

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121719\
 Data File : VY000973.D
 Acq On : 17 Dec 2019 13:14
 Operator : SY/MD
 Sample : VY1217SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/18/2019 1:02:00 PM

Quant Time: Dec 18 06:06:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	284423	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	502200	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	445983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	212279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	155562	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	7.73	113	152731	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
50) Toluene-d8	10.18	98	627661	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.48	95	209586	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	54874	17.923	ug/l	95
3) Chloromethane	2.12	50	74169	19.652	ug/l	100
4) Vinyl Chloride	2.26	62	71086	19.112	ug/l	93
5) Bromomethane	2.64	94	47452	19.625	ug/l	95
6) Chloroethane	2.79	64	45440	19.925	ug/l	99
7) Trichlorofluoromethane	3.13	101	102124	20.034	ug/l	93
8) Diethyl Ether	3.54	74	41696	21.733	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	65444	20.790	ug/l	97
10) Methyl Iodide	4.10	142	77831	19.638	ug/l	98
11) Tert butyl alcohol	4.97	59	33215	109.238	ug/l	99
12) 1,1-Dichloroethene	3.88	96	65483	20.998	ug/l	97
13) Acrolein	3.74	56	28645	95.637	ug/l	95
14) Allyl chloride	4.48	41	109465	20.471	ug/l	97
15) Acrylonitrile	5.18	53	108872	109.894	ug/l	99
16) Acetone	3.96	43	76683	110.606	ug/l	98
17) Carbon Disulfide	4.20	76	198158	19.647	ug/l	99
18) Methyl Acetate	4.49	43	61255	21.130	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	178023	21.375	ug/l	96
20) Methylene Chloride	4.72	84	84734	23.186	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	73742	20.804	ug/l	97
22) Diisopropyl ether	6.13	45	231148	21.032	ug/l	95
23) Vinyl Acetate	6.07	43	715481	107.086	ug/l	98
24) 1,1-Dichloroethane	6.03	63	126188	20.832	ug/l	97
25) 2-Butanone	7.00	43	133526	104.260	ug/l	96
26) 2,2-Dichloropropane	7.00	77	105144	20.624	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	82551	21.545	ug/l	98
28) Bromochloromethane	7.35	49	28768	14.446	ug/l	97
29) Tetrahydrofuran	7.36	42	92714	109.247	ug/l	98
30) Chloroform	7.52	83	123228	20.279	ug/l	100
31) Cyclohexane	7.79	56	128688	20.055	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	103051	20.537	ug/l	97
36) 1,1-Dichloropropene	7.93	75	100455	20.118	ug/l	100
37) Ethyl Acetate	7.08	43	61764	21.422	ug/l	98
38) Carbon Tetrachloride	7.91	117	87786	19.741	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	128477	19.420	ug/l	98
40) Benzene	8.17	78	300549	20.664	ug/l	99
41) Methacrylonitrile	7.32	41	25545m	16.810	ug/l	
42) 1,2-Dichloroethane	8.24	62	75797	19.816	ug/l	97
43) Isopropyl Acetate	8.28	43	109572	20.166	ug/l	98
44) Trichloroethene	8.94	130	78168	20.912	ug/l	98
45) 1,2-Dichloropropane	9.22	63	76949	21.062	ug/l	96
46) Dibromomethane	9.31	93	40390	21.159	ug/l	99
47) Bromodichloromethane	9.50	83	93050	20.750	ug/l	98
48) Methyl methacrylate	9.30	41	47022	19.681	ug/l	94
49) 1,4-Dioxane	9.31	88	11155	412.425	ug/l #	94
51) 4-Methyl-2-Pentanone	10.07	43	298192	106.220	ug/l	99
52) Toluene	10.24	92	185177	20.563	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	101069	20.978	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	116062	20.381	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	59185	20.986	ug/l	96
56) Ethyl methacrylate	10.51	69	83287	20.644	ug/l	98
57) 1,3-Dichloropropane	10.79	76	105637	21.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	157409	96.763	ug/l	99
59) 2-Hexanone	10.83	43	201077	98.296	ug/l	99
60) Dibromochloromethane	10.99	129	62670	20.642	ug/l	100
61) 1,2-Dibromoethane	11.09	107	56650	21.314	ug/l	99
64) Tetrachloroethene	10.72	164	82194	21.212	ug/l	99
65) Chlorobenzene	11.51	112	194574	20.989	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	64490	20.642	ug/l	98
67) Ethyl Benzene	11.59	91	349823	20.262	ug/l	97
68) m/p-Xylenes	11.70	106	267035	41.207	ug/l	99
69) o-Xylene	12.02	106	126909	21.004	ug/l	96
70) Styrene	12.04	104	218266	21.096	ug/l	97
71) Bromoform	12.20	173	35779	20.306	ug/l #	99
73) Isopropylbenzene	12.33	105	336039	19.881	ug/l	100
74) N-amyl acetate	12.14	43	94483	20.084	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	68688	20.625	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	58606m	24.367	ug/l	
77) Bromobenzene	12.61	156	75406	20.581	ug/l	97
78) n-propylbenzene	12.67	91	408484	19.793	ug/l	100
79) 2-Chlorotoluene	12.75	91	222899	19.550	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	276410	19.751	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	25050	20.459	ug/l	98
82) 4-Chlorotoluene	12.85	91	237666	20.233	ug/l	97
83) tert-Butylbenzene	13.07	119	232870	19.792	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	275993	19.712	ug/l	98
85) sec-Butylbenzene	13.25	105	340758	19.914	ug/l	99
86) p-Isopropyltoluene	13.36	119	300085	20.162	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	146434	20.374	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	146010	20.517	ug/l	98
89) n-Butylbenzene	13.69	91	299276	19.888	ug/l	99
90) Hexachloroethane	13.95	117	54749	19.969	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	130246	20.147	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11892	21.329	ug/l	95

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	90071	20.589	ug/l	98
94) Hexachlorobutadiene	15.11	225	41864	19.302	ug/l	97
95) Naphthalene	15.23	128	210815	20.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	80238	20.534	ug/l	99

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

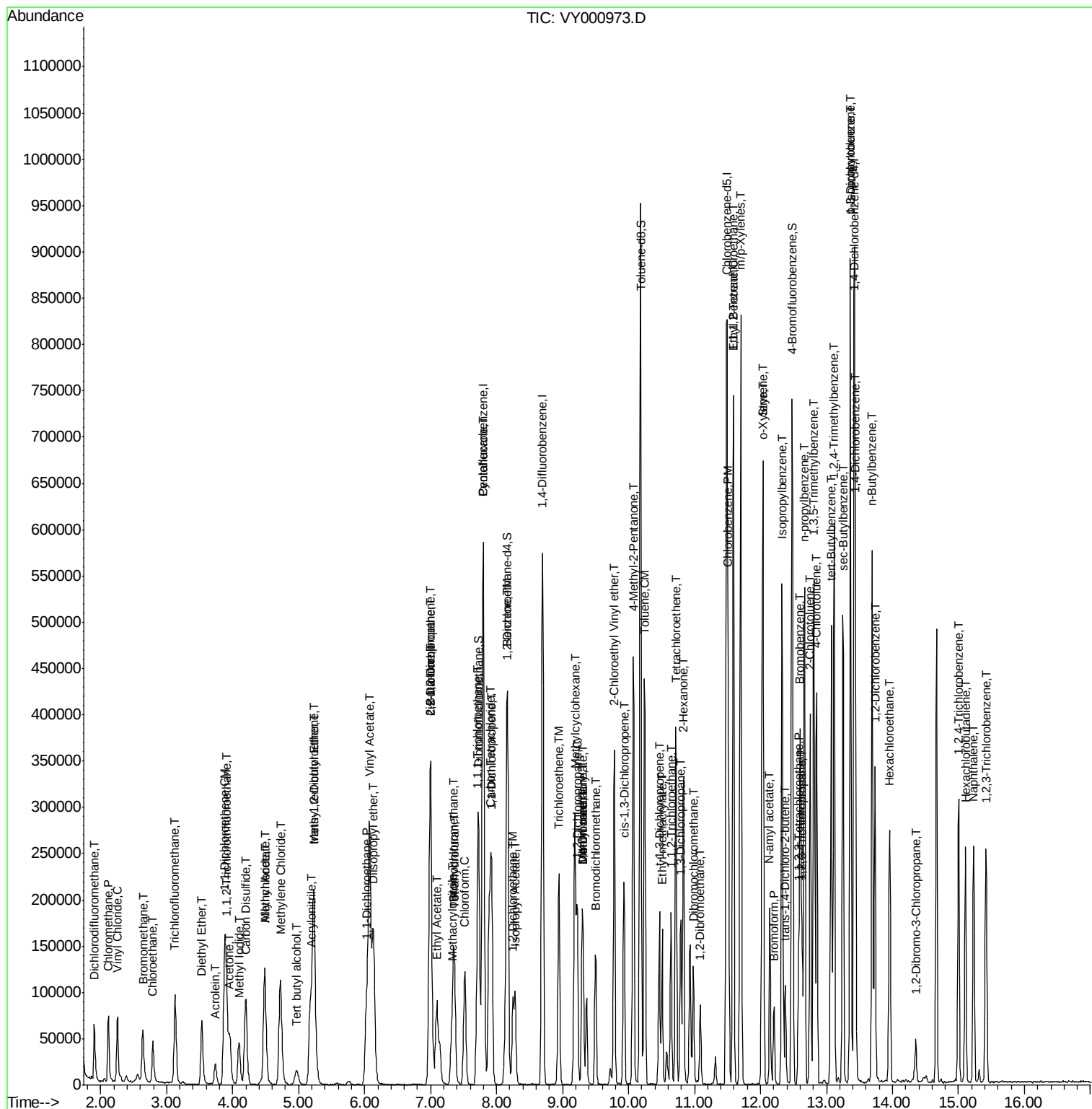
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 Data File : VY000973.D
 Acq On : 17 Dec 2019 13:14
 Operator : SY/MD
 Sample : VY1217SBSD01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

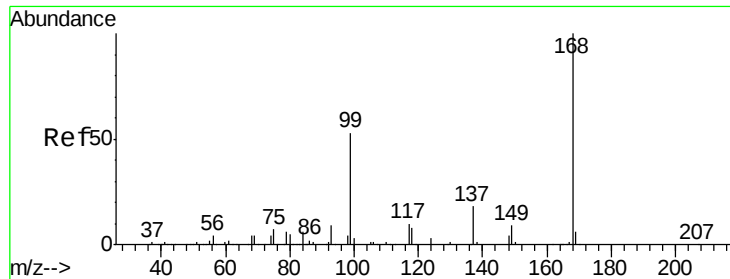
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBSD01

Manual Integrations
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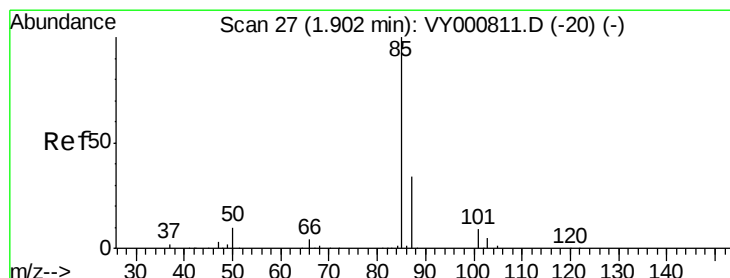
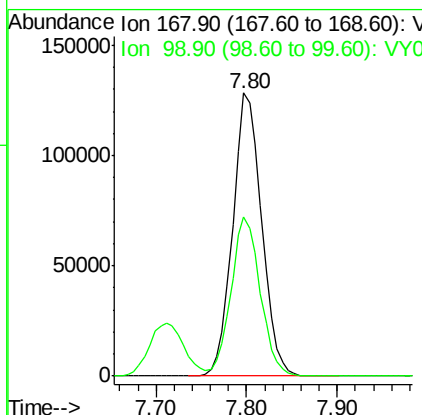
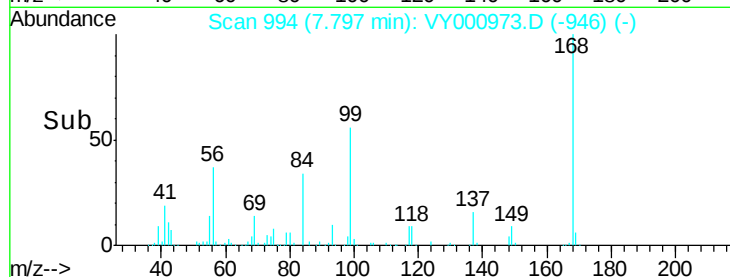
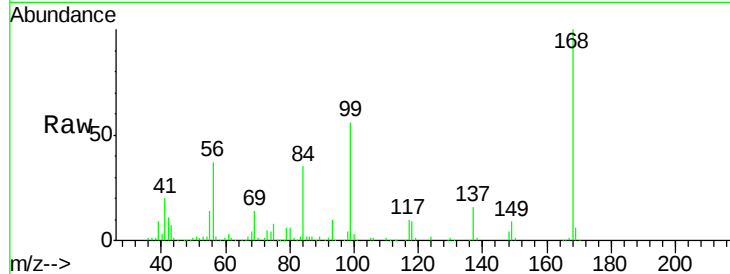
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.3	45.0	67.6

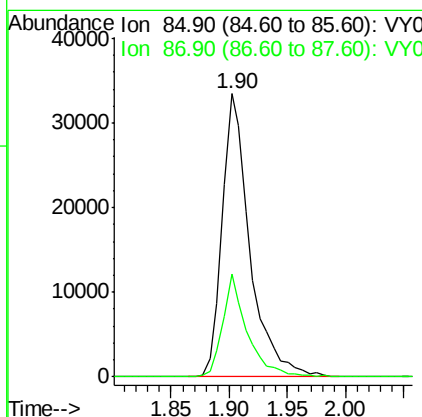
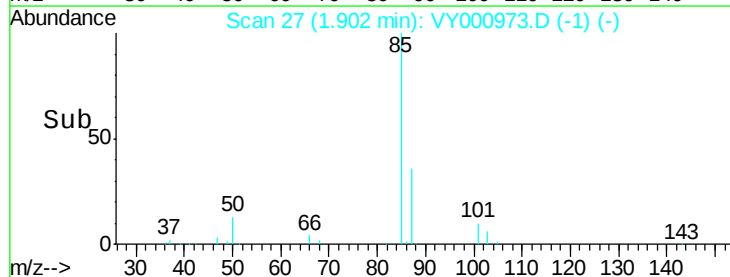
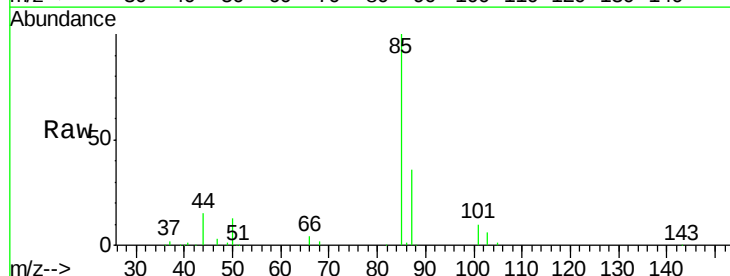
Manual Integrations
 APPROVED

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 12/18/2019 1:02:00 PM



#2
 Dichlorodifluoromethane
 Concen: 17.923 ug/l
 RT: 1.90 min Scan# 27
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	36.2	16.8	50.3





#3

Chloromethane

Concen: 19.652 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 50 Resp: 74169

Ion Ratio Lower Upper

50 100

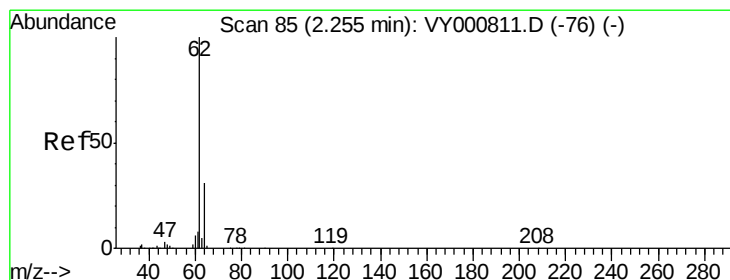
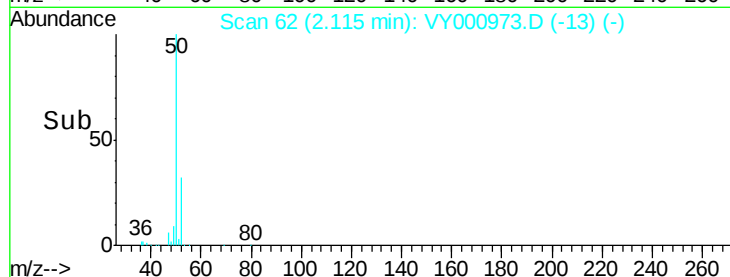
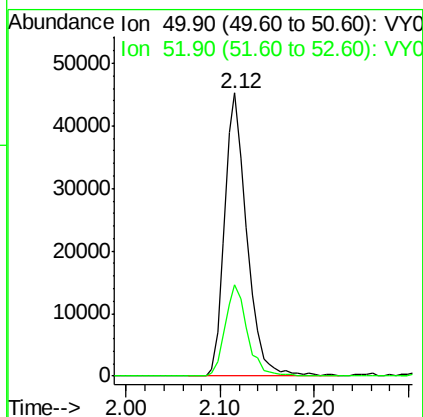
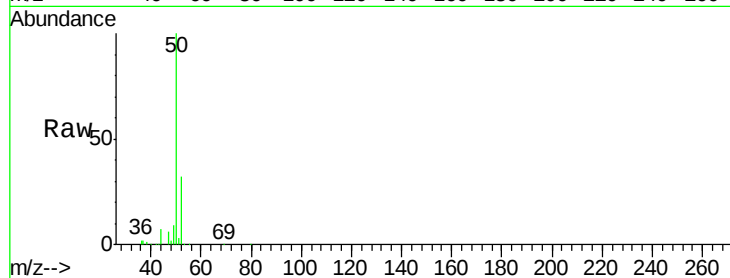
52 32.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.112 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY000973.D

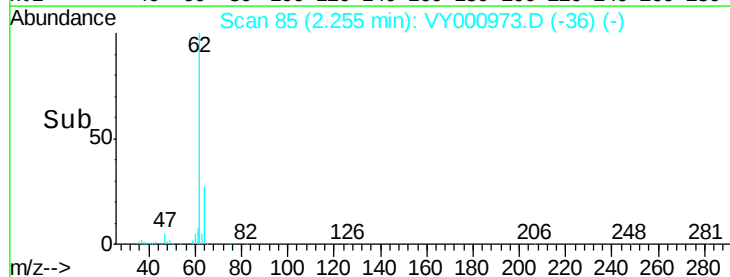
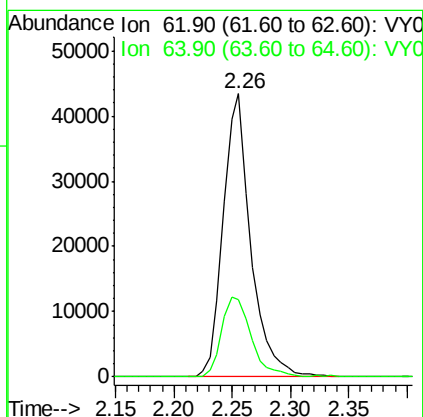
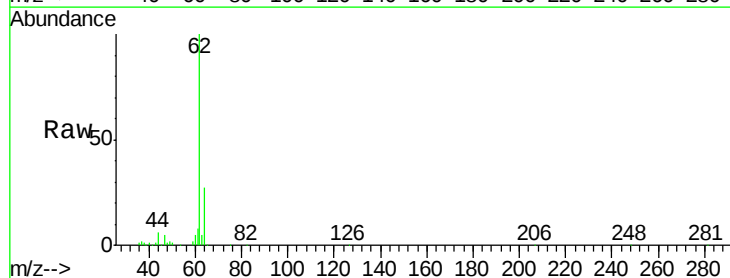
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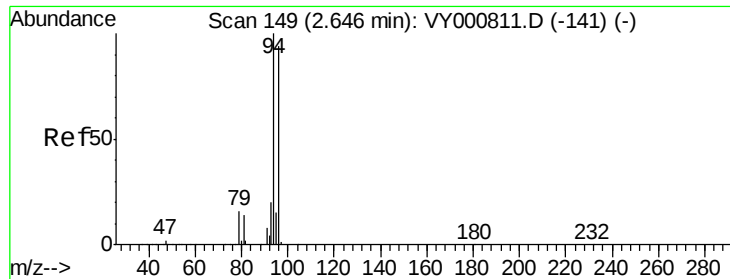
Tgt Ion: 62 Resp: 71086

Ion Ratio Lower Upper

62 100

64 27.3 25.1 37.7





#5

Bromomethane

Concen: 19.625 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 94 Resp: 47452

Ion Ratio Lower Upper

94 100

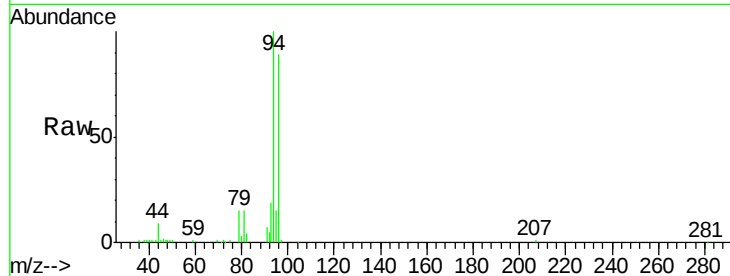
96 89.4 75.2 112.8

Manual Integrations

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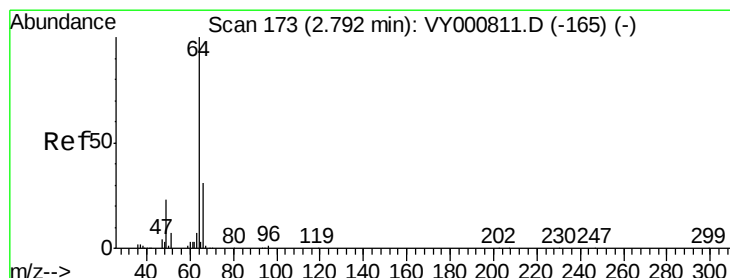
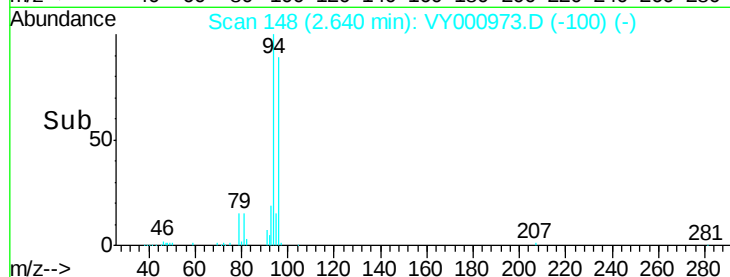
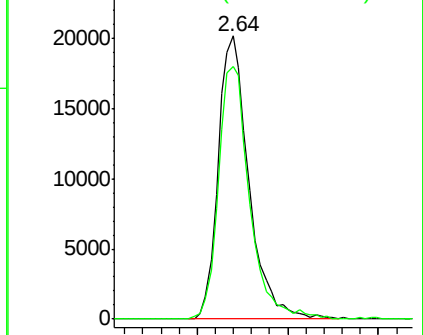
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.925 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000973.D

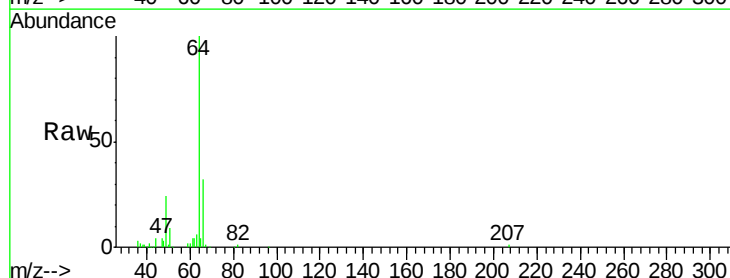
Acq: 17 Dec 2019 13:14

Tgt Ion: 64 Resp: 45440

Ion Ratio Lower Upper

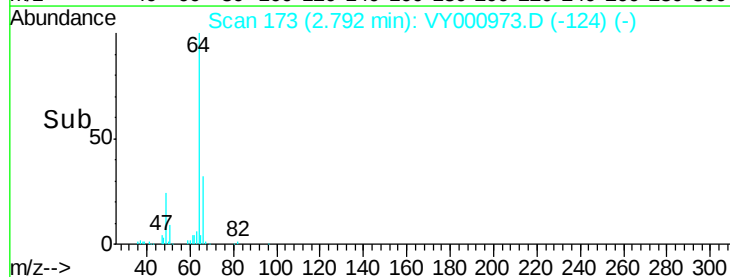
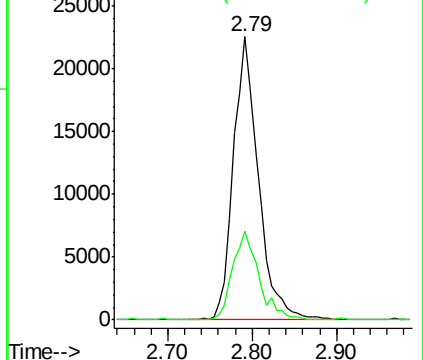
64 100

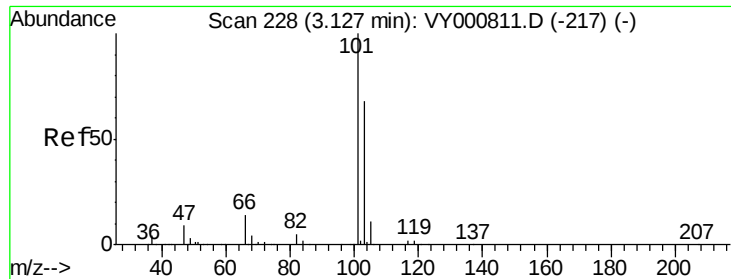
66 31.5 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

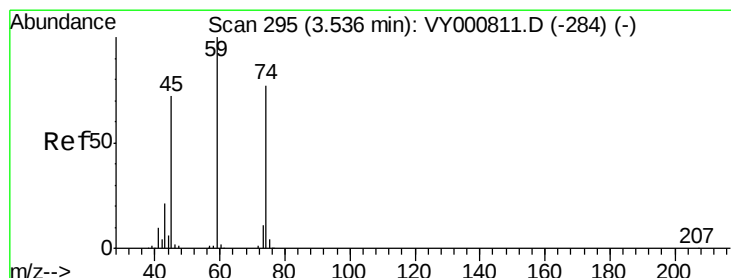
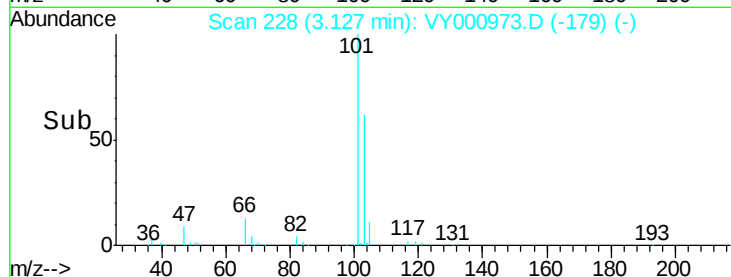
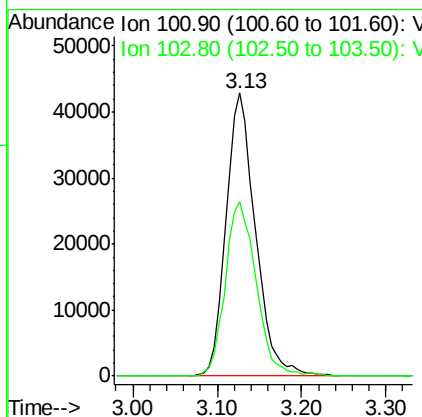
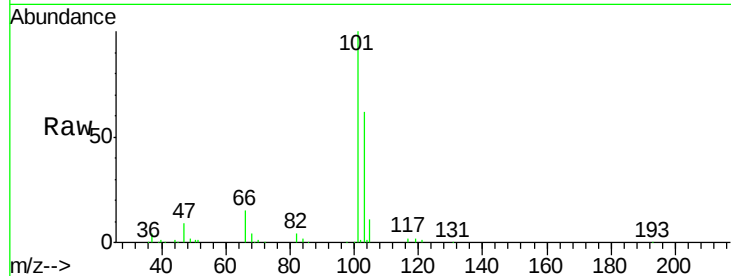
Trichlorofluoromethane
 Concen: 20.034 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	102124		
103	61.8	54.2	81.2	

Manual Integrations
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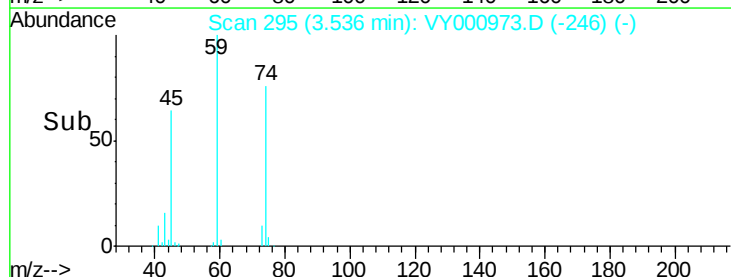
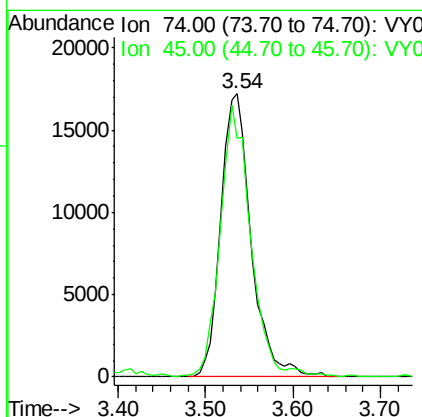
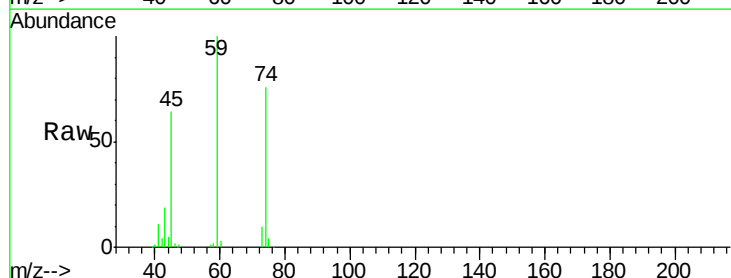
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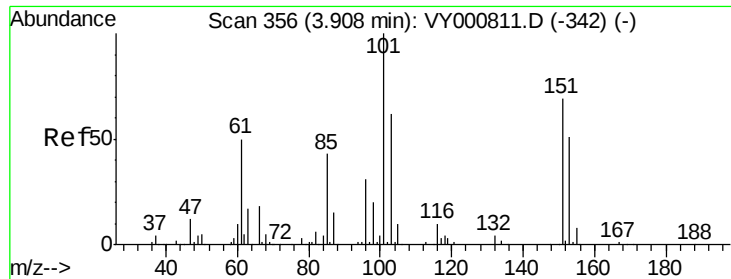


#8

Diethyl Ether
 Concen: 21.733 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	41696		
45	94.1	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.790 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

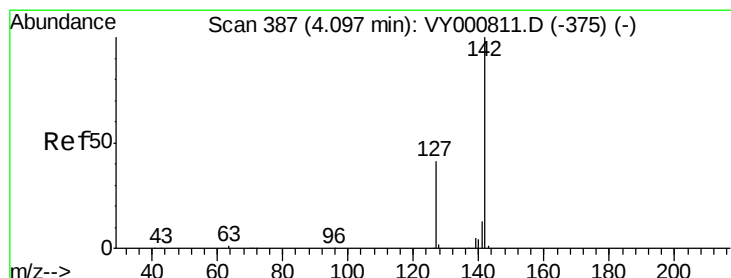
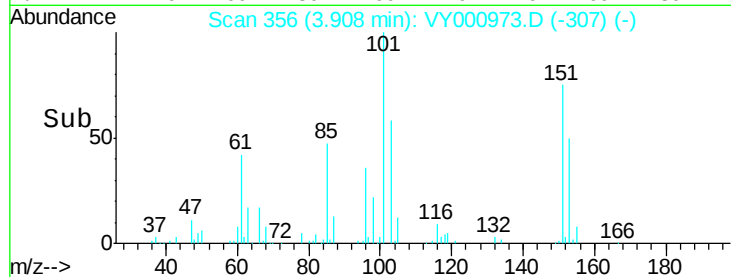
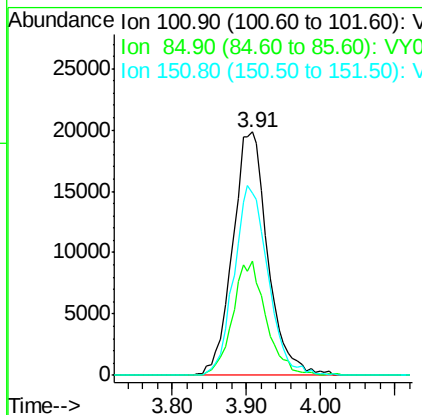
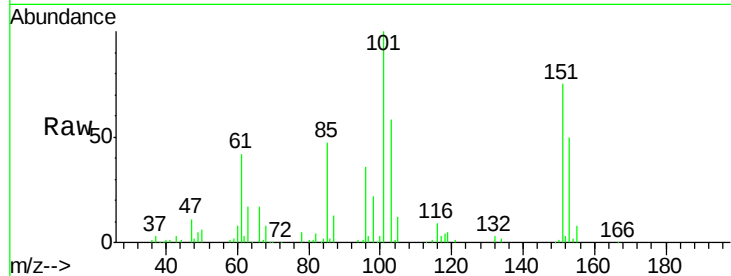
ClientSampleId :

