

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121619\
 Data File : VY000947.D
 Acq On : 16 Dec 2019 11:52
 Operator : SY/MD
 Sample : VY1216SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Manual Integrations
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Quant Time: Dec 17 07:09:13 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	311291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	545204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	227384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	154600	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	
35) Dibromofluoromethane	7.72	113	153923	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.18	98	633173	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.48	95	219702	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	59827	17.854	ug/l	94
3) Chloromethane	2.12	50	76715	18.572	ug/l	98
4) Vinyl Chloride	2.25	62	76295	18.742	ug/l	99
5) Bromomethane	2.64	94	49020	18.457	ug/l	100
6) Chloroethane	2.79	64	46503	18.631	ug/l	91
7) Trichlorofluoromethane	3.13	101	107710	19.306	ug/l	97
8) Diethyl Ether	3.53	74	40530	19.302	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	70208	20.378	ug/l	98
10) Methyl Iodide	4.09	142	73781	17.009	ug/l	97
11) Tert butyl alcohol	4.97	59	30787	92.514	ug/l #	91
12) 1,1-Dichloroethene	3.87	96	68883	20.182	ug/l	96
13) Acrolein	3.73	56	29989	91.482	ug/l	99
14) Allyl chloride	4.48	41	117314	20.046	ug/l	96
15) Acrylonitrile	5.18	53	106323	98.058	ug/l	97
16) Acetone	3.95	43	71803	94.628	ug/l	97
17) Carbon Disulfide	4.19	76	210802	19.096	ug/l	97
18) Methyl Acetate	4.48	43	54401	17.146	ug/l	96
19) Methyl tert-butyl Ether	5.22	73	177621	19.486	ug/l	98
20) Methylene Chloride	4.72	84	86100	21.526	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	76030	19.598	ug/l	92
22) Diisopropyl ether	6.13	45	239483	19.910	ug/l	100
23) Vinyl Acetate	6.07	43	719579	98.404	ug/l	97
24) 1,1-Dichloroethane	6.02	63	135903	20.499	ug/l	98
25) 2-Butanone	6.99	43	126320	90.120	ug/l	99
26) 2,2-Dichloropropane	6.99	77	108390	19.425	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	86354	20.593	ug/l	97
28) Bromochloromethane	7.34	49	29904	13.822	ug/l	97
29) Tetrahydrofuran	7.35	42	85760	92.331	ug/l	100
30) Chloroform	7.52	83	123566	18.580	ug/l	94
31) Cyclohexane	7.79	56	134555	19.159	ug/l	92
32) 1,1,1-Trichloroethane	7.71	97	108780	19.808	ug/l	98
36) 1,1-Dichloropropene	7.92	75	103790	19.146	ug/l	100
37) Ethyl Acetate	7.08	43	56029	17.900	ug/l	100
38) Carbon Tetrachloride	7.91	117	95551	19.792	ug/l	95

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 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)
39) Methylcyclohexane	9.18	83	137073	19.085	ug/l	98
40) Benzene	8.16	78	315475	19.979	ug/l	100
41) Methacrylonitrile	7.32	41	29732m	18.022	ug/l	
42) 1,2-Dichloroethane	8.24	62	79023	19.029	ug/l	99
43) Isopropyl Acetate	8.28	43	104500	17.716	ug/l	99
44) Trichloroethene	8.94	130	83957	20.689	ug/l	91
45) 1,2-Dichloropropane	9.22	63	79619	20.074	ug/l	98
46) Dibromomethane	9.31	93	39821	19.215	ug/l	99
47) Bromodichloromethane	9.50	83	93646	19.236	ug/l	98
48) Methyl methacrylate	9.29	41	45134	17.400	ug/l	93
49) 1,4-Dioxane	9.30	88	11419	388.885	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	281586	92.393	ug/l	98
52) Toluene	10.24	92	196368	20.085	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	101932	19.489	ug/l	99
54) cis-1,3-Dichloropropene	9.92	75	122514	19.817	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	60119	19.636	ug/l	95
56) Ethyl methacrylate	10.50	69	83141	18.982	ug/l	98
57) 1,3-Dichloropropane	10.79	76	103329	19.364	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	172653	97.763	ug/l	99
59) 2-Hexanone	10.83	43	190037	85.572	ug/l	99
60) Dibromochloromethane	10.99	129	62957	19.101	ug/l	99
61) 1,2-Dibromoethane	11.09	107	55578	19.261	ug/l	98
64) Tetrachloroethene	10.72	164	84804	20.290	ug/l	99
65) Chlorobenzene	11.51	112	199105	19.911	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	68834	20.426	ug/l	99
67) Ethyl Benzene	11.59	91	372915	20.024	ug/l	97
68) m/p-Xylenes	11.70	106	277216	39.658	ug/l	100
69) o-Xylene	12.03	106	133898	20.544	ug/l	96
70) Styrene	12.04	104	224461	20.113	ug/l	98
71) Bromoform	12.20	173	36864	19.396	ug/l #	98
73) Isopropylbenzene	12.33	105	352646	19.478	ug/l	99
74) N-amyl acetate	12.14	43	94763	18.805	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	65144	18.261	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	46635m	18.102	ug/l	
77) Bromobenzene	12.61	156	77539	19.758	ug/l	98
78) n-propylbenzene	12.67	91	429211	19.416	ug/l	99
79) 2-Chlorotoluene	12.75	91	236378	19.355	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	294409	19.640	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23989	18.291	ug/l	93
82) 4-Chlorotoluene	12.85	91	244196	19.408	ug/l	99
83) tert-Butylbenzene	13.07	119	250311	19.861	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	290863	19.394	ug/l	97
85) sec-Butylbenzene	13.25	105	364770	19.901	ug/l	99
86) p-Isopropyltoluene	13.36	119	319206	20.022	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	153091	19.885	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	149176	19.570	ug/l	98
89) n-Butylbenzene	13.69	91	320458	19.881	ug/l	100
90) Hexachloroethane	13.96	117	57619	19.620	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	140091	20.230	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11046	18.496	ug/l	95

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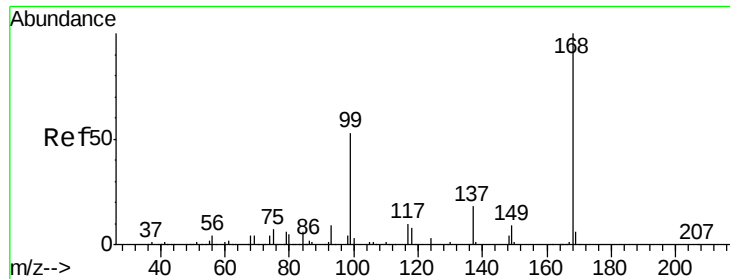
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Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	92716	19.786	ug/l	98
94) Hexachlorobutadiene	15.11	225	48011	20.665	ug/l	99
95) Naphthalene	15.23	128	205521	18.889	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	83486	19.946	ug/l	98

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



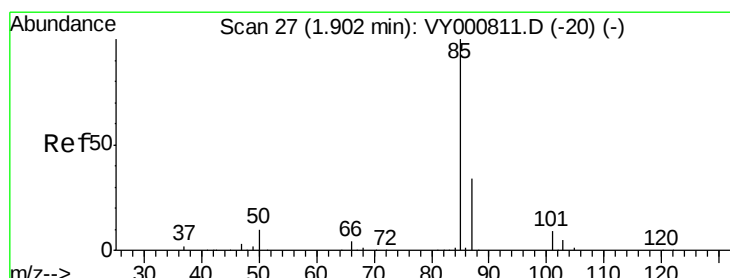
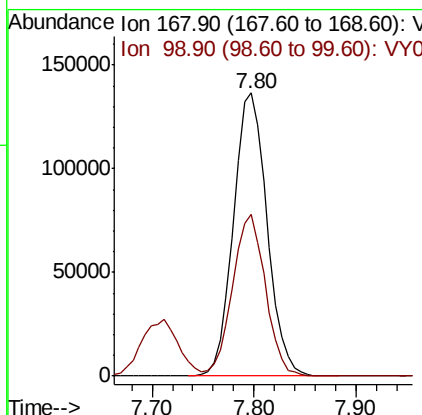
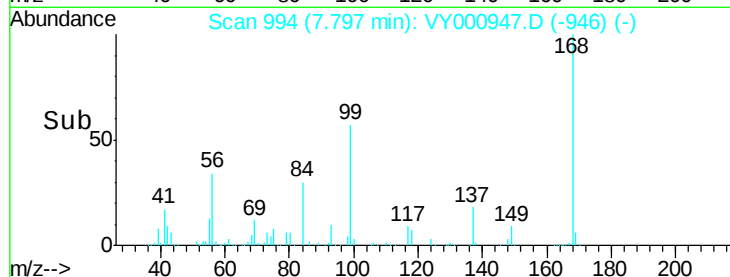
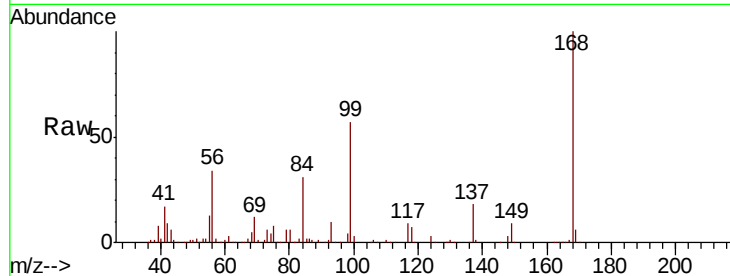
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.2	45.0	67.6

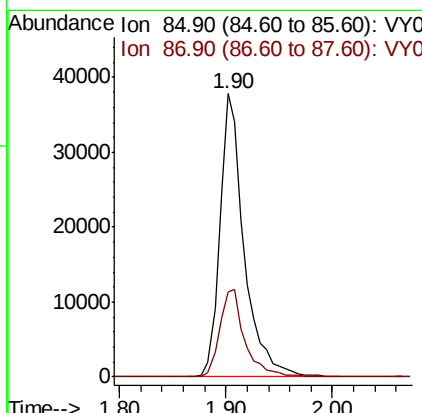
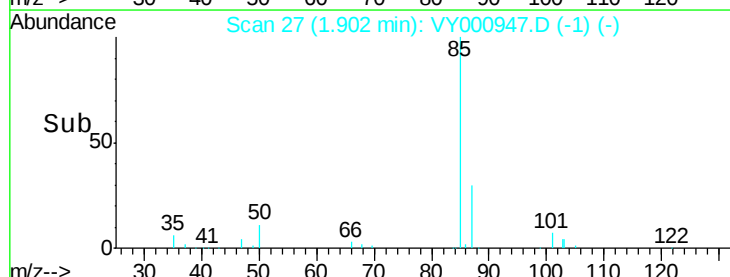
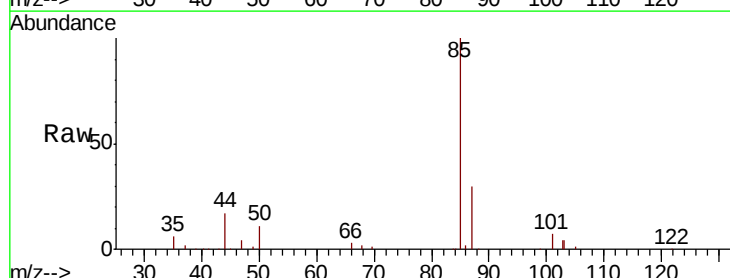
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#2
Dichlorodifluoromethane
Concen: 17.854 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.2	16.8	50.3





#3

Chloromethane

Concen: 18.572 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 50 Resp: 76715

Ion Ratio Lower Upper

50 100

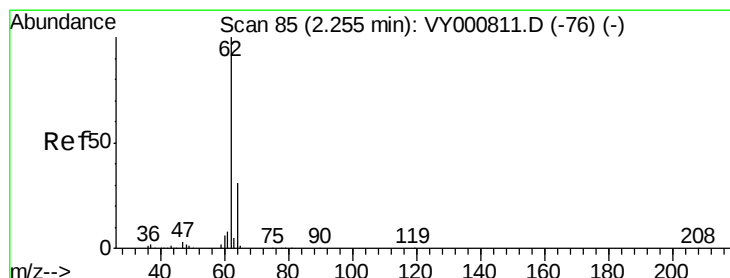
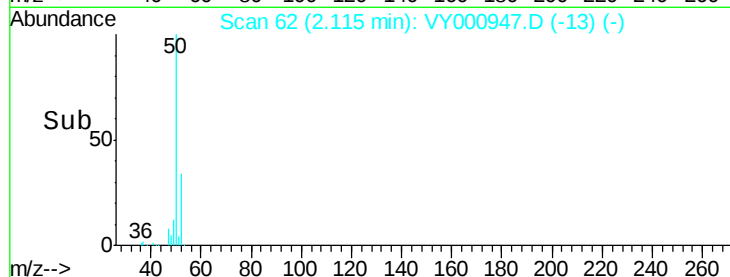
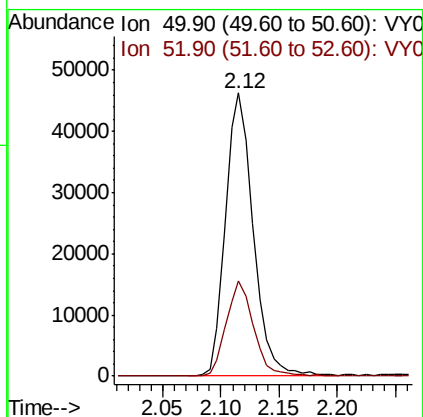
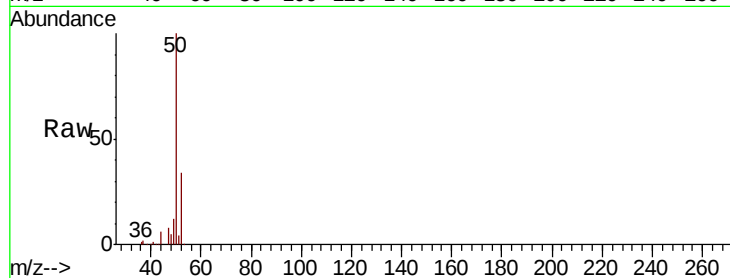
52 33.7 26.0 39.0

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#4

Vinyl Chloride

Concen: 18.742 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000947.D

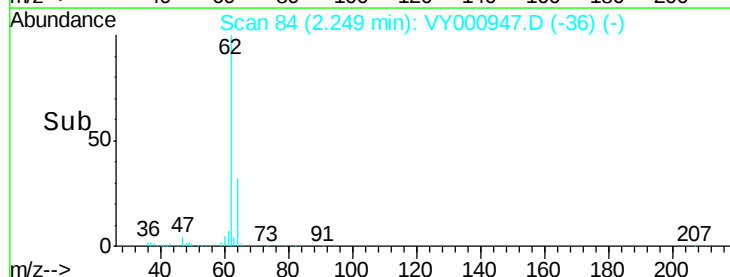
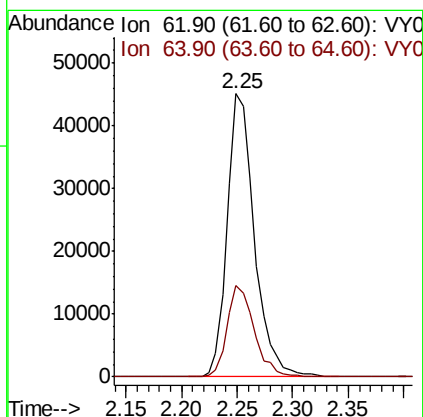
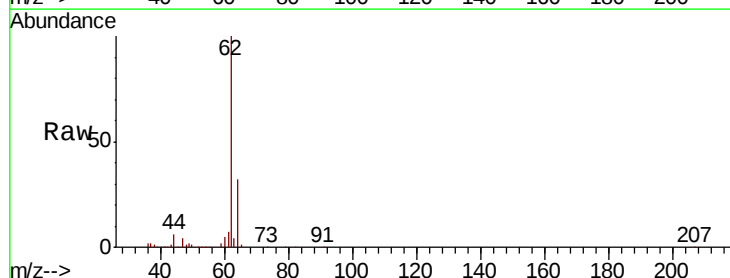
Acq: 16 Dec 2019 11:52

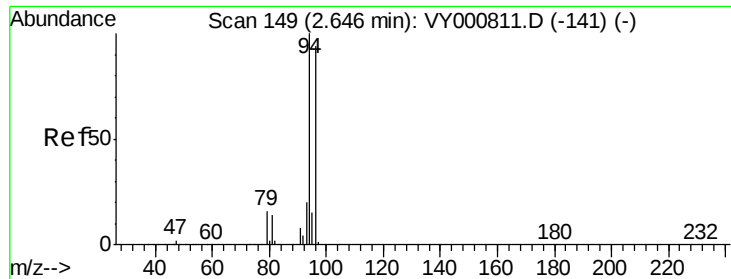
Tgt Ion: 62 Resp: 76295

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 18.457 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 94 Resp: 49020

Ion Ratio Lower Upper

94 100

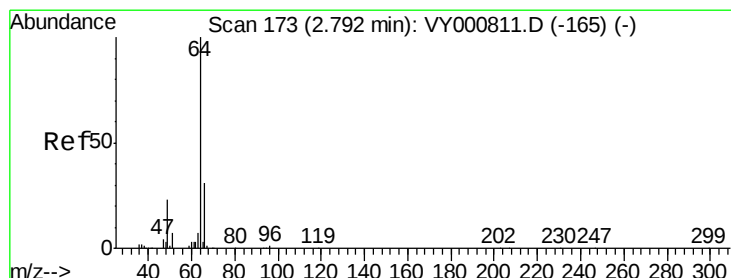
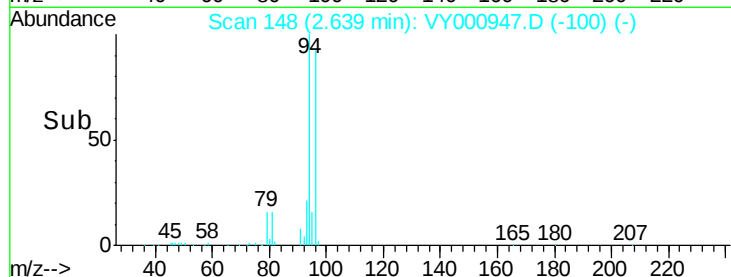
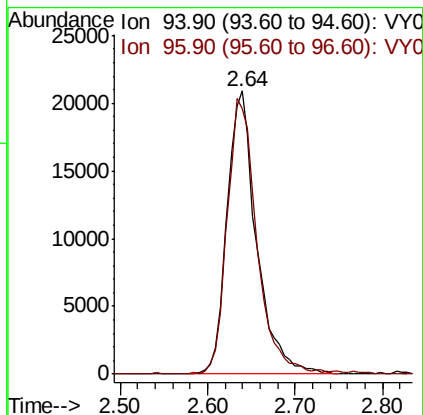
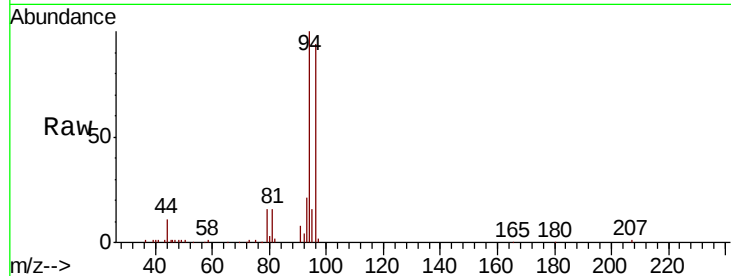
96 93.9 75.2 112.8

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#6

Chloroethane

Concen: 18.631 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000947.D

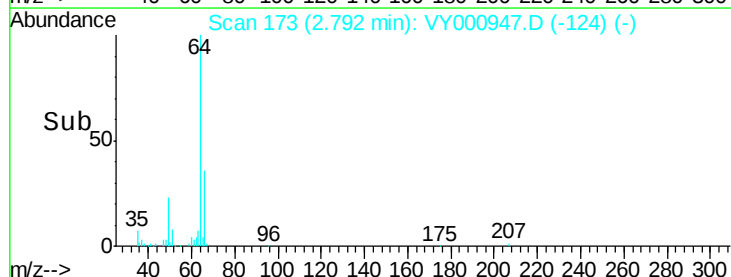
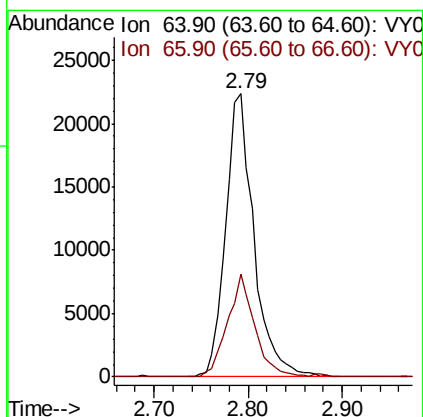
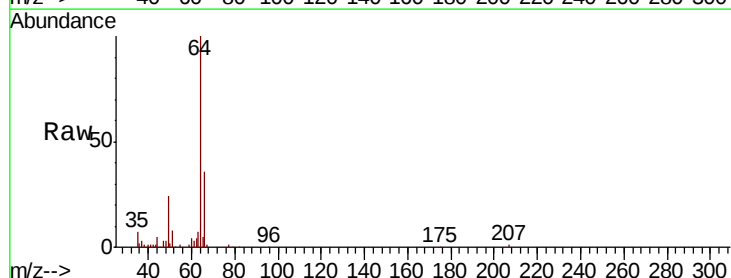
Acq: 16 Dec 2019 11:52

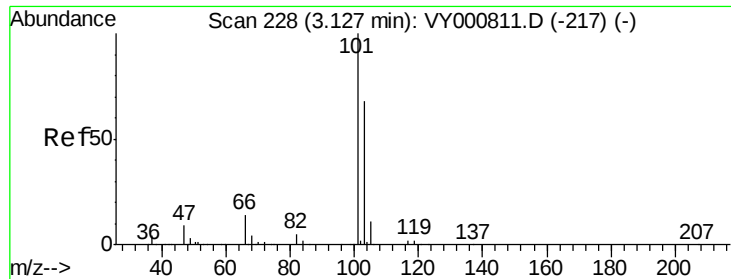
Tgt Ion: 64 Resp: 46503

Ion Ratio Lower Upper

64 100

66 36.4 25.0 37.4





#7

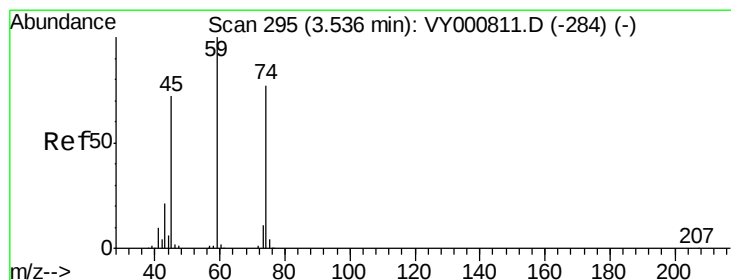
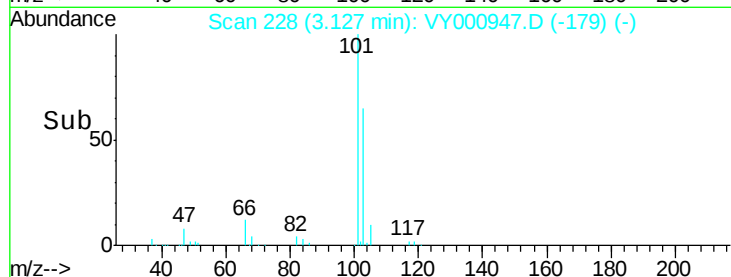
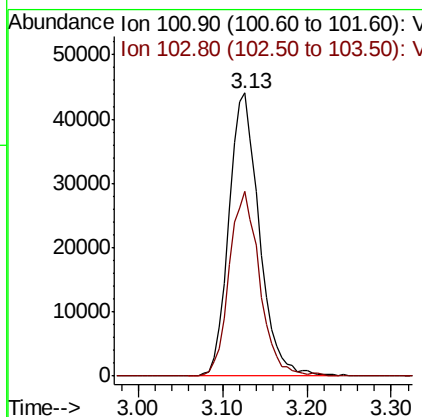
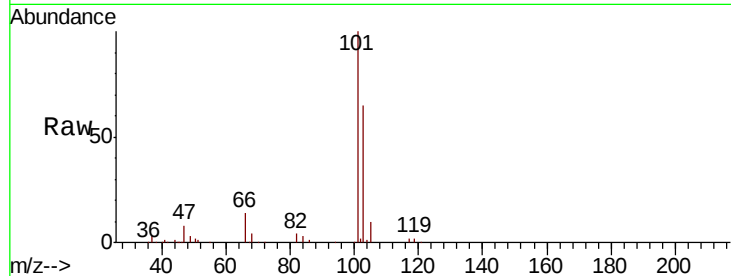
Trichlorofluoromethane
 Concen: 19.306 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	54.2	81.2

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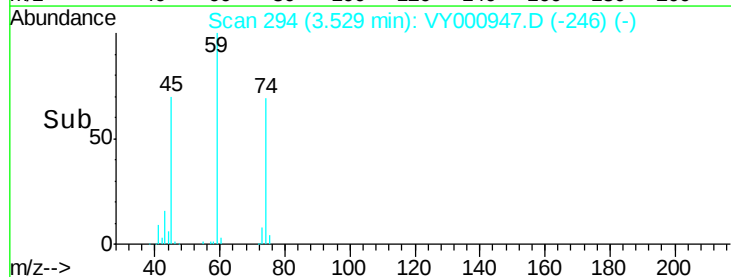
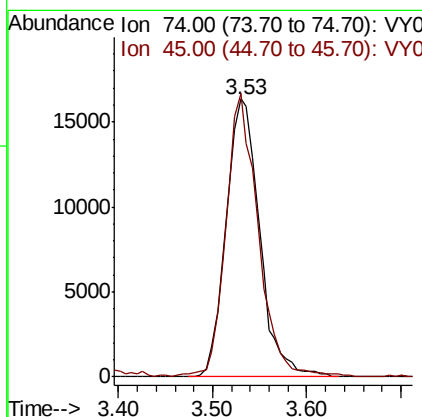
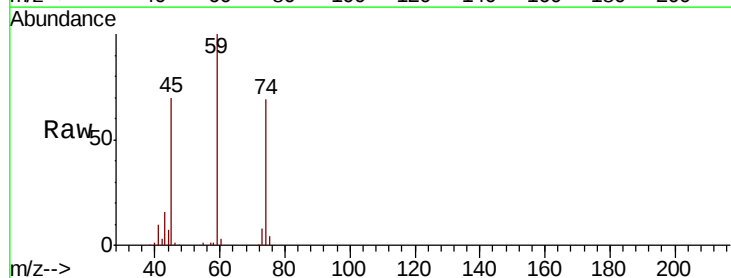
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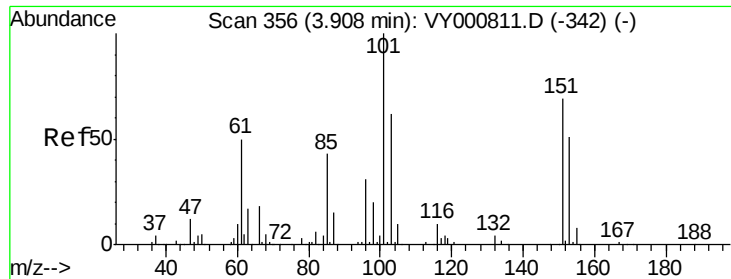


#8

Diethyl Ether
 Concen: 19.302 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.4	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.378 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

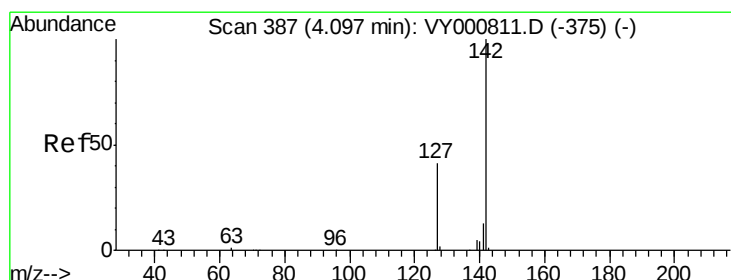
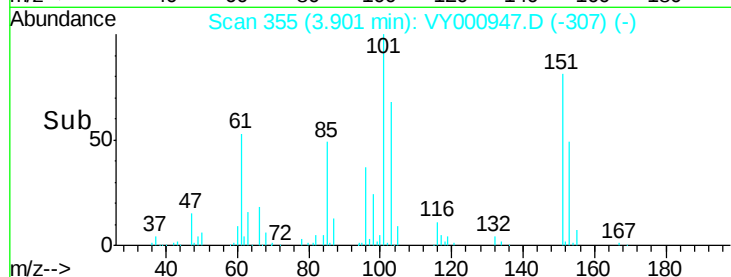
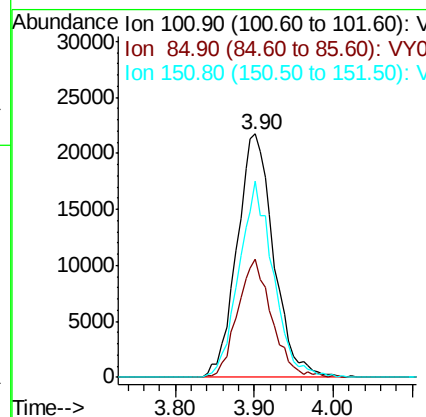
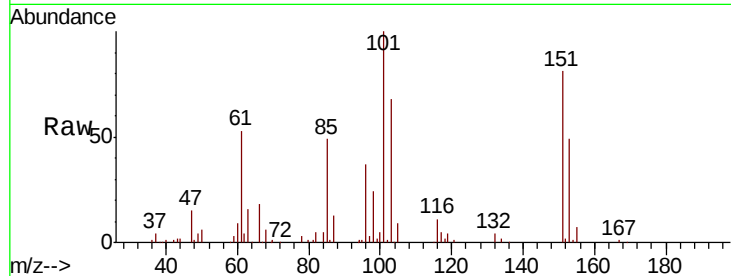
ClientSampleId :

VY1216SBS01

Tot Ion:	101	Resp:	70208
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	75.5	58.2	87.2

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#10

Methyl Iodide

Concen: 17.009 ug/l

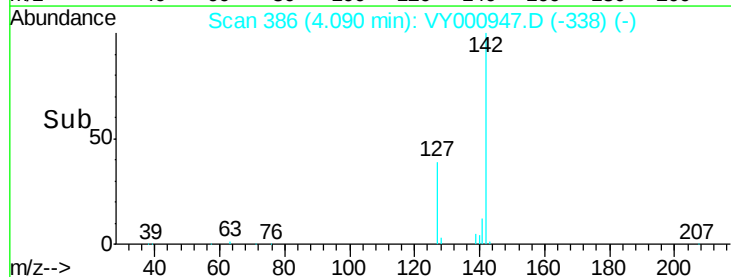
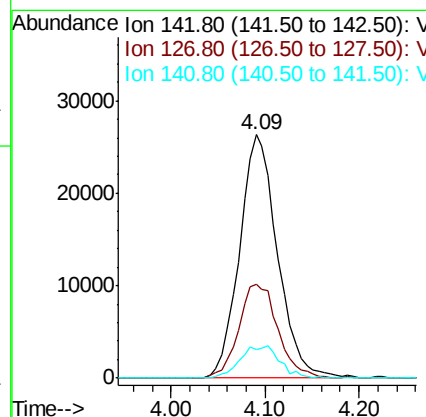
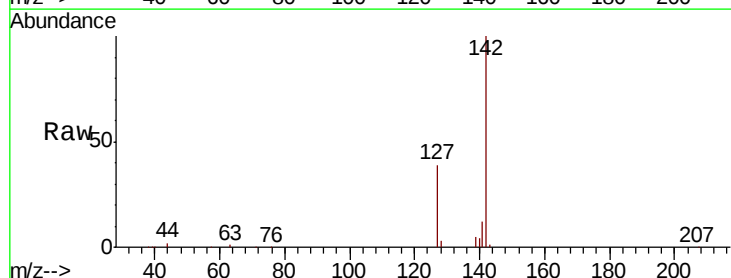
RT: 4.09 min Scan# 386

