

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000908.D
 Acq On : 09 Dec 2019 12:09
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Manual Integrations
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 12/10/2019 4:08:56 PM

Quant Time: Dec 10 06:57:48 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	319726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	556844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	492028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	165854	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
35) Dibromofluoromethane	7.72	113	160873	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
50) Toluene-d8	10.18	98	677747	52.24	ug/l	0.00
Spiked Amount			Recovery	=	104.48%	
62) 4-Bromofluorobenzene	12.48	95	233600	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	66260	19.252	ug/l	99
3) Chloromethane	2.12	50	82591	19.467	ug/l	98
4) Vinyl Chloride	2.25	62	84026	20.096	ug/l	100
5) Bromomethane	2.65	94	51395	18.865	ug/l	96
6) Chloroethane	2.79	64	50811	19.820	ug/l	99
7) Trichlorofluoromethane	3.12	101	119738	20.896	ug/l	97
8) Diethyl Ether	3.53	74	45706	21.192	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.90	101	75459	21.324	ug/l	98
10) Methyl Iodide	4.10	142	91557	20.550	ug/l	97
11) Tert butyl alcohol	4.97	59	33433	97.814	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	74870	21.357	ug/l	90
13) Acrolein	3.74	56	34903	103.663	ug/l	95
14) Allyl chloride	4.48	41	123412	20.531	ug/l	97
15) Acrylonitrile	5.17	53	112539	101.053	ug/l	98
16) Acetone	3.96	43	80396	103.158	ug/l	97
17) Carbon Disulfide	4.19	76	235502	20.771	ug/l	99
18) Methyl Acetate	4.48	43	61329	18.820	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	197594	21.105	ug/l	99
20) Methylene Chloride	4.72	84	97488	23.731	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	82158	20.619	ug/l	98
22) Diisopropyl ether	6.13	45	257407	20.835	ug/l	99
23) Vinyl Acetate	6.07	43	773229	102.951	ug/l	99
24) 1,1-Dichloroethane	6.02	63	140992	20.706	ug/l	98
25) 2-Butanone	7.00	43	140746	97.763	ug/l	100
26) 2,2-Dichloropropane	6.99	77	119746	20.895	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	91851	21.326	ug/l	100
28) Bromochloromethane	7.34	49	32677	14.576	ug/l	98
29) Tetrahydrofuran	7.35	42	95421	100.022	ug/l	99
30) Chloroform	7.51	83	135690	19.864	ug/l	97
31) Cyclohexane	7.78	56	147847	20.496	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	117022	20.747	ug/l	99
36) 1,1-Dichloropropene	7.93	75	114138	20.615	ug/l	100
37) Ethyl Acetate	7.08	43	63205	19.770	ug/l	100
38) Carbon Tetrachloride	7.91	117	102811	20.851	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153058	20.865	ug/l	91
40) Benzene	8.16	78	339937	21.078	ug/l	96
41) Methacrylonitrile	7.33	41	37223m	22.091	ug/l	
42) 1,2-Dichloroethane	8.24	62	87070	20.529	ug/l	98
43) Isopropyl Acetate	8.28	43	118219	19.623	ug/l	100
44) Trichloroethene	8.94	130	89342	21.556	ug/l	94
45) 1,2-Dichloropropane	9.22	63	87066	21.493	ug/l	94
46) Dibromomethane	9.31	93	43638	20.617	ug/l	98
47) Bromodichloromethane	9.50	83	101469	20.407	ug/l	99
48) Methyl methacrylate	9.29	41	51608	19.480	ug/l	95
49) 1,4-Dioxane	9.30	88	11364	378.922	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	313830	100.820	ug/l	100
52) Toluene	10.24	92	210557	21.086	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	111678	20.906	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	131274	20.790	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	65416	20.919	ug/l	97
56) Ethyl methacrylate	10.51	69	96094	21.481	ug/l	97
57) 1,3-Dichloropropane	10.79	76	113803	20.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	183993	102.006	ug/l	99
59) 2-Hexanone	10.83	43	217120	95.723	ug/l	100
60) Dibromochloromethane	10.98	129	69582	20.670	ug/l	99
61) 1,2-Dibromoethane	11.08	107	62889	21.339	ug/l	95
64) Tetrachloroethene	10.72	164	94509	22.108	ug/l	98
65) Chlorobenzene	11.51	112	216463	21.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	76033	22.060	ug/l	97
67) Ethyl Benzene	11.59	91	402926	21.154	ug/l	99
68) m/p-Xylenes	11.70	106	306623	42.888	ug/l	97
69) o-Xylene	12.03	106	141038	21.158	ug/l	99
70) Styrene	12.04	104	244905	21.456	ug/l	99
71) Bromoform	12.20	173	40901	21.040	ug/l #	99
73) Isopropylbenzene	12.33	105	380537	20.706	ug/l	100
74) N-amyl acetate	12.14	43	102248	19.989	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	72900	20.132	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	50787m	19.421	ug/l	
77) Bromobenzene	12.61	156	82273	20.653	ug/l	99
78) n-propylbenzene	12.67	91	466731	20.799	ug/l	98
79) 2-Chlorotoluene	12.75	91	256353	20.679	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	313506	20.603	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	27409	20.588	ug/l	99
82) 4-Chlorotoluene	12.85	91	268306	21.007	ug/l	100
83) tert-Butylbenzene	13.07	119	262982	20.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	320672	21.064	ug/l	100
85) sec-Butylbenzene	13.25	105	393704	21.160	ug/l	100
86) p-Isopropyltoluene	13.36	119	344203	21.270	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	164158	21.006	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	164501	21.259	ug/l	99
89) n-Butylbenzene	13.69	91	349433	21.357	ug/l	99
90) Hexachloroethane	13.95	117	62636	21.011	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	151624	21.570	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13638	22.496	ug/l	87

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Instrument :
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ClientSampleId :
VY1209SBS01

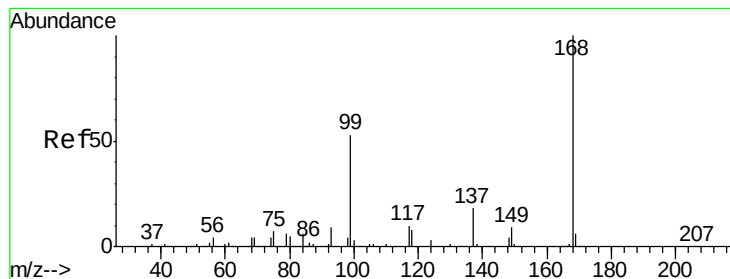
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	104252	21.918	ug/l	99
94) Hexachlorobutadiene	15.11	225	52124	22.102	ug/l	99
95) Naphthalene	15.23	128	239339	21.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94338	22.204	ug/l	96

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



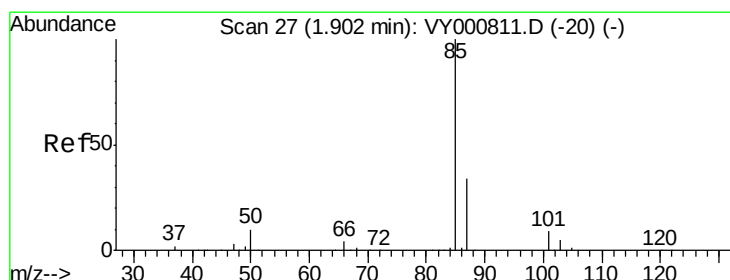
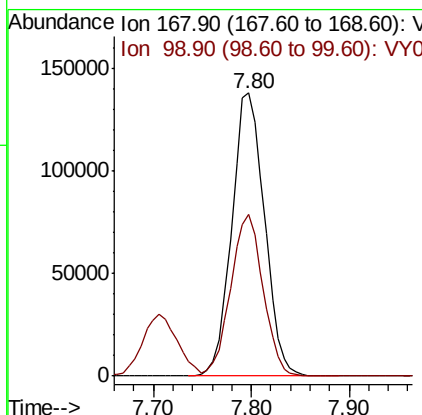
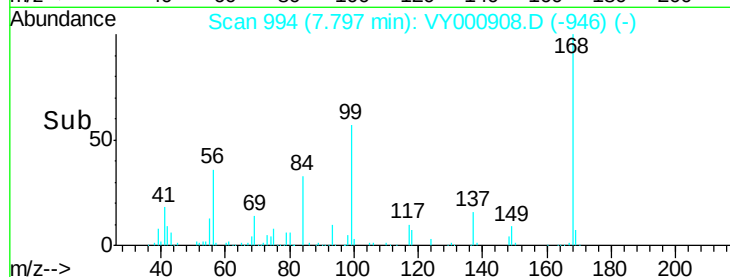
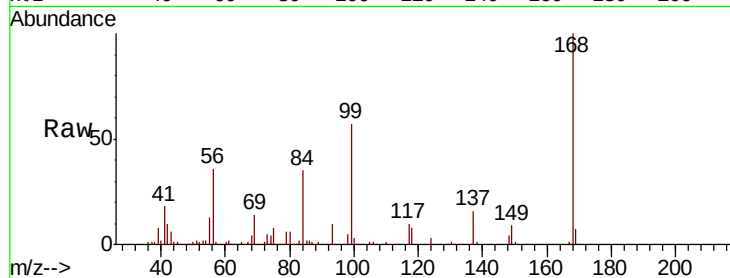
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.0	67.6

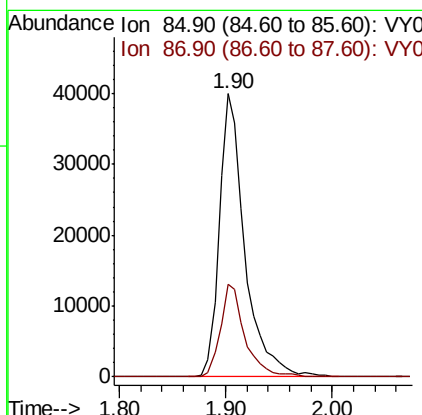
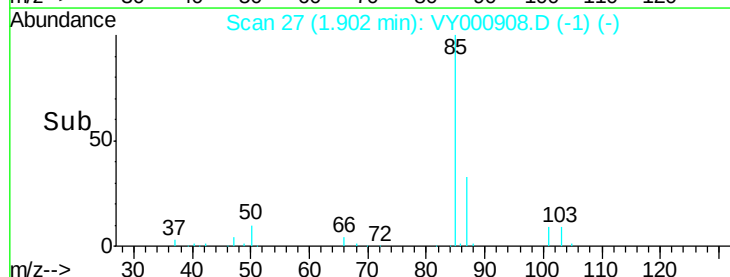
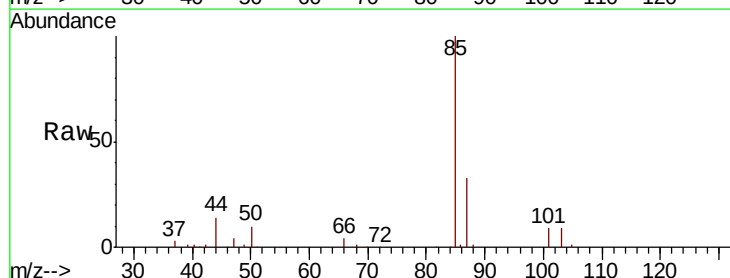
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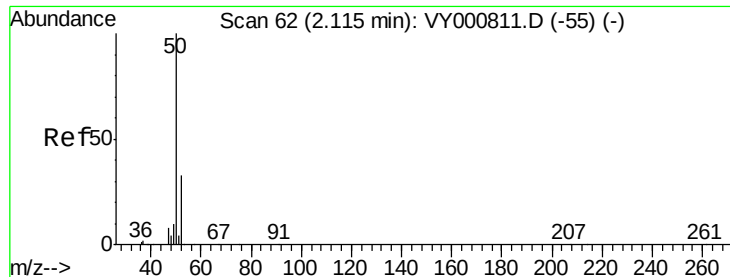
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#2
Dichlorodifluoromethane
Concen: 19.252 ug/l
RT: 1.90 min Scan# 27
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.8	50.3





#3

Chloromethane

Concen: 19.467 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 50 Resp: 82591

Ion Ratio Lower Upper

50 100

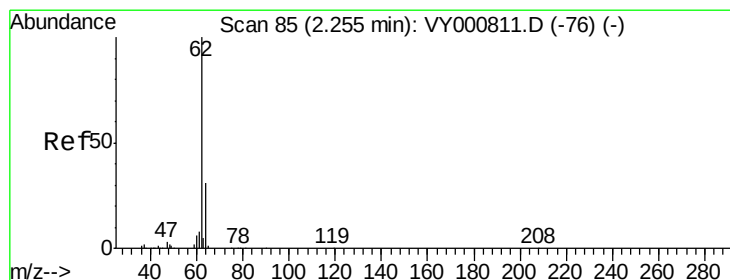
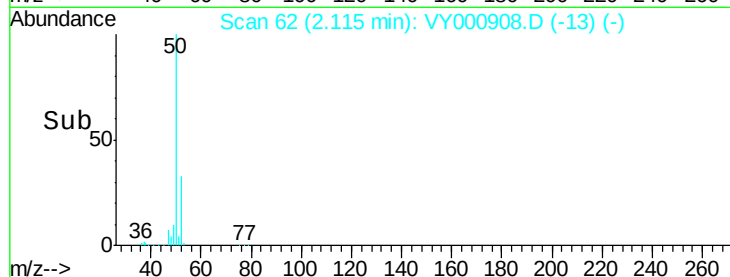
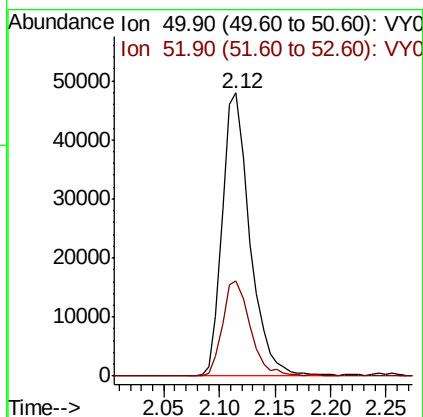
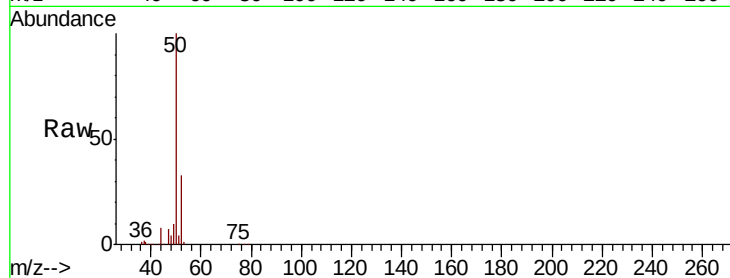
52 33.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.096 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000908.D

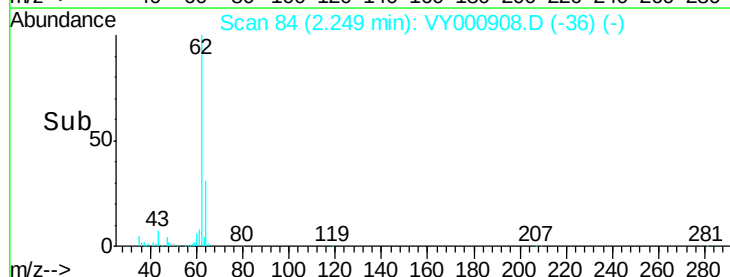
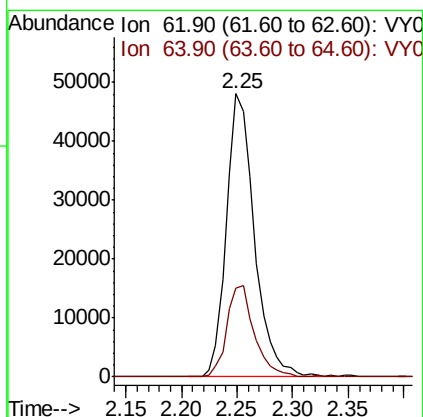
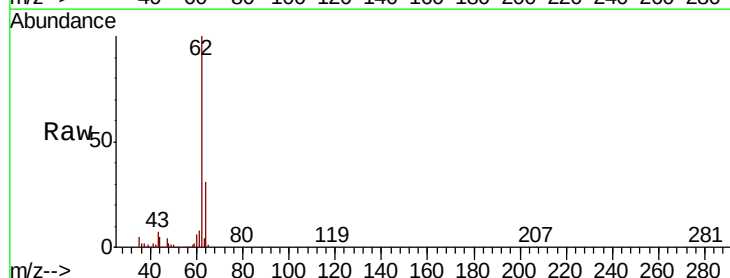
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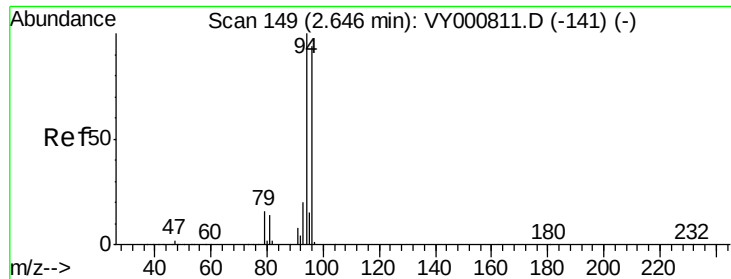
Tgt Ion: 62 Resp: 84026

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 18.865 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 94 Resp: 51395