VY1217SBS01

Tot Ion:	101	Resp:	65444
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	75.7	58.2	87.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.638 ug/l

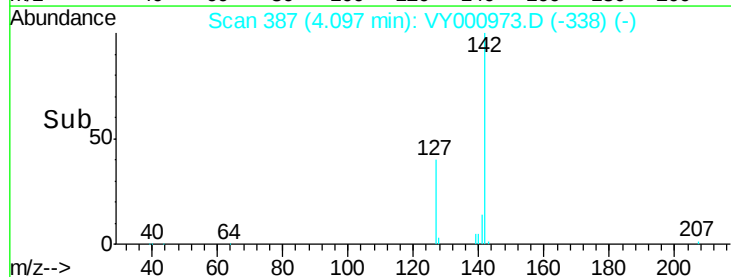
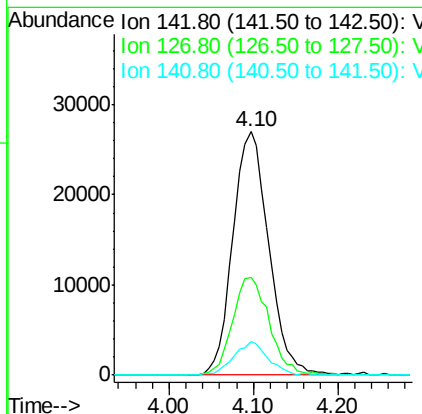
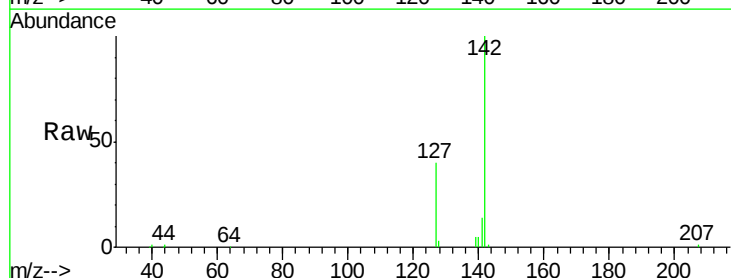
RT: 4.10 min Scan# 387

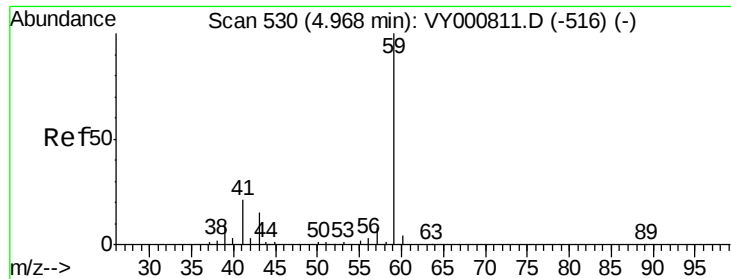
Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Tgt Ion:	142	Resp:	77831
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.8	50.8
141	13.2	10.9	16.3





#11

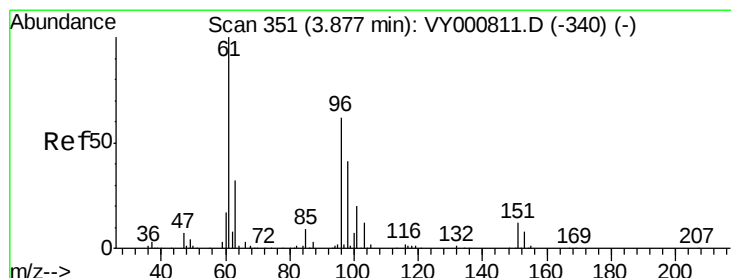
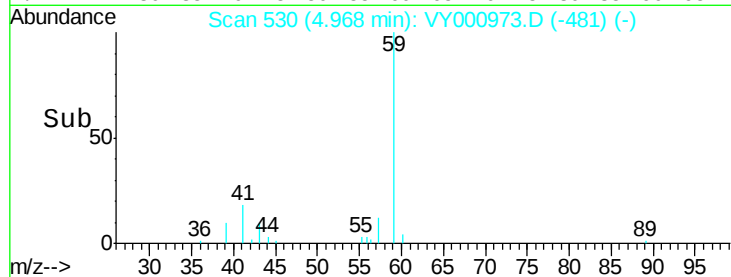
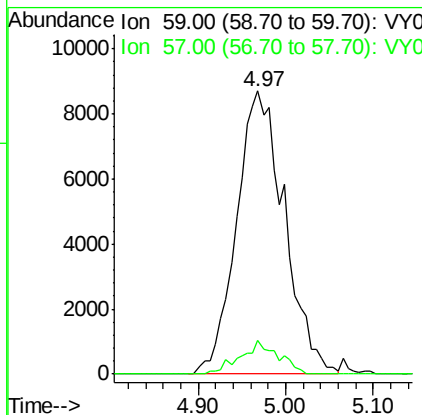
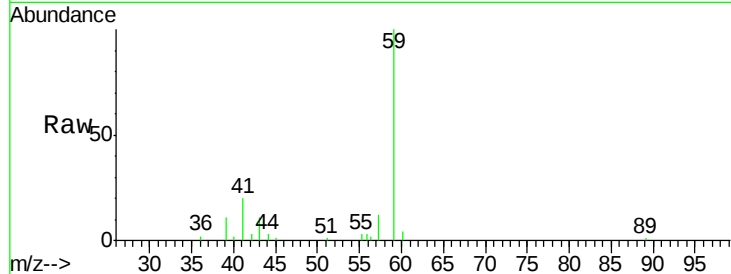
Tert butyl alcohol
 Concen: 109.238 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.8	11.6

Manual Integrations
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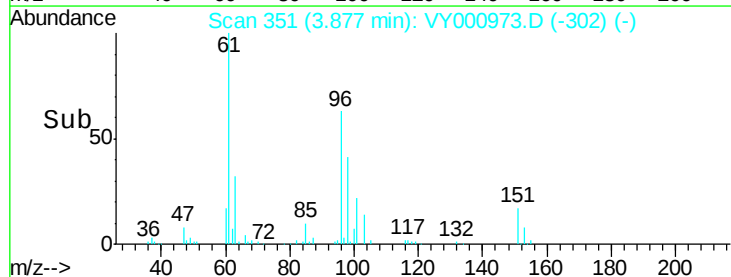
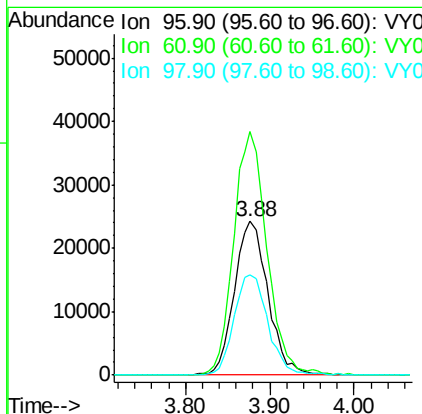
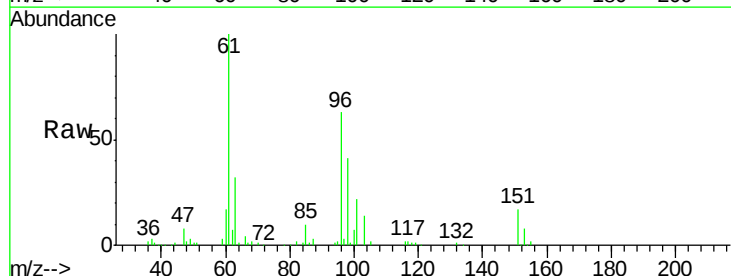
MMDadoda
 12/18/2019 1:02:00 PM

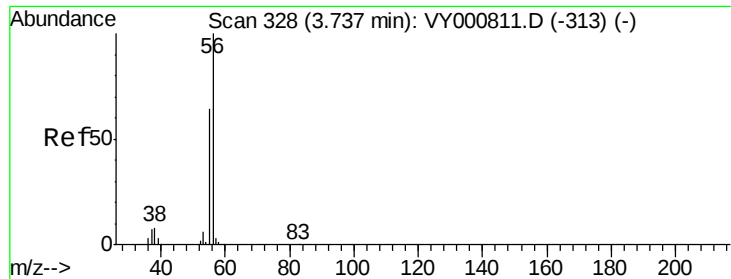


#12

1,1-Dichloroethene
 Concen: 20.998 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.3	129.4	194.2
98	65.0	53.4	80.0





#13

Acrolein

Concen: 95.637 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 56 Resp: 28645

Ion Ratio Lower Upper

56 100

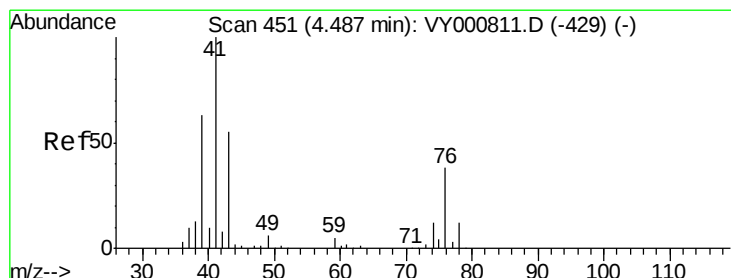
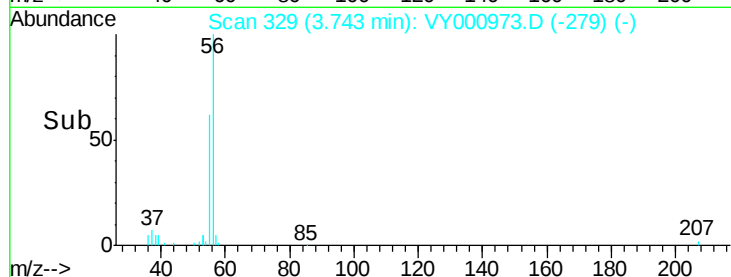
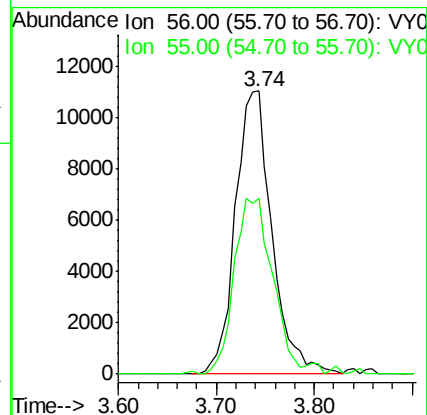
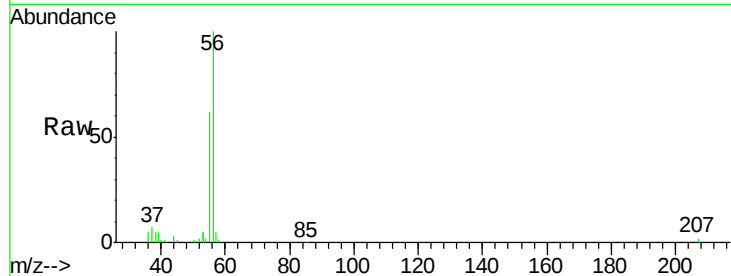
55 65.1 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 20.471 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

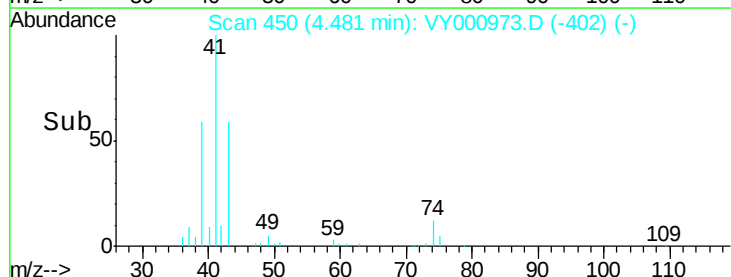
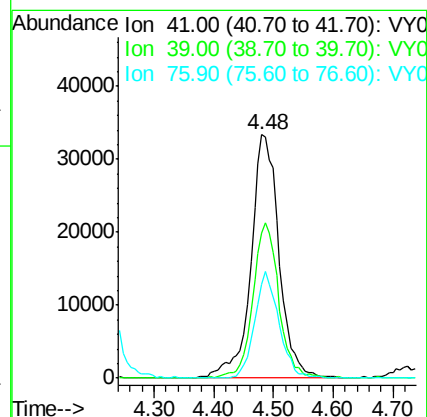
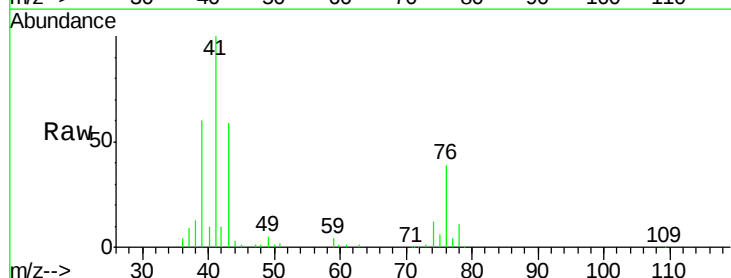
Tgt Ion: 41 Resp: 109465

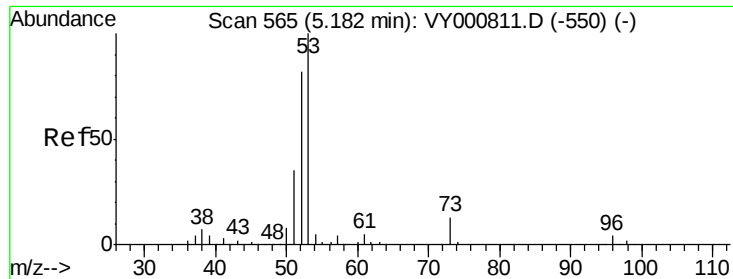
Ion Ratio Lower Upper

41 100

39 58.9 49.2 73.8

76 37.7 29.2 43.8





#15

Acrylonitrile

Concen: 109.894 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

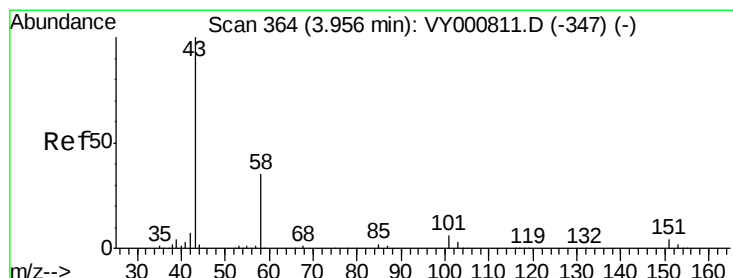
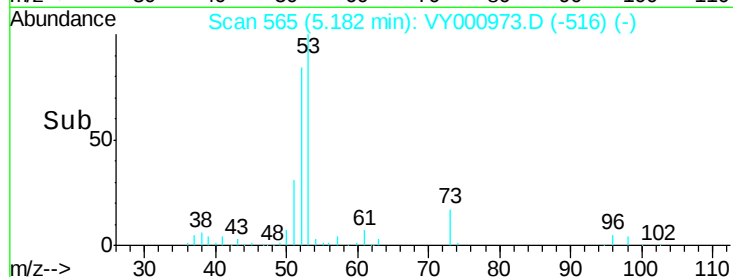
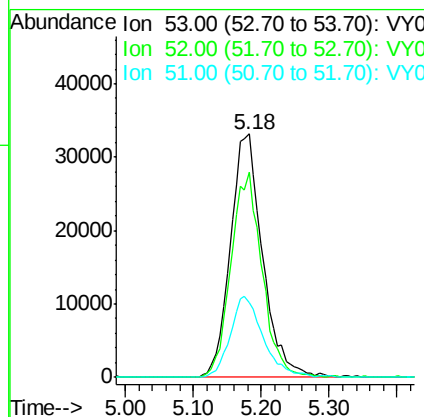
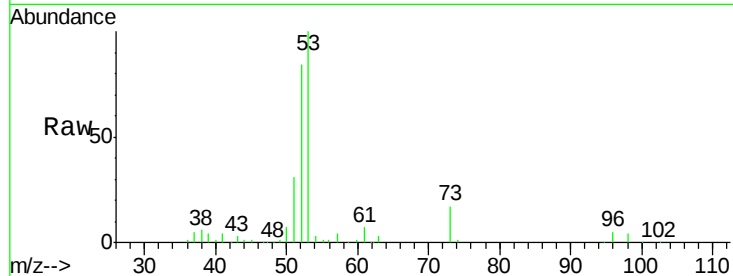
ClientSampleId :

VY1217SBS01

Tot Ion:	53	Resp:	108872
Ion Ratio	Lower	Upper	
53	100		
52	81.2	65.1	97.7
51	33.9	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 110.606 ug/l

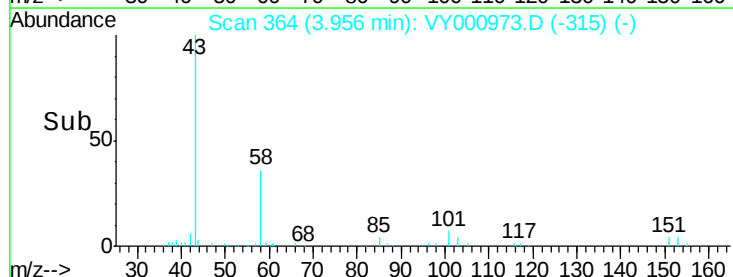
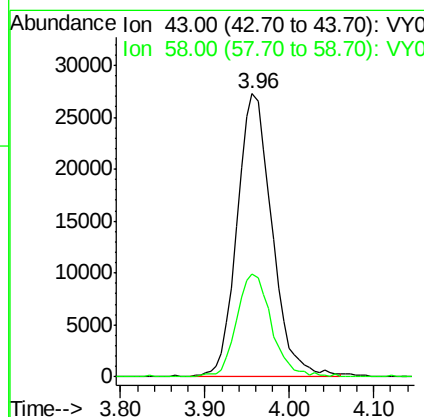
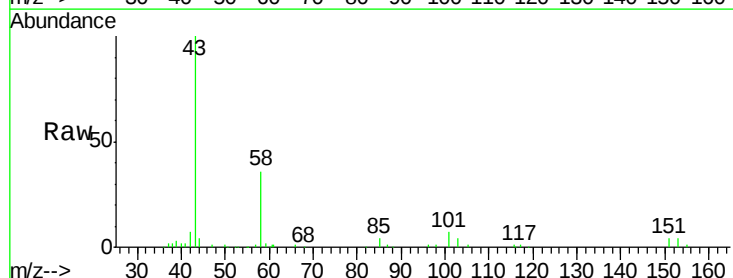
RT: 3.96 min Scan# 364

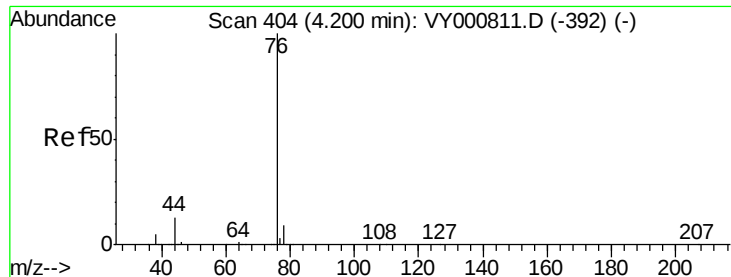
Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Tgt Ion:	43	Resp:	76683
Ion Ratio	Lower	Upper	
43	100		
58	36.2	28.0	42.0





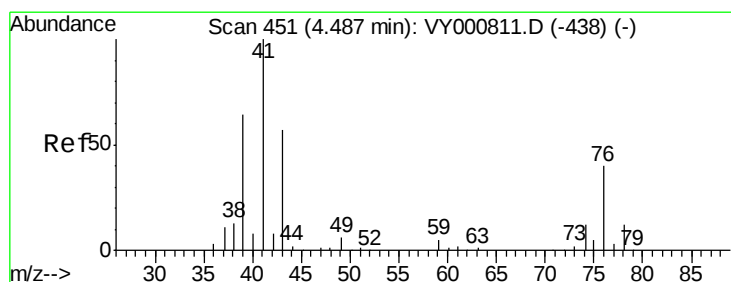
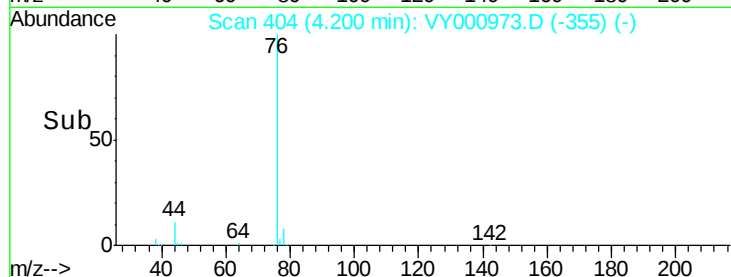
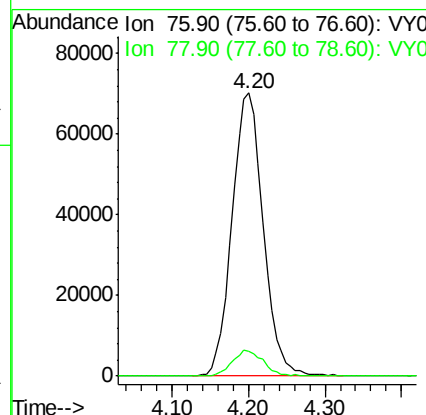
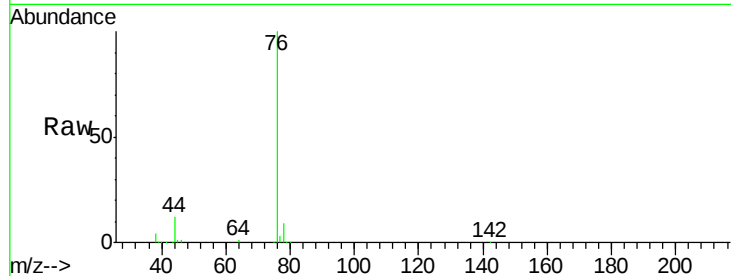
#17
Carbon Disulfide
Concen: 19.647 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

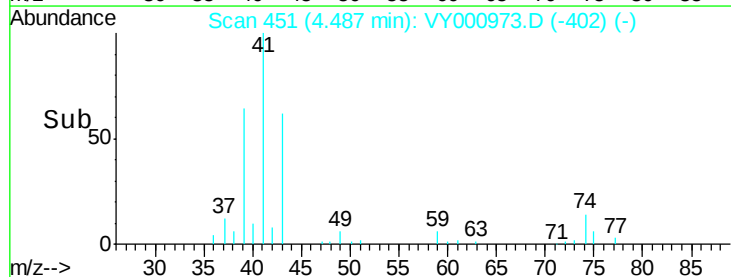
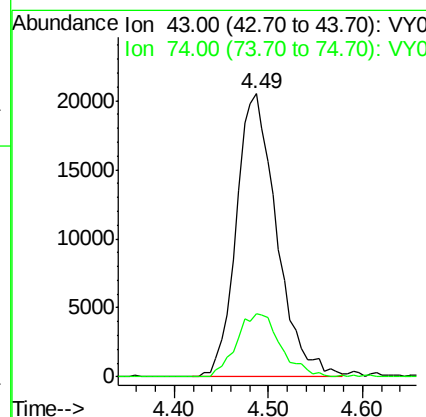
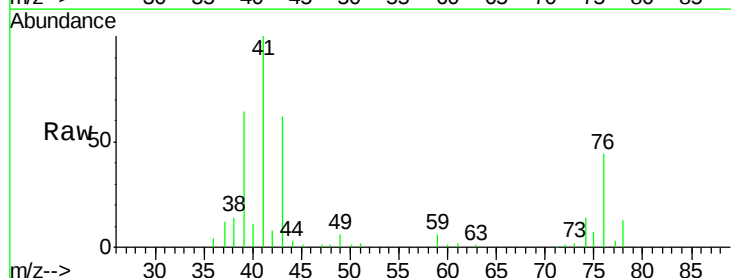
Manual Integrations
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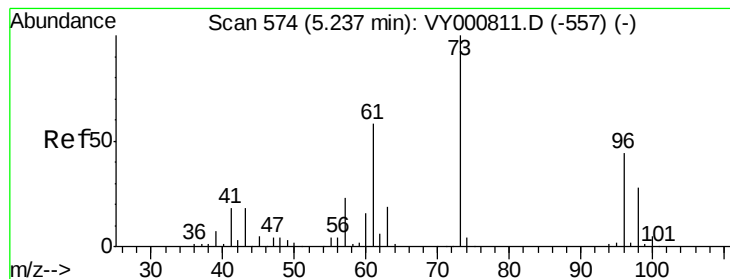
MMDadoda
12/18/2019 1:02:00 PM



#18
Methyl Acetate
Concen: 21.130 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.5	27.7





#19

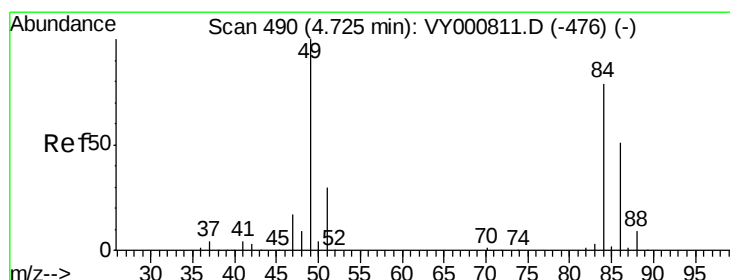
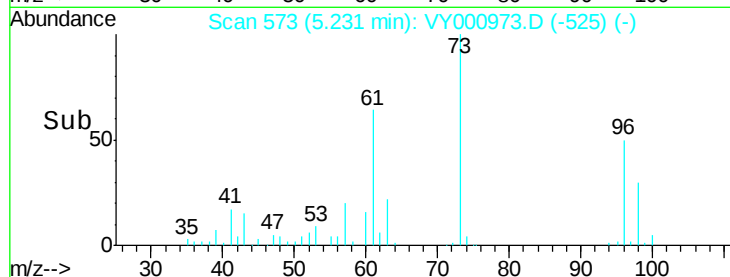
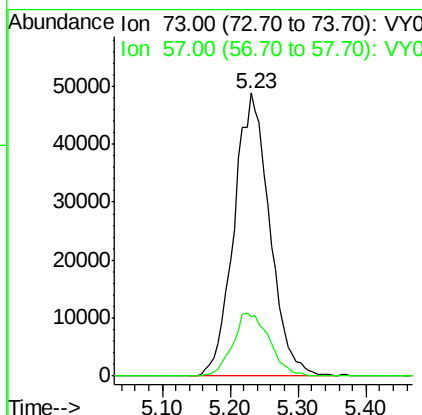
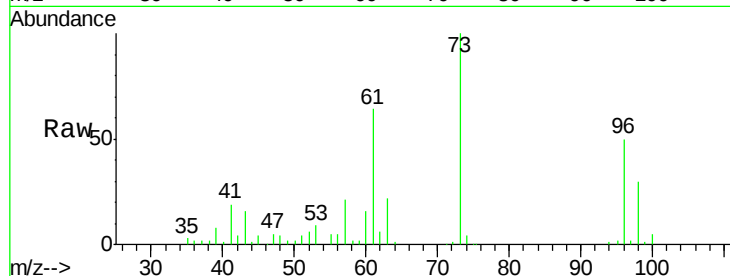
Methyl tert-butyl Ether
 Concen: 21.375 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	18.2	27.4

Manual Integrations
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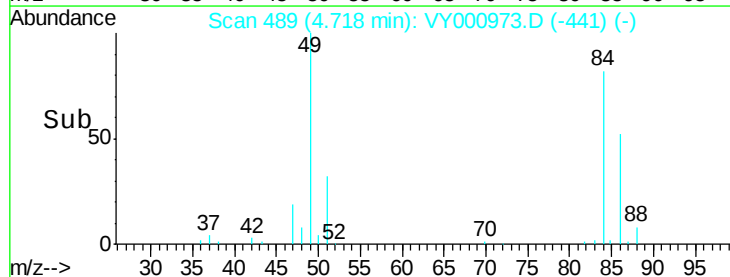
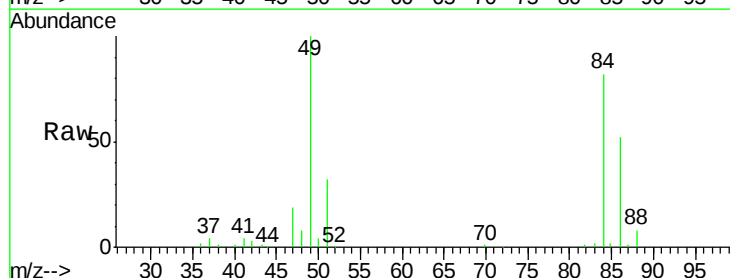
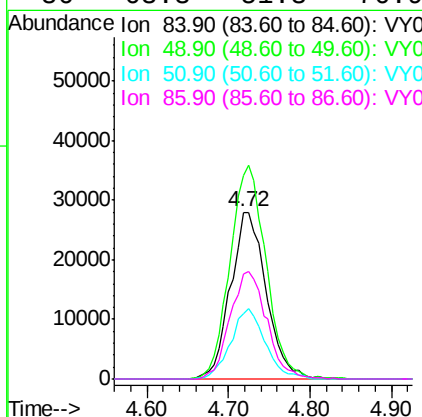
MMDadoda
 12/18/2019 1:02:00 PM

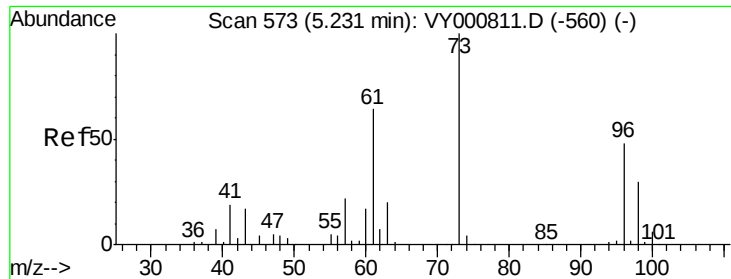


#20

Methylene Chloride
 Concen: 23.186 ug/l
 RT: 4.72 min Scan# 489
 Delta R.T. -0.01 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	101.3	151.9
51	39.4	30.6	45.8
86	63.3	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 20.804 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 96 Resp: 73742

Ion Ratio Lower Upper

96 100

61 128.5 105.9 158.9

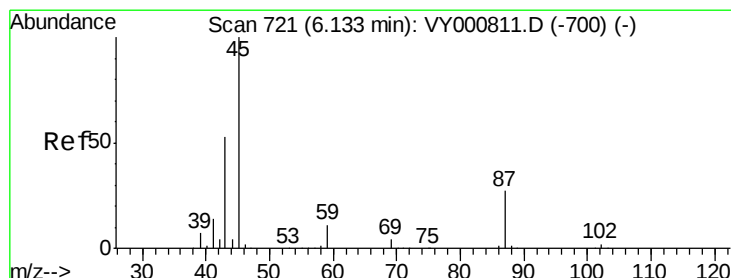
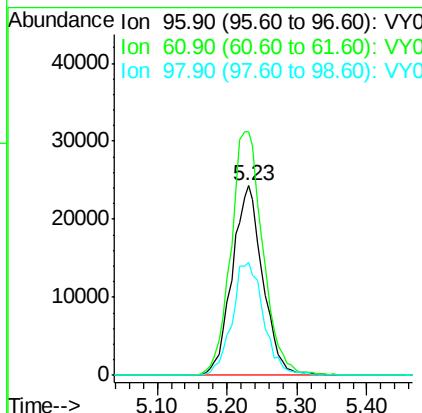
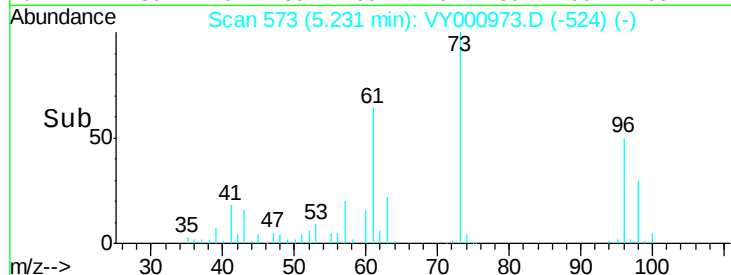
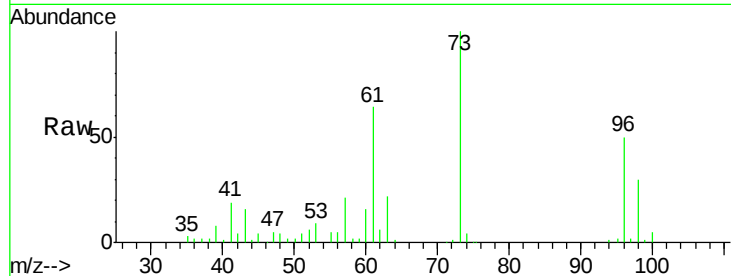
98 59.8 49.4 74.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 21.032 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Tgt Ion: 45 Resp: 231148

