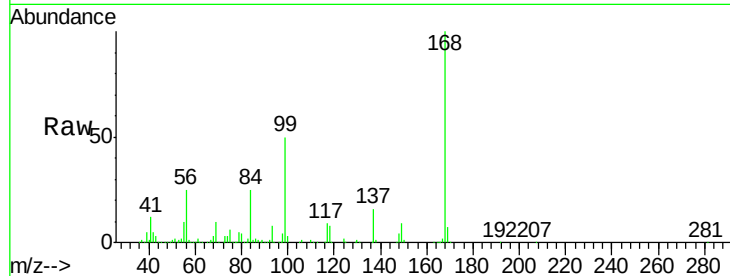
#31
Cyclohexane
Concen: 17.820 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	41.1	28.9	43.3	
84	100.1	80.1	120.1	

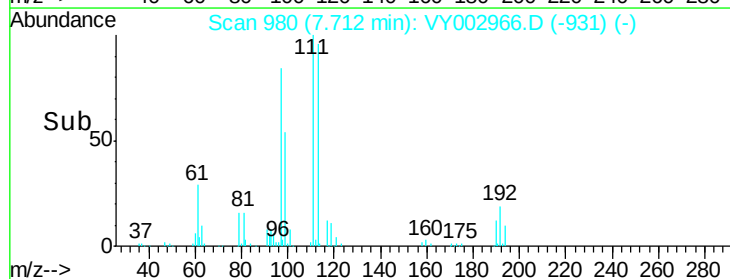
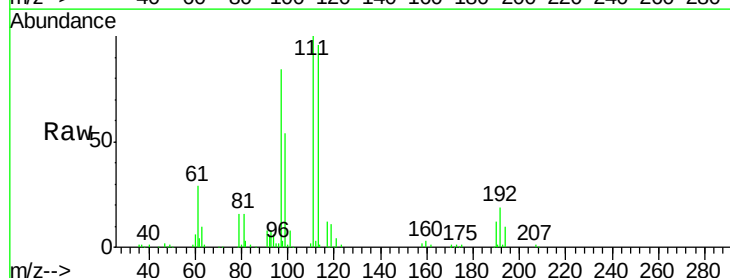
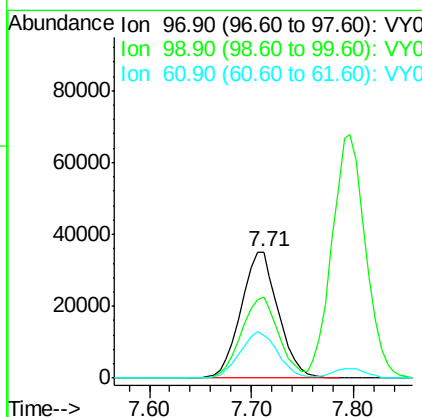
Manual Integrations
APPROVED

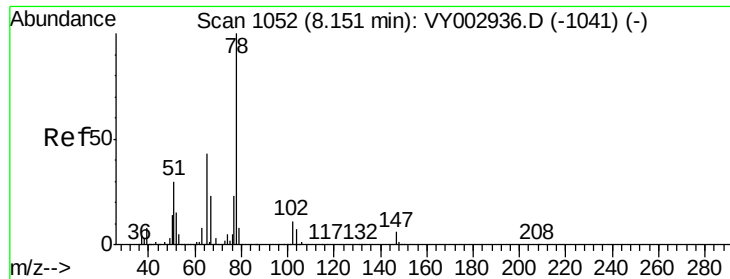
MMDadoda
6/23/2020 8:13:15 PM



#32
1,1,1-Trichloroethane
Concen: 19.632 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.2	52.2	78.2	
61	37.3	30.3	45.5	





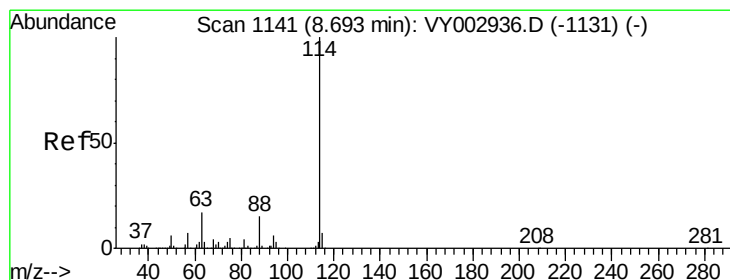
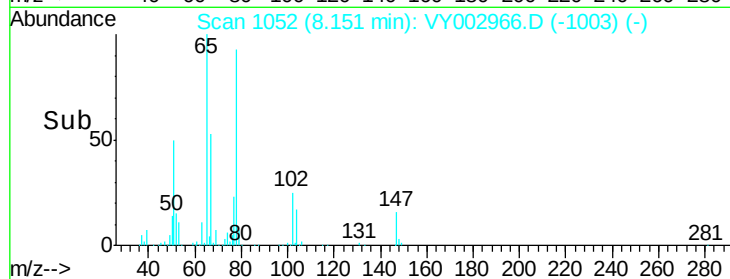
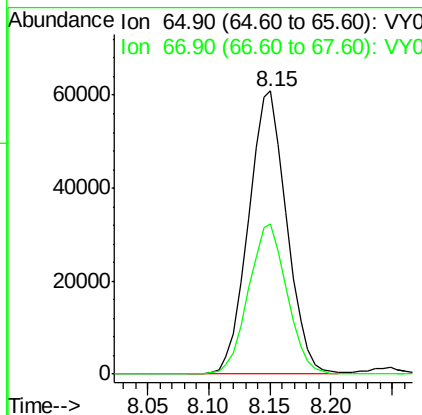
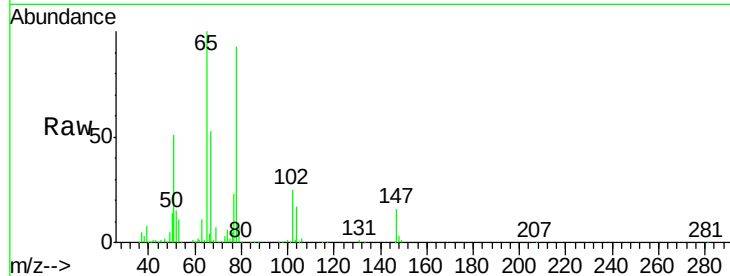
#33
 1,2-Dichloroethane-d4
 Concen: 49.560 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	109.4

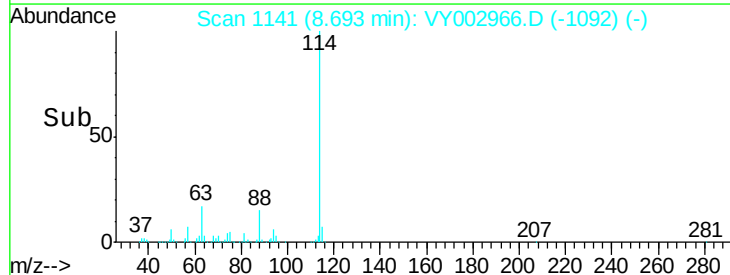
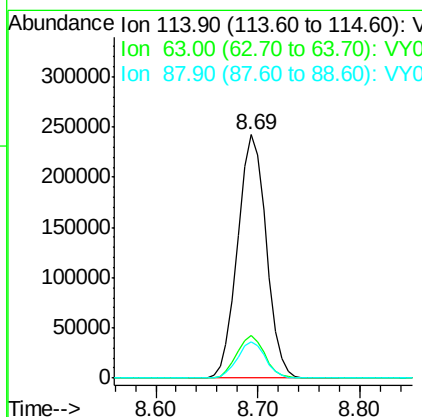
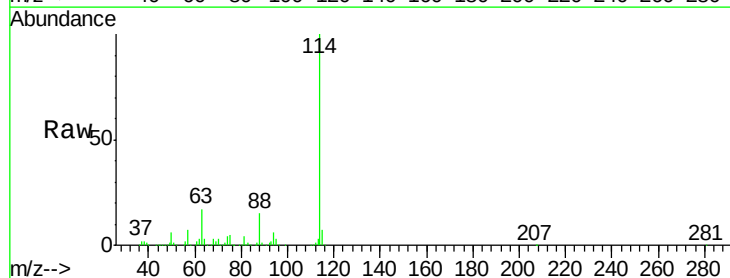
Manual Integrations
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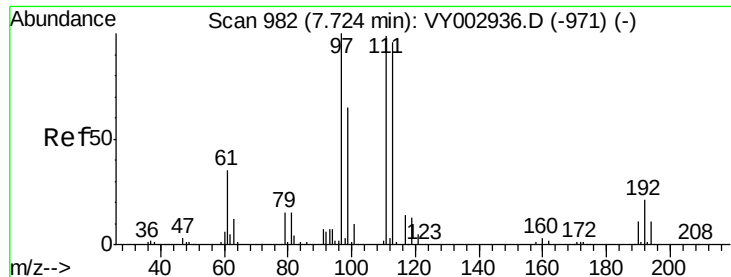
MMDadoda
 6/23/2020 8:13:15 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	34.6
88	14.7	0.0	29.2





#35

Dibromofluoromethane

Concen: 50.479 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

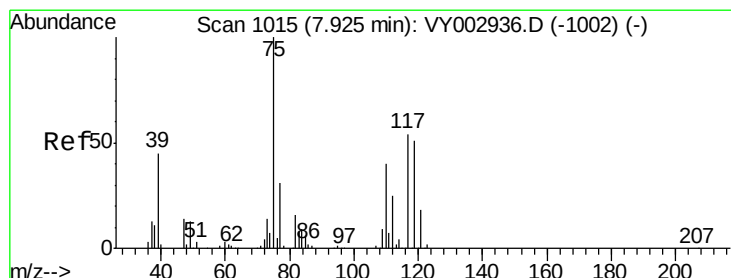
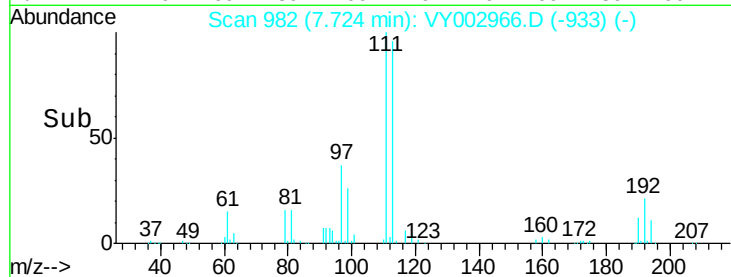
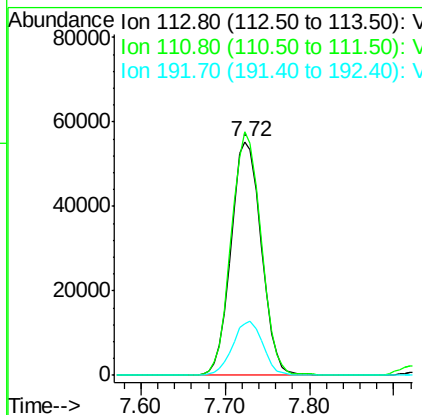
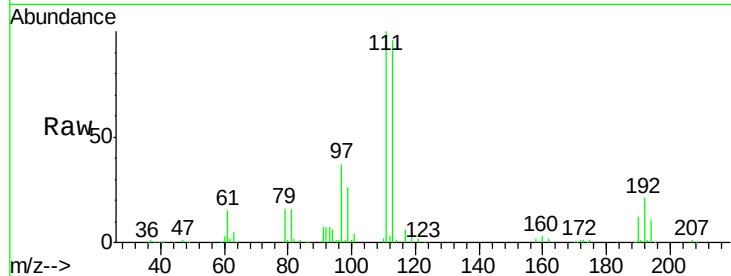
ClientSampleId :

VY0622SBS01

Tot Ion:	113	Resp:	134452
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.5	122.3
192	23.1	19.2	28.8

Manual Integrations
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6/23/2020 8:13:15 PM



#36

1,1-Dichloropropene

Concen: 18.895 ug/l

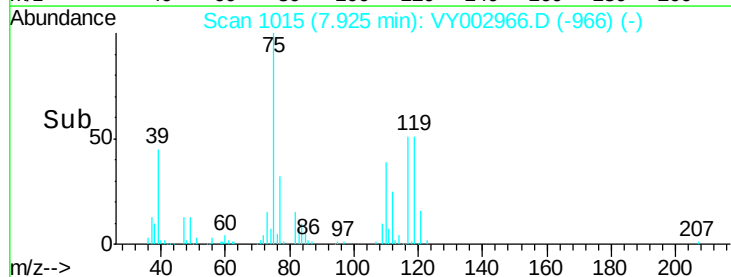
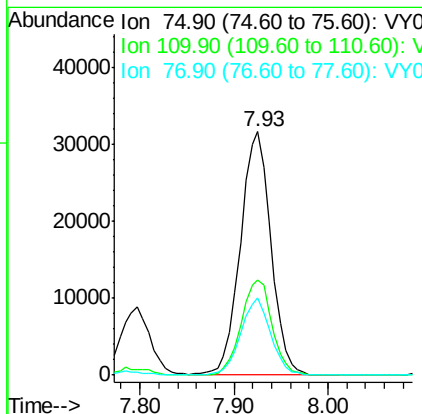
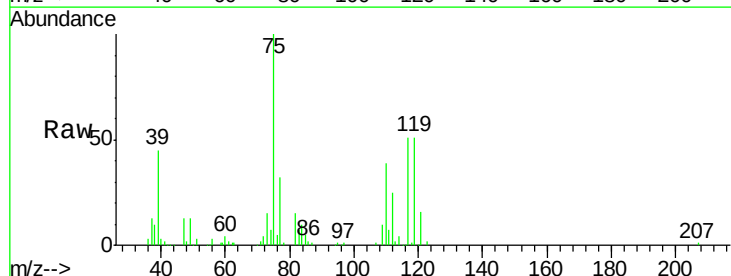
RT: 7.93 min Scan# 1015

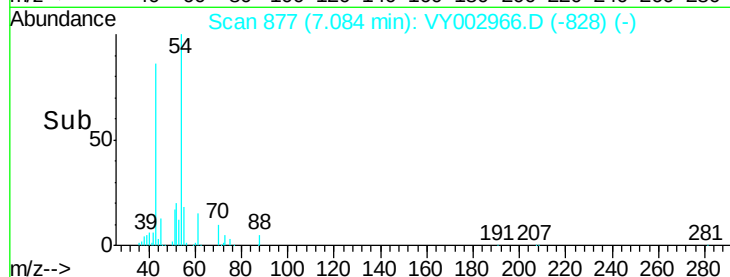
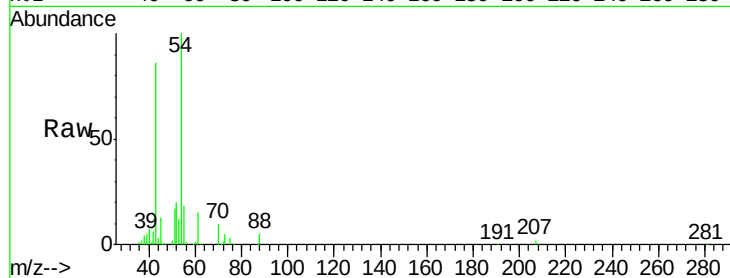
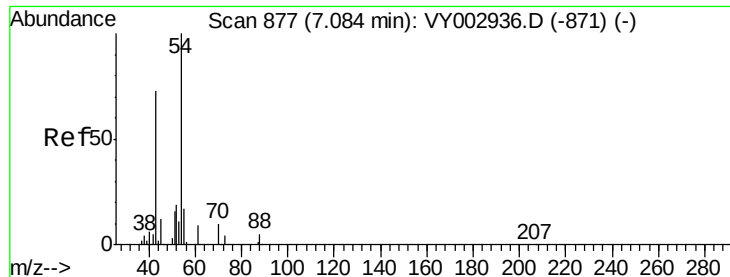
Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	75	Resp:	72235
Ion Ratio	Lower	Upper	
75	100		
110	39.3	19.7	59.0
77	30.8	25.0	37.4





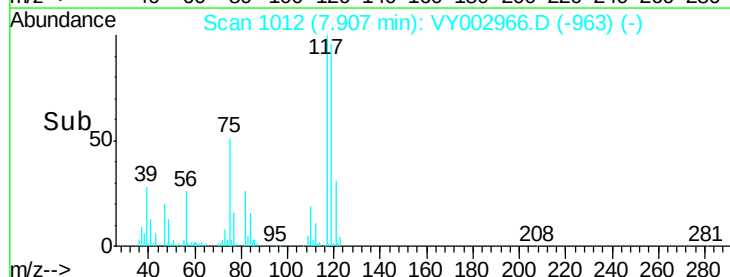
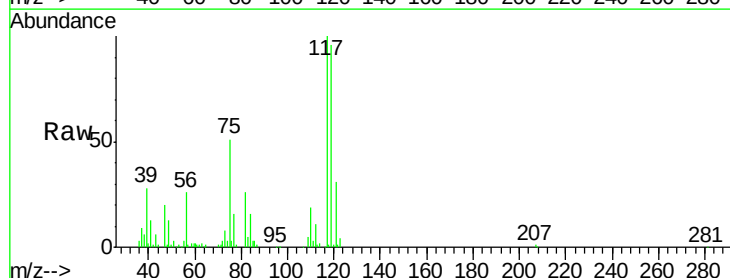
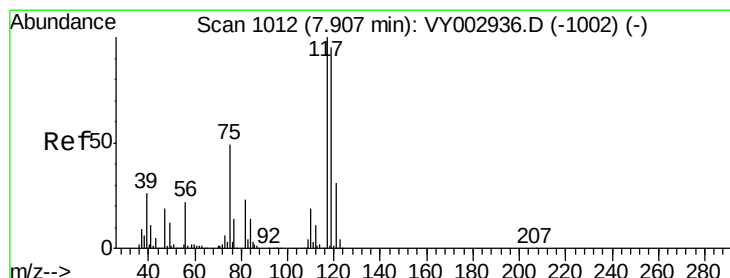
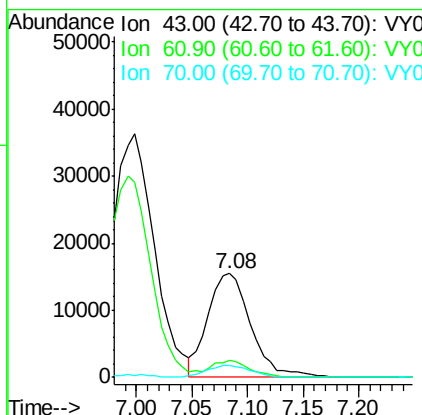
#37
Ethyl Acetate
Concen: 19.270 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	12.3	18.5
70	11.9	9.7	14.5

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

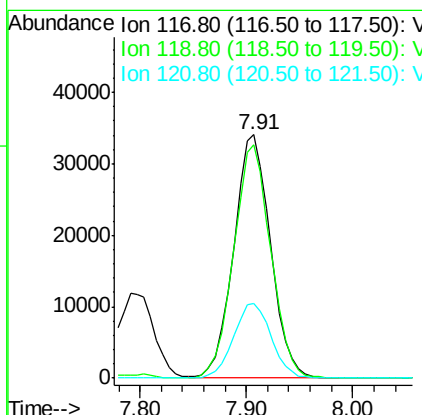
Manual Integrations
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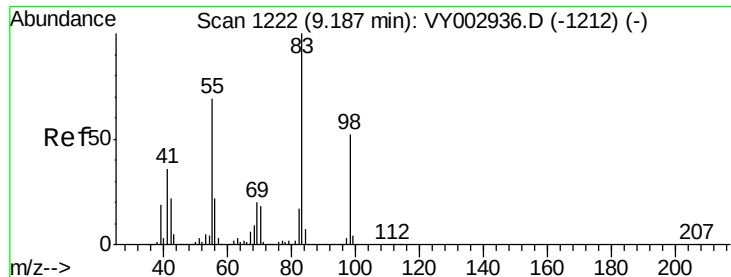
MMDadoda
6/23/2020 8:13:15 PM



#38
Carbon Tetrachloride
Concen: 19.618 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.1	114.1
121	30.7	24.8	37.2





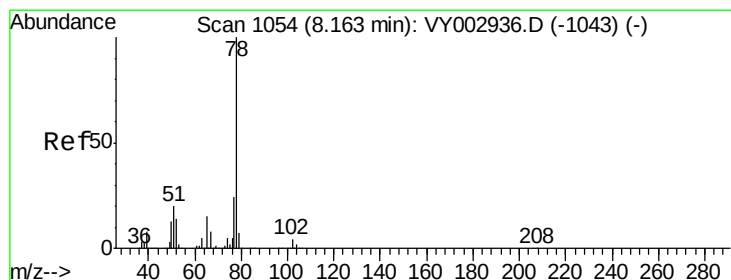
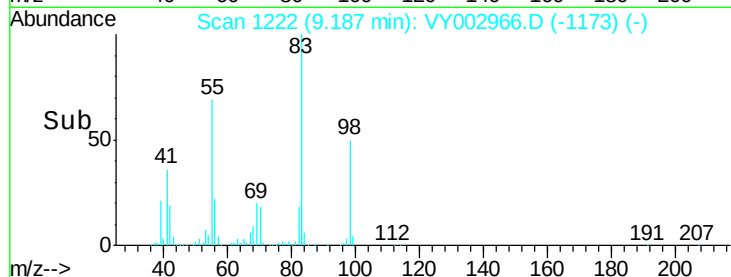
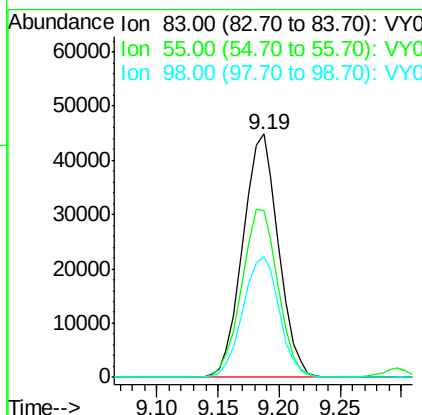
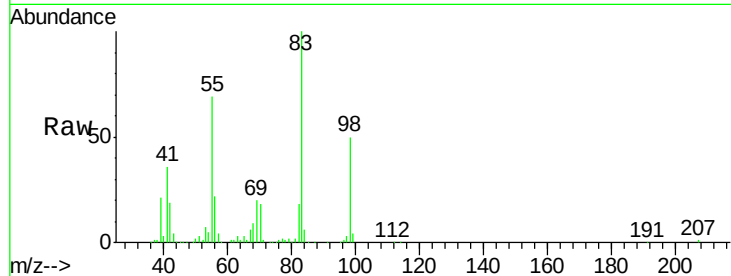
#39
Methylvlcyclohexane
Concen: 18.032 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.8	55.0	82.4
98	49.8	41.4	62.2