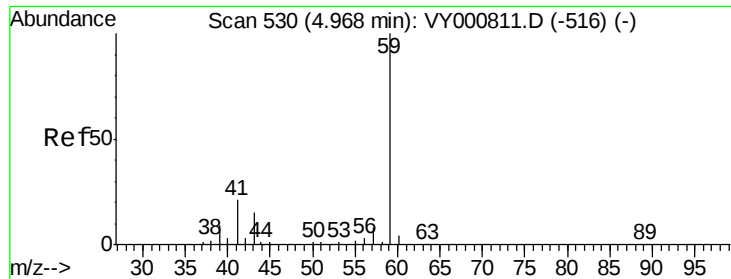
Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Tgt Ion:	142	Resp:	73781
Ion Ratio	Lower	Upper	
142	100		
127	40.1	33.8	50.8
141	14.0	10.9	16.3





#11

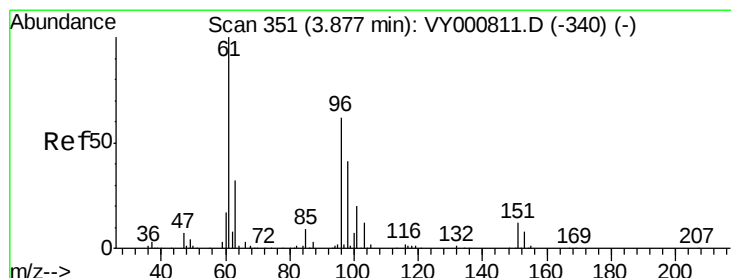
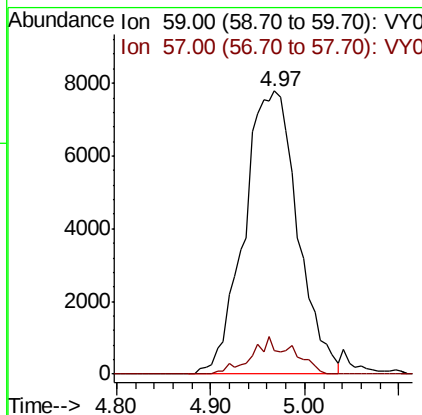
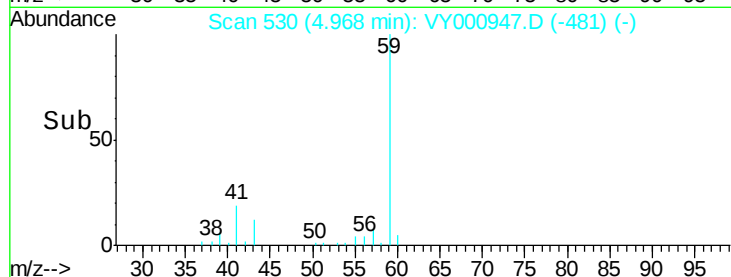
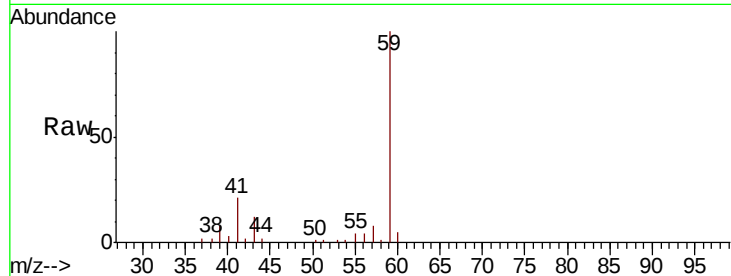
Tert butyl alcohol
 Concen: 92.514 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion: 59 Resp: 30787
 Ion Ratio Lower Upper
 59 100
 57 6.5 7.8 11.6#

Manual Integrations
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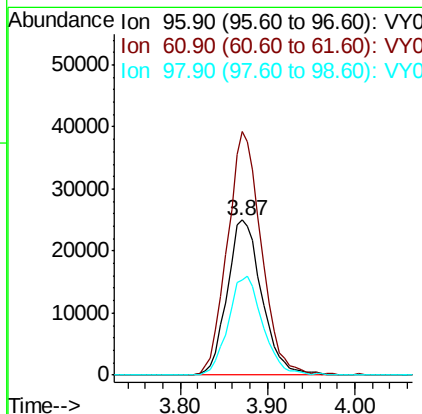
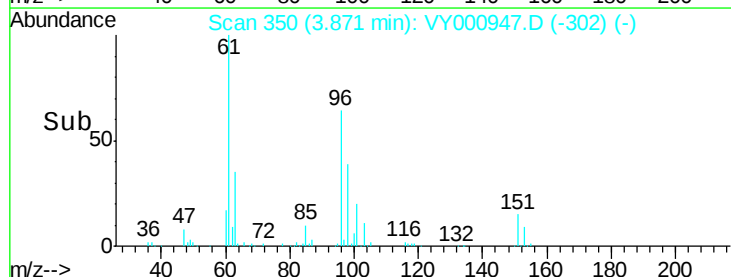
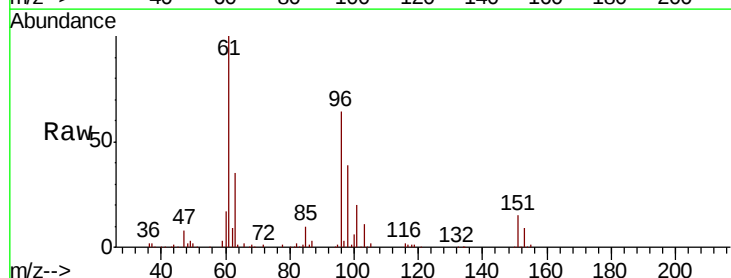
apatel
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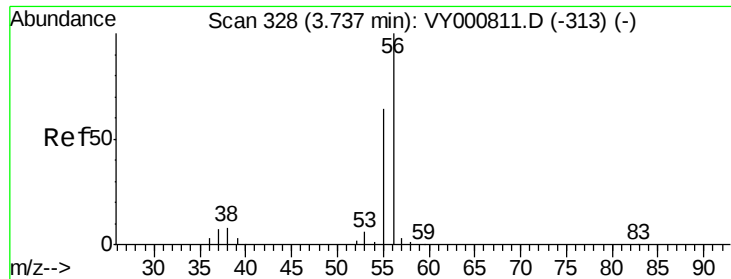


#12

1,1-Dichloroethene
 Concen: 20.182 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion: 96 Resp: 68883
 Ion Ratio Lower Upper
 96 100
 61 157.0 129.4 194.2
 98 61.3 53.4 80.0





#13

Acrolein

Concen: 91.482 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 56 Resp: 29989

Ion Ratio Lower Upper

56 100

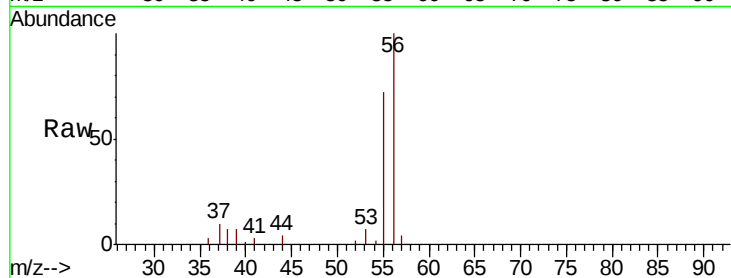
55 70.5 55.7 83.5

Manual Integrations

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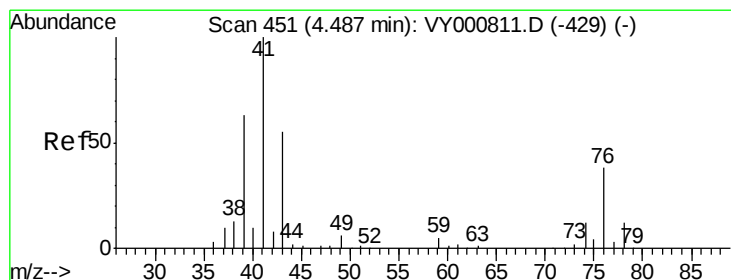
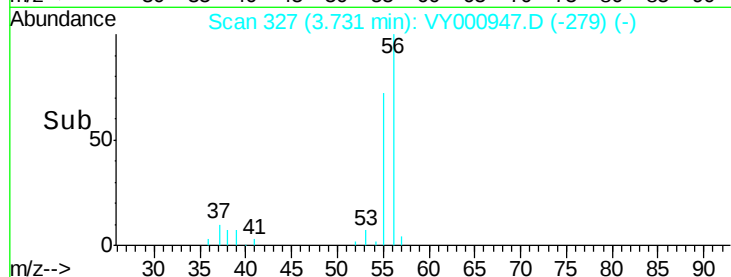
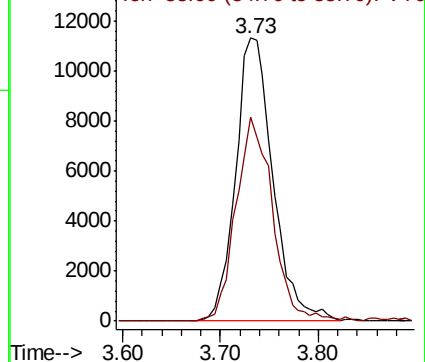
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 20.046 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

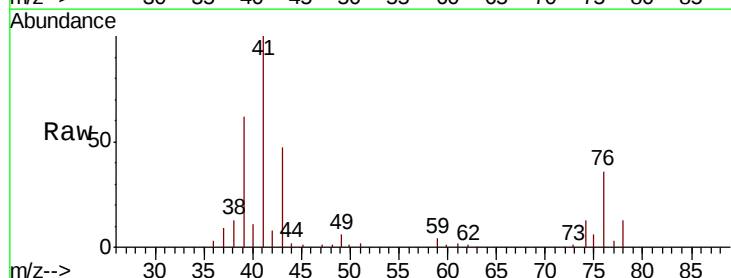
Tgt Ion: 41 Resp: 117314

Ion Ratio Lower Upper

41 100

39 57.1 49.2 73.8

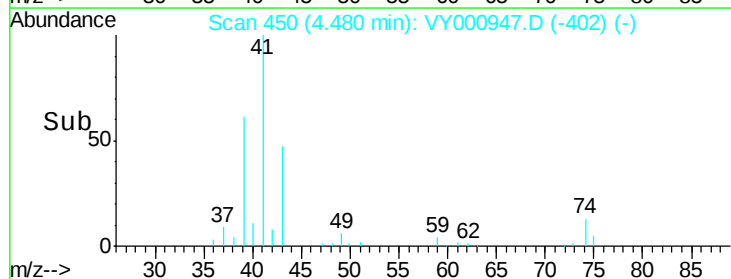
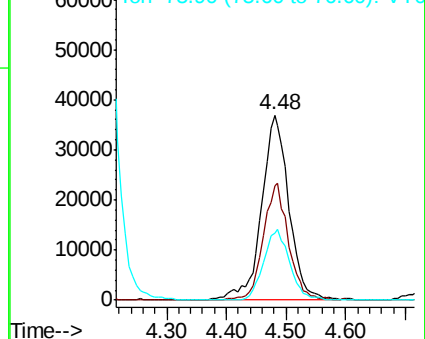
76 36.4 29.2 43.8

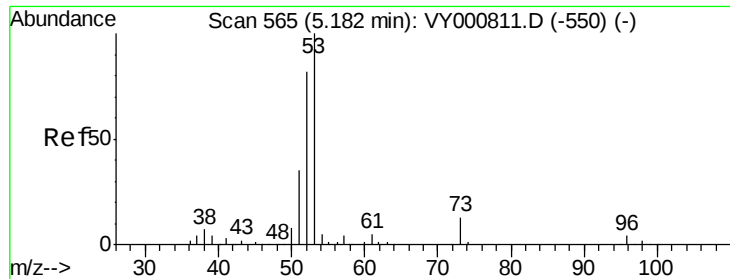


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





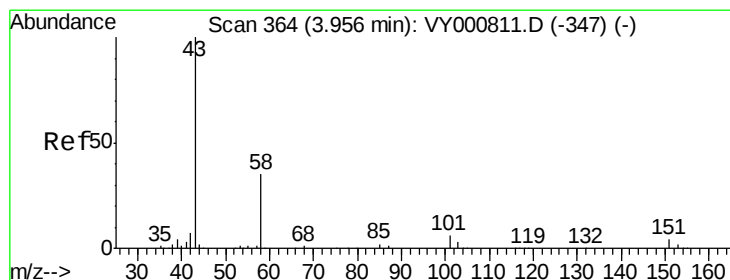
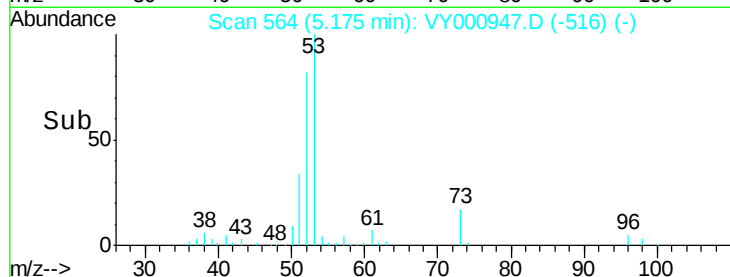
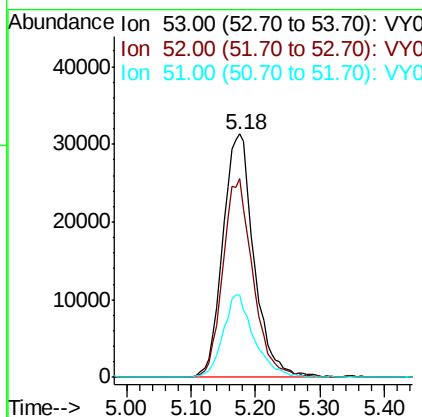
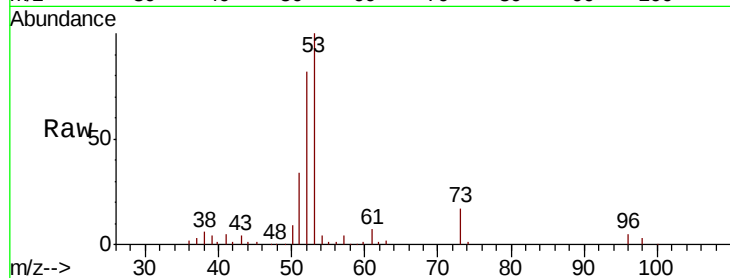
#15
Acrylonitrile
Concen: 98.058 ug/l
RT: 5.18 min Scan# 564
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	78.6	65.1	97.7
51	33.8	29.0	43.4

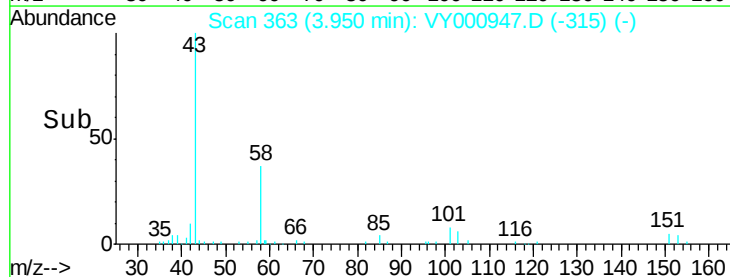
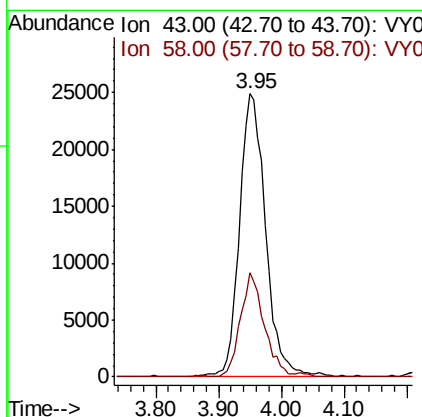
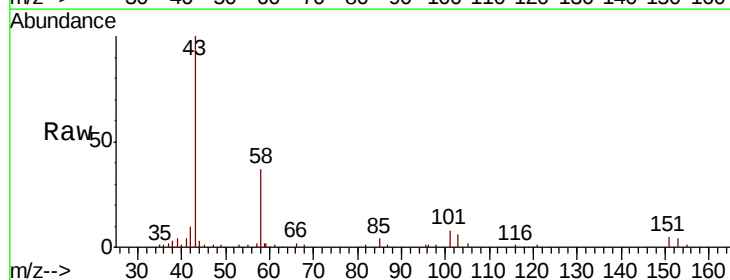
Manual Integrations
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#16
Acetone
Concen: 94.628 ug/l
RT: 3.95 min Scan# 363
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	28.0	42.0





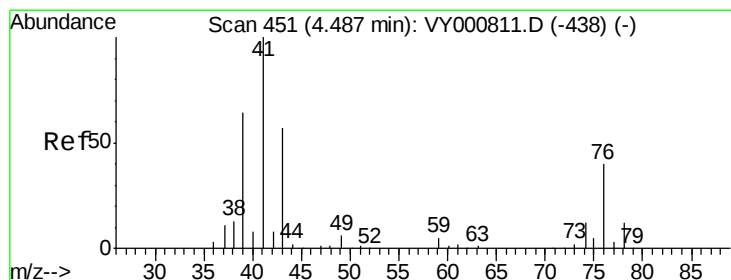
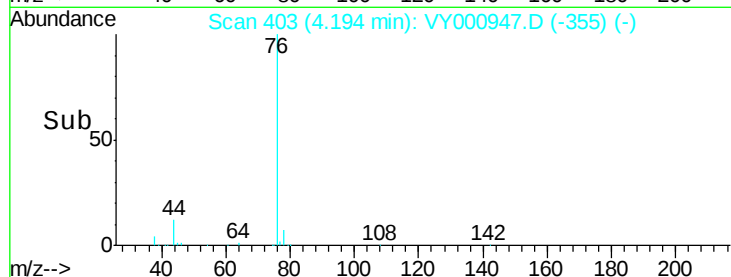
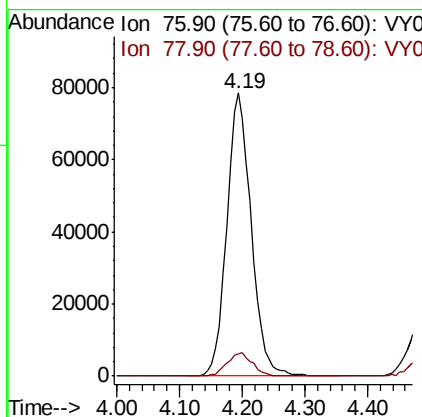
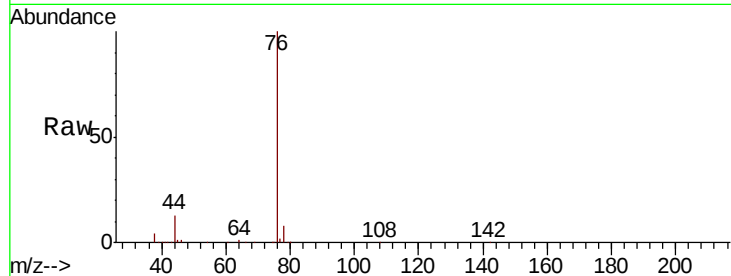
#17
Carbon Disulfide
Concen: 19.096 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion: 76 Resp: 210802
Ion Ratio Lower Upper
76 100
78 8.0 7.3 10.9

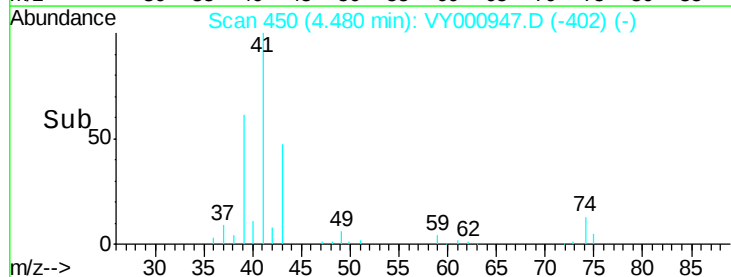
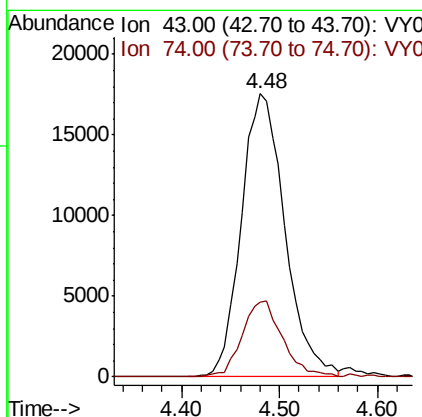
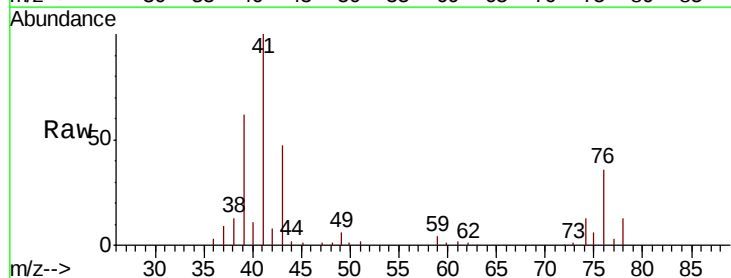
Manual Integrations
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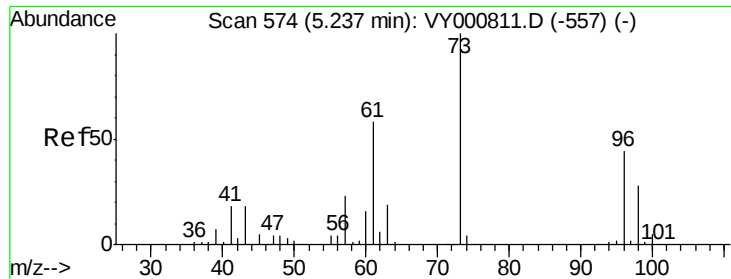
apatel
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#18
Methyl Acetate
Concen: 17.146 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion: 43 Resp: 54401
Ion Ratio Lower Upper
43 100
74 24.9 18.5 27.7





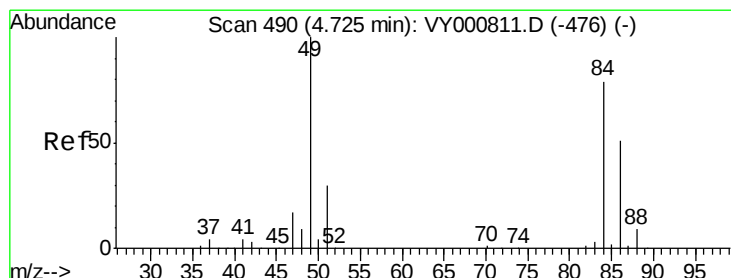
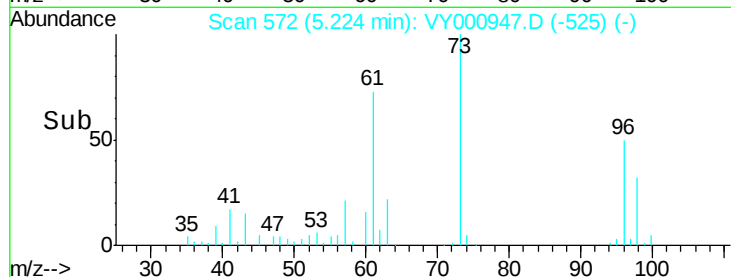
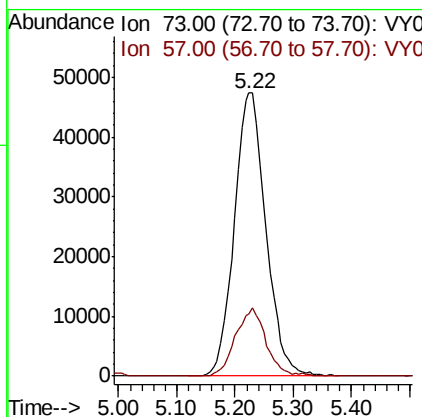
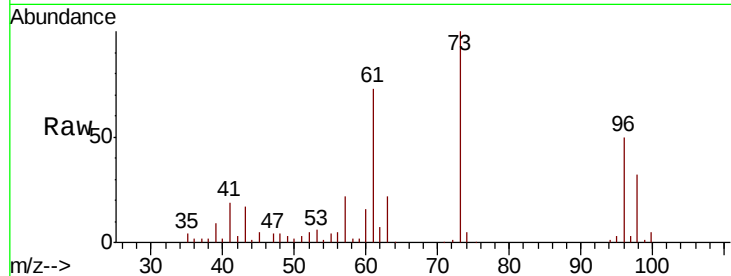
#19
Methvl tert-butvl Ether
Concen: 19.486 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampled :
VY1216SBS01

Tot Ion: 73 Resp: 177621
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

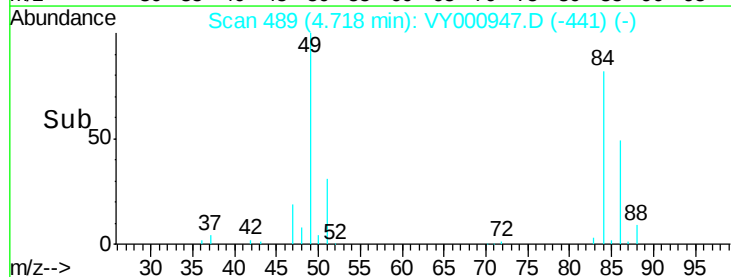
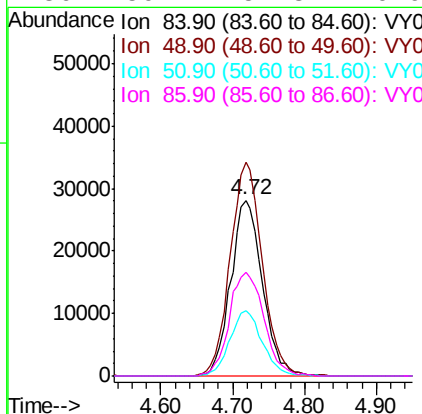
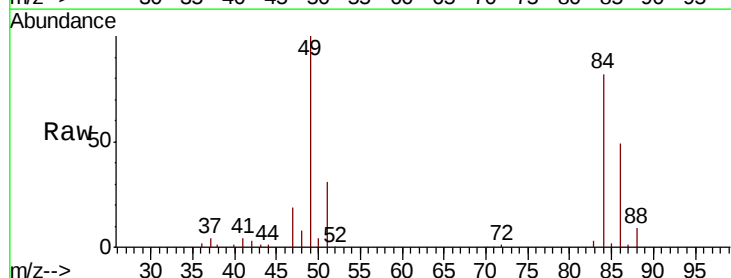
Manual Integrations
APPROVED

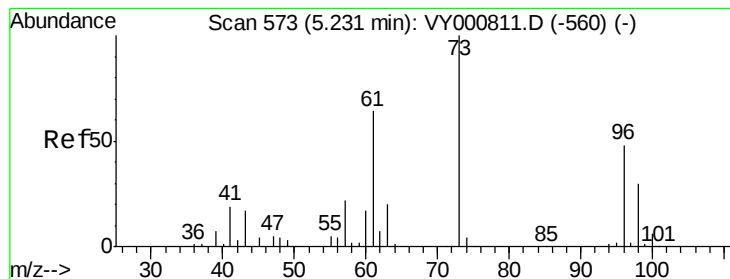
apatel
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#20
Methylene Chloride
Concen: 21.526 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion: 84 Resp: 86100
Ion Ratio Lower Upper
84 100
49 121.4 101.3 151.9
51 37.5 30.6 45.8
86 59.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.598 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

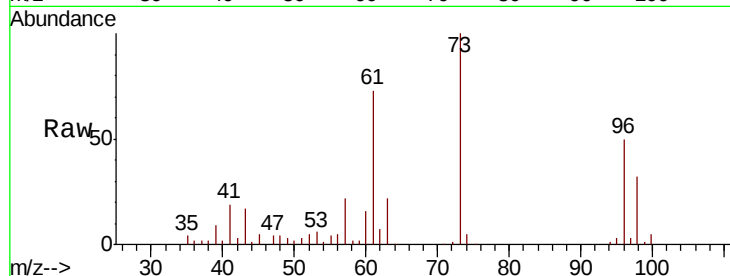
ClientSampleId :

VY1216SBS01

Tot Ion:	96	Resp:	76030
Ion	Ratio	Lower	Upper
96	100		
61	145.2	105.9	158.9
98	62.9	49.4	74.2

Manual Integrations
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apatel
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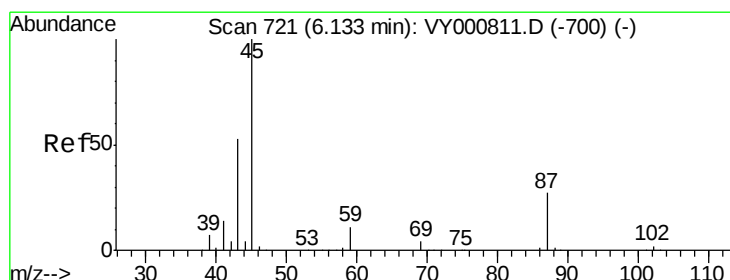
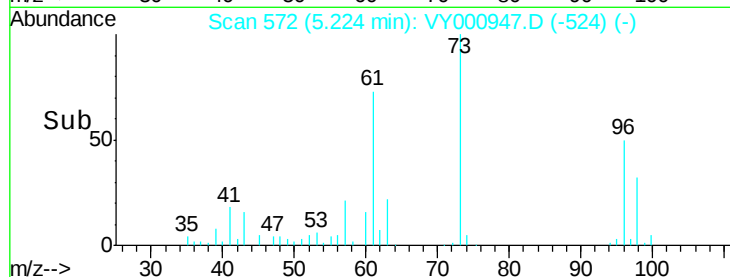
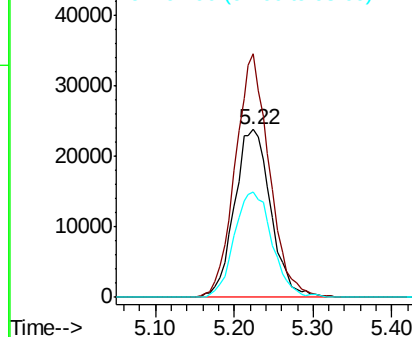


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 19.910 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Tgt Ion:	45	Resp:	239483
Ion	Ratio	Lower	Upper
45	100		
43	53.8	42.7	64.1
87	27.5	22.0	33.0
59	11.2	8.9	13.3

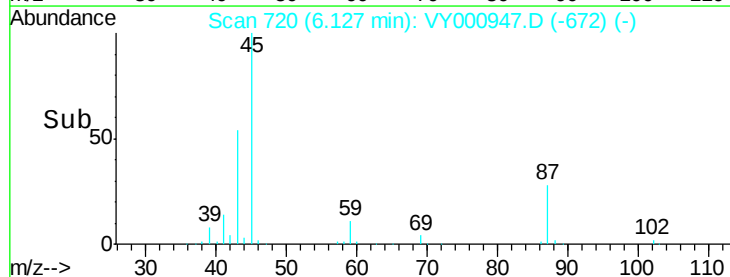
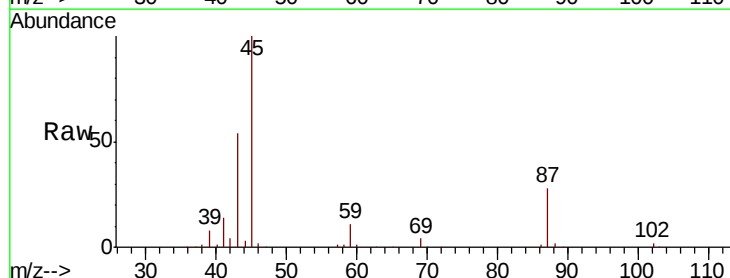
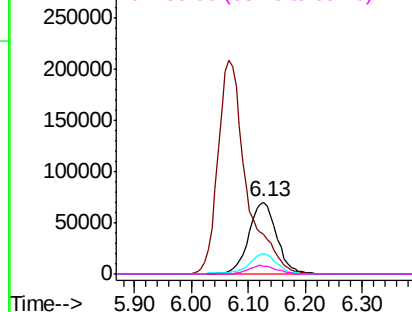
Abundance