Ion Ratio Lower Upper

94 100

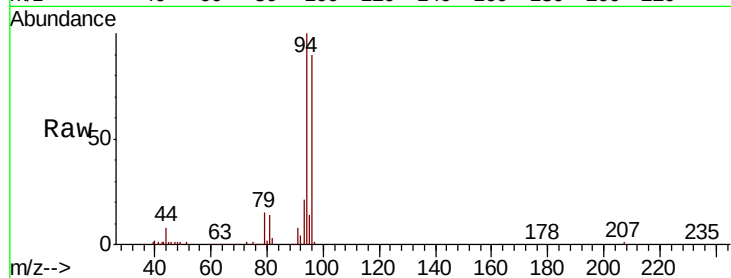
96 90.3 75.2 112.8

Manual Integrations

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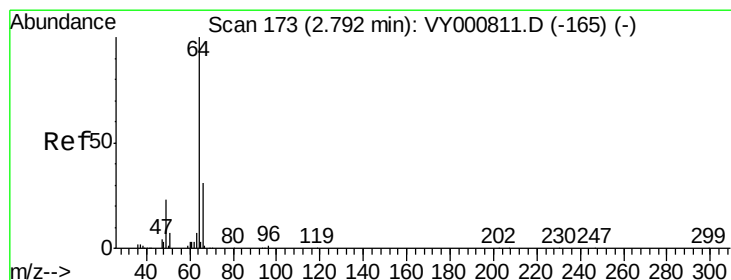
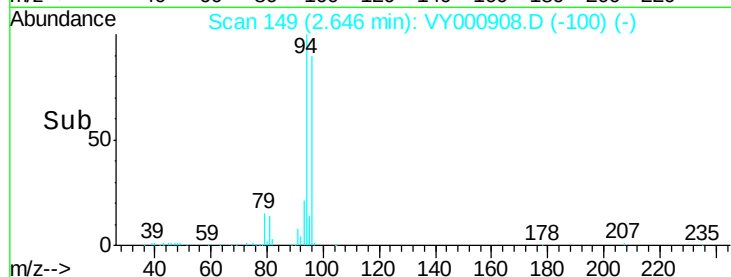
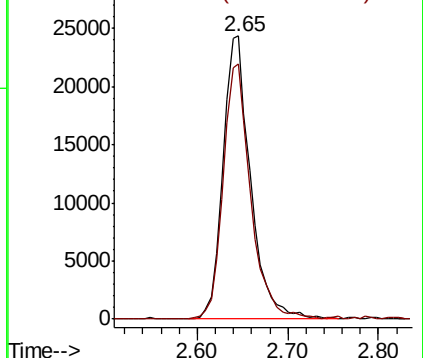
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.820 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000908.D

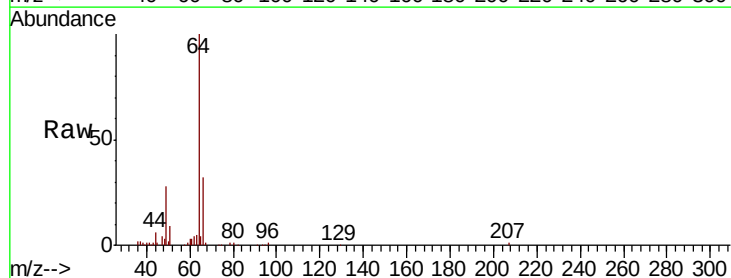
Acq: 09 Dec 2019 12:09

Tgt Ion: 64 Resp: 50811

Ion Ratio Lower Upper

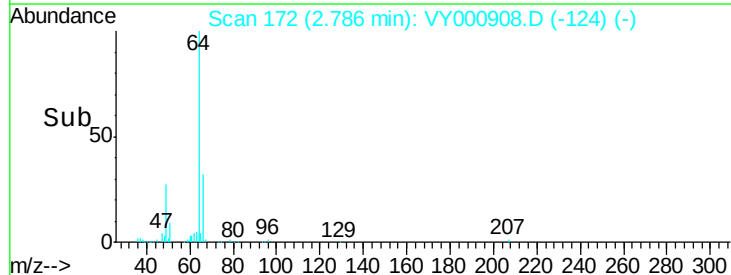
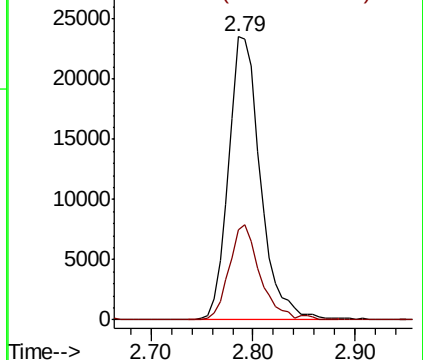
64 100

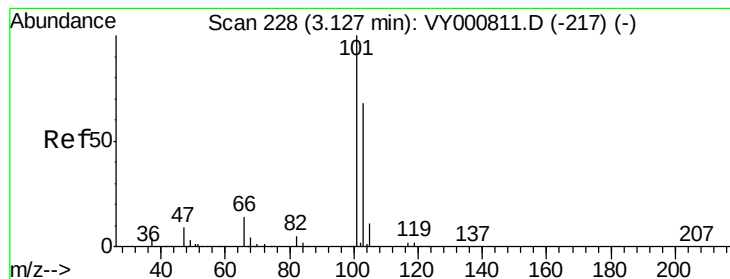
66 31.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

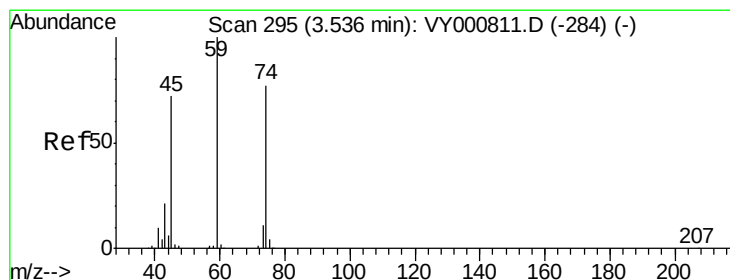
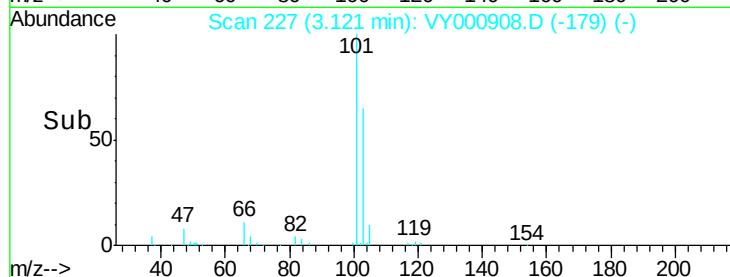
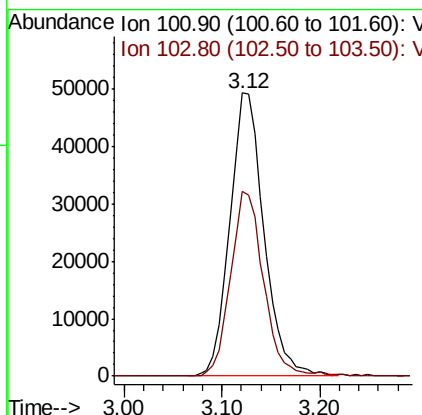
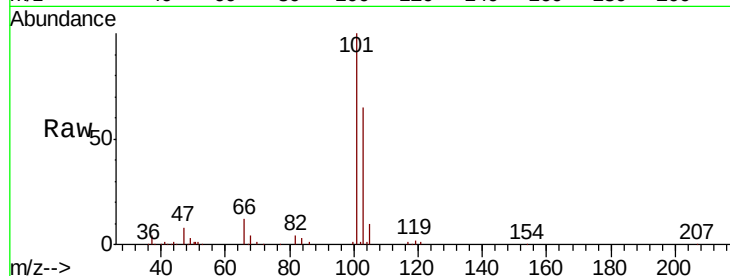
Trichlorofluoromethane
 Concen: 20.896 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	54.2	81.2

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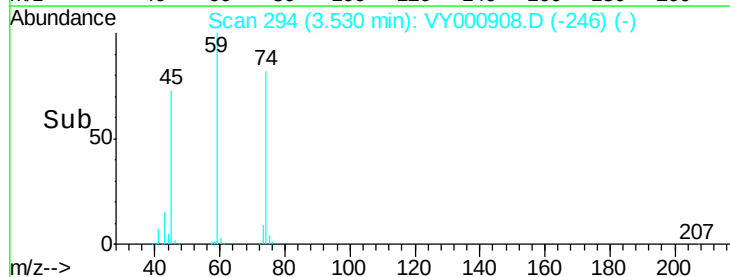
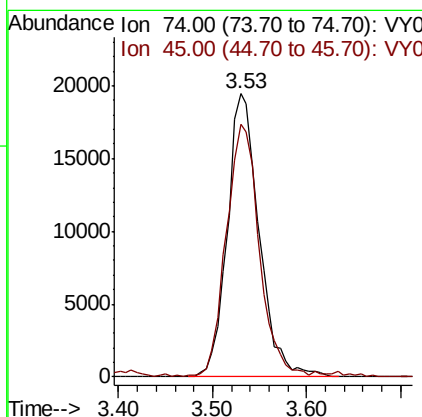
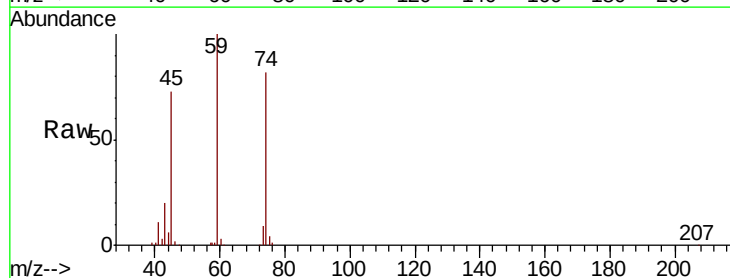
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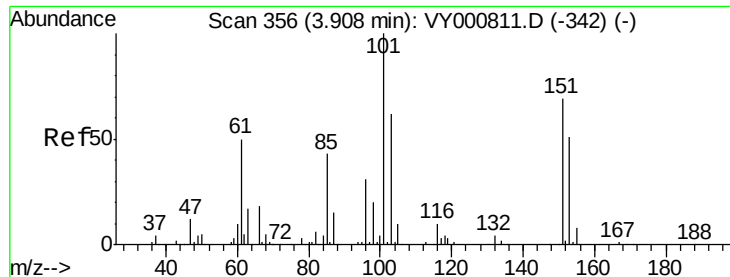


#8

Diethyl Ether
 Concen: 21.192 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.6	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.324 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:101 Resp: 75459

Ion Ratio Lower Upper

101 100

85 45.1 36.0 54.0

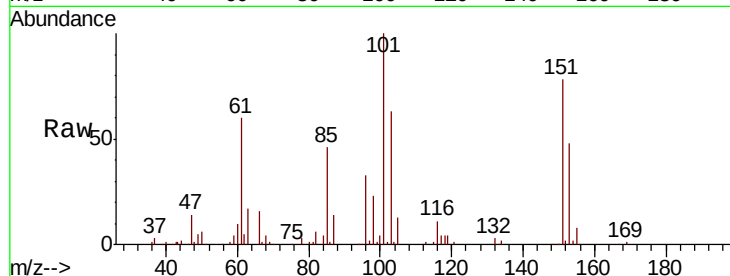
151 75.5 58.2 87.2

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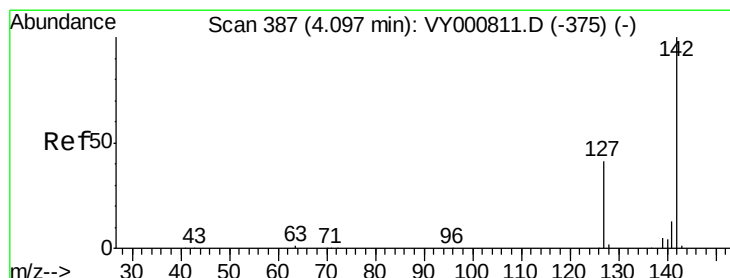
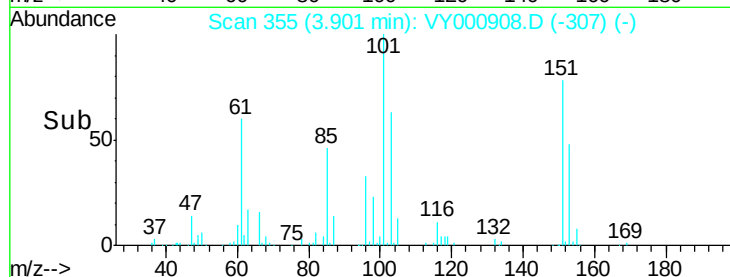
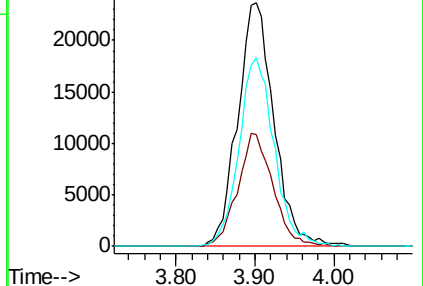
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.550 ug/l

RT: 4.10 min Scan# 387

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

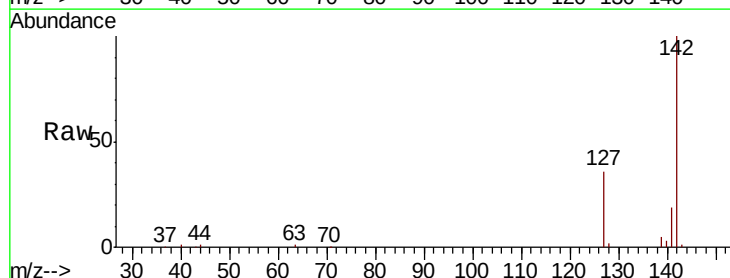
Tgt Ion:142 Resp: 91557

Ion Ratio Lower Upper

142 100

127 40.3 33.8 50.8

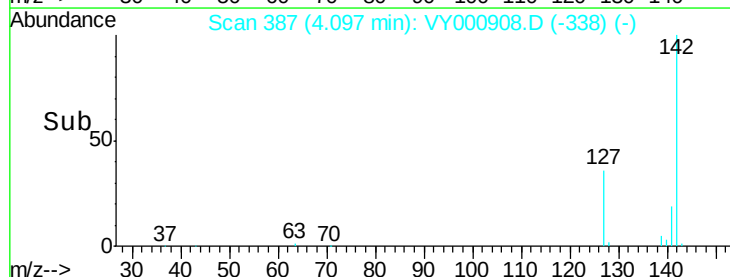
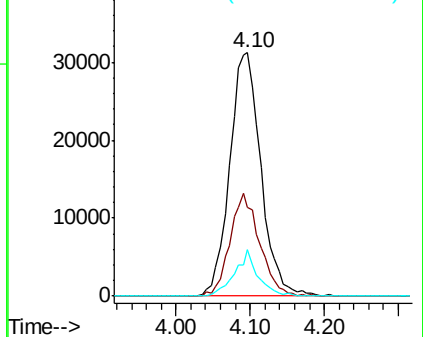
141 14.1 10.9 16.3

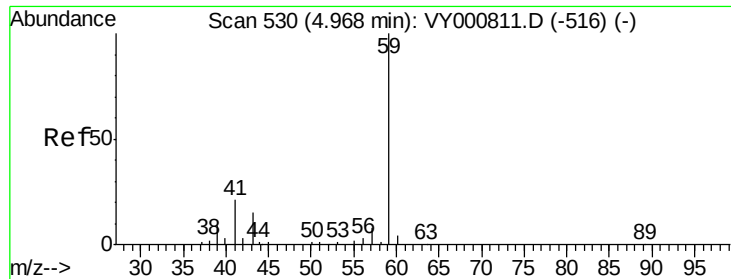


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

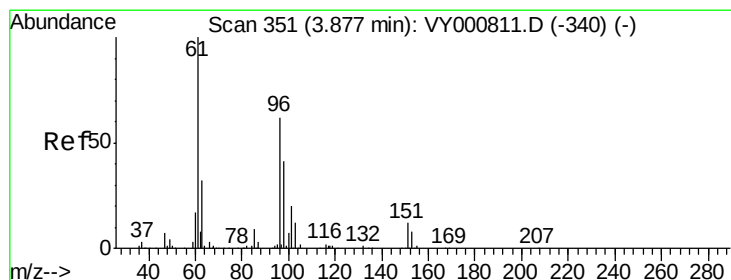
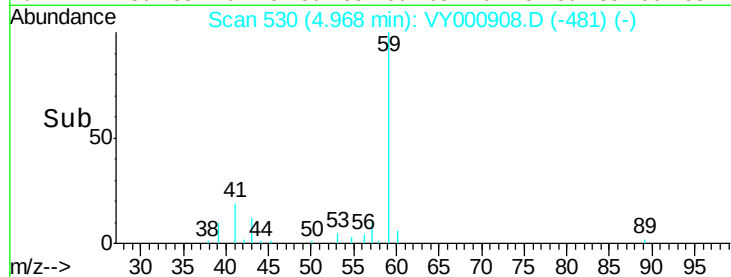
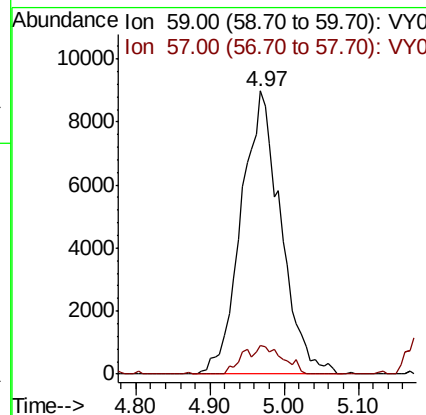
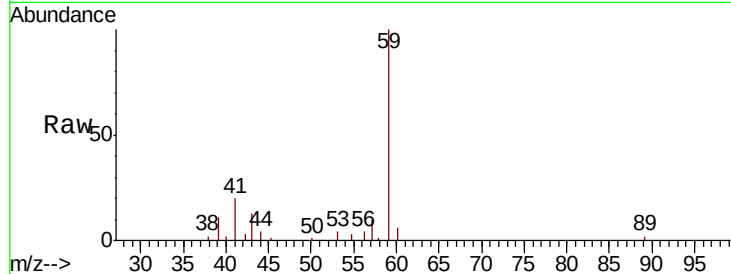
Tert butyl alcohol
 Concen: 97.814 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.9	7.8	11.6#