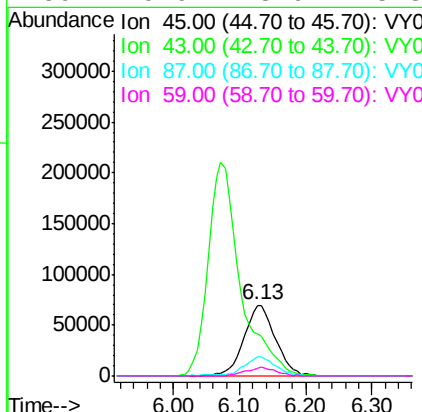
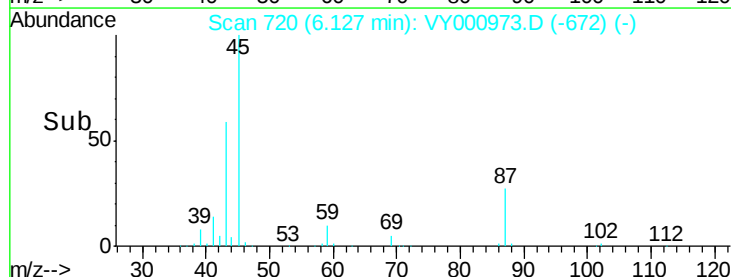
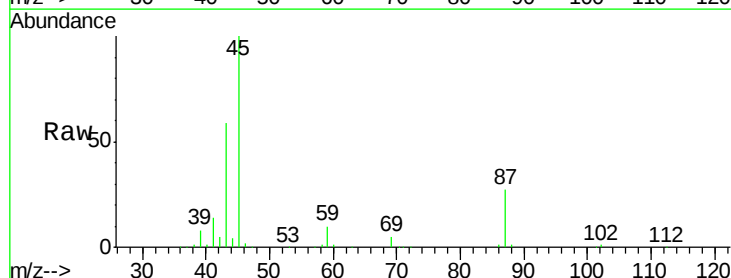
Ion Ratio Lower Upper

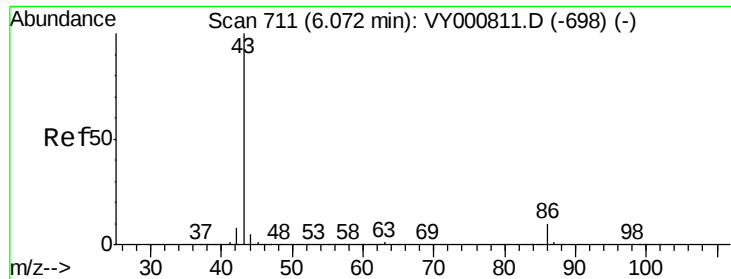
45 100

43 58.7 42.7 64.1

87 26.6 22.0 33.0

59 9.9 8.9 13.3





#23

Vinyl Acetate

Concen: 107.086 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 43 Resp: 715481

Ion Ratio Lower Upper

43 100

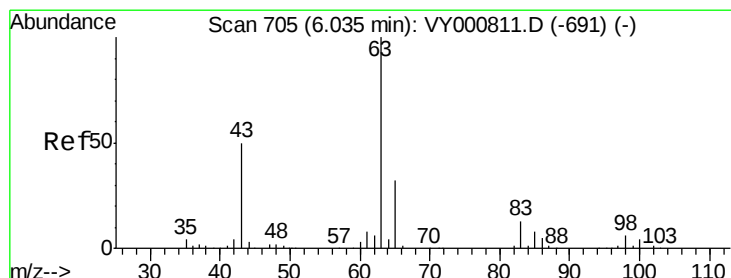
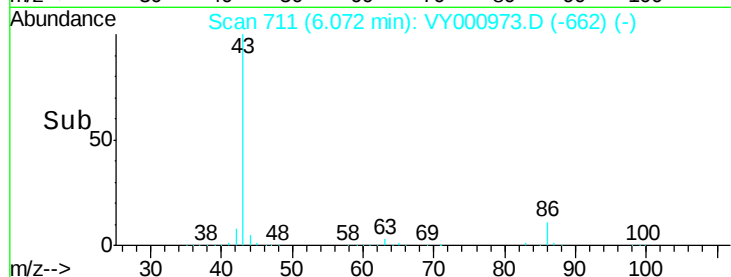
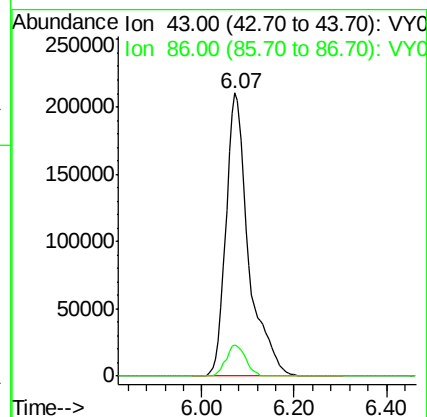
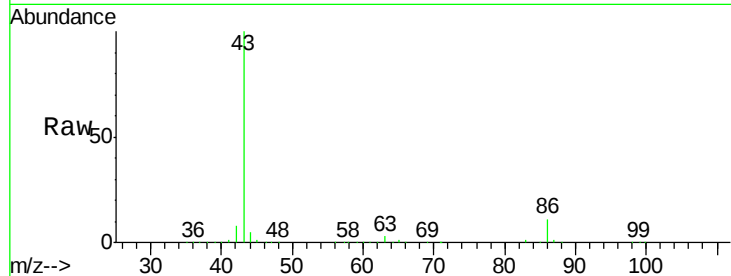
86 11.0 8.3 12.5

Manual Integrations

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MMDadoda

12/18/2019 1:02:00 PM



#24

1,1-Dichloroethane

Concen: 20.832 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

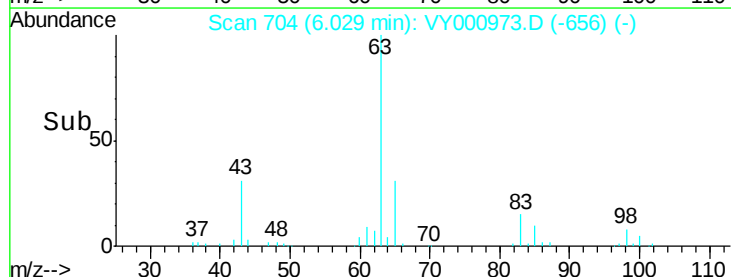
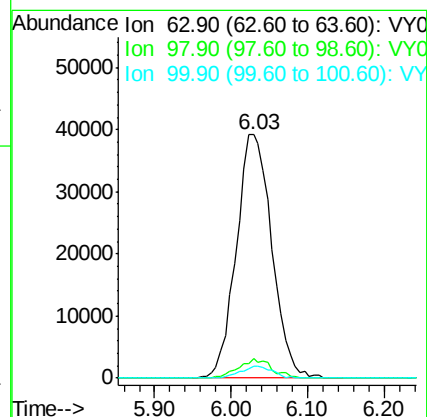
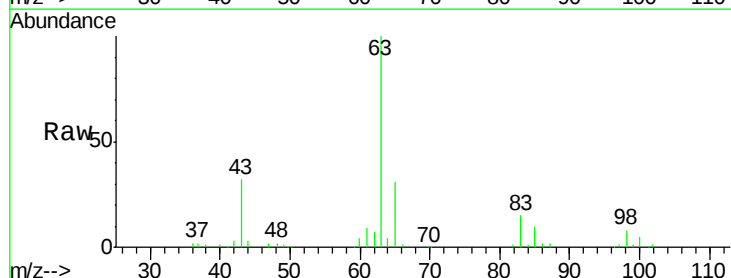
Tgt Ion: 63 Resp: 126188

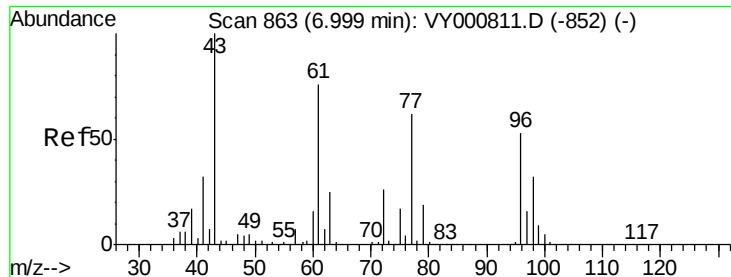
Ion Ratio Lower Upper

63 100

98 7.9 3.3 9.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 104.260 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 43 Resp: 133526

Ion Ratio Lower Upper

43 100

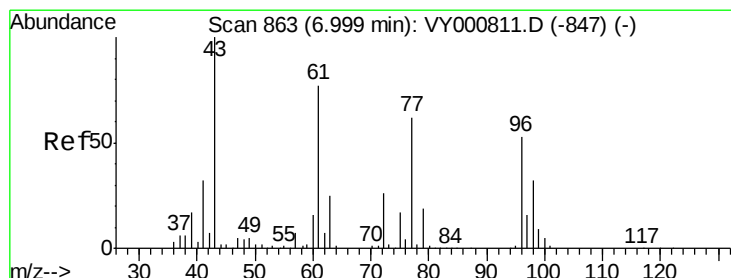
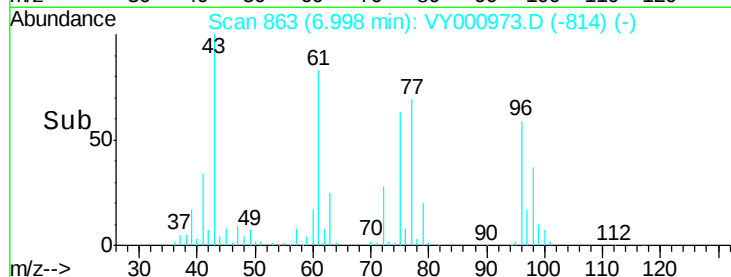
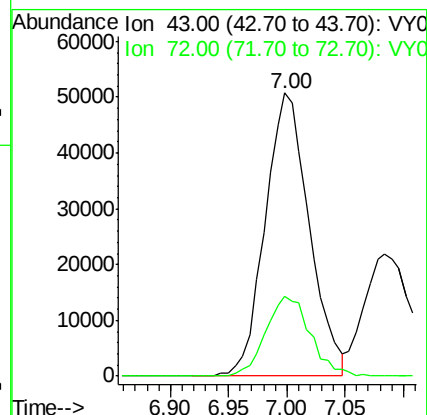
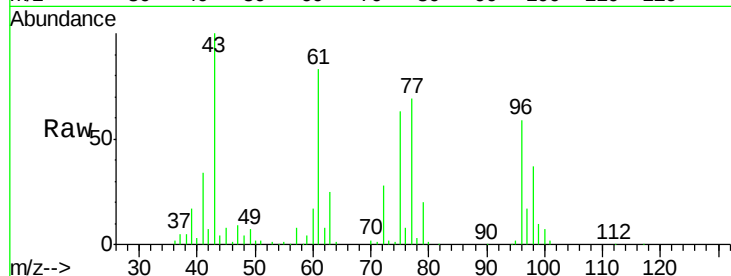
72 28.3 21.0 31.4

Manual Integrations

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MMDadoda

12/18/2019 1:02:00 PM



#26

2,2-Dichloropropane

Concen: 20.624 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000973.D

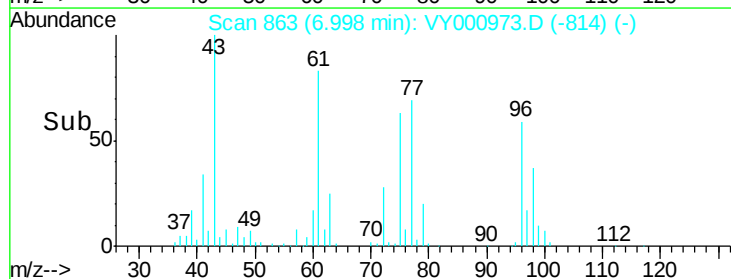
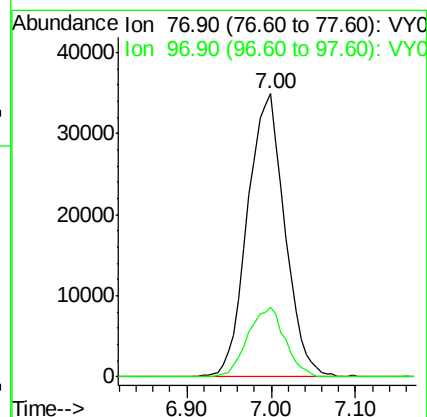
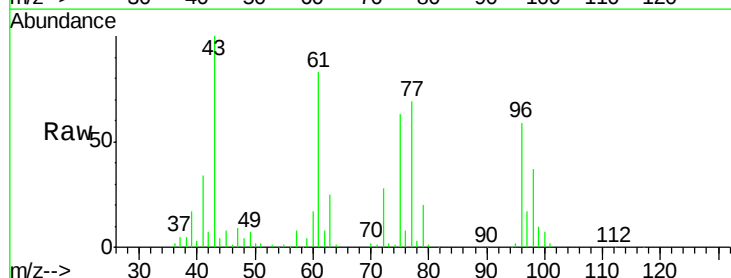
Acq: 17 Dec 2019 13:14

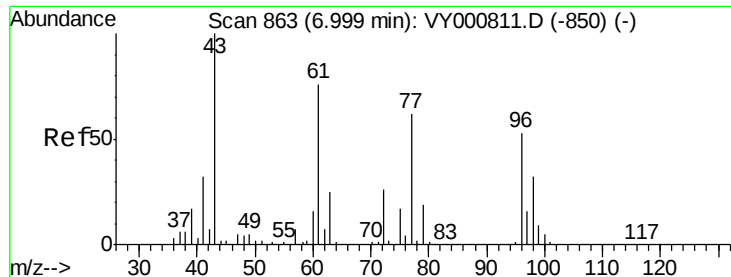
Tgt Ion: 77 Resp: 105144

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





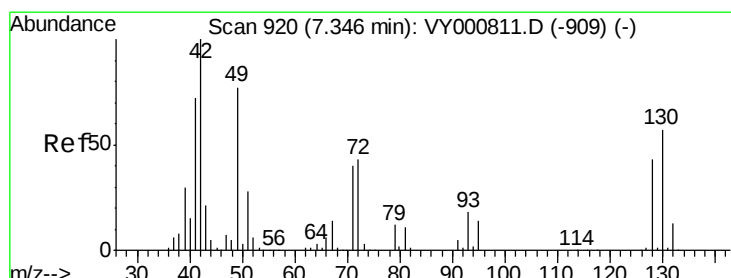
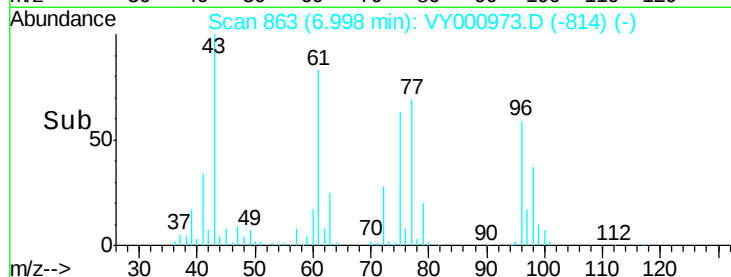
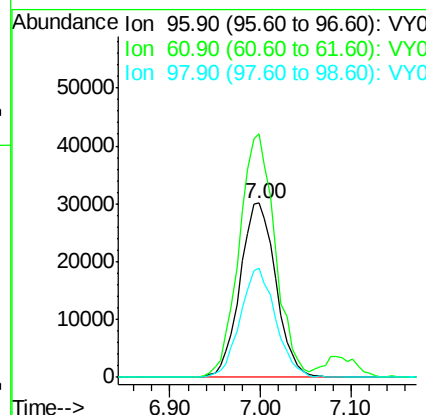
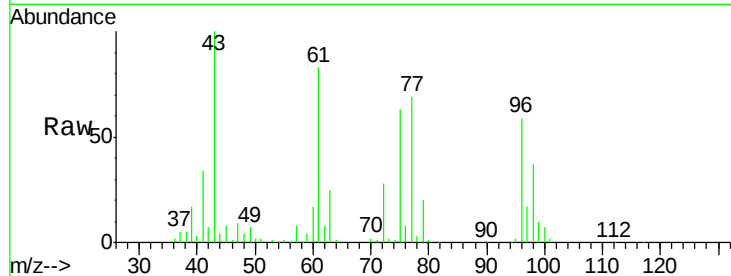
#27
 cis-1,2-Dichloroethene
 Concen: 21.545 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.2	0.0	285.0
98	62.0	0.0	128.0

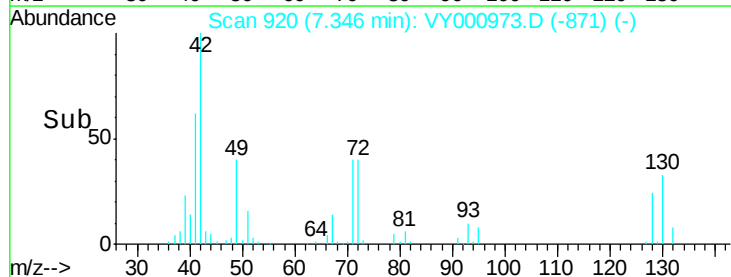
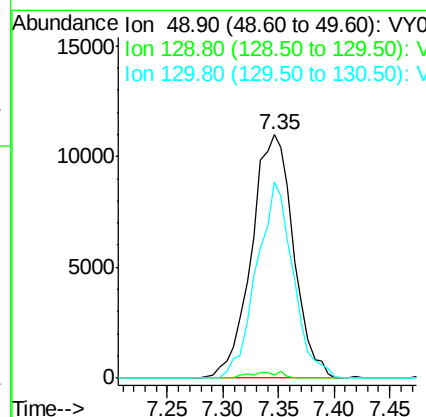
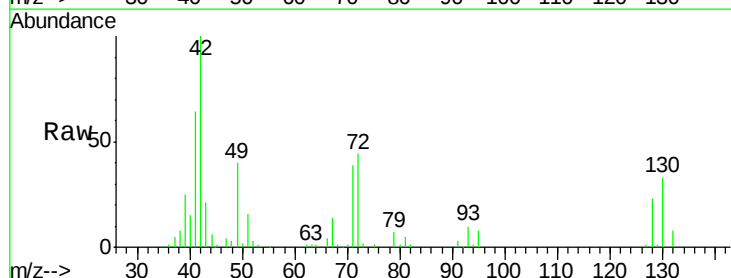
Manual Integrations
 APPROVED

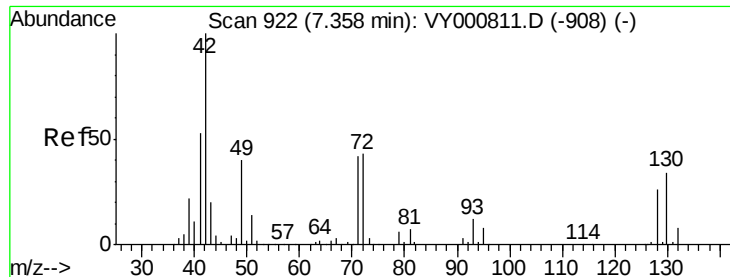
MMDadoda
 12/18/2019 1:02:00 PM



#28
 Bromochloromethane
 Concen: 14.446 ug/l
 RT: 7.35 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	70.5	58.7	88.1





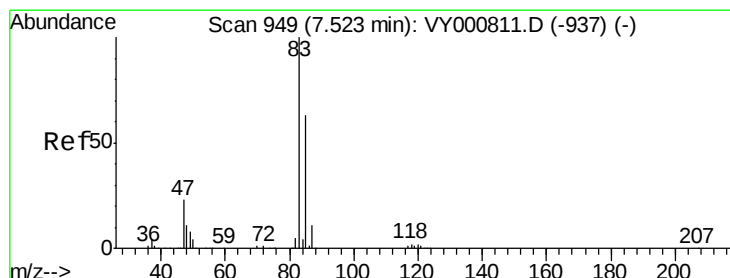
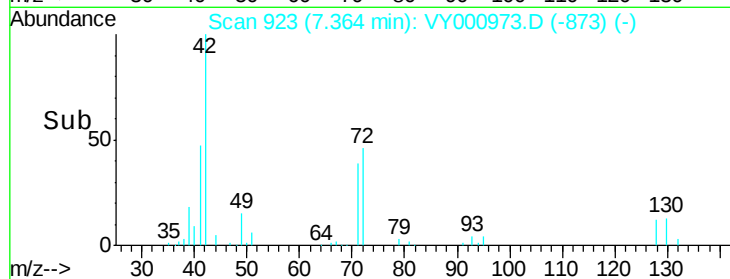
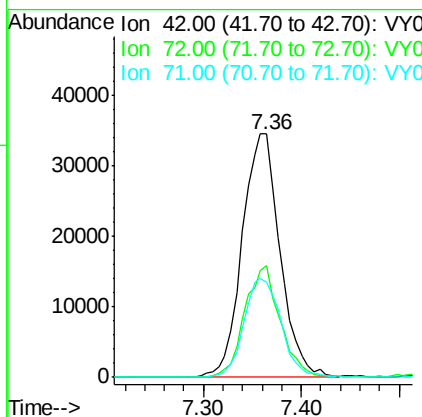
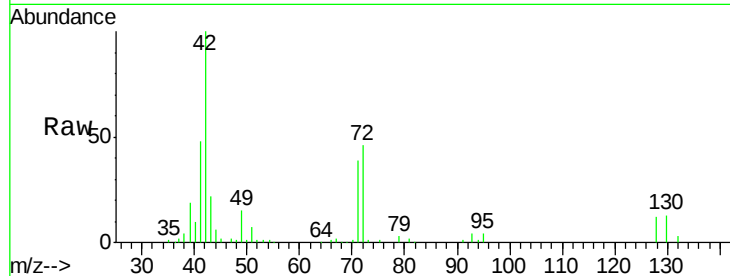
#29
Tetrahydrofuran
Concen: 109.247 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	35.1	52.7
71	40.1	32.8	49.2

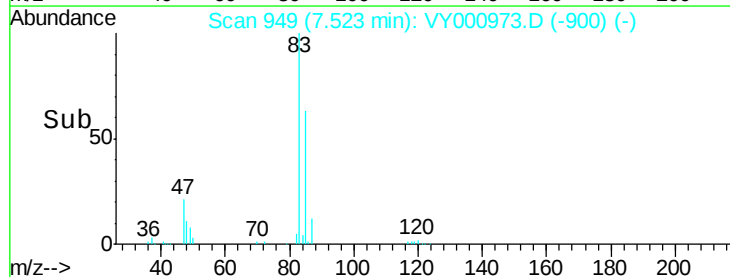
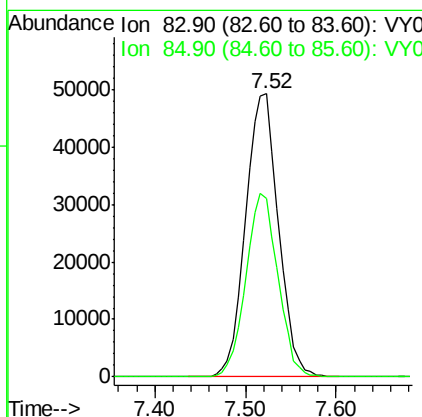
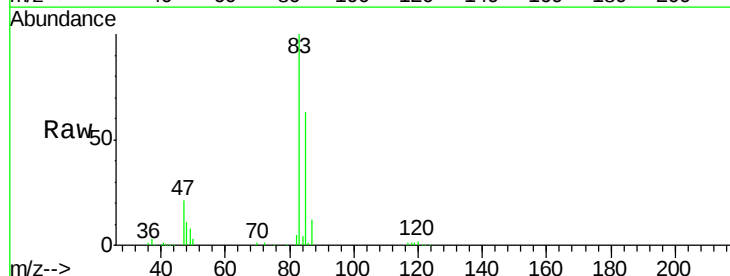
Manual Integrations
APPROVED

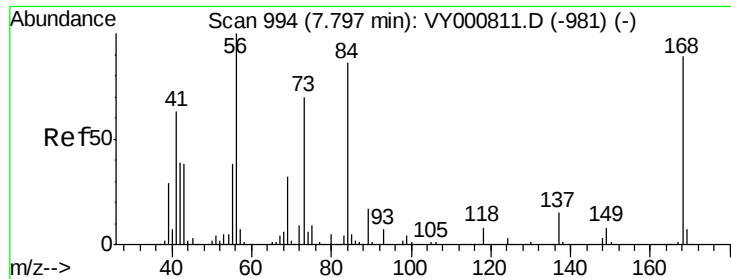
MMDadoda
12/18/2019 1:02:00 PM



#30
Chloroform
Concen: 20.279 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.4	75.6





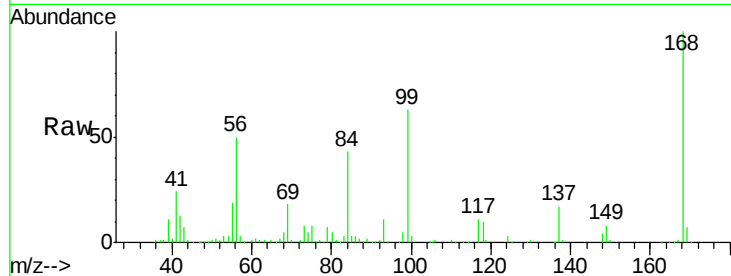
#31
Cyclohexane
Concen: 20.055 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	25.9	38.9
84	84.6	68.6	102.8

Manual Integrations
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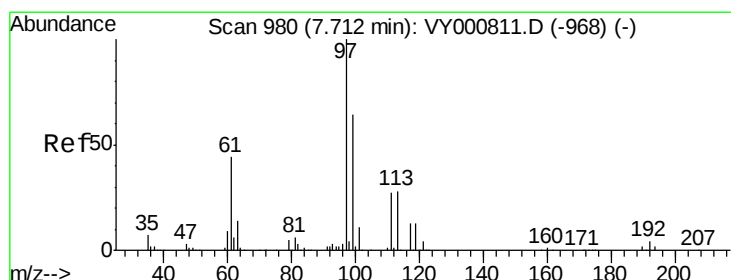
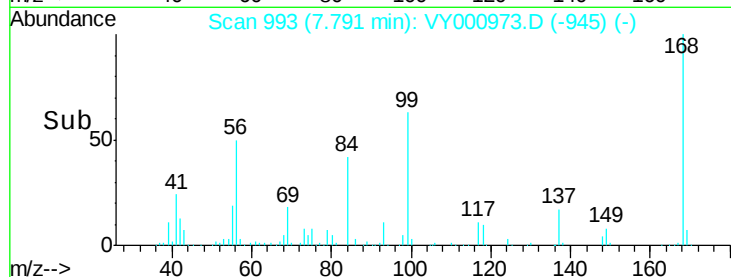
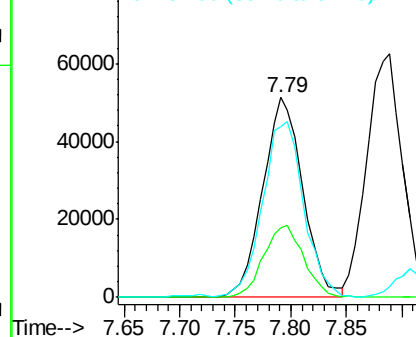


Abundance

Ion 56.00 (55.70 to 56.70): VY0

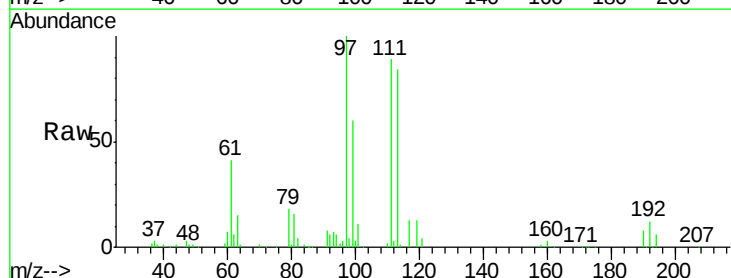
Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32
1,1,1-Trichloroethane
Concen: 20.537 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.7	77.5
61	41.9	35.0	52.6

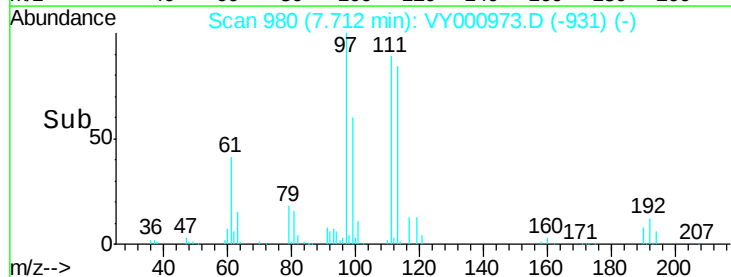
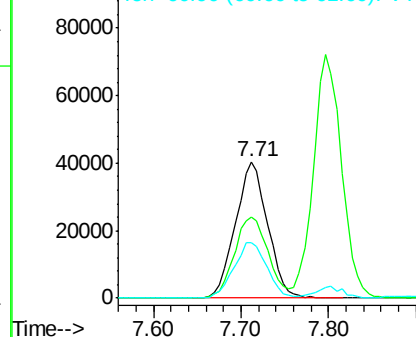


Abundance

Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0





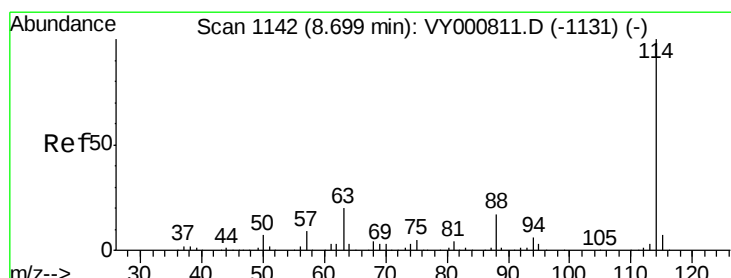
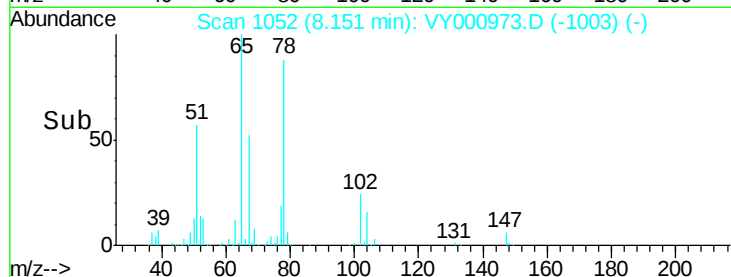
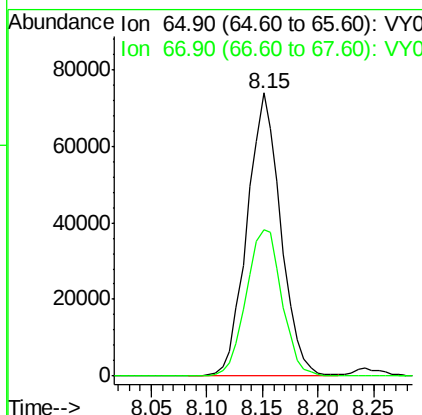
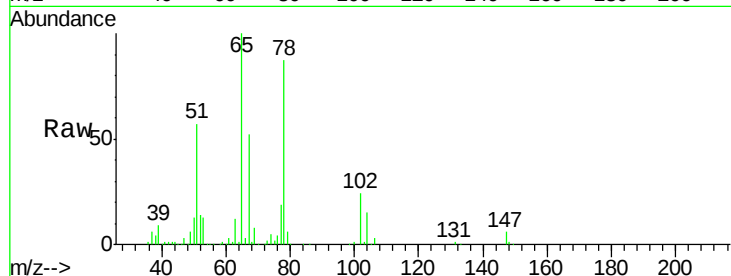
#33
 1,2-Dichloroethane-d4
 Concen: 51.473 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155562		
67	54.8	0.0	112.0	

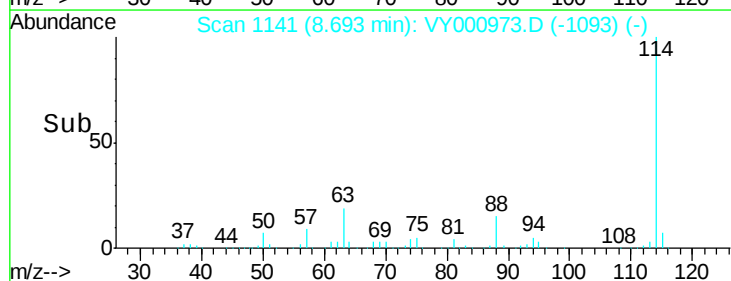
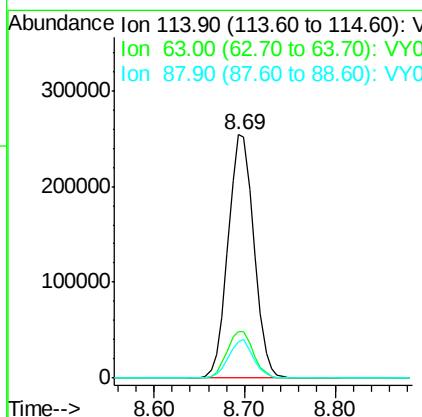
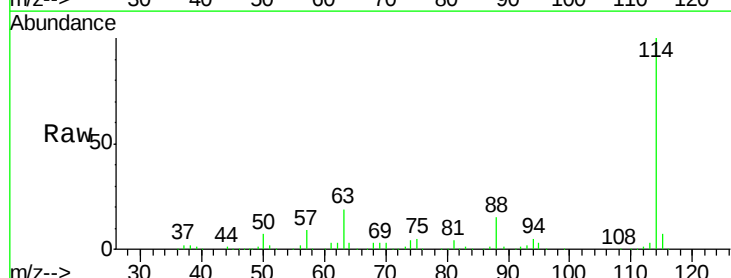
Manual Integrations
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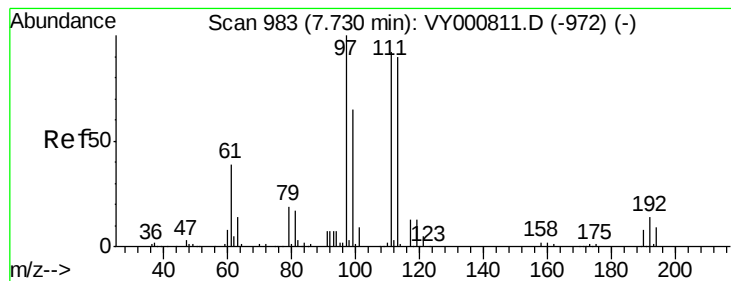
MMDadoda
 12/18/2019 1:02:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	502200		
63	19.3	0.0	39.8	
88	15.1	0.0	33.2	