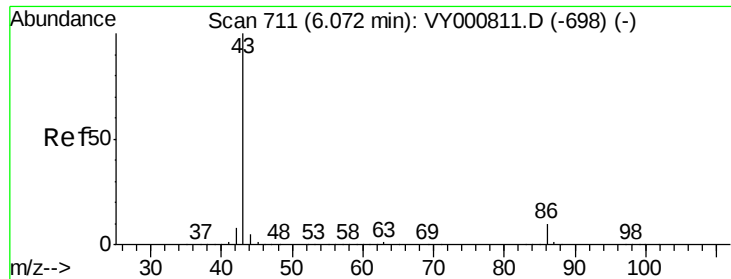
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 98.404 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 43 Resp: 719579

Ion Ratio Lower Upper

43 100

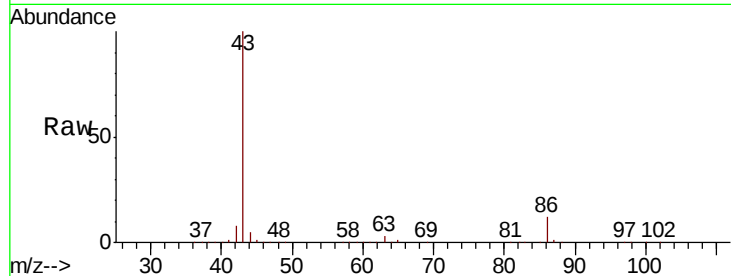
86 11.6 8.3 12.5

Manual Integrations

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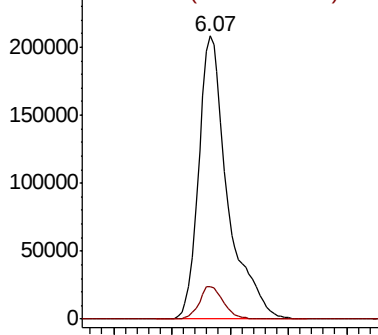
apatel

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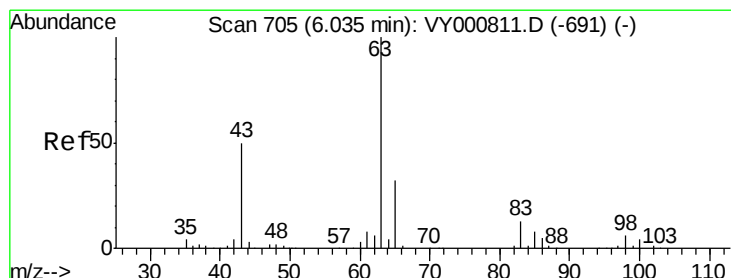
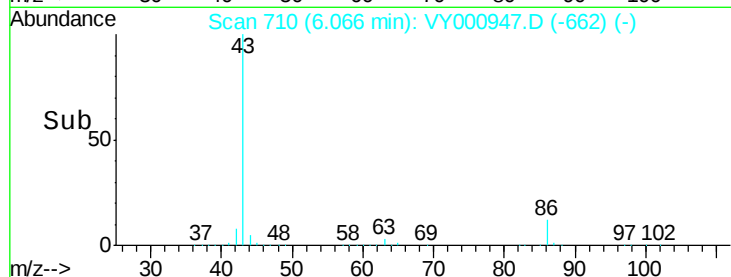


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 20.499 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

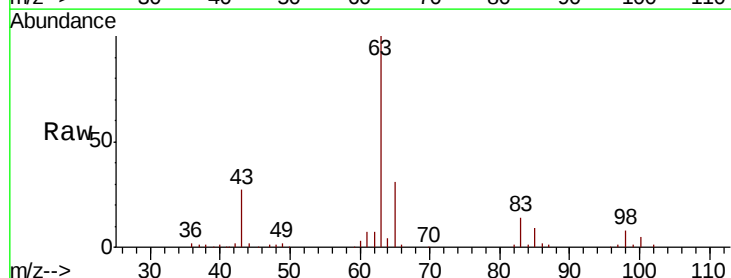
Tgt Ion: 63 Resp: 135903

Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.8

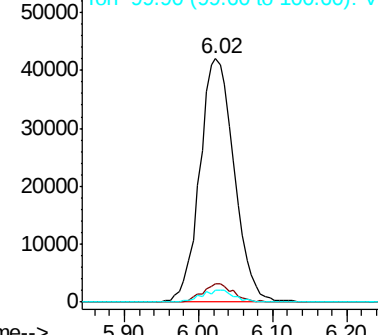
100 4.7 2.2 6.6



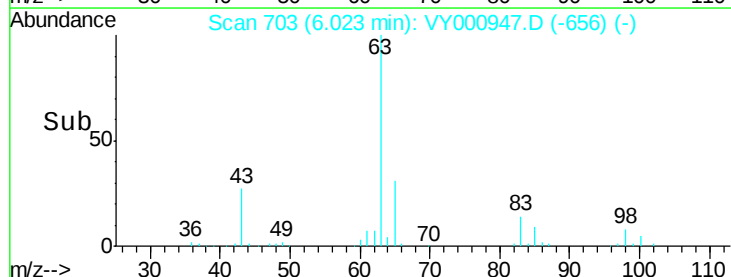
Abundance Ion 62.90 (62.60 to 63.60): VY0

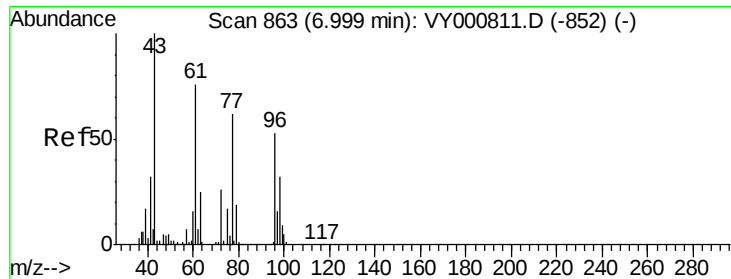
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 90.120 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 43 Resp: 126320

Ion Ratio Lower Upper

43 100

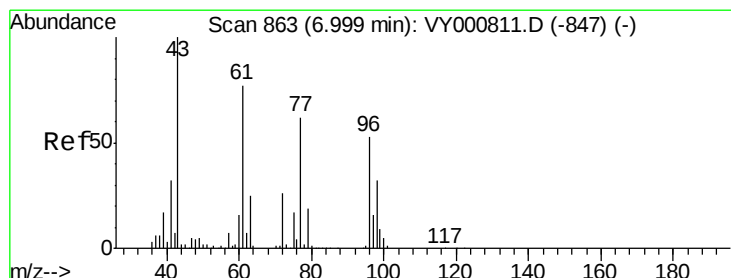
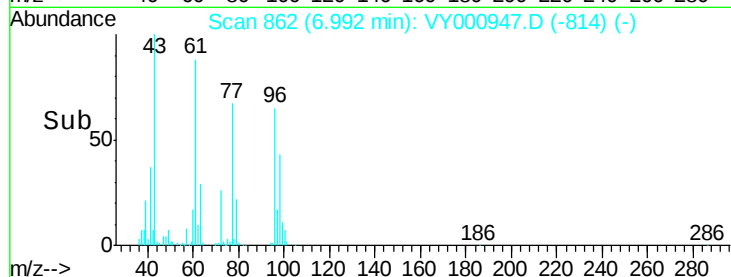
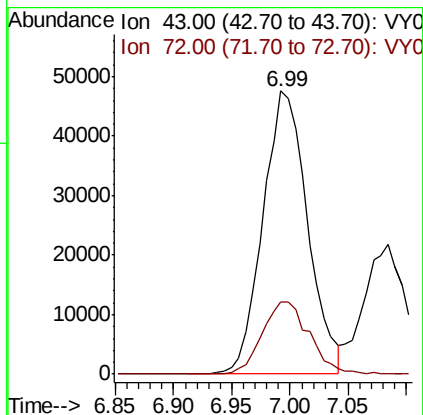
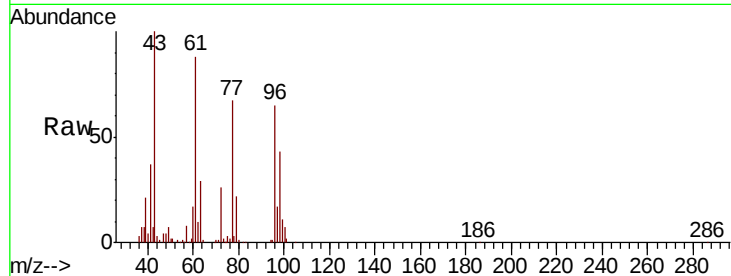
72 25.7 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.425 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000947.D

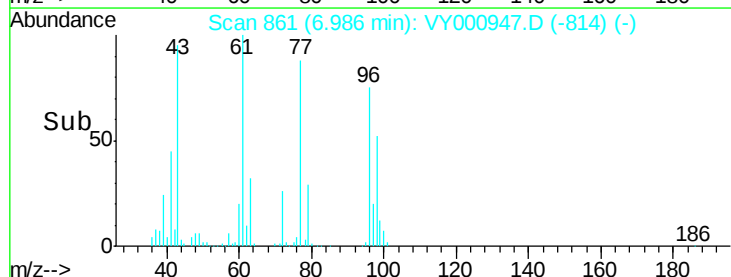
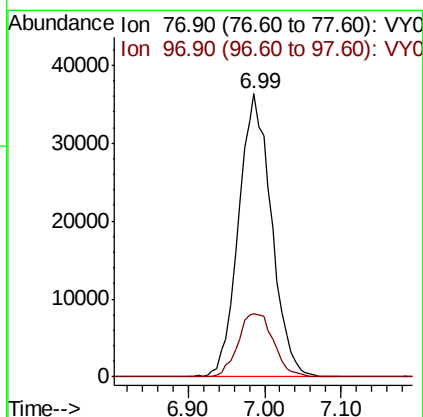
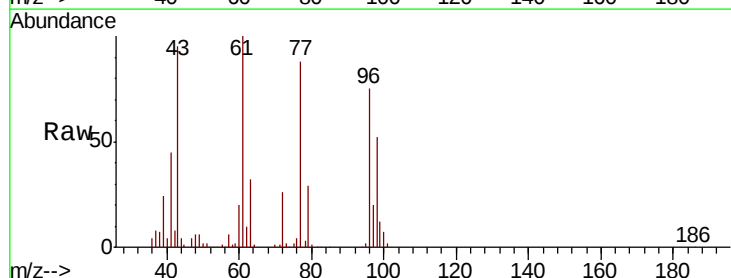
Acq: 16 Dec 2019 11:52

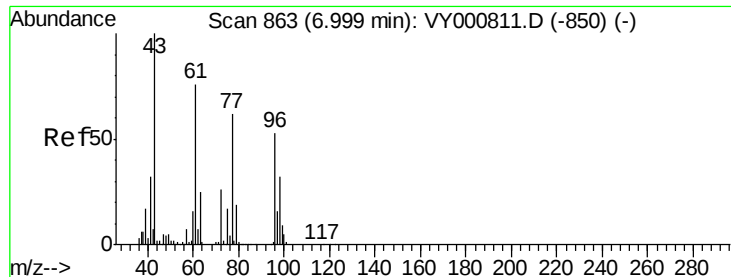
Tgt Ion: 77 Resp: 108390

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

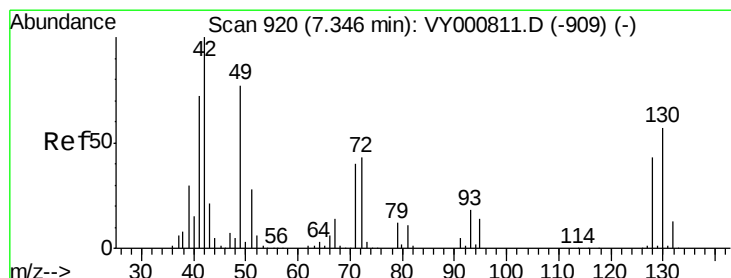
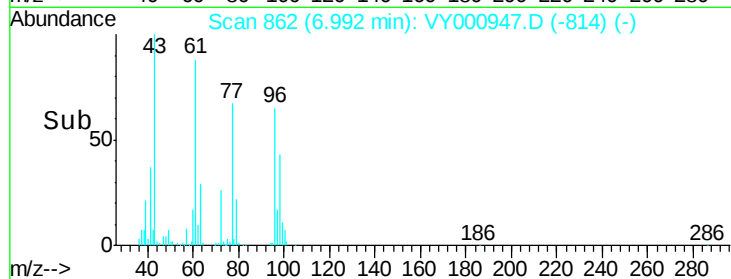
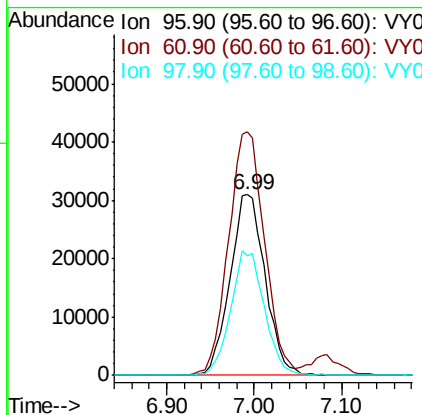
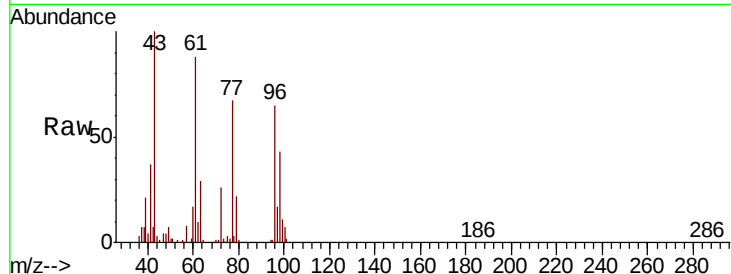
cis-1,2-Dichloroethene
Concen: 20.593 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.8	0.0	285.0
98	66.1	0.0	128.0

Manual Integrations
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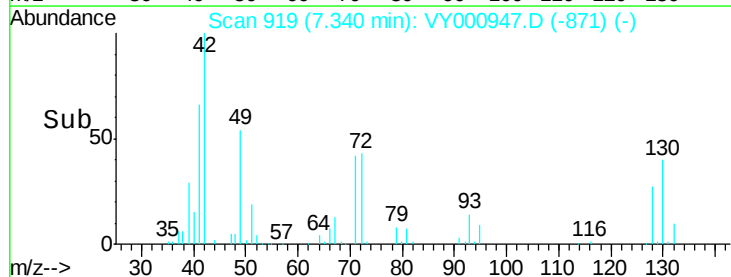
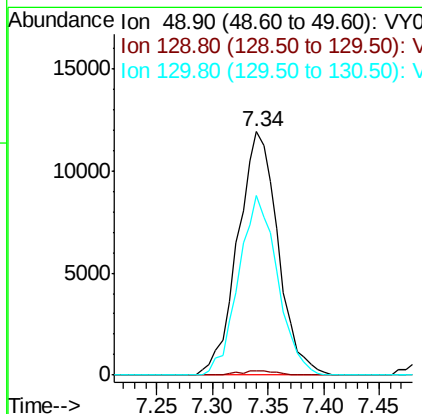
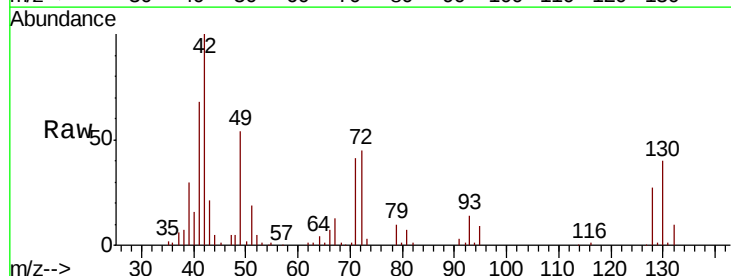
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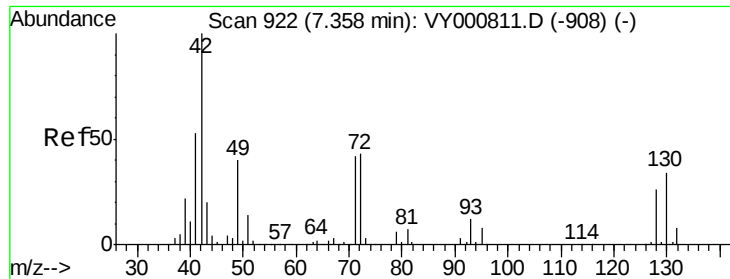


#28

Bromochloromethane
Concen: 13.822 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	71.2	58.7	88.1





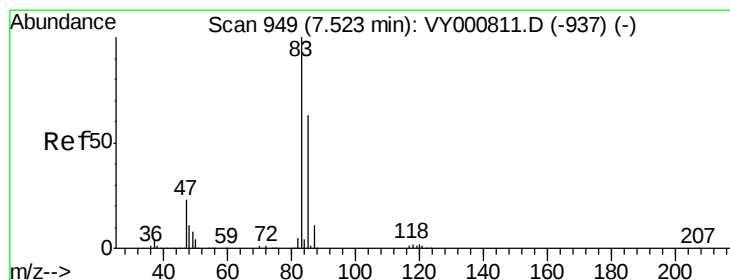
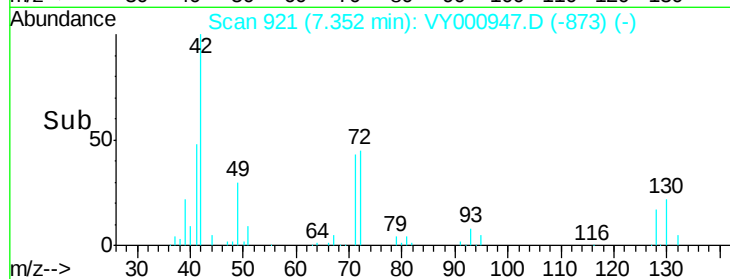
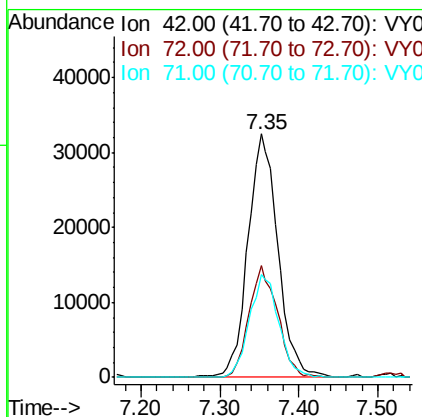
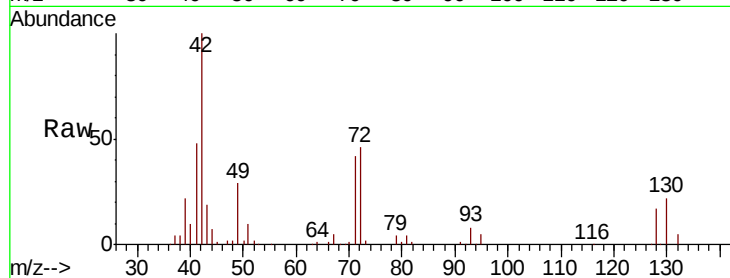
#29
Tetrahydrofuran
Concen: 92.331 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	35.1	52.7
71	41.4	32.8	49.2

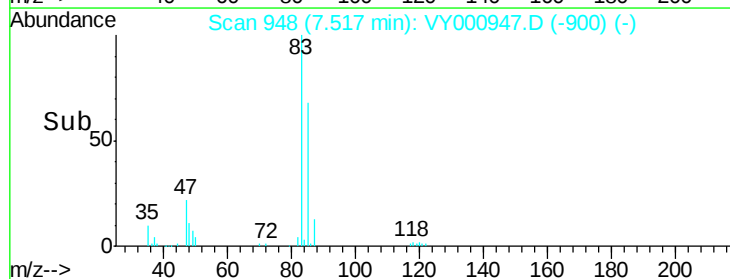
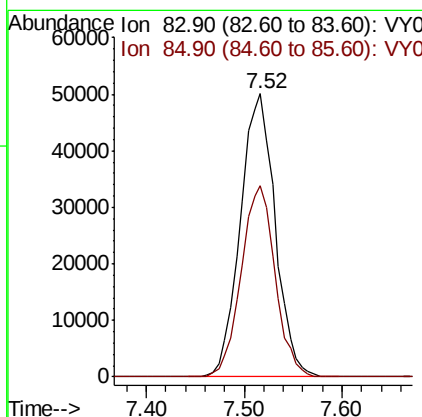
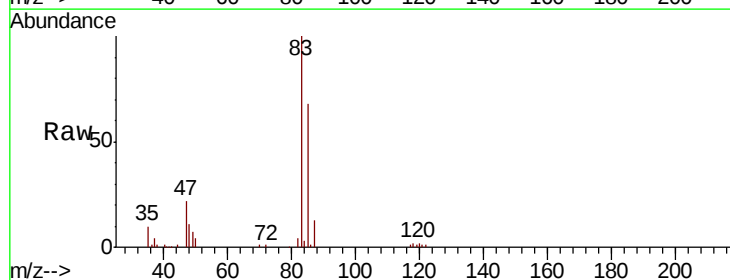
Manual Integrations
APPROVED

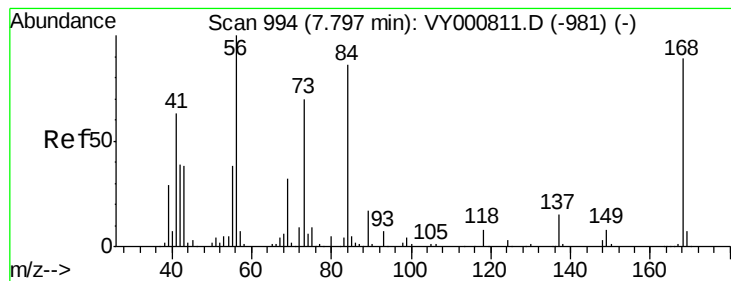
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#30
Chloroform
Concen: 18.580 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.4	75.6





#31

Cyclohexane

Concen: 19.159 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

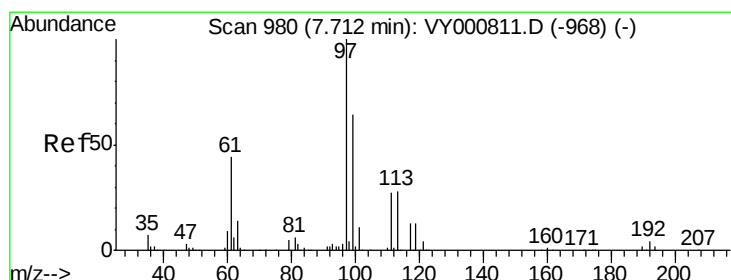
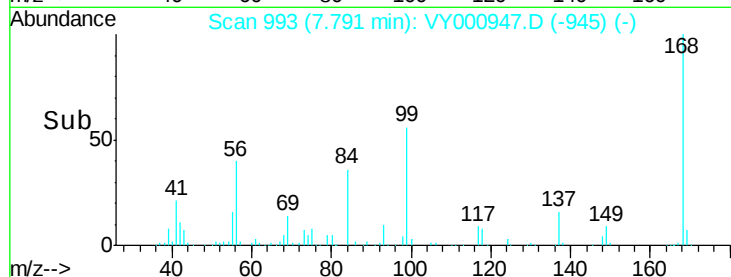
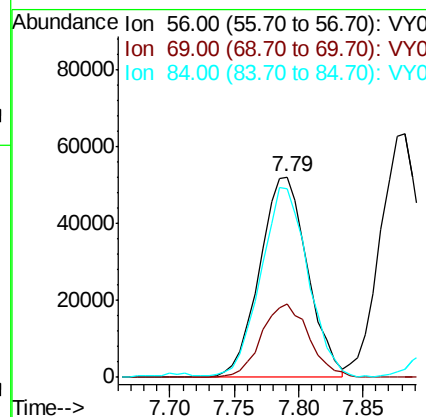
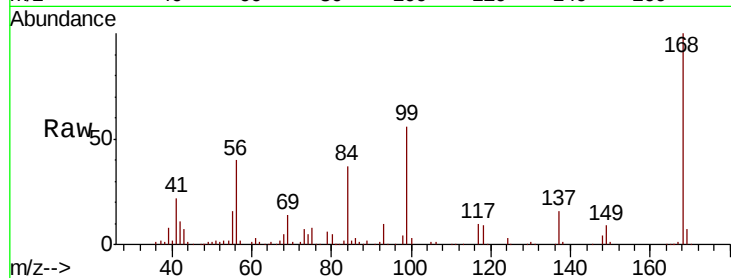
ClientSampleId :

VY1216SBS01

Tot Ion:	56	Resp:	134555
Ion Ratio	Lower	Upper	
56	100		
69	36.5	25.9	38.9
84	92.6	68.6	102.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.808 ug/l

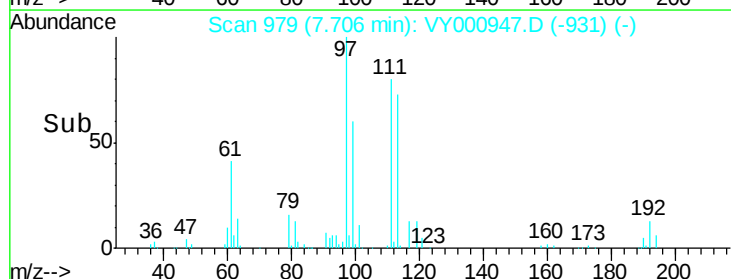
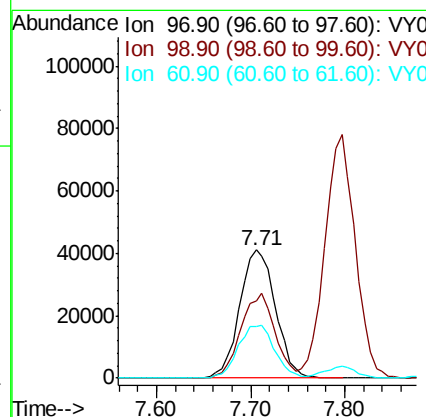
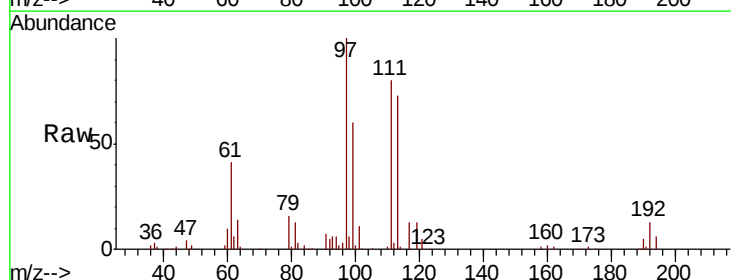
RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Tgt Ion:	97	Resp:	108780
Ion Ratio	Lower	Upper	
97	100		
99	63.5	51.7	77.5
61	41.8	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 46.739 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 65 Resp: 154600

Ion Ratio Lower Upper

65 100

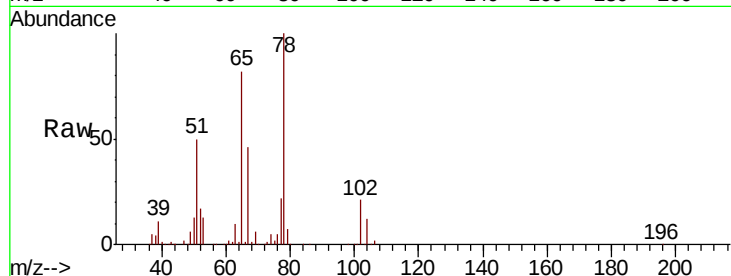
67 57.5 0.0 112.0

Manual Integrations

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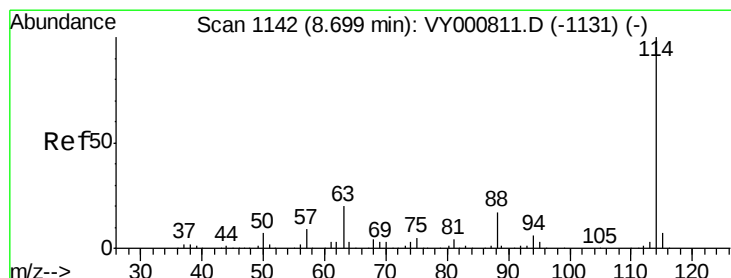
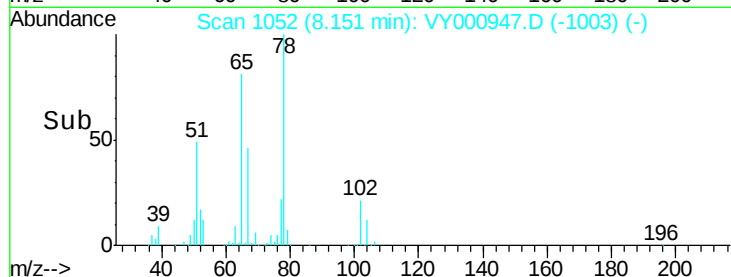
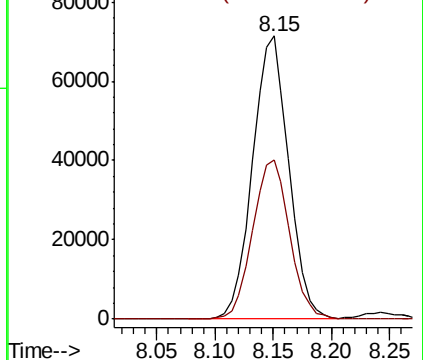
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Abundance Ion 64.90 (64.60 to 65.60): VY000947.D (-1003) (-)

Ion 66.90 (66.60 to 67.60): VY000947.D (-1003) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

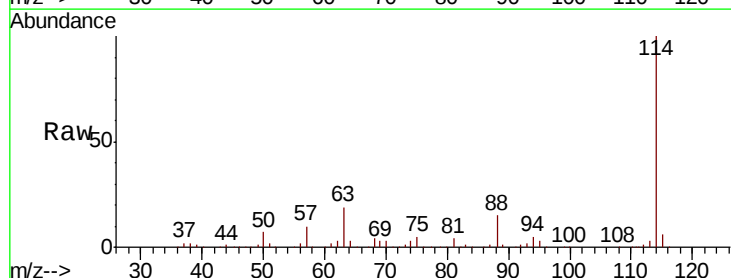
Tgt Ion: 114 Resp: 545204

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.8

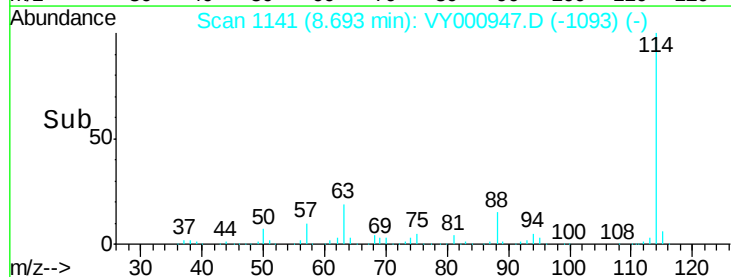
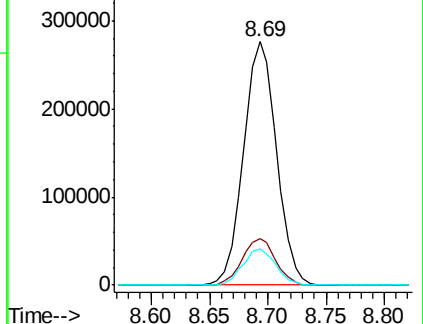
88 14.7 0.0 33.2

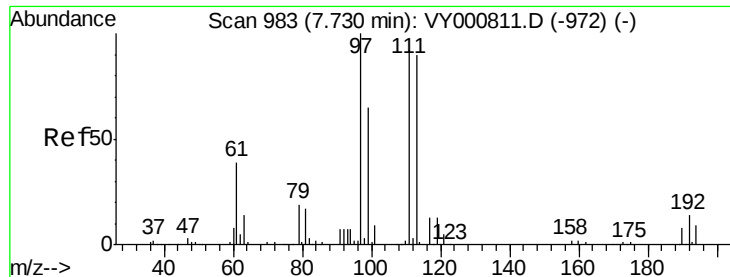


Abundance Ion 113.90 (113.60 to 114.60): VY000947.D (-1093) (-)