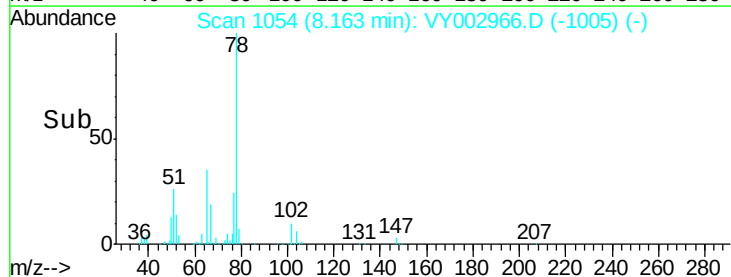
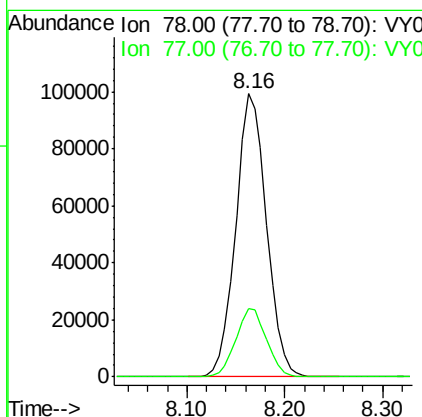
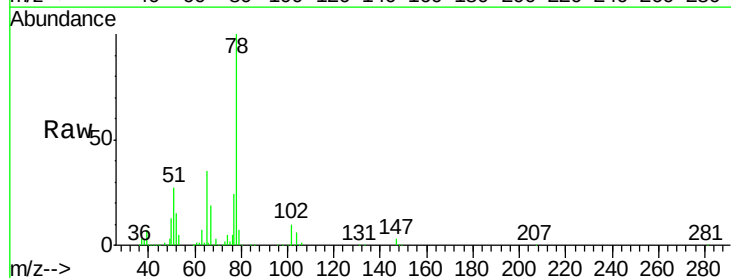
Manual Integrations
APPROVED

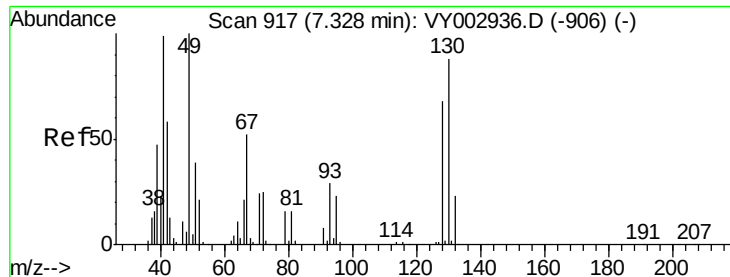
MMDadoda
6/23/2020 8:13:15 PM



#40
Benzene
Concen: 18.945 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





#41

Methacrylonitrile

Concen: 19.619 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 41 Resp: 20850

Ion Ratio Lower Upper

41 100

39 0.0 96.6 144.8#

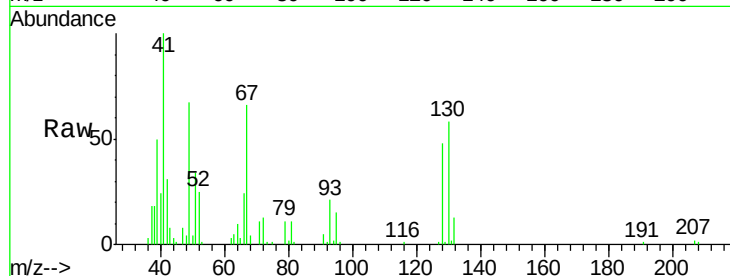
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda

6/23/2020 8:13:15 PM

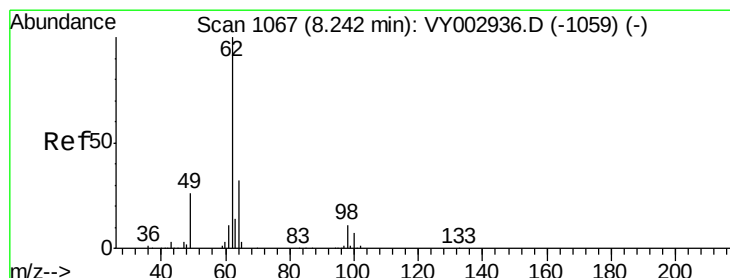
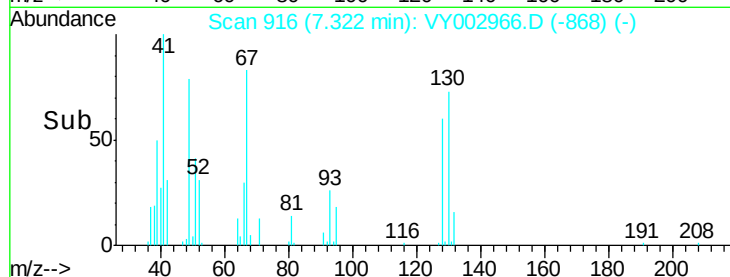
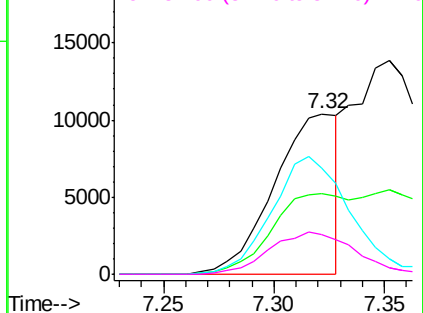


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.830 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VY002966.D

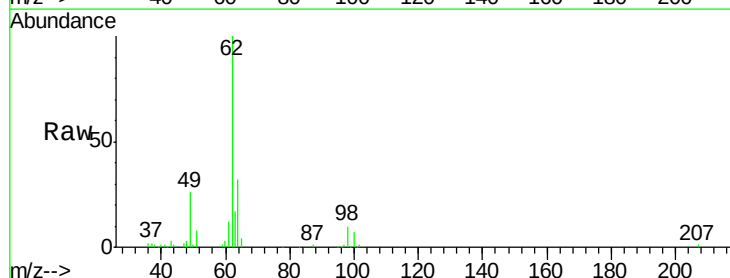
Acq: 22 Jun 2020 12:11

Tgt Ion: 62 Resp: 62641

Ion Ratio Lower Upper

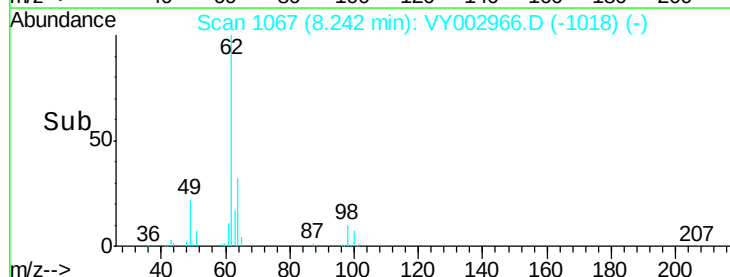
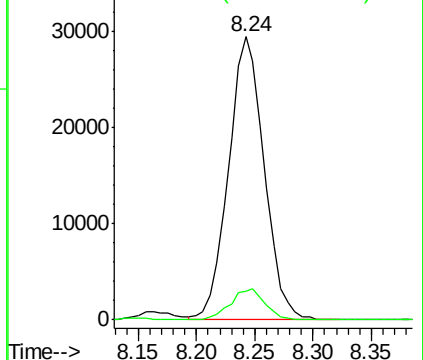
62 100

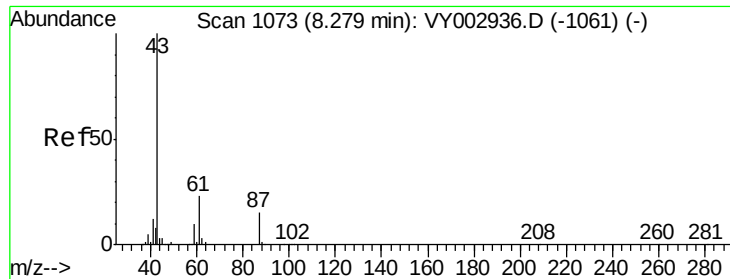
98 10.5 0.0 22.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 19.383 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

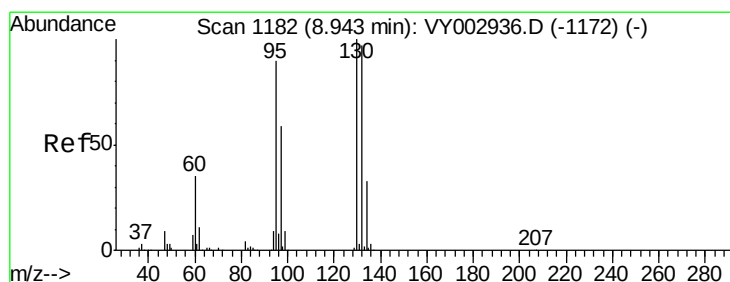
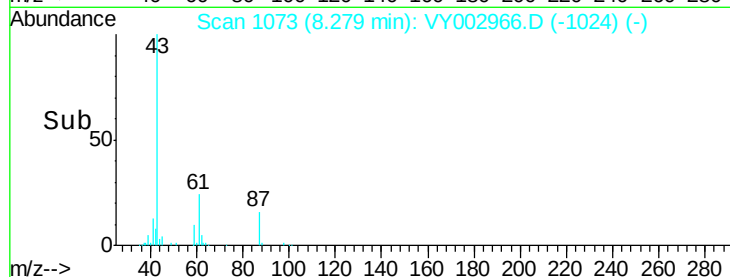
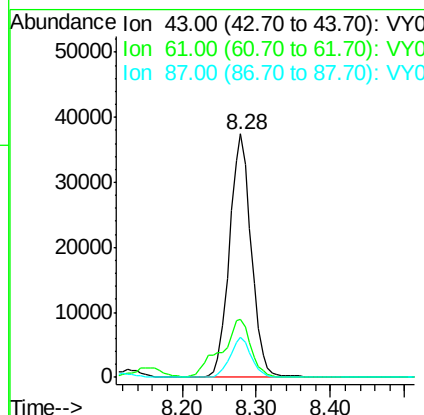
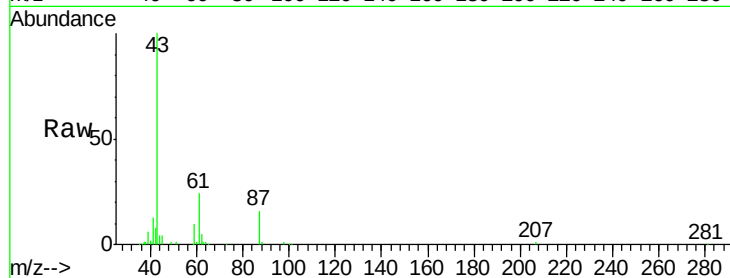
ClientSampleId :

VY0622SBS01

Tot Ion:	43	Resp:	76619
Ion	Ratio	Lower	Upper
43	100		
61	32.2	25.0	37.4
87	16.0	12.6	18.8

Manual Integrations
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#44

Trichloroethene

Concen: 19.190 ug/l

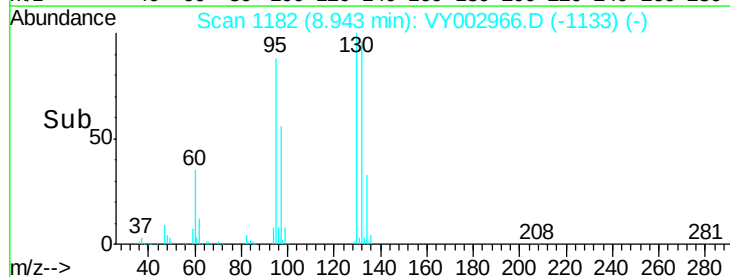
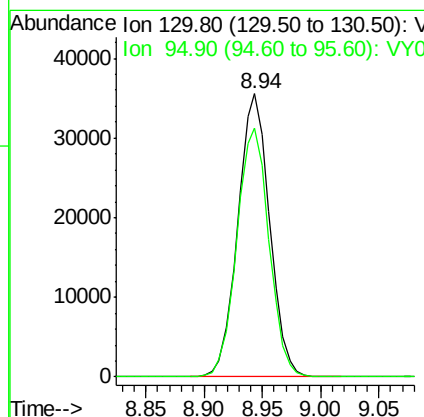
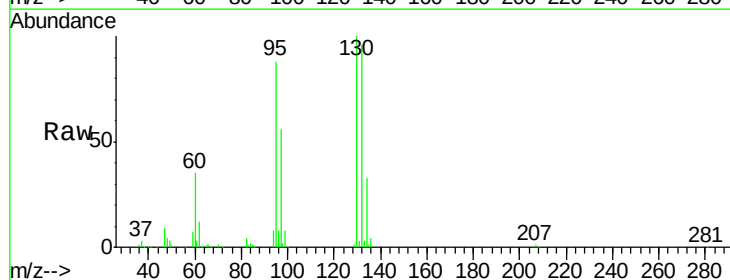
RT: 8.94 min Scan# 1182

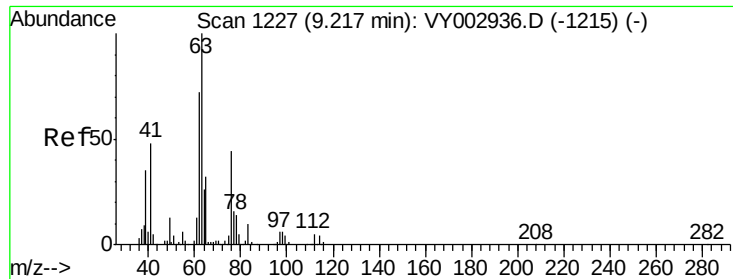
Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	130	Resp:	67654
Ion	Ratio	Lower	Upper
130	100		
95	87.8	0.0	179.6





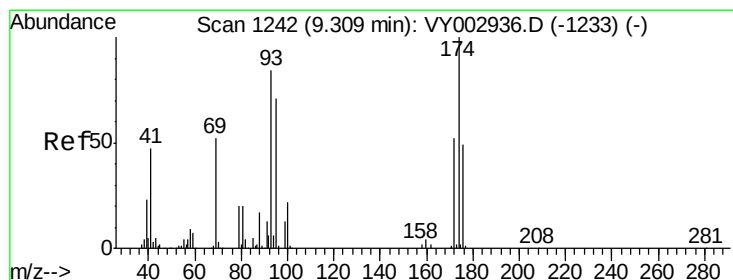
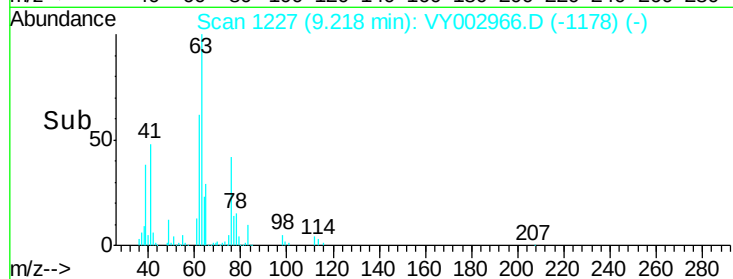
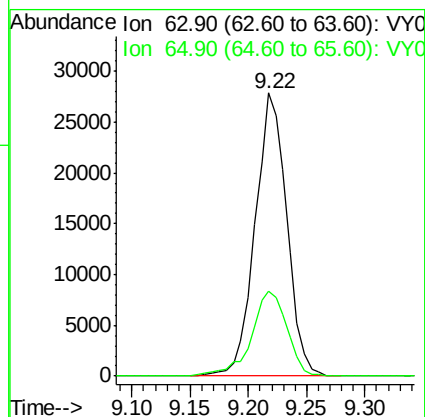
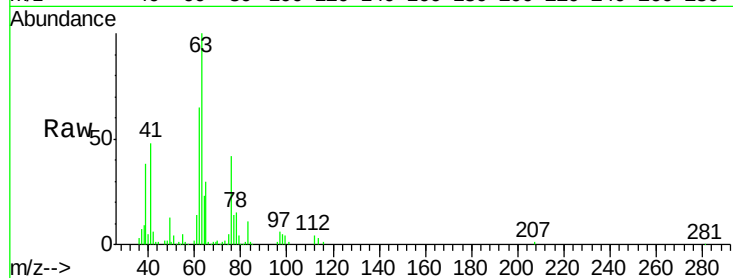
#45
 1,2-Dichloropropane
 Concen: 19.320 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.0	25.5	38.3

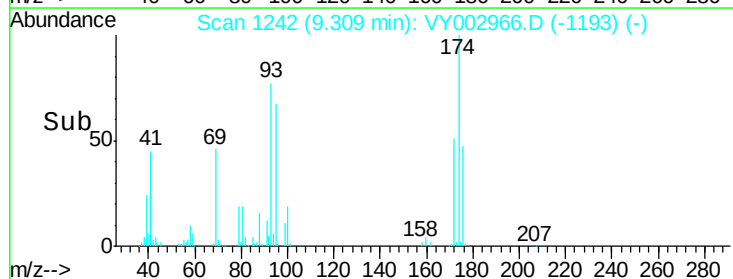
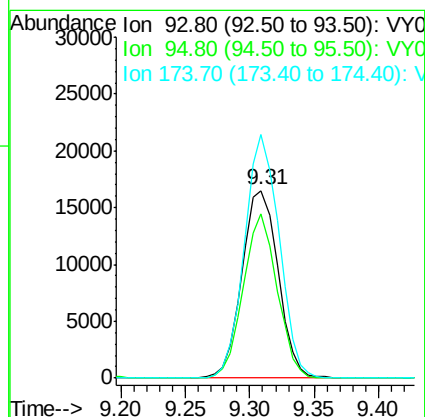
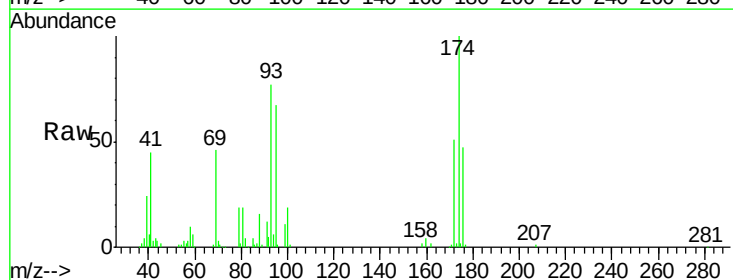
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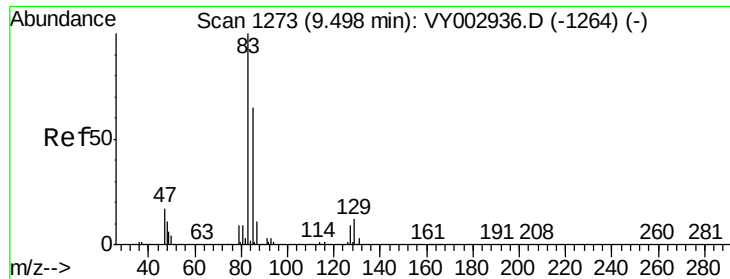
MMDadoda
 6/23/2020 8:13:15 PM



#46
 Dibromomethane
 Concen: 19.638 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.6	66.4	99.6
174	124.0	95.1	142.7





#47

Bromodichloromethane

Concen: 19.905 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

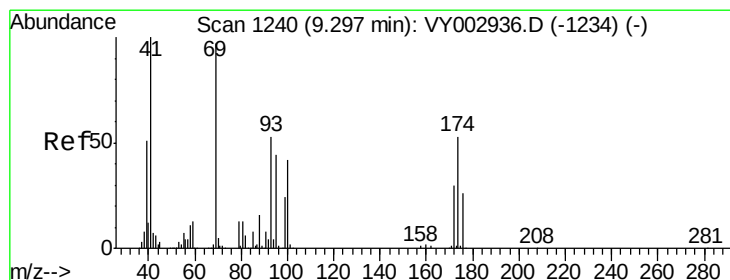
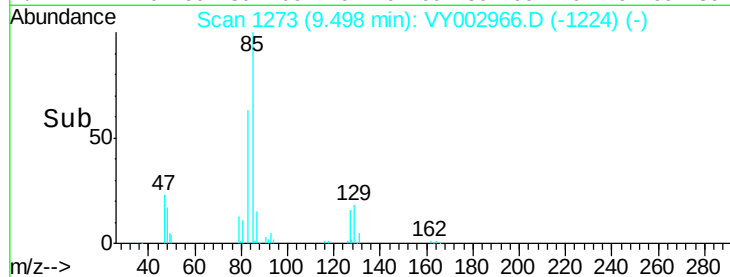
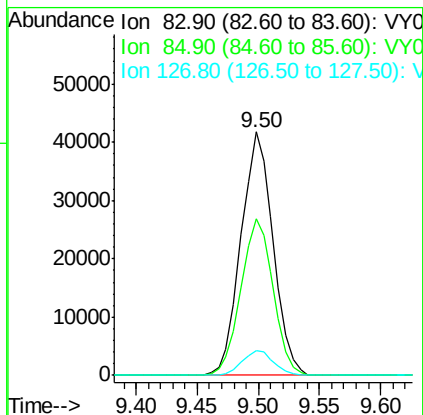
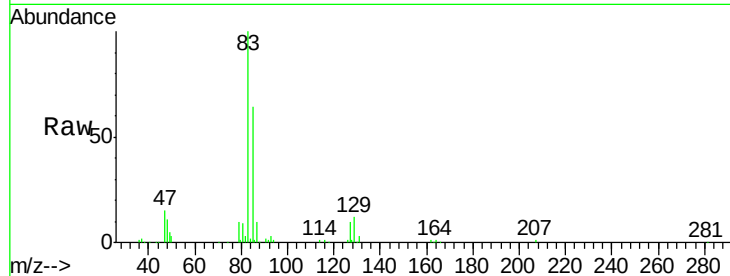
ClientSampleId :