#35

Dibromofluoromethane

Concen: 52.183 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

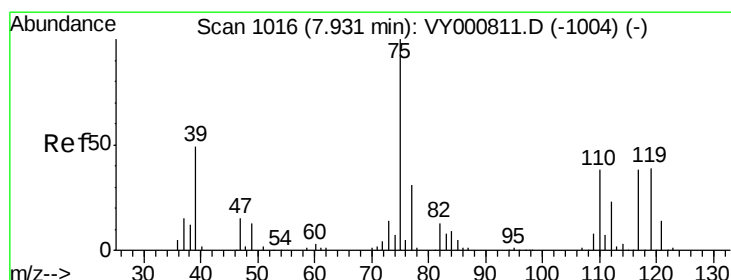
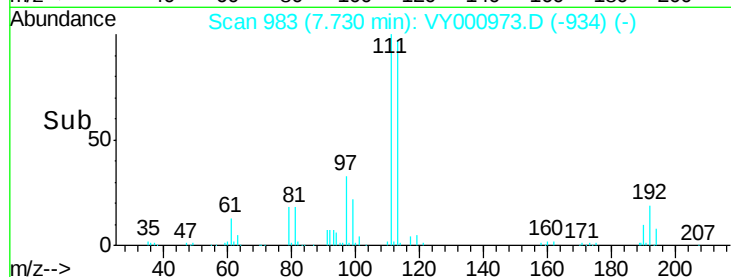
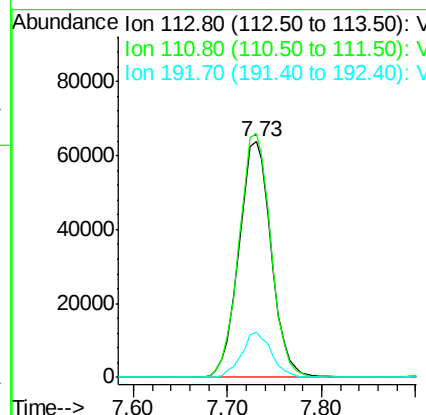
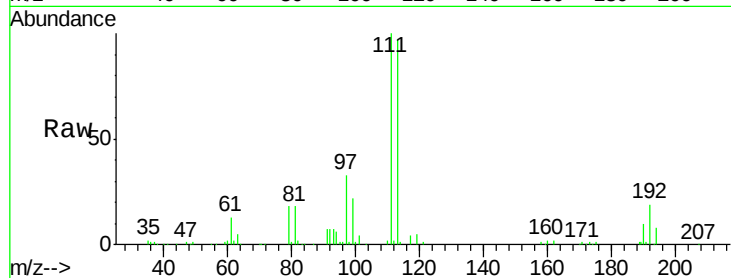
ClientSampleId :

VY1217SBS01

Tot Ion:	113	Resp:	152731
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.4	123.6
192	17.8	14.2	21.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.118 ug/l

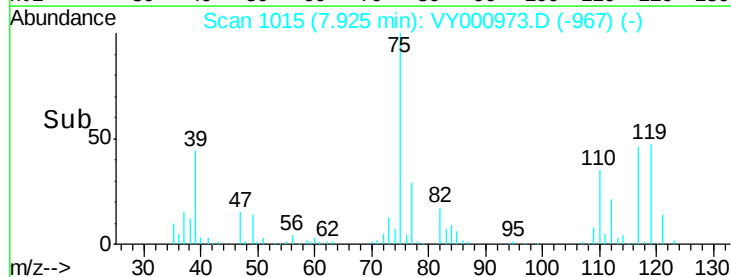
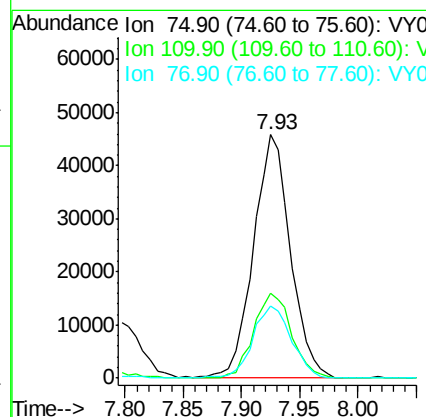
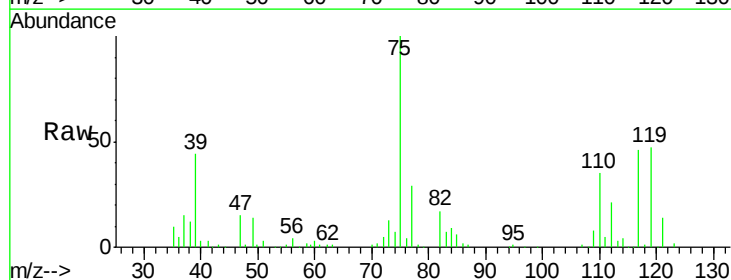
RT: 7.93 min Scan# 1015

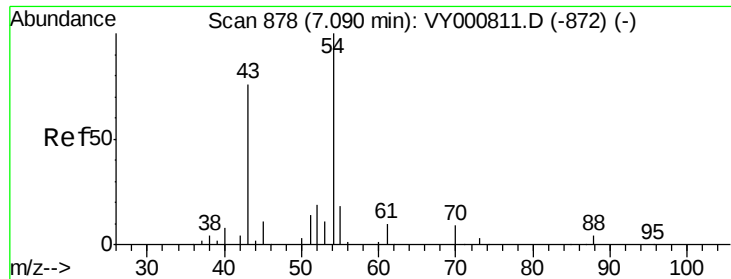
Delta R.T. -0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Tgt Ion:	75	Resp:	100455
Ion	Ratio	Lower	Upper
75	100		
110	36.0	17.9	53.7
77	31.2	24.7	37.1





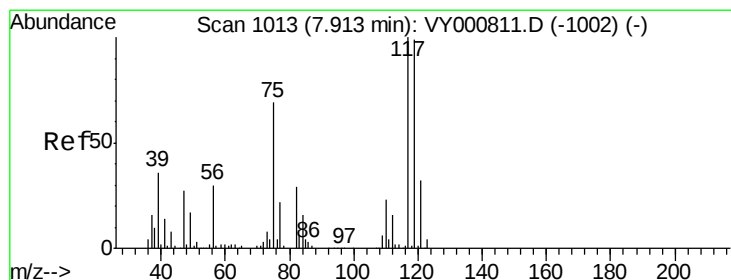
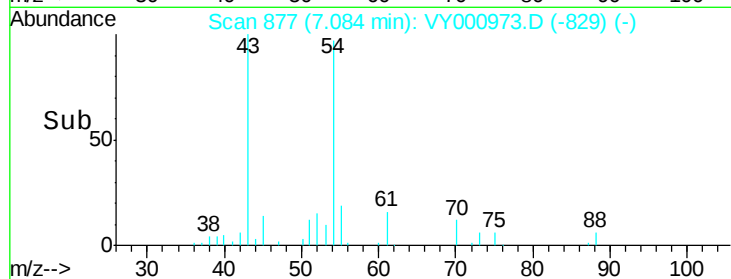
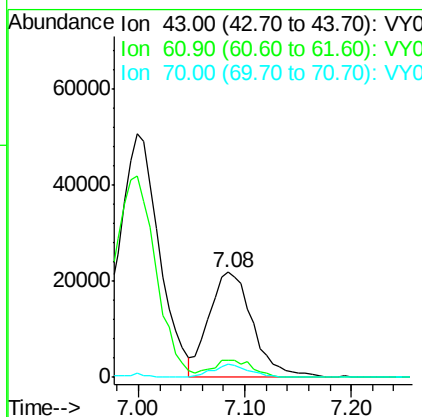
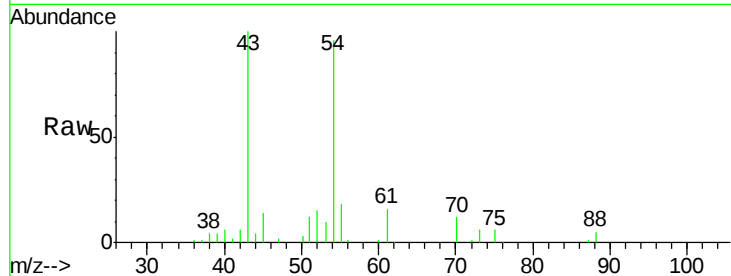
#37
Ethyl Acetate
Concen: 21.422 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	15.7	11.8	17.8	
70	10.3	8.7	13.1	

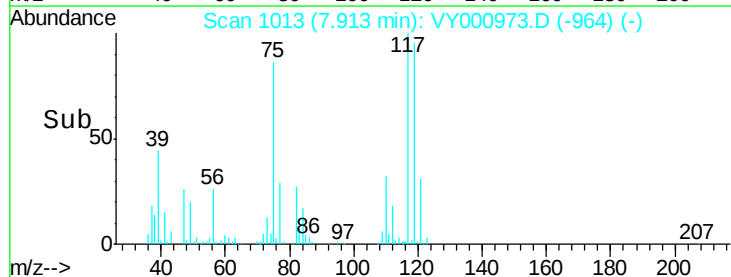
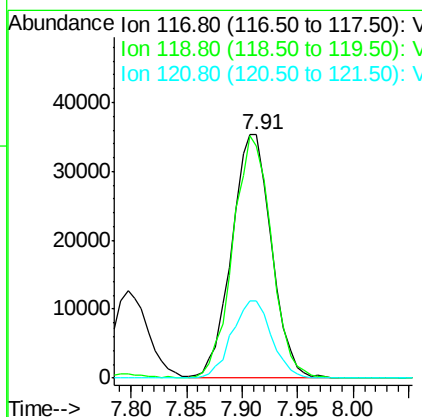
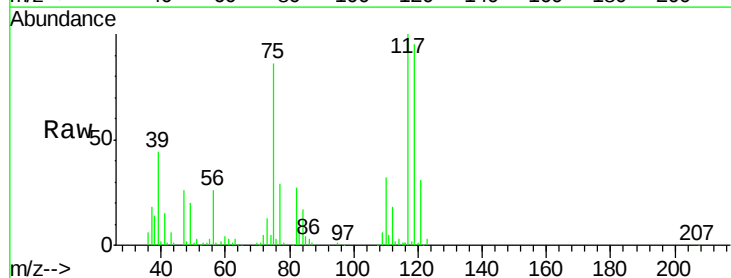
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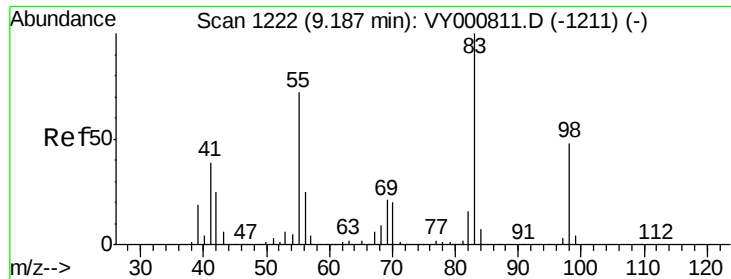
MMDadoda
12/18/2019 1:02:00 PM



#38
Carbon Tetrachloride
Concen: 19.741 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	95.4	79.3	118.9	
121	31.5	25.5	38.3	





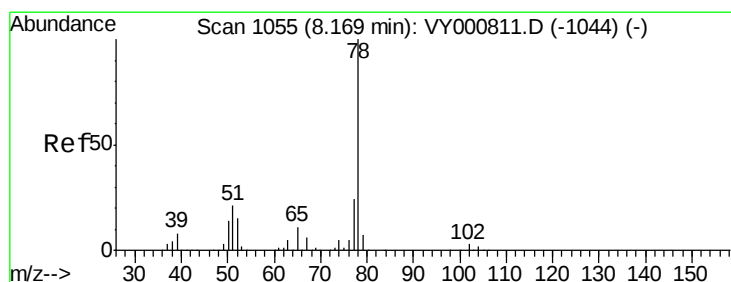
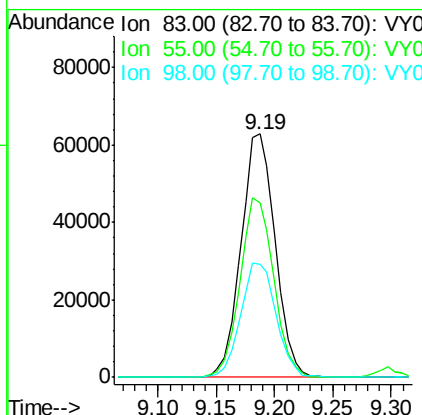
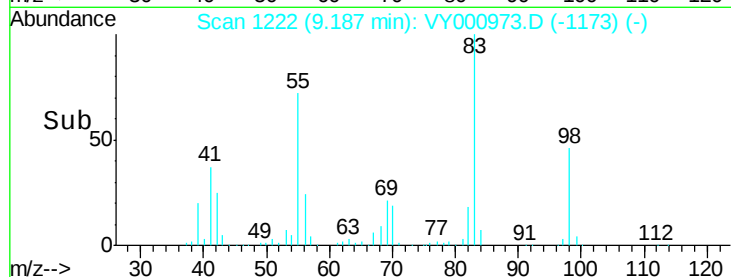
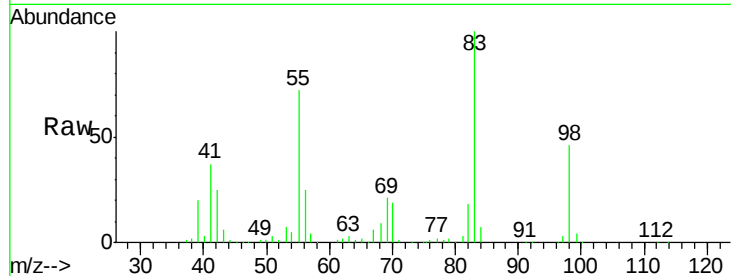
#39
Methvlcvclohexane
Concen: 19.420 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.8	86.6
98	46.3	38.6	58.0

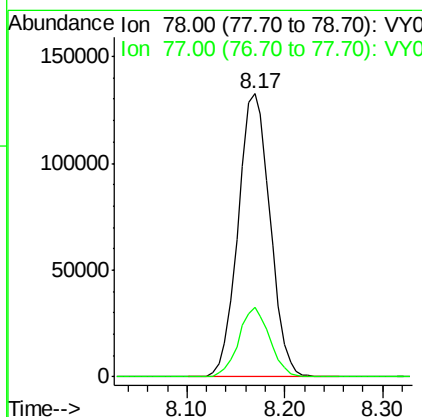
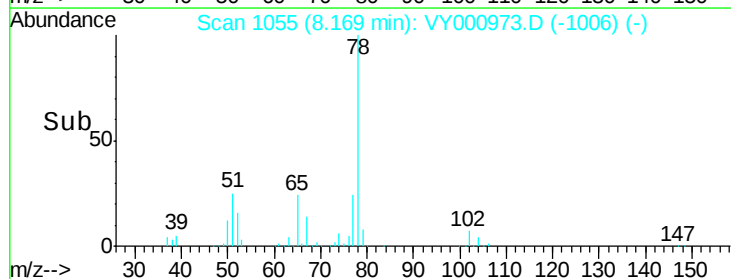
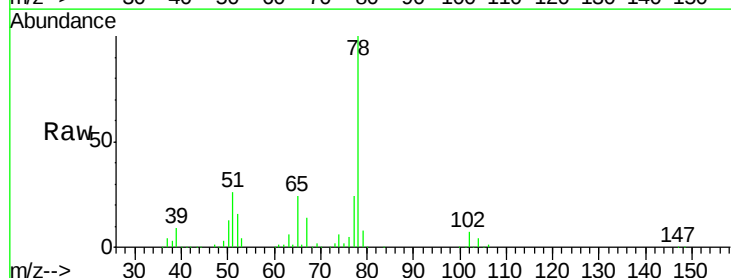
Manual Integrations
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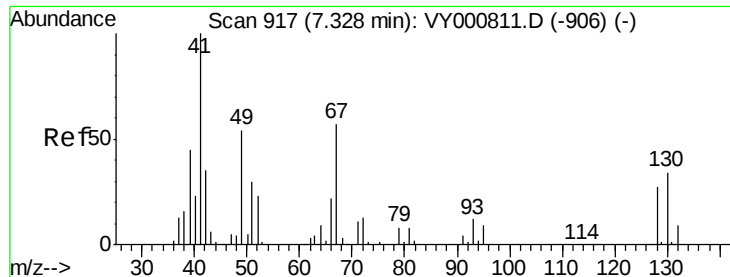
MMDadoda
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#40
Benzene
Concen: 20.664 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





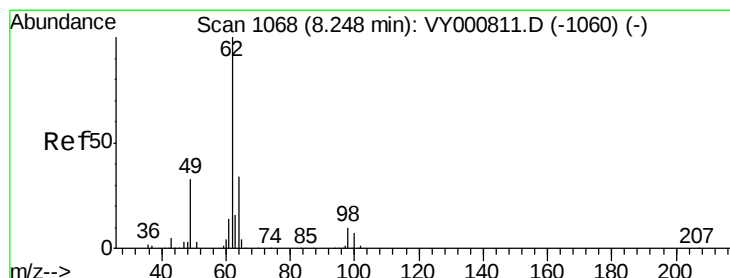
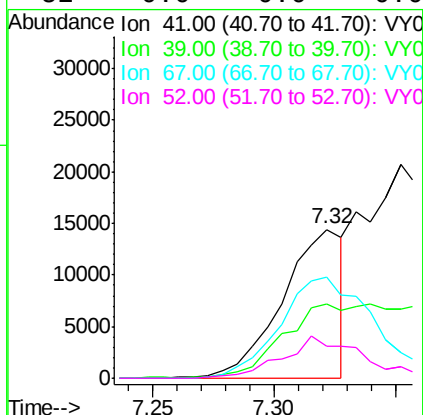
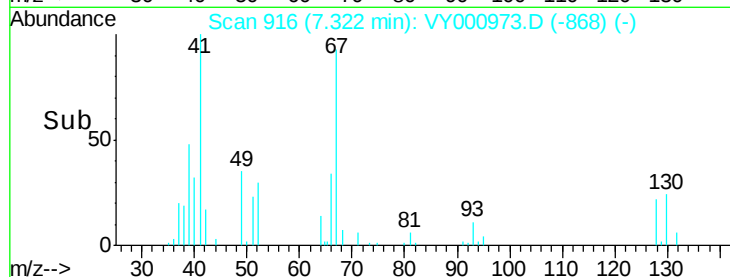
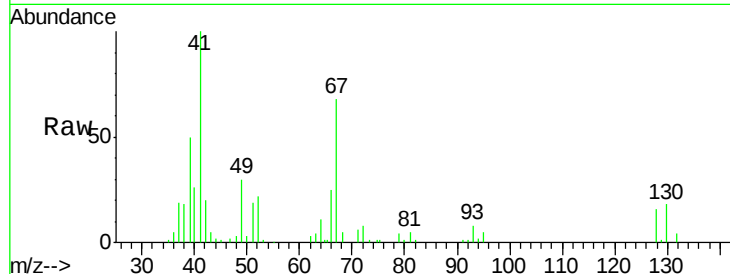
#41
Methacrylonitrile
Concen: 16.810 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion:	41	Resp:	25545
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

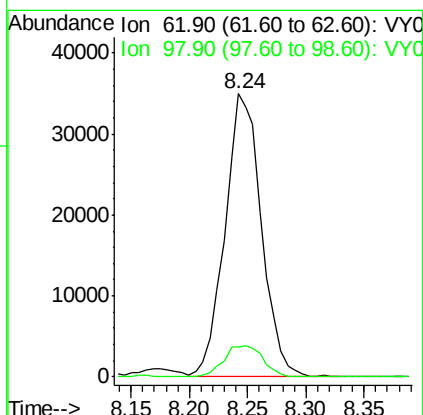
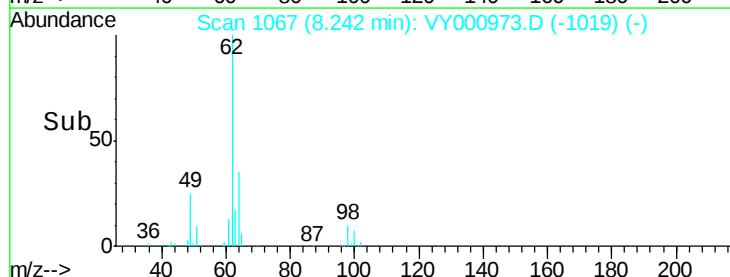
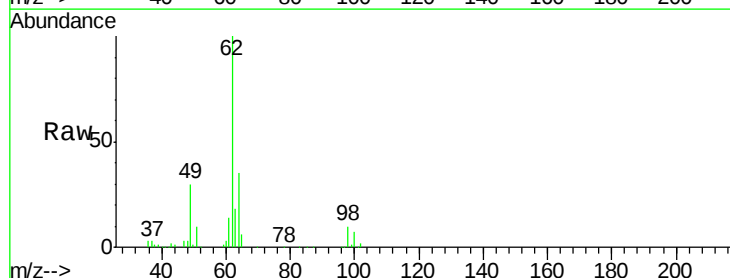
Manual Integrations
APPROVED

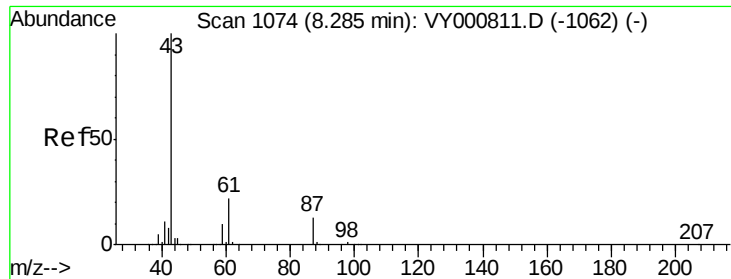
MMDadoda
12/18/2019 1:02:00 PM



#42
1,2-Dichloroethane
Concen: 19.816 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion:	62	Resp:	75797
Ion Ratio	Lower	Upper	
62	100		
98	11.8	0.0	21.4





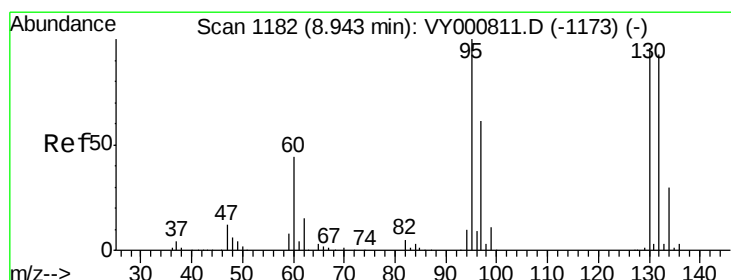
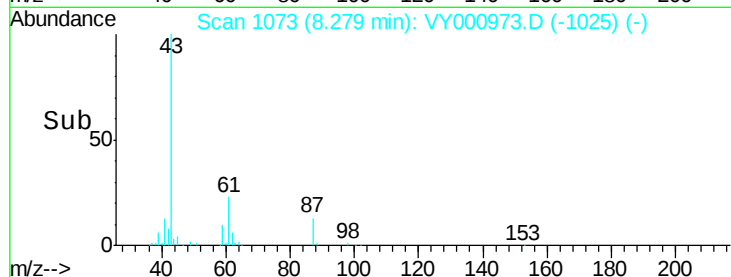
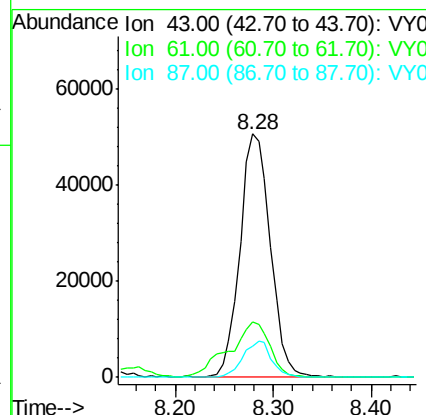
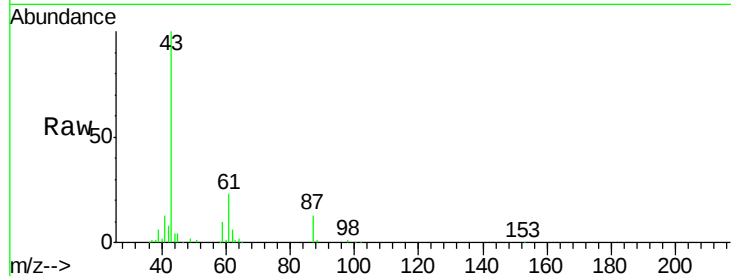
#43
Isopropyl Acetate
Concen: 20.166 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.7	35.5
87	14.1	10.6	15.8

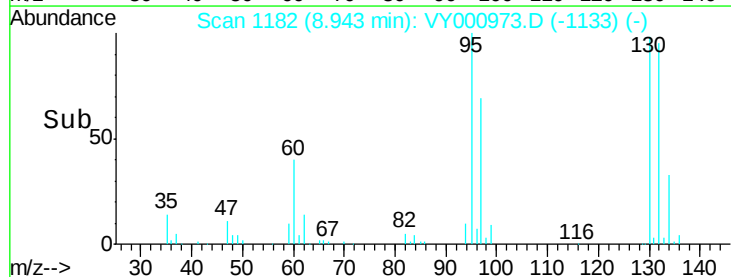
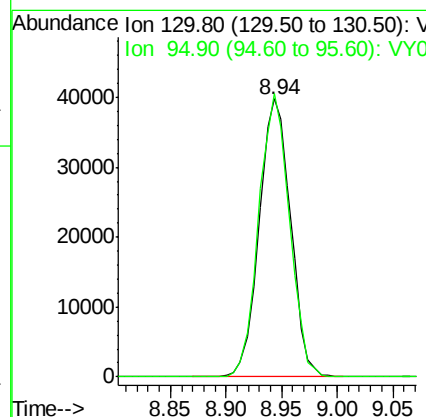
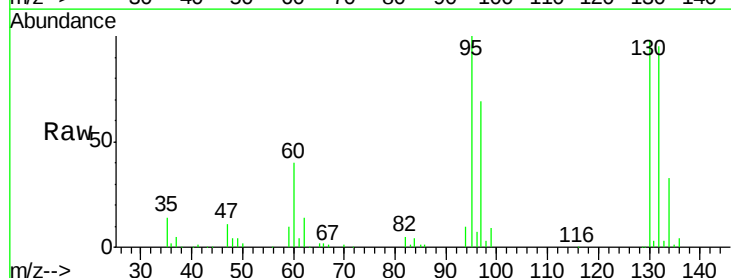
Manual Integrations
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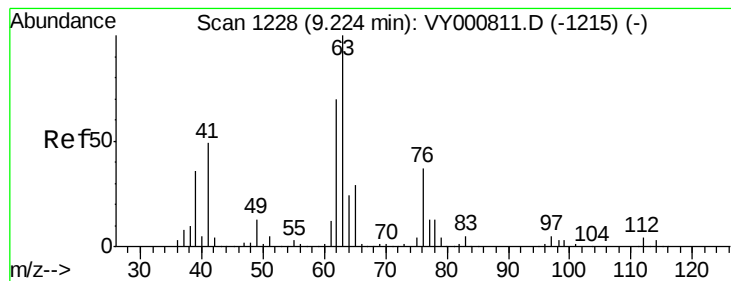
MMDadoda
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#44
Trichloroethene
Concen: 20.912 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	207.8





#45

1,2-Dichloropropane

Concen: 21.062 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 63 Resp: 76949

Ion Ratio Lower Upper

63 100

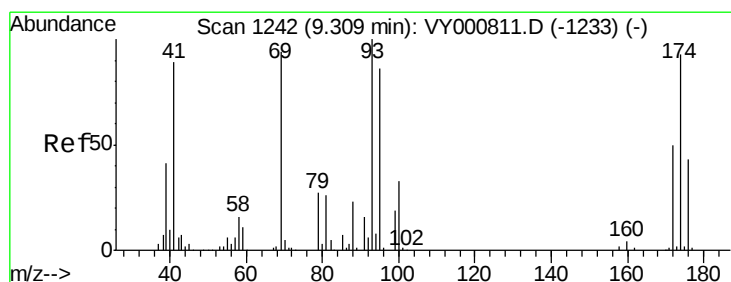
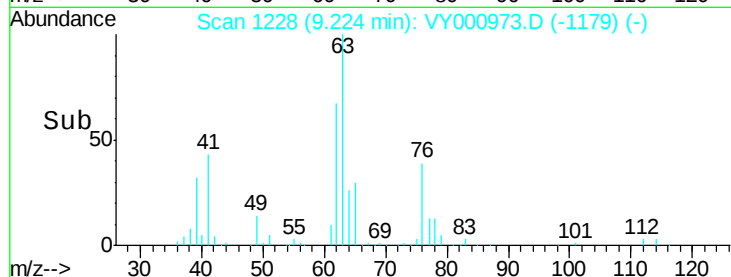
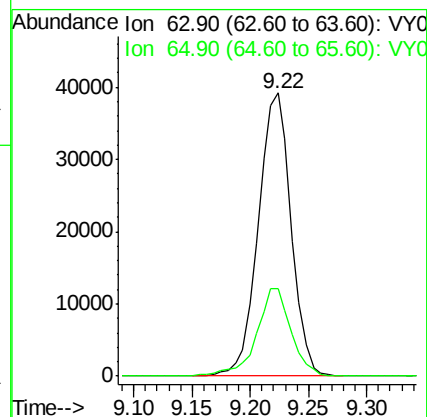
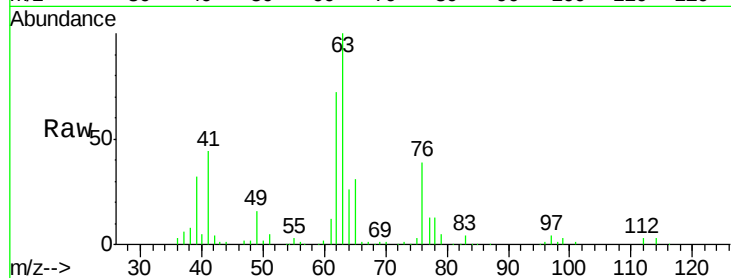
65 31.0 23.2 34.8

Manual Integrations

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#46

Dibromomethane

Concen: 21.159 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

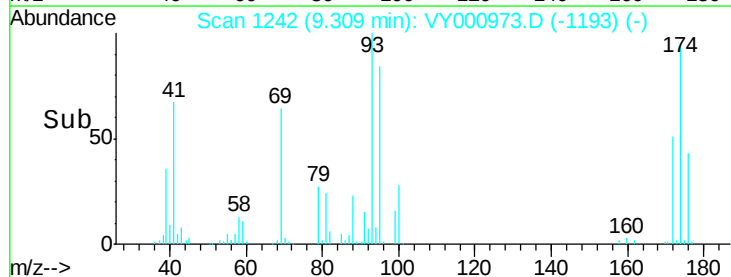
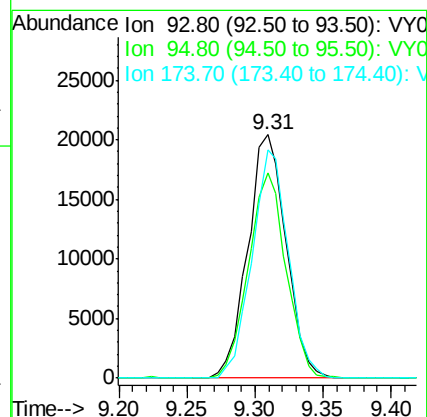
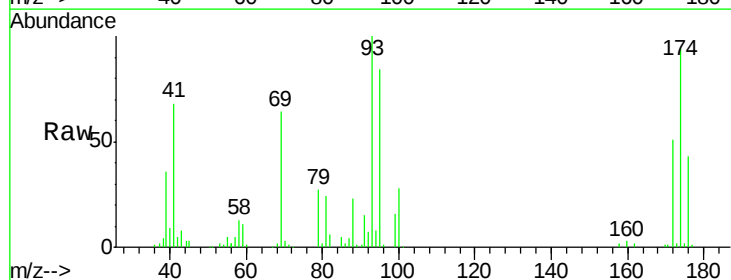
Tgt Ion: 93 Resp: 40390