Manual Integrations
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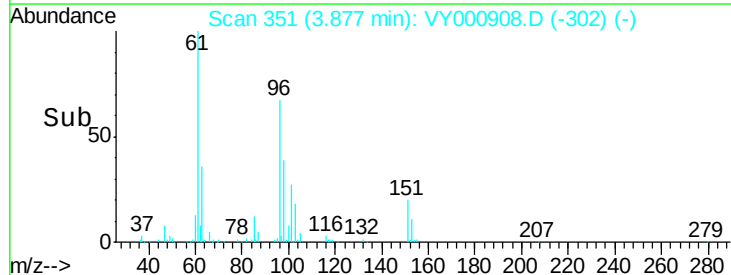
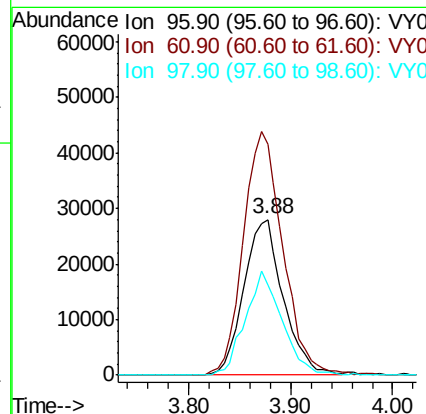
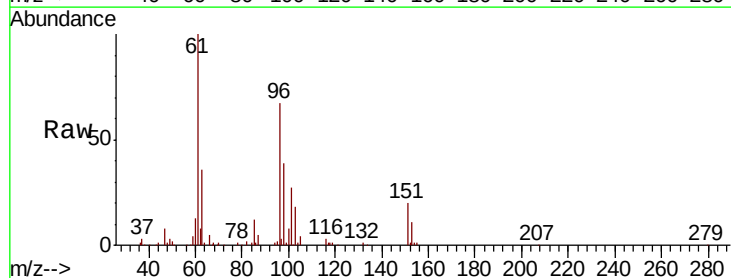
apatel
 12/10/2019 4:08:56 PM

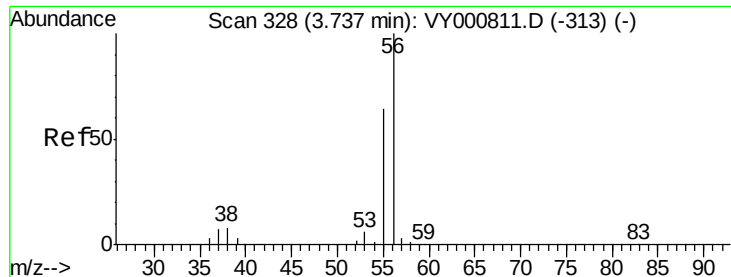


#12

1,1-Dichloroethene
 Concen: 21.357 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	129.4	194.2
98	58.0	53.4	80.0





#13

Acrolein

Concen: 103.663 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 56 Resp: 34903

Ion Ratio Lower Upper

56 100

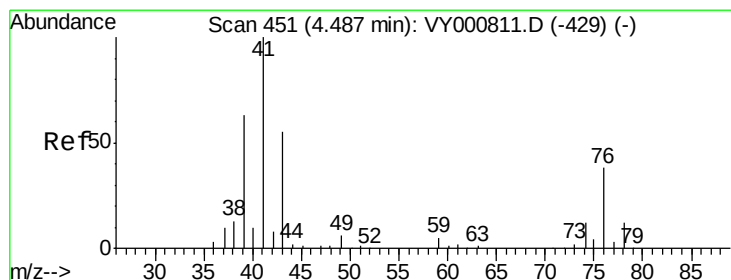
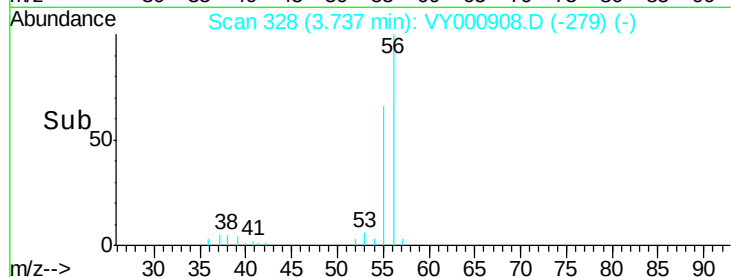
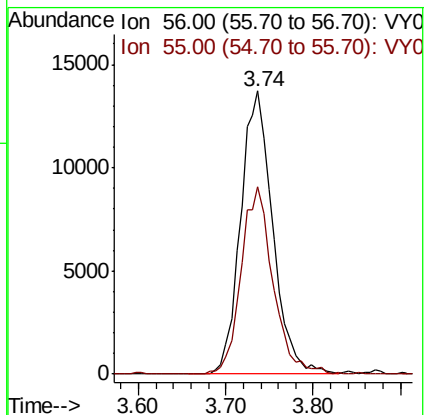
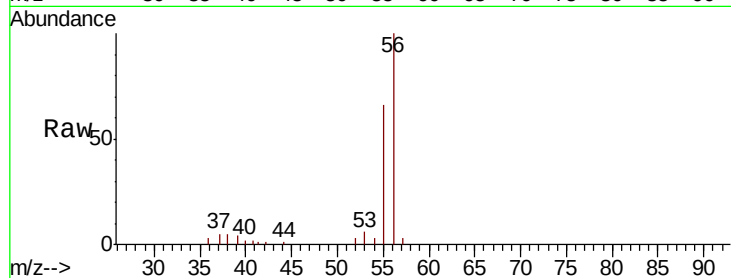
55 65.8 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 20.531 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

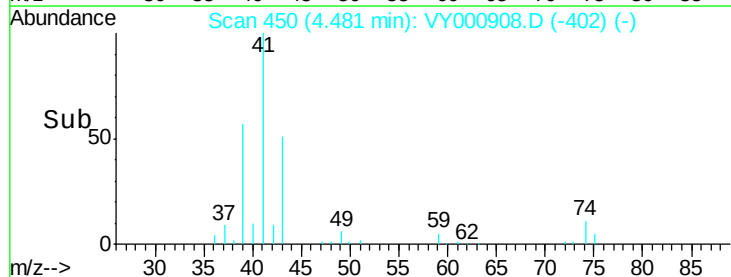
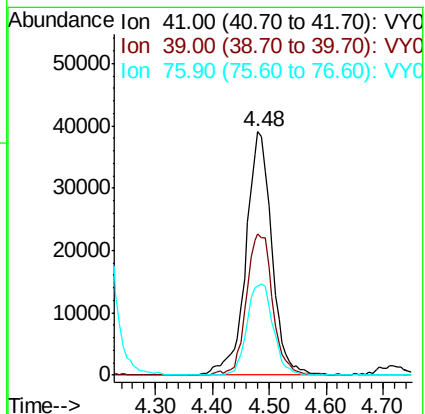
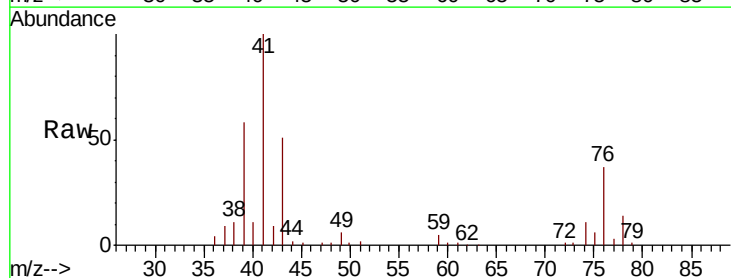
Tgt Ion: 41 Resp: 123412

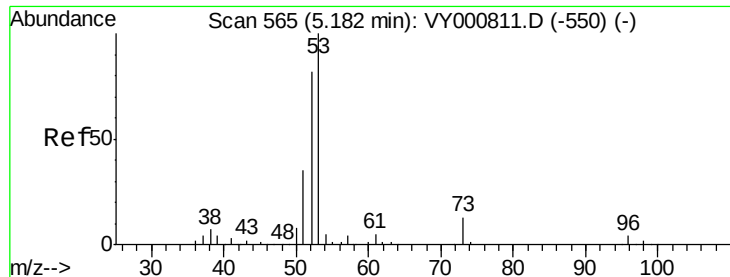
Ion Ratio Lower Upper

41 100

39 58.8 49.2 73.8

76 37.8 29.2 43.8





#15

Acrylonitrile

Concen: 101.053 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

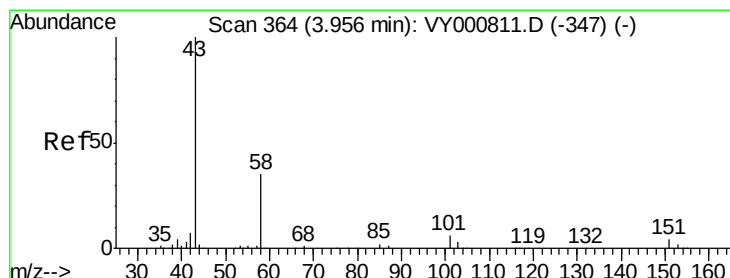
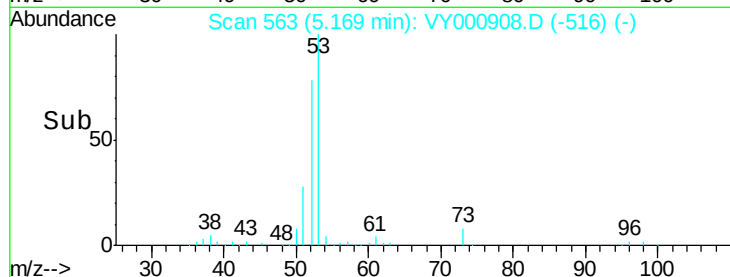
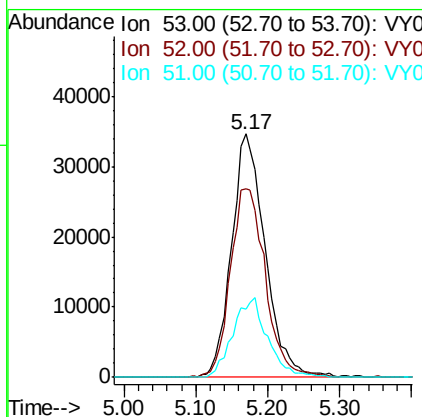
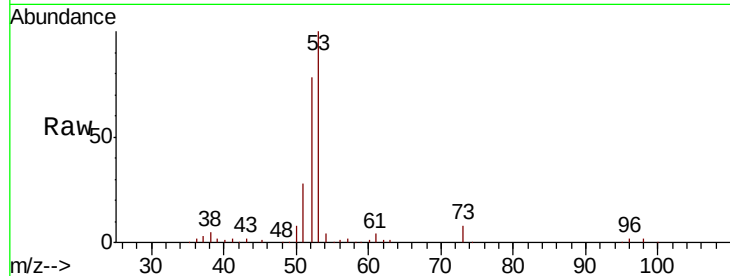
ClientSampleId :

VY1209SBS01

Tot Ion:	53	Resp:	112539
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.1	97.7
51	33.9	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 103.158 ug/l

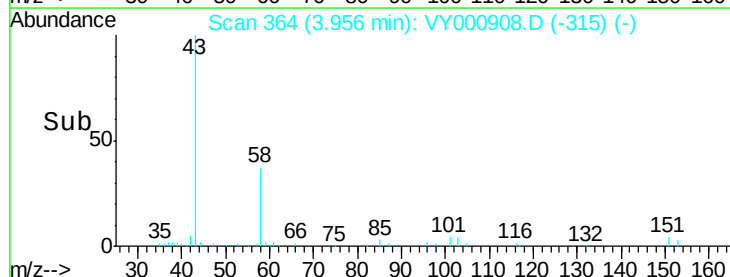
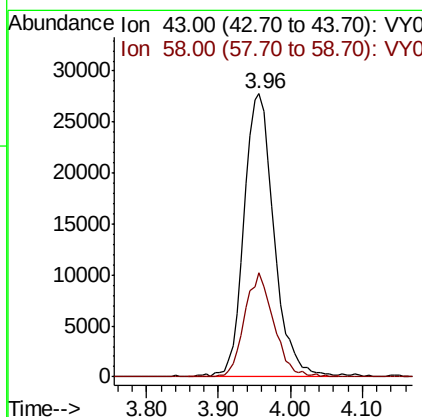
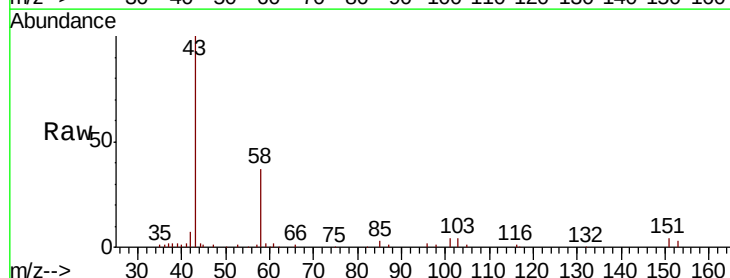
RT: 3.96 min Scan# 364

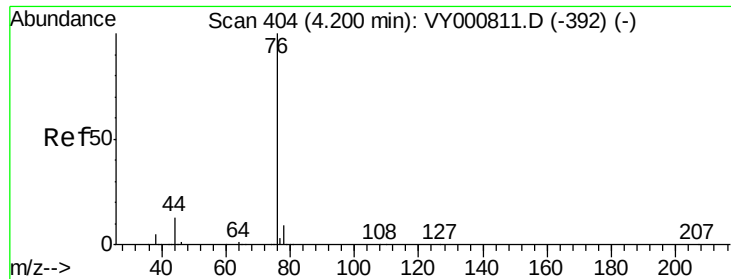
Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion:	43	Resp:	80396
Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.0	42.0





#17

Carbon Disulfide

Concen: 20.771 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 76 Resp: 235502

Ion Ratio Lower Upper

76 100

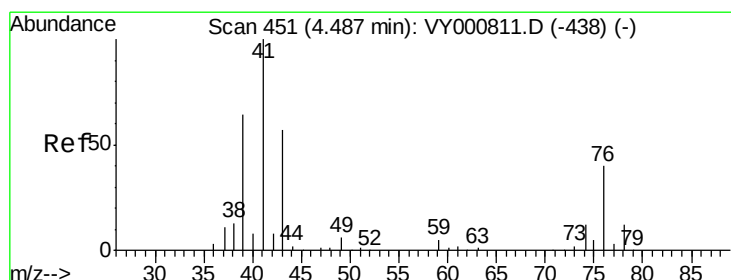
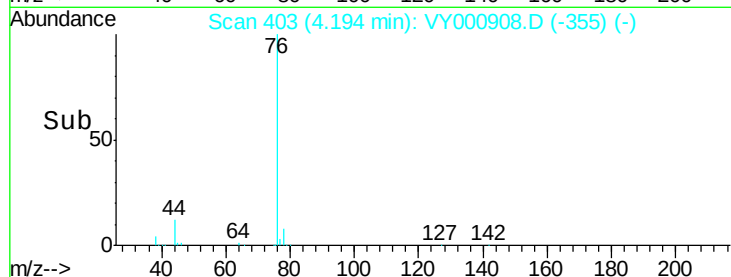
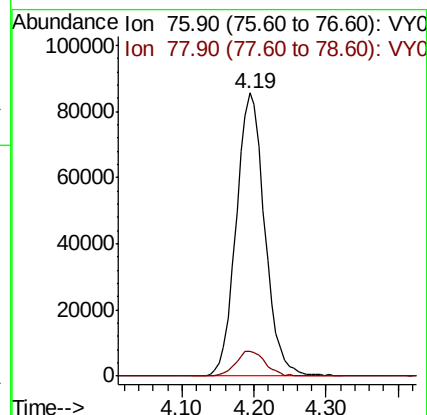
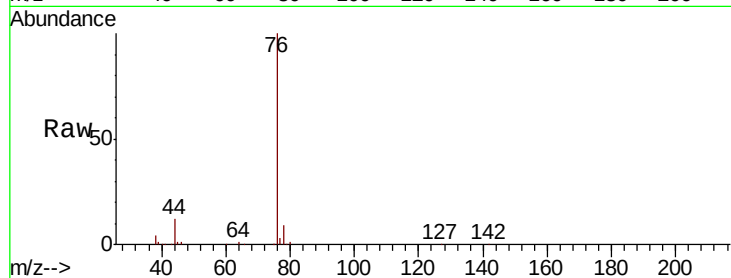
78 8.8 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 18.820 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000908.D

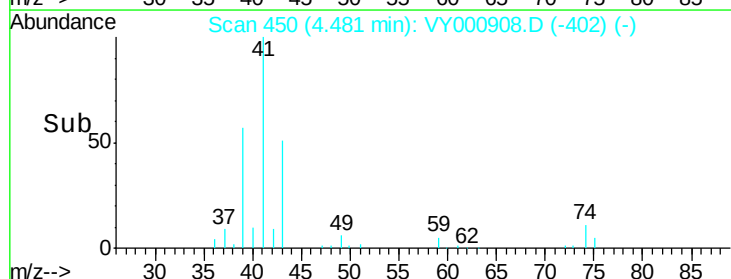
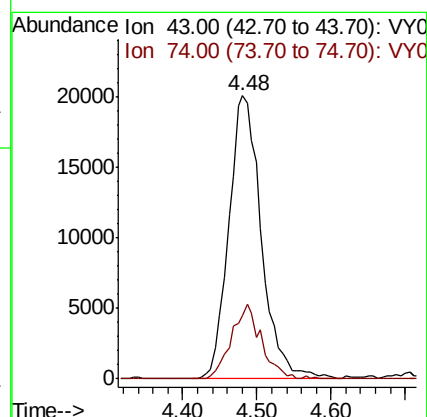
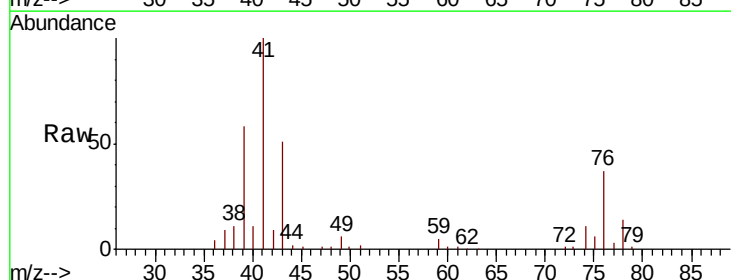
Acq: 09 Dec 2019 12:09