VY0622SBS01

Tot Ion:	83	Resp:	75948
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.9	77.9
127	10.3	7.4	11.0

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 19.111 ug/l

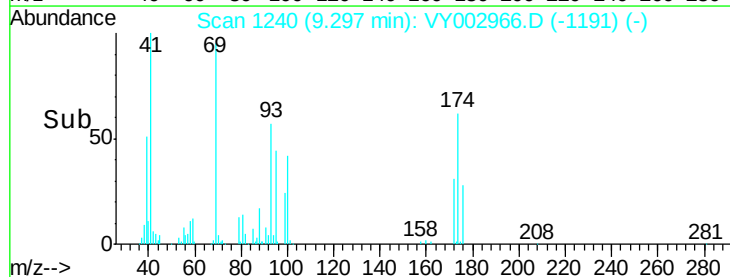
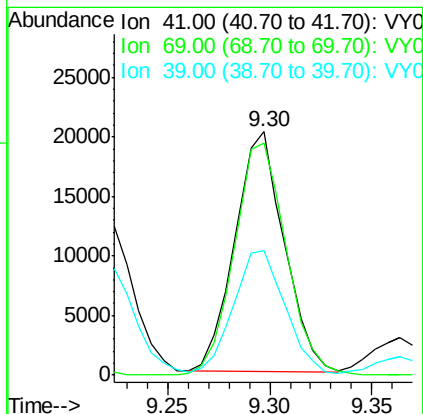
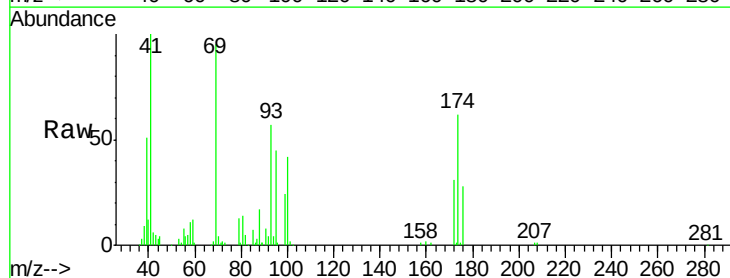
RT: 9.30 min Scan# 1240

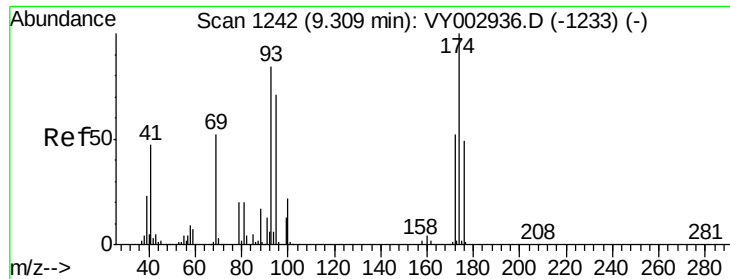
Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	41	Resp:	33897
Ion	Ratio	Lower	Upper
41	100		
69	102.0	79.4	119.0
39	55.0	41.1	61.7





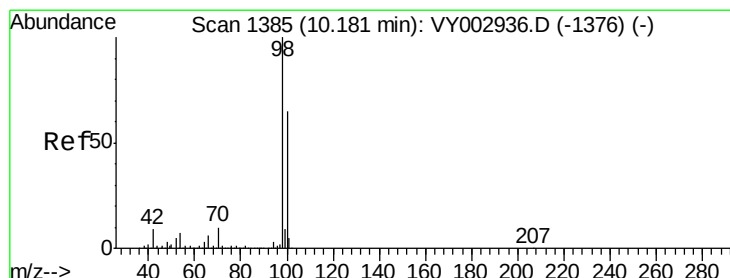
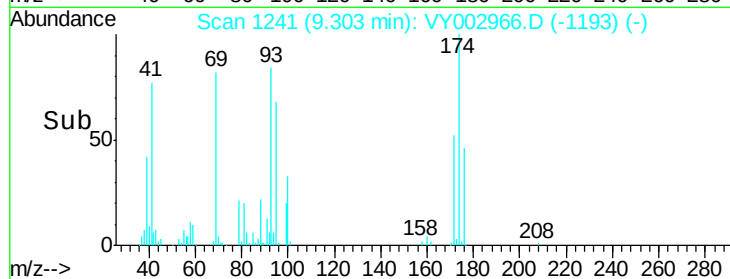
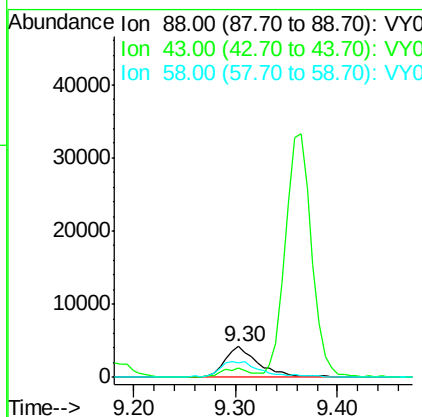
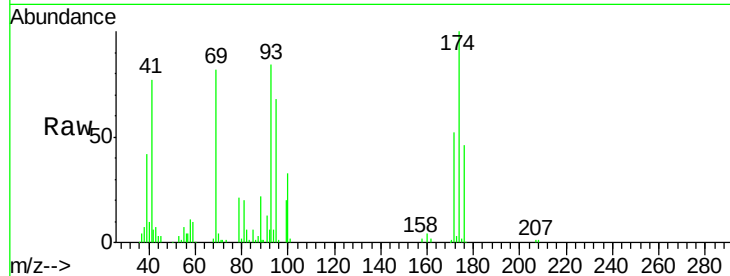
#49
1,4-Dioxane
Concen: 405.594 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.7	21.0	31.6
58	65.3	51.5	77.3

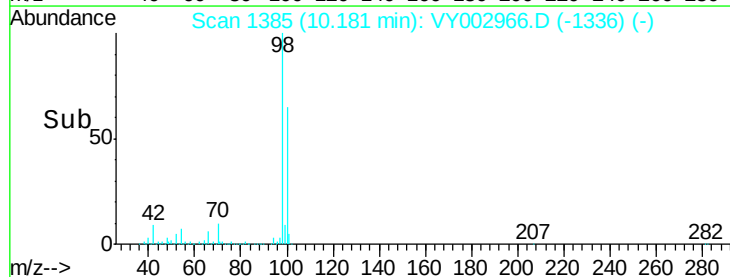
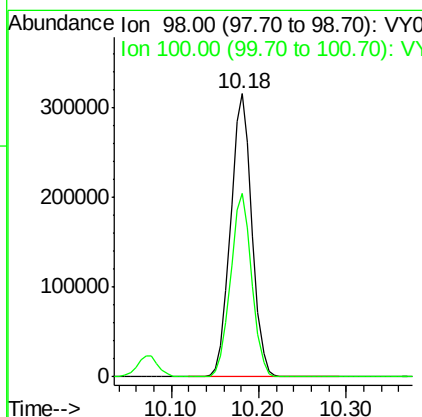
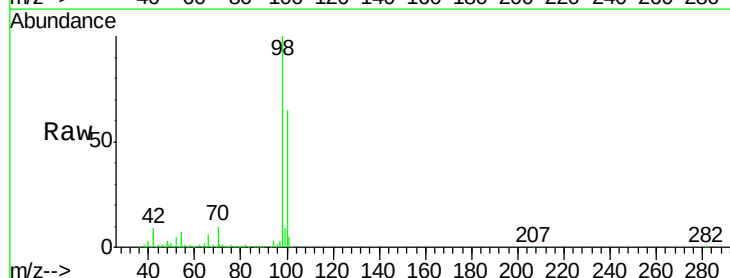
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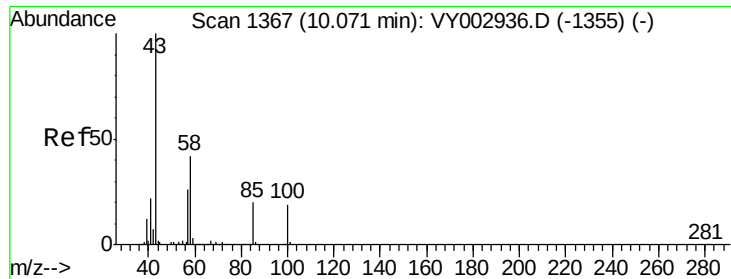
MMDadoda
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#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9





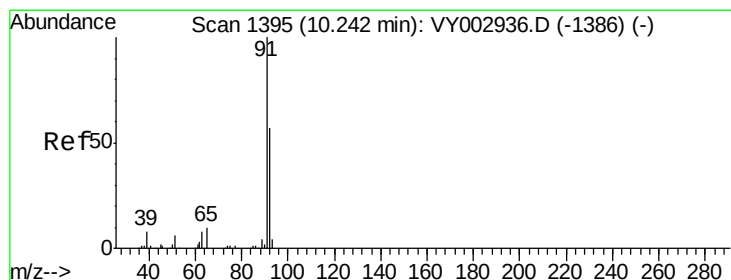
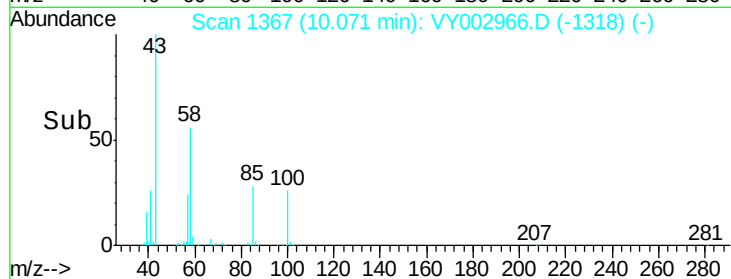
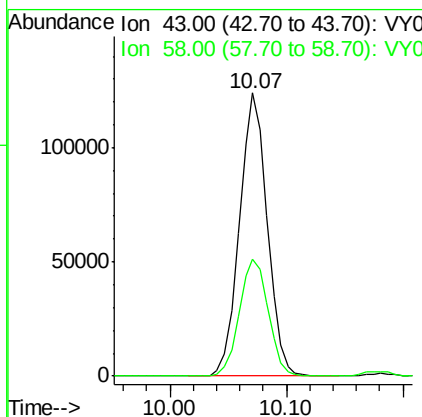
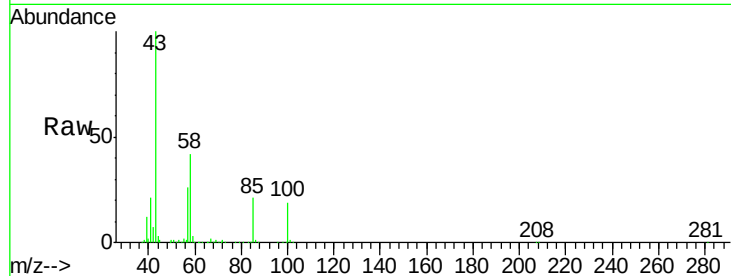
#51
4-Methyl-2-Pentanone
Concen: 98.507 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	43	Resp	206349
Ion Ratio	43	100	
Lower	58	42.9	33.9
Upper			50.9

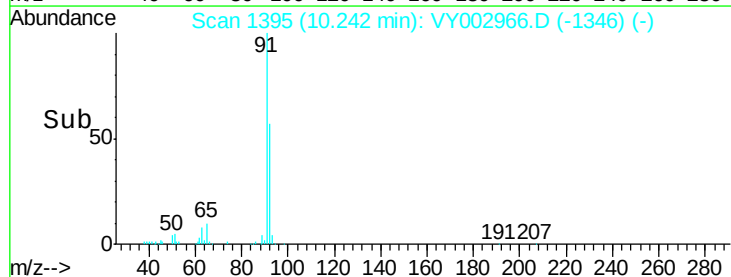
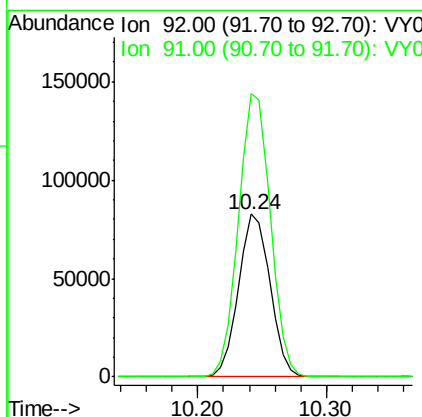
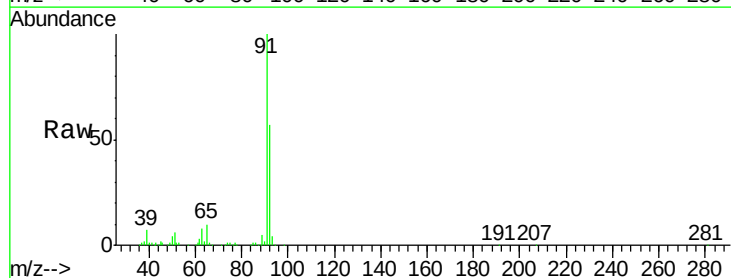
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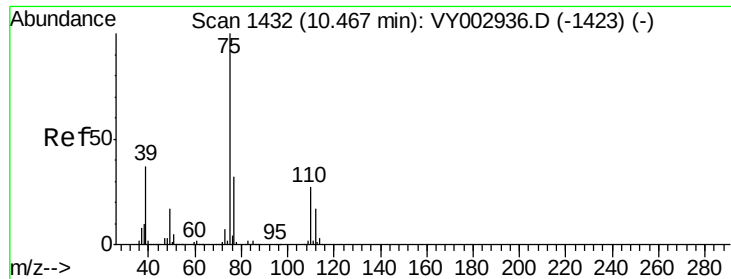
MMDadoda
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#52
Toluene
Concen: 19.013 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	92	Resp	140056
Ion Ratio	92	100	
Lower	91	176.1	139.3
Upper			208.9





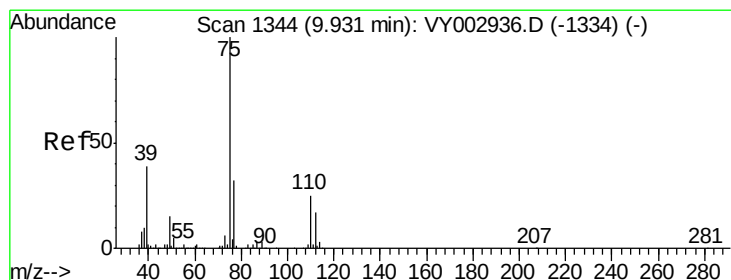
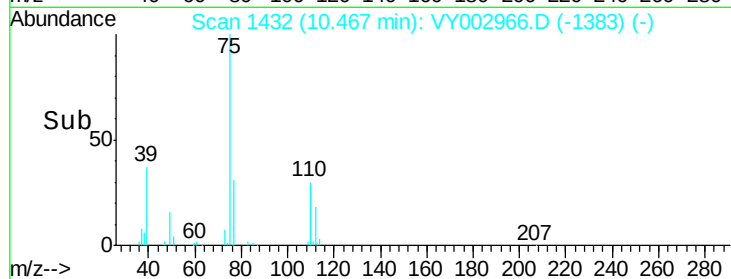
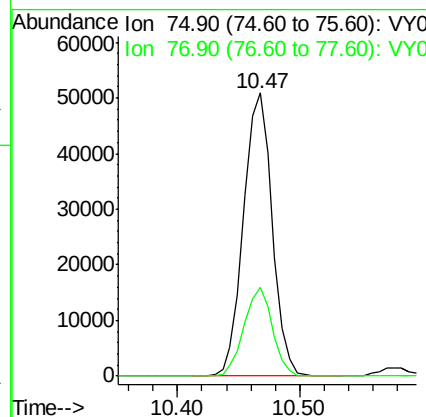
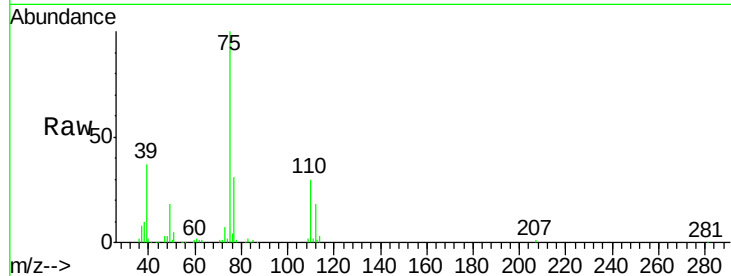
#53
t-1,3-Dichloropropene
Concen: 19.935 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.3	37.9

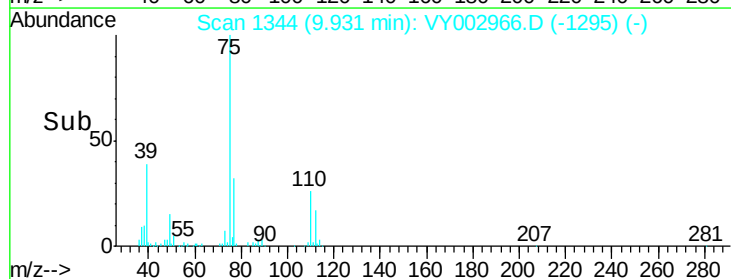
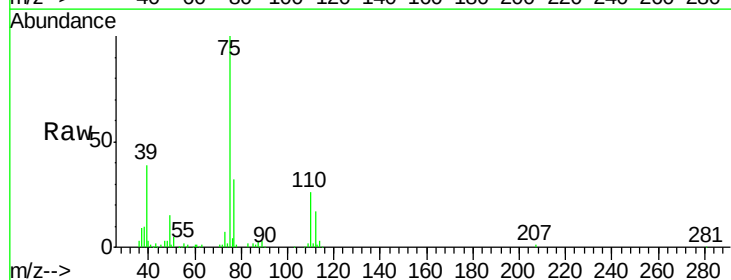
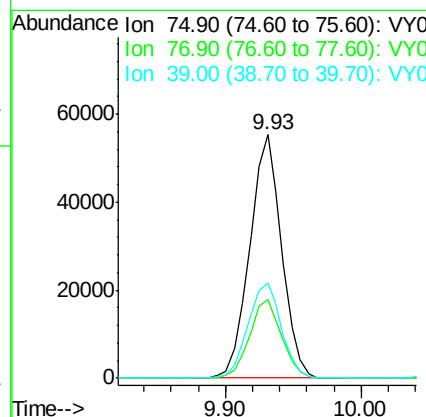
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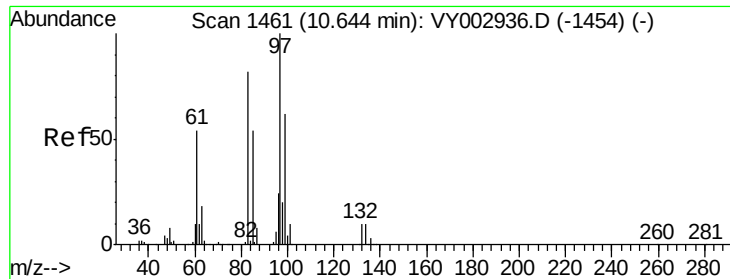
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.270 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2
39	38.9	31.4	47.0





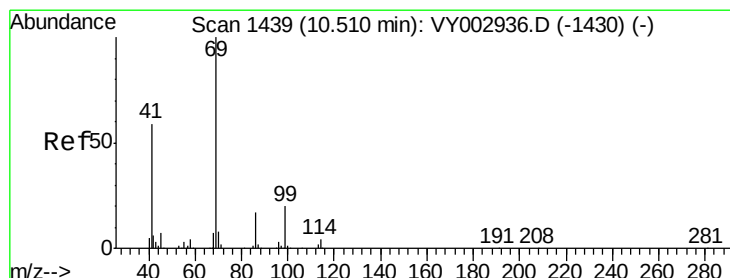
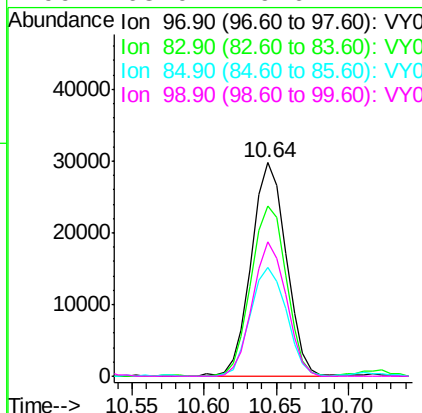
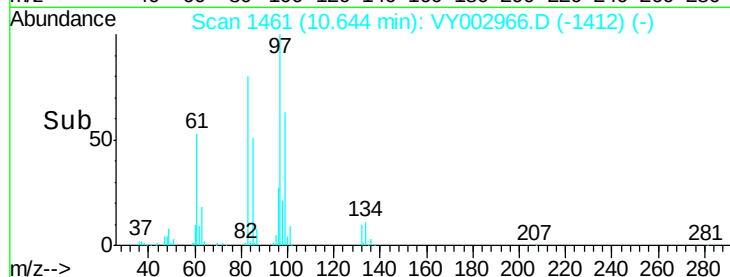
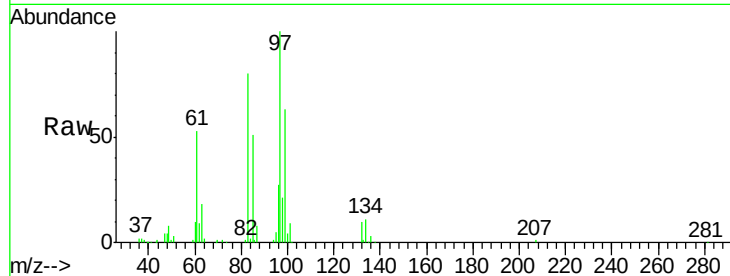
#55
 1,1,2-Trichloroethane
 Concen: 20.540 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion:	97	Resp:	50060
Ion	Ratio	Lower	Upper
97	100		
83	79.2	65.9	98.9
85	51.1	43.1	64.7
99	63.0	49.6	74.4