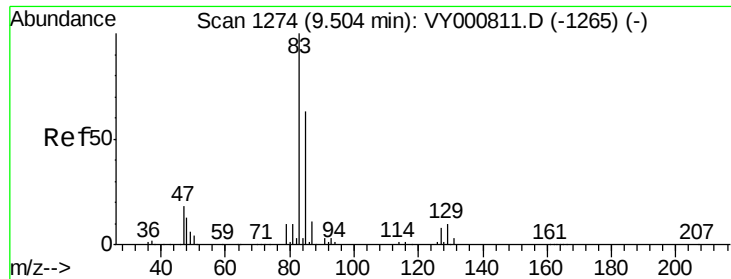
Ion Ratio Lower Upper

93 100

95 82.8 66.4 99.6

174 88.9 73.0 109.6





#47

Bromodichloromethane

Concen: 20.750 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

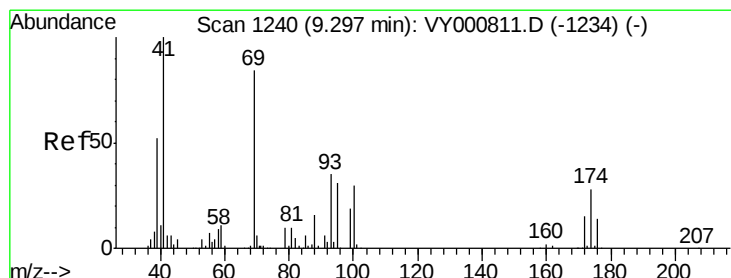
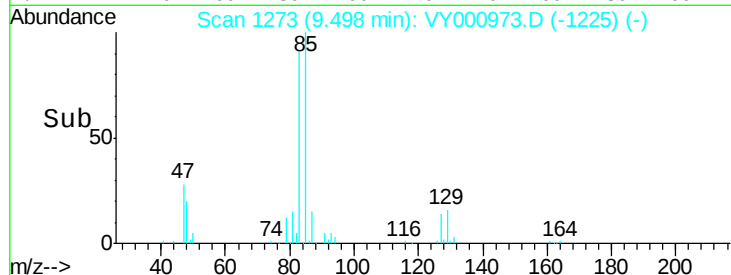
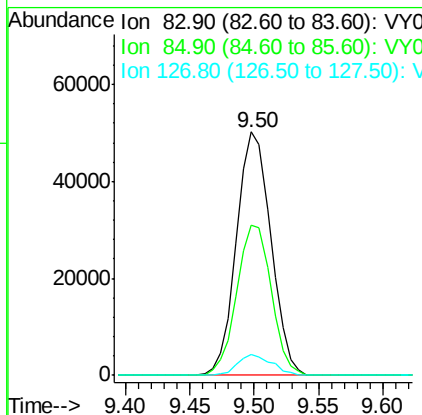
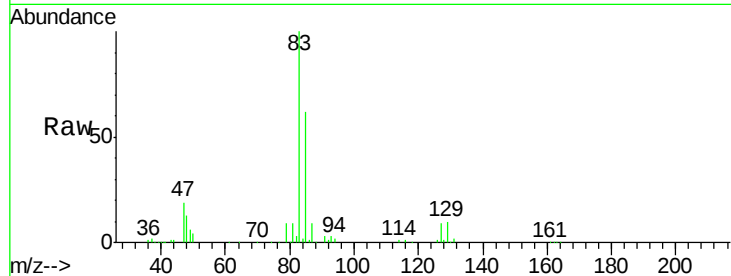
ClientSampleId :

VY1217SBS01

Tot Ion:	83	Resp:	93050
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.8	76.2
127	8.6	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.681 ug/l

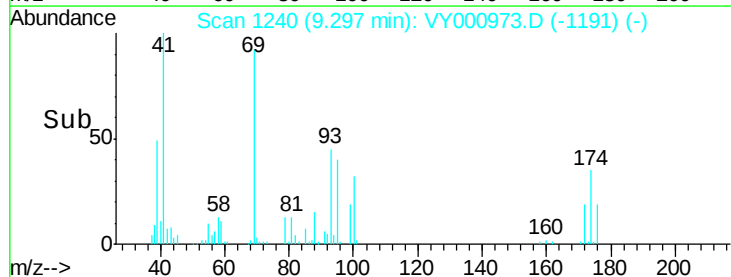
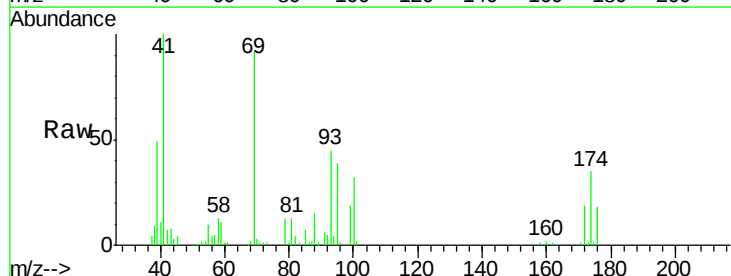
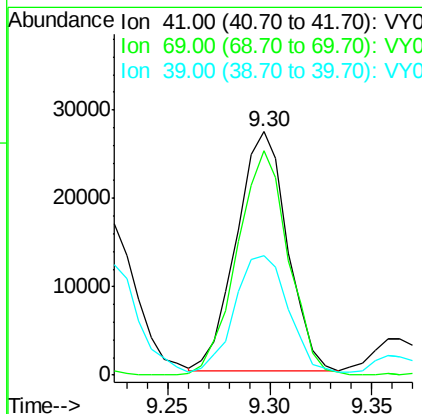
RT: 9.30 min Scan# 1240

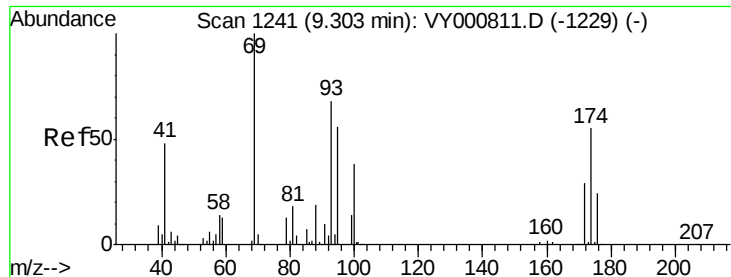
Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Tgt Ion:	41	Resp:	47022
Ion	Ratio	Lower	Upper
41	100		
69	94.5	70.4	105.6
39	54.2	40.9	61.3





#49

1,4-Dioxane

Concen: 412.425 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 88 Resp: 11155

Ion Ratio Lower Upper

88 100

43 32.5 21.1 31.7#

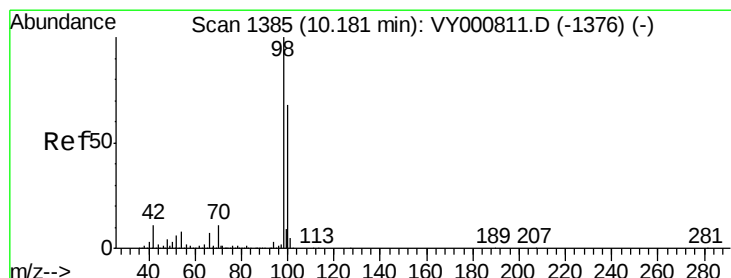
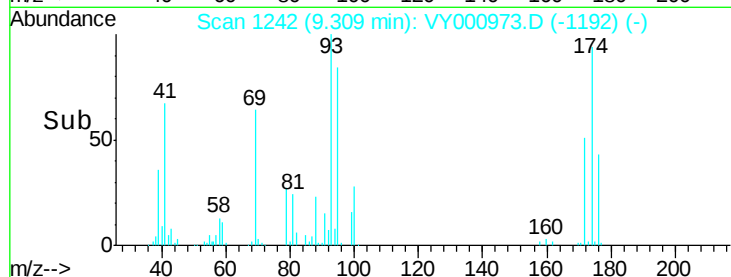
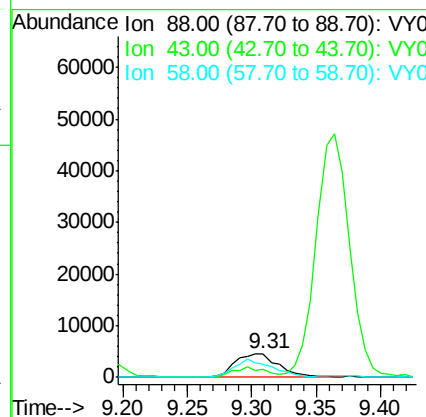
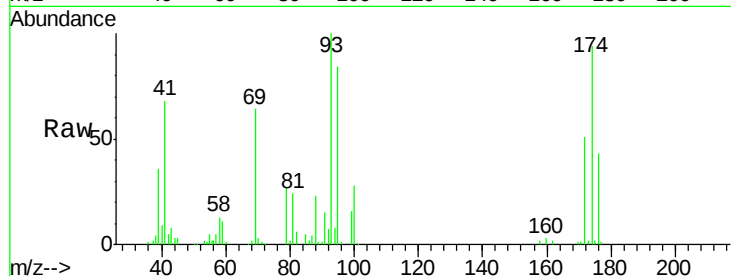
58 66.3 50.7 76.1

Manual Integrations

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#50

Toluene-d8

Concen: 53.640 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000973.D

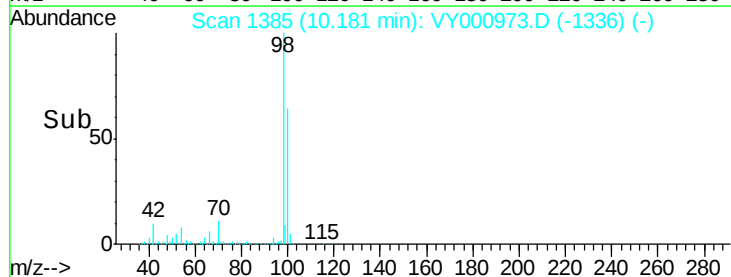
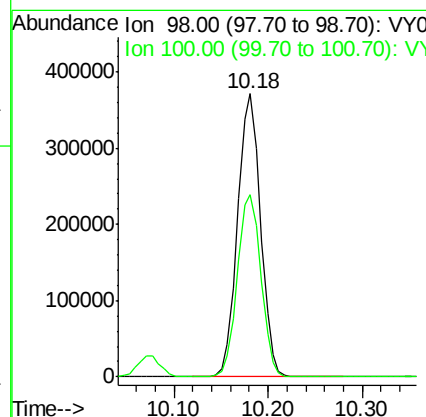
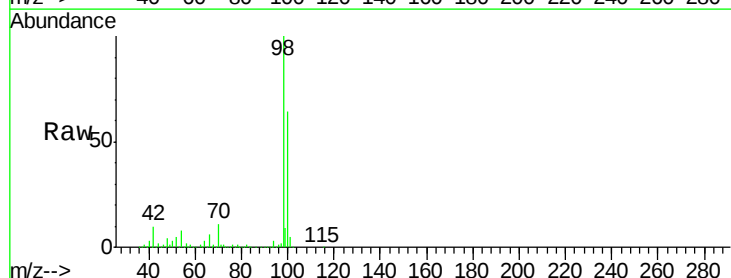
Acq: 17 Dec 2019 13:14

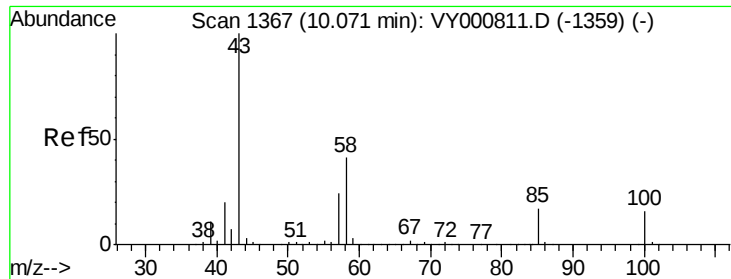
Tgt Ion: 98 Resp: 627661

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 106.220 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 43 Resp: 298192

Ion Ratio Lower Upper

43 100

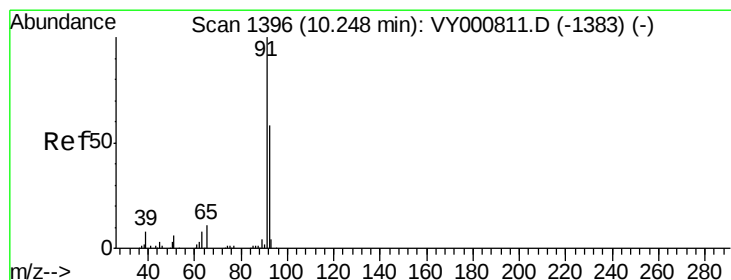
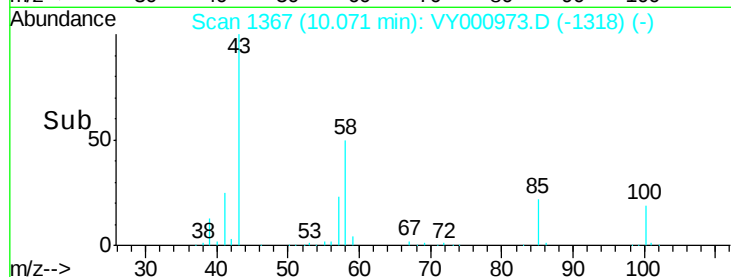
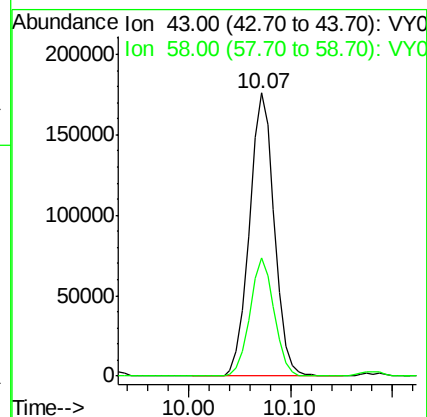
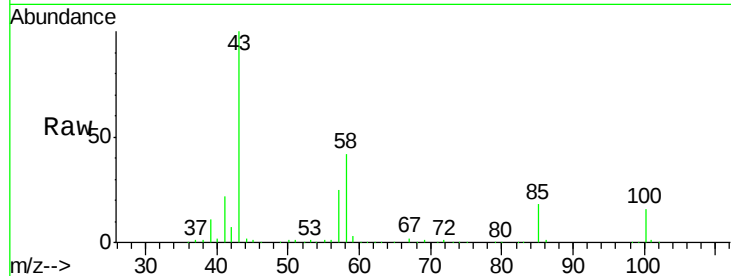
58 40.7 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 20.563 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000973.D

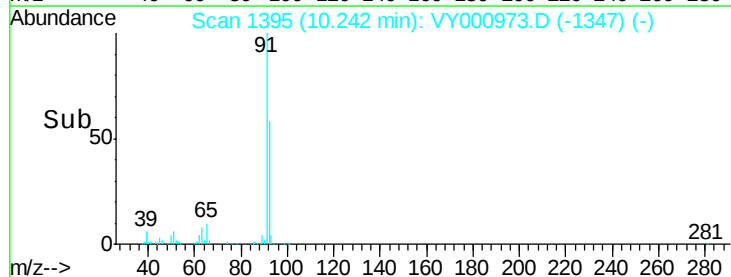
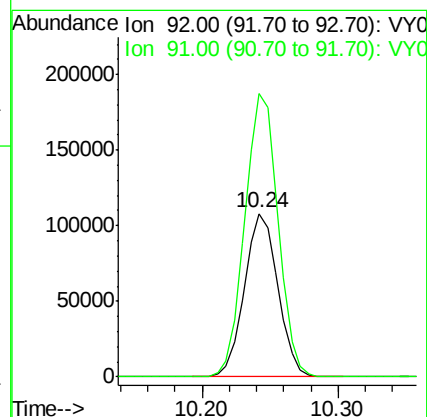
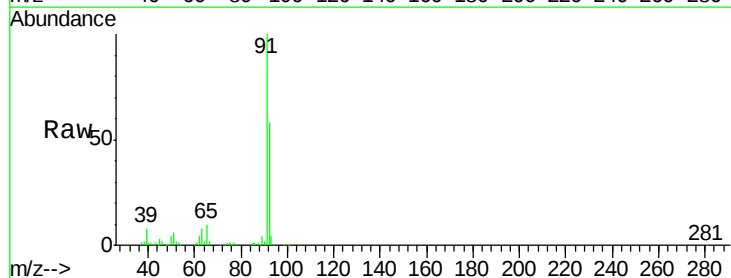
Acq: 17 Dec 2019 13:14

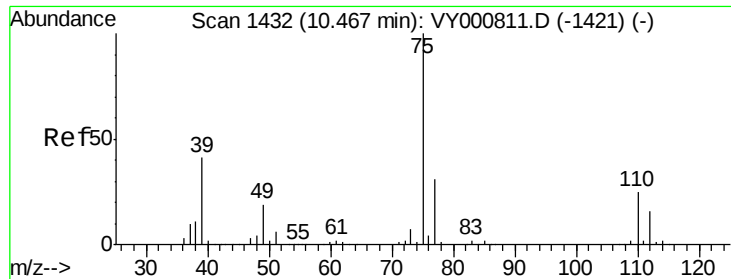
Tgt Ion: 92 Resp: 185177

Ion Ratio Lower Upper

92 100

91 173.0 136.6 204.8





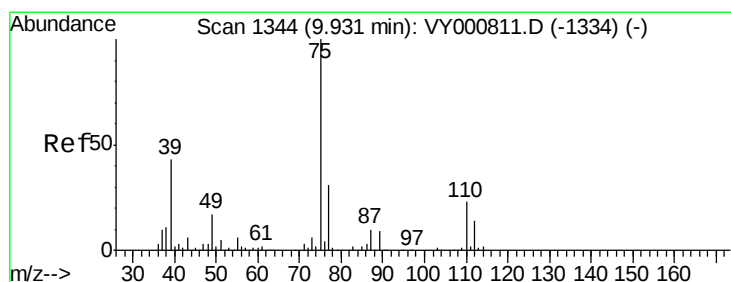
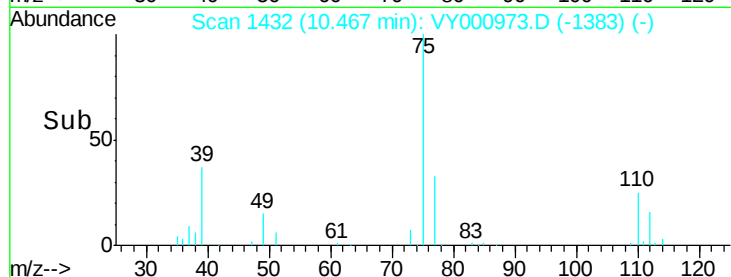
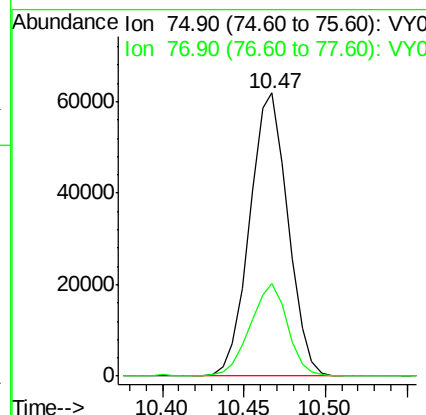
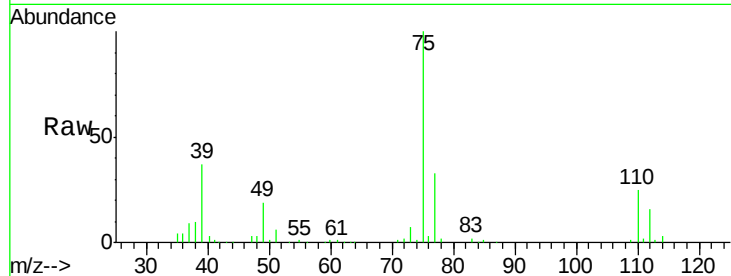
#53
t-1,3-Dichloropropene
Concen: 20.978 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion: 75 Resp: 101069
Ion Ratio Lower Upper
75 100
77 32.6 25.1 37.7

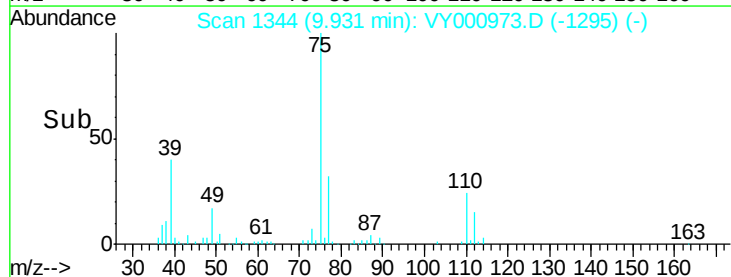
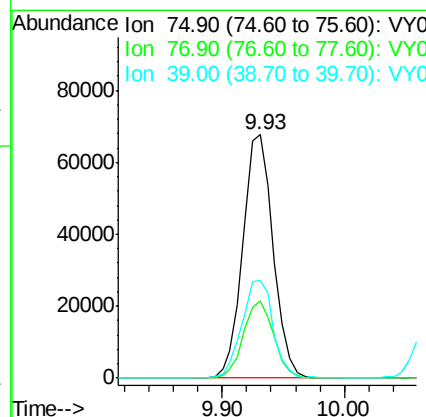
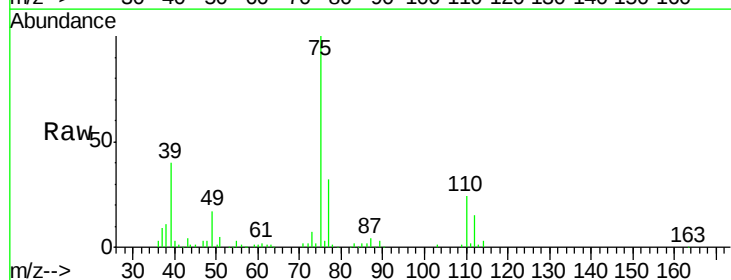
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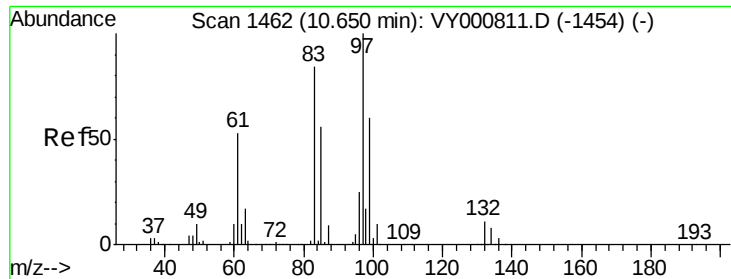
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#54
cis-1,3-Dichloropropene
Concen: 20.381 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion: 75 Resp: 116062
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
39 40.2 34.5 51.7





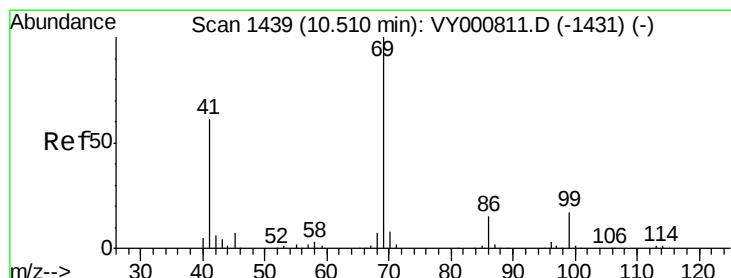
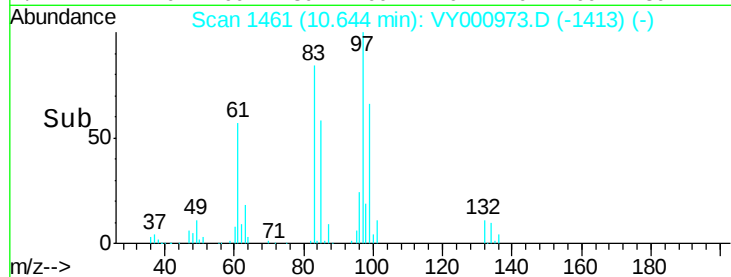
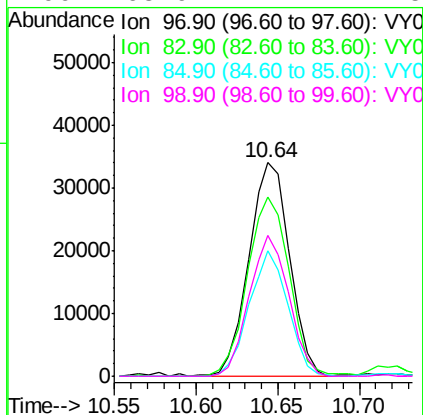
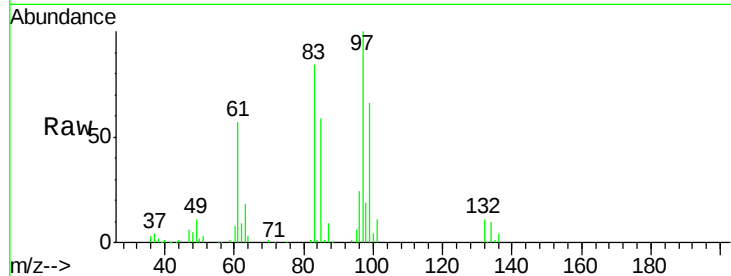
#55
 1,1,2-Trichloroethane
 Concen: 20.986 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion:	97	Resp:	59185
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.5	101.3
85	58.5	44.5	66.7
99	65.9	47.7	71.5

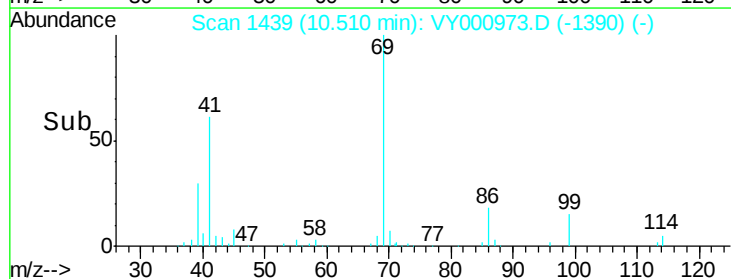
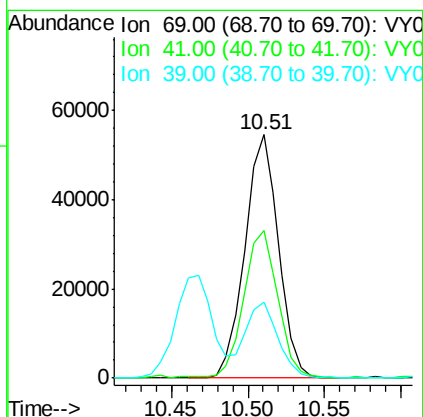
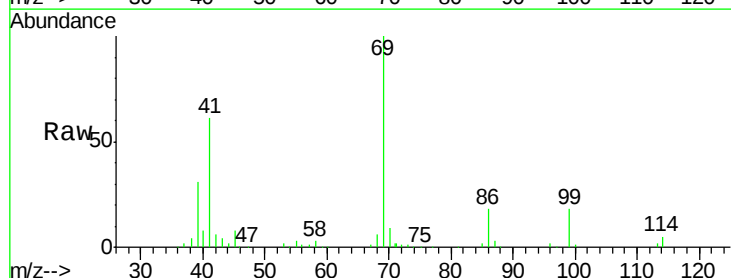
Manual Integrations
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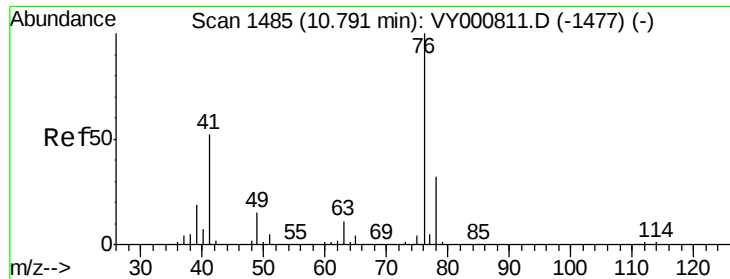
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#56
 Ethyl methacrylate
 Concen: 20.644 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion:	69	Resp:	83287
Ion	Ratio	Lower	Upper
69	100		
41	61.5	49.0	73.6
39	31.3	23.1	34.7





#57

1,3-Dichloropropane

Concen: 21.491 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 76 Resp: 105637

Ion Ratio Lower Upper

76 100

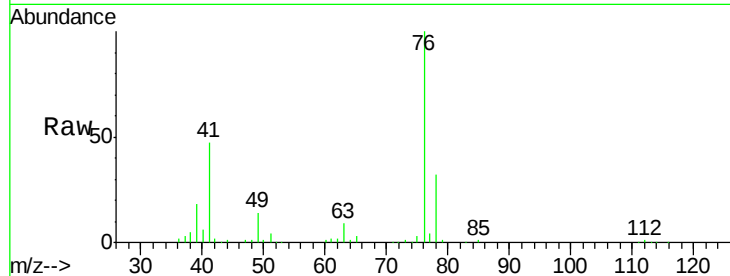
78 33.0 26.4 39.6

Manual Integrations

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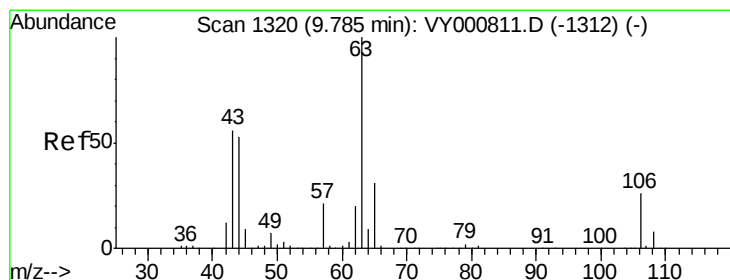
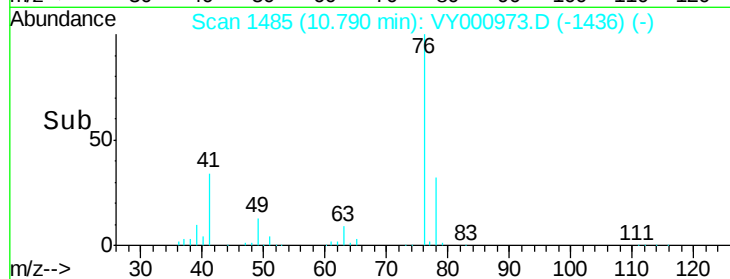
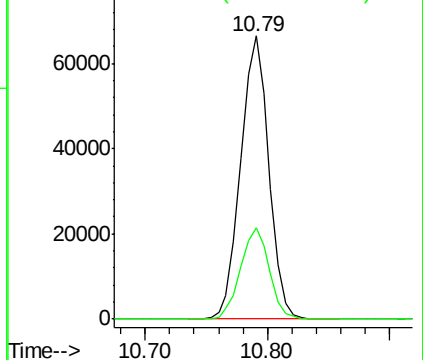
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 96.763 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000973.D

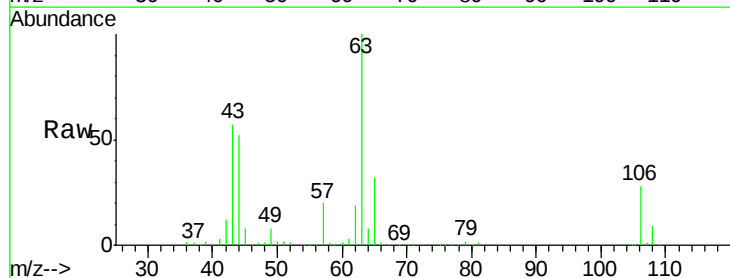
Acq: 17 Dec 2019 13:14

Tgt Ion: 63 Resp: 157409

Ion Ratio Lower Upper

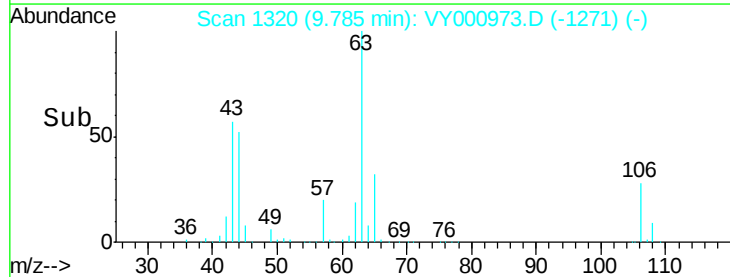
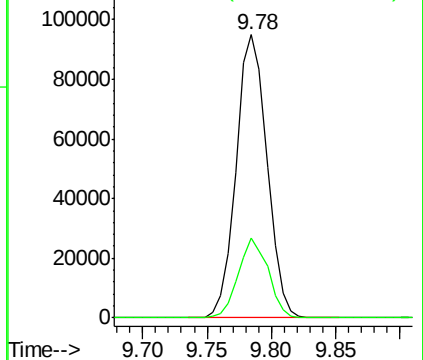
63 100