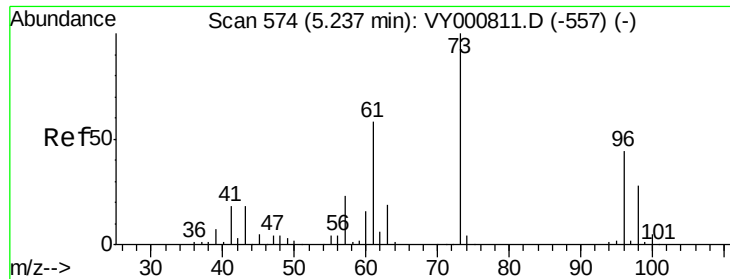
Tgt Ion: 43 Resp: 61329

Ion Ratio Lower Upper

43 100

74 23.9 18.5 27.7





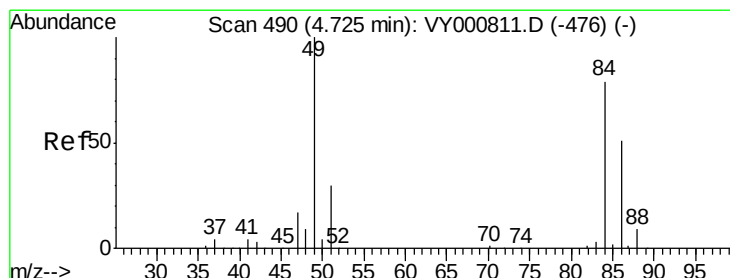
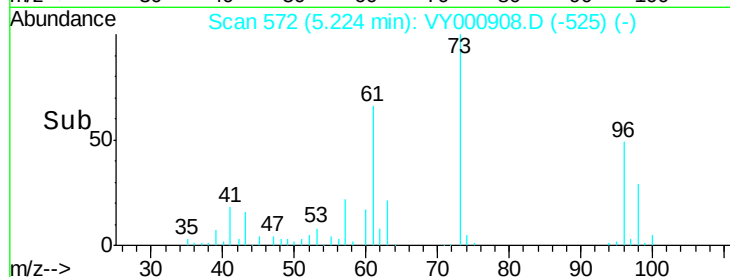
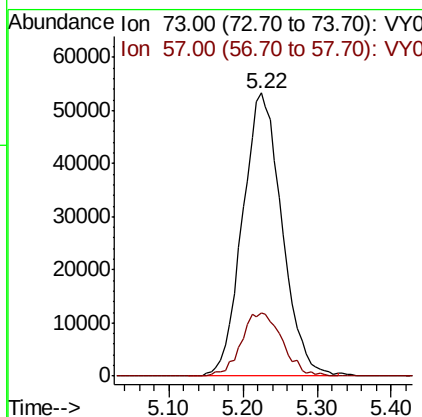
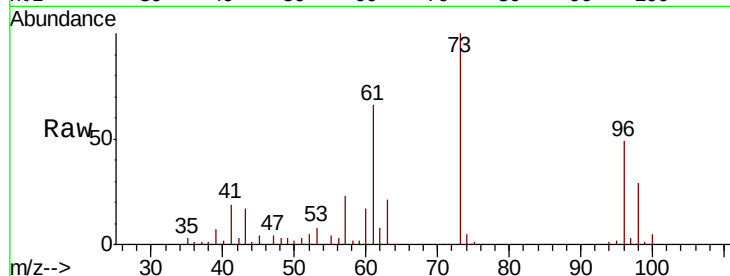
#19
Methyl tert-butyl Ether
Concen: 21.105 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 73 Resp: 197594
Ion Ratio Lower Upper
73 100
57 22.5 18.2 27.4

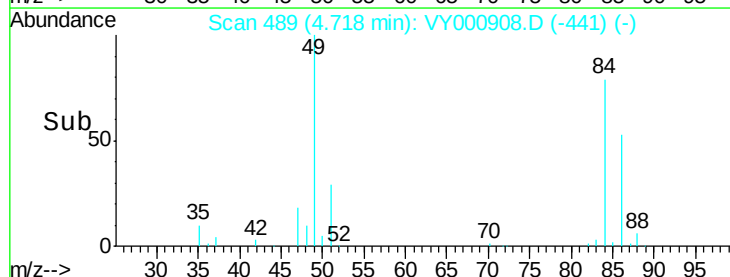
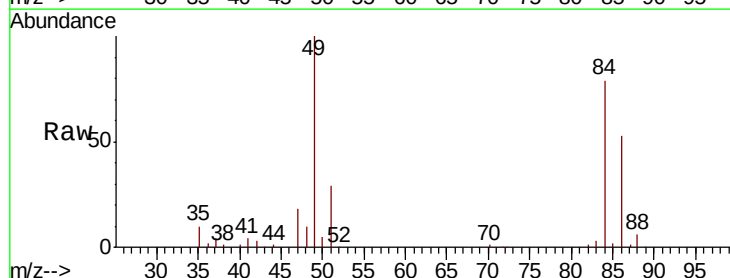
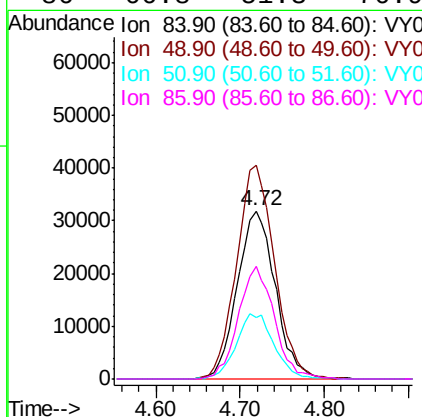
Manual Integrations
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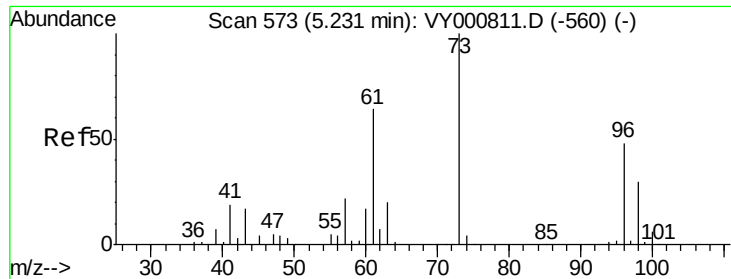
apatel
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#20
Methylene Chloride
Concen: 23.731 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion: 84 Resp: 97488
Ion Ratio Lower Upper
84 100
49 126.9 101.3 151.9
51 36.6 30.6 45.8
86 66.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.619 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 96 Resp: 82158

Ion Ratio Lower Upper

96 100

61 135.7 105.9 158.9

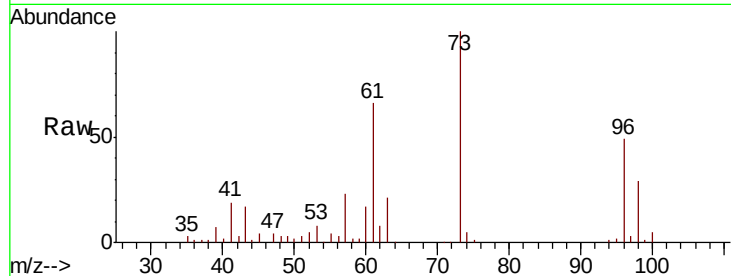
98 60.7 49.4 74.2

Manual Integrations

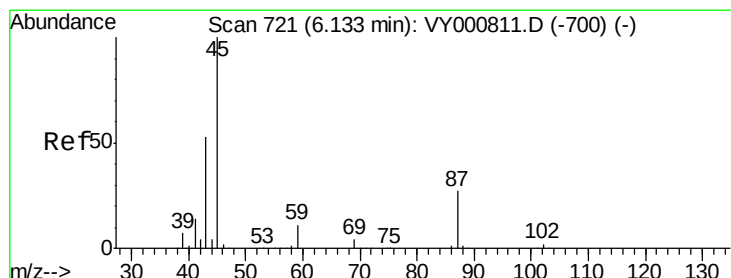
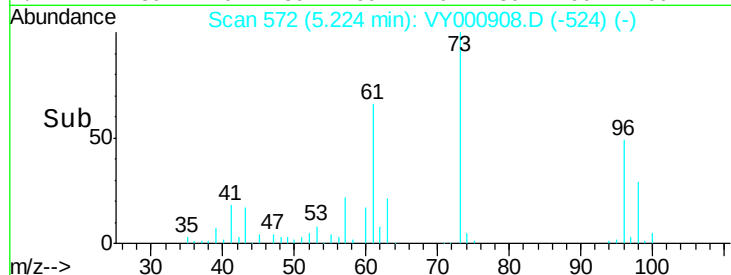
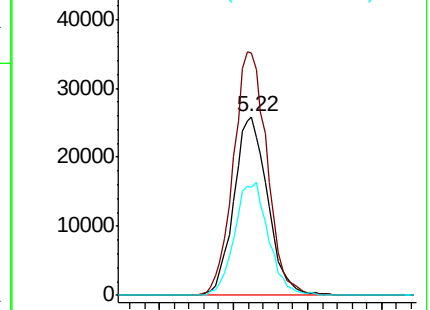
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Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.835 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion: 45 Resp: 257407

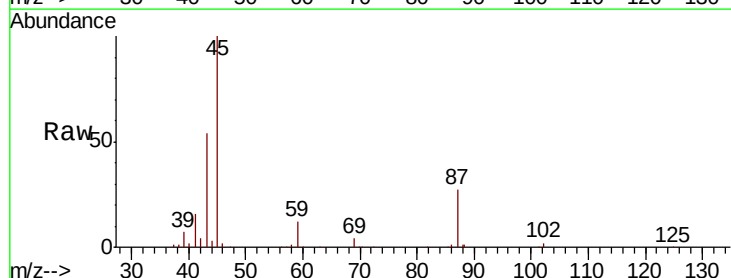
Ion Ratio Lower Upper

45 100

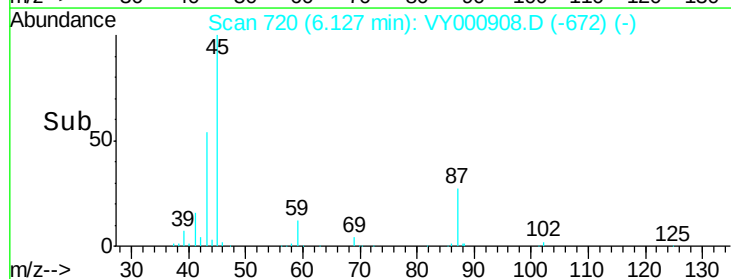
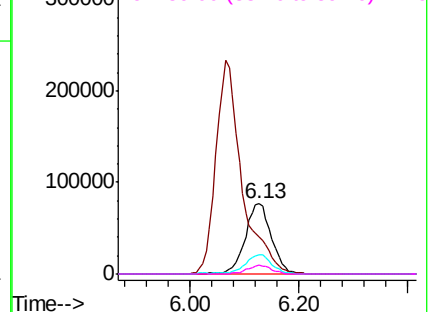
43 53.3 42.7 64.1

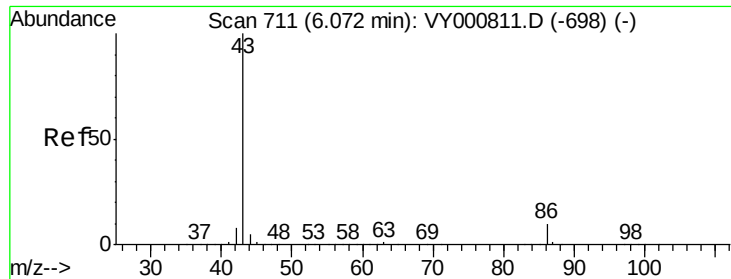
87 26.8 22.0 33.0

59 12.5 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: 102.951 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 43 Resp: 773229

Ion Ratio Lower Upper

43 100

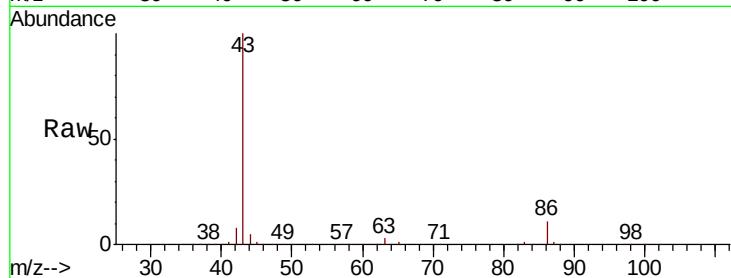
86 10.6 8.3 12.5

Manual Integrations

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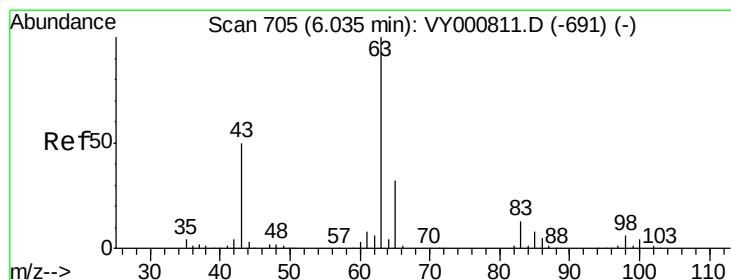
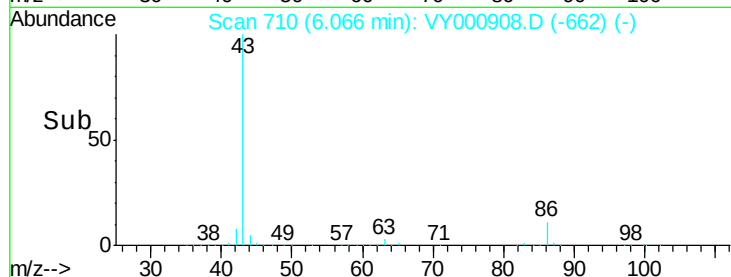
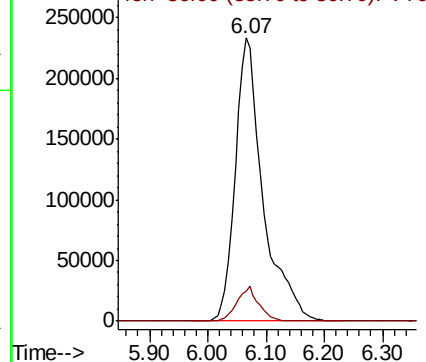
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.706 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

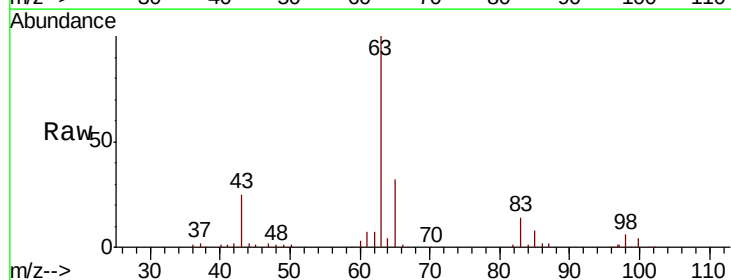
Tgt Ion: 63 Resp: 140992

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

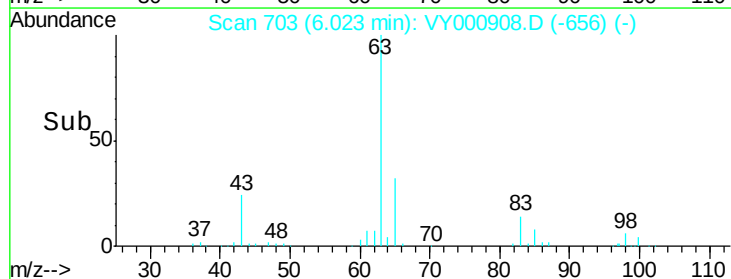
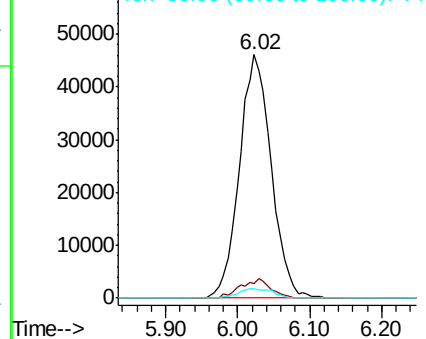
100 3.6 2.2 6.6

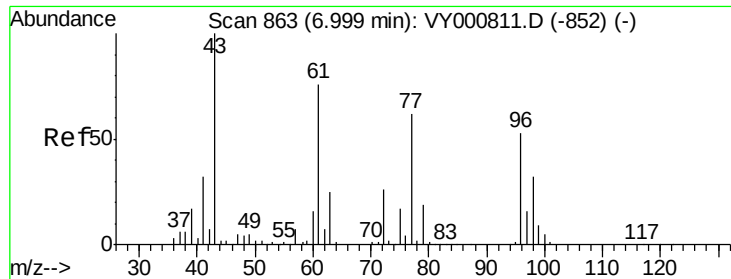


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





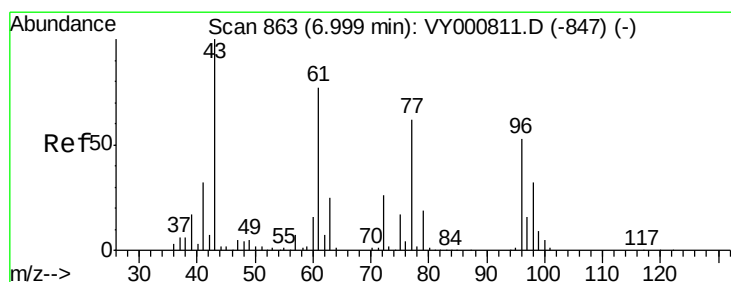
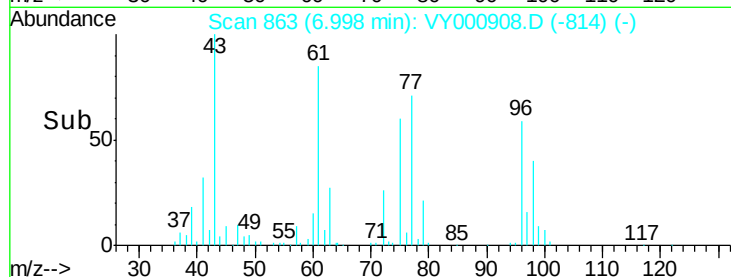
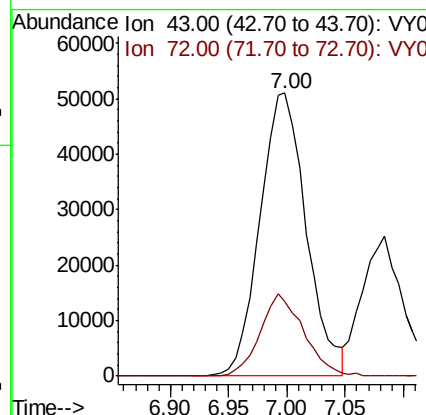
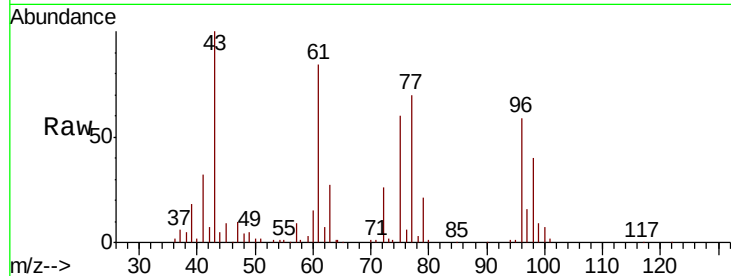
#25
2-Butanone
Concen: 97.763 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 43 Resp: 140746
Ion Ratio Lower Upper
43 100
72 26.3 21.0 31.4