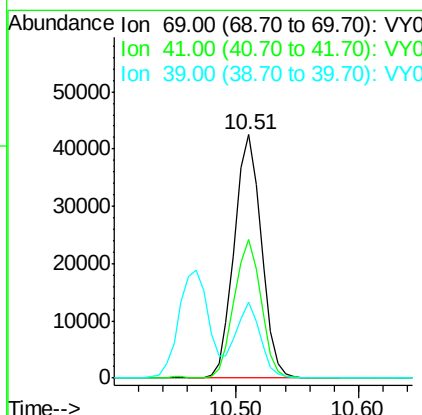
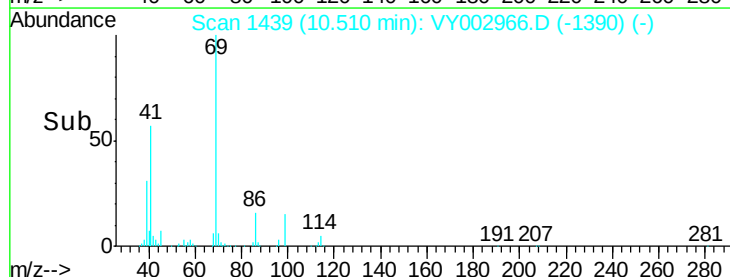
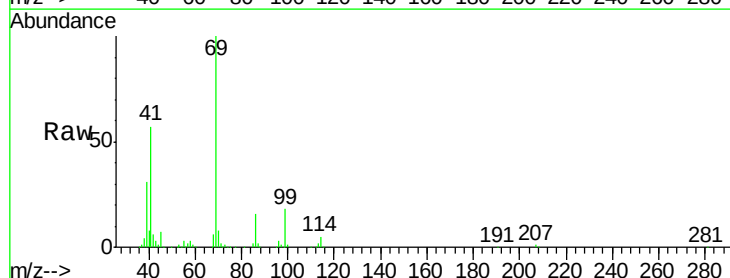
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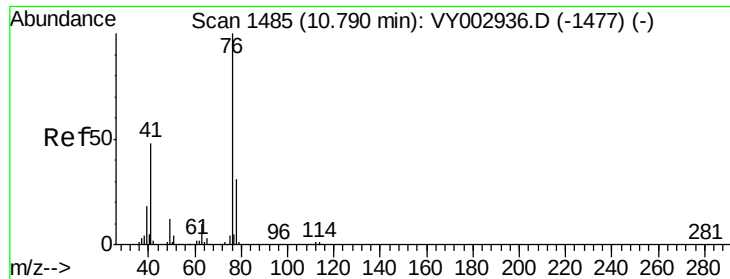
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#56
 Ethyl methacrylate
 Concen: 19.848 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion:	69	Resp:	65206
Ion	Ratio	Lower	Upper
69	100		
41	56.9	46.4	69.6
39	26.9	21.4	32.0





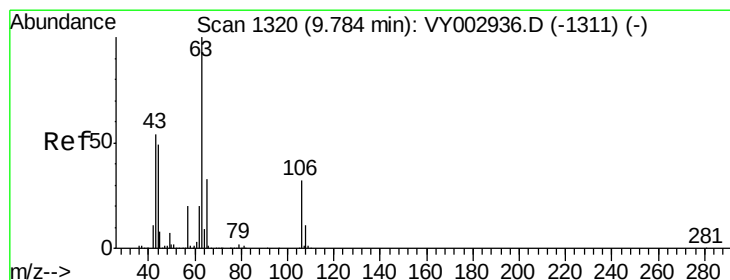
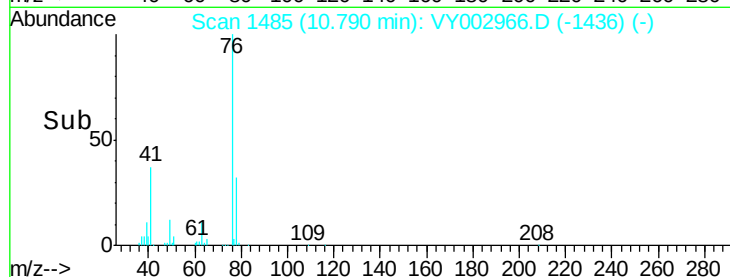
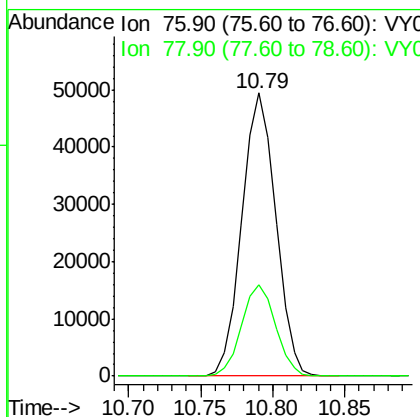
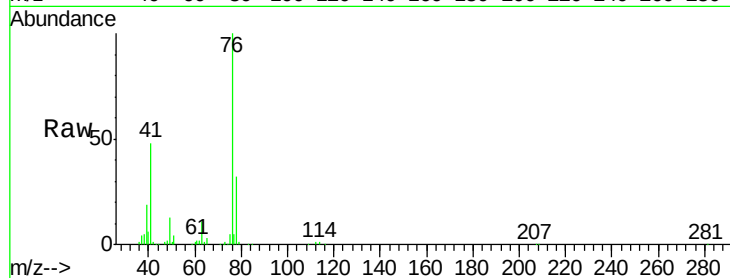
#57
 1,3-Dichloropropane
 Concen: 19.852 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.4	38.2

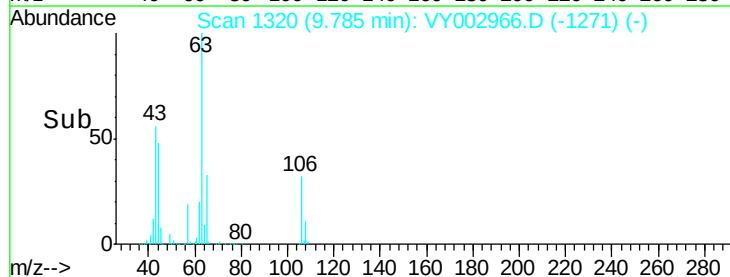
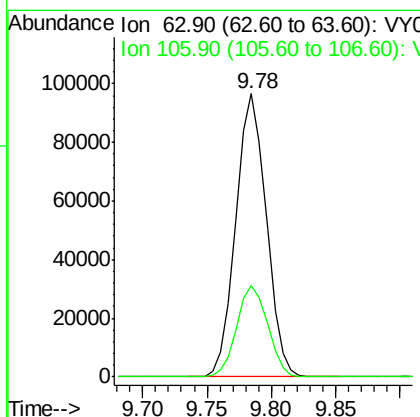
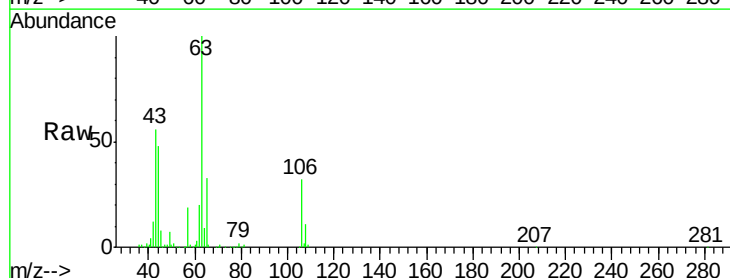
Manual Integrations
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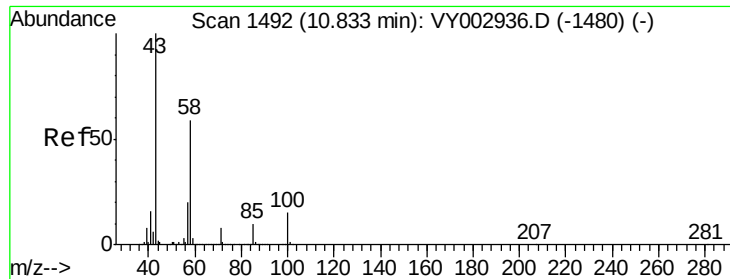
MMDadoda
 6/23/2020 8:13:15 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.082 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.6	25.6	38.4





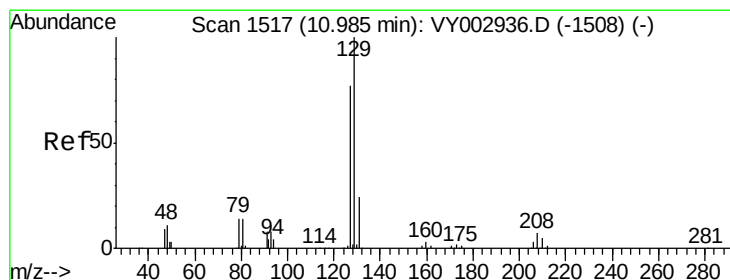
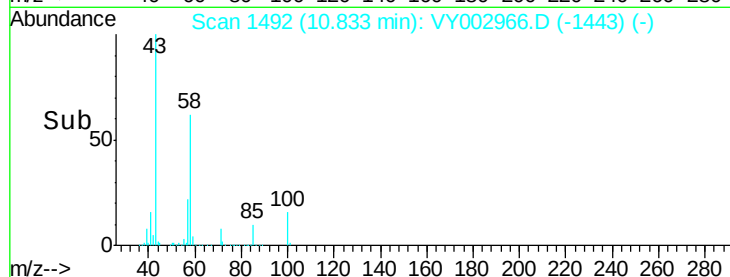
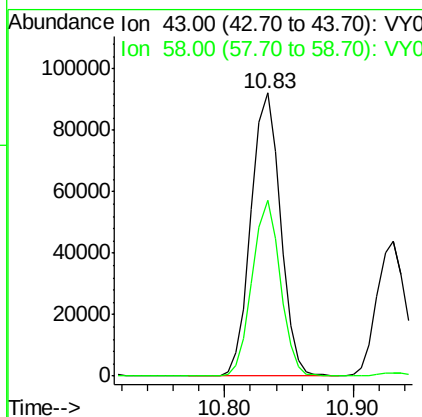
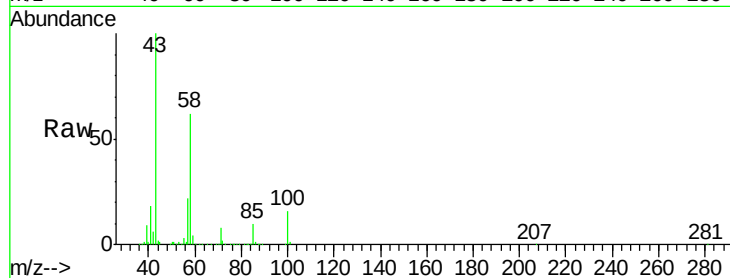
#59
2-Hexanone
Concen: 98.928 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion: 43 Resp: 145695
Ion Ratio Lower Upper
43 100
58 59.1 29.7 89.1

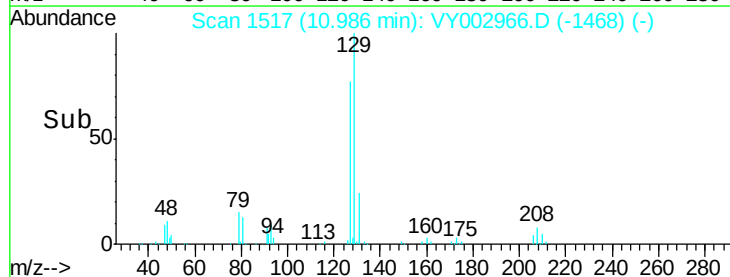
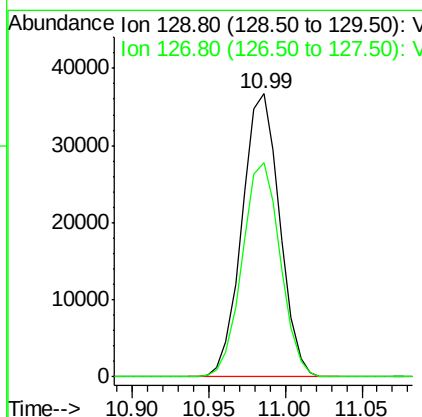
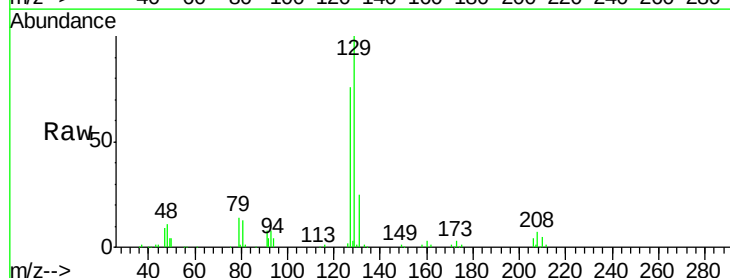
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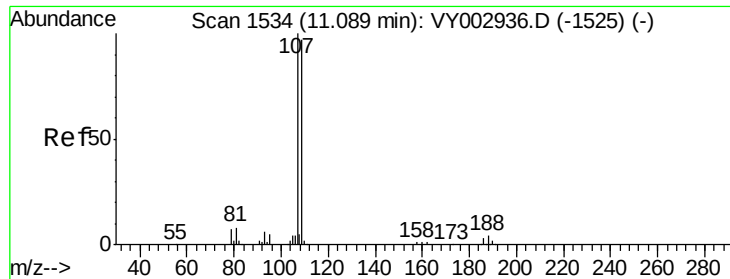
MMDadoda
6/23/2020 8:13:15 PM



#60
Dibromochloromethane
Concen: 20.198 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion: 129 Resp: 62779
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





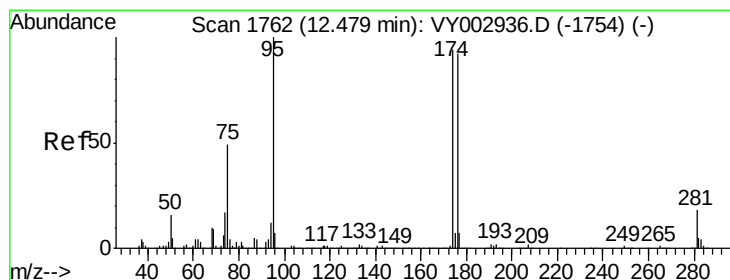
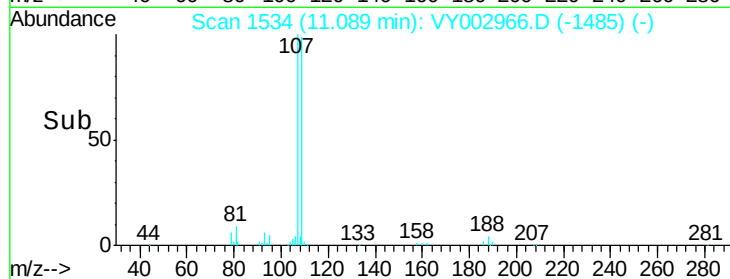
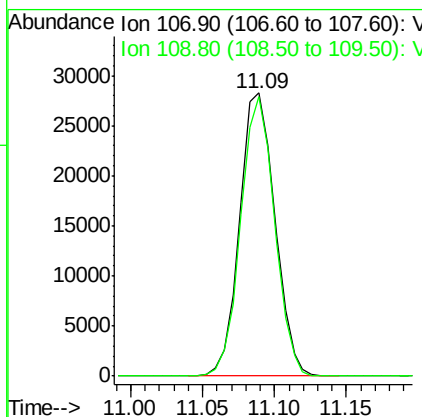
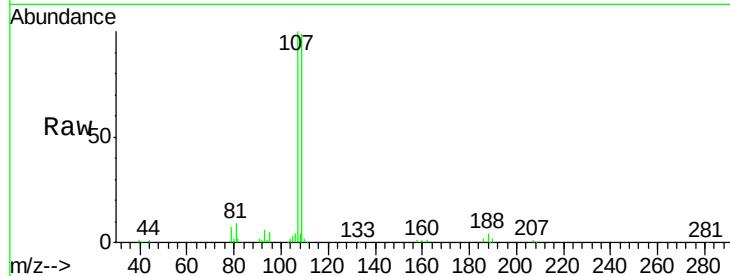
#61
 1,2-Dibromoethane
 Concen: 19.868 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion: 107 Resp: 48039
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.6 114.8

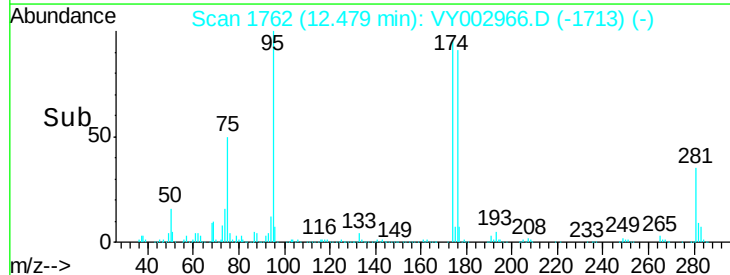
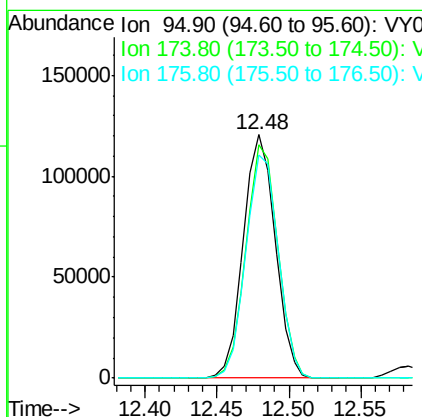
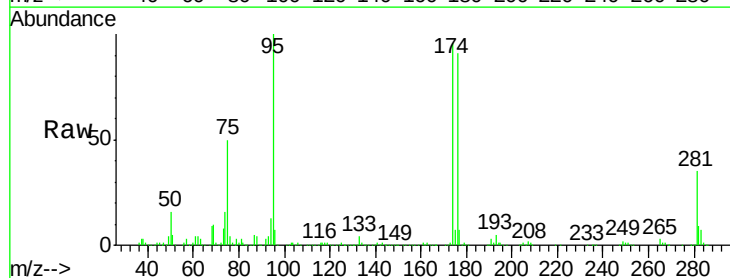
Manual Integrations
 APPROVED

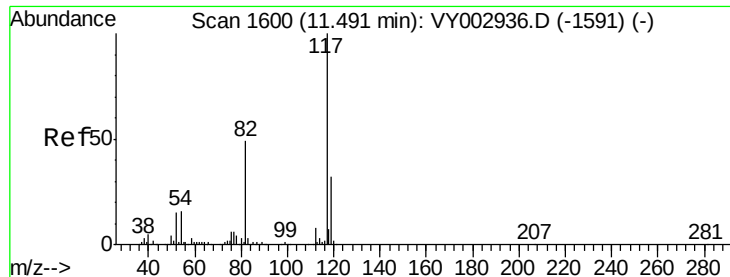
MMDadoda
 6/23/2020 8:13:15 PM



#62
 4-Bromofluorobenzene
 Concen: 50.797 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion: 95 Resp: 185051
 Ion Ratio Lower Upper
 95 100
 174 95.8 0.0 191.2
 176 93.1 0.0 186.0





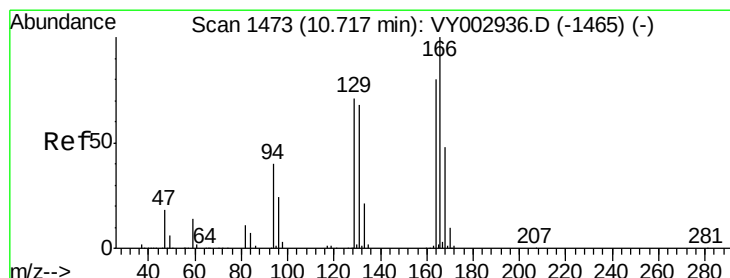
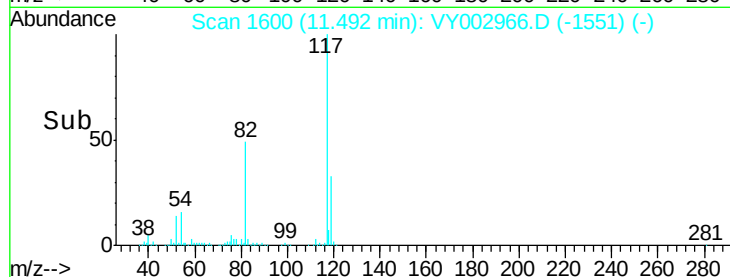
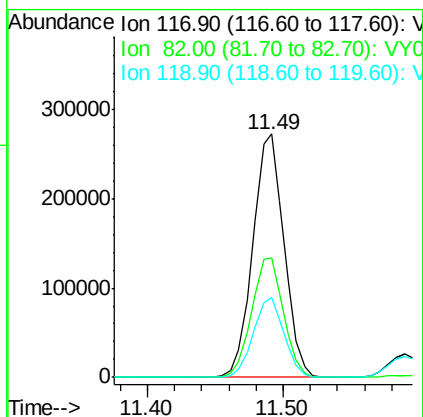
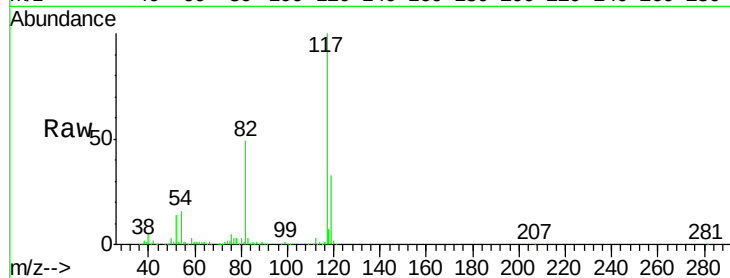
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	439219		
82	48.9		39.4	59.0
119	32.9		25.4	38.0