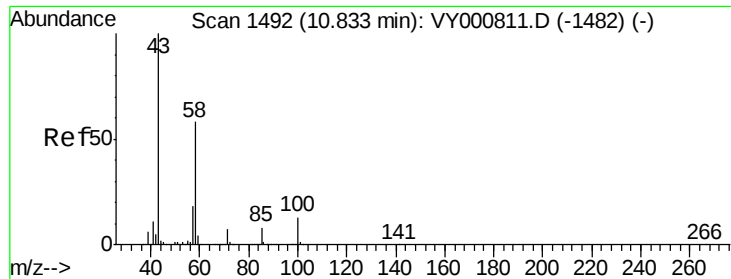
106 27.2 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





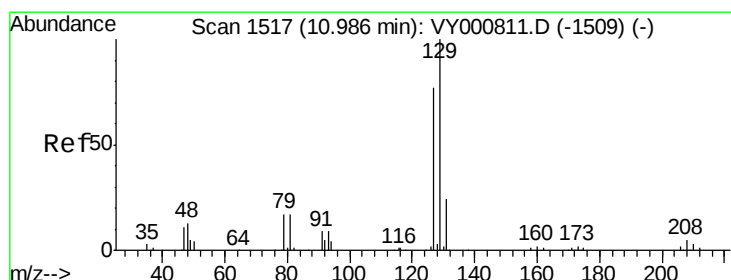
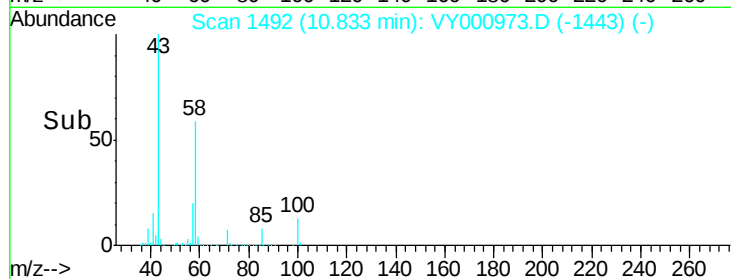
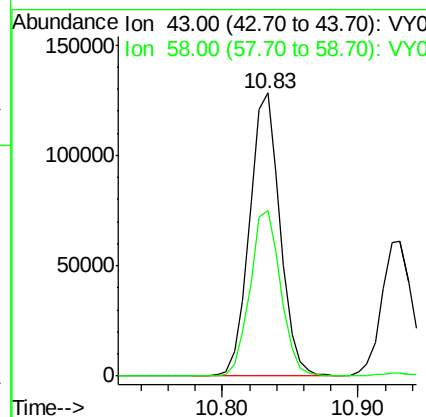
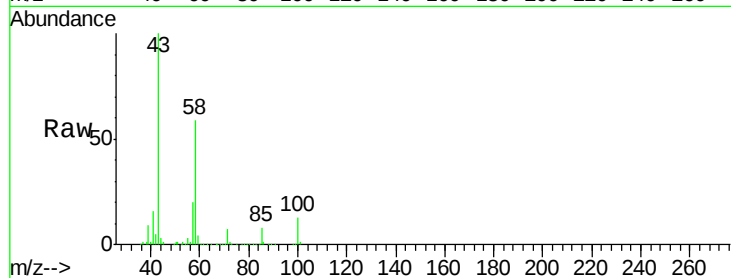
#59
2-Hexanone
Concen: 98.296 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	43	Resp	201077
Ion Ratio	43	100	
Lower	58	58.9	29.0
Upper			87.1

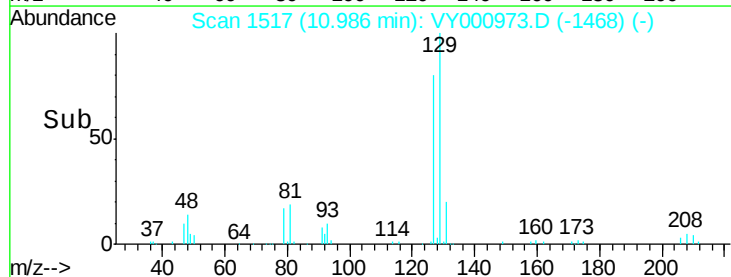
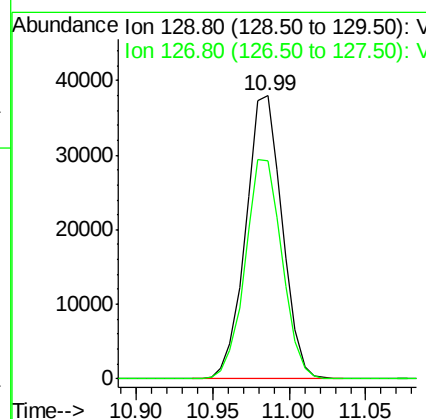
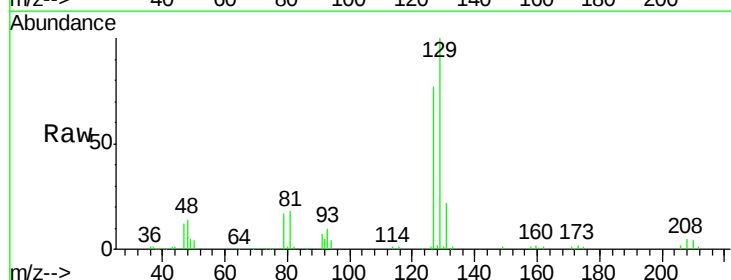
Manual Integrations
APPROVED

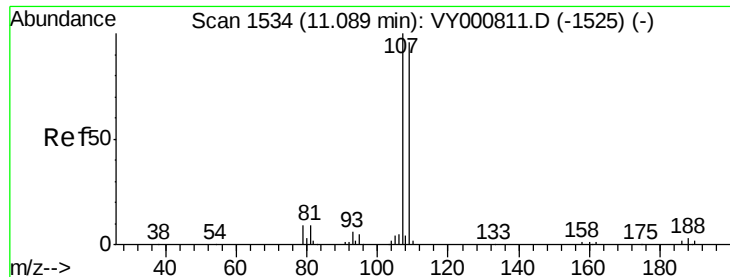
MMDadoda
12/18/2019 1:02:00 PM



#60
Dibromochloromethane
Concen: 20.642 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	129	Resp	62670
Ion Ratio	129 <td>100</td> <td></td>	100	
Lower	127	78.5	39.1
Upper			117.2





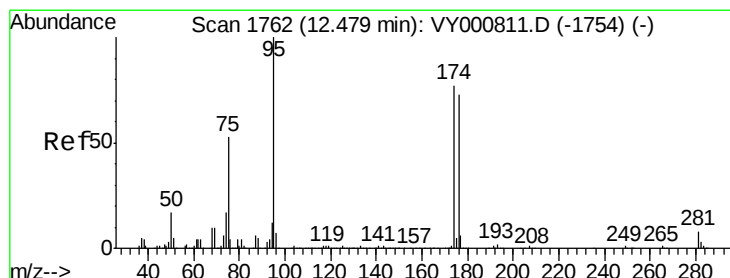
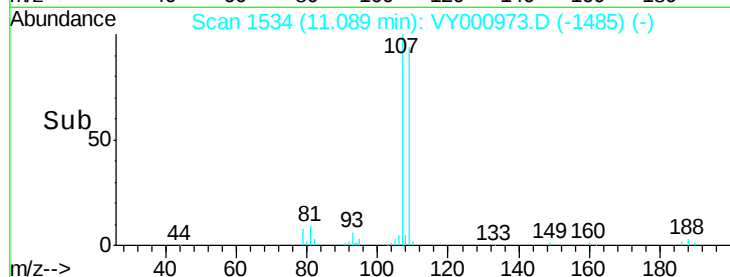
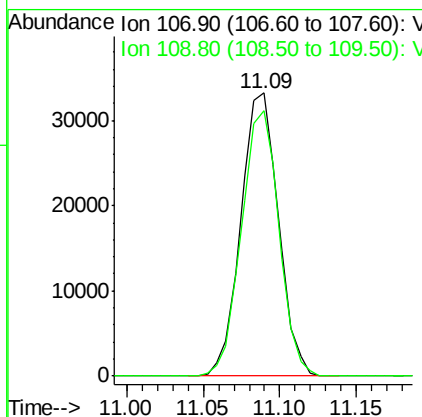
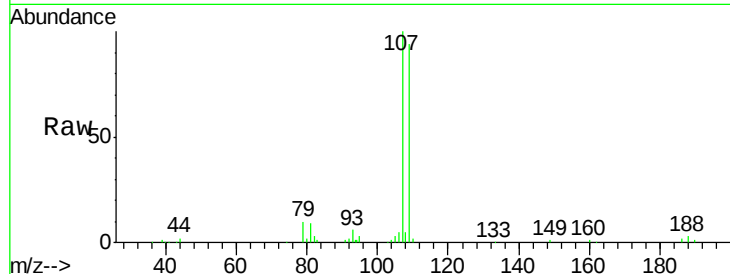
#61
1,2-Dibromoethane
Concen: 21.314 ug/l
RT: 11.09 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.9	113.9

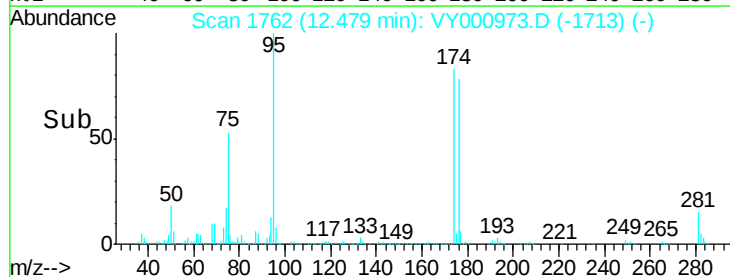
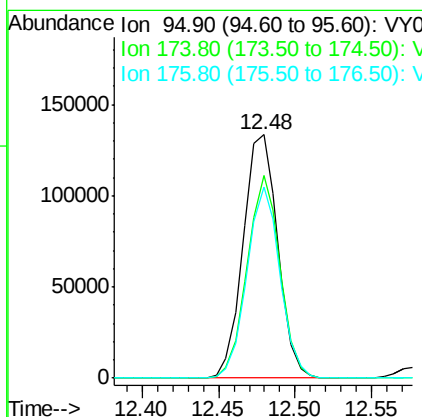
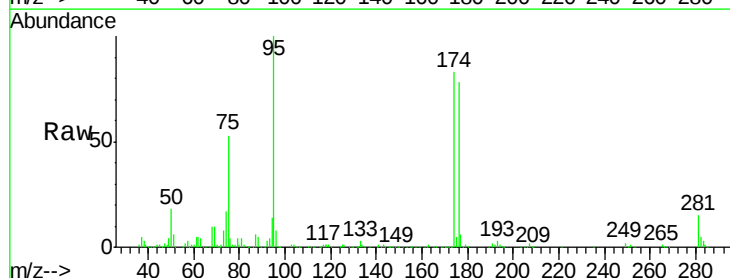
Manual Integrations
APPROVED

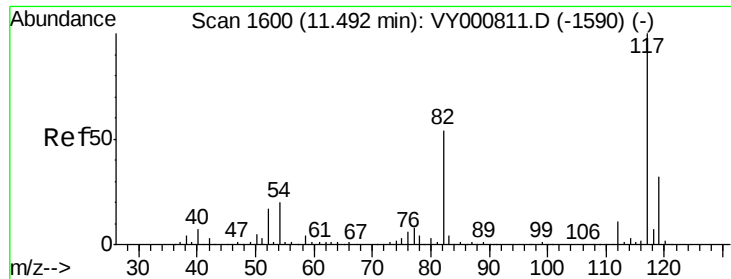
MMDadoda
12/18/2019 1:02:00 PM



#62
4-Bromofluorobenzene
Concen: 47.693 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	150.6
176	75.0	0.0	145.2





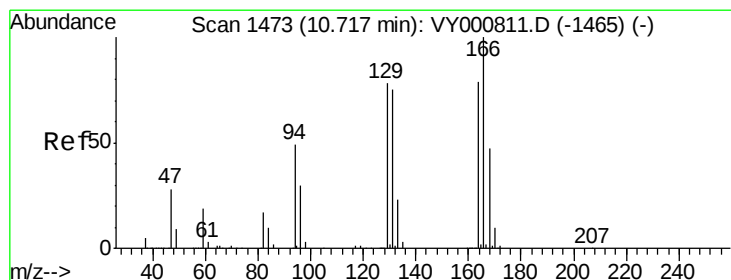
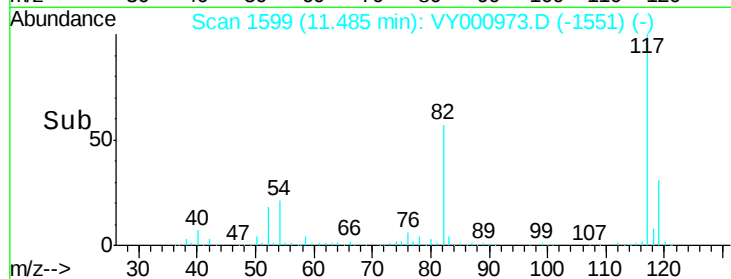
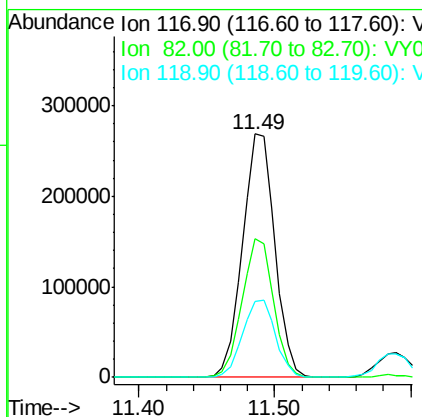
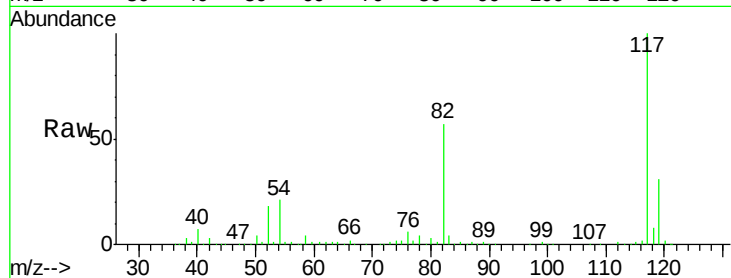
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.1	64.7
119	31.2	25.3	37.9

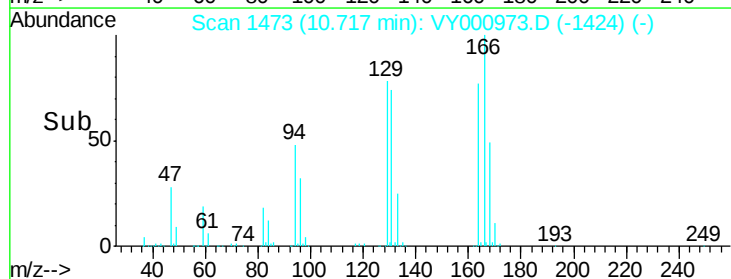
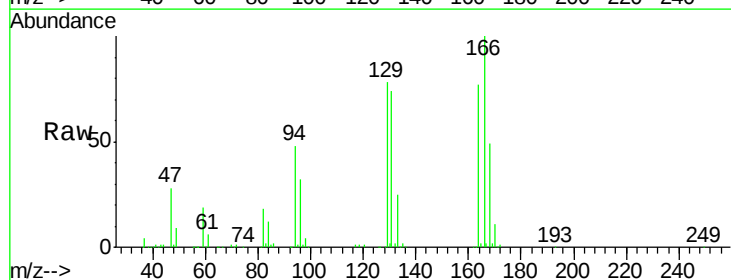
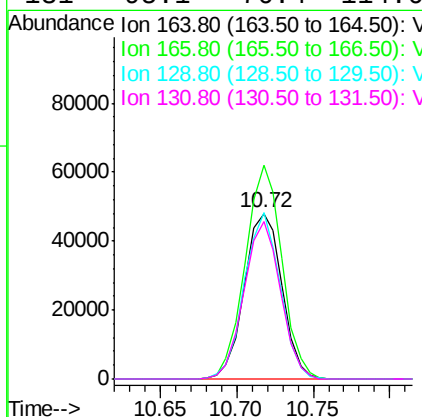
Manual Integrations
APPROVED

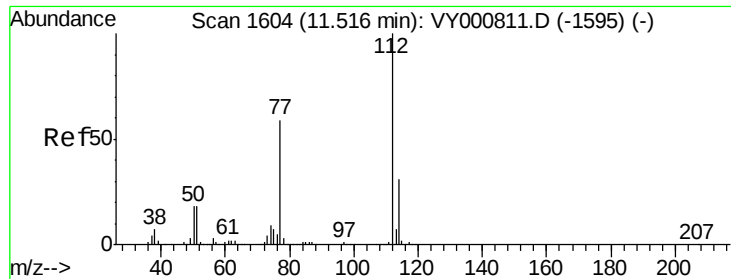
MMDadoda
12/18/2019 1:02:00 PM



#64
Tetrachloroethene
Concen: 21.212 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	101.8	152.8
129	100.4	79.3	118.9
131	95.1	76.4	114.6





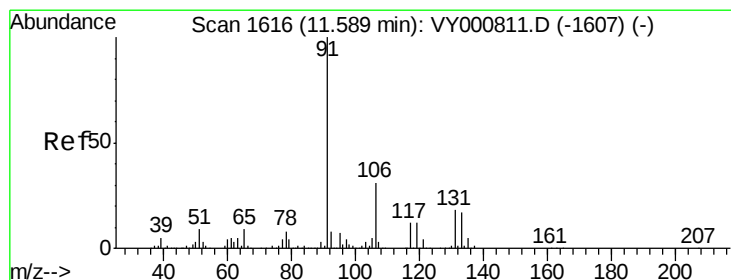
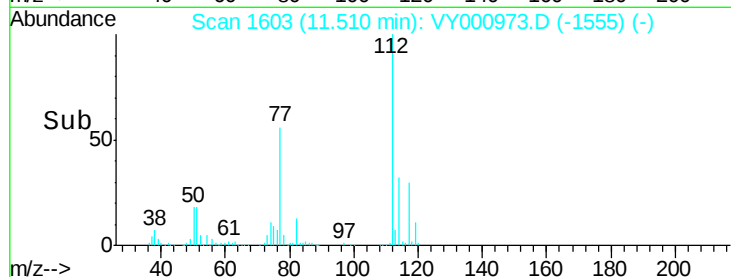
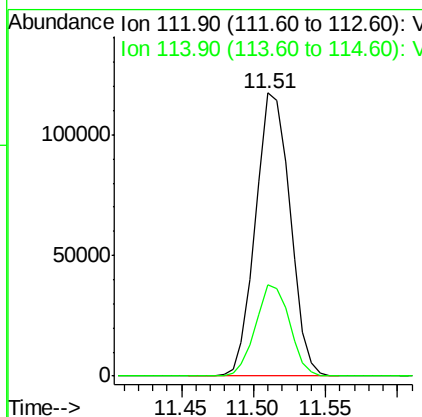
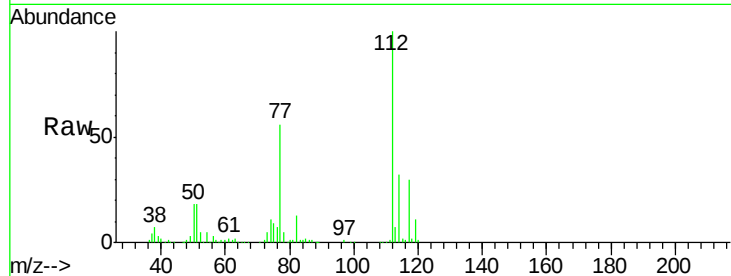
#65
Chlorobenzene
Concen: 20.989 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.1	37.7

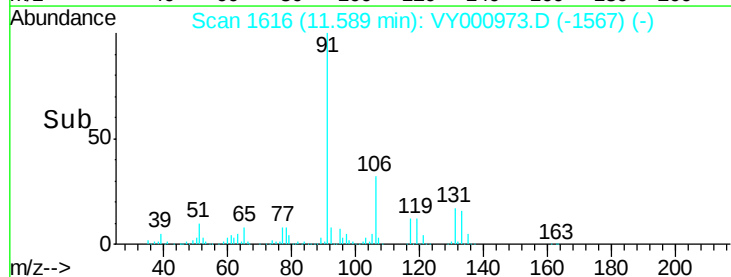
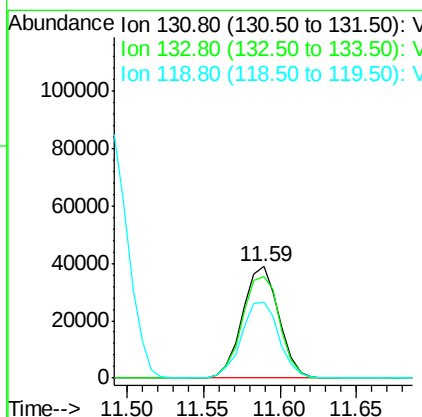
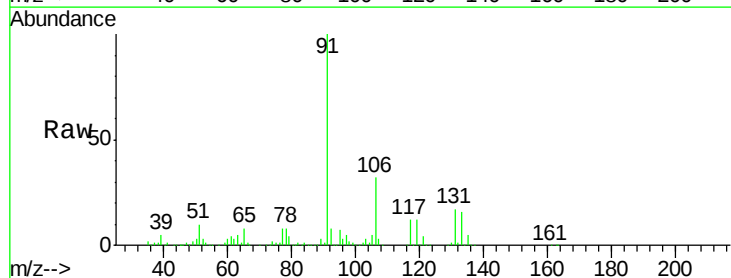
Manual Integrations
APPROVED

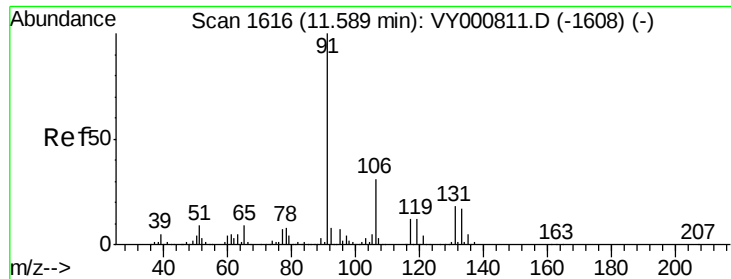
MMDadoda
12/18/2019 1:02:00 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.642 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.4	142.2
119	70.6	33.8	101.3





#67

Ethyl Benzene

Concen: 20.262 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 91 Resp: 349823

Ion Ratio Lower Upper

91 100

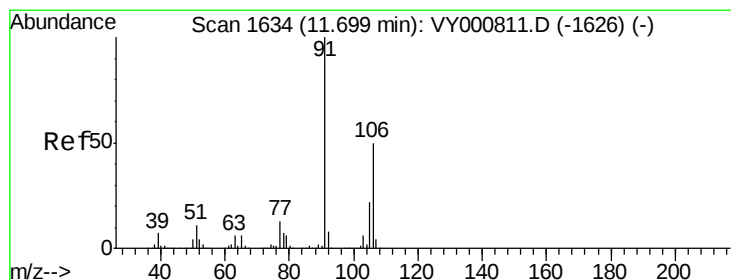
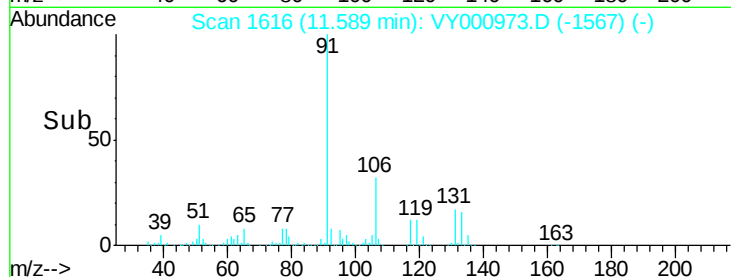
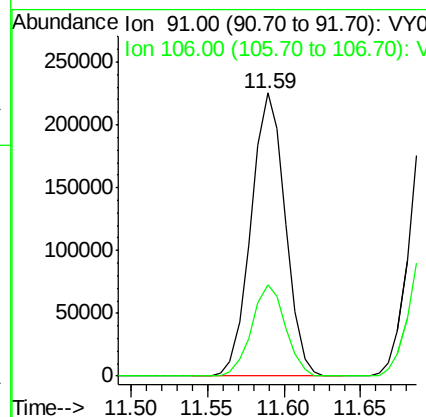
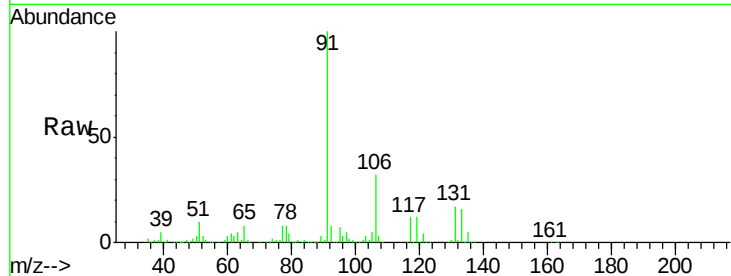
106 32.4 24.4 36.6

Manual Integrations

APPROVED

MMDadoda

12/18/2019 1:02:00 PM



#68

m/p-Xylenes

Concen: 41.207 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY000973.D

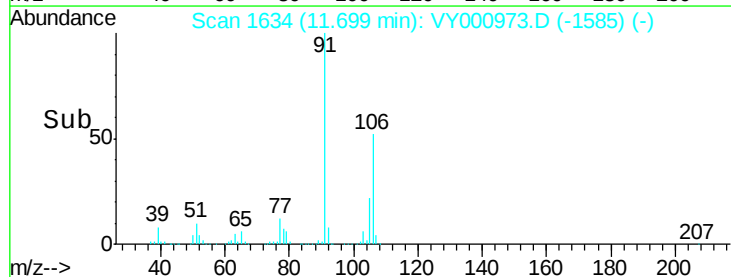
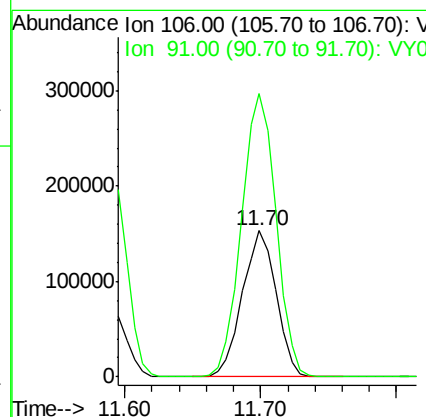
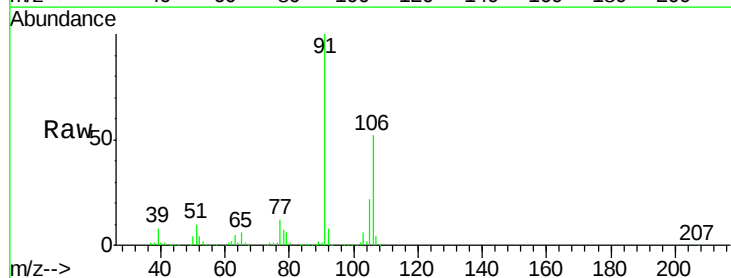
Acq: 17 Dec 2019 13:14

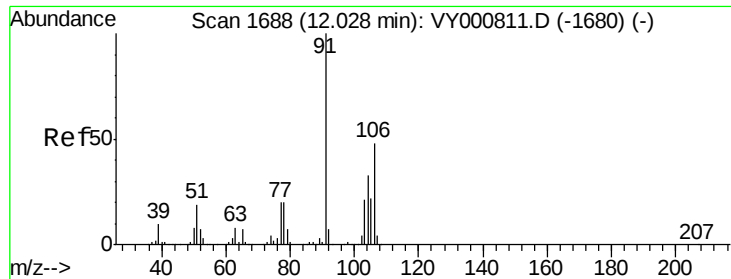
Tgt Ion: 106 Resp: 267035

Ion Ratio Lower Upper

106 100

91 197.5 159.6 239.4





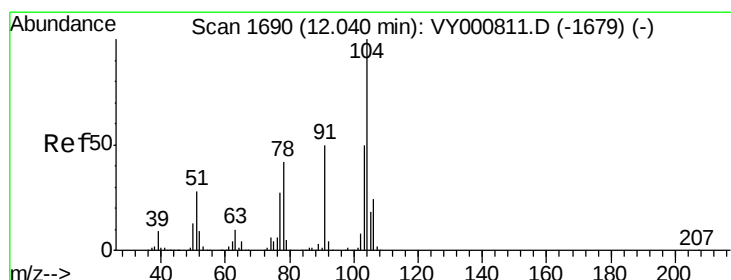
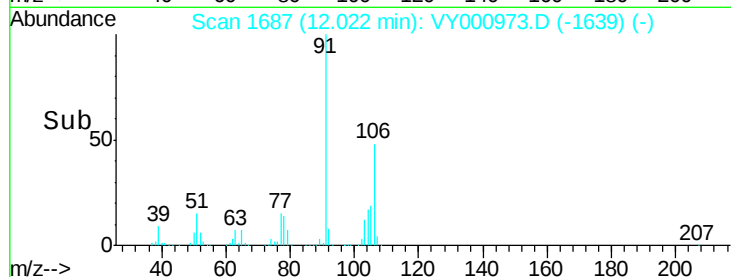
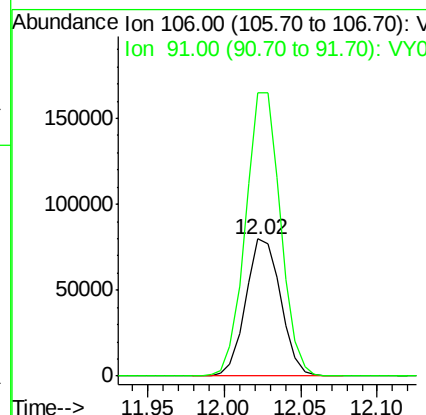
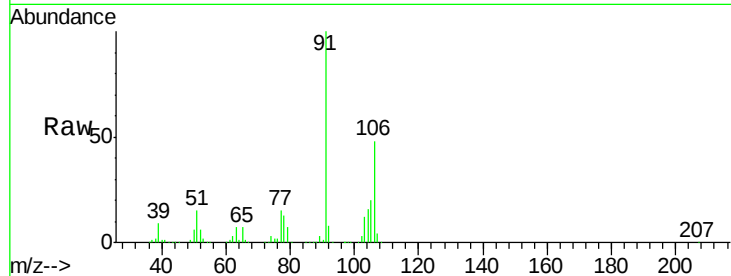
#69
o-Xylene
Concen: 21.004 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		126909		
91	206.1	106.1	318.1		

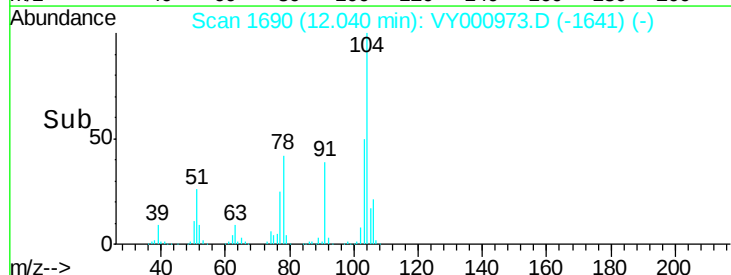
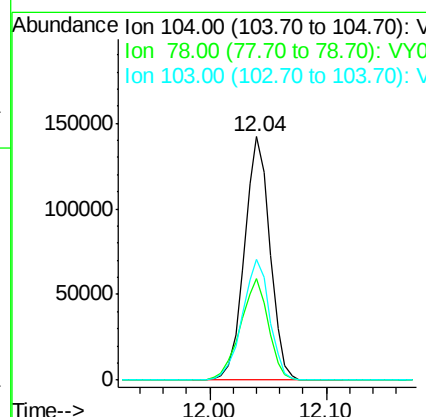
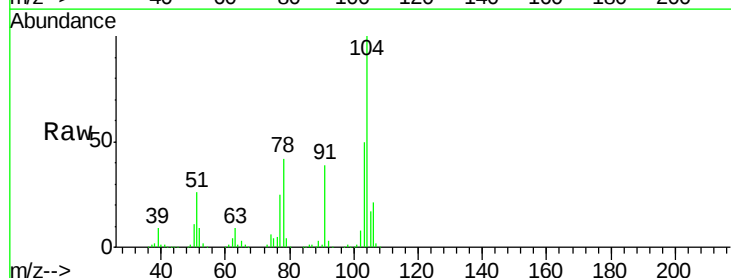
Manual Integrations
APPROVED

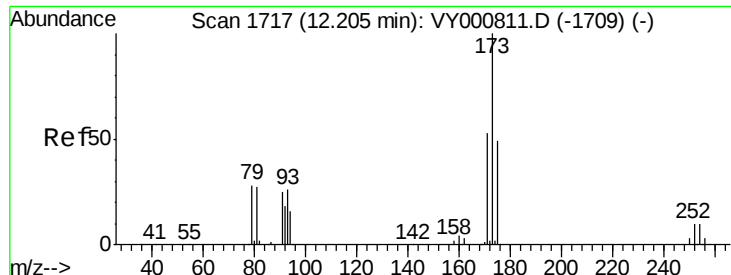
MMDadoda
12/18/2019 1:02:00 PM



#70
Styrene
Concen: 21.096 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		218266		
78	45.1	38.2	57.4		
103	52.8	43.4	65.0		