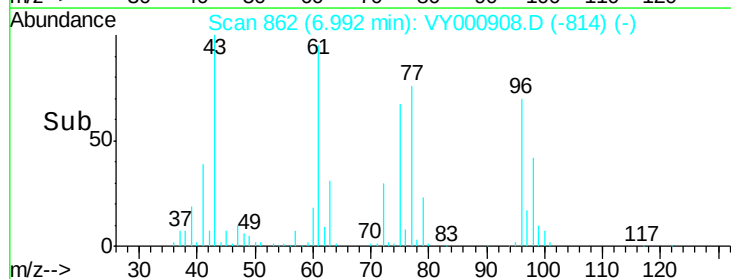
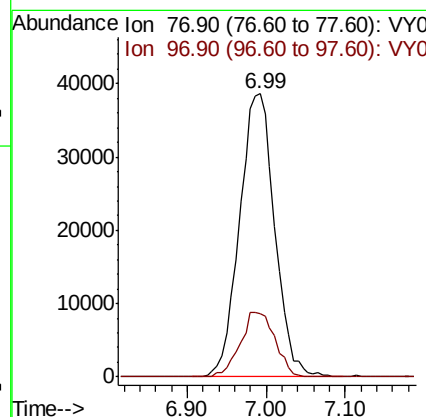
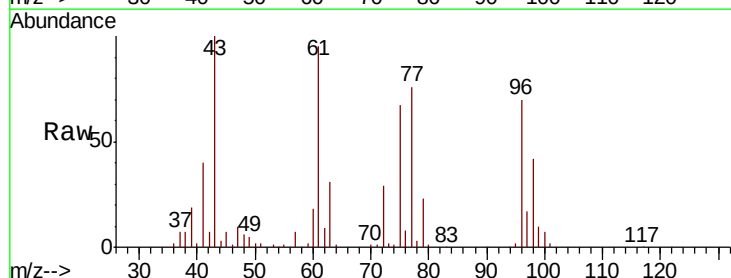
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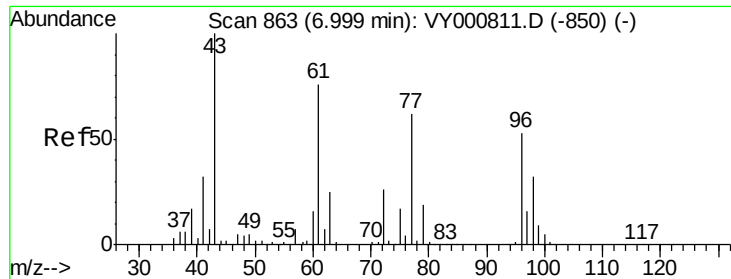
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#26
2,2-Dichloropropane
Concen: 20.895 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion: 77 Resp: 119746
Ion Ratio Lower Upper
77 100
97 22.7 11.9 35.9





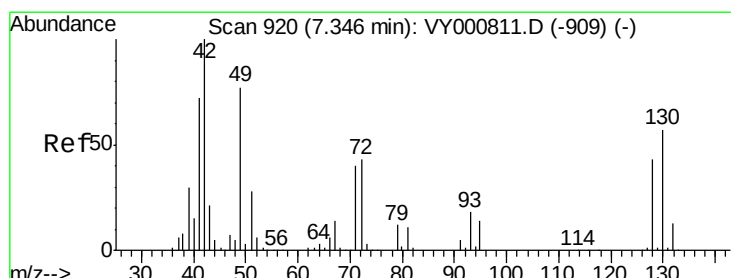
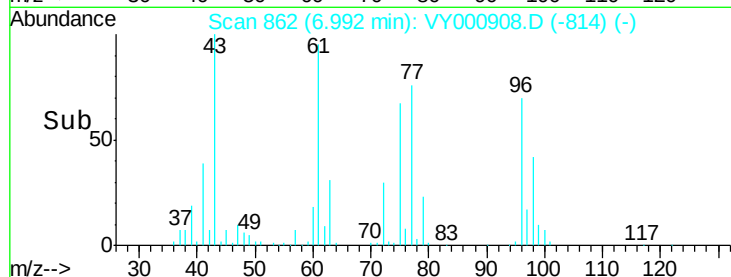
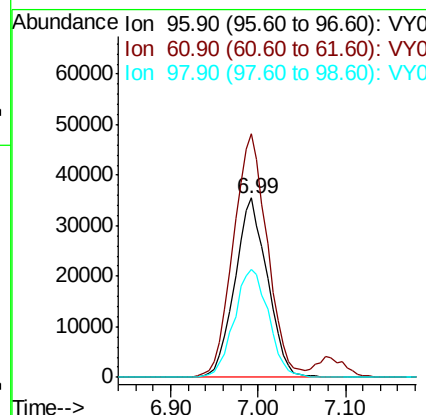
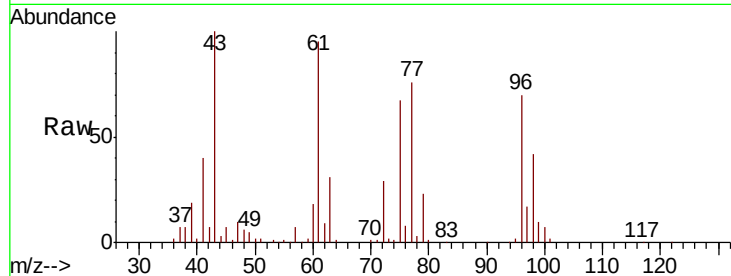
#27
 cis-1,2-Dichloroethene
 Concen: 21.326 ug/l
 RT: 6.99 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	285.0
98	63.8	0.0	128.0

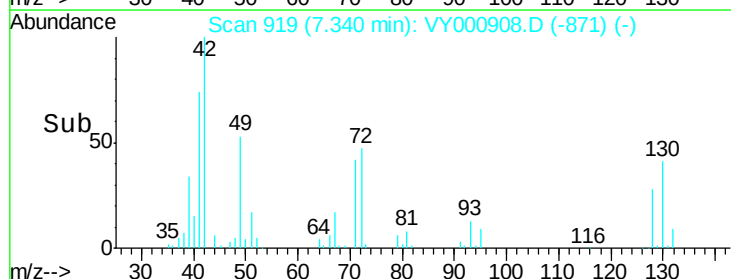
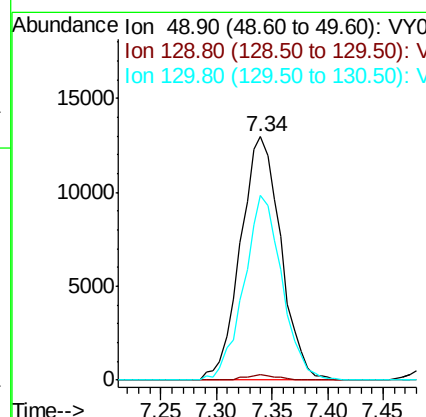
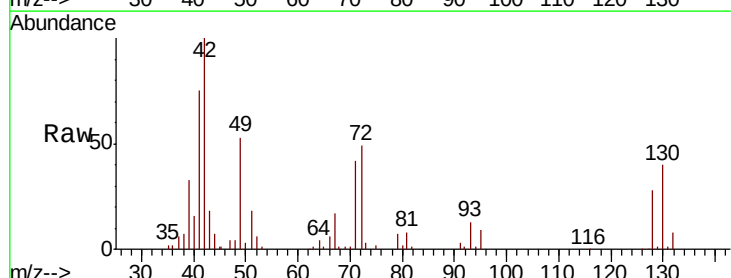
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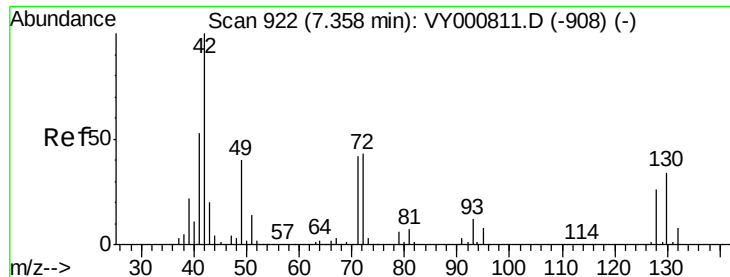
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#28
 Bromochloromethane
 Concen: 14.576 ug/l
 RT: 7.34 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	71.7	58.7	88.1





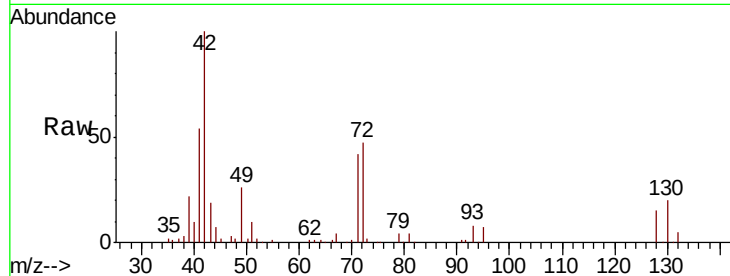
#29
Tetrahydrofuran
Concen: 100.022 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

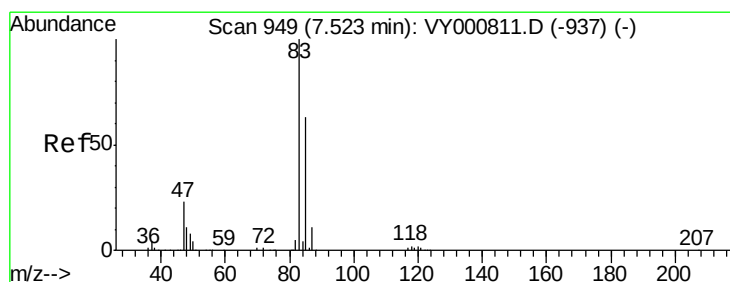
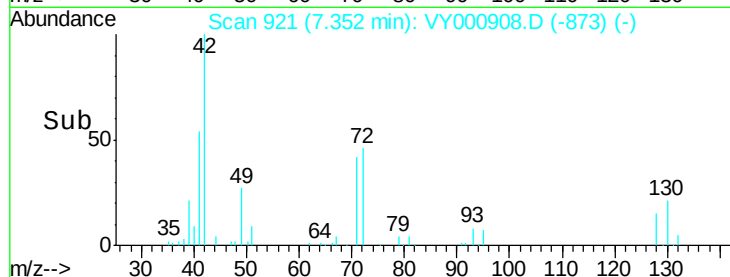
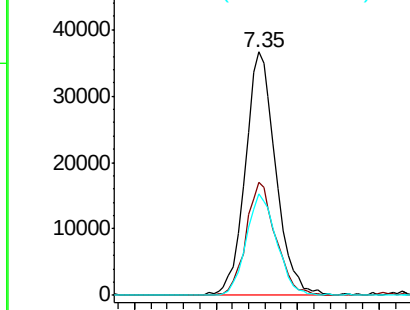
Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	35.1	52.7
71	41.3	32.8	49.2

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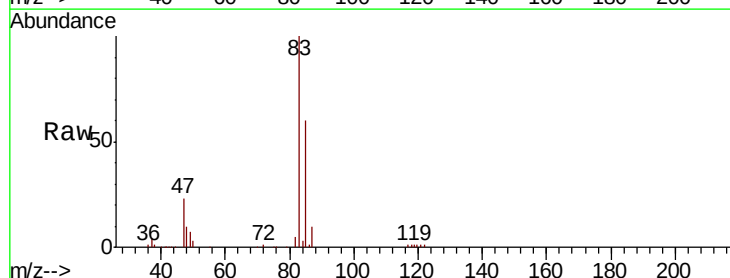


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

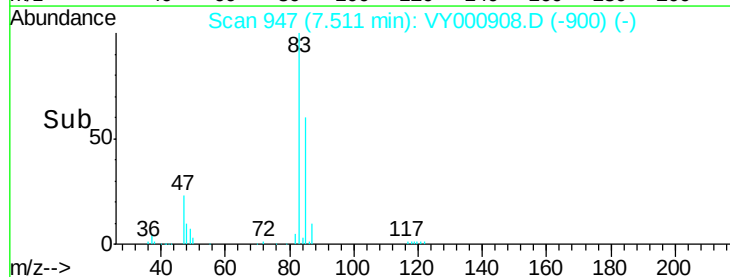
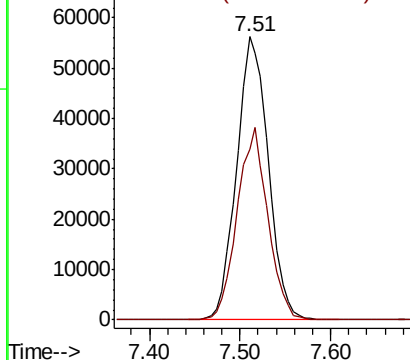


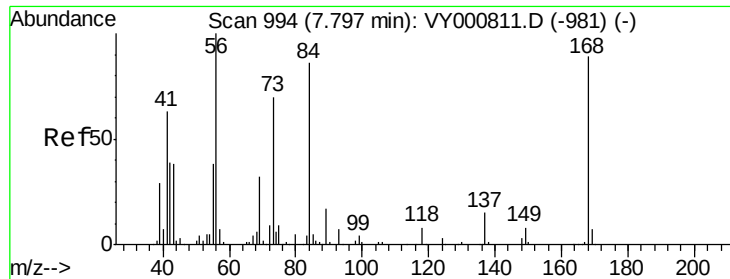
#30
Chloroform
Concen: 19.864 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	50.4	75.6



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0





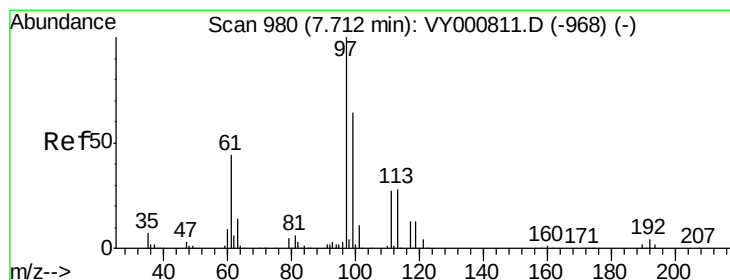
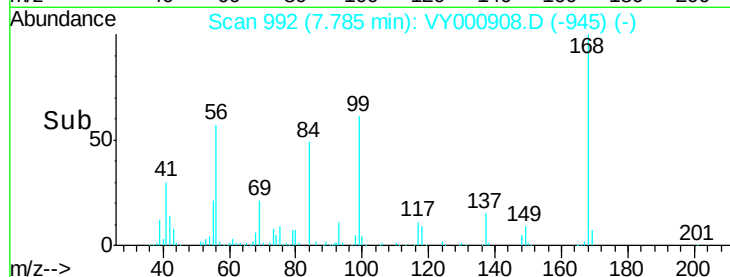
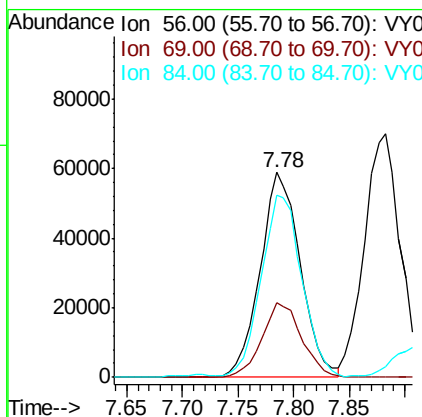
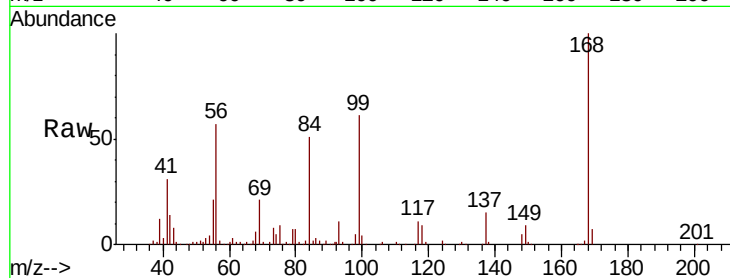
#31
Cyclohexane
Concen: 20.496 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.6	25.9	38.9
84	88.0	68.6	102.8

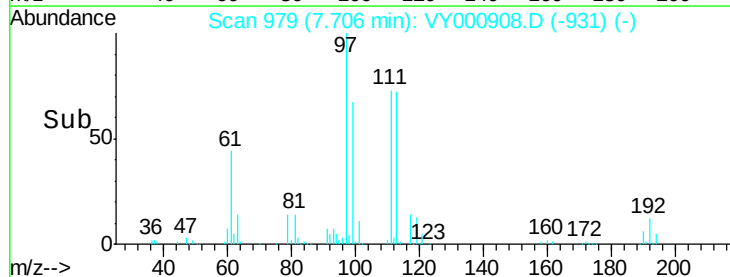
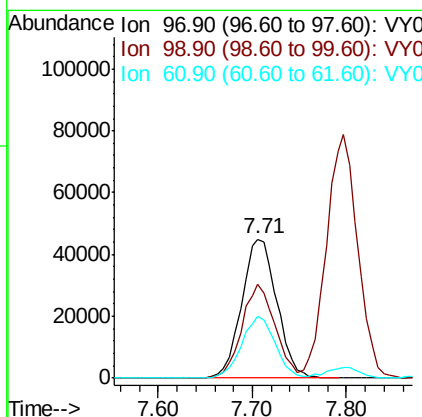
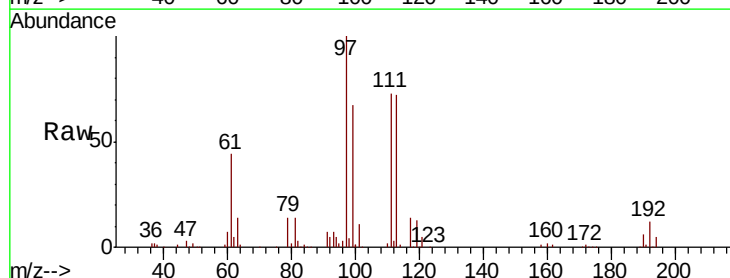
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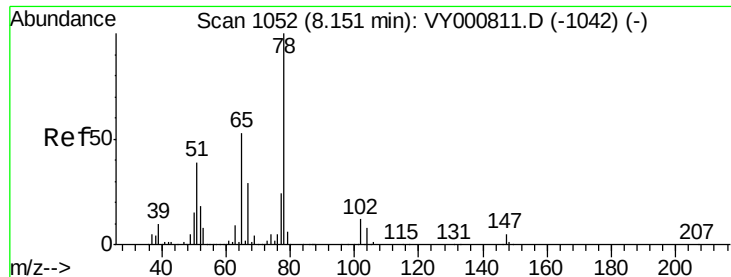
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#32
1,1,1-Trichloroethane
Concen: 20.747 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.7	77.5
61	42.7	35.0	52.6