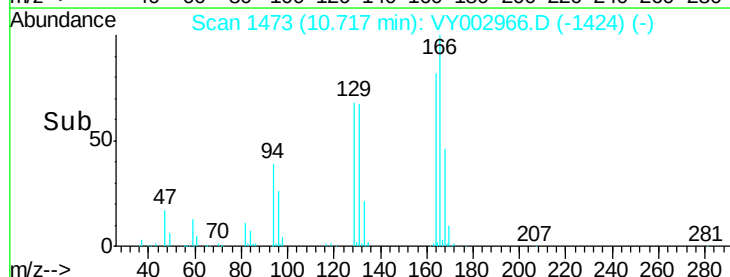
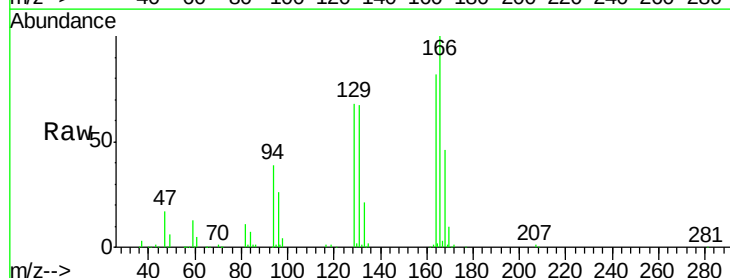
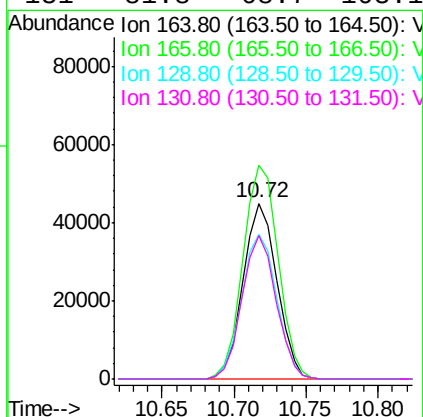
Manual Integrations
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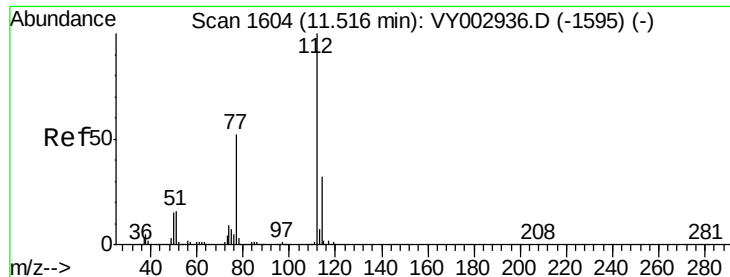
MMDadoda
6/23/2020 8:13:15 PM



#64
Tetrachloroethene
Concen: 19.955 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	73036		
166	121.8		100.5	150.7
129	82.5		71.1	106.7
131	81.8		68.7	103.1





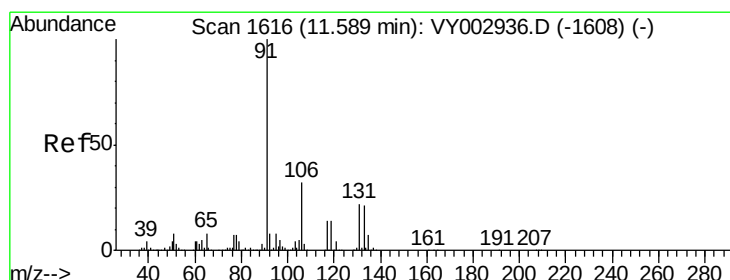
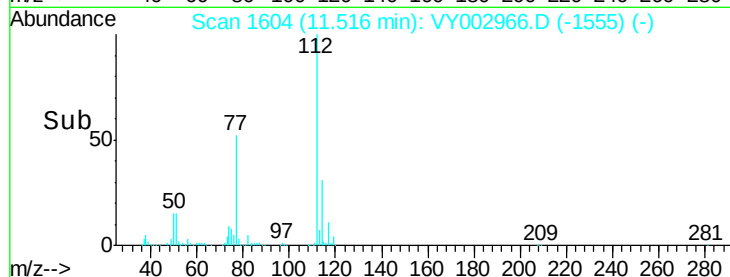
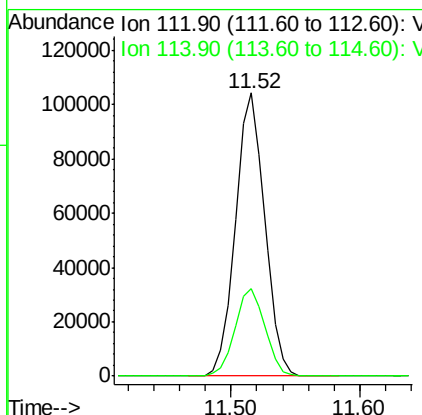
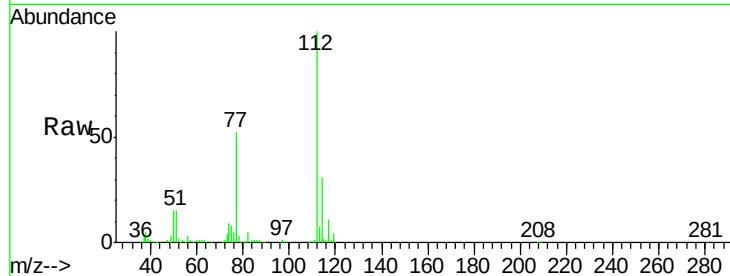
#65
Chlorobenzene
Concen: 19.717 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion:112 Resp: 163925
Ion Ratio Lower Upper
112 100
114 30.9 26.0 39.0

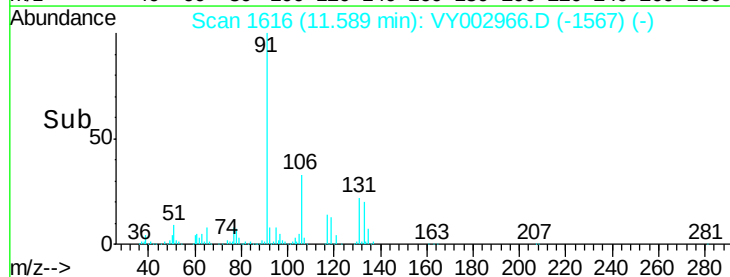
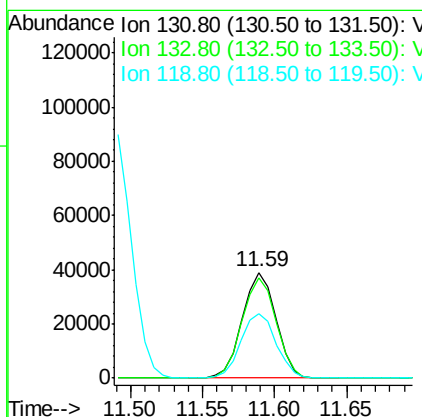
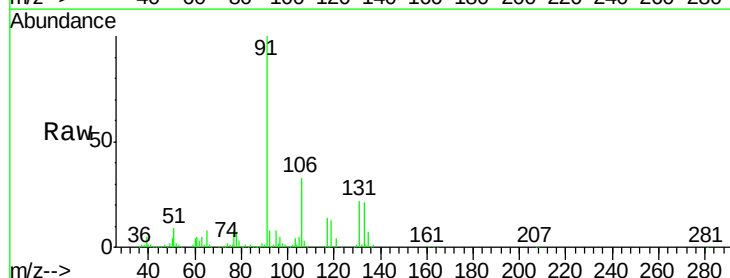
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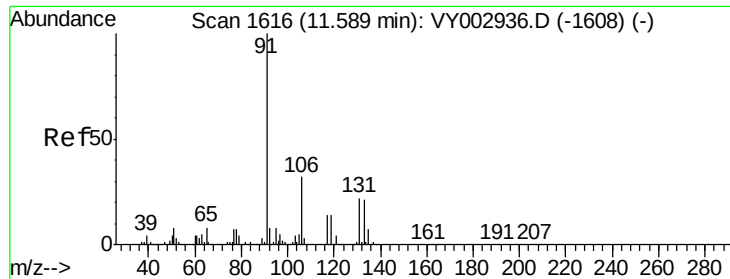
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.041 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion:131 Resp: 62982
Ion Ratio Lower Upper
131 100
133 97.0 47.7 143.1
119 63.9 31.5 94.5





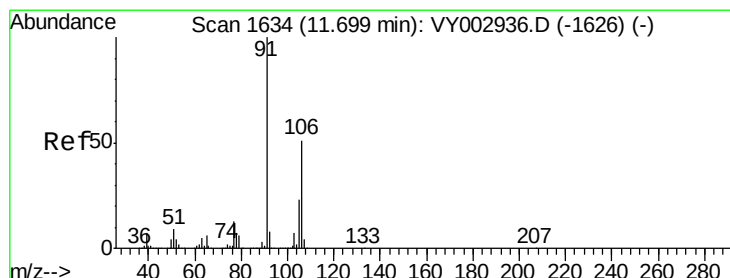
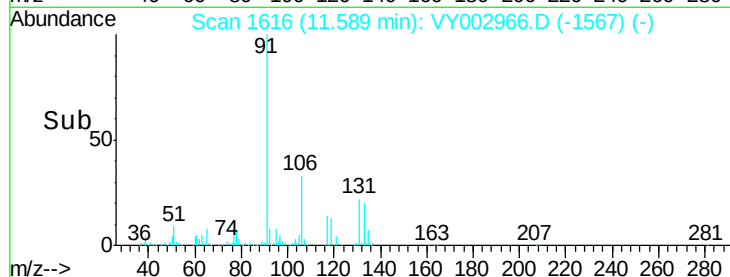
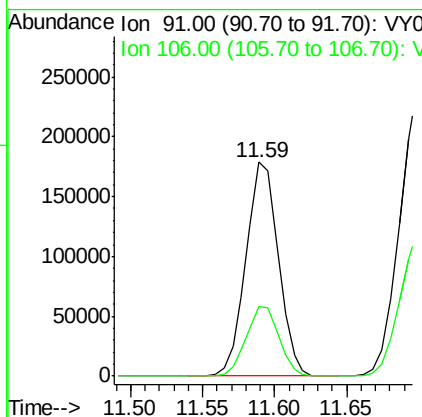
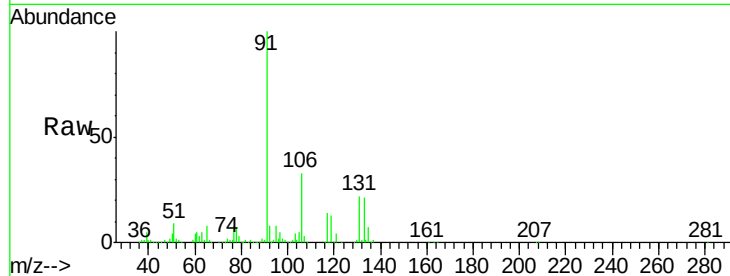
#67
Ethyl Benzene
Concen: 19.406 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.8	38.8

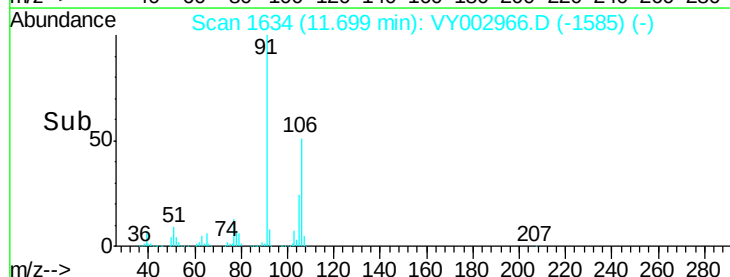
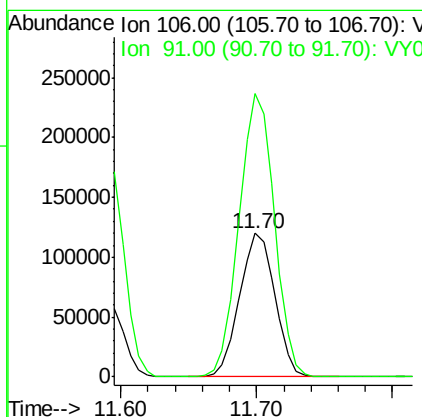
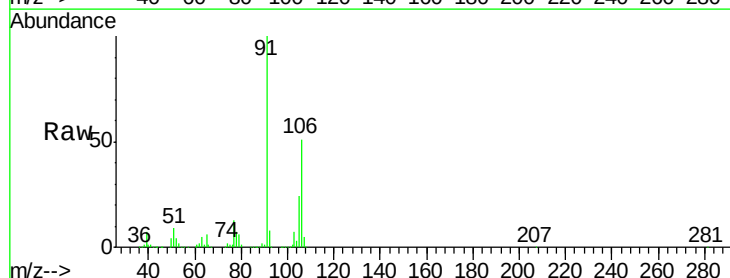
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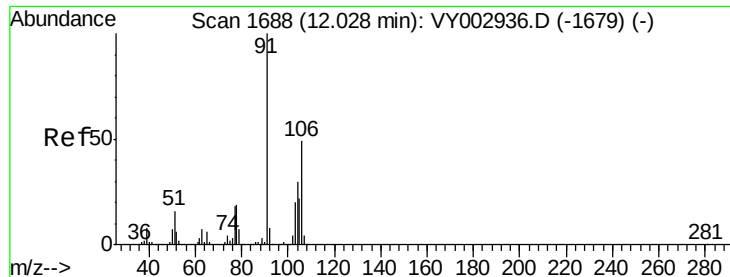
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6/23/2020 8:13:15 PM



#68
m/p-Xylenes
Concen: 39.054 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.6	155.9	233.9





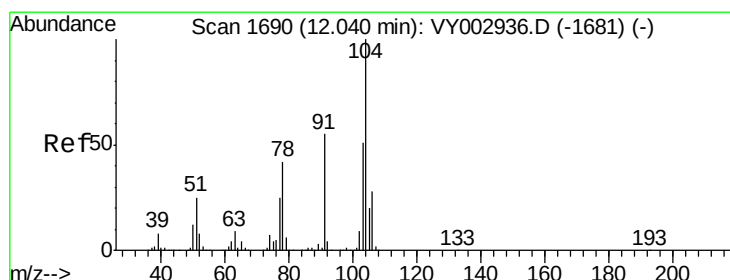
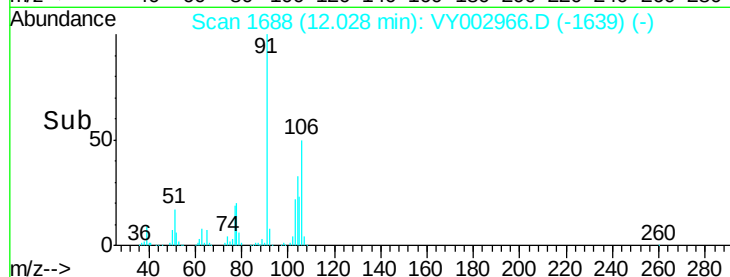
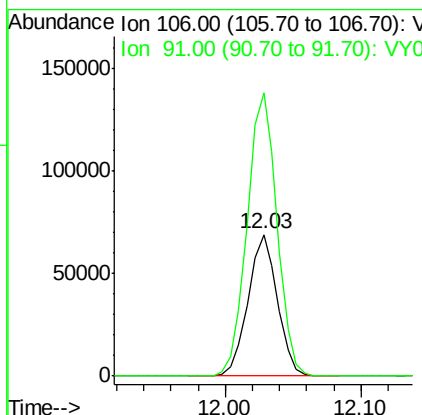
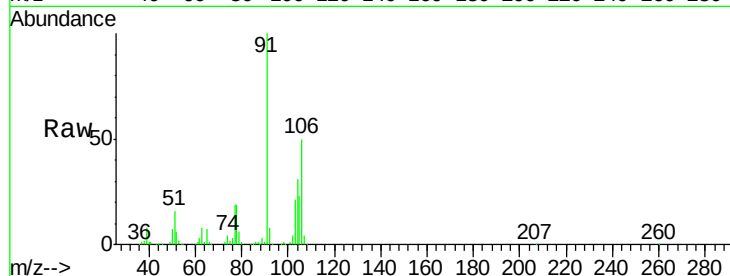
#69
o-Xylene
Concen: 19.857 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion:106 Resp: 104309
Ion Ratio Lower Upper
106 100
91 203.5 102.1 306.1

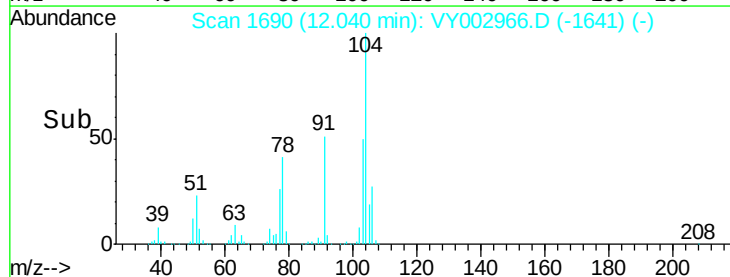
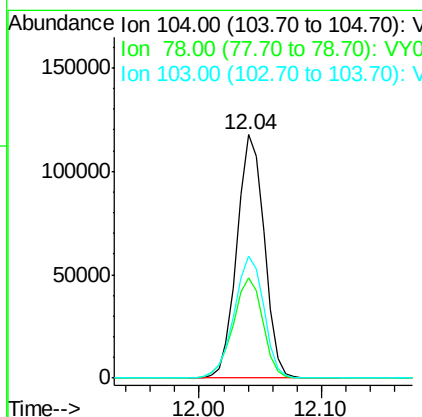
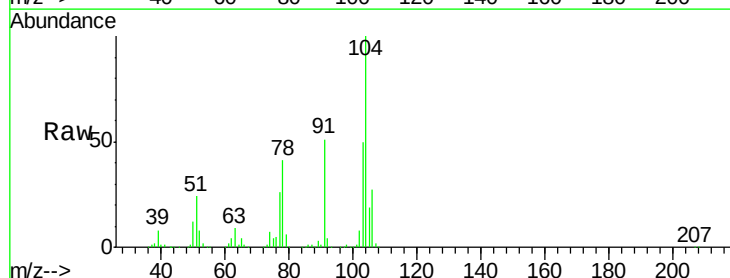
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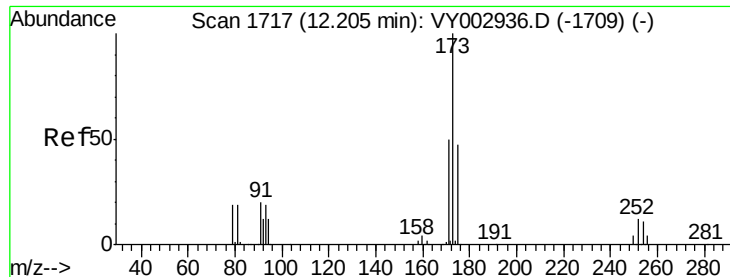
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#70
Styrene
Concen: 20.026 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion:104 Resp: 181757
Ion Ratio Lower Upper
104 100
78 44.8 36.9 55.3
103 54.3 43.7 65.5





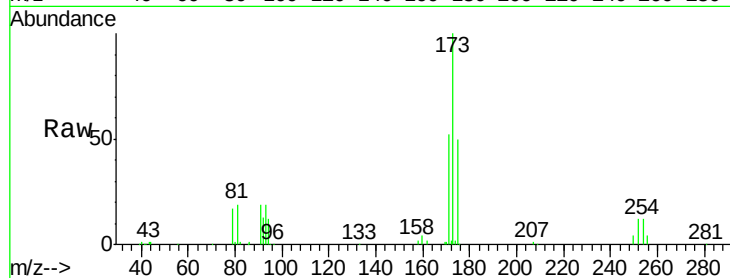
#71
Bromoform
Concen: 20.683 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

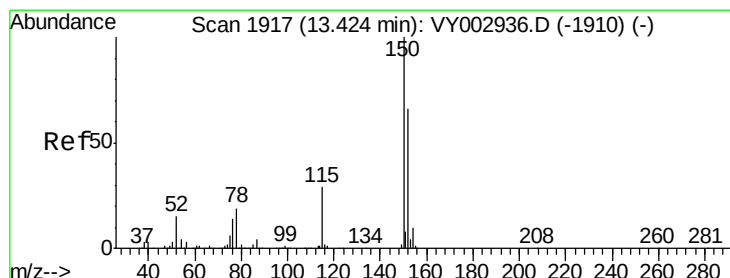
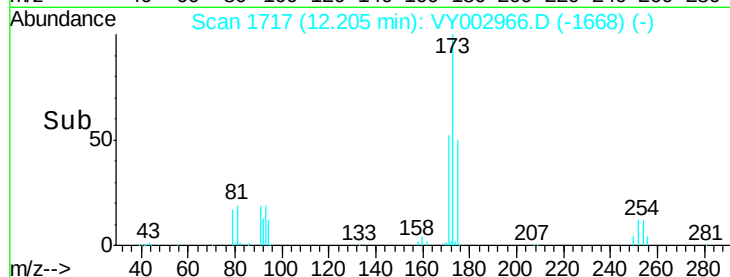
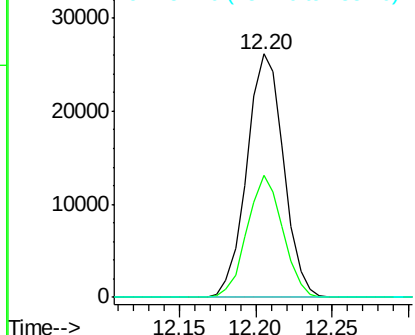
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.9	71.8
254	0.0	0.1	0.1#