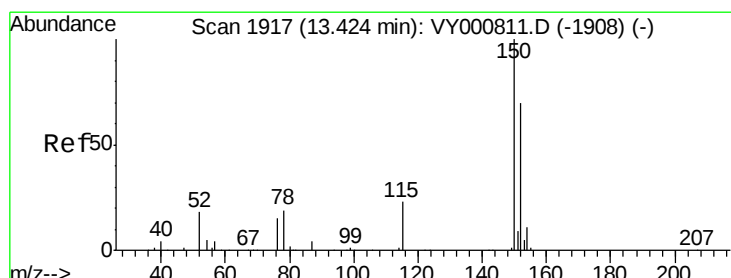
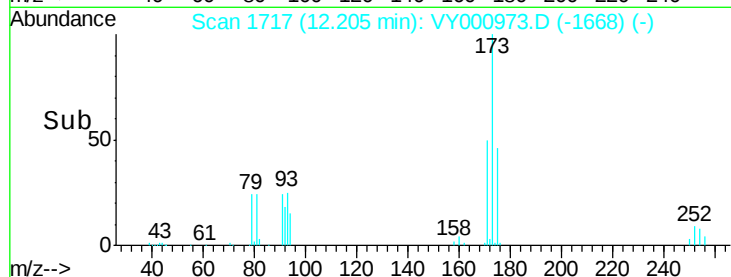
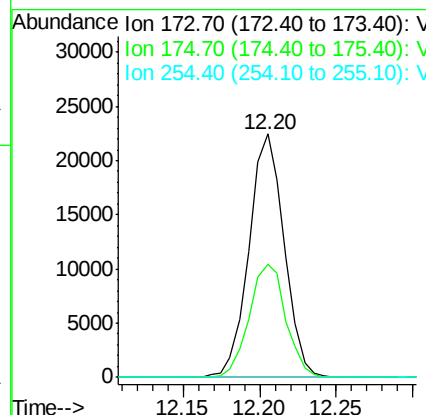
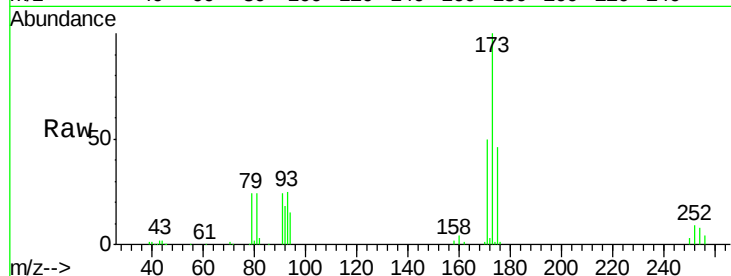
#71
Bromoform
Concen: 20.306 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.5	73.5
254	0.0	0.0	0.0

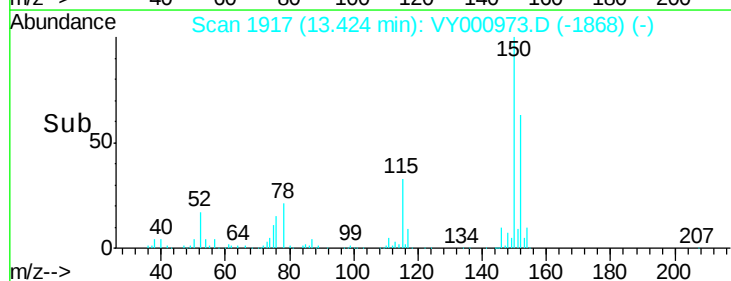
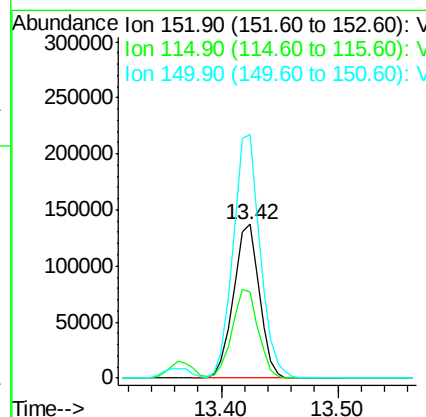
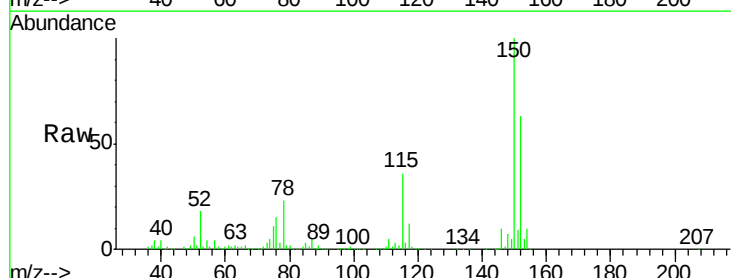
Manual Integrations
APPROVED

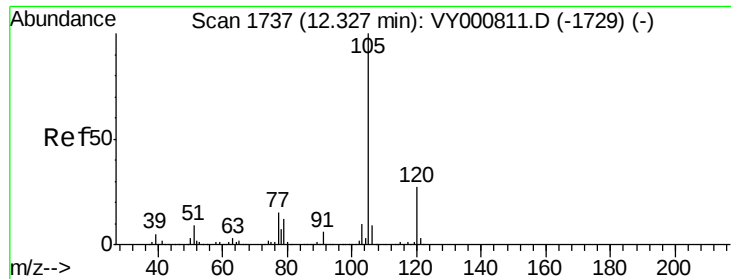
MMDadoda
12/18/2019 1:02:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.3	87.8
150	165.1	0.0	351.2





#73

Isopropylbenzene

Concen: 19.881 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 105 Resp: 336039

Ion Ratio Lower Upper

105 100

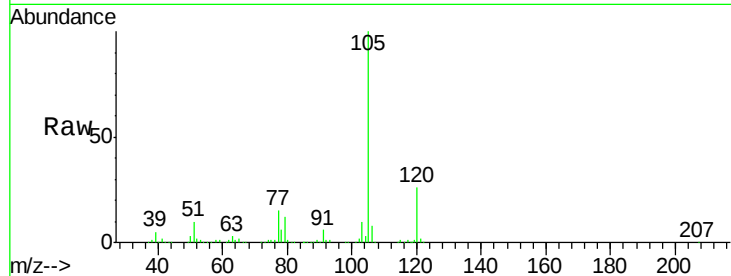
120 26.9 13.4 40.2

Manual Integrations

APPROVED

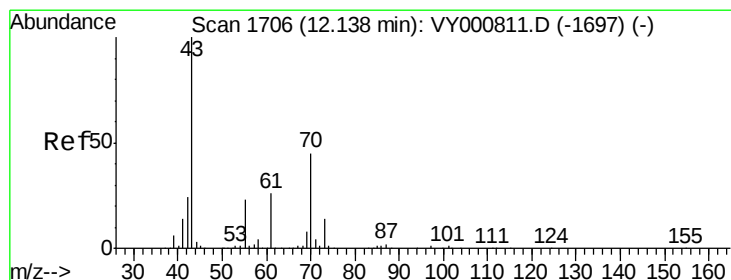
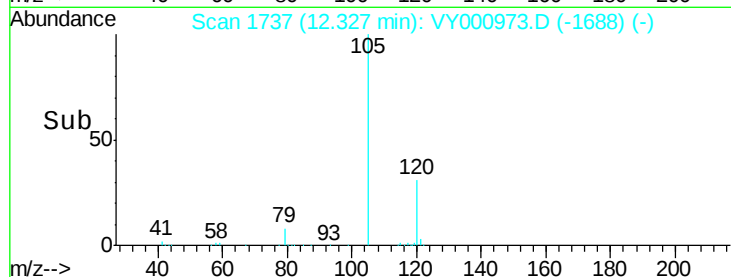
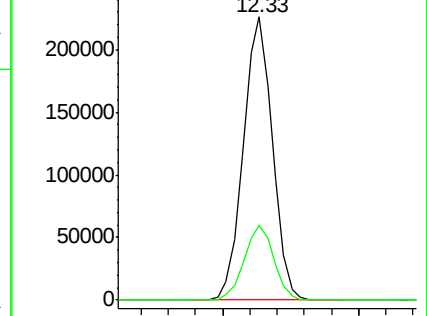
MMDadoda

12/18/2019 1:02:00 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.084 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Tgt Ion: 43 Resp: 94483

Ion Ratio Lower Upper

43 100

70 43.1 36.6 54.8

55 24.2 18.8 28.2

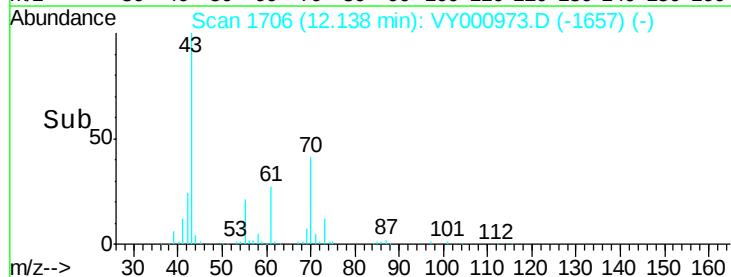
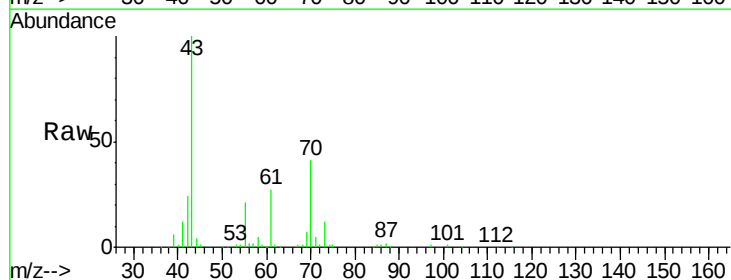
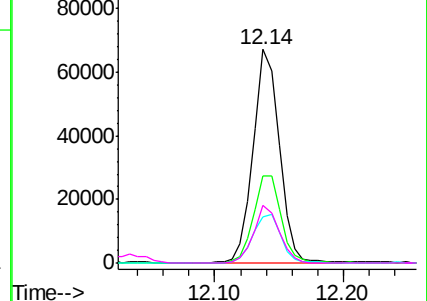
61 25.9 21.0 31.6

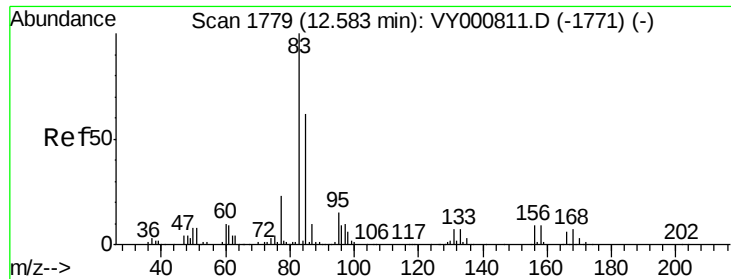
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.625 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 83 Resp: 68688

Ion Ratio Lower Upper

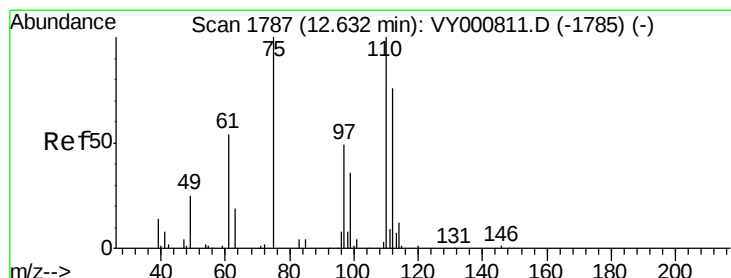
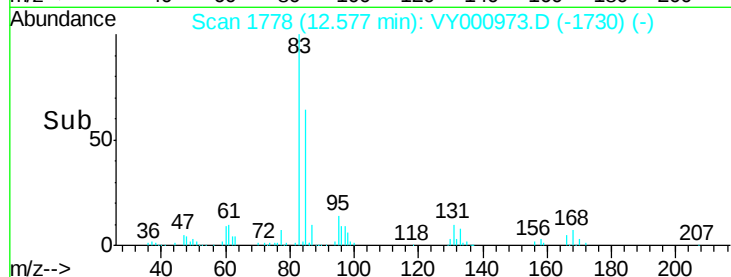
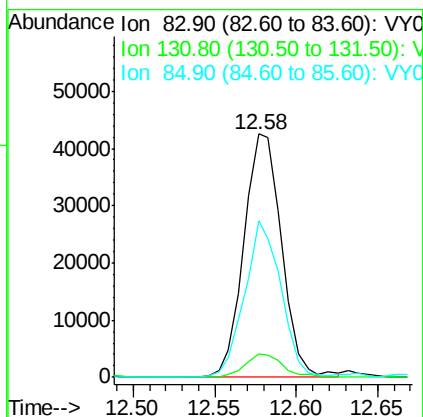
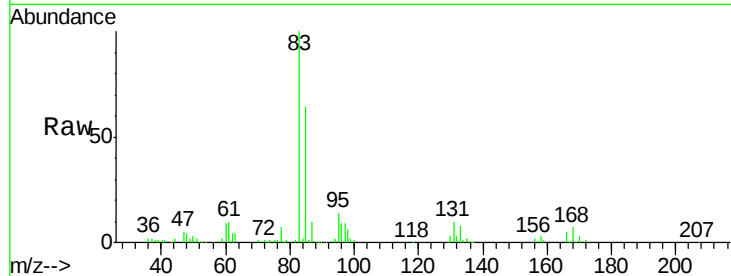
83 100

131 9.5 4.3 13.1

85 61.7 32.4 97.0

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#76

1,2,3-Trichloropropane

Concen: 24.367 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000973.D

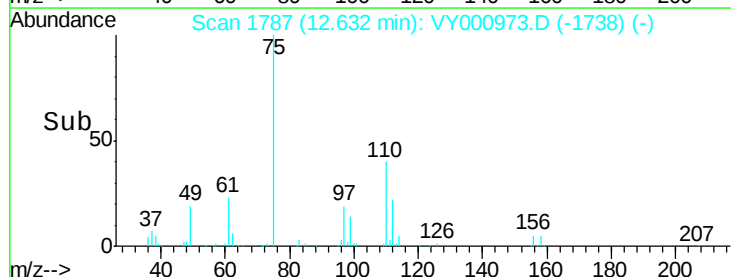
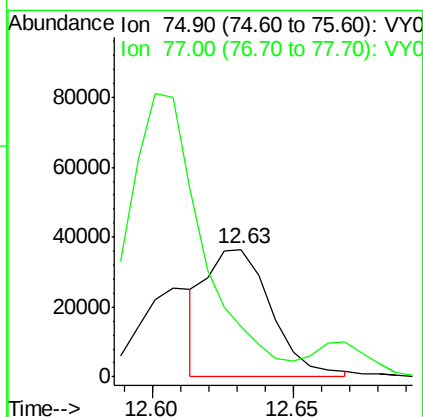
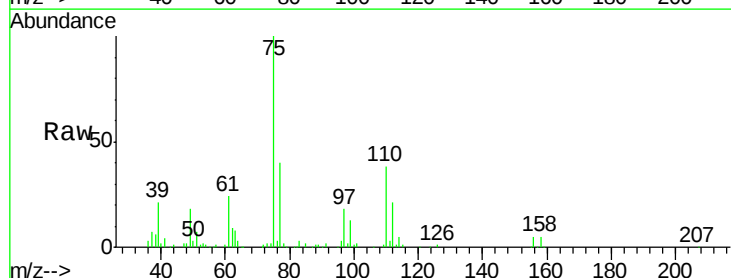
Acq: 17 Dec 2019 13:14

Tgt Ion: 75 Resp: 58606

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





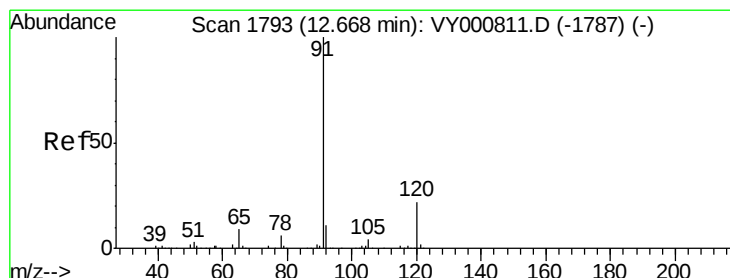
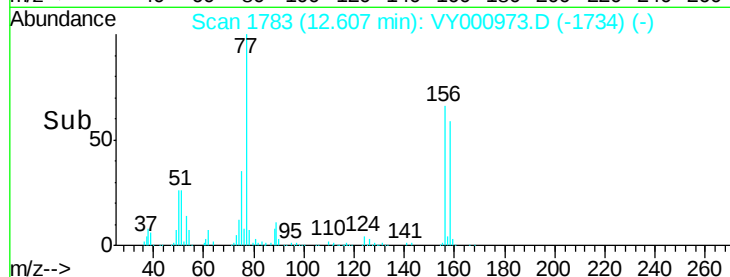
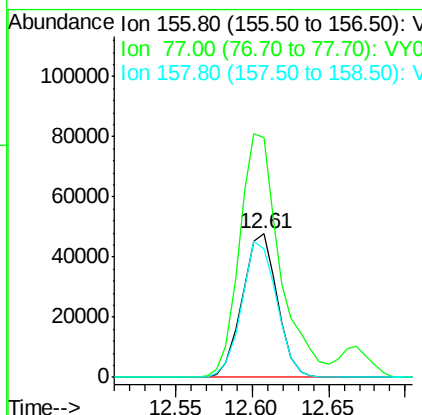
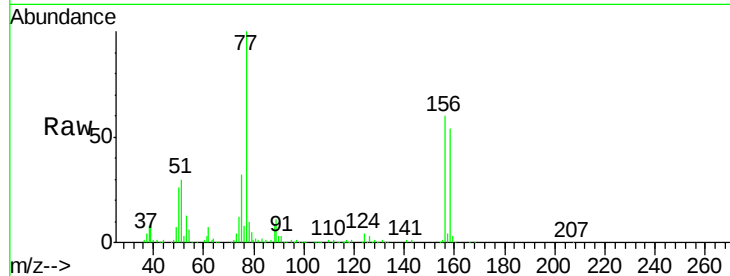
#77
Bromobenzene
Concen: 20.581 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	198.2	102.6	307.7
158	95.4	47.6	142.8

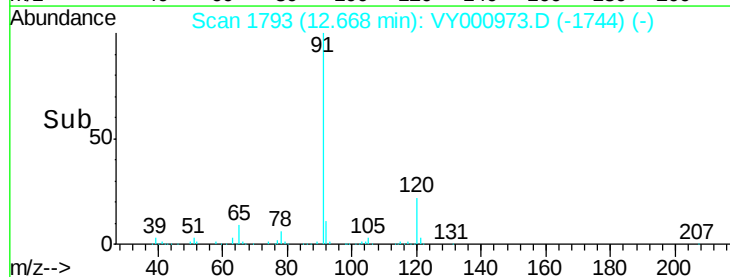
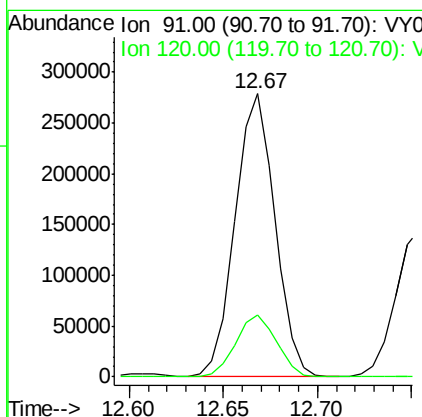
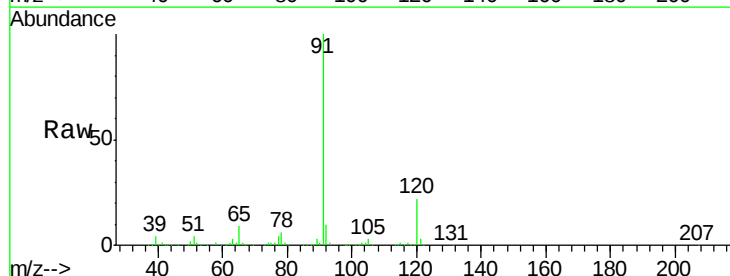
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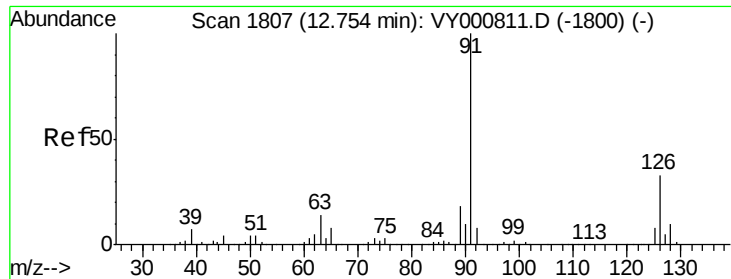
MMDadoda
12/18/2019 1:02:00 PM



#78
n-propylbenzene
Concen: 19.793 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.2	33.5





#79

2-Chlorotoluene

Concen: 19.550 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

ClientSampleId :

VY1217SBS01

Tot Ion: 91 Resp: 222899

Ion Ratio Lower Upper

91 100

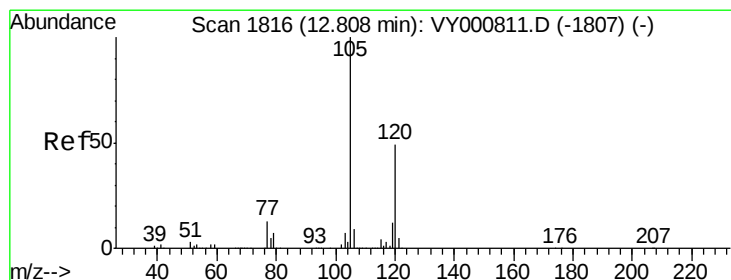
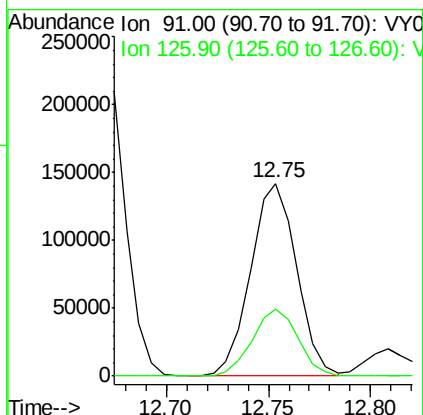
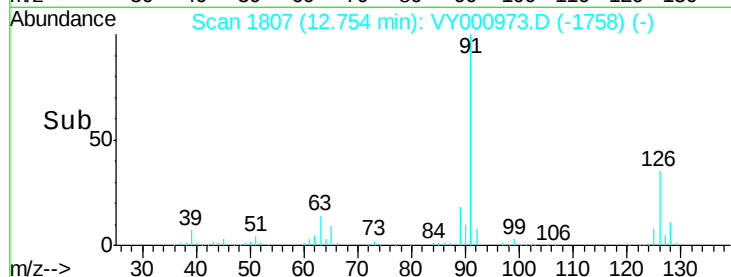
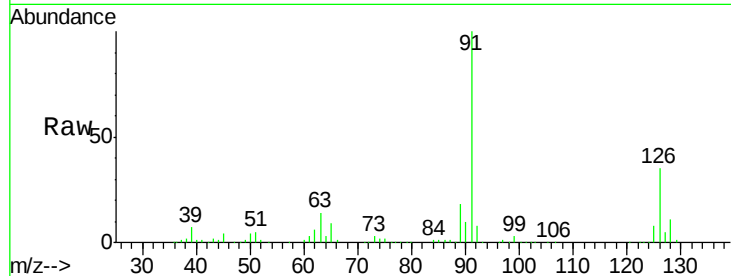
126 34.6 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.751 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000973.D

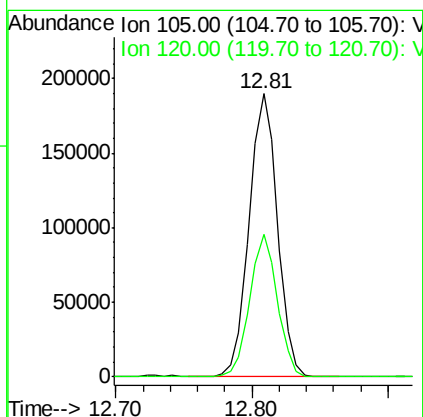
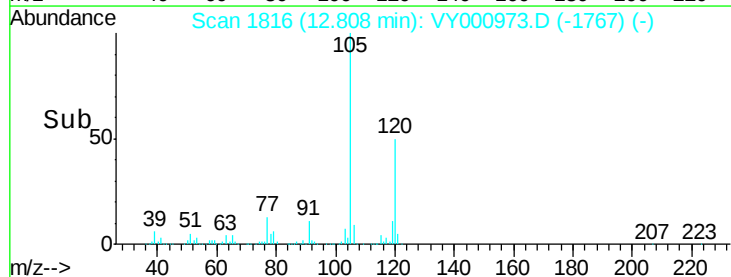
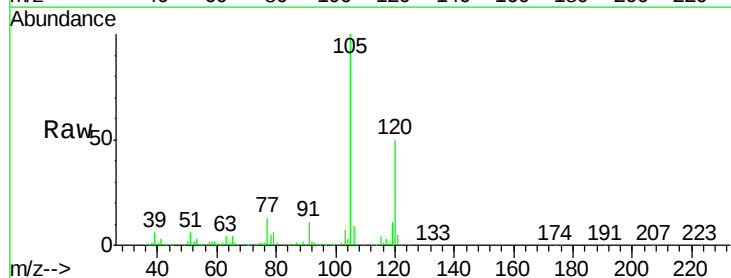
Acq: 17 Dec 2019 13:14

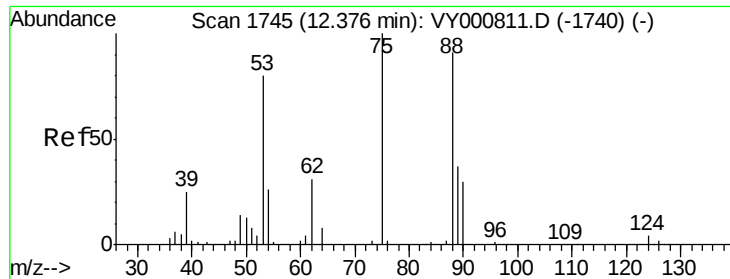
Tgt Ion: 105 Resp: 276410

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.459 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Instrument :

MSVOA_Y

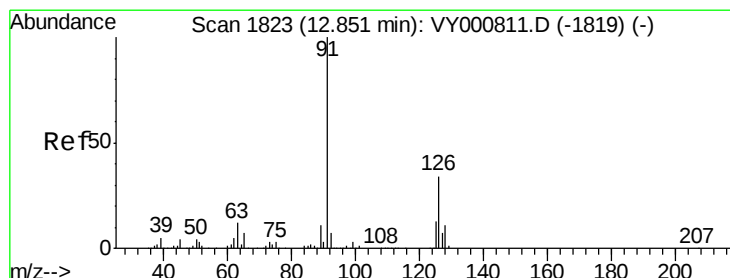
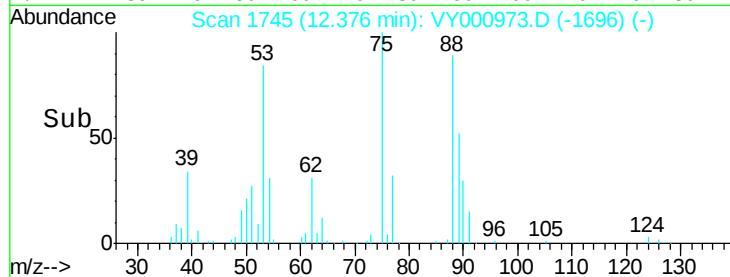
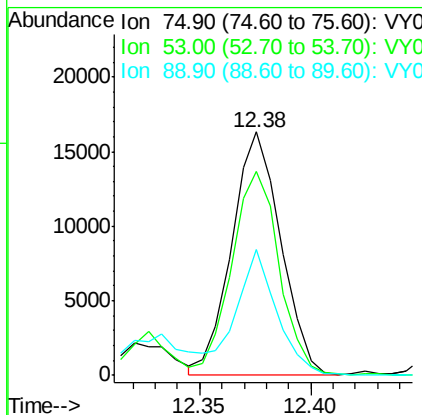
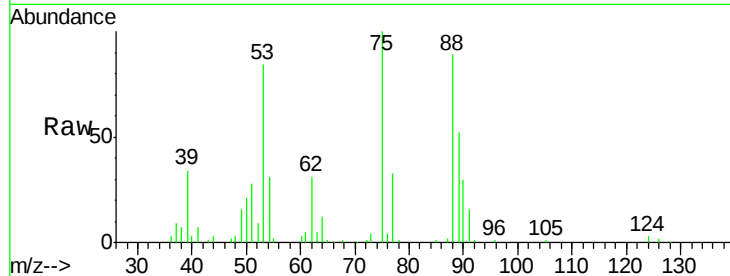
ClientSampleId :

VY1217SBS01

Tot Ion:	75	Resp:	25050
Ion Ratio	Lower	Upper	
75	100		
53	82.0	64.6	96.8
89	43.4	33.6	50.4

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#82

4-Chlorotoluene

Concen: 20.233 ug/l

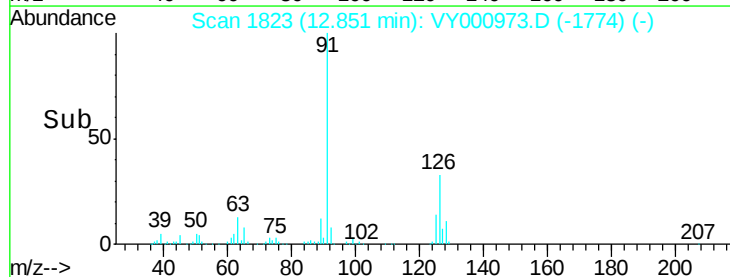
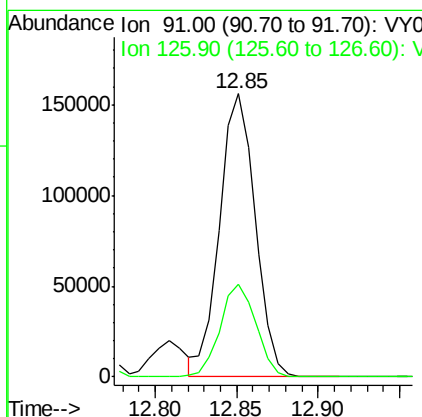
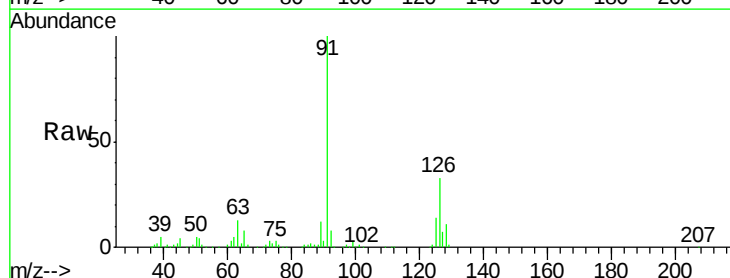
RT: 12.85 min Scan# 1823

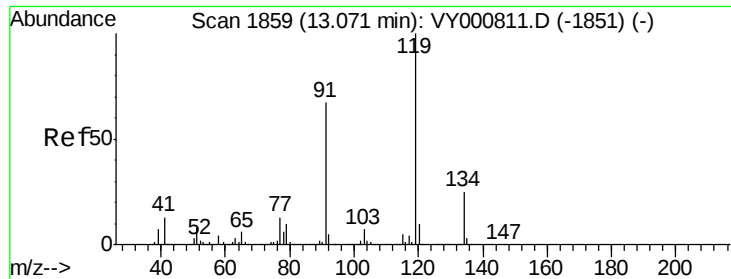
Delta R.T. -0.00 min

Lab File: VY000973.D

Acq: 17 Dec 2019 13:14

Tgt Ion:	91	Resp:	237666
Ion Ratio	Lower	Upper	
91	100		
126	32.9	17.3	51.9





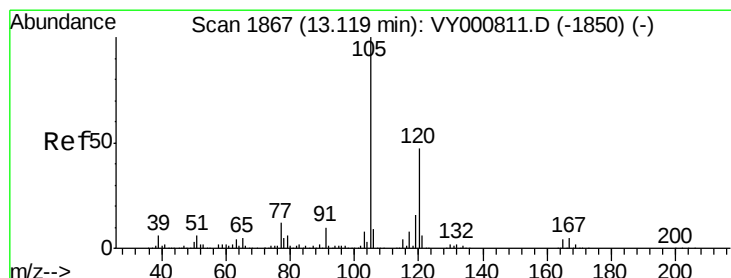
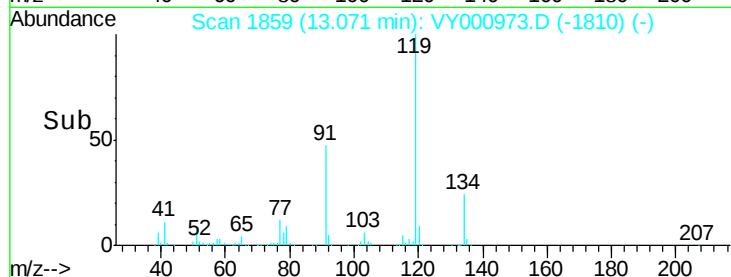
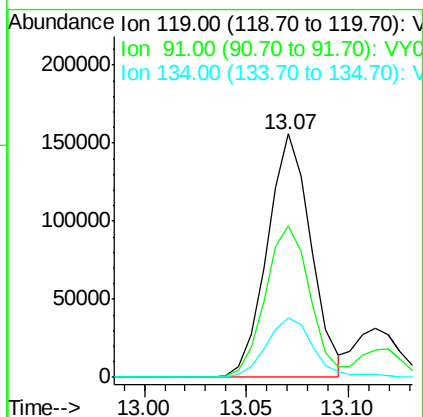
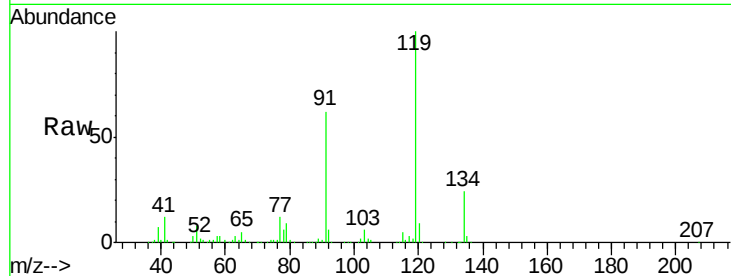
#83
tert-Butylbenzene
Concen: 19.792 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.3	96.8
134	26.3	12.9	38.7