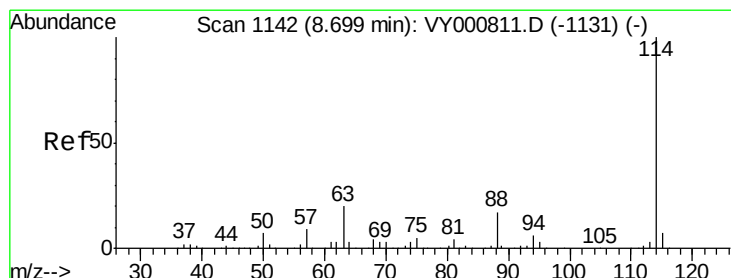
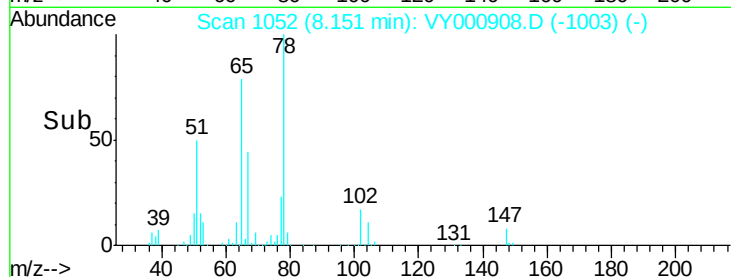
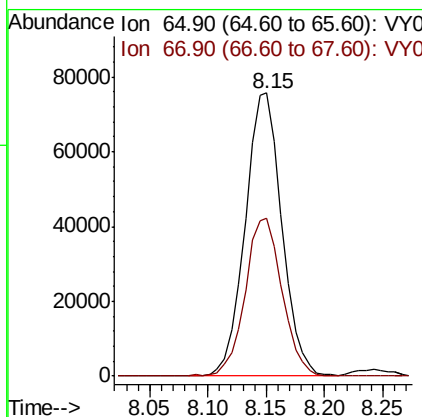
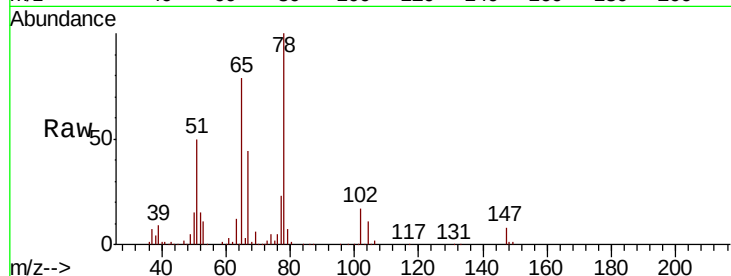
#33
 1,2-Dichloroethane-d4
 Concen: 48.819 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	165854		
67	56.1	0.0	112.0	

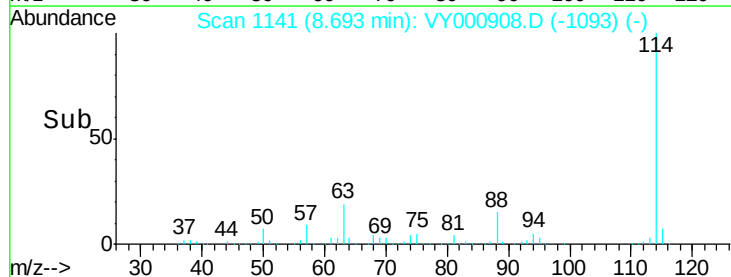
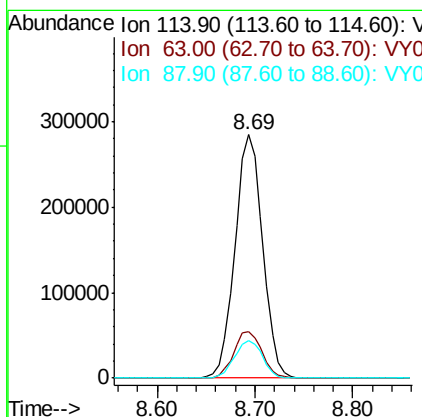
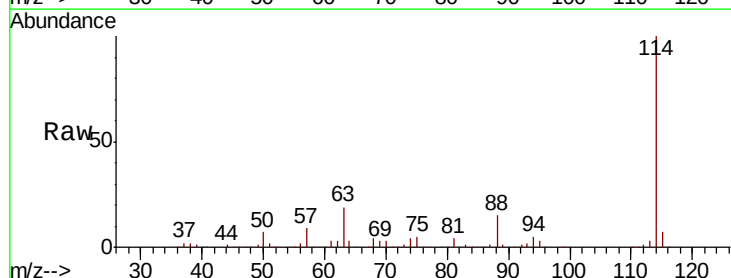
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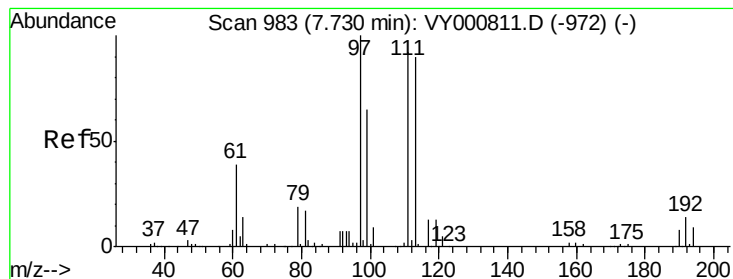
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	556844		
63	19.1	0.0	39.8	
88	15.3	0.0	33.2	





#35

Dibromofluoromethane

Concen: 49.571 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

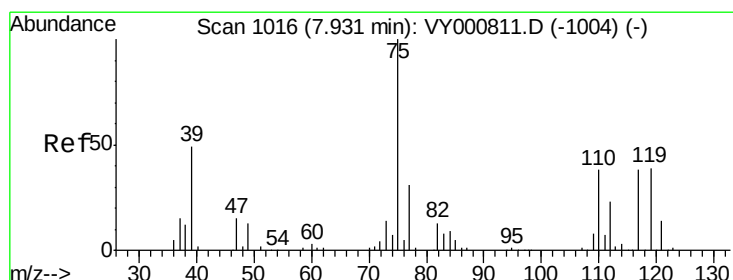
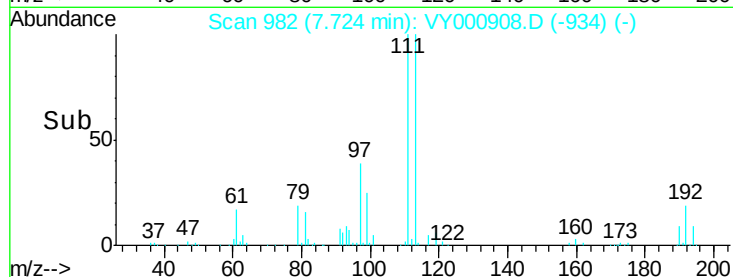
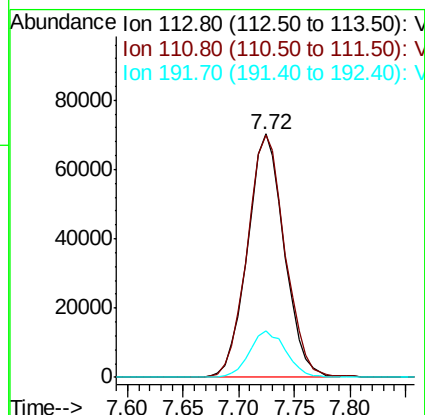
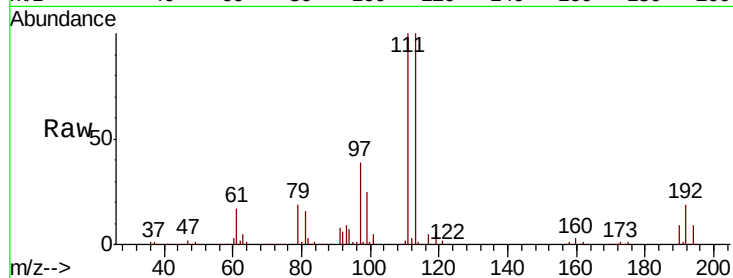
ClientSampleId :

VY1209SBS01

Tot Ion:	113	Resp:	160873
Ion Ratio	Lower	Upper	
113	100		
111	102.6	82.4	123.6
192	19.1	14.2	21.2

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#36

1,1-Dichloropropene

Concen: 20.615 ug/l

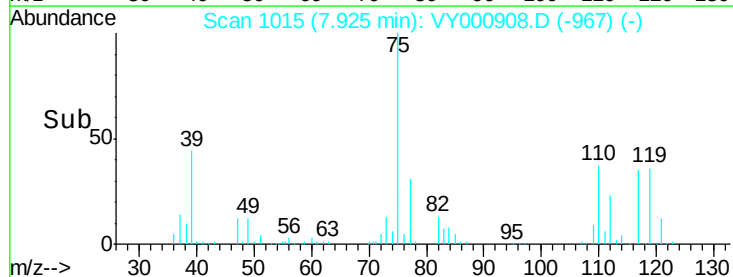
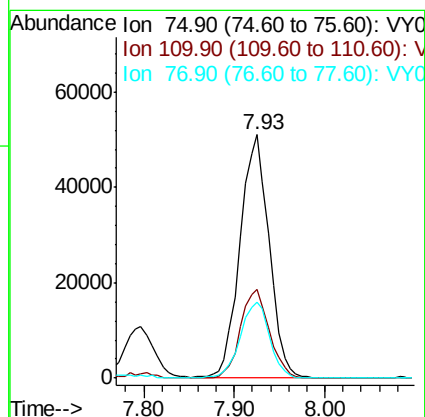
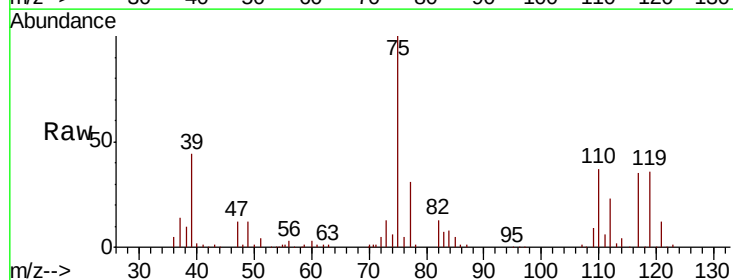
RT: 7.93 min Scan# 1015

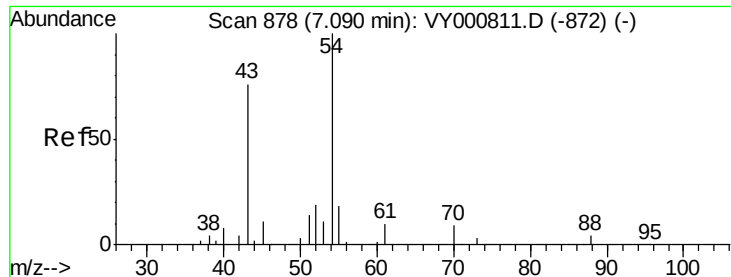
Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion:	75	Resp:	114138
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.9	53.7
77	31.4	24.7	37.1





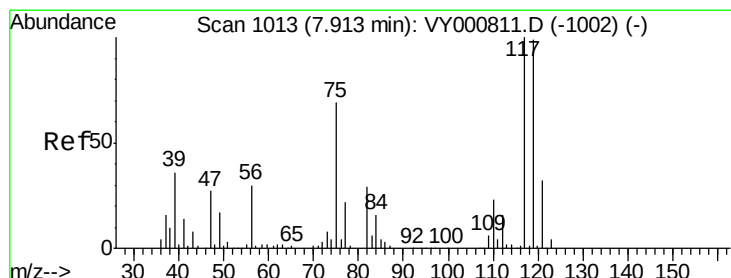
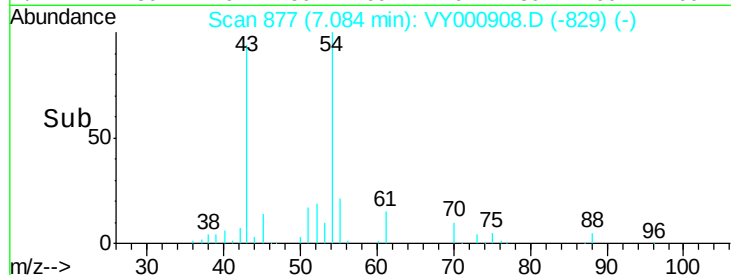
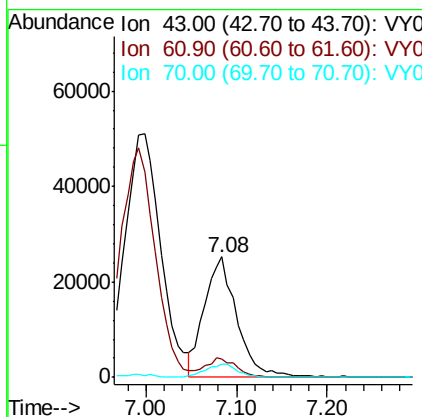
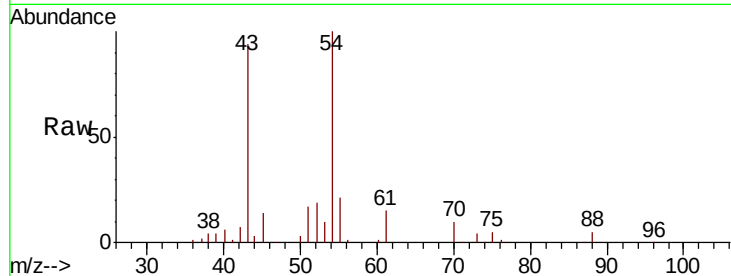
#37
Ethyl Acetate
Concen: 19.770 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.8	17.8
70	10.8	8.7	13.1

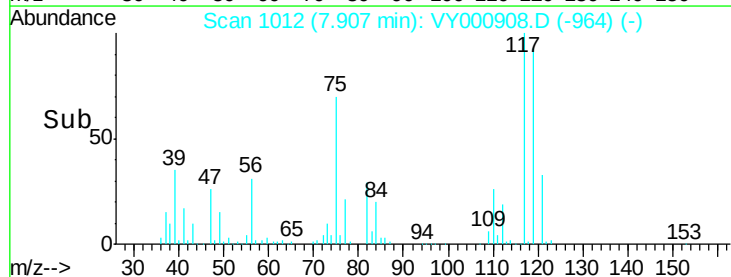
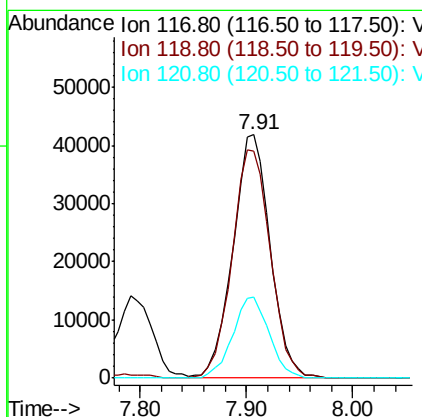
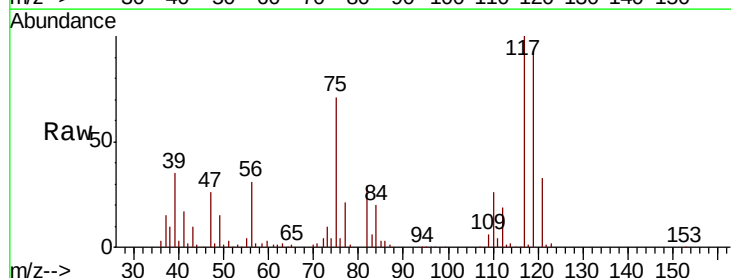
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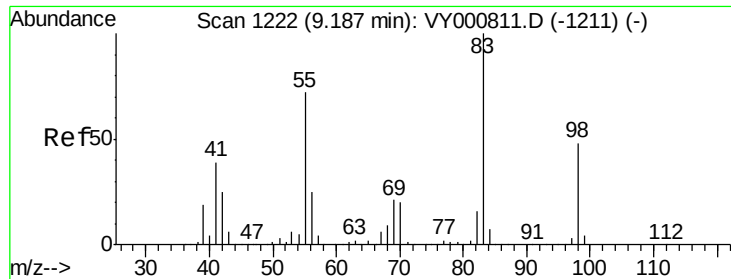
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#38
Carbon Tetrachloride
Concen: 20.851 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.3	118.9
121	33.1	25.5	38.3