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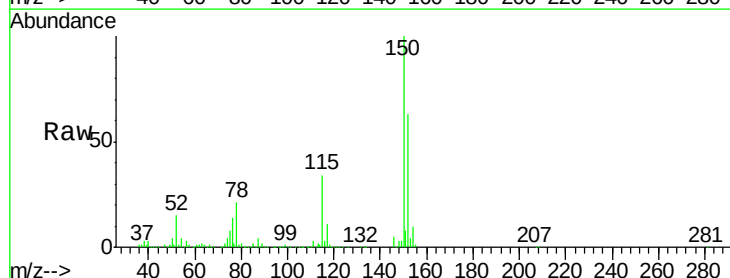


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

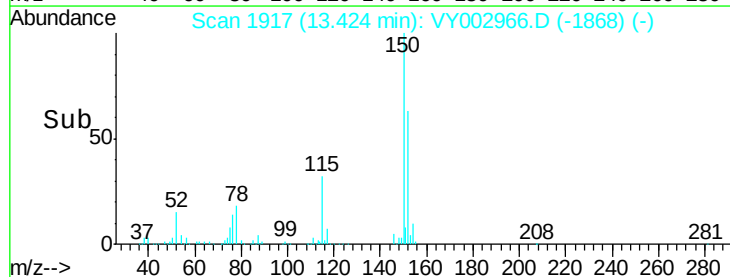
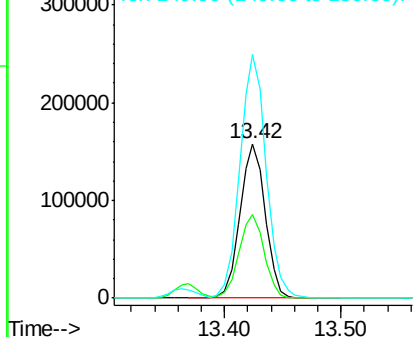


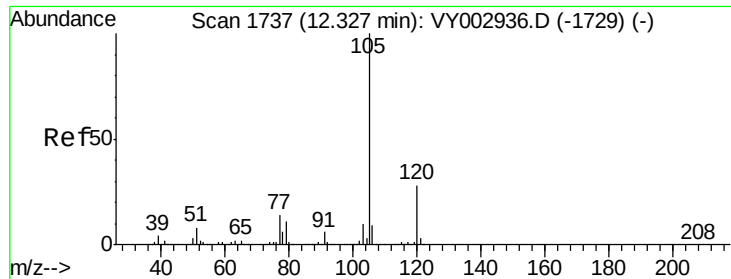
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	26.9	80.6
150	164.0	0.0	341.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.597 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:105 Resp: 285646

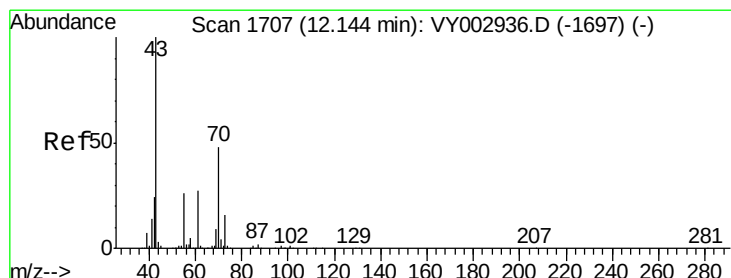
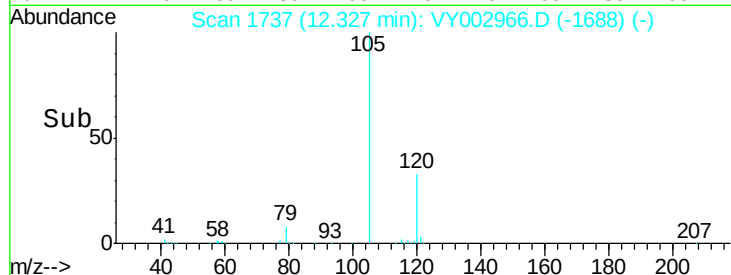
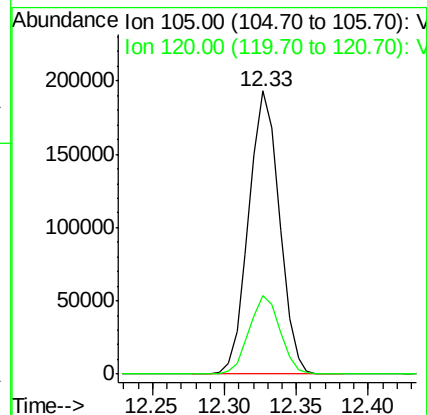
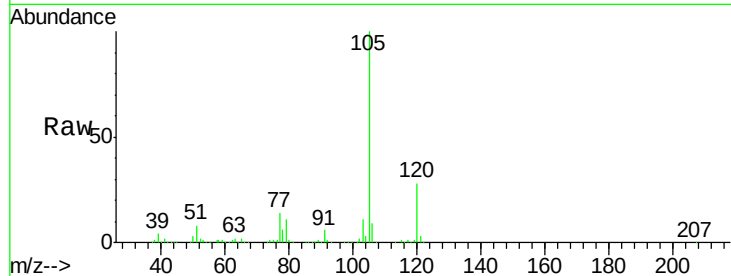
Ion Ratio Lower Upper

105 100

120 27.6 14.0 41.9

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#74

N-ethyl acetate

Concen: 19.254 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion: 43 Resp: 72274

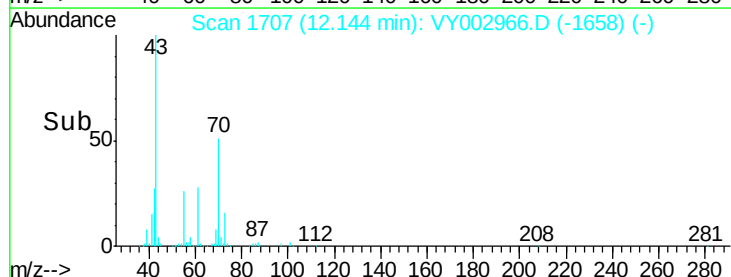
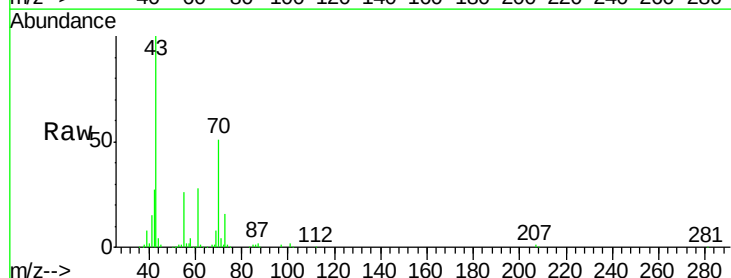
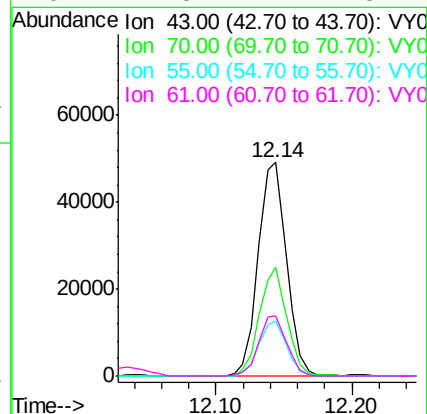
Ion Ratio Lower Upper

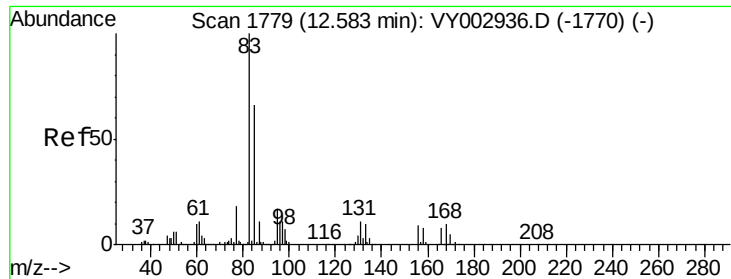
43 100

70 49.2 38.0 57.0

55 25.4 20.3 30.5

61 27.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.350 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

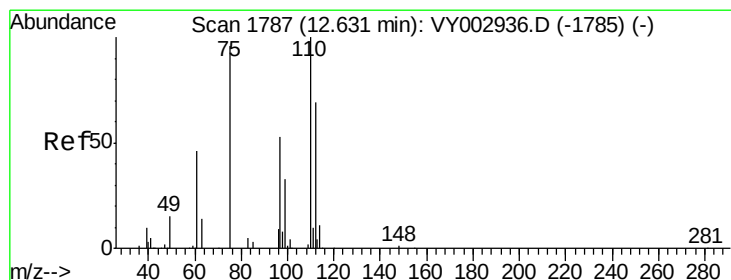
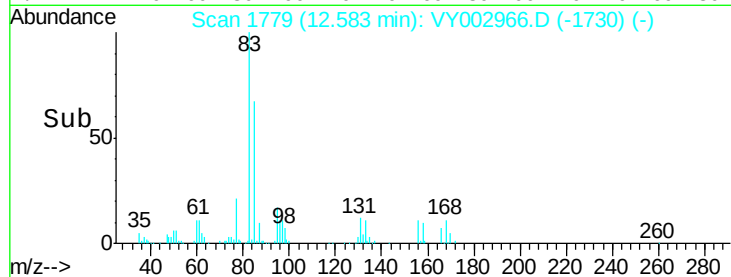
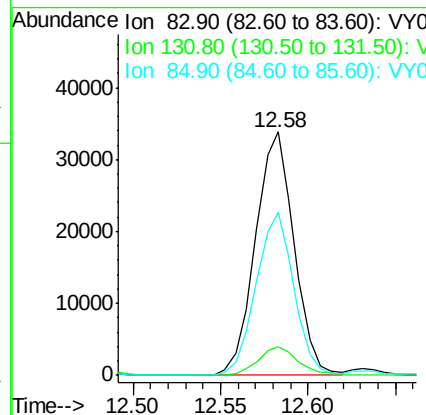
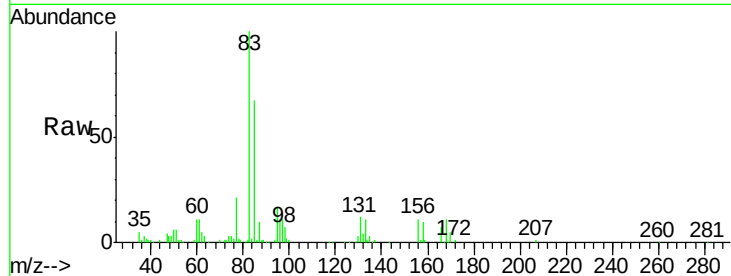
ClientSampleId :

VY0622SBS01

Tot Ion:	83	Resp:	52291
Ion Ratio	Lower	Upper	
83	100		
131	12.3	5.9	17.7
85	65.5	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 19.307 ug/l m

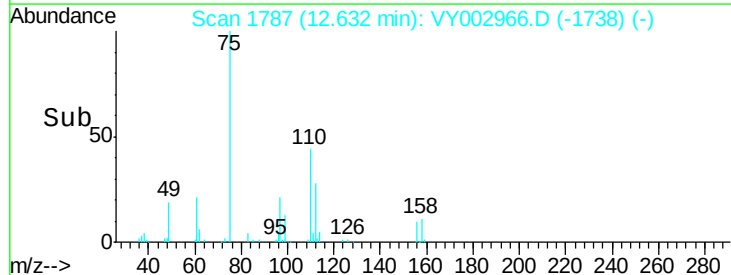
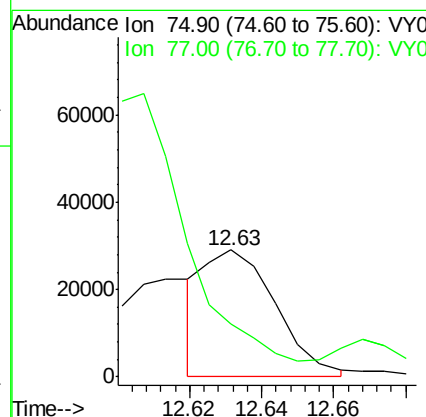
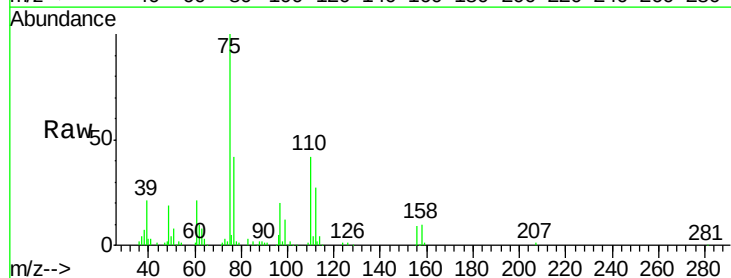
RT: 12.63 min Scan# 1787

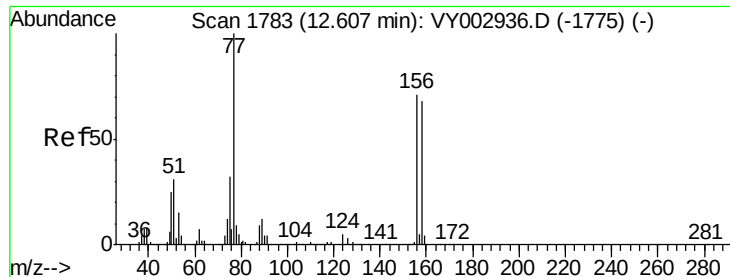
Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	75	Resp:	39988
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.715 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:156 Resp: 75237

Ion Ratio Lower Upper

156 100

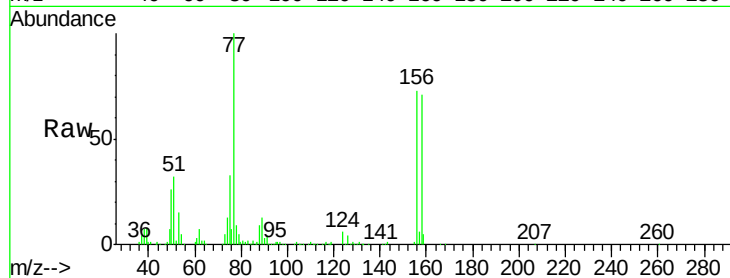
77 158.1 80.5 241.5

158 97.5 48.2 144.6

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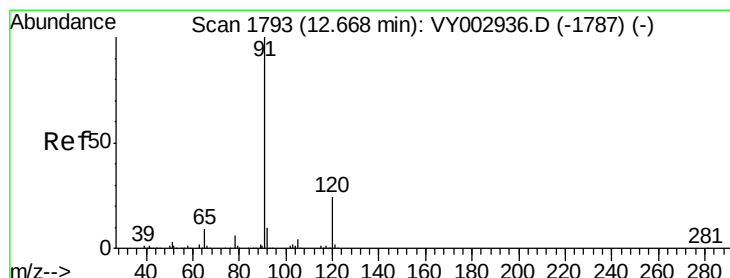
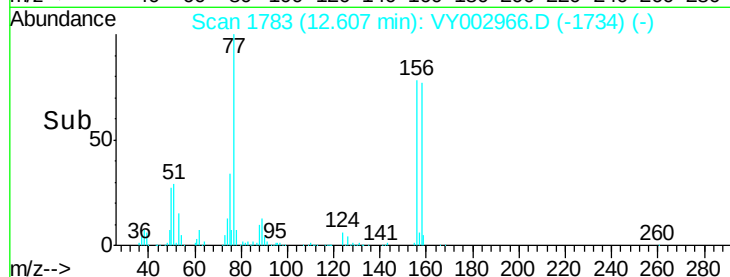
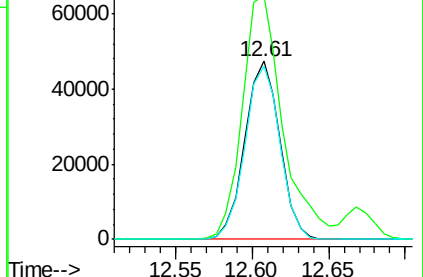
6/23/2020 8:13:15 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.515 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002966.D

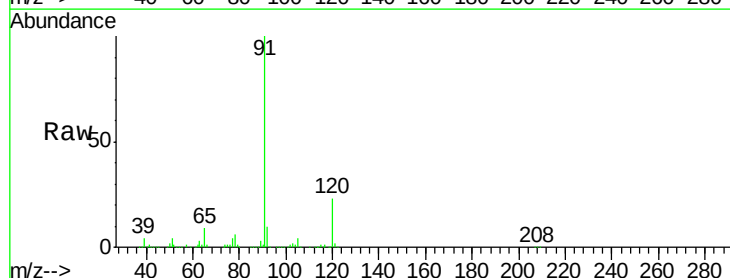
Acq: 22 Jun 2020 12:11

Tgt Ion: 91 Resp: 330005

Ion Ratio Lower Upper

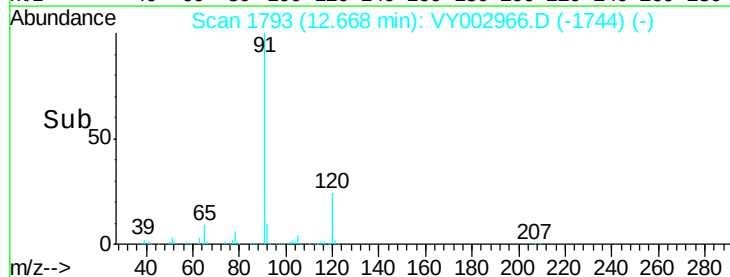
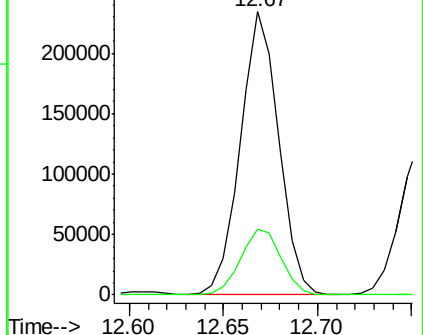
91 100

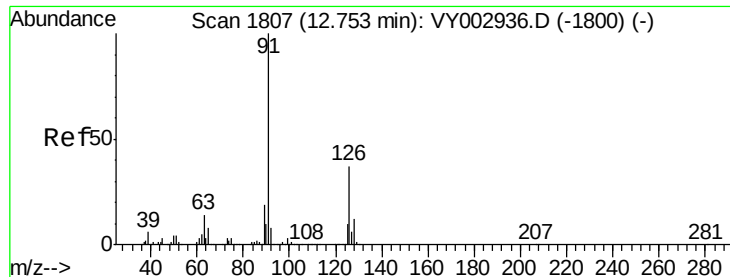
120 24.6 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.518 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion: 91 Resp: 184866

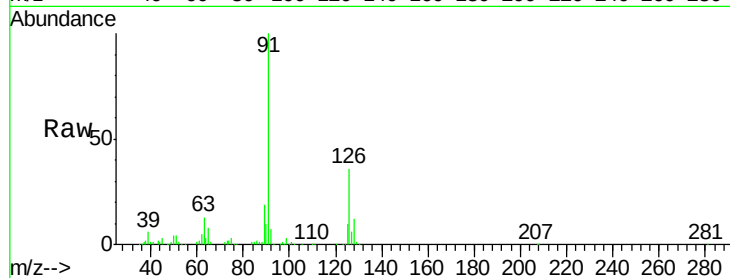
Ion Ratio Lower Upper

91 100

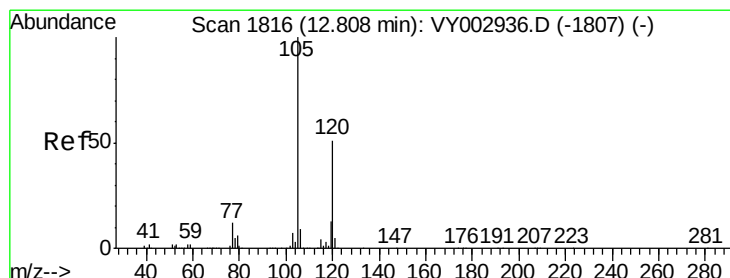
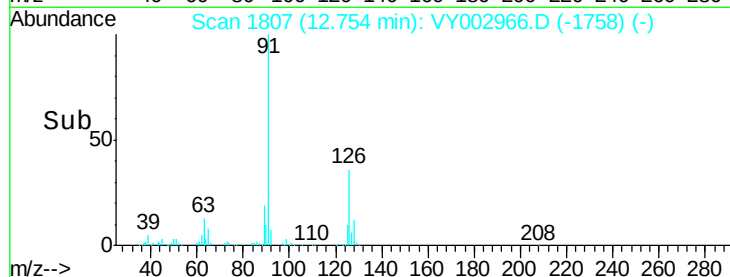
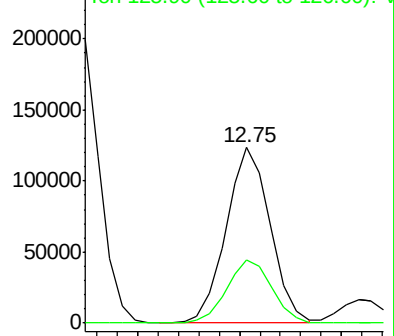
126 36.9 18.5 55.5