Ion 63.00 (62.70 to 63.70): VY000947.D (-1093) (-)

Ion 87.90 (87.60 to 88.60): VY000947.D (-1093) (-)





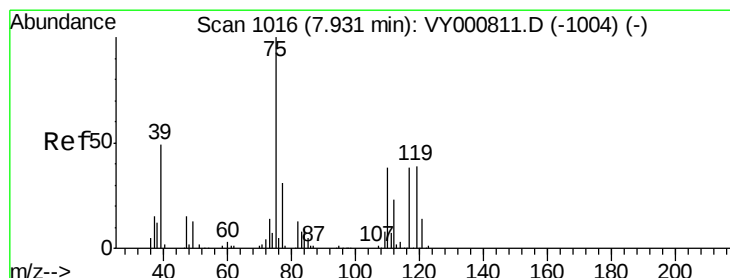
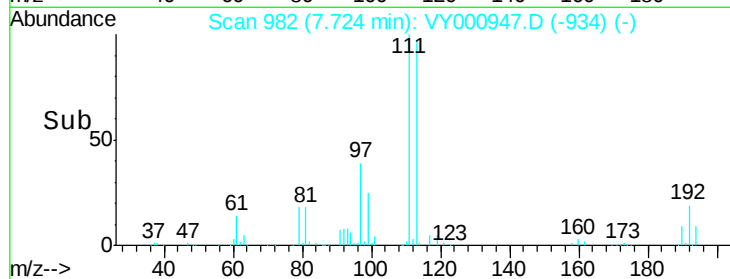
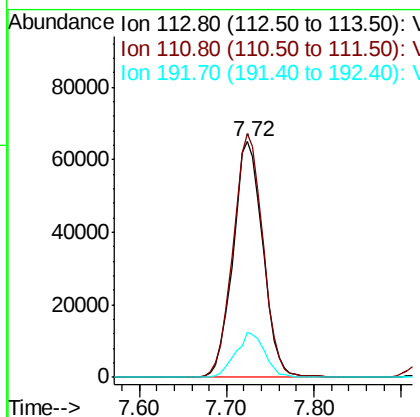
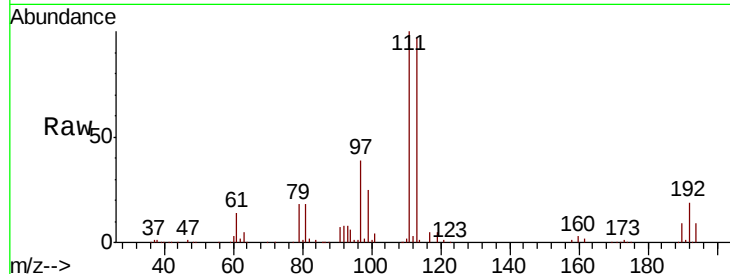
#35
 Dibromofluoromethane
 Concen: 48.442 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153923		
111	103.3	82.4	123.6	
192	18.6	14.2	21.2	

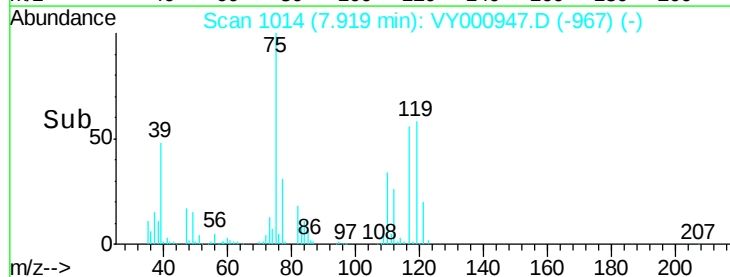
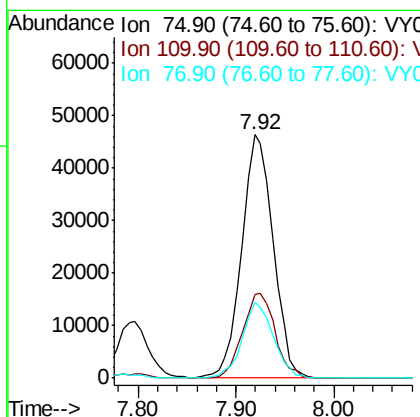
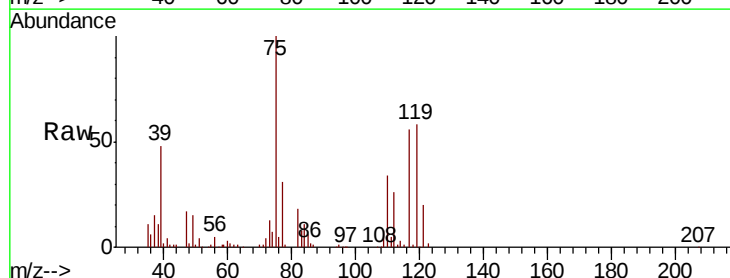
Manual Integrations
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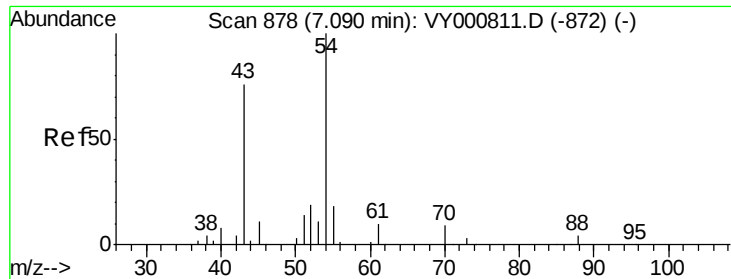
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#36
 1,1-Dichloropropene
 Concen: 19.146 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103790		
110	35.9	17.9	53.7	
77	31.1	24.7	37.1	





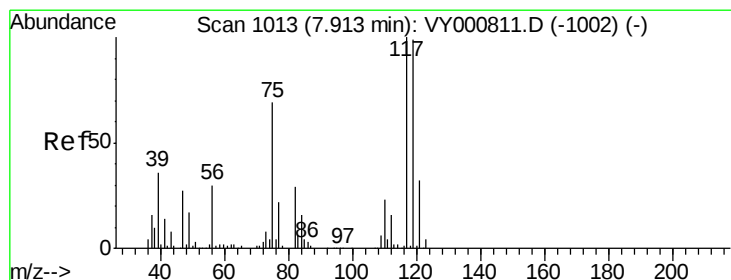
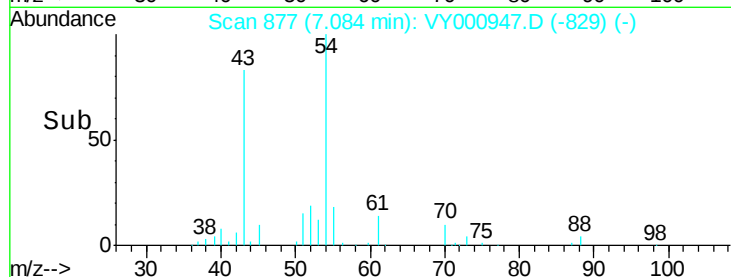
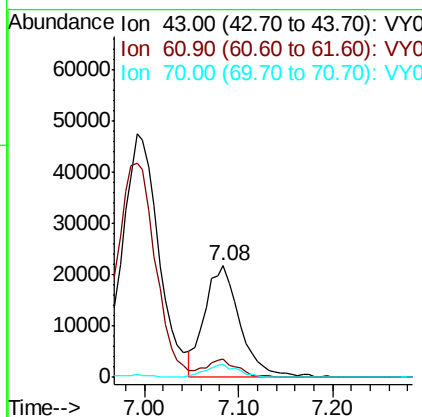
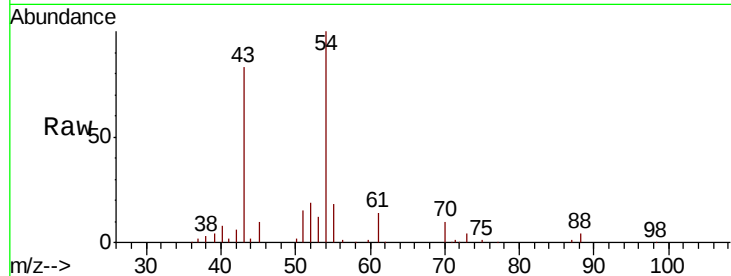
#37
Ethyl Acetate
Concen: 17.900 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.8	17.8
70	11.1	8.7	13.1

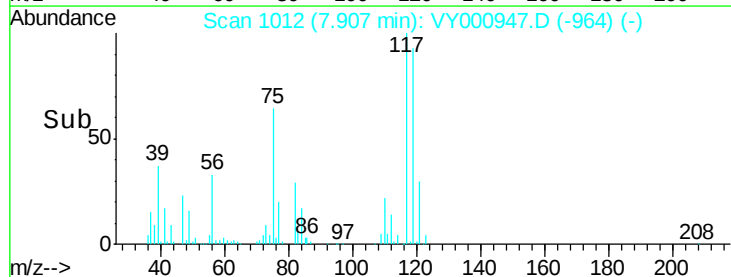
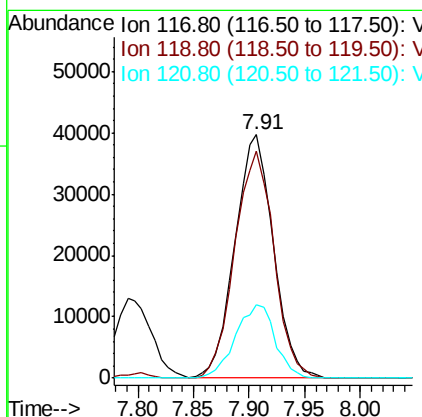
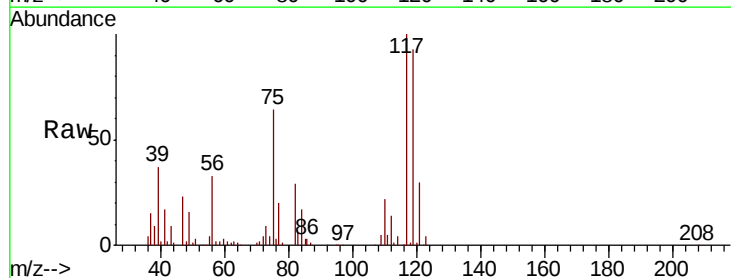
Manual Integrations
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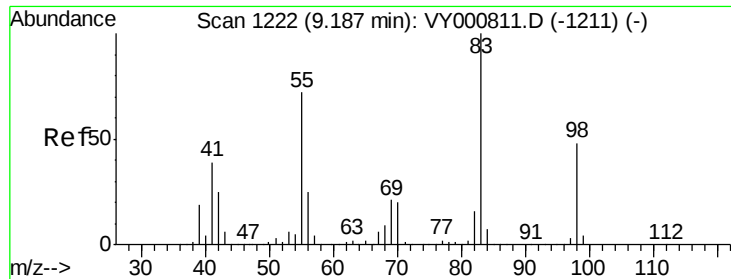
apatel
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#38
Carbon Tetrachloride
Concen: 19.792 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.3	118.9
121	30.1	25.5	38.3





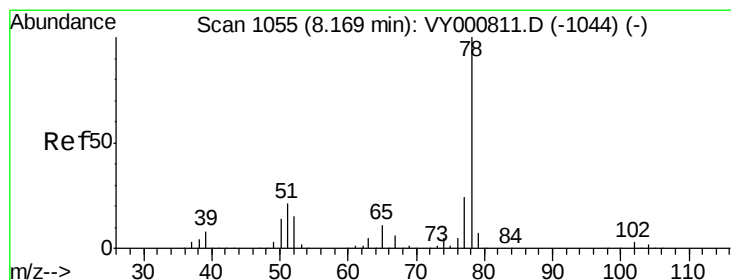
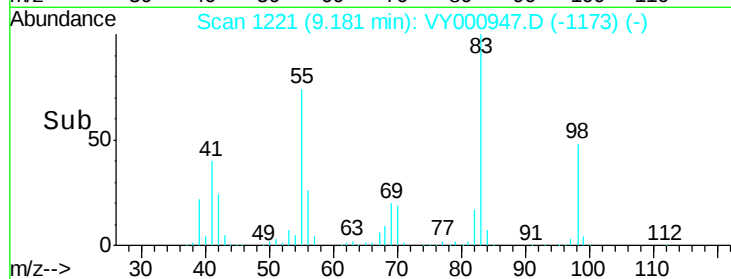
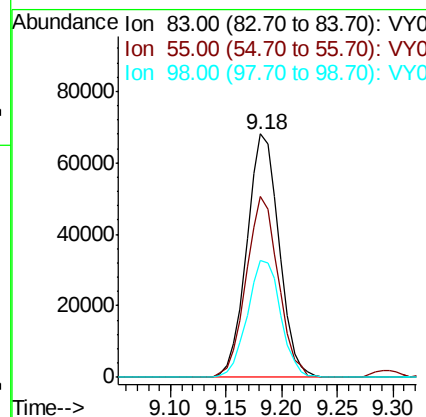
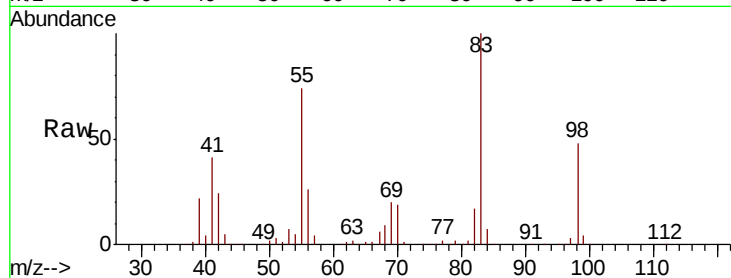
#39
Methvlcvclohexane
Concen: 19.085 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	57.8	86.6
98	47.9	38.6	58.0

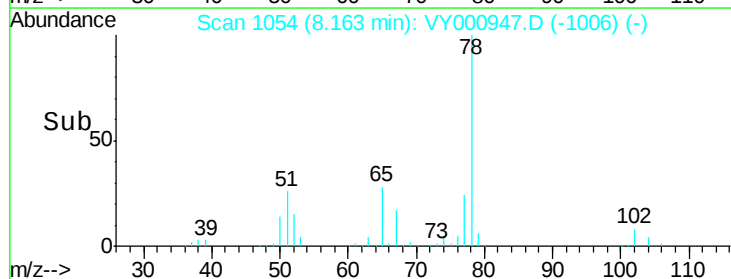
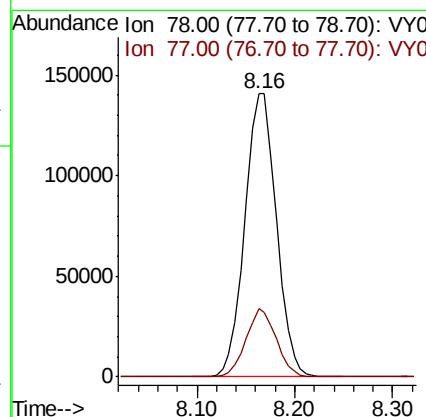
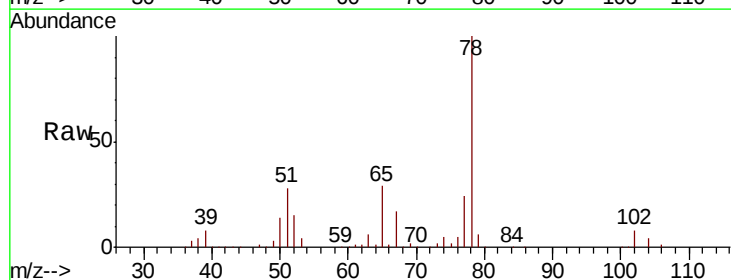
Manual Integrations
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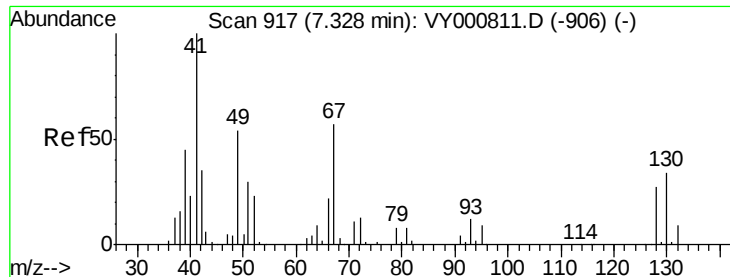
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#40
Benzene
Concen: 19.979 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





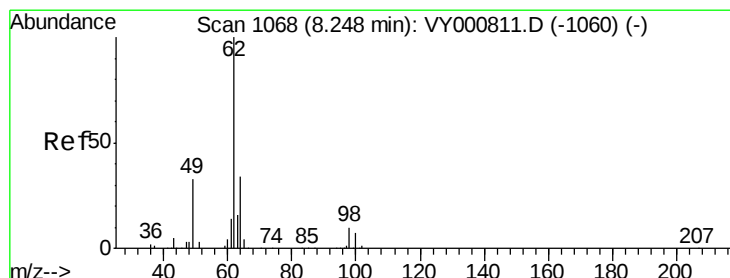
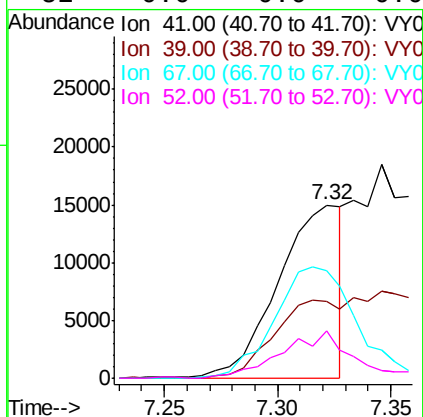
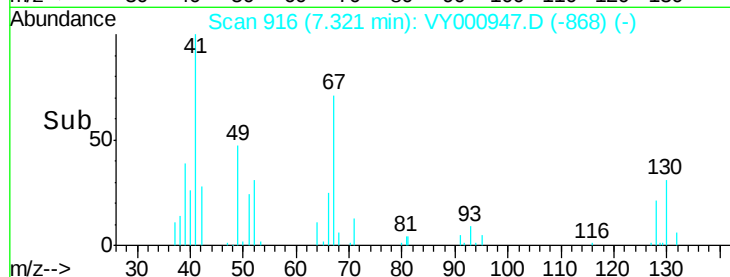
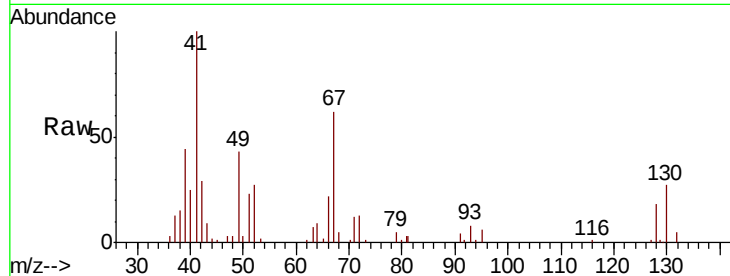
#41
Methacrylonitrile
Concen: 18.022 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	41	Resp	29732
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

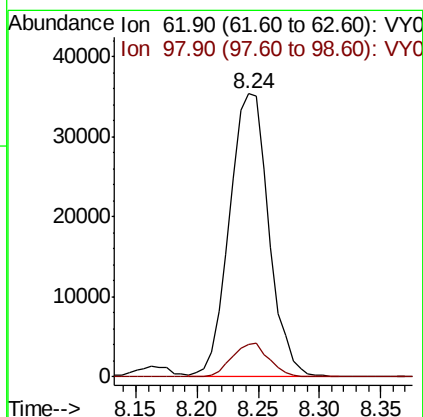
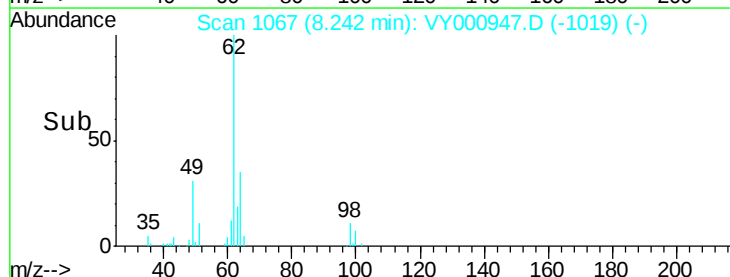
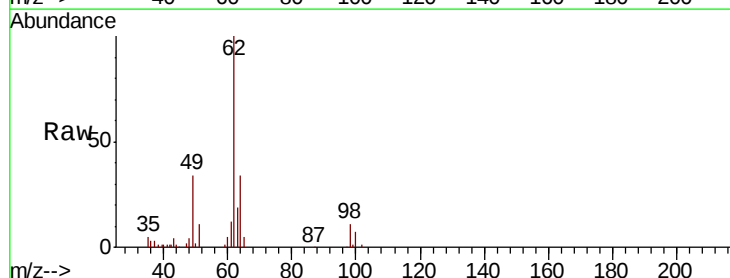
Manual Integrations
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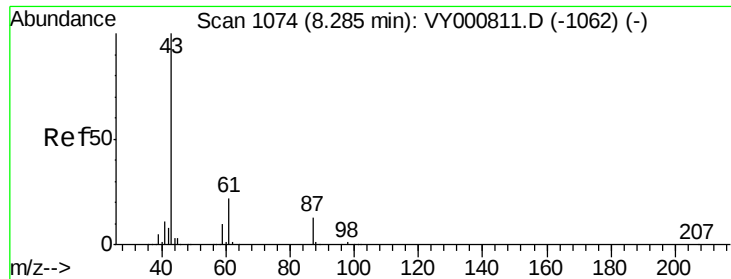
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#42
1,2-Dichloroethane
Concen: 19.029 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	62	Resp	79023
Ion Ratio	Lower	Upper	
62	100		
98	11.1	0.0	21.4





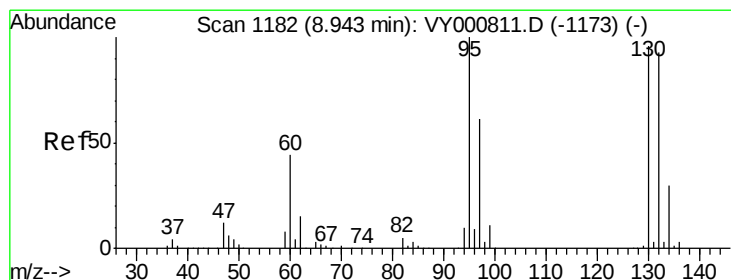
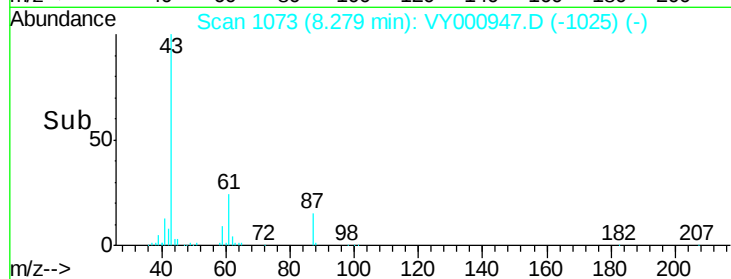
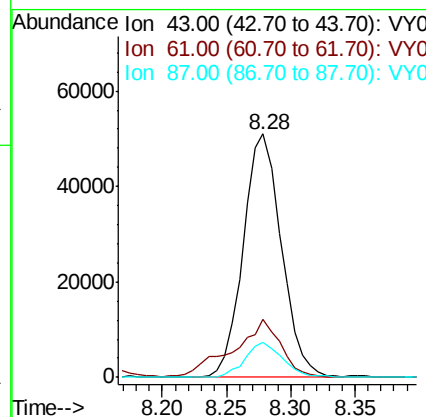
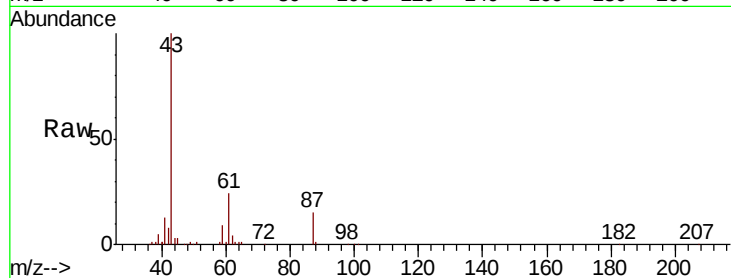
#43
Isopropyl Acetate
Concen: 17.716 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.9	23.7	35.5
87	14.0	10.6	15.8

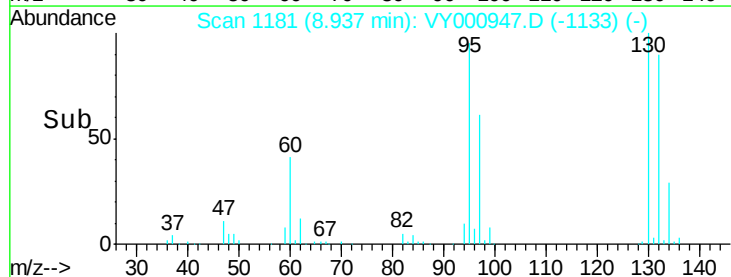
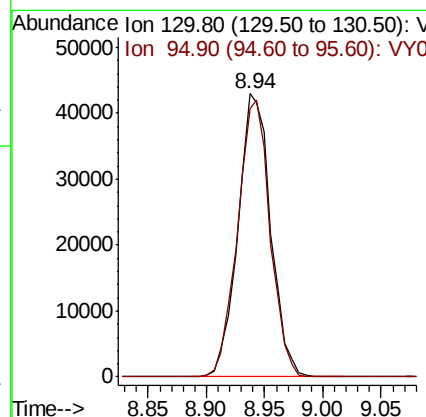
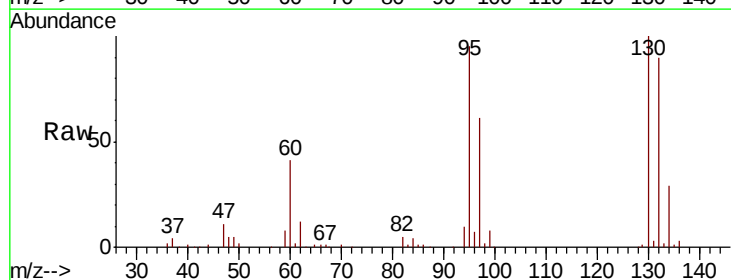
Manual Integrations
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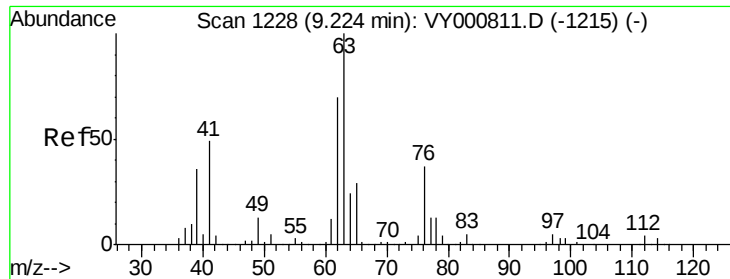
apatel
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#44
Trichloroethene
Concen: 20.689 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	207.8





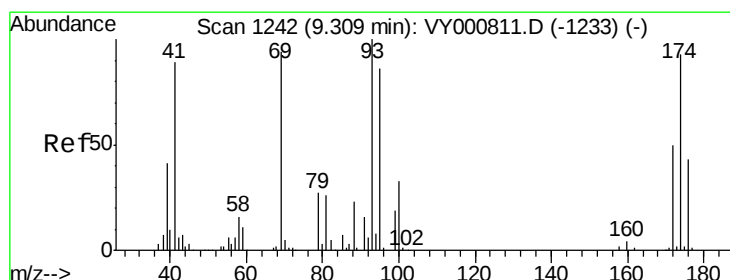
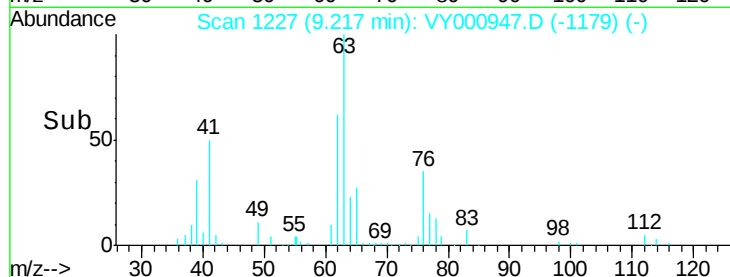
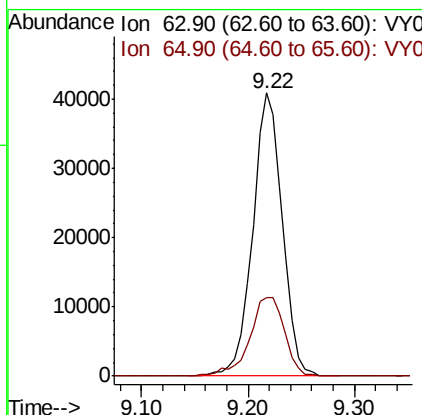
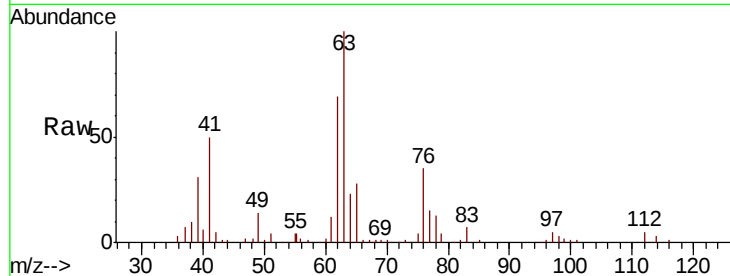
#45
 1,2-Dichloropropane
 Concen: 20.074 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion: 63 Resp: 79619
 Ion Ratio Lower Upper
 63 100
 65 27.8 23.2 34.8

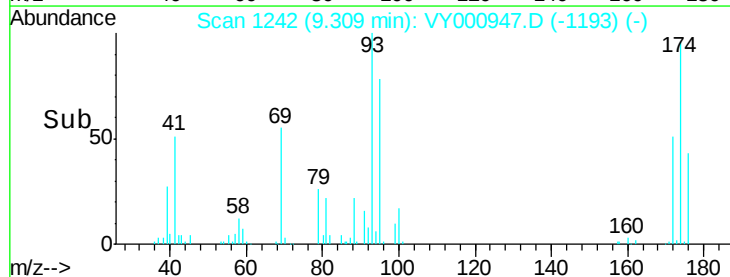
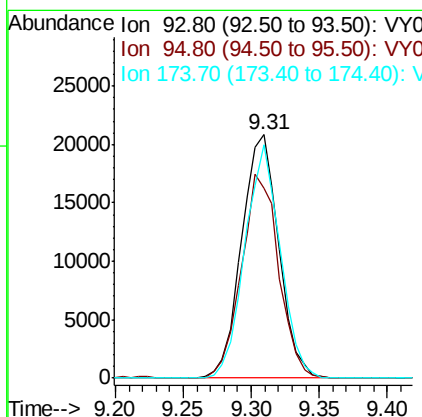
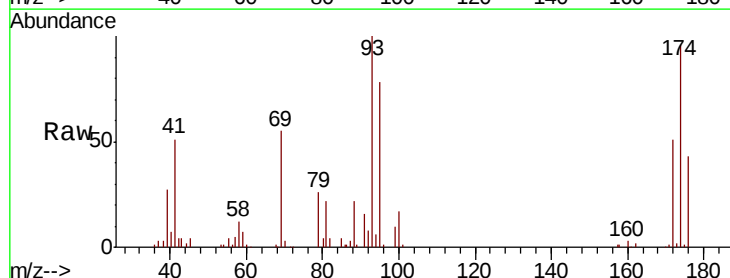
Manual Integrations
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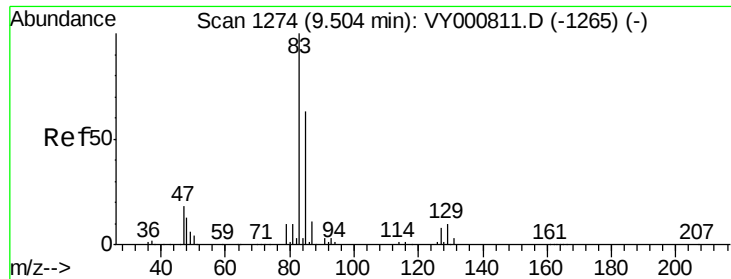
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#46
 Dibromomethane
 Concen: 19.215 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion: 93 Resp: 39821
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 91.3 73.0 109.6