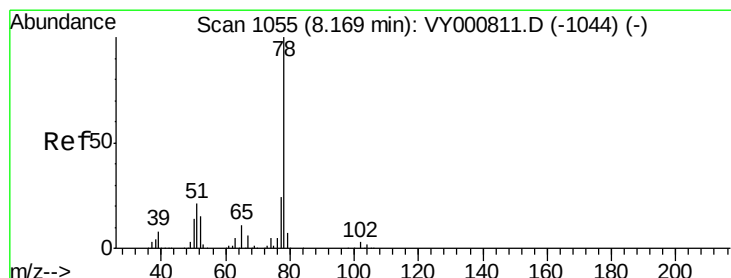
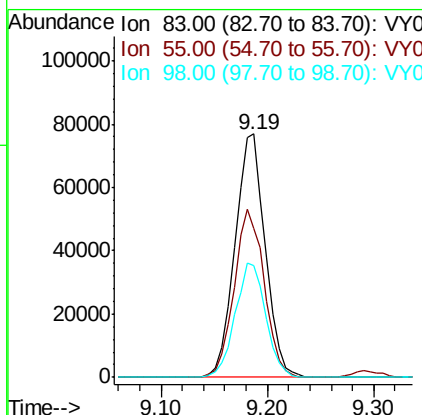
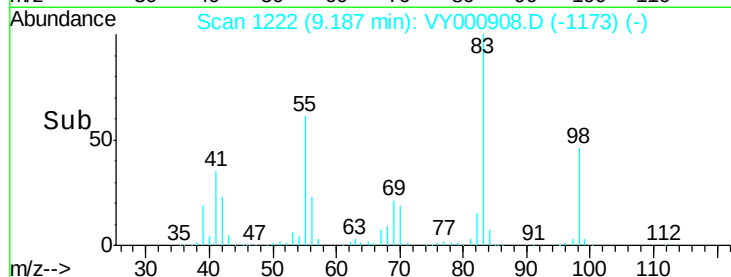
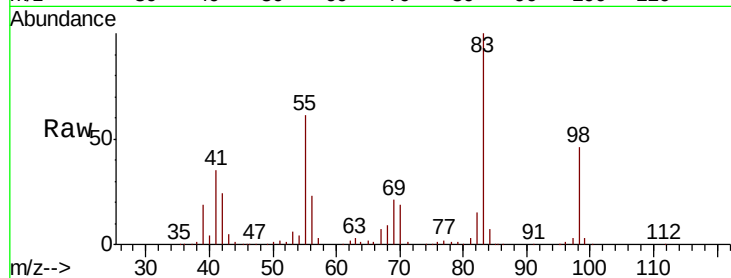
#39
Methylvlcyclohexane
Concen: 20.865 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	61.4	57.8	86.6
98	45.9	38.6	58.0

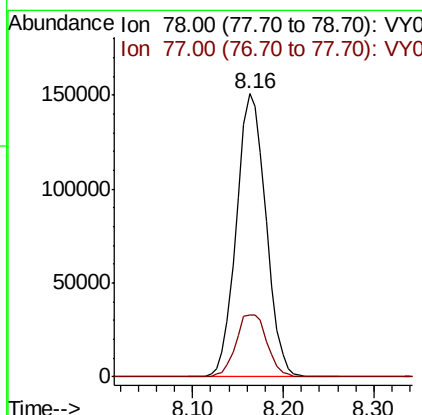
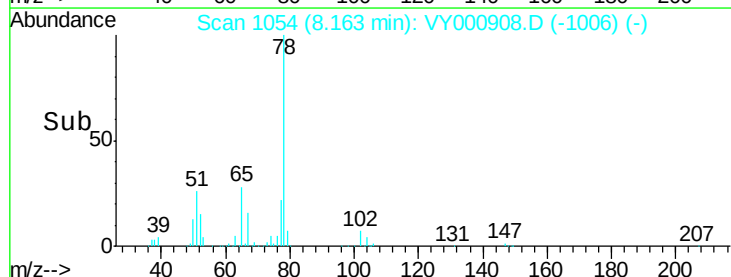
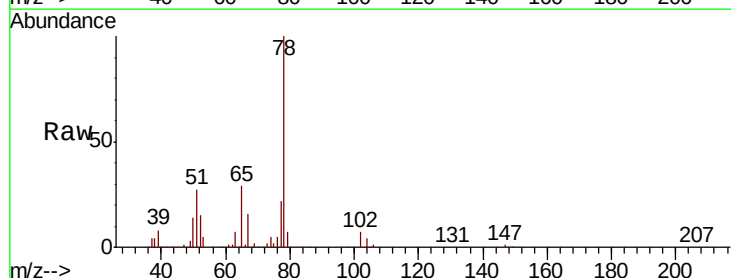
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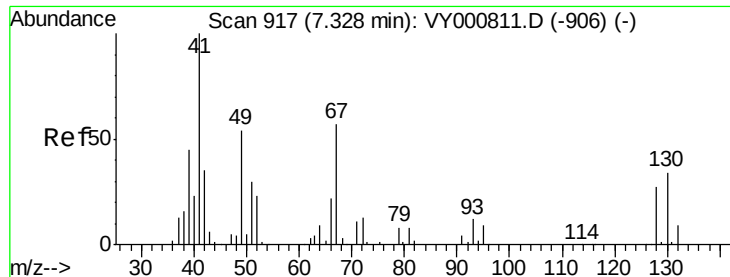
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#40
Benzene
Concen: 21.078 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	19.2	28.8





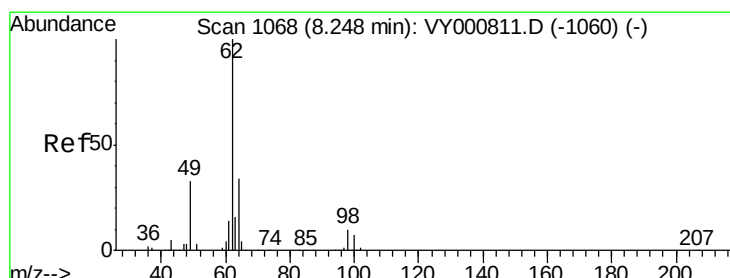
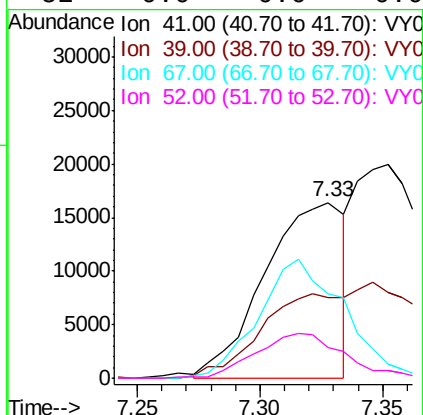
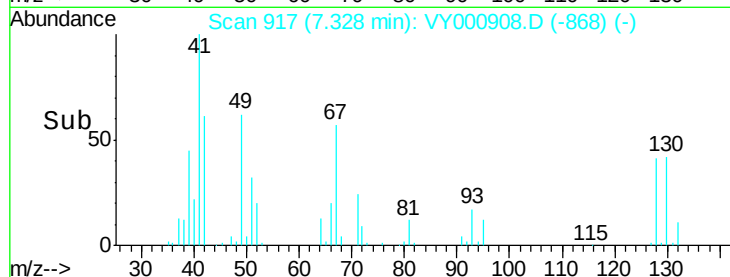
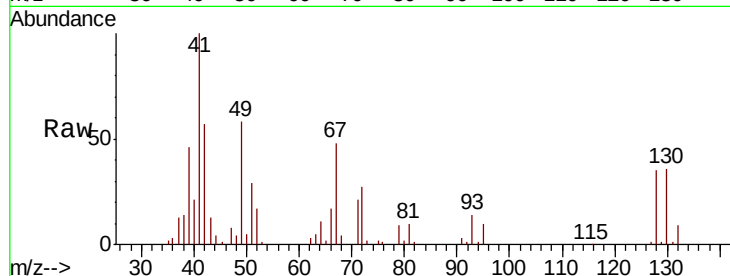
#41
Methacrylonitrile
Concen: 22.091 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion:	41	Resp:	37223
Ion	Ratio	Lower	Upper
41	100		
39	103.5	95.7	143.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

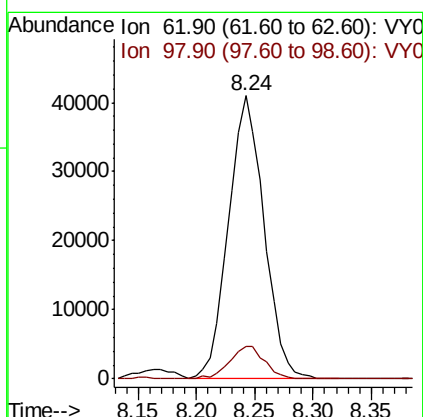
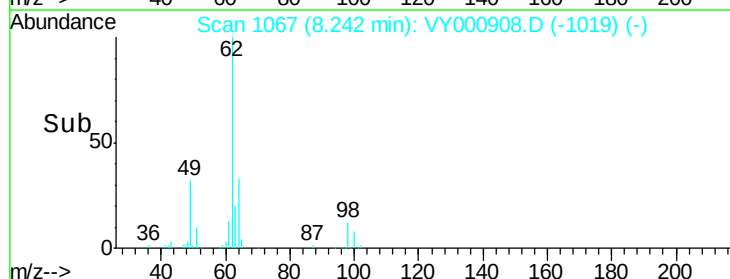
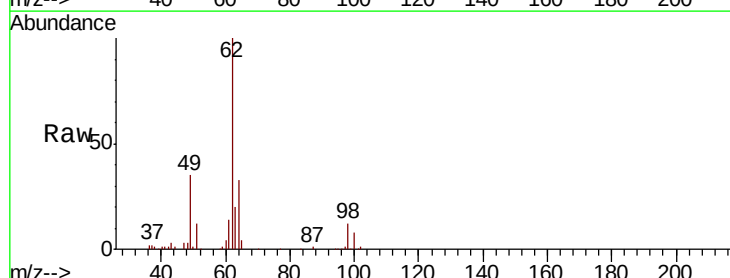
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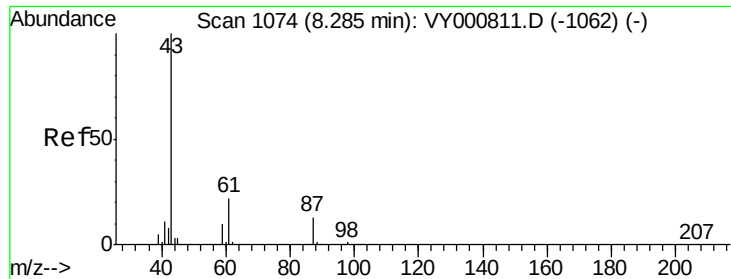
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#42
1,2-Dichloroethane
Concen: 20.529 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion:	62	Resp:	87070
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	21.4





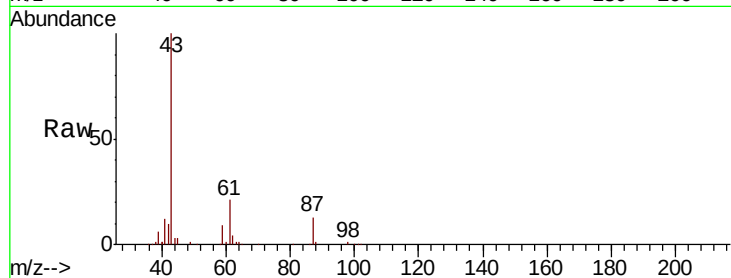
#43
Isopropyl Acetate
Concen: 19.623 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

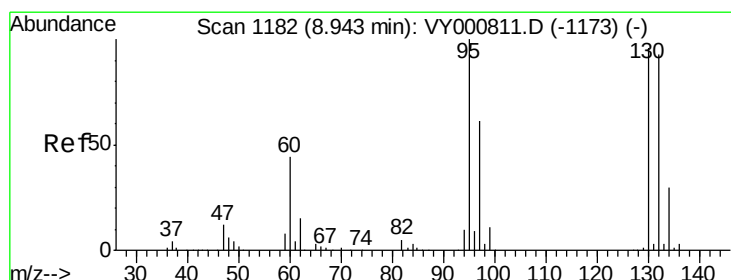
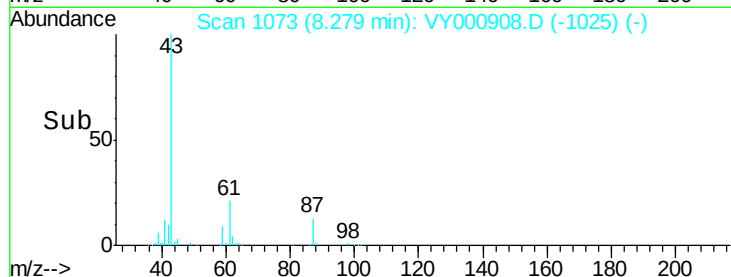
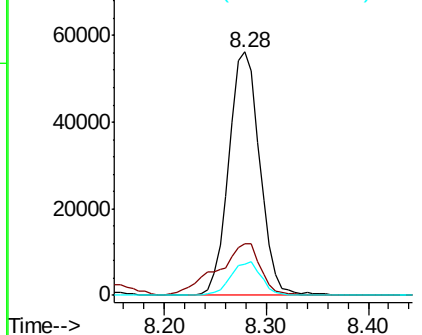
Tot Ion	43	61	87	Resp	Lower	Upper
118219	100	29.6	13.7			
		23.7	10.6			
		35.5	15.8			

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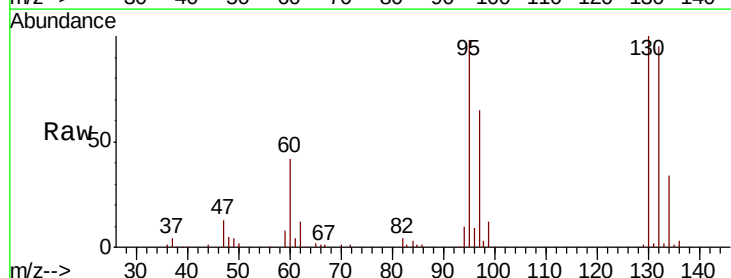


Abundance Ion 43.00 (42.70 to 43.70): VY000908.D (-1062) (-)
Ion 61.00 (60.70 to 61.70): VY000908.D (-1062) (-)
Ion 87.00 (86.70 to 87.70): VY000908.D (-1062) (-)

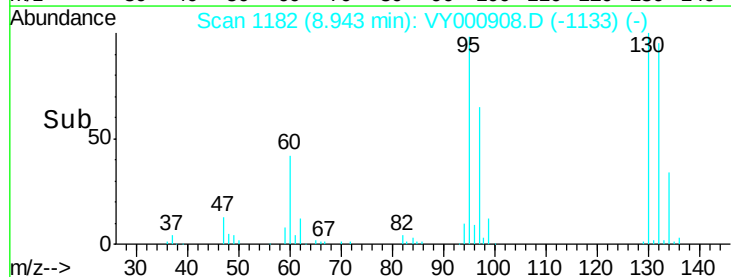
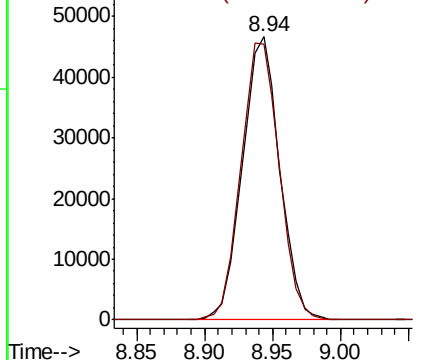


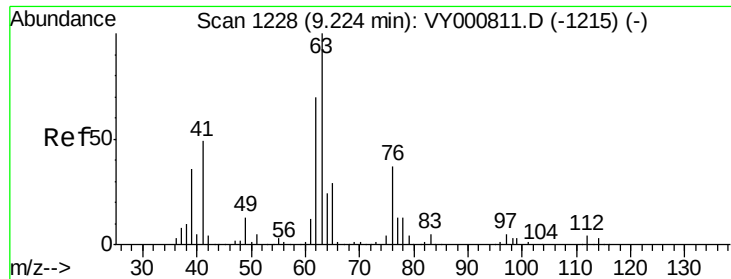
#44
Trichloroethene
Concen: 21.556 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	130	95	Resp	Lower	Upper
89342	100	97.6			
		0.0			
		207.8			



Abundance Ion 129.80 (129.50 to 130.50): VY000908.D (-1173) (-)
Ion 94.90 (94.60 to 95.60): VY000908.D (-1173) (-)





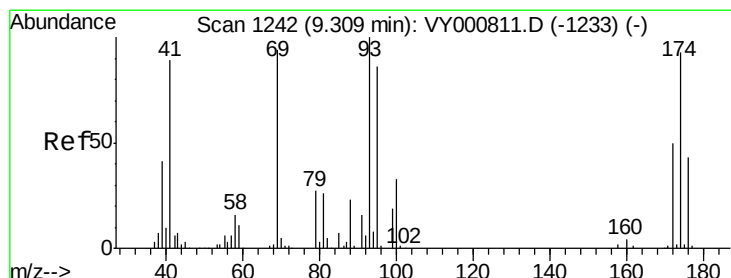
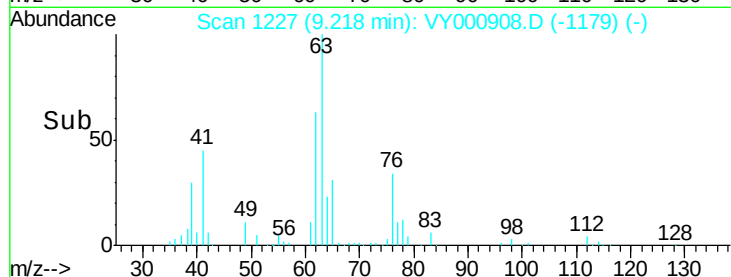
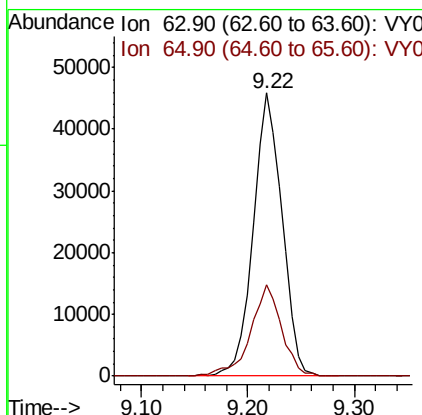
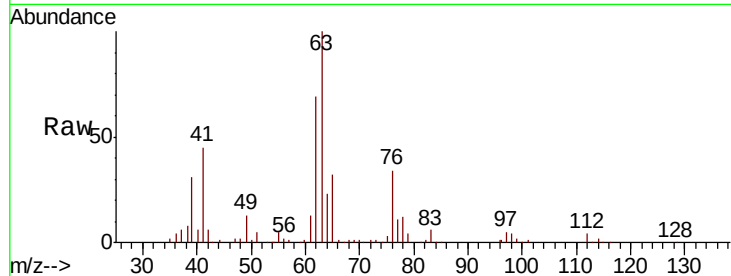
#45
 1,2-Dichloropropane
 Concen: 21.493 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion: 63 Resp: 87066
 Ion Ratio Lower Upper
 63 100
 65 32.3 23.2 34.8