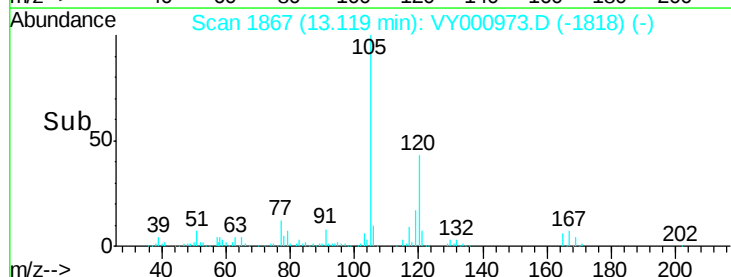
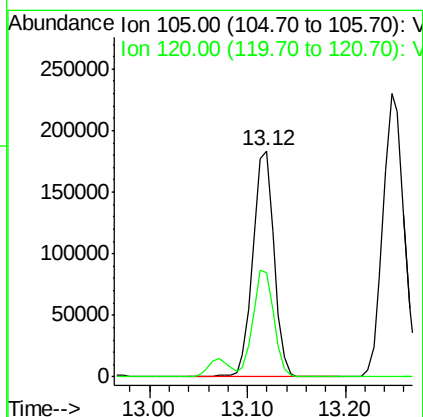
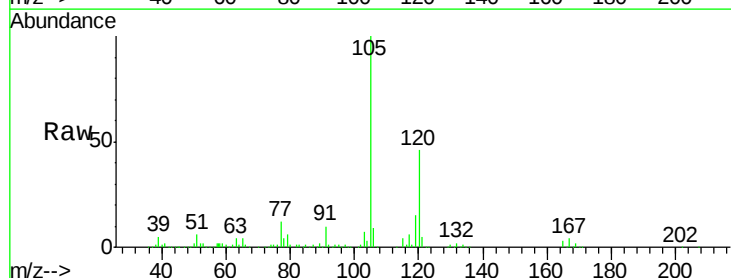
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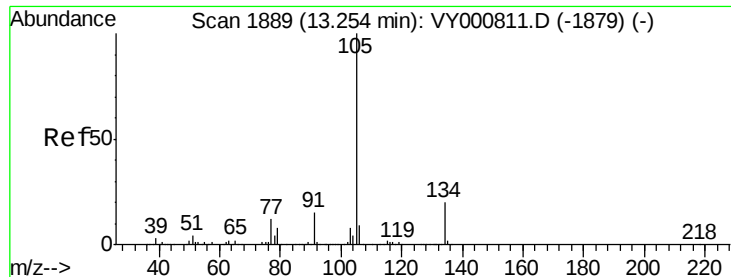
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#84
1,2,4-Trimethylbenzene
Concen: 19.712 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.6	67.8





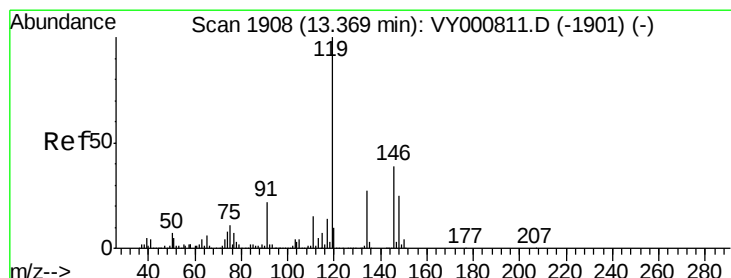
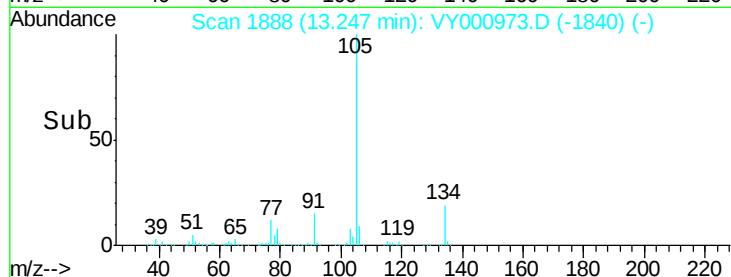
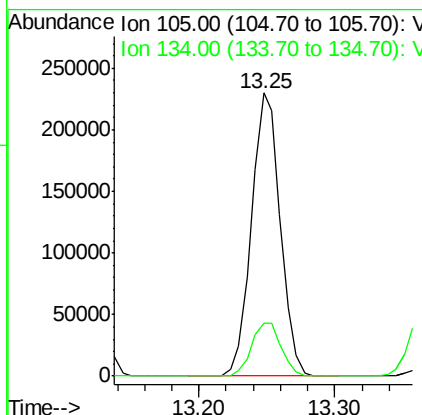
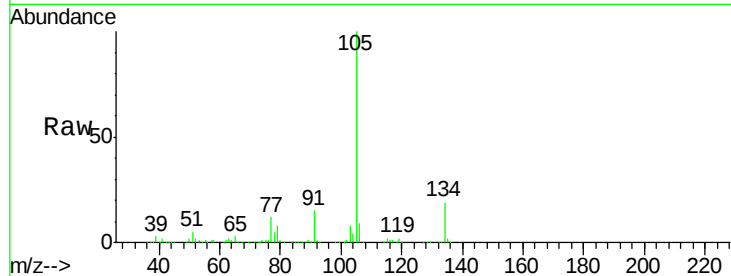
#85
 sec-Butylbenzene
 Concen: 19.914 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.4	10.1	30.1

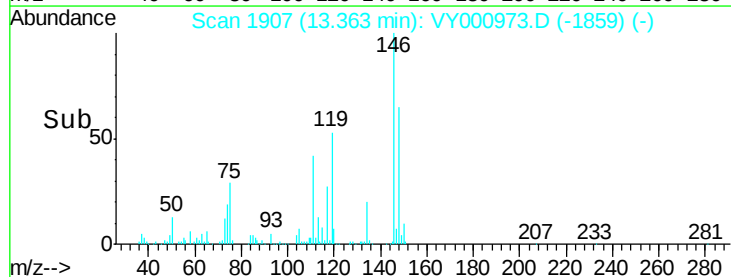
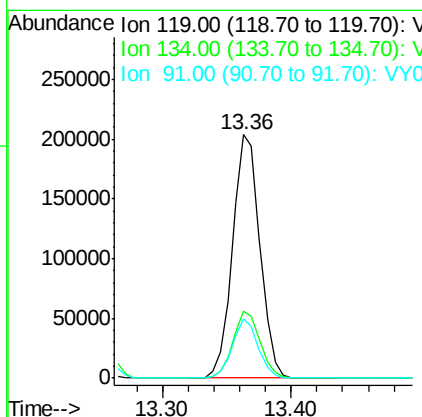
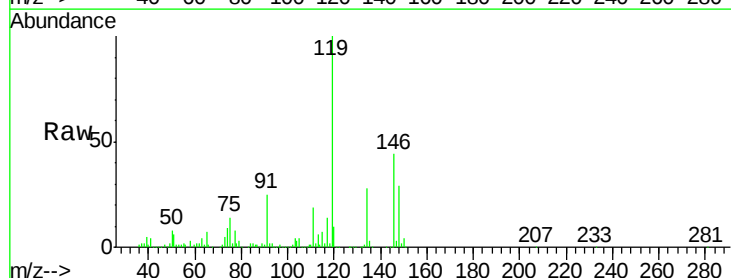
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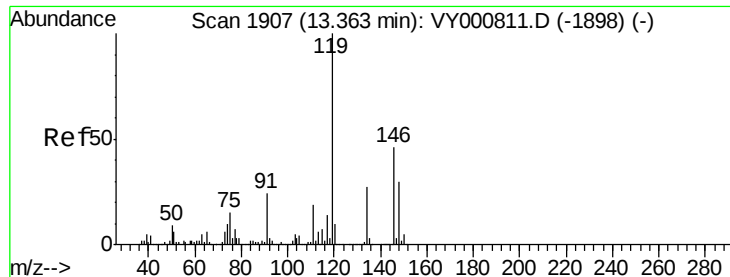
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 20.162 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.2	13.5	40.4
91	23.0	11.5	34.5





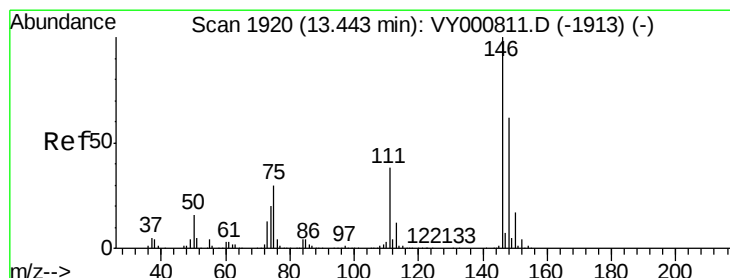
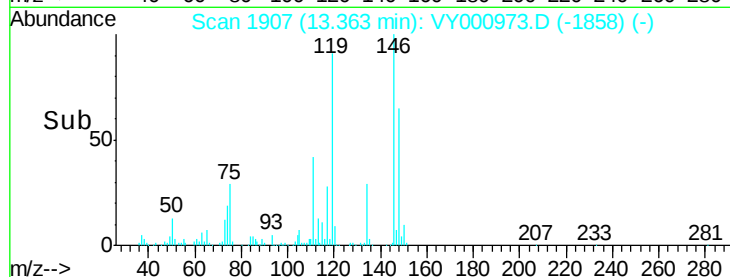
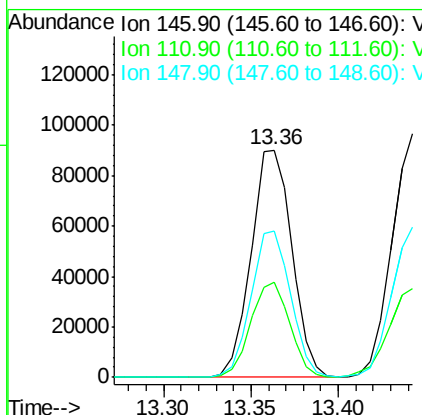
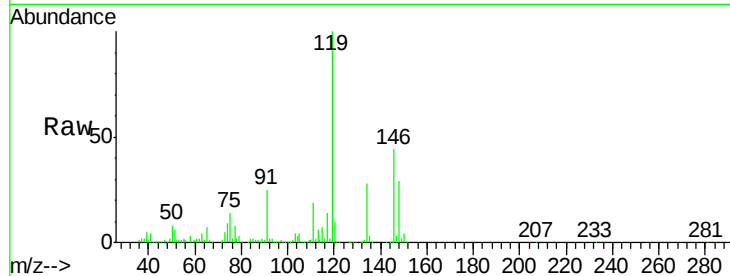
#87
 1,3-Dichlorobenzene
 Concen: 20.374 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	62.7	32.1	96.5

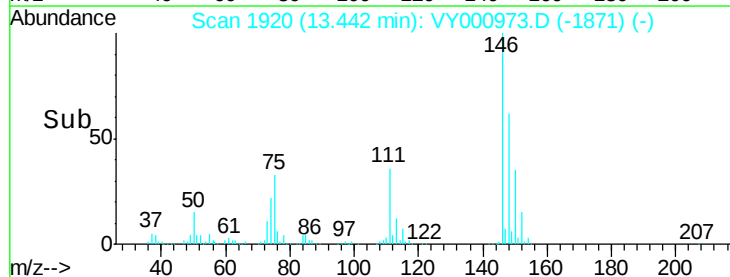
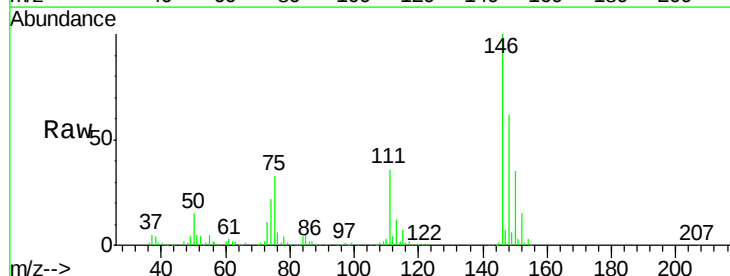
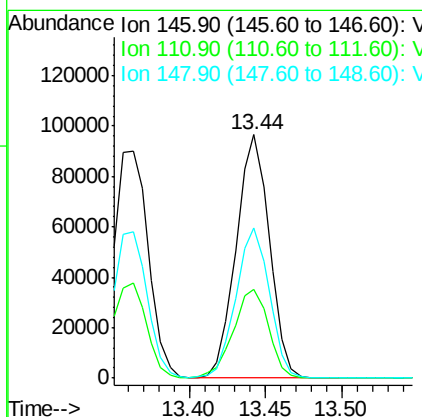
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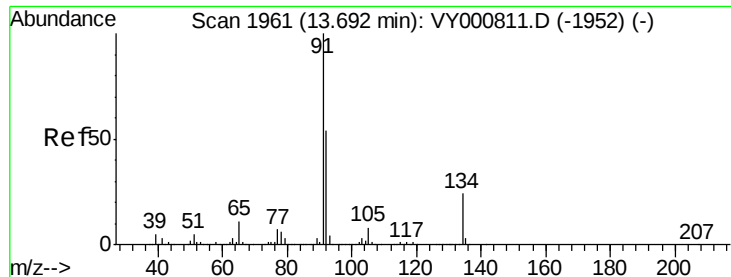
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 20.517 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	62.2	31.7	95.1





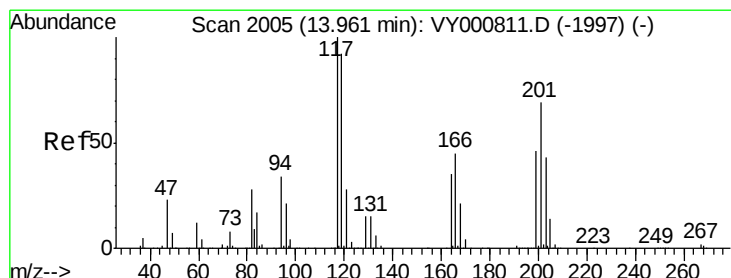
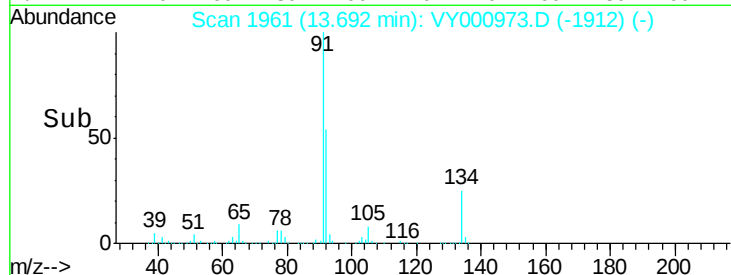
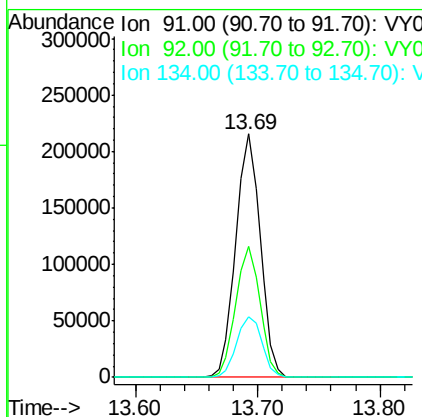
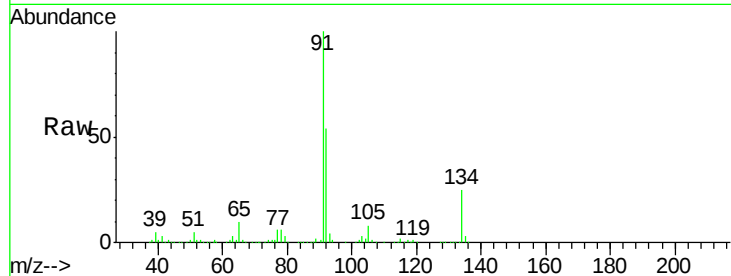
#89
n-Butylbenzene
Concen: 19.888 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	299276		
92	53.4	26.9	80.7	
134	25.6	12.6	37.6	

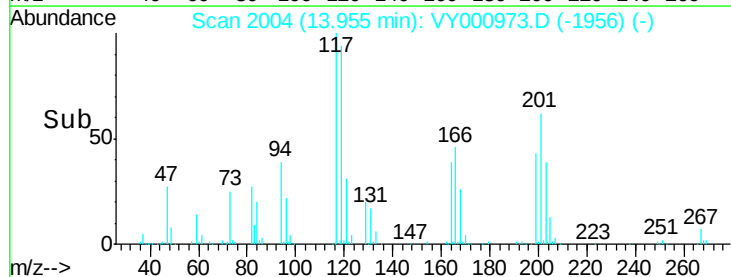
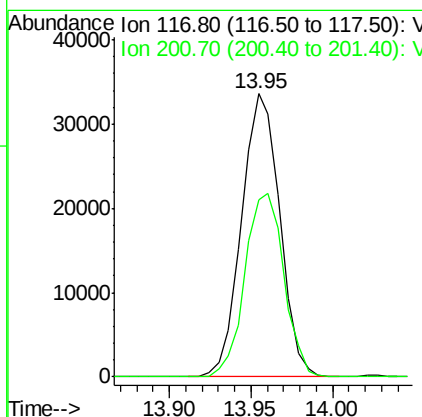
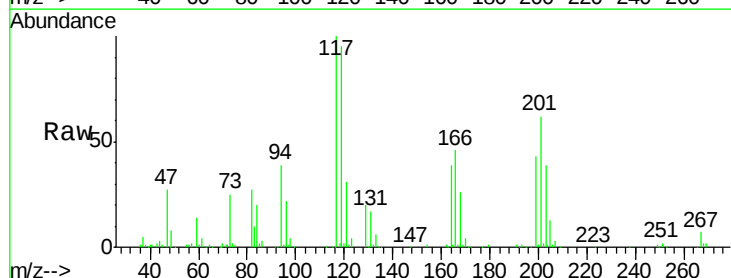
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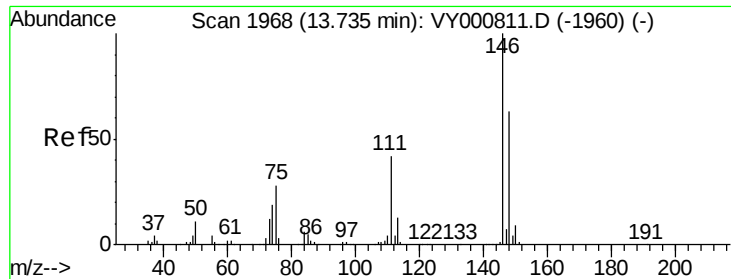
MMDadoda
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#90
Hexachloroethane
Concen: 19.969 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54749		
201	65.8	34.0	102.0	





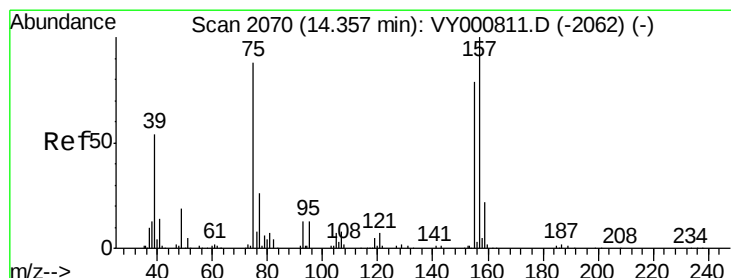
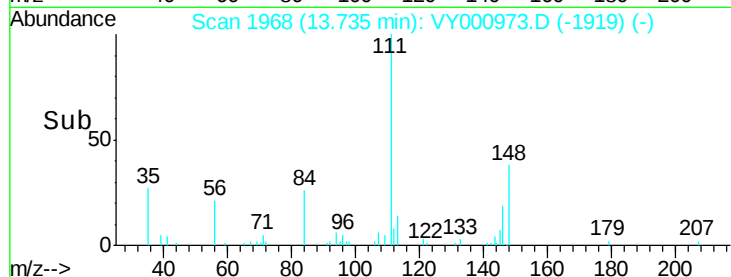
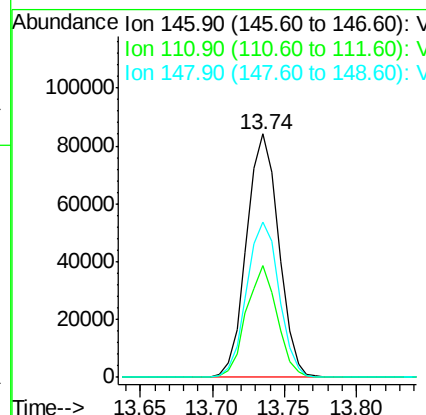
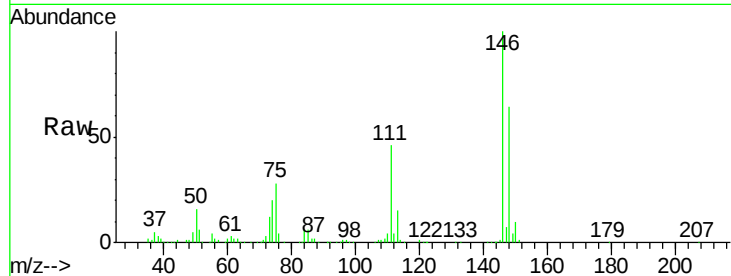
#91
 1,2-Dichlorobenzene
 Concen: 20.147 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.9	62.7
148	64.1	32.1	96.3

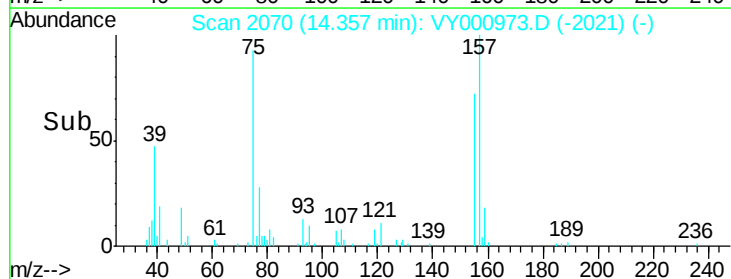
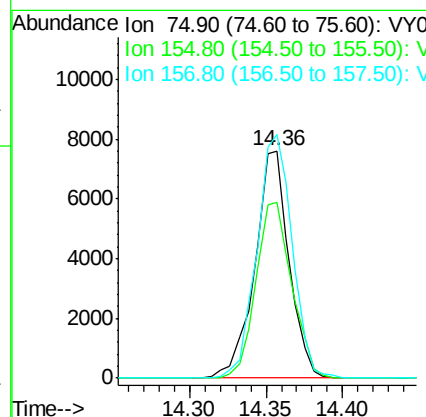
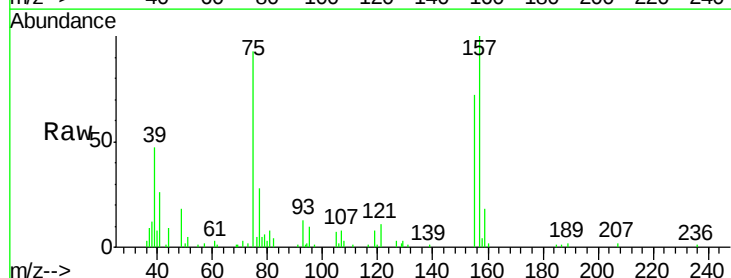
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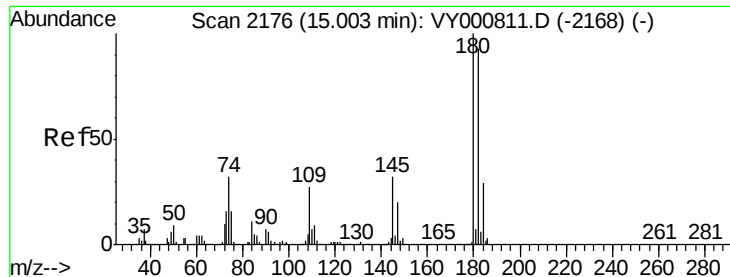
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.329 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	44.3	132.9
157	110.1	56.3	168.9





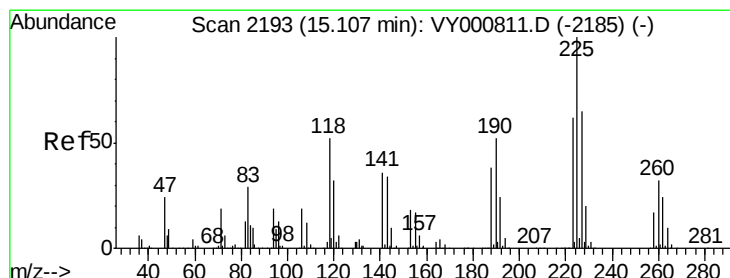
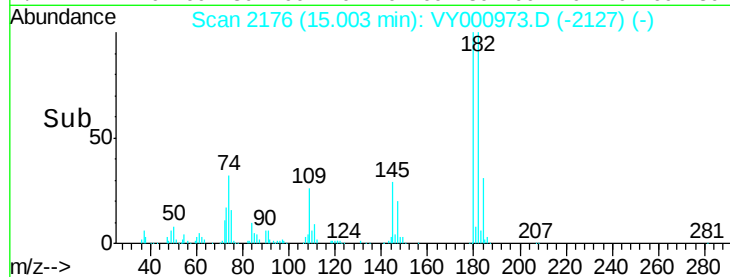
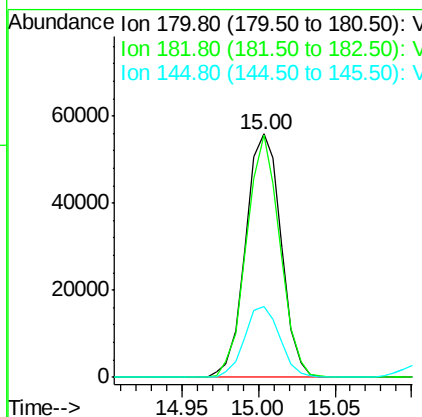
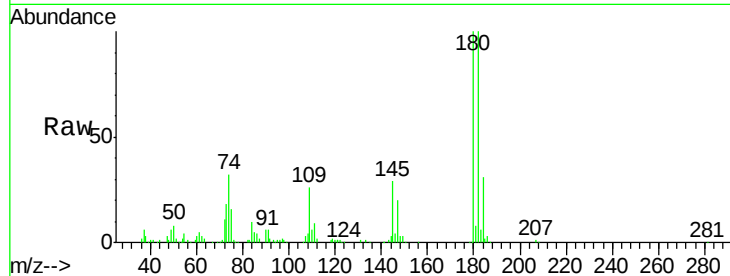
#93
 1,2,4-Trichlorobenzene
 Concen: 20.589 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1217SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.3	141.9
145	29.0	16.0	47.9

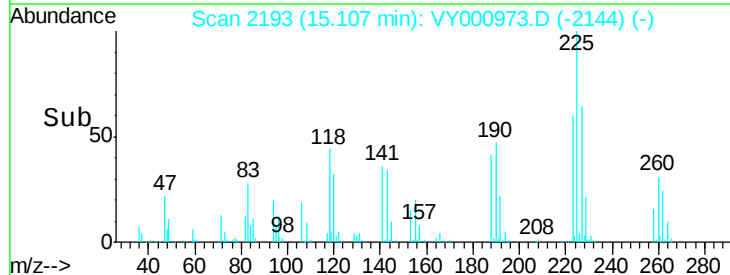
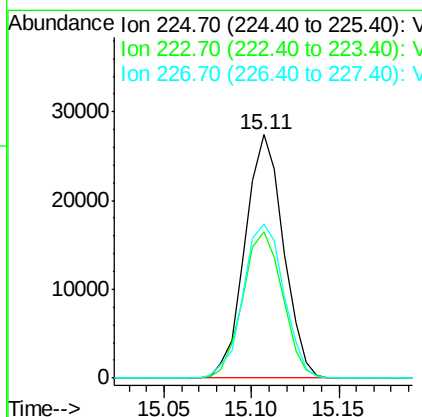
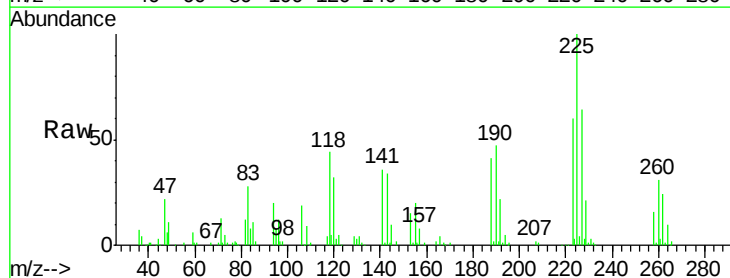
Manual Integrations
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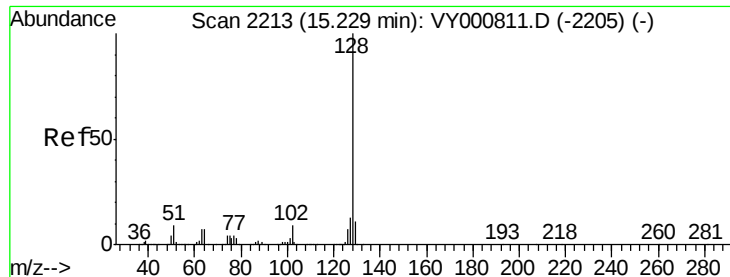
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 12/18/2019 1:02:00 PM



#94
 Hexachlorobutadiene
 Concen: 19.302 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000973.D
 Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.4	94.3
227	67.3	31.8	95.3





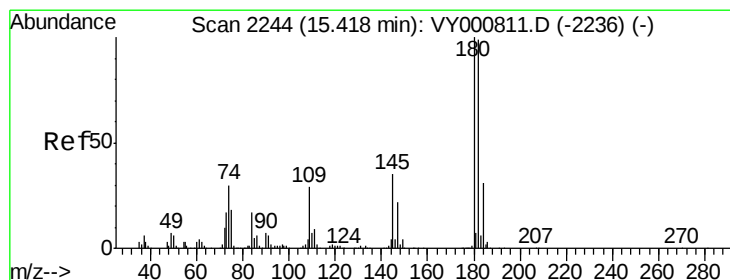
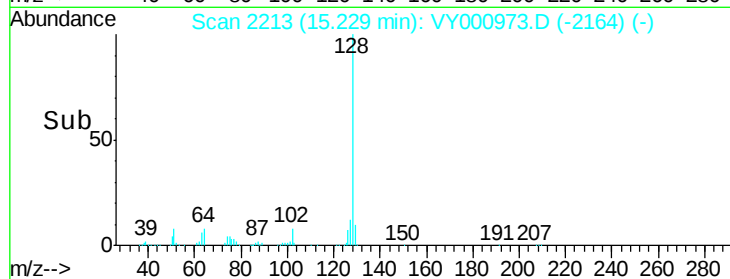
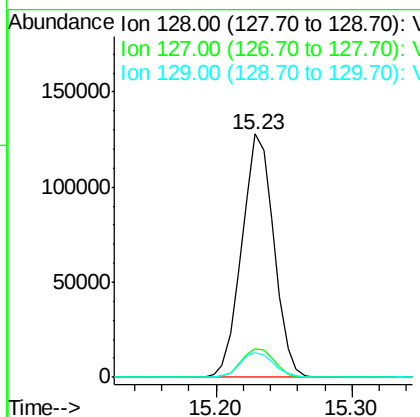
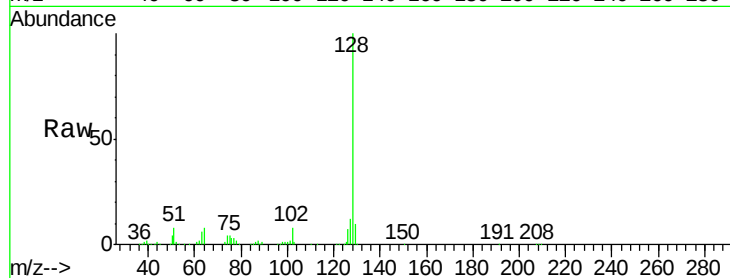
#95
Naphthalene
Concen: 20.754 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Instrument :
MSVOA_Y
ClientSampleId :
VY1217SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	210815		
127	12.2		10.1	15.1
129	10.9		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.534 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000973.D
Acq: 17 Dec 2019 13:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80238		
182	95.0		48.0	144.0
145	32.1		16.9	50.6