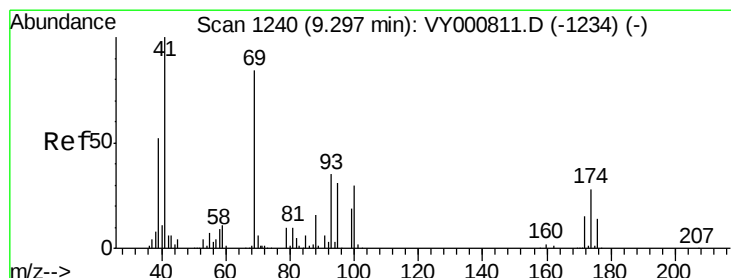
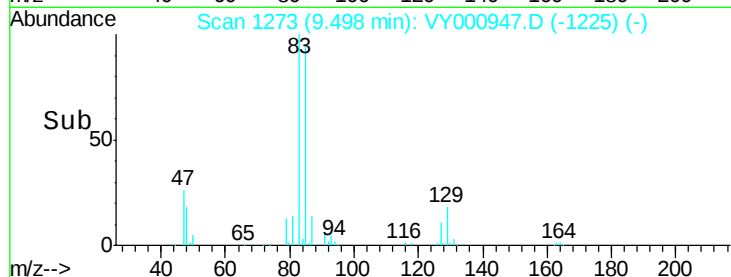
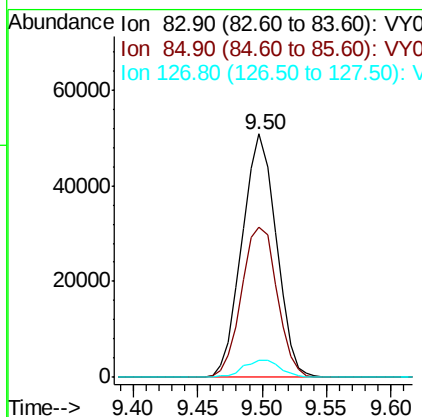
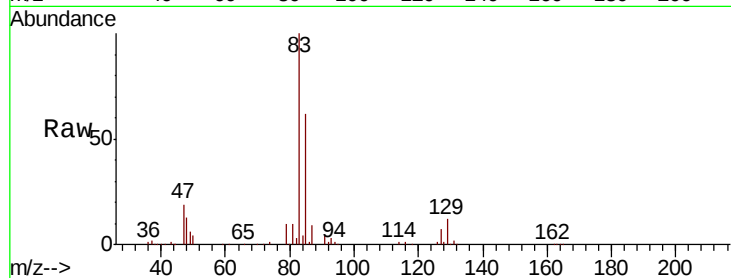
#47
Bromodichloromethane
Concen: 19.236 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	83	Resp	93646
Ion Ratio	100	Lower	Upper
83	100		
85	61.9	50.8	76.2
127	7.2	6.6	10.0

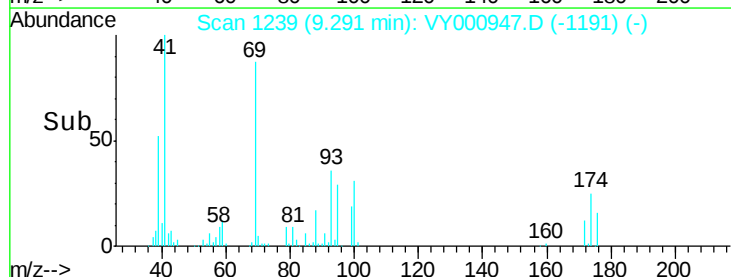
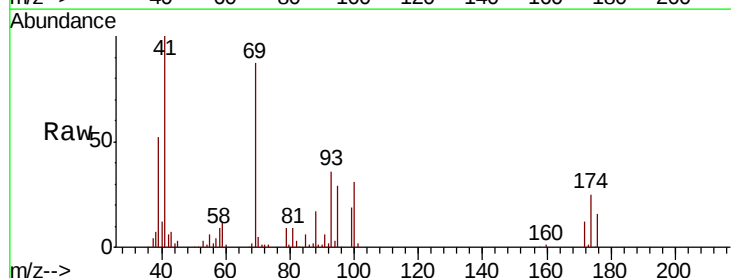
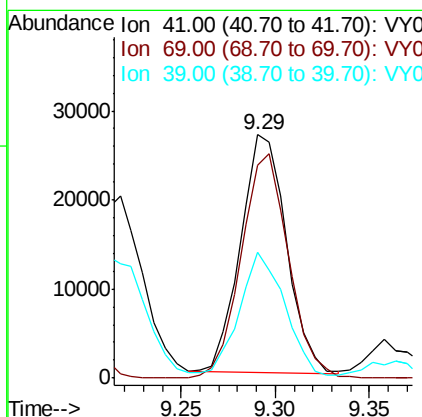
Manual Integrations
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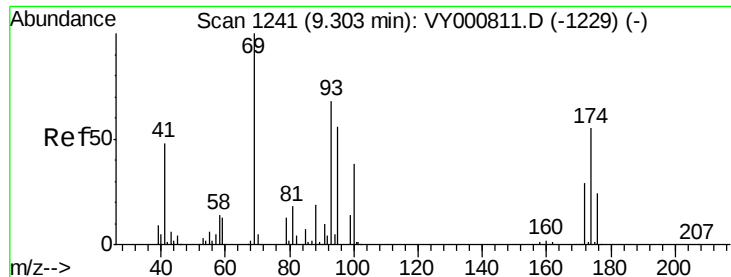
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#48
Methyl methacrylate
Concen: 17.400 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	41	Resp	45134
Ion Ratio	100	Lower	Upper
41	100		
69	97.1	70.4	105.6
39	53.6	40.9	61.3





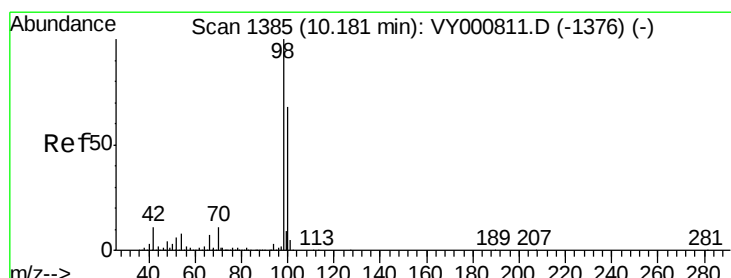
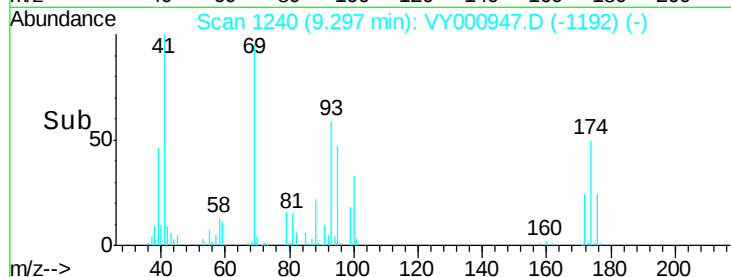
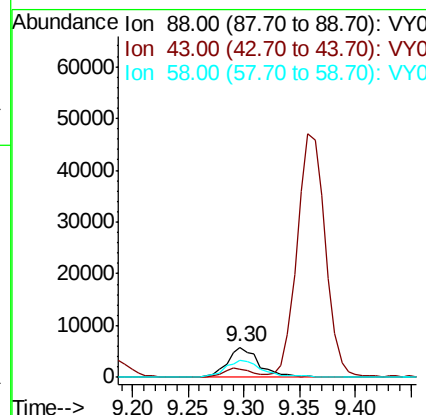
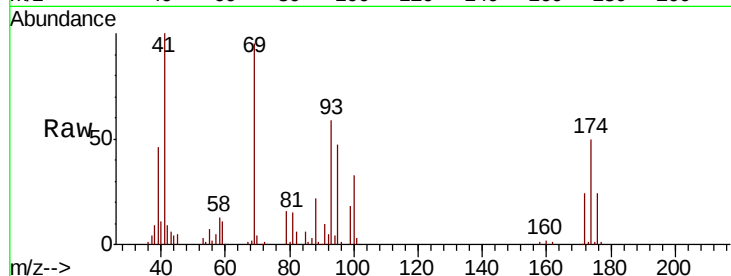
#49
1,4-Dioxane
Concen: 388.885 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	21.1	31.7
58	67.1	50.7	76.1

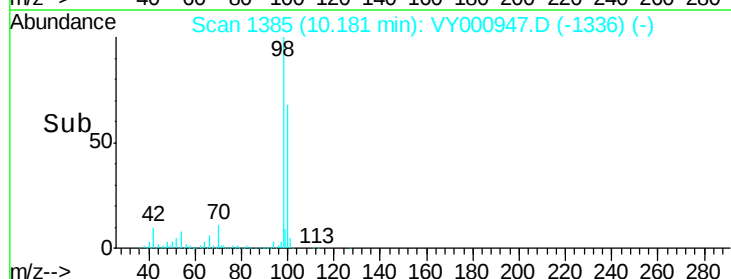
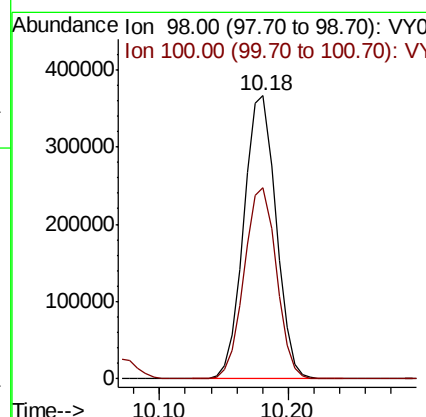
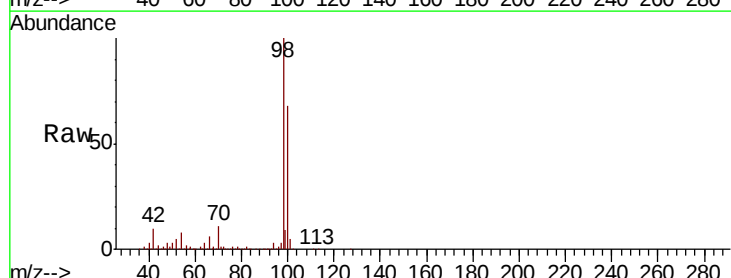
Manual Integrations
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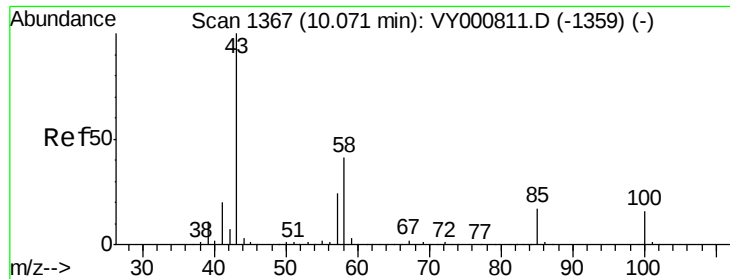
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#50
Toluene-d8
Concen: 49.843 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 92.393 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 43 Resp: 281586

Ion Ratio Lower Upper

43 100

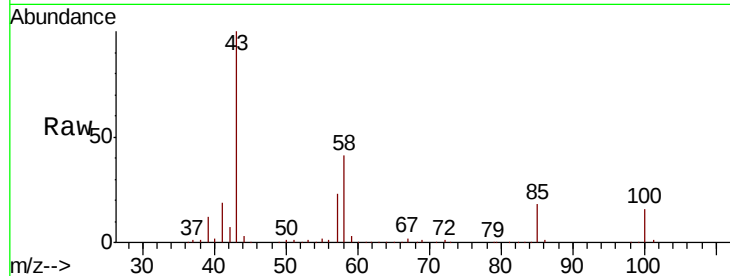
58 40.2 33.1 49.7

Manual Integrations

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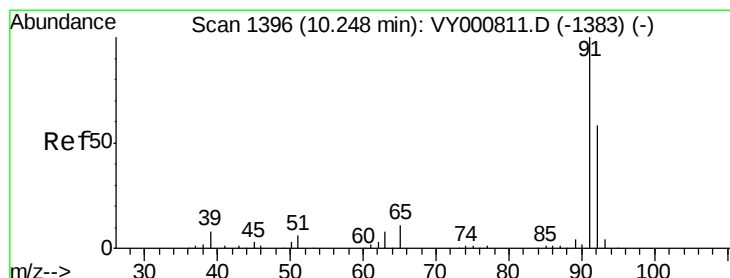
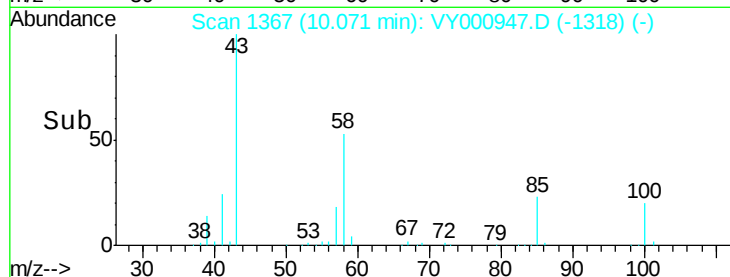
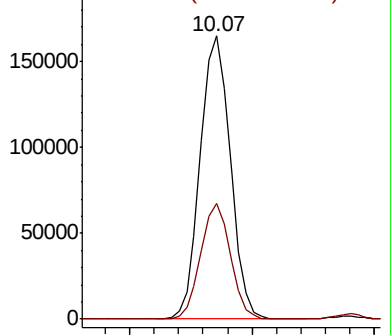
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.085 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000947.D

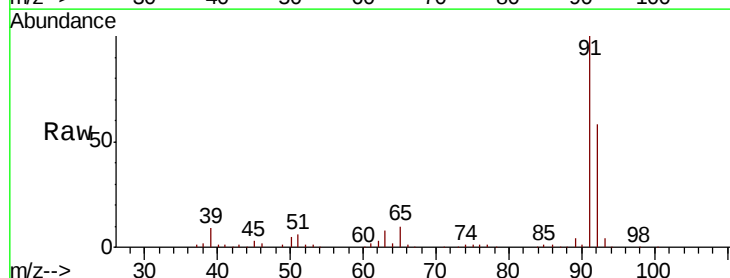
Acq: 16 Dec 2019 11:52

Tgt Ion: 92 Resp: 196368

Ion Ratio Lower Upper

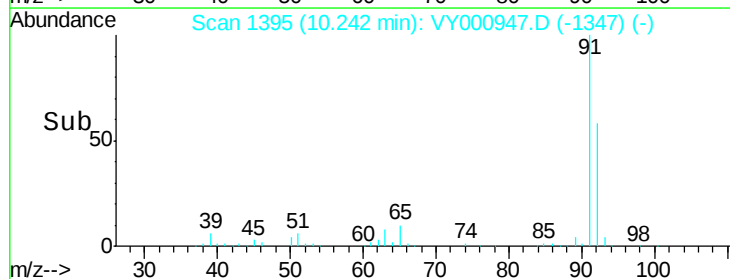
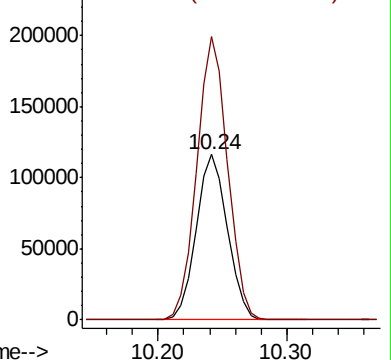
92 100

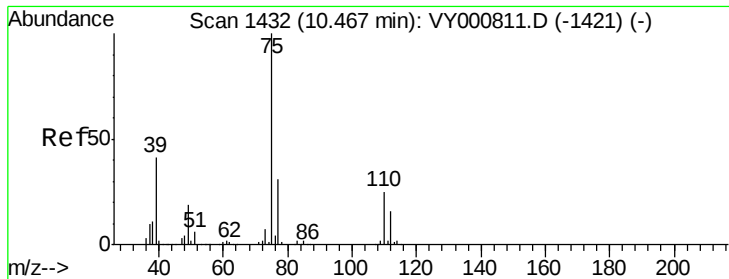
91 168.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 19.489 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 75 Resp: 101932

Ion Ratio Lower Upper

75 100

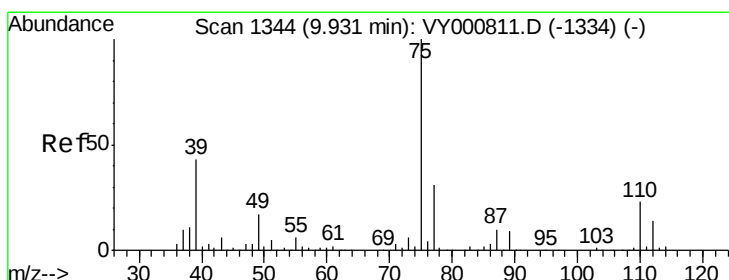
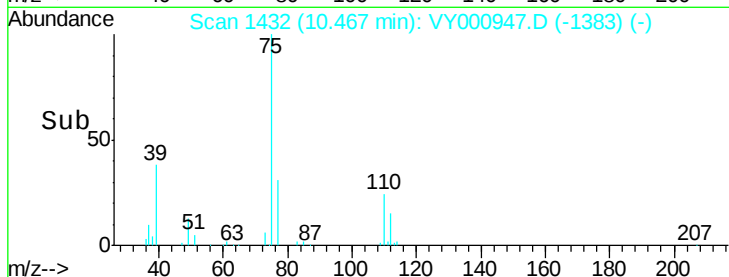
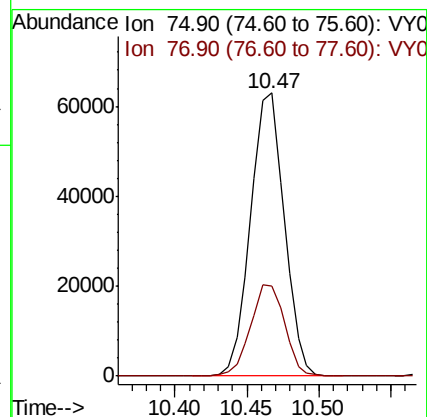
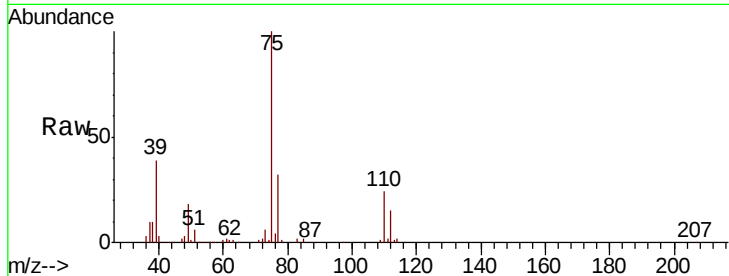
77 31.8 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.817 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

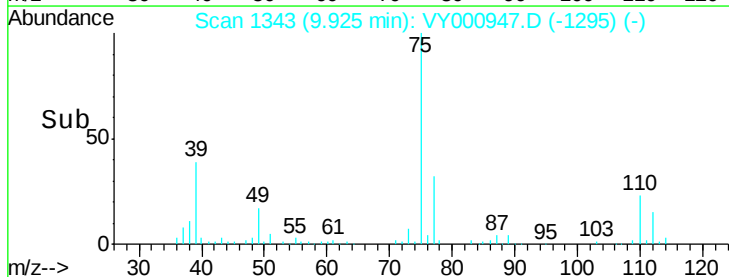
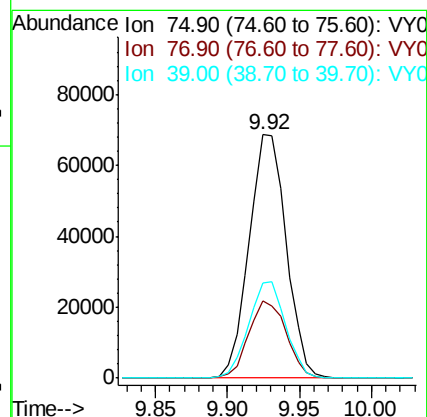
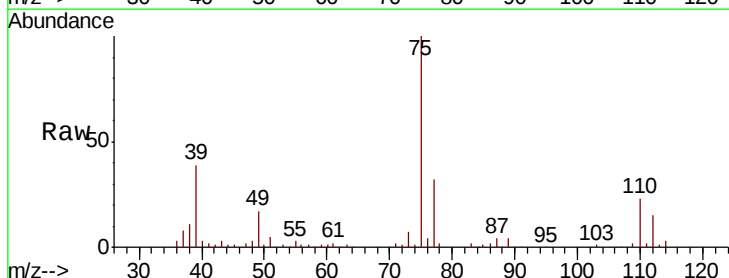
Tgt Ion: 75 Resp: 122514

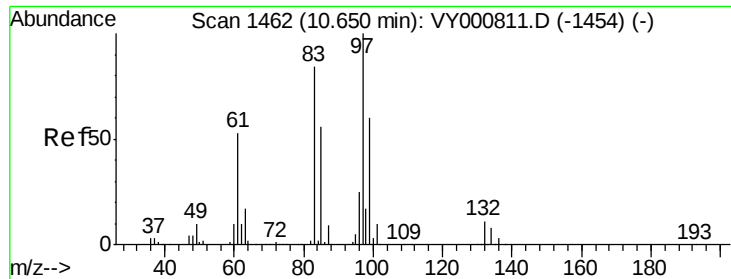
Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

39 38.8 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.636 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 97 Resp: 60119

Ion Ratio Lower Upper

97 100

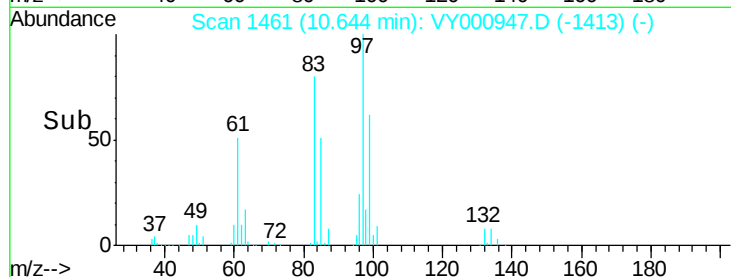
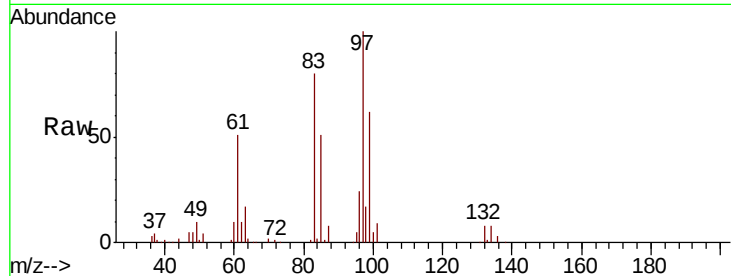
83 80.5 67.5 101.3

85 51.0 44.5 66.7

99 62.1 47.7 71.5

Manual Integrations
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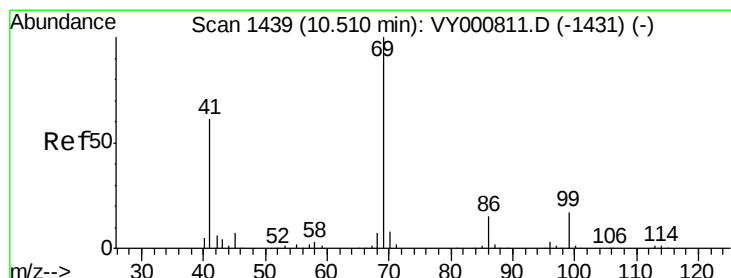
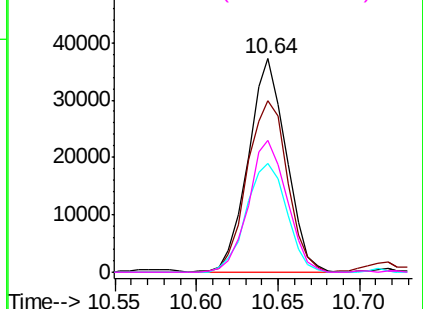


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 18.982 ug/l

RT: 10.50 min Scan# 1438

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

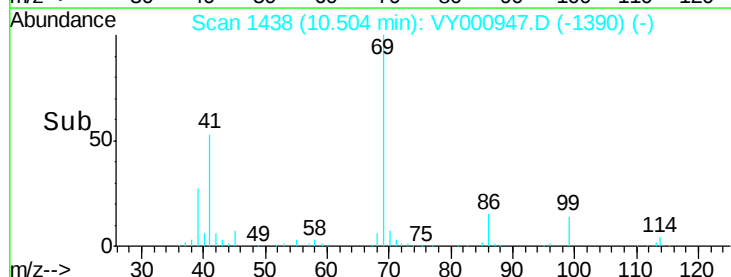
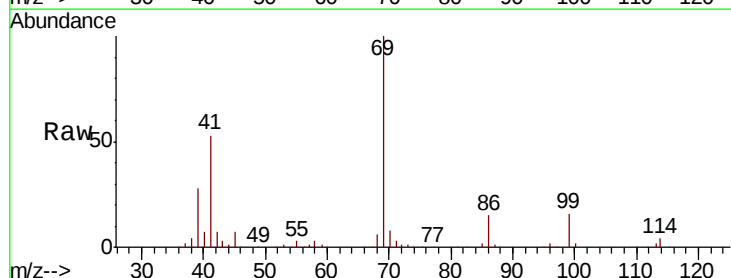
Tgt Ion: 69 Resp: 83141

Ion Ratio Lower Upper

69 100

41 59.4 49.0 73.6

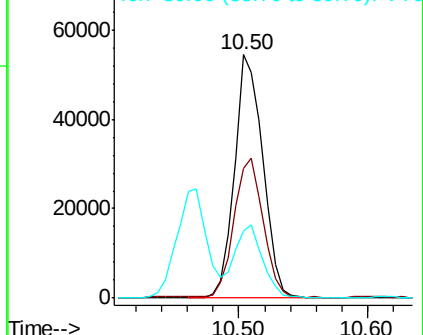
39 29.8 23.1 34.7

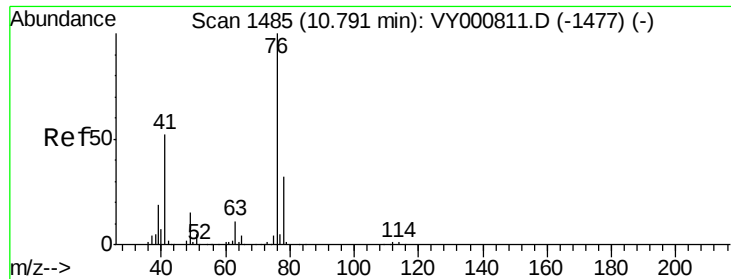


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





#57

1,3-Dichloropropane

Concen: 19.364 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 76 Resp: 103329

Ion Ratio Lower Upper

76 100

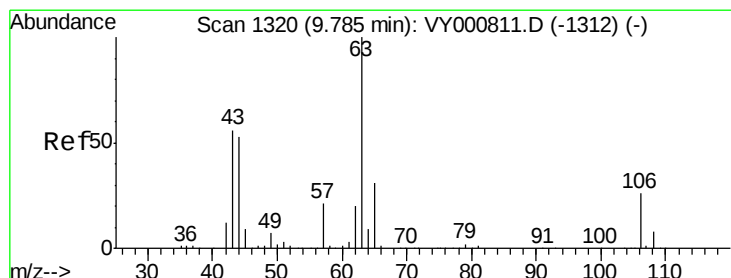
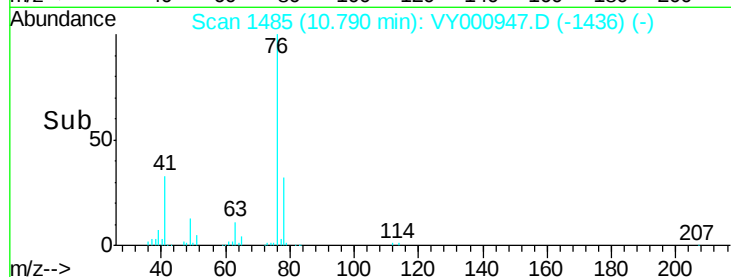
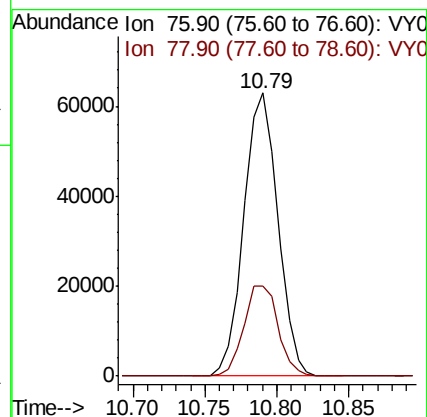
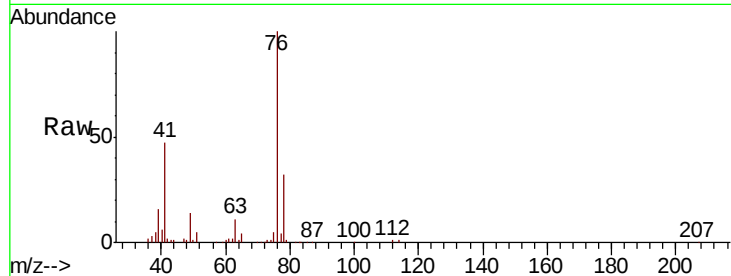
78 32.4 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 97.763 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000947.D

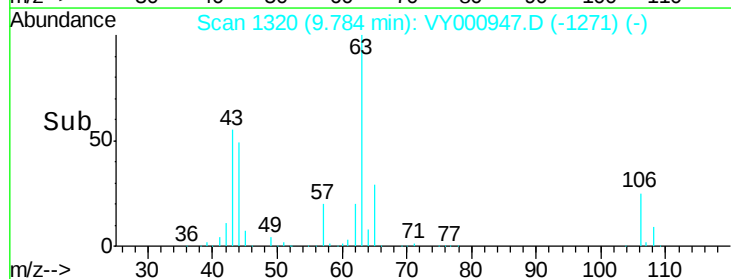
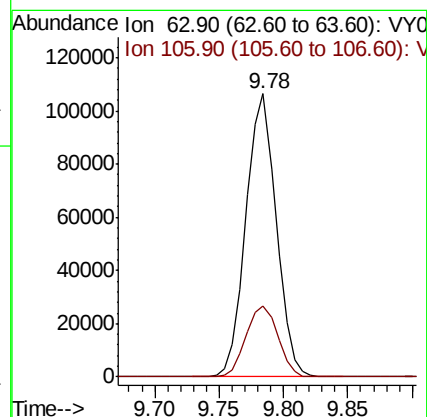
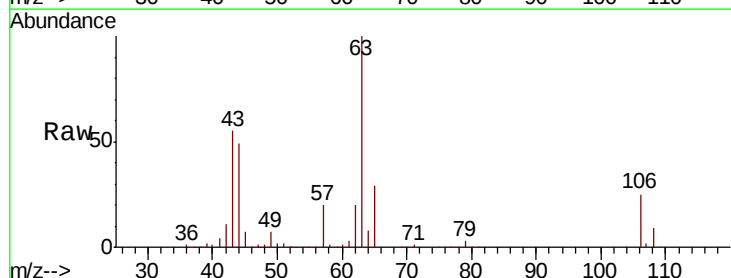
Acq: 16 Dec 2019 11:52