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VY002936.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.897 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY002966.D

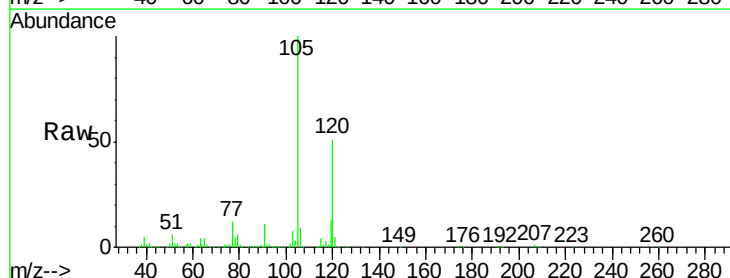
Acq: 22 Jun 2020 12:11

Tgt Ion: 105 Resp: 241763

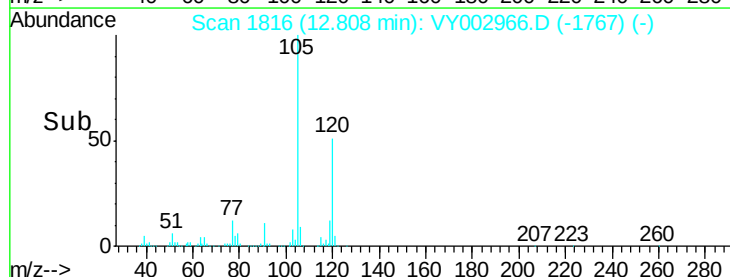
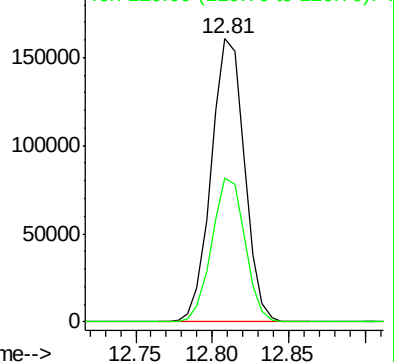
Ion Ratio Lower Upper

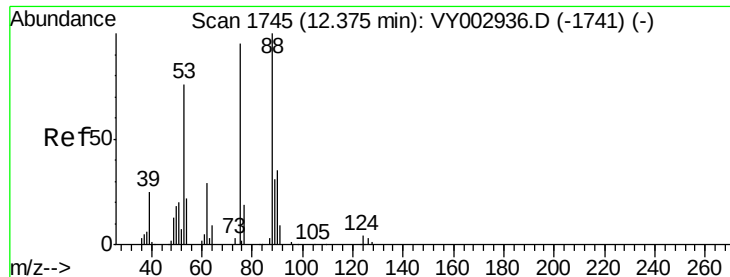
105 100

120 50.7 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VY002936.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.525 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

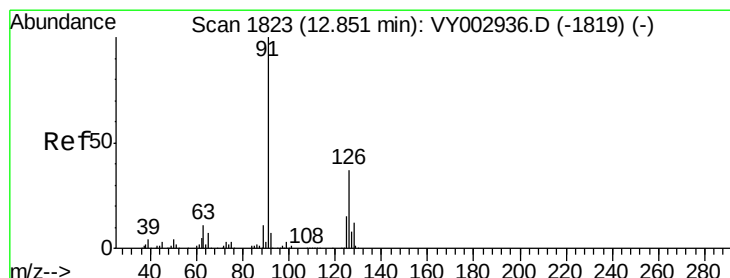
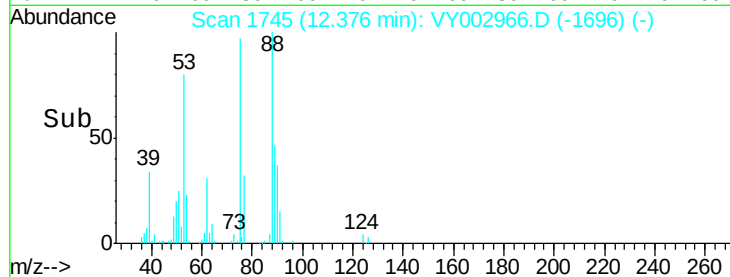
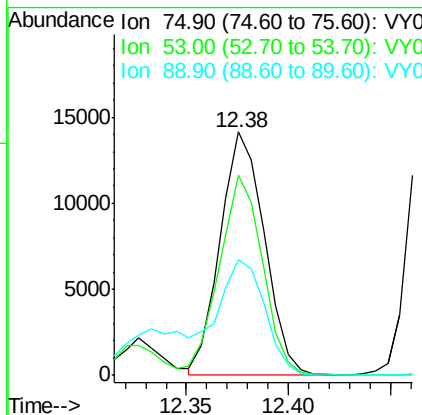
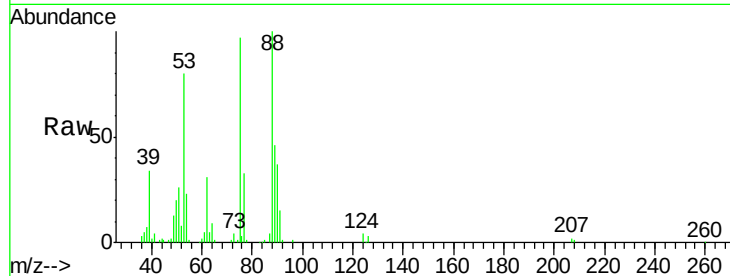
ClientSampleId :

VY0622SBS01

Tot Ion:	75	Resp:	21182
Ion	Ratio	Lower	Upper
75	100		
53	80.9	65.1	97.7
89	52.3	38.4	57.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.541 ug/l

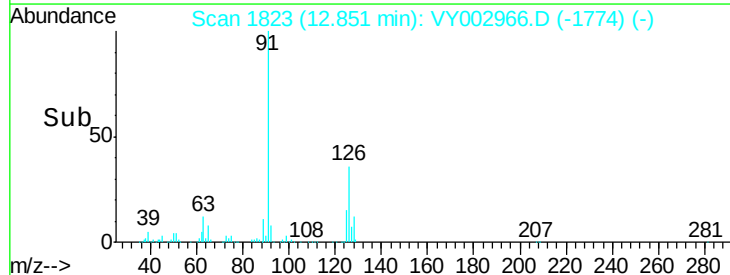
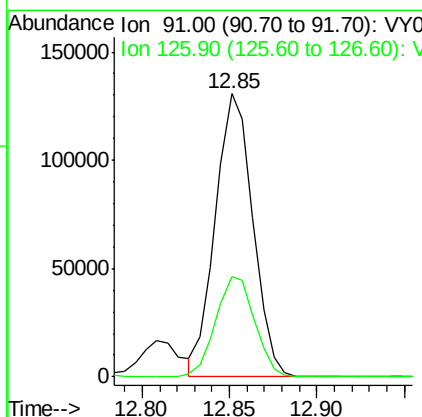
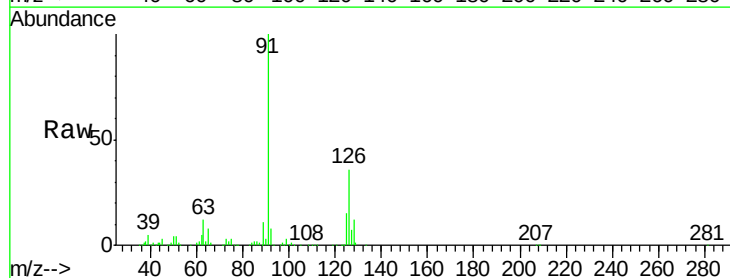
RT: 12.85 min Scan# 1823

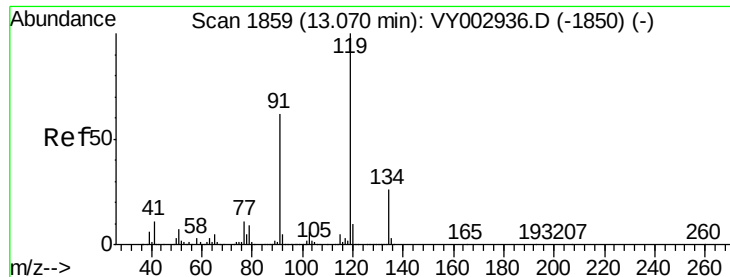
Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	91	Resp:	194638
Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.6	55.8





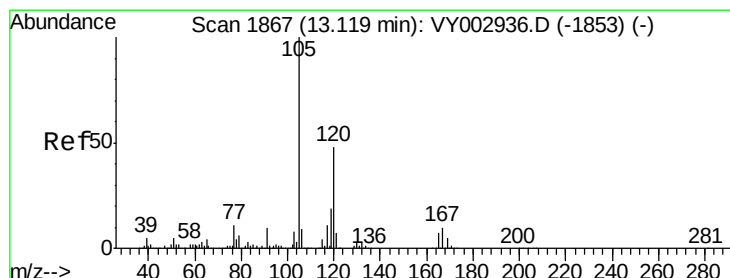
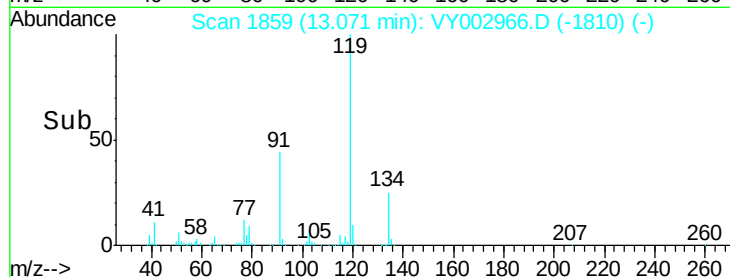
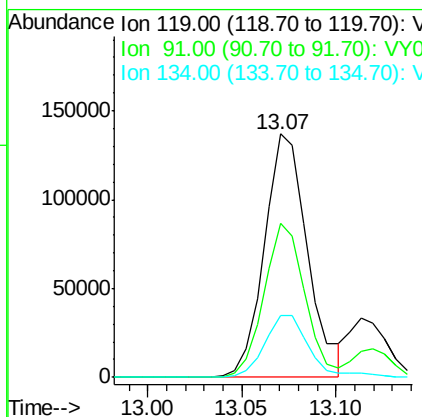
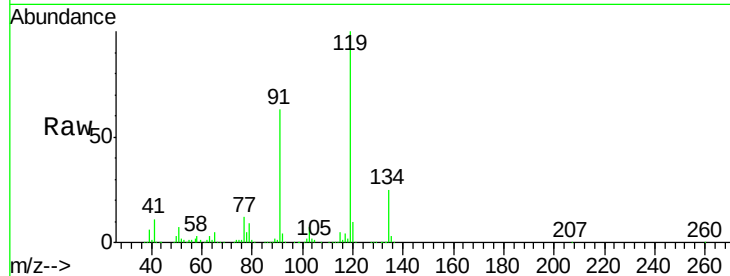
#83
 tert-Butylbenzene
 Concen: 20.020 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217892		
91	59.7		29.9	89.7
134	26.5		13.3	39.8

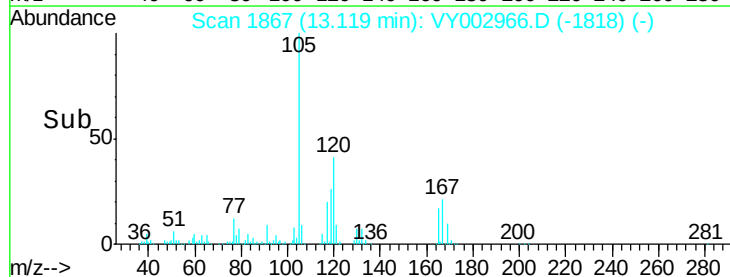
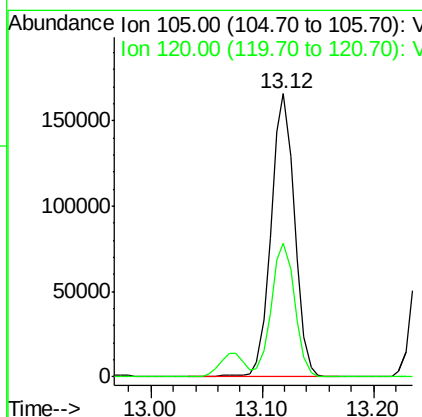
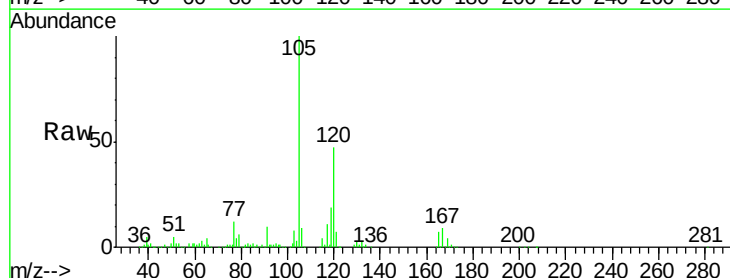
Manual Integrations
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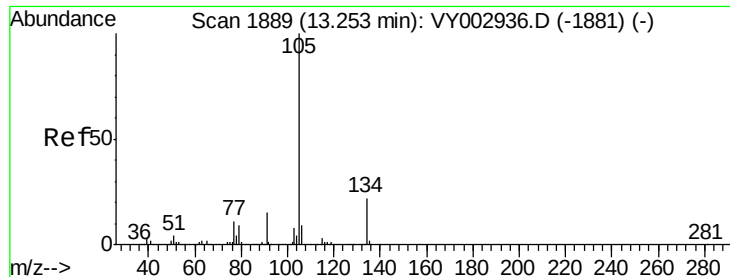
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.945 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243865		
120	47.3		23.5	70.5





#85

sec-Butylbenzene

Concen: 19.976 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0622SBS01

Tot Ion:105 Resp: 295748

Ion Ratio Lower Upper

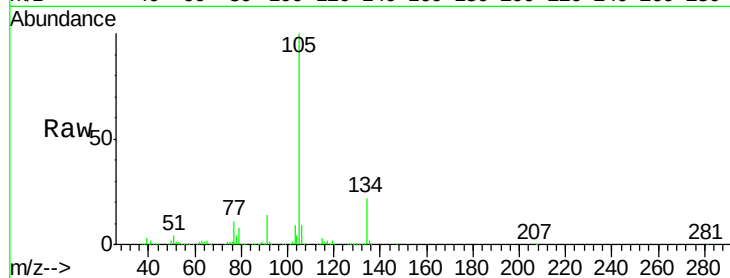
105 100

134 21.8 10.8 32.4

Manual Integrations
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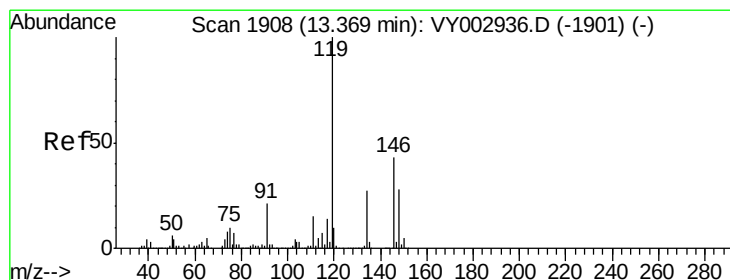
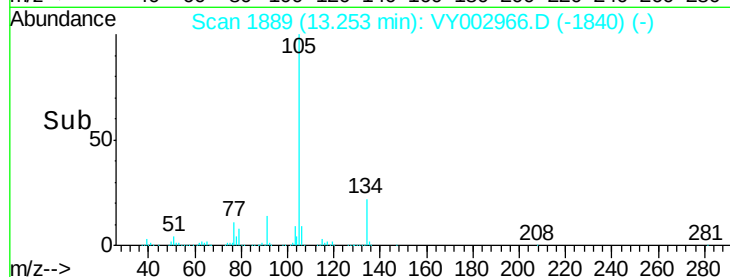
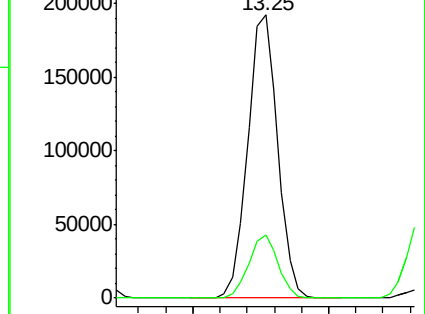
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.947 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

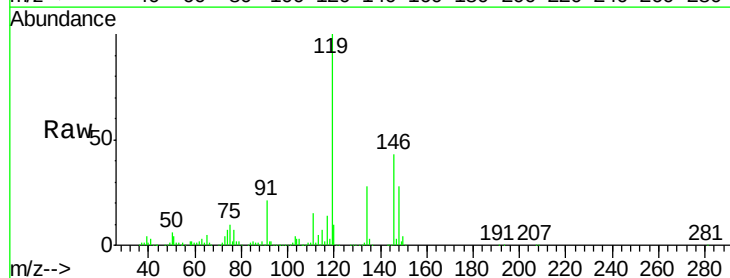
Tgt Ion:119 Resp: 277008

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

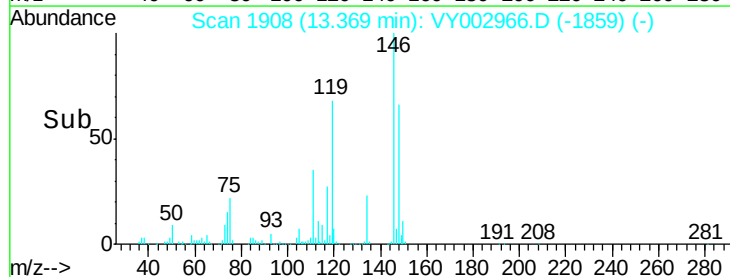
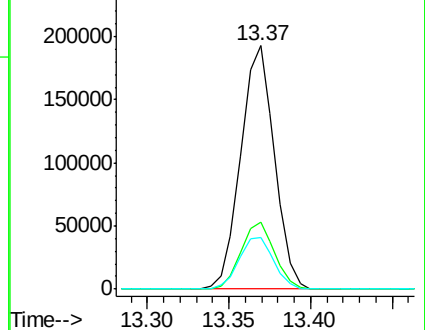
91 22.1 10.8 32.4

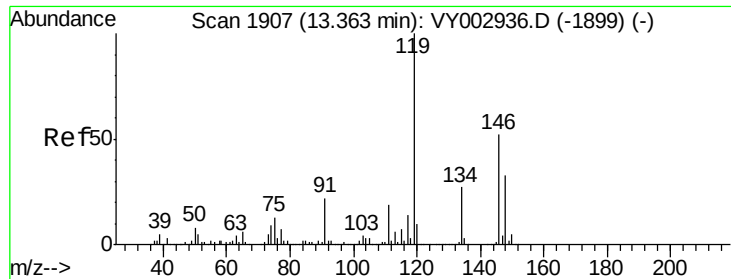


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 20.165 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Instrument :

MSVOA_Y

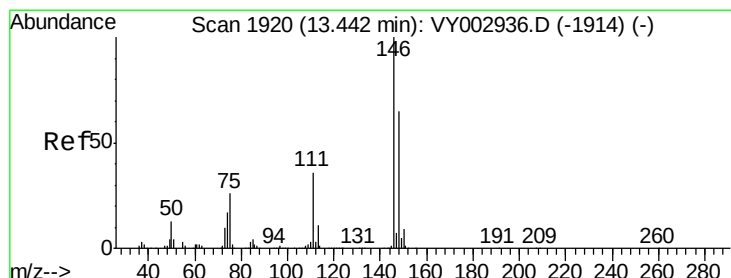
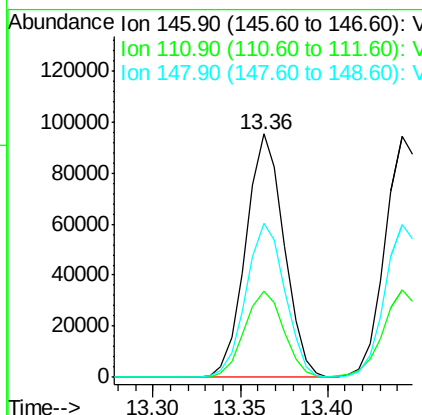
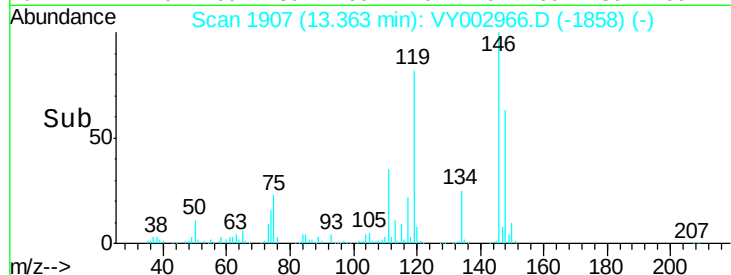
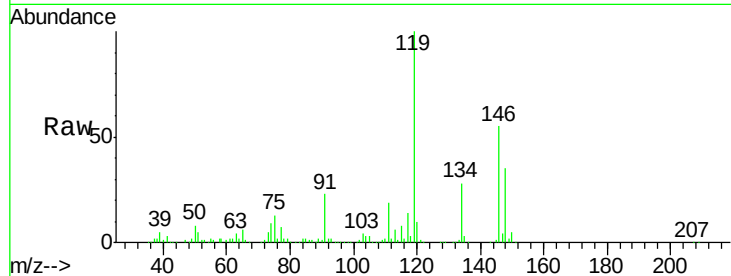
ClientSampleId :

VY0622SBSD01

Tot Ion:	146	Resp:	145049
Ion Ratio	Lower	Upper	
146	100		
111	36.1	18.2	54.6
148	64.2	31.9	95.7