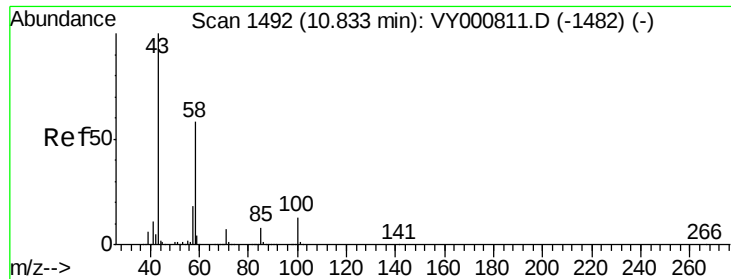
Tgt Ion: 63 Resp: 172653

Ion Ratio Lower Upper

63 100

106 26.6 21.5 32.3





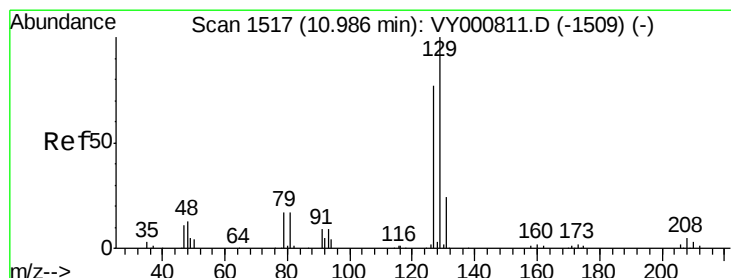
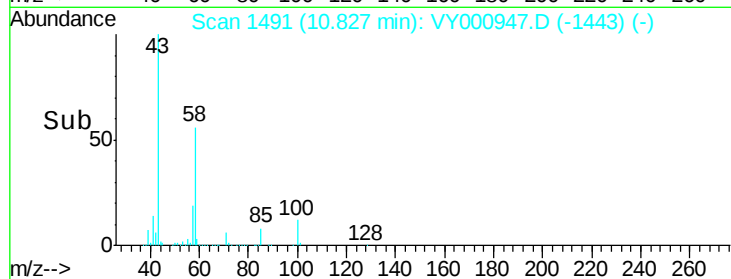
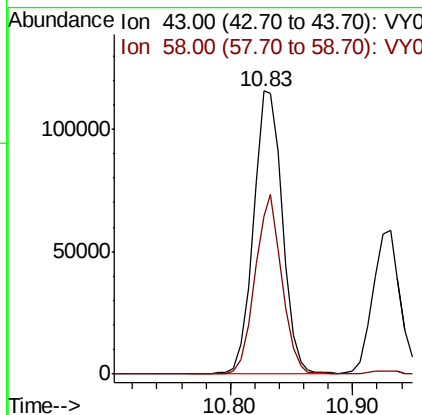
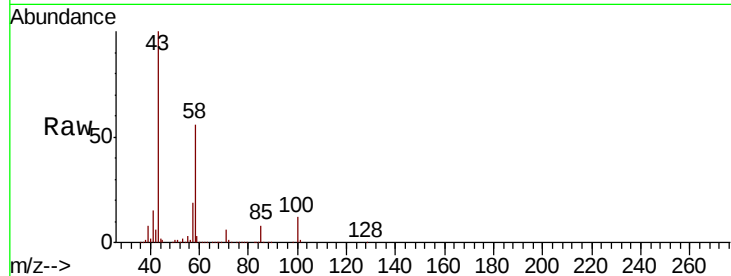
#59
2-Hexanone
Concen: 85.572 ug/l
RT: 10.83 min Scan# 1491
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion: 43 Resp: 190037
Ion Ratio Lower Upper
43 100
58 58.8 29.0 87.1

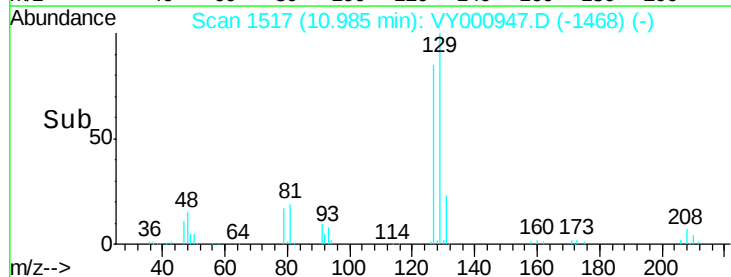
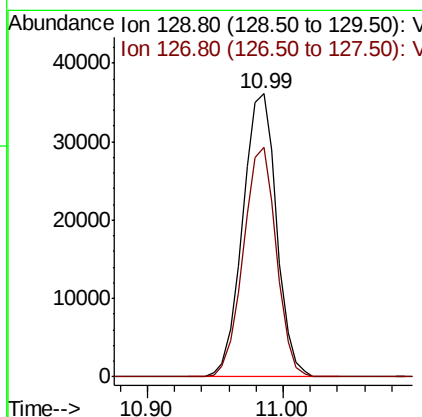
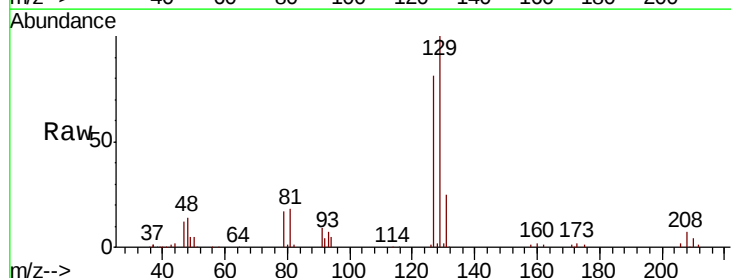
Manual Integrations
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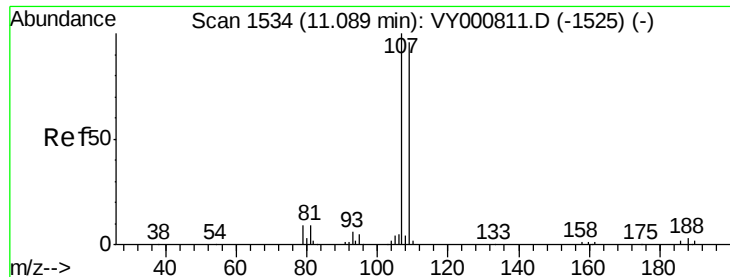
apatel
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#60
Dibromochloromethane
Concen: 19.101 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion: 129 Resp: 62957
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





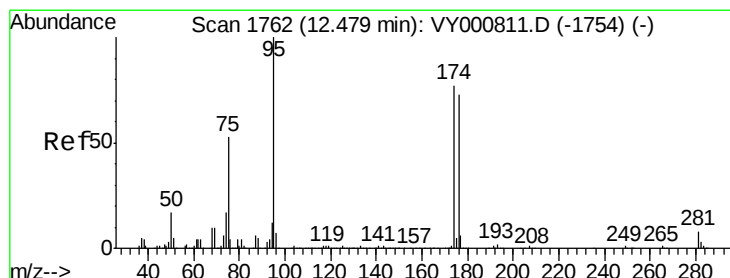
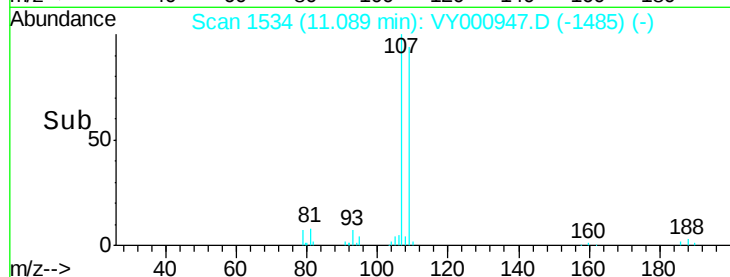
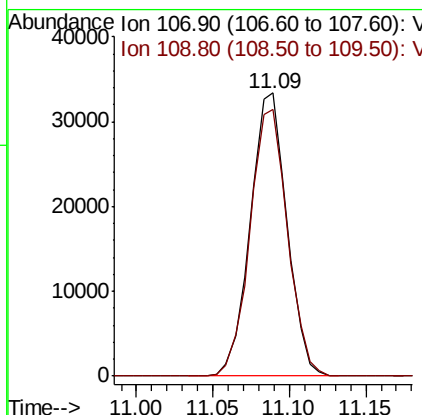
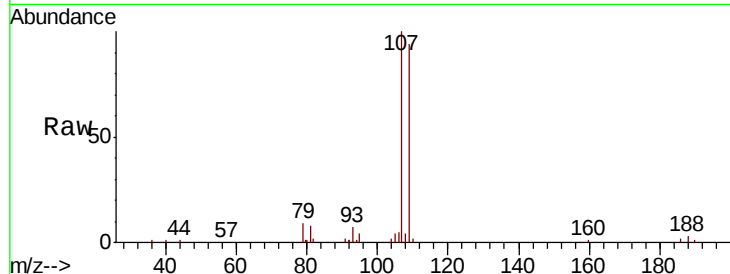
#61
 1,2-Dibromoethane
 Concen: 19.261 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.6	75.9	113.9

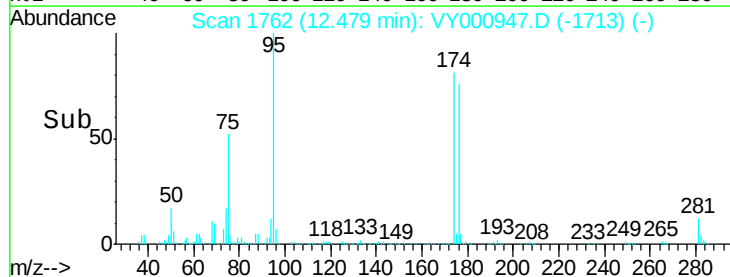
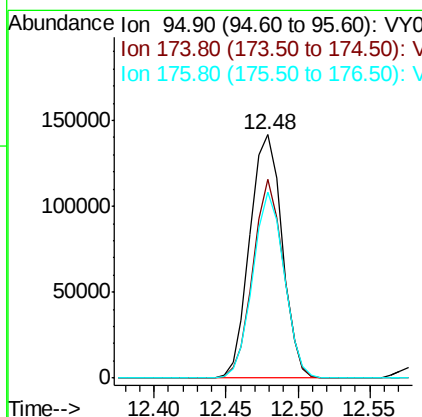
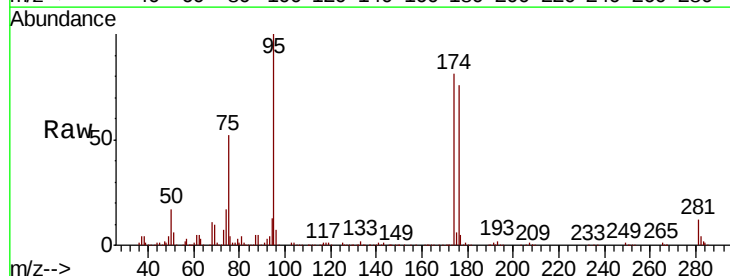
Manual Integrations
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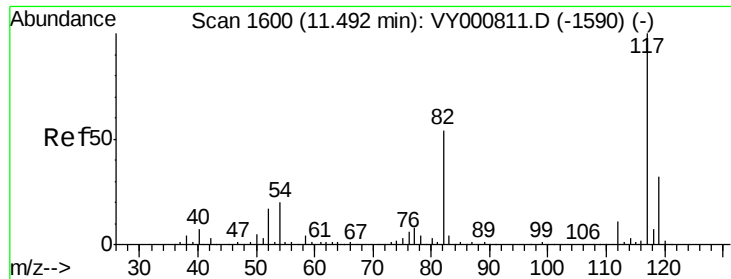
apatel
 12/17/2019 12:49:47 PM



#62
 4-Bromofluorobenzene
 Concen: 46.052 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	150.6
176	73.9	0.0	145.2





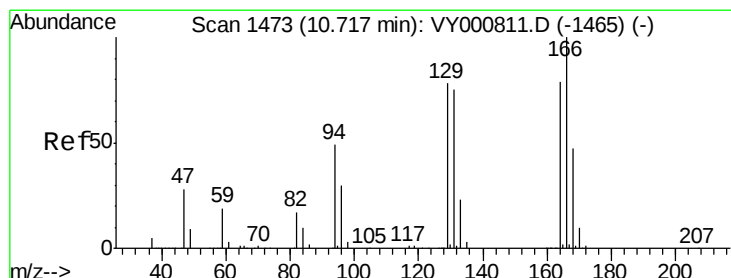
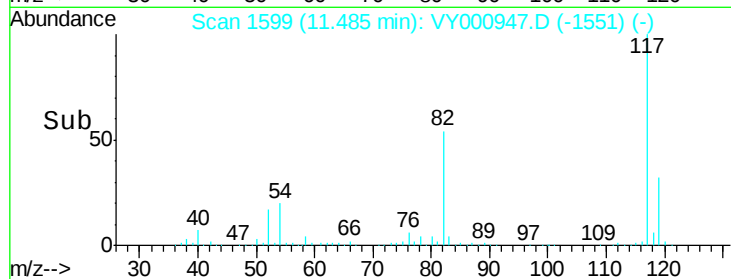
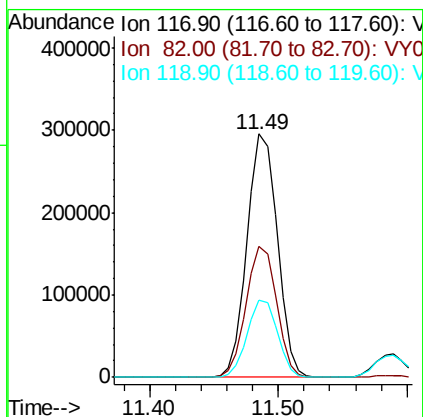
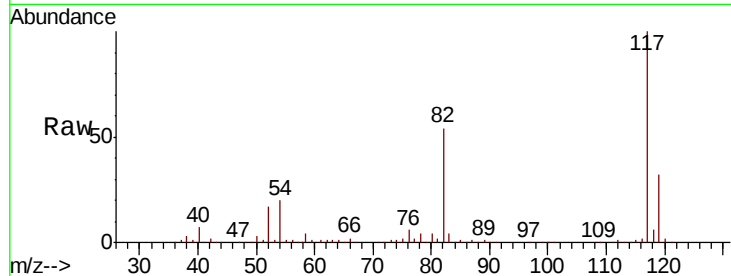
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.1	64.7
119	31.7	25.3	37.9

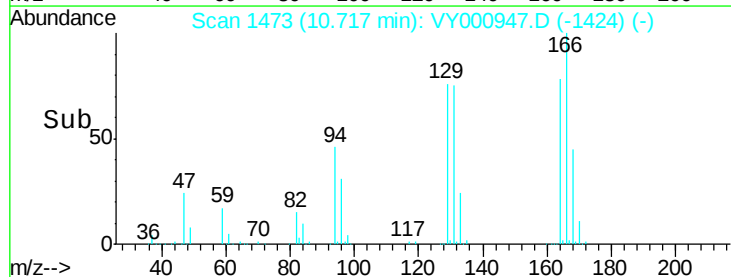
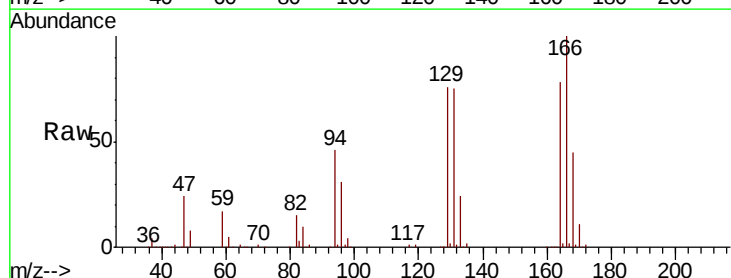
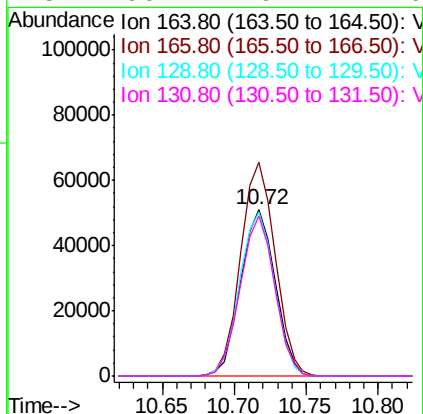
Manual Integrations
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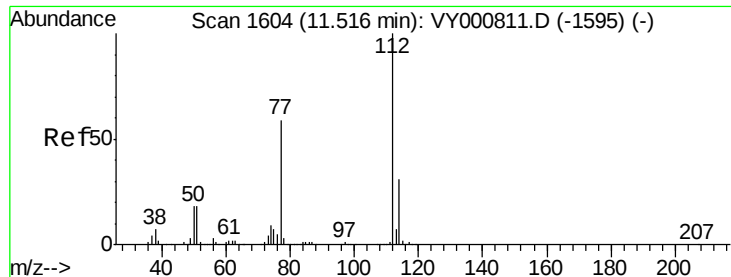
apatel
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#64
Tetrachloroethene
Concen: 20.290 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.8	152.8
129	98.3	79.3	118.9
131	96.1	76.4	114.6





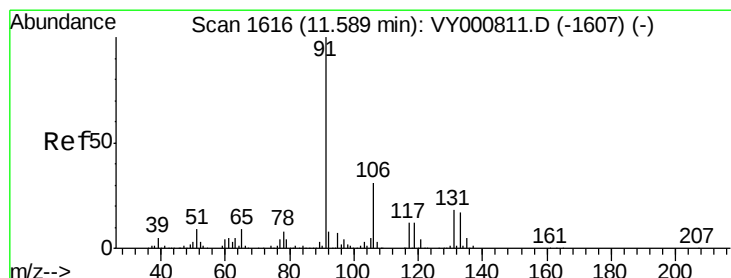
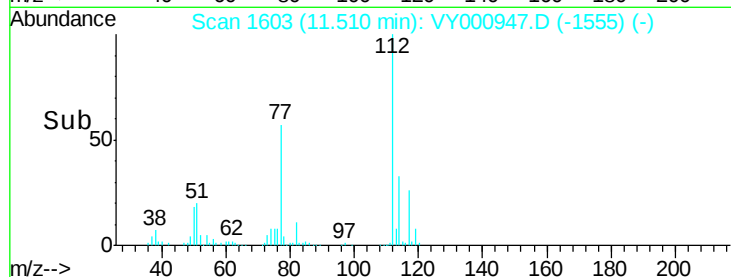
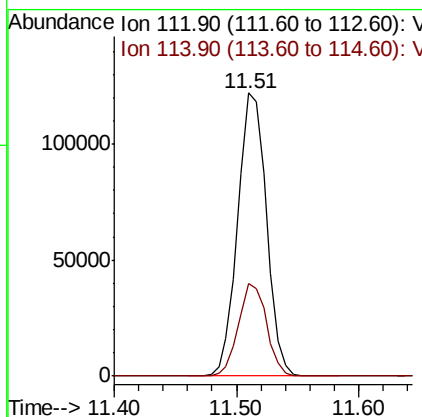
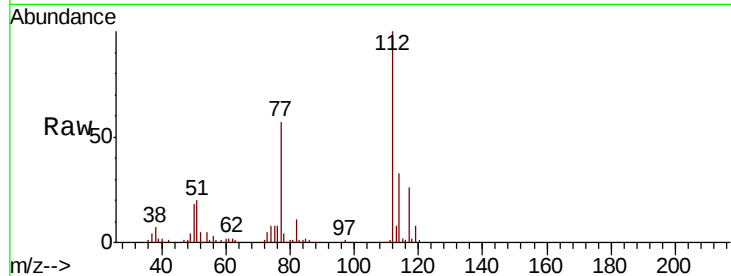
#65
Chlorobenzene
Concen: 19.911 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7

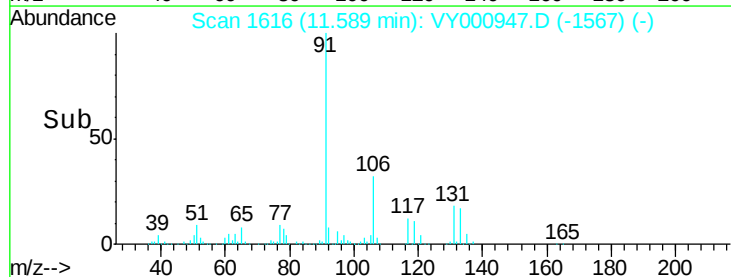
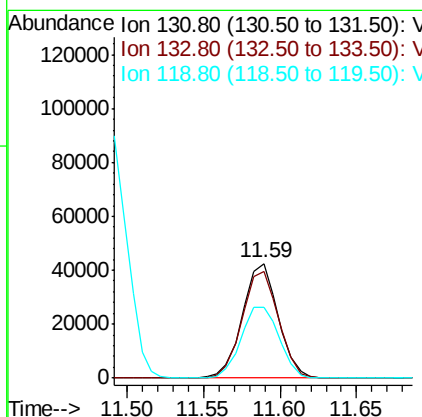
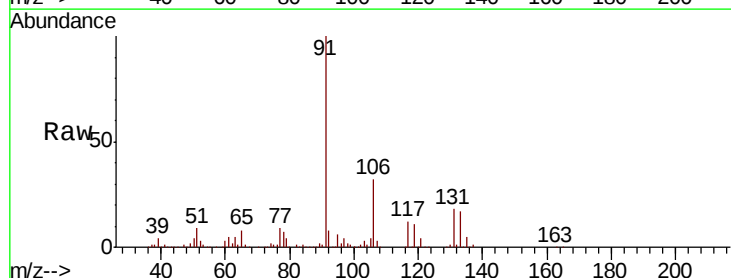
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.426 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.4	142.2
119	66.5	33.8	101.3





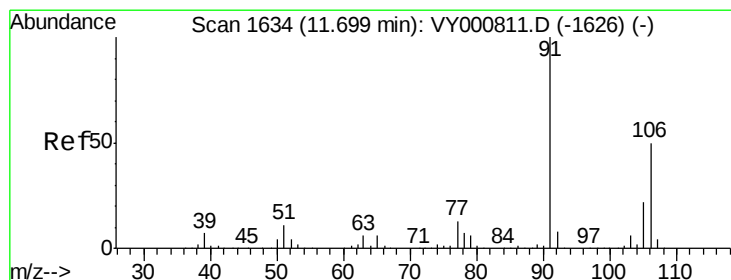
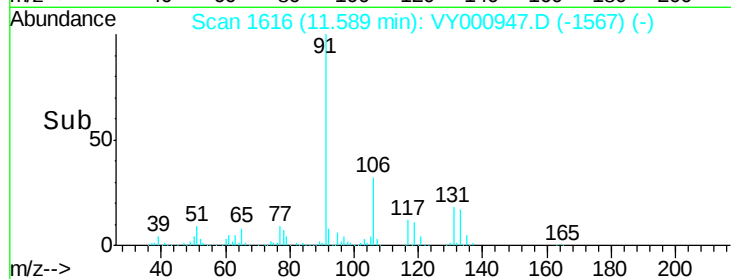
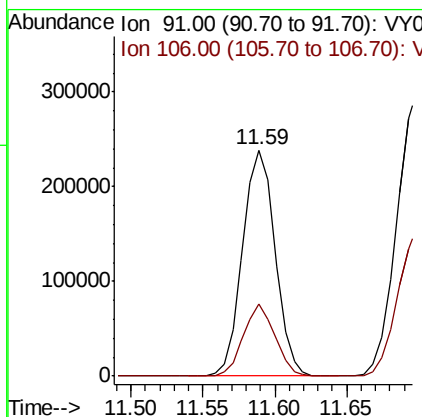
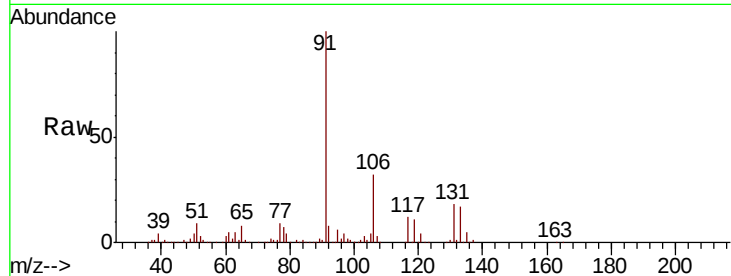
#67
Ethyl Benzene
Concen: 20.024 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion: 91 Resp: 372915
Ion Ratio Lower Upper
91 100
106 31.9 24.4 36.6

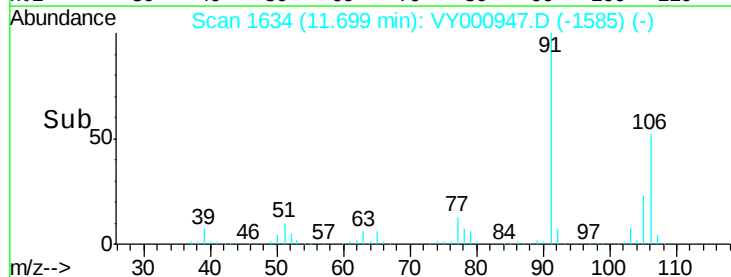
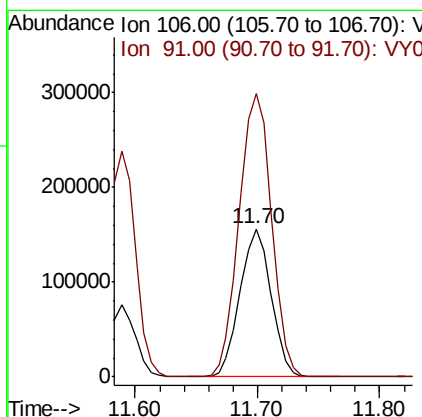
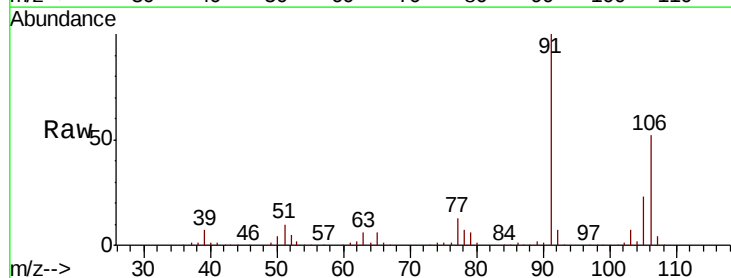
Manual Integrations
APPROVED

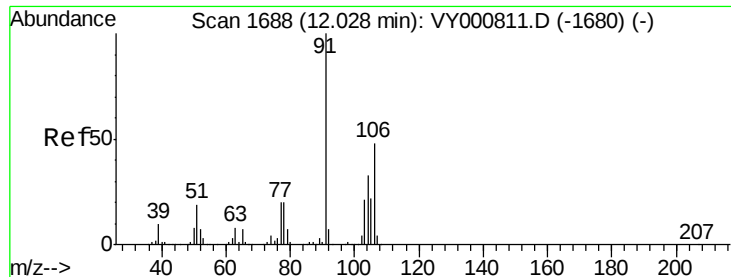
apatel
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#68
m/p-Xylenes
Concen: 39.658 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion: 106 Resp: 277216
Ion Ratio Lower Upper
106 100
91 199.2 159.6 239.4





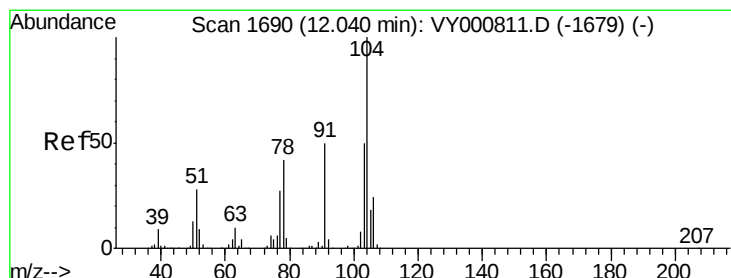
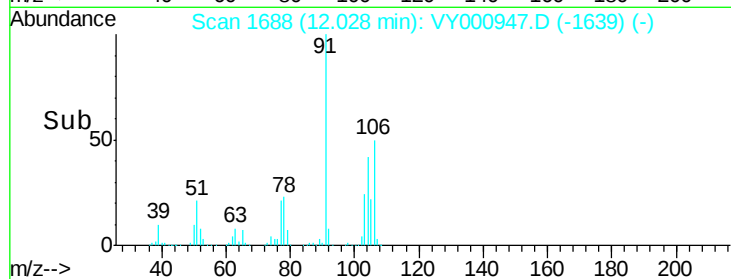
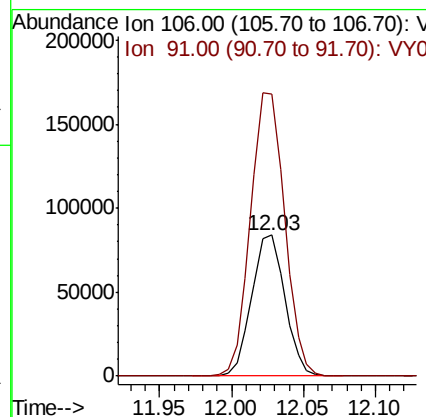
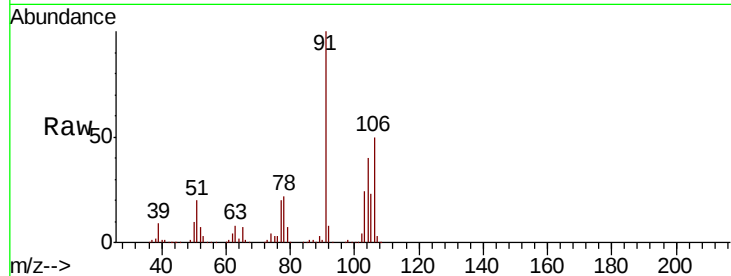
#69
o-Xylene
Concen: 20.544 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	133898		
91	206.5	106.1	318.1	

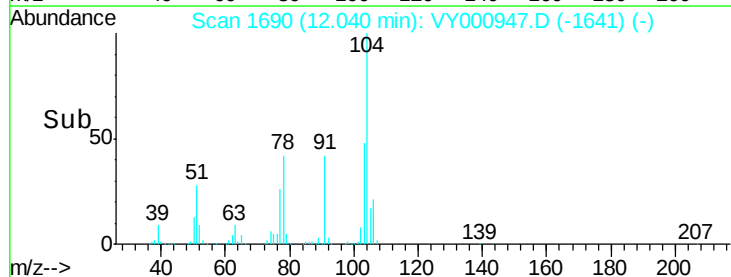
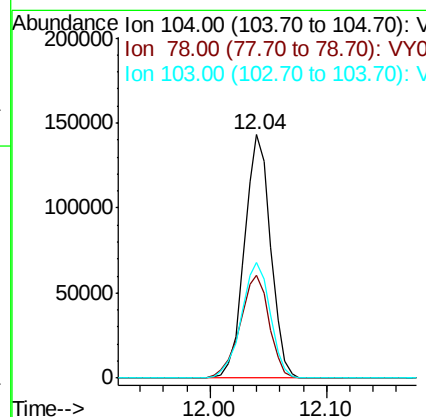
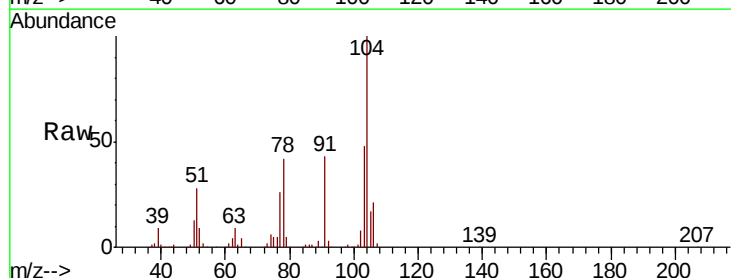
Manual Integrations
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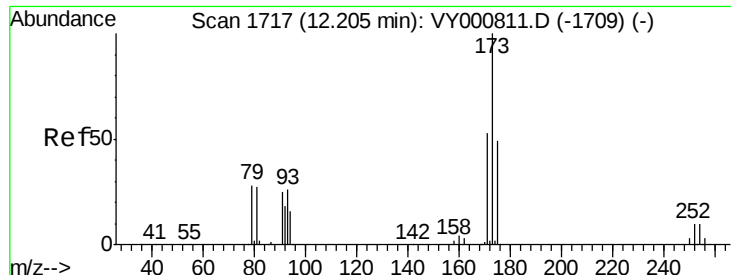
apatel
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#70
Styrene
Concen: 20.113 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	224461		
78	46.7	38.2	57.4	
103	52.5	43.4	65.0	





#71

Bromoform

Concen: 19.396 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion:173 Resp: 36864

Ion Ratio Lower Upper

173 100

175 47.9 24.5 73.5

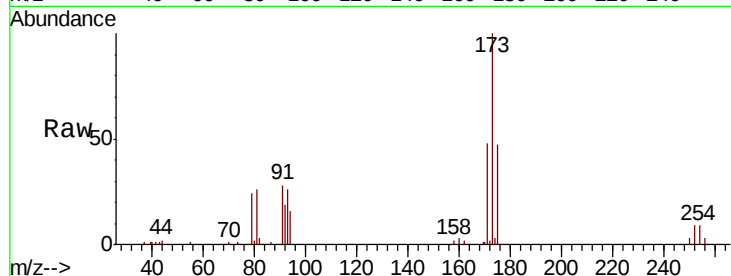
254 0.0 0.0 0.0

Manual Integrations

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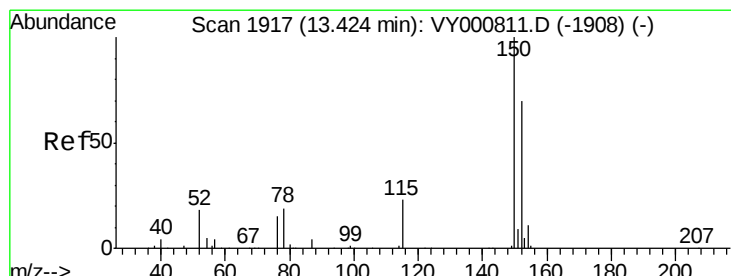
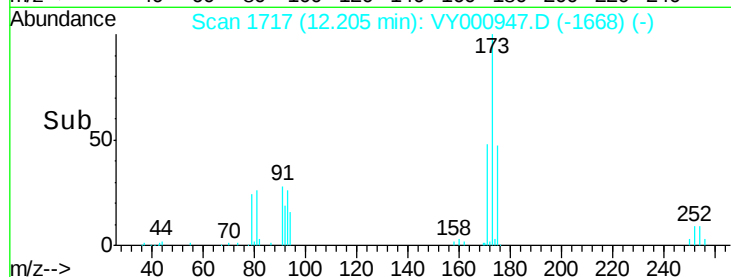
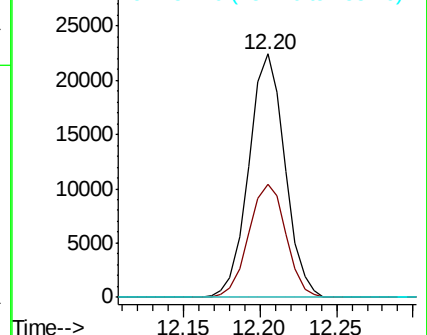
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

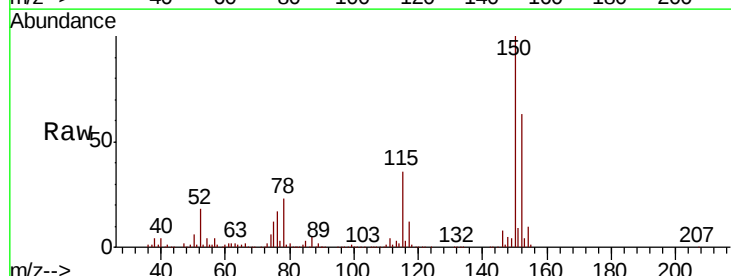
Tgt Ion:152 Resp: 227384

Ion Ratio Lower Upper

152 100

115 58.0 29.3 87.8

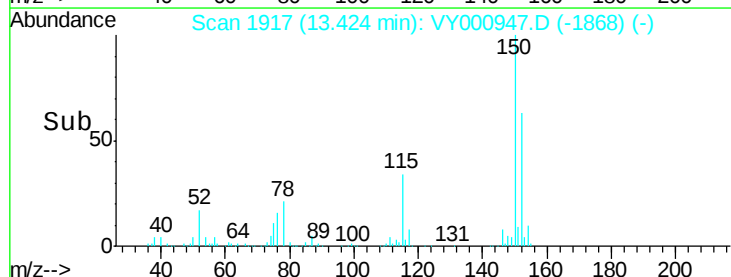
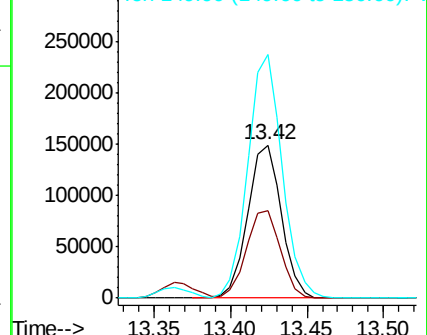
150 162.9 0.0 351.2

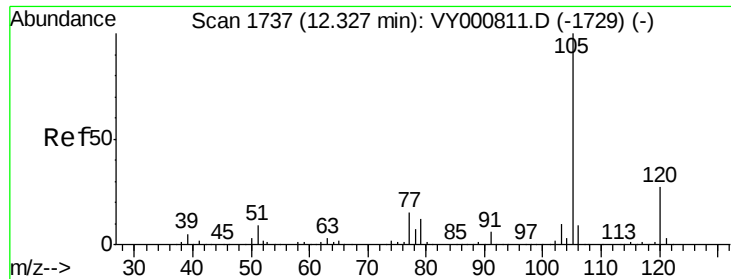


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.478 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion: 105 Resp: 352646

Ion Ratio Lower Upper

105 100

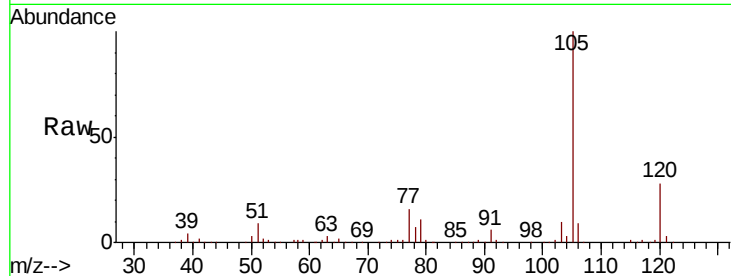
120 27.3 13.4 40.2

Manual Integrations

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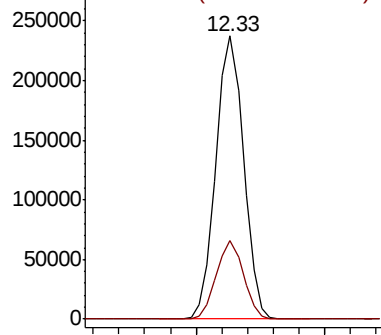
apatel

12/17/2019 12:49:47 PM

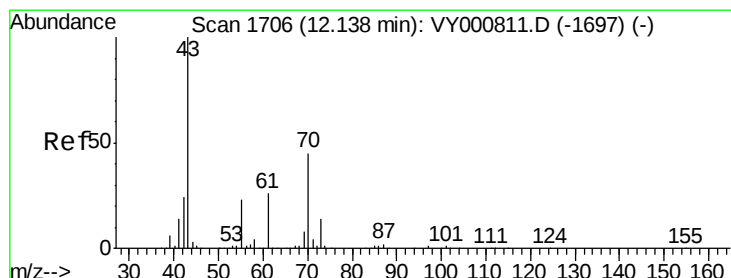
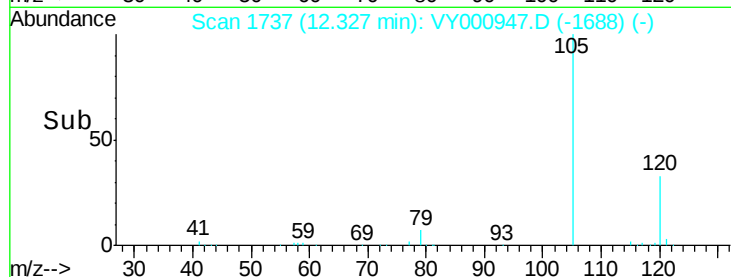


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 18.805 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Tgt Ion: 43 Resp: 94763

Ion Ratio Lower Upper

43 100

70 45.5 36.6 54.8

55 23.7 18.8 28.2

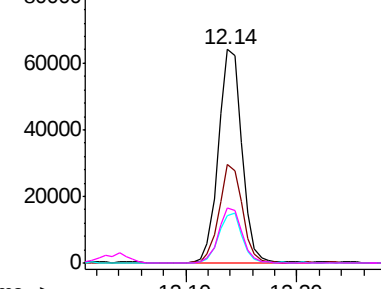
61 25.4 21.0 31.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

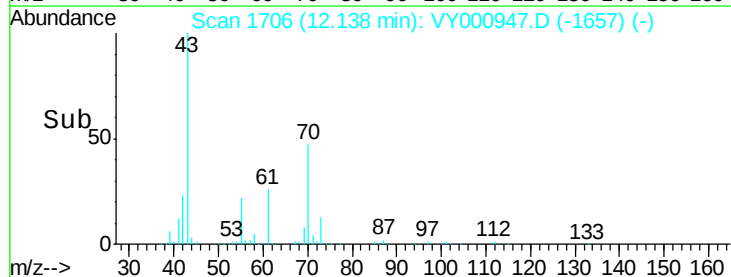
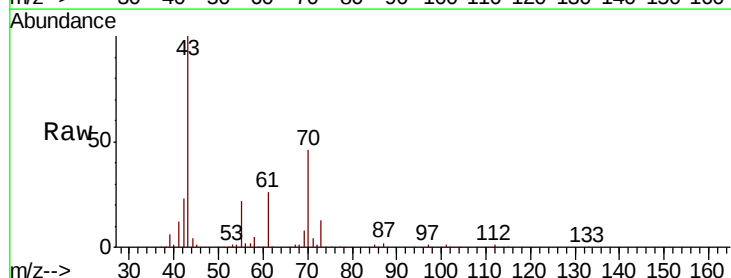
Ion 70.00 (69.70 to 70.70): VY0

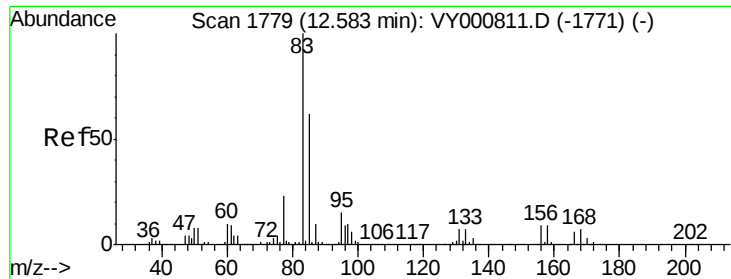
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.261 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

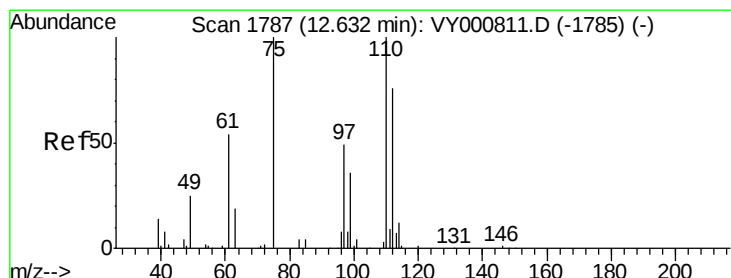
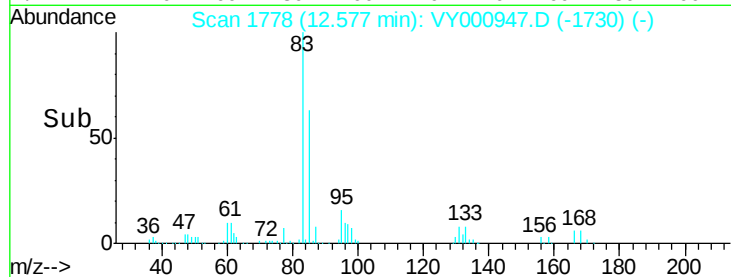
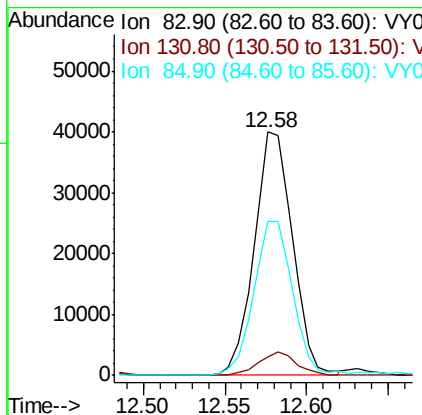
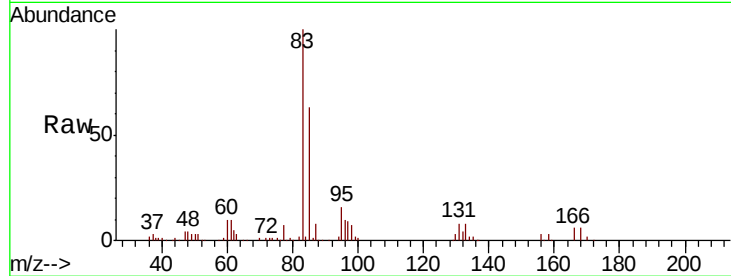
ClientSampleId :

VY1216SBS01

Tot Ion:	83	Resp:	65144
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.3	13.1
85	64.3	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.102 ug/l m

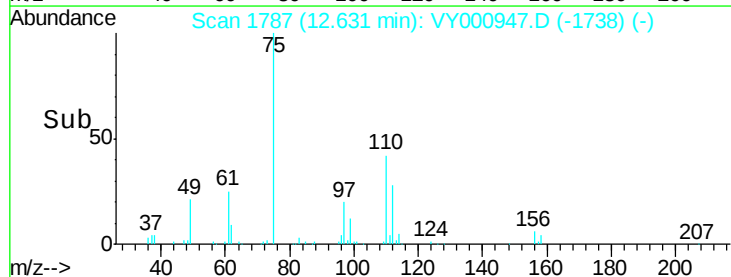
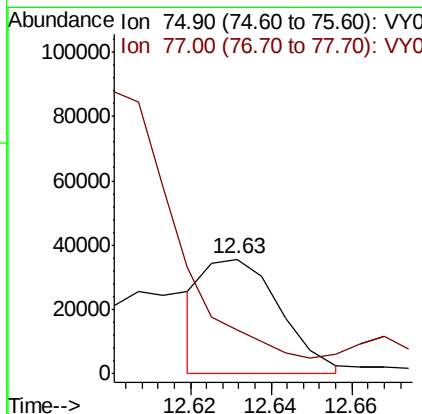
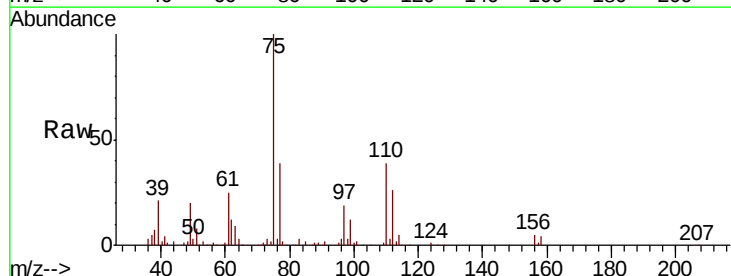
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Tgt Ion:	75	Resp:	46635
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.758 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion:156 Resp: 77539

Ion Ratio Lower Upper

156 100

77 201.0 102.6 307.7

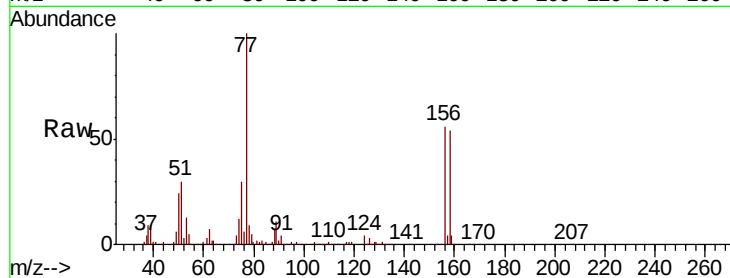
158 94.1 47.6 142.8

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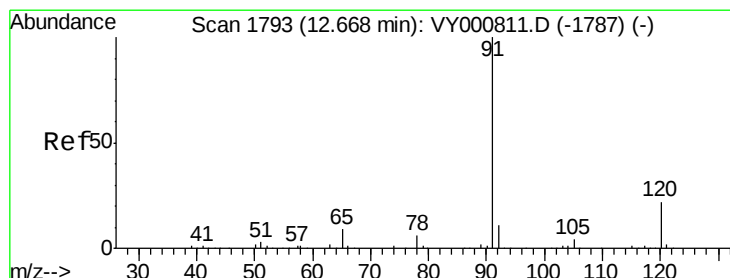
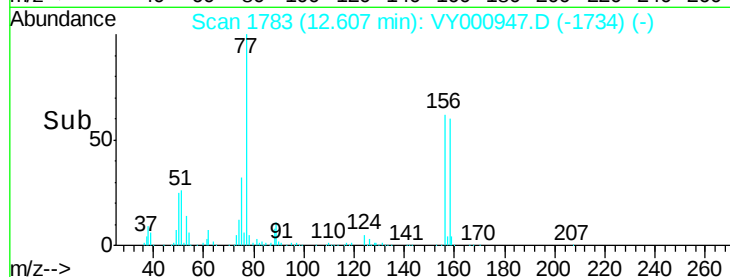
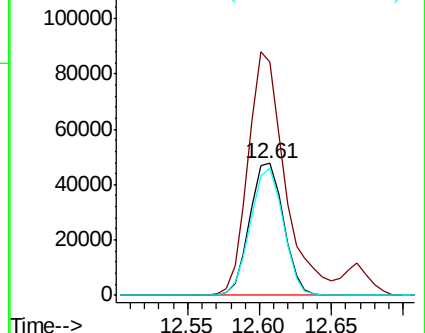
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.416 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000947.D

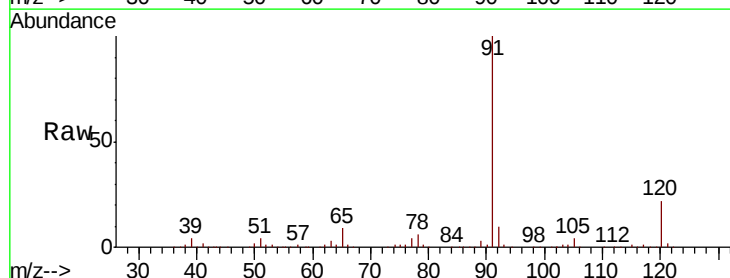
Acq: 16 Dec 2019 11:52

Tgt Ion: 91 Resp: 429211

Ion Ratio Lower Upper

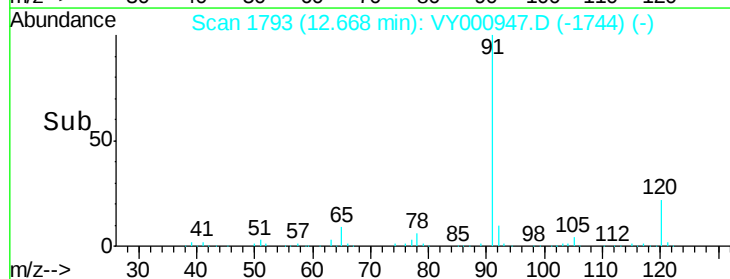
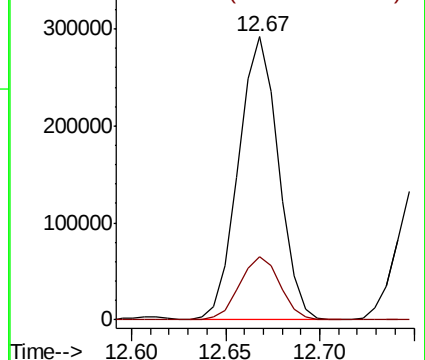
91 100

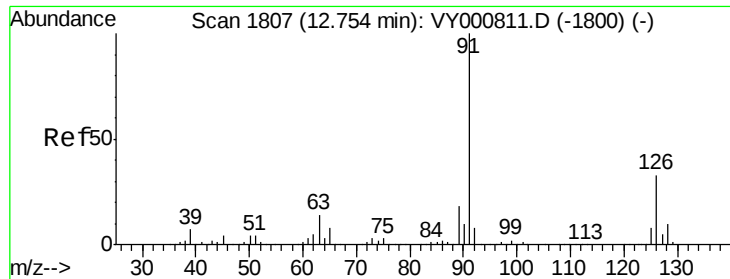
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





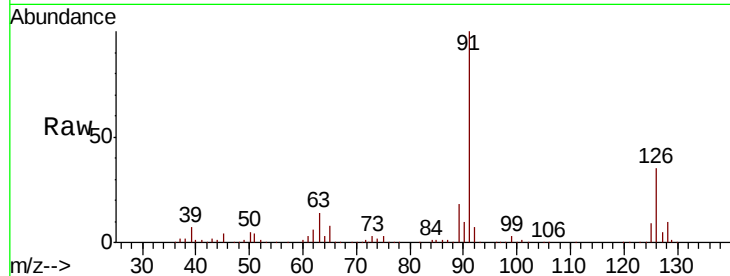
#79
2-Chlorotoluene
Concen: 19.355 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

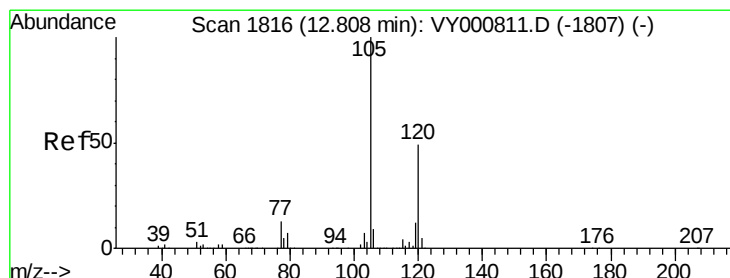
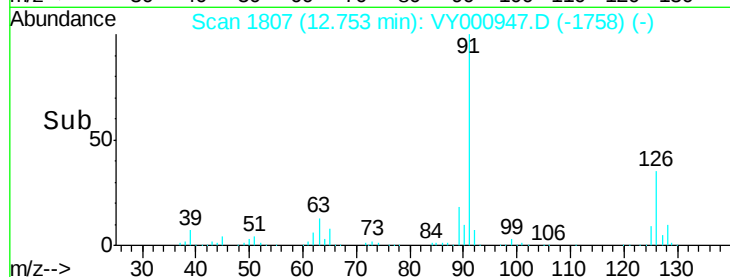
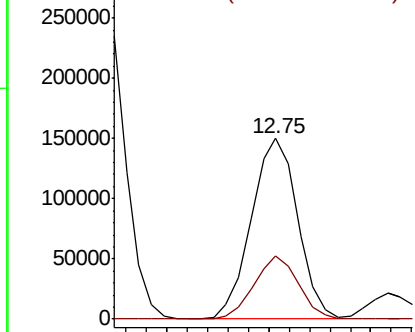
Tot Ion: 91 Resp: 236378
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0

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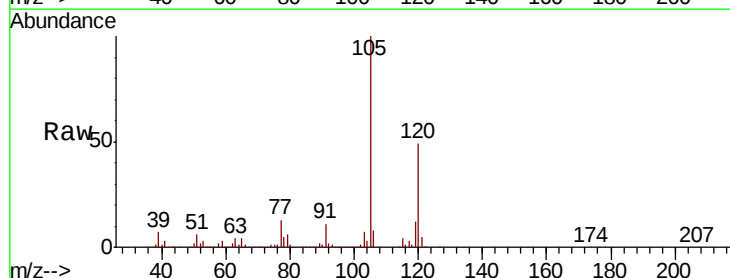


Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 125.90 (125.60 to 126.60): V

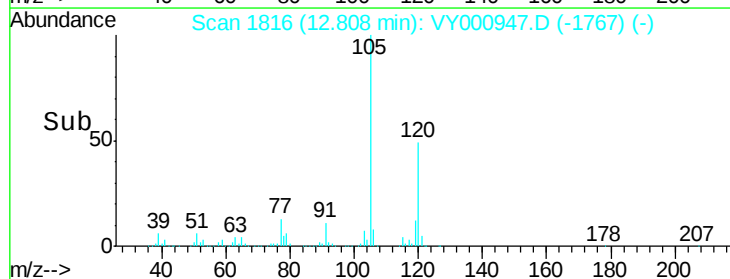
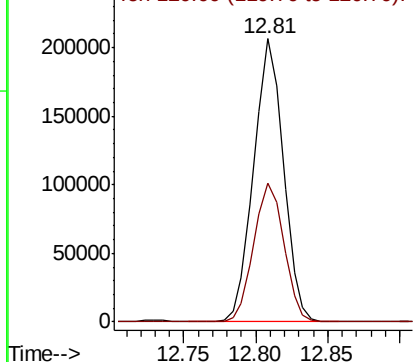


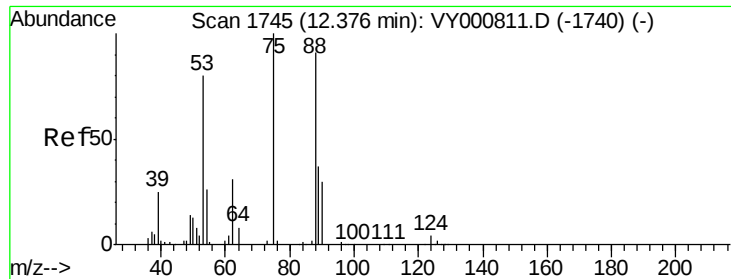
#80
1,3,5-Trimethylbenzene
Concen: 19.640 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion: 105 Resp: 294409
Ion Ratio Lower Upper
105 100
120 50.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





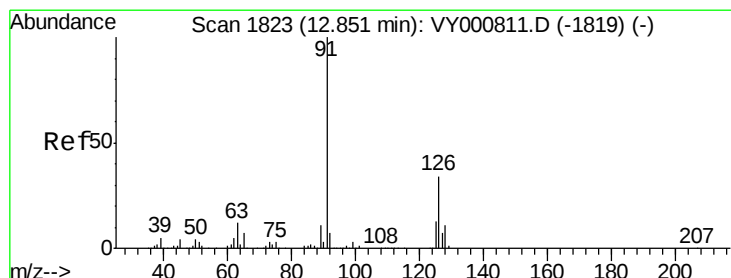
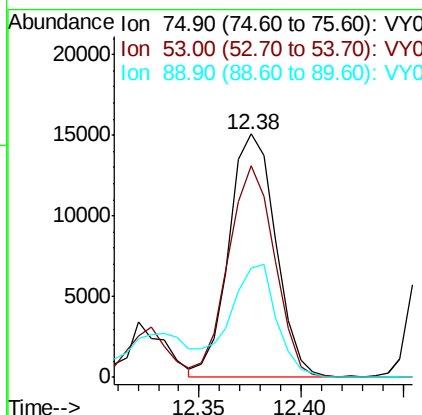
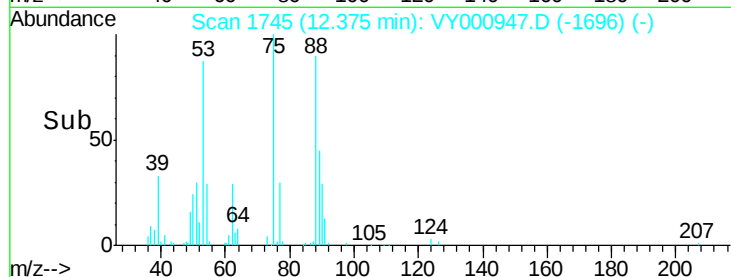
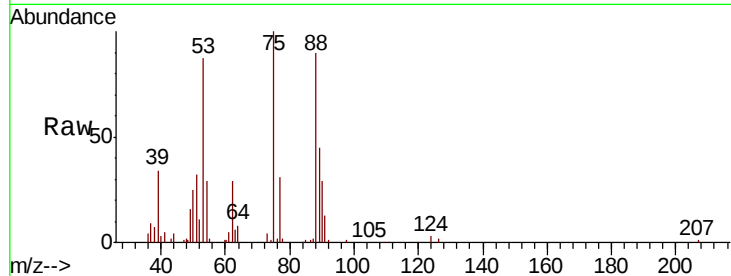
#81
trans-1,4-Dichloro-2-butene
Concen: 18.291 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.5	64.6	96.8
89	46.2	33.6	50.4

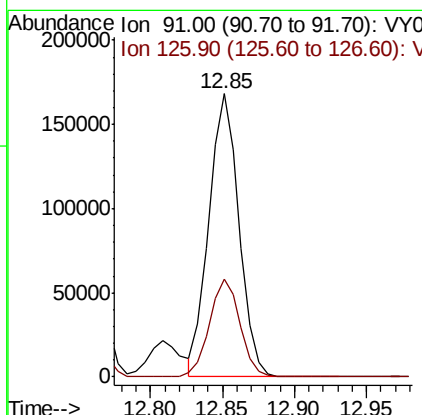
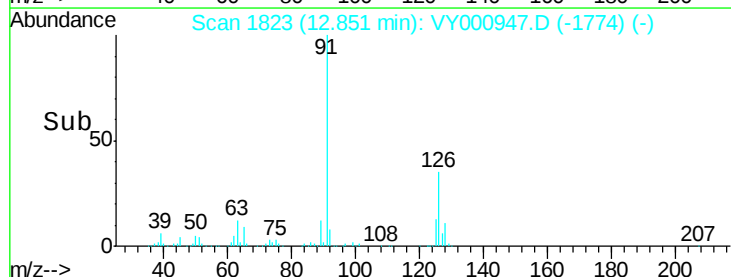
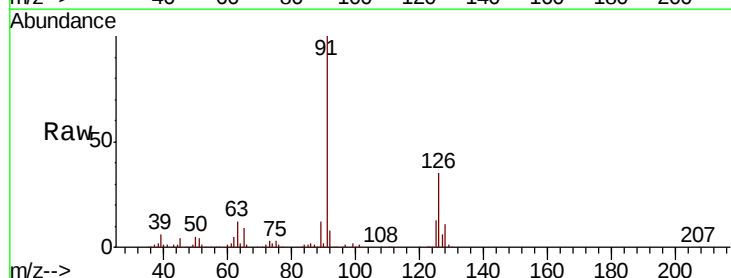
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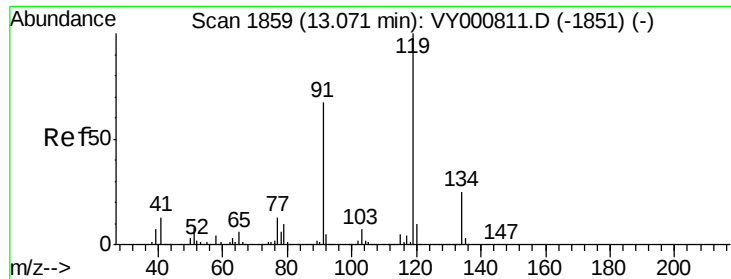
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#82
4-Chlorotoluene
Concen: 19.408 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	51.9





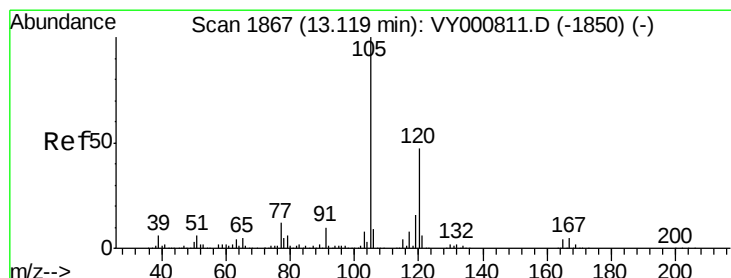
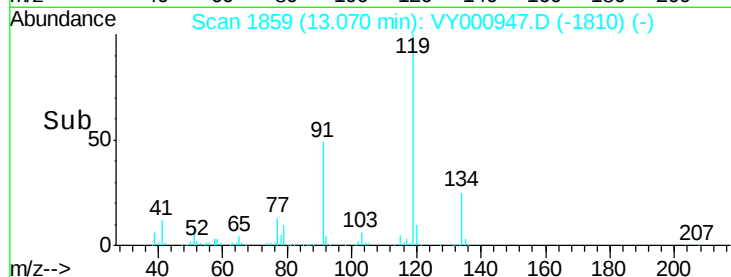
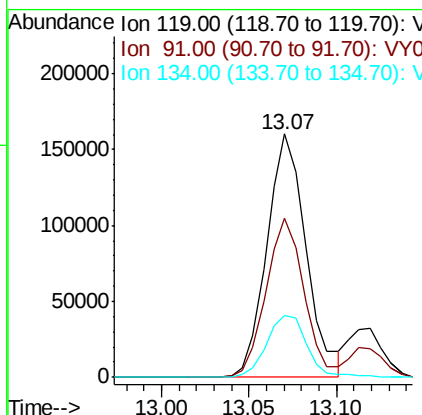
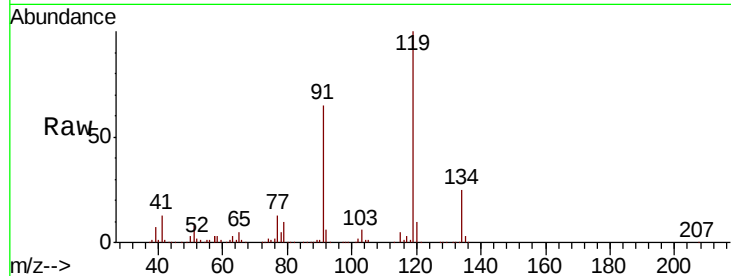
#83
 tert-Butylbenzene
 Concen: 19.861 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.6	32.3	96.8
134	26.6	12.9	38.7