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#88

1,4-Dichlorobenzene

Concen: 20.090 ug/l

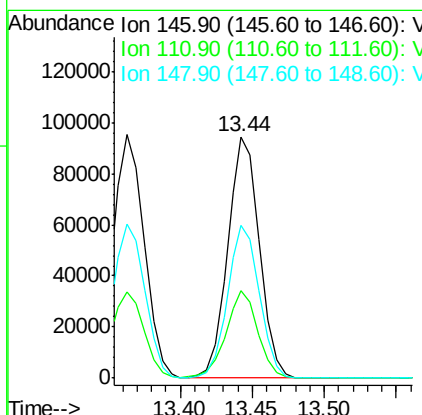
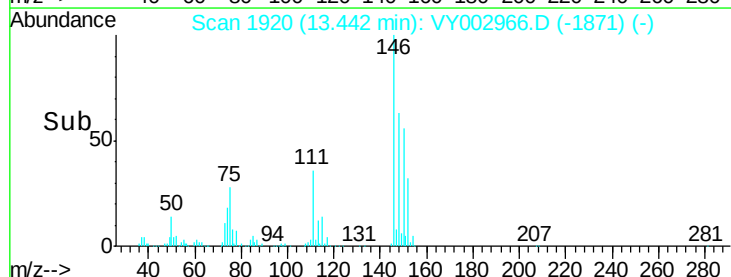
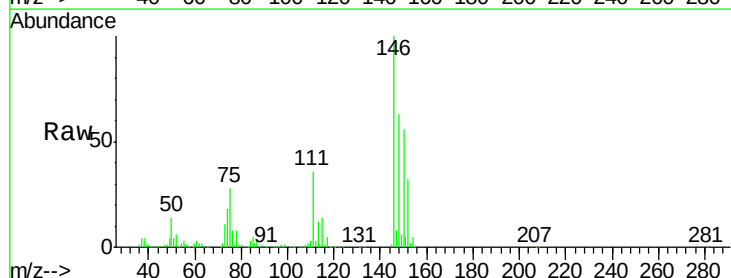
RT: 13.44 min Scan# 1920

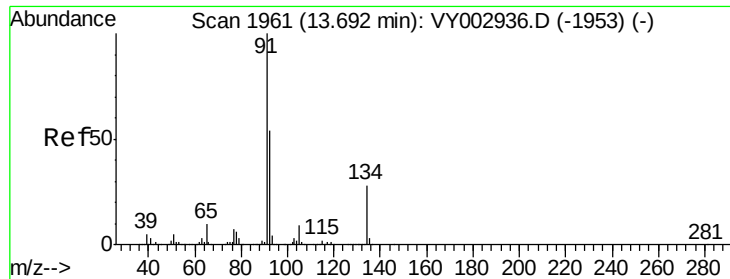
Delta R.T. 0.00 min

Lab File: VY002966.D

Acq: 22 Jun 2020 12:11

Tgt Ion:	146	Resp:	144711
Ion Ratio	Lower	Upper	
146	100		
111	36.8	17.9	53.8
148	64.0	32.1	96.5





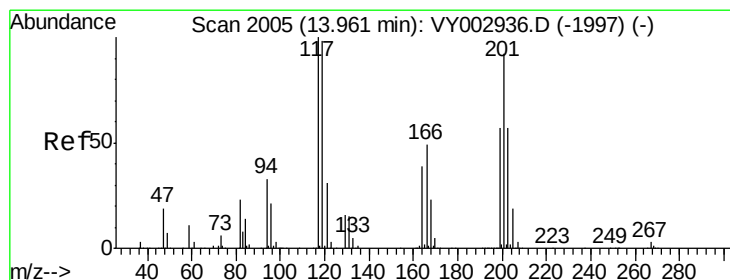
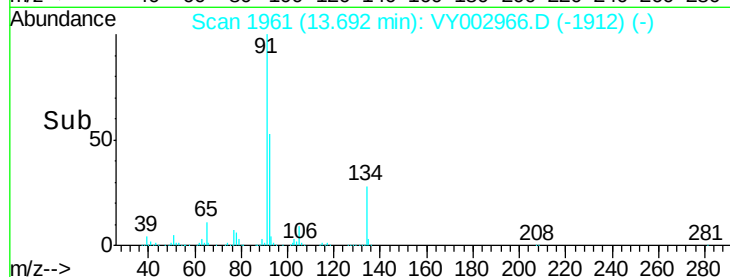
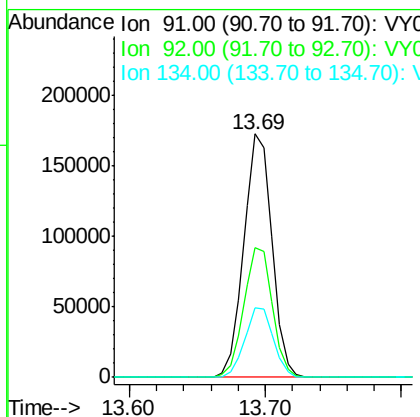
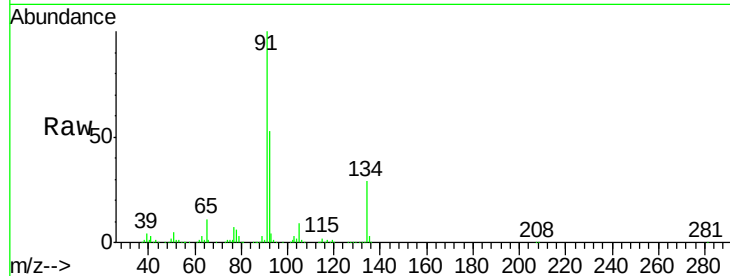
#89
n-Butylbenzene
Concen: 19.868 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	80.8
134	29.0	14.5	43.5

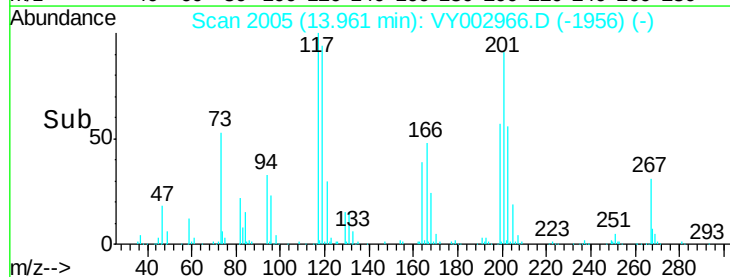
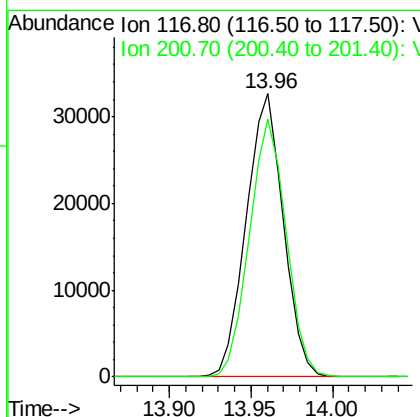
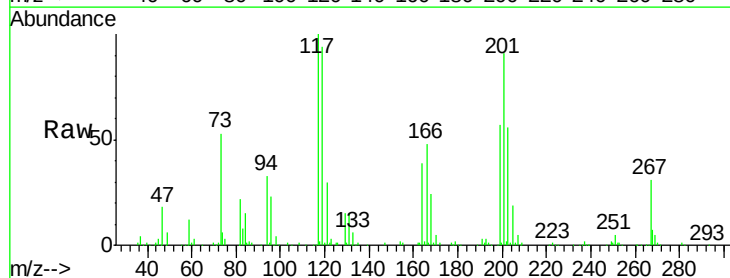
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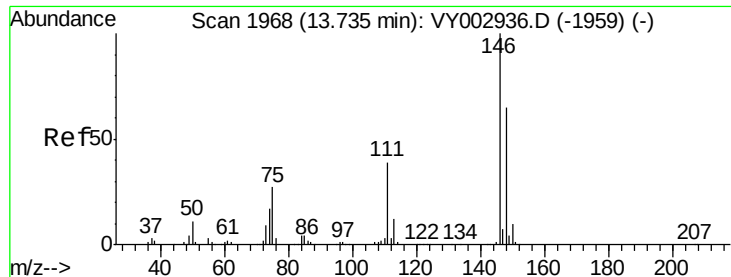
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#90
Hexachloroethane
Concen: 20.053 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.7	45.1	135.5





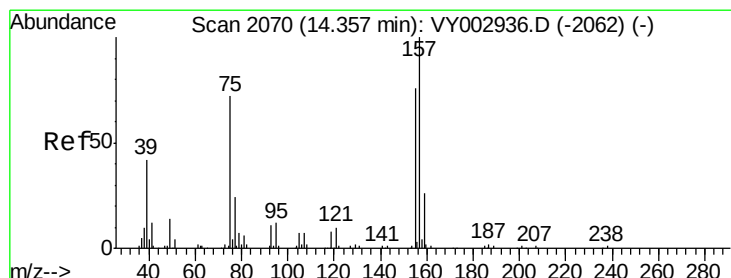
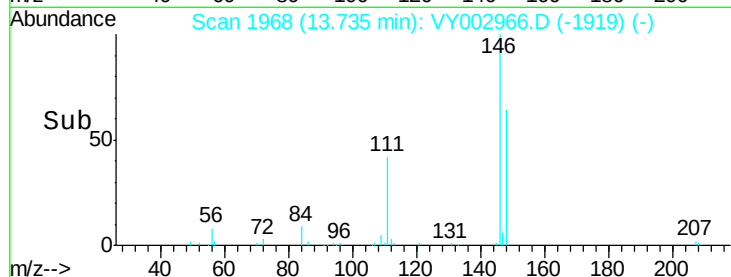
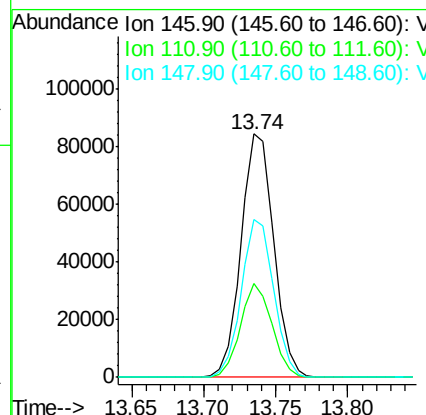
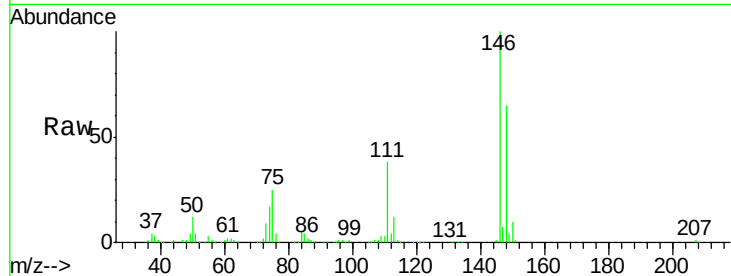
#91
 1,2-Dichlorobenzene
 Concen: 20.327 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.9
148	64.0	32.0	96.2

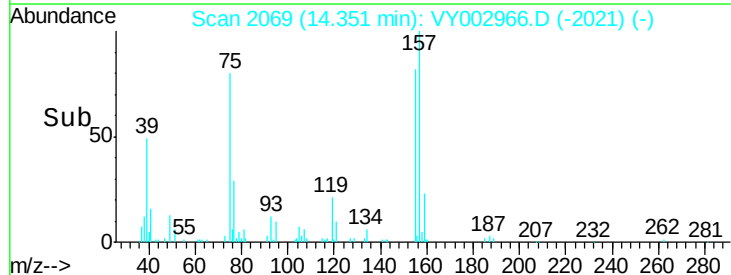
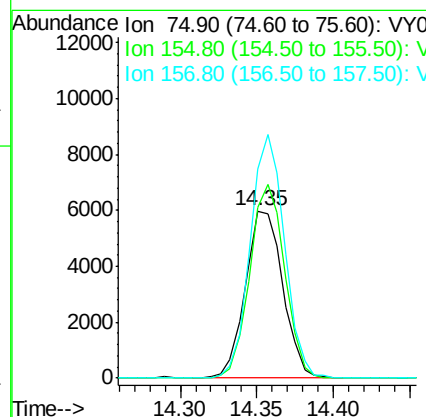
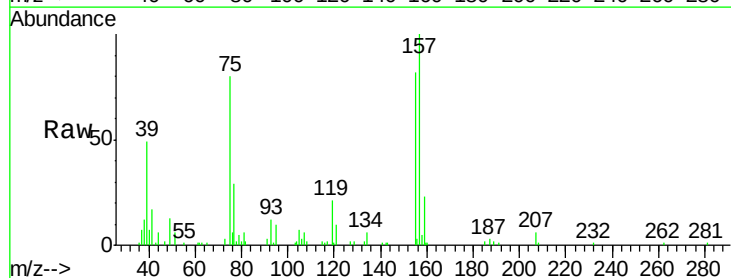
Manual Integrations
 APPROVED

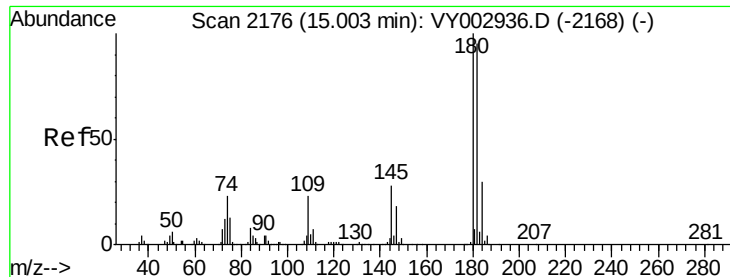
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.172 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.8	53.1	159.4
157	133.0	69.0	206.9





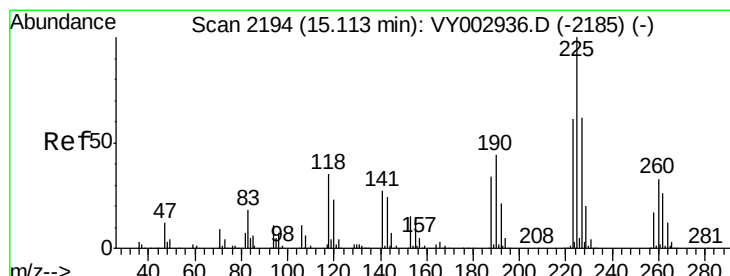
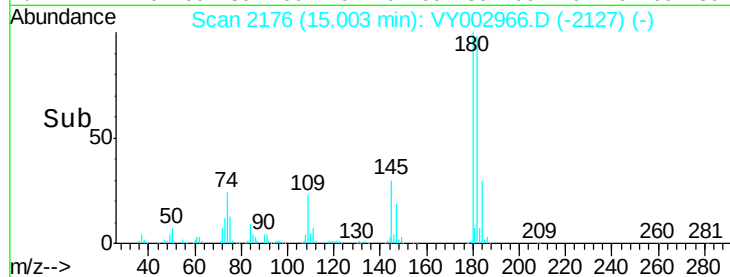
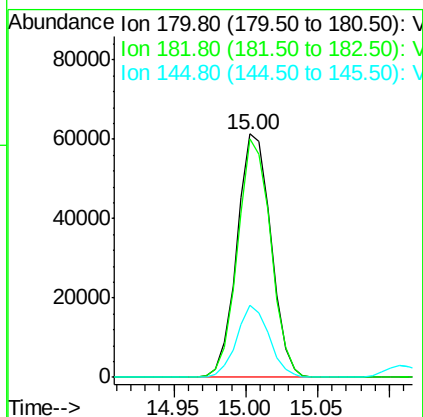
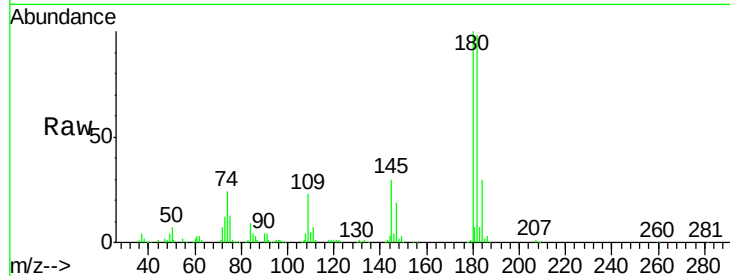
#93
 1,2,4-Trichlorobenzene
 Concen: 20.416 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100298		
182	95.6		47.9	143.6
145	28.4		14.1	42.3

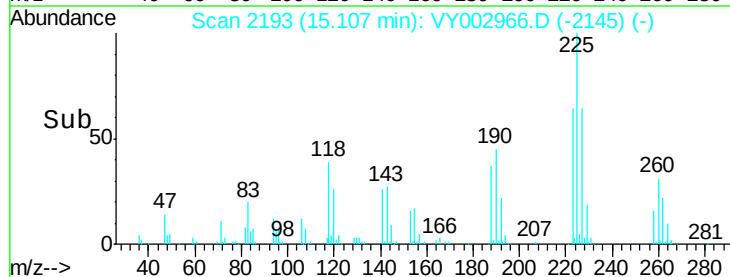
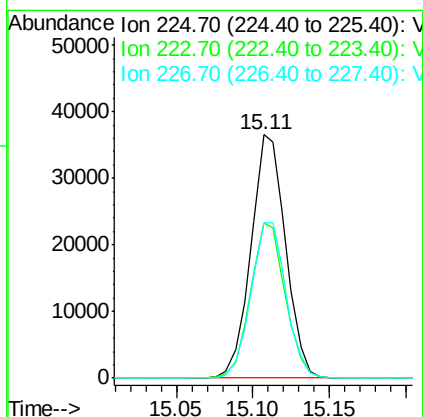
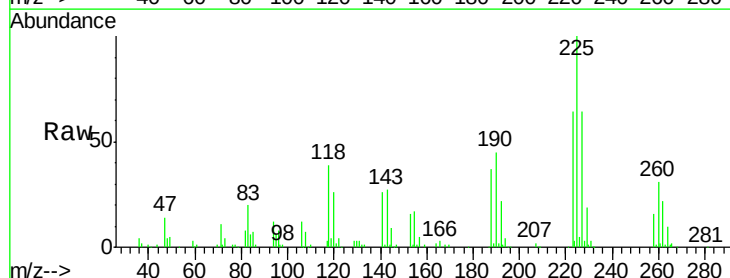
Manual Integrations
 APPROVED

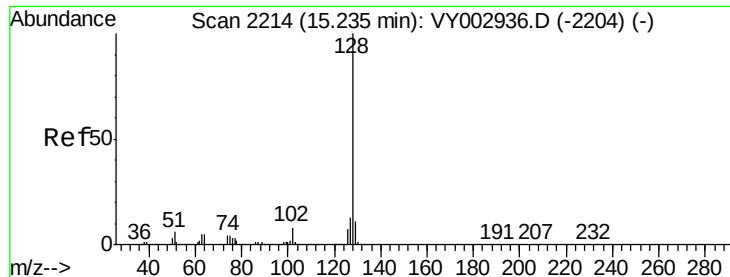
MMDadoda
 6/23/2020 8:13:15 PM



#94
 Hexachlorobutadiene
 Concen: 20.223 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY002966.D
 Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57263		
223	63.8		31.3	93.8
227	64.8		31.9	95.7





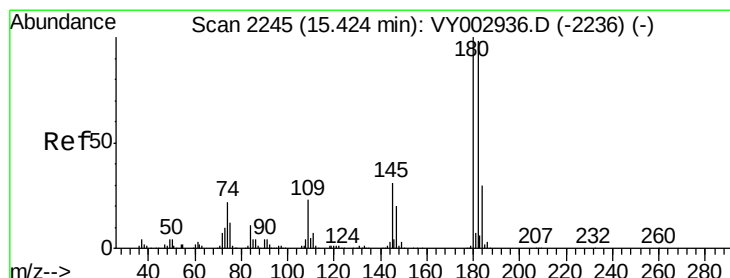
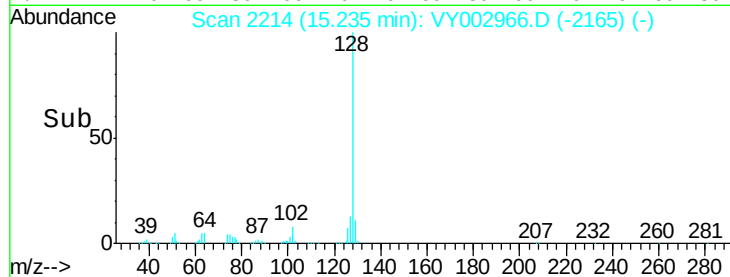
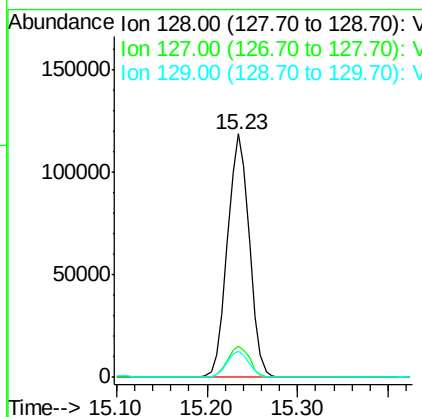
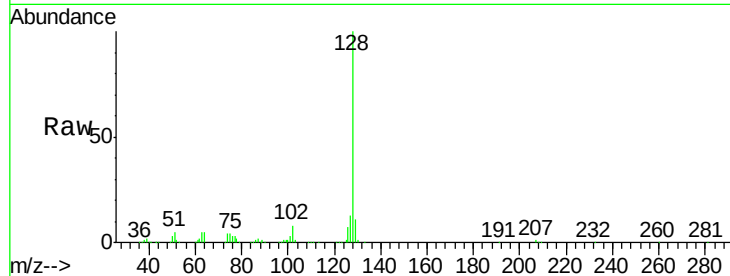
#95
Naphthalene
Concen: 20.247 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0622SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	198249		
127	13.0		10.2	15.4
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/23/2020 8:13:15 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.802 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002966.D
Acq: 22 Jun 2020 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	91177		
182	94.1		47.8	143.3
145	29.7		15.0	45.0