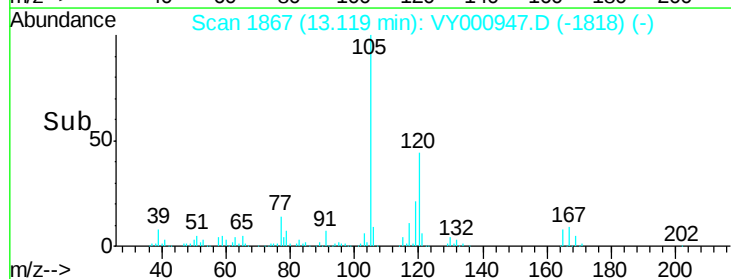
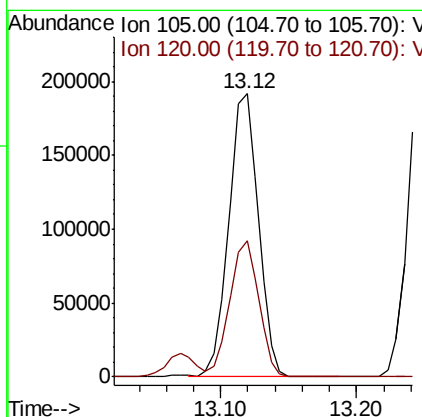
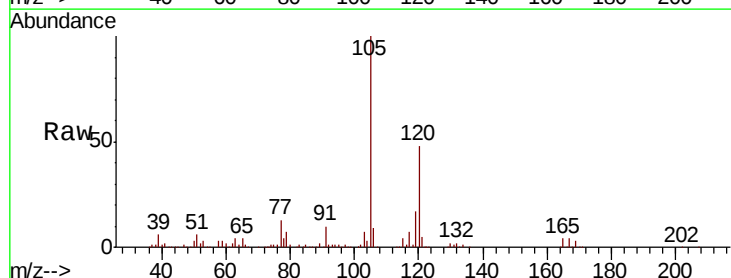
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.394 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.901 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

ClientSampleId :

VY1216SBS01

Tot Ion:105 Resp: 364770

Ion Ratio Lower Upper

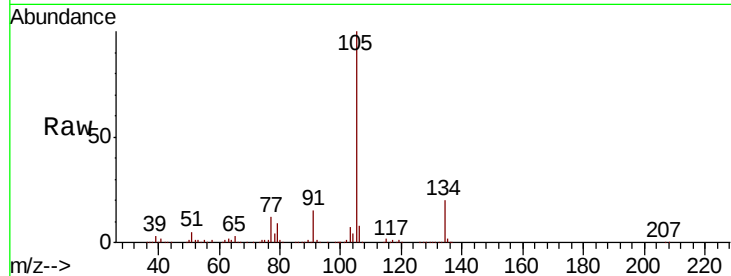
105 100

134 20.5 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

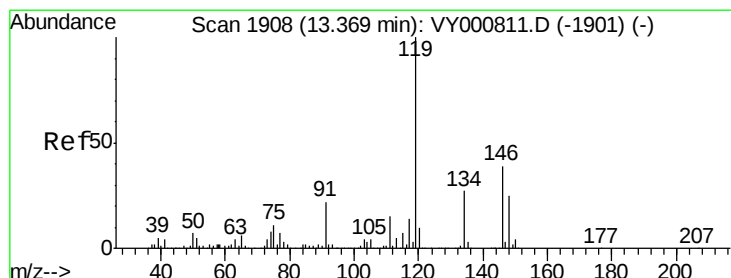
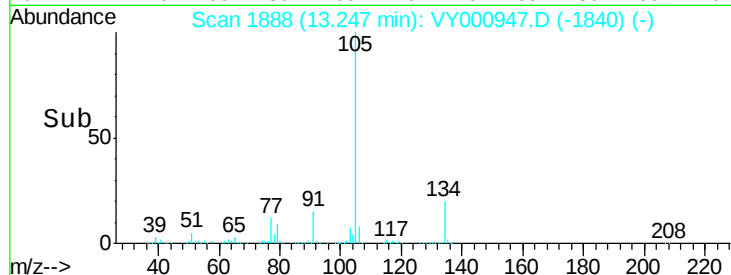
100000

50000

0

13.20 13.25 13.30

Time-->



#86

p-Isopropyltoluene

Concen: 20.022 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

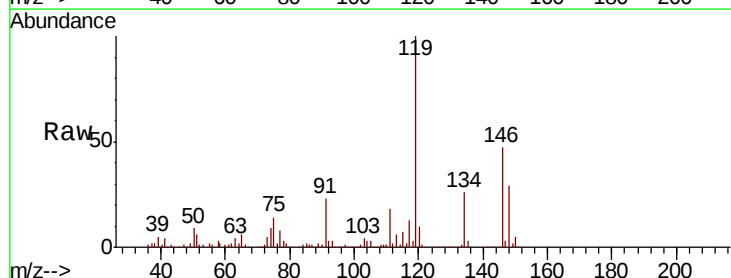
Tgt Ion:119 Resp: 319206

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 23.2 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

300000

250000

200000

150000

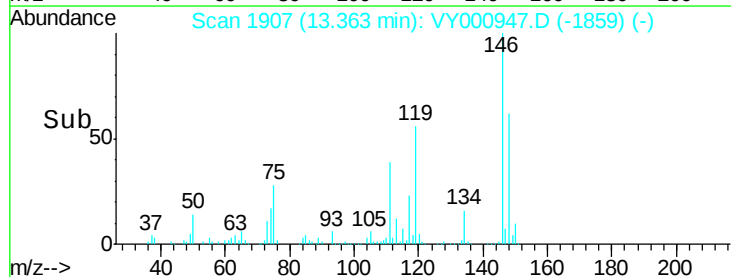
100000

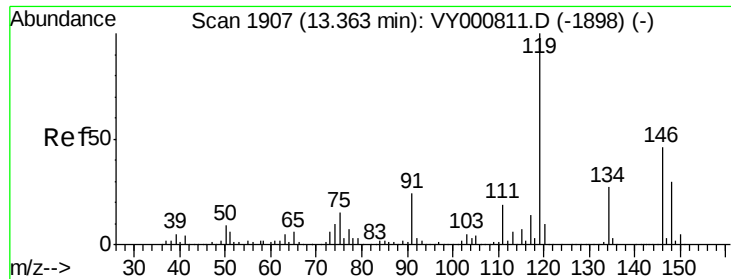
50000

0

13.30 13.35 13.40

Time-->





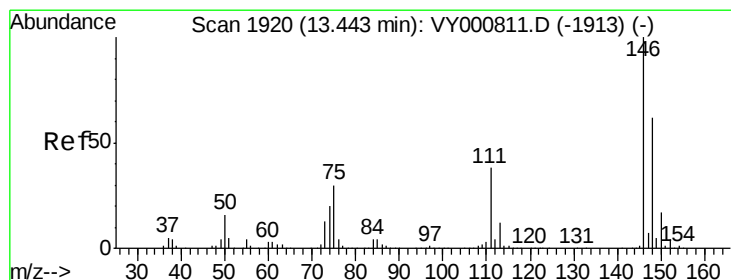
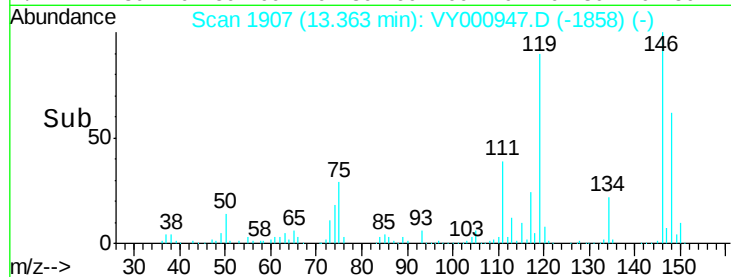
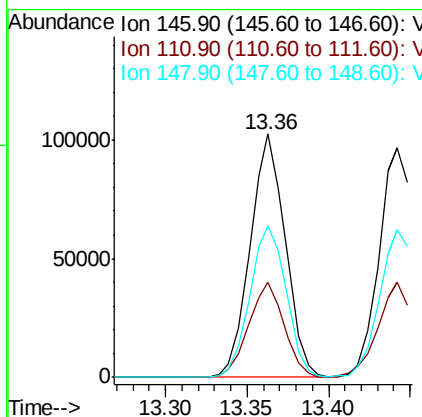
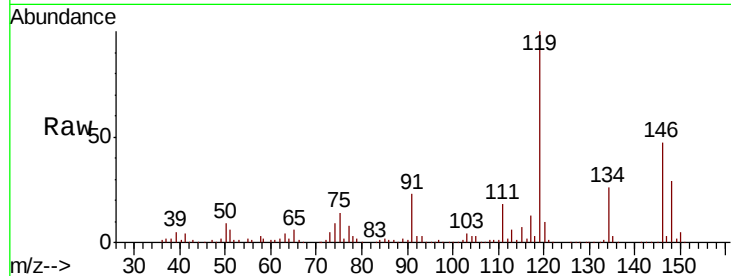
#87
 1,3-Dichlorobenzene
 Concen: 19.885 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	153091		
111	39.5	20.0	60.0	
148	64.2	32.1	96.5	

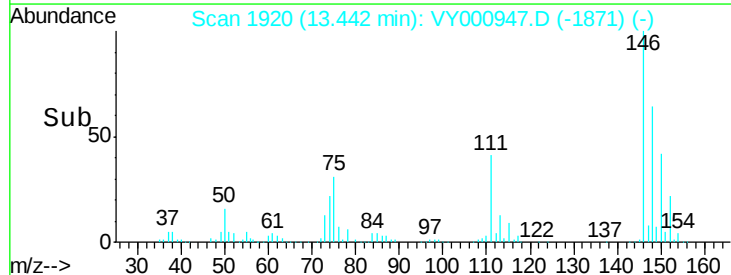
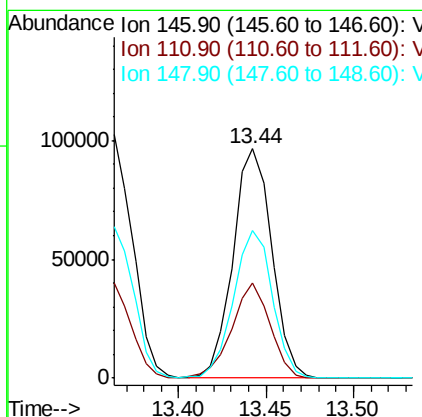
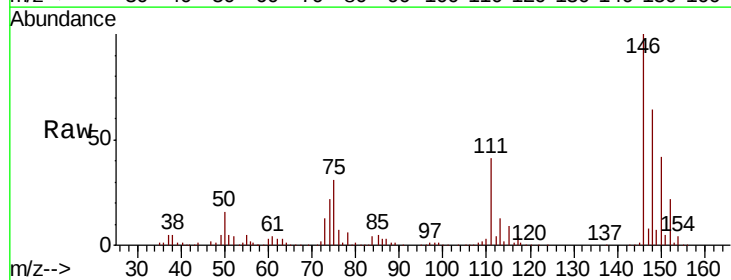
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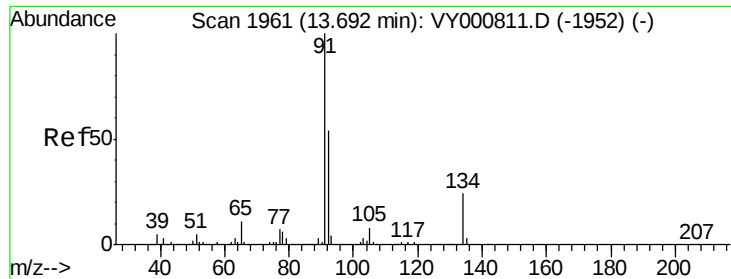
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#88
 1,4-Dichlorobenzene
 Concen: 19.570 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	149176		
111	40.9	20.0	59.9	
148	64.6	31.7	95.1	





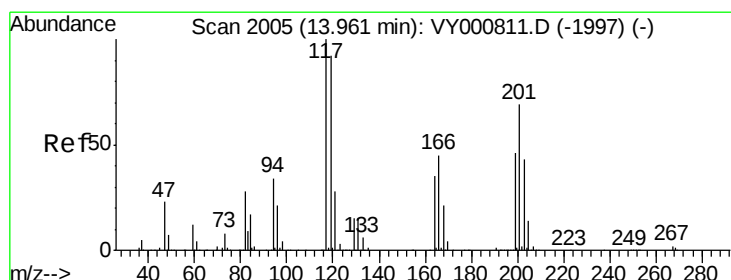
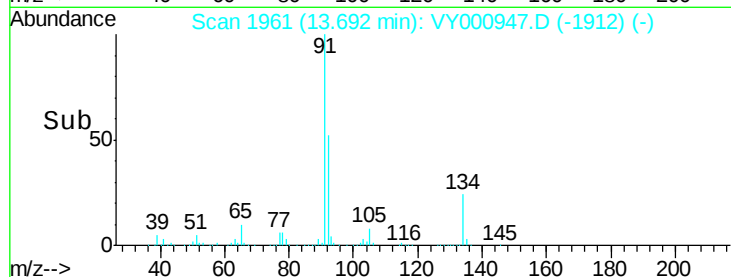
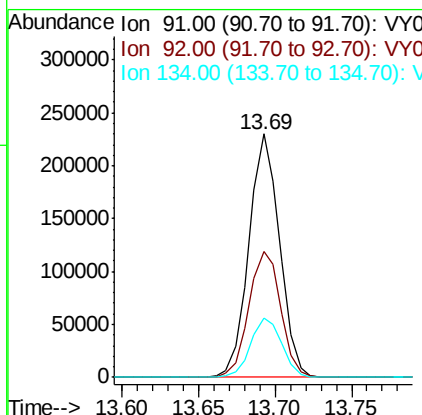
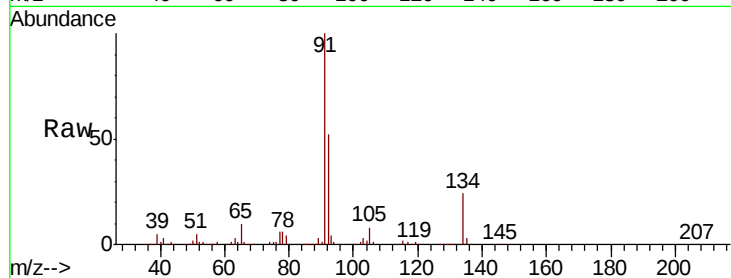
#89
n-Butylbenzene
Concen: 19.881 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Instrument :
MSVOA_Y
ClientSampleId :
VY1216SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	26.9	80.7
134	24.9	12.6	37.6

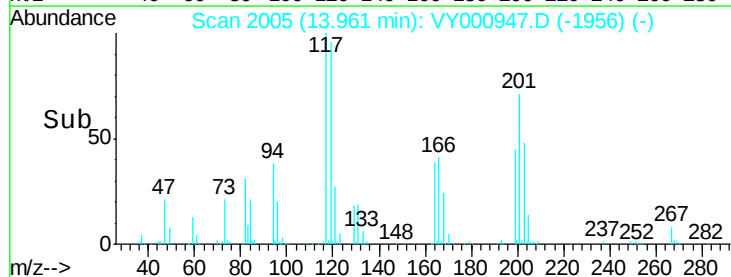
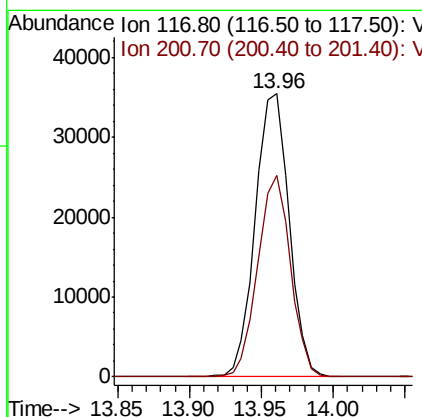
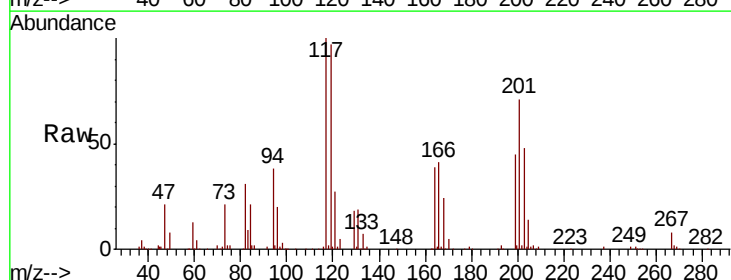
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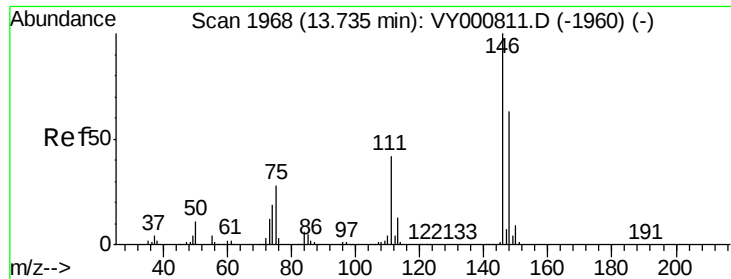
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#90
Hexachloroethane
Concen: 19.620 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000947.D
Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.8	34.0	102.0





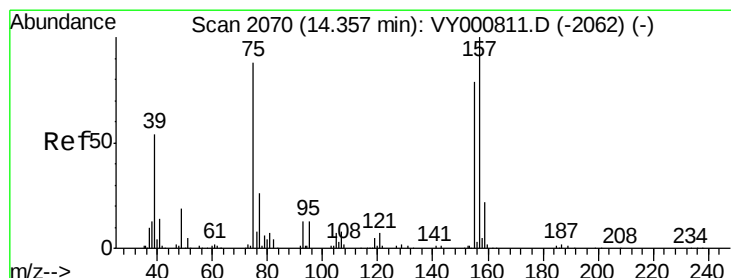
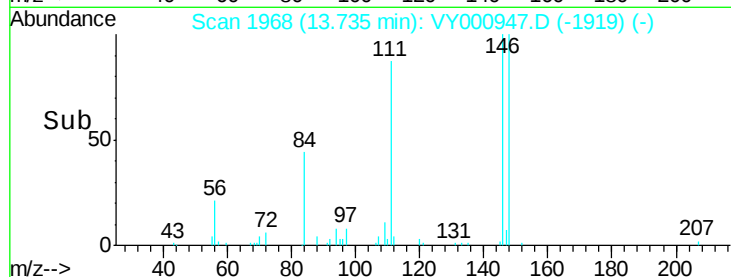
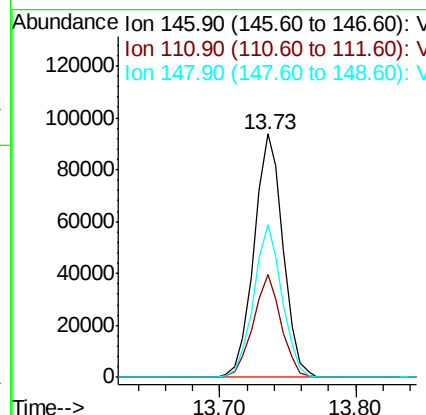
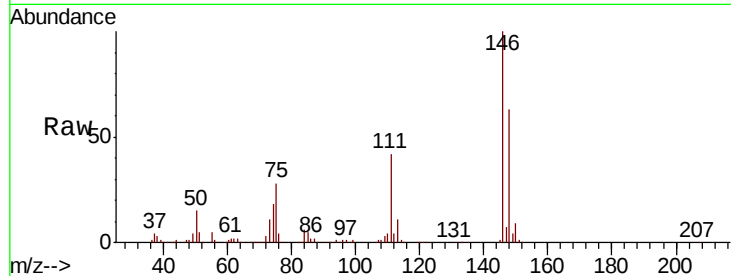
#91
 1,2-Dichlorobenzene
 Concen: 20.230 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.7
148	61.3	32.1	96.3

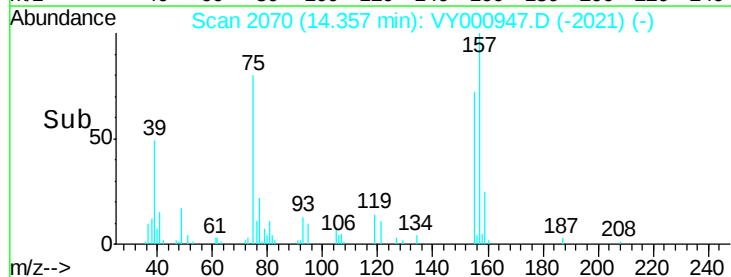
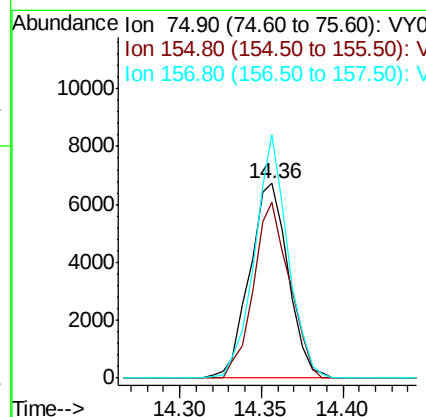
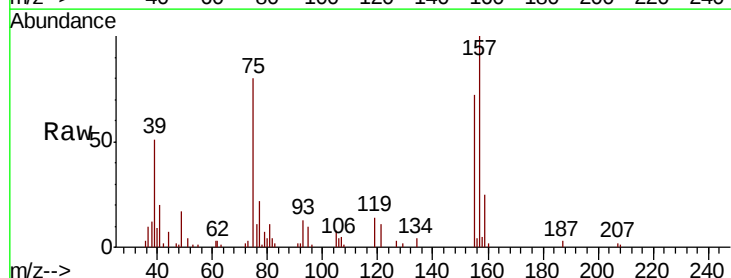
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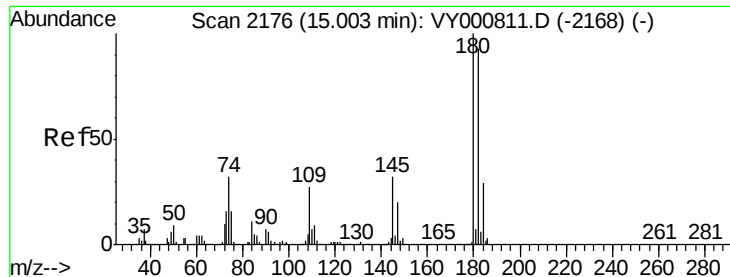
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.496 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	44.3	132.9
157	107.7	56.3	168.9





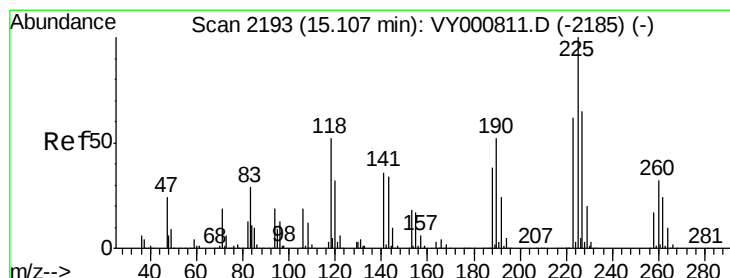
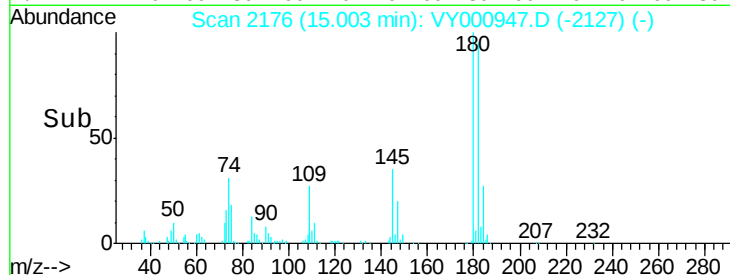
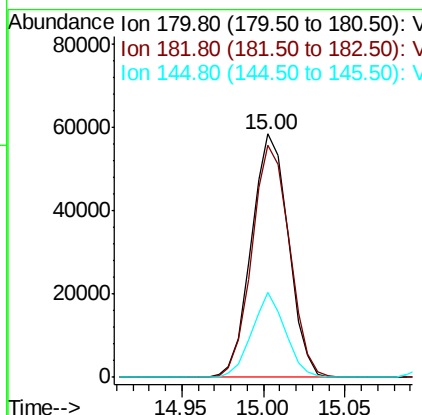
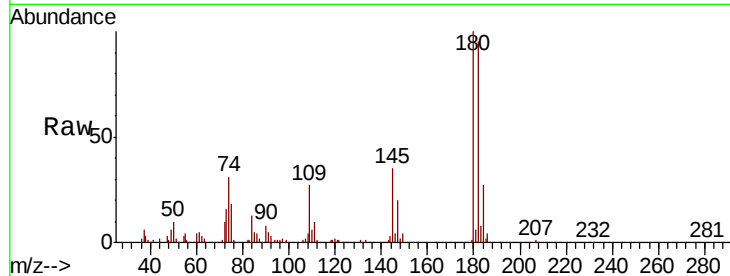
#93
 1,2,4-Trichlorobenzene
 Concen: 19.786 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1216SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.3	141.9
145	31.4	16.0	47.9

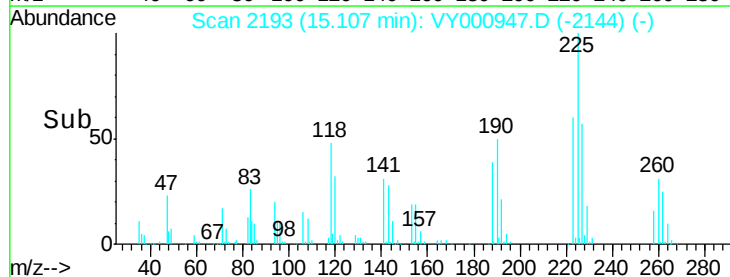
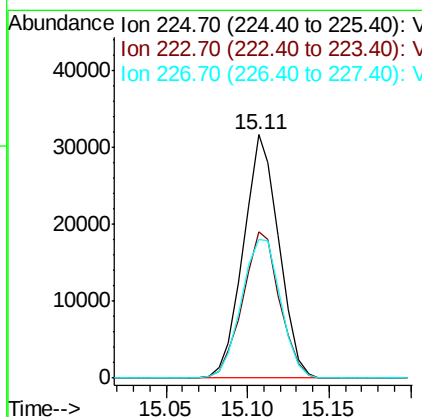
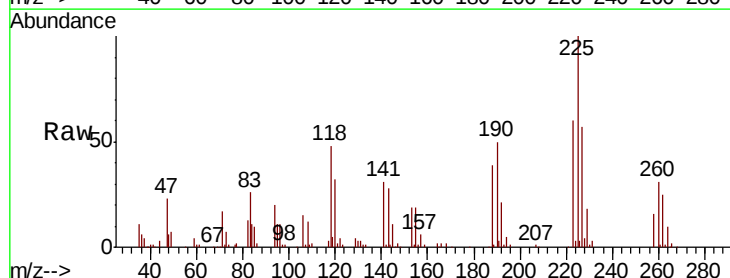
Manual Integrations
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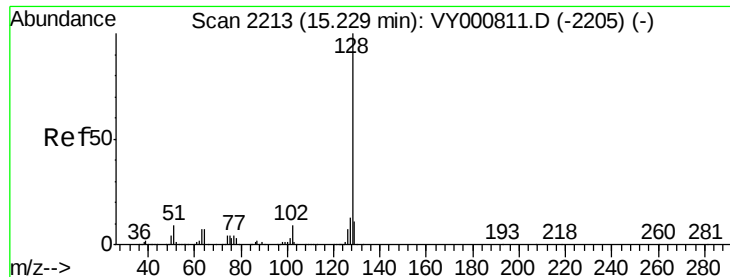
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#94
 Hexachlorobutadiene
 Concen: 20.665 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000947.D
 Acq: 16 Dec 2019 11:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.4	94.3
227	62.9	31.8	95.3





#95

Naphthalene

Concen: 18.889 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Instrument :

MSVOA_Y

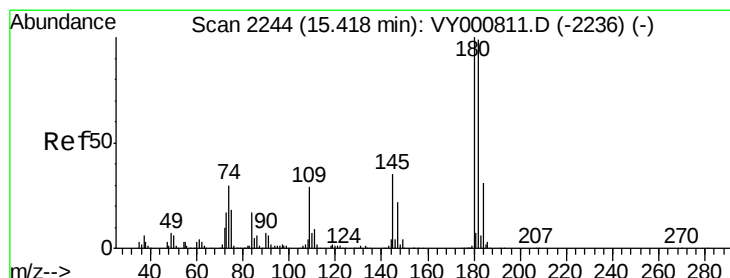
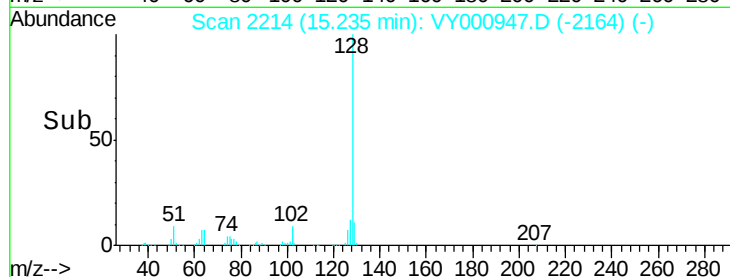
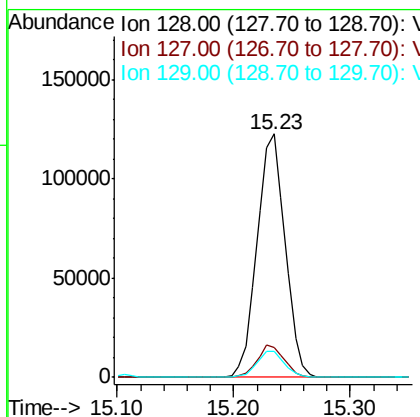
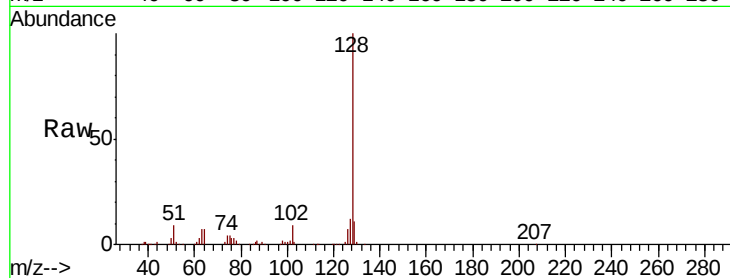
ClientSampleId :

VY1216SBS01

Tot Ion:	128	Resp:	205521
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.1	15.1
129	10.7	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.946 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000947.D

Acq: 16 Dec 2019 11:52

Tgt Ion:	180	Resp:	83486
Ion Ratio	Lower	Upper	
180	100		
182	94.2	48.0	144.0
145	32.3	16.9	50.6