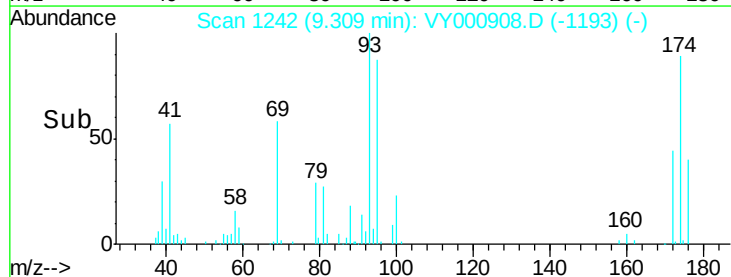
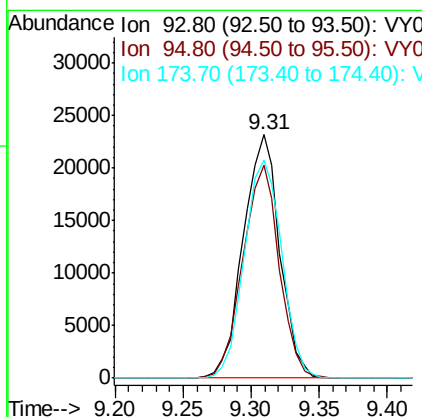
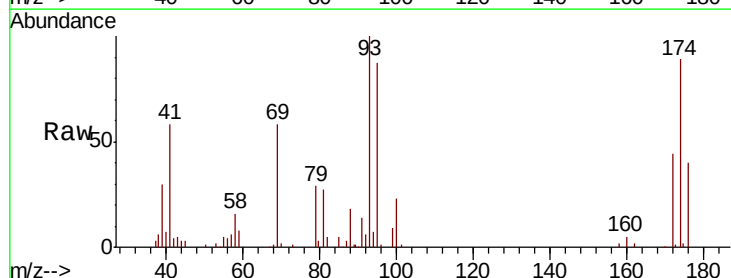
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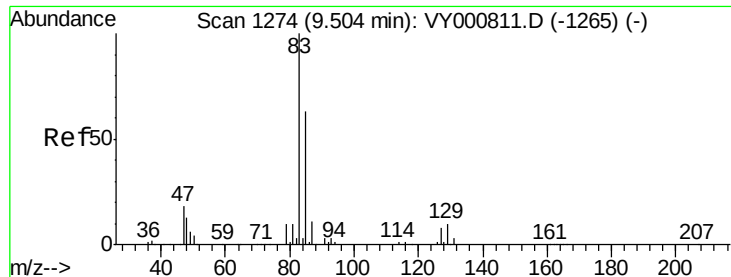
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#46
 Dibromomethane
 Concen: 20.617 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion: 93 Resp: 43638
 Ion Ratio Lower Upper
 93 100
 95 87.1 66.4 99.6
 174 91.8 73.0 109.6





#47

Bromodichloromethane

Concen: 20.407 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

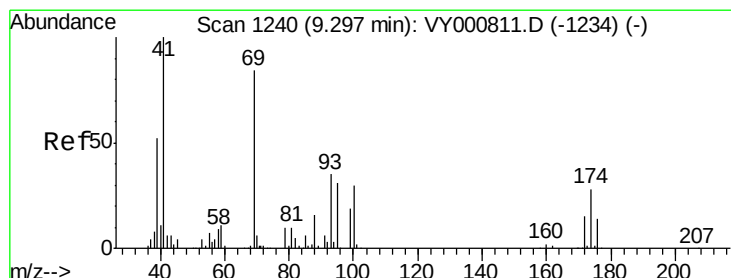
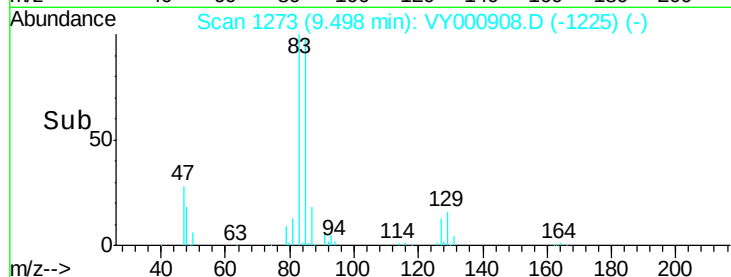
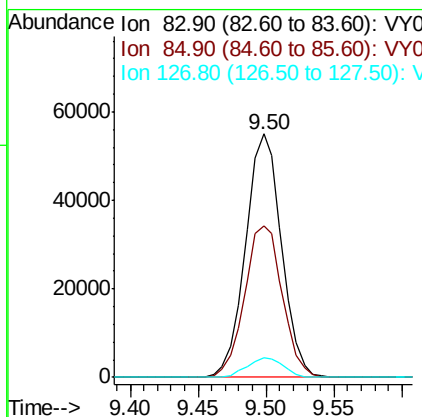
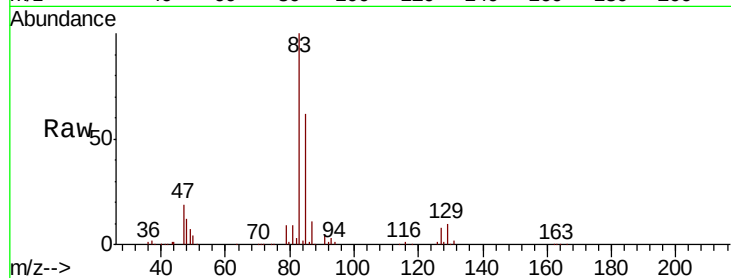
ClientSampleId :

VY1209SBS01

Tot Ion:	83	Resp:	101469
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.8	76.2
127	8.2	6.6	10.0

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#48

Methyl methacrylate

Concen: 19.480 ug/l

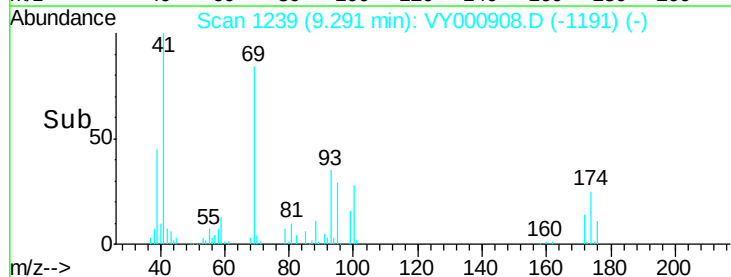
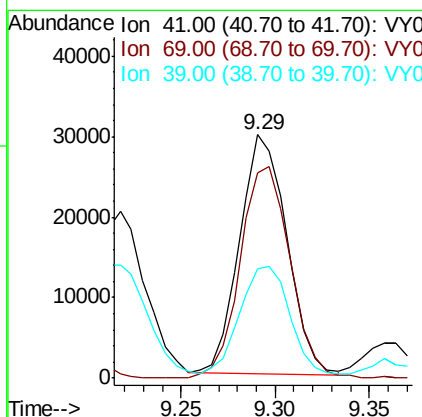
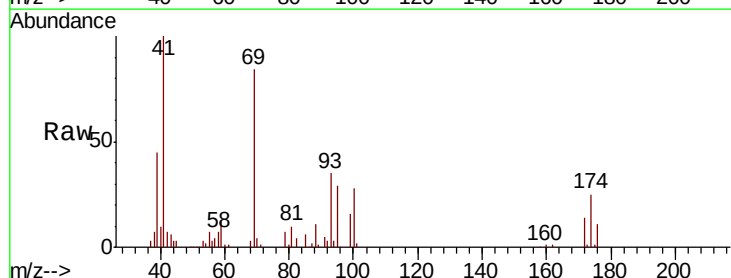
RT: 9.29 min Scan# 1239

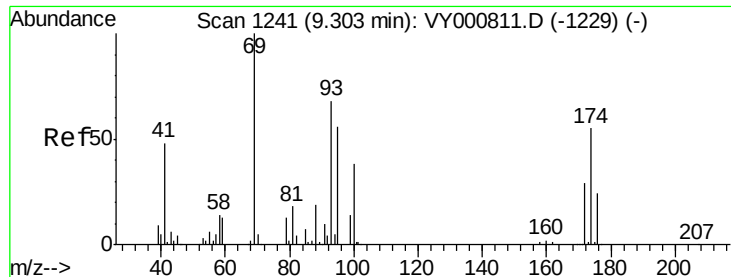
Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion:	41	Resp:	51608
Ion Ratio	Lower	Upper	
41	100		
69	93.5	70.4	105.6
39	48.2	40.9	61.3





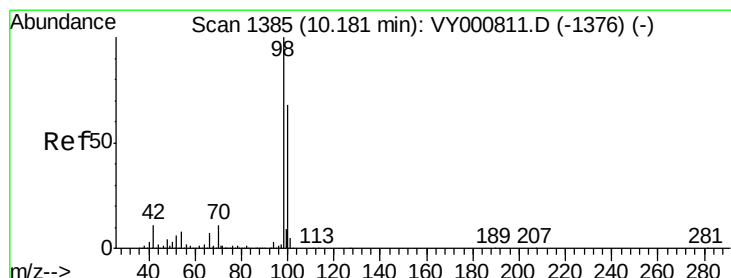
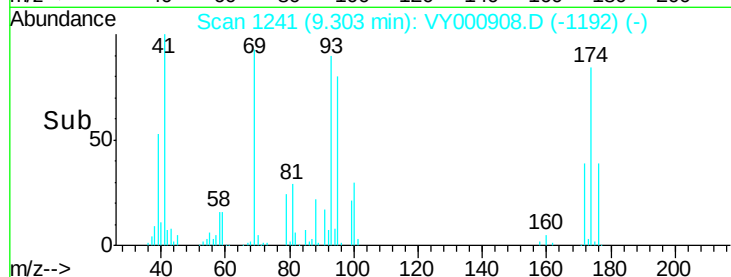
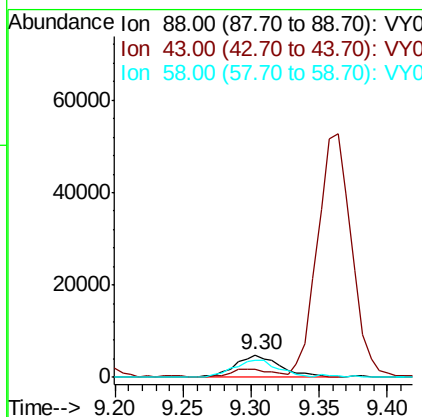
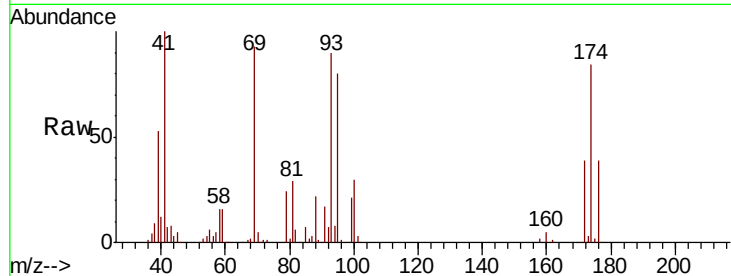
#49
1,4-Dioxane
Concen: 378.922 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	21.1	31.7
58	73.6	50.7	76.1

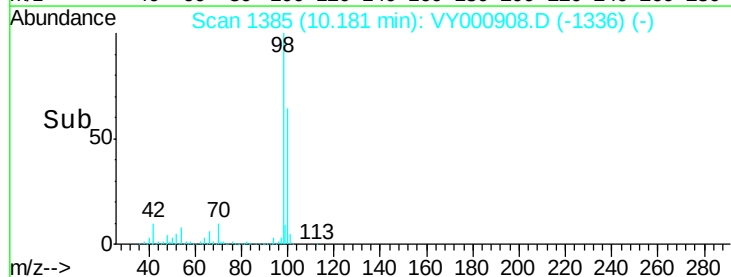
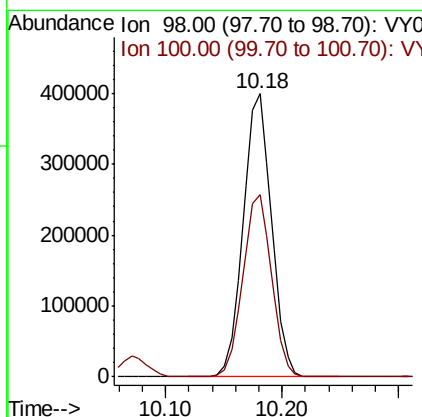
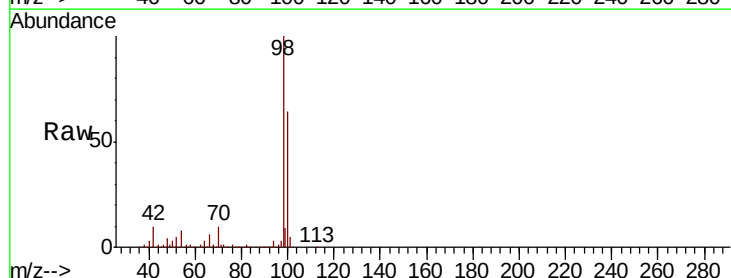
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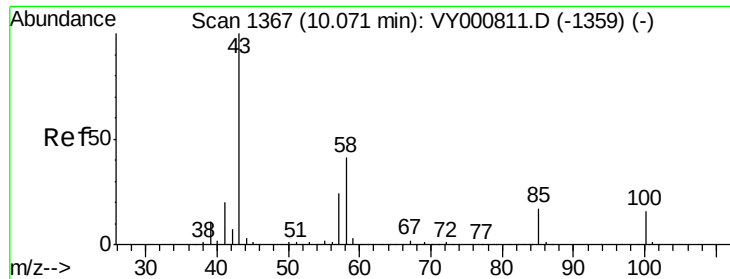
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#50
Toluene-d8
Concen: 52.237 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.1	79.7





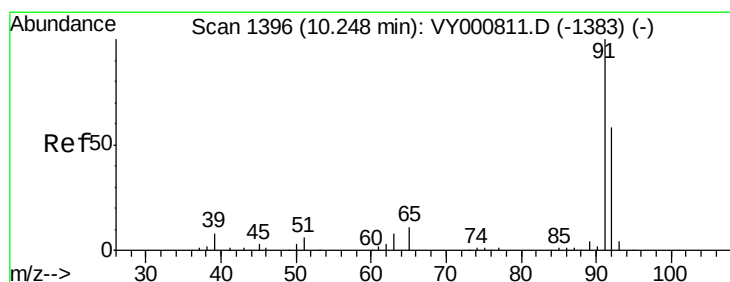
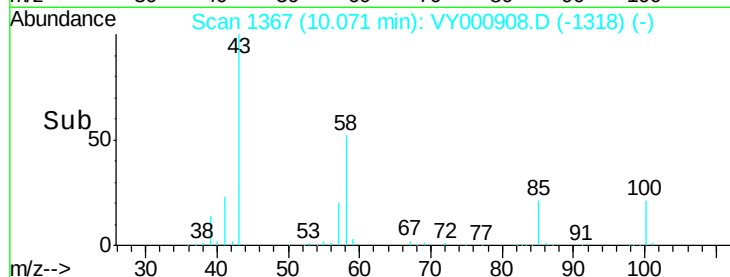
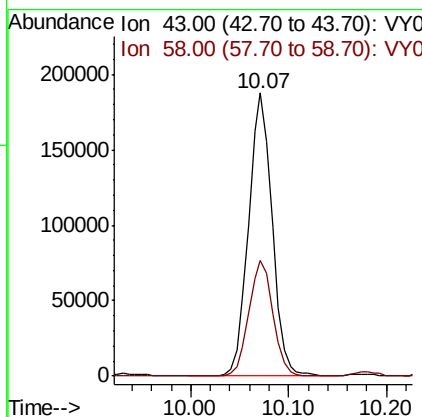
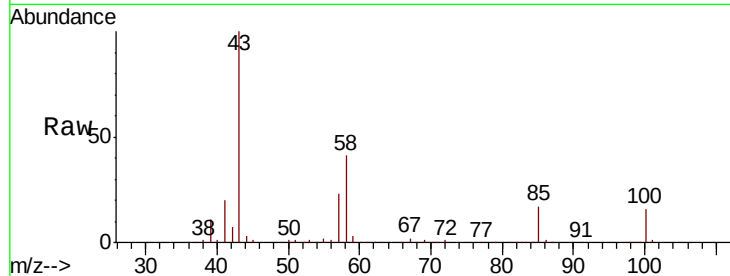
#51
4-Methyl-2-Pentanone
Concen: 100.820 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 43 Resp: 313830
Ion Ratio Lower Upper
43 100
58 41.5 33.1 49.7

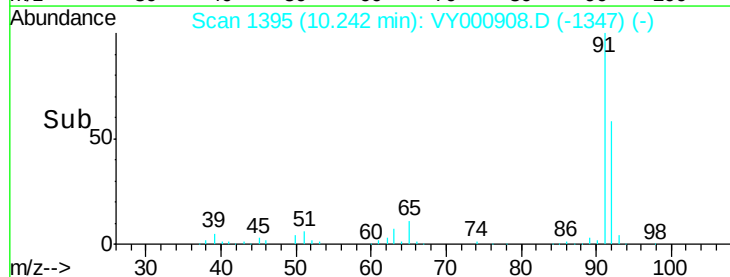
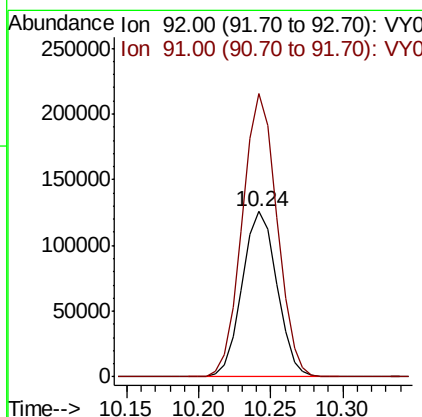
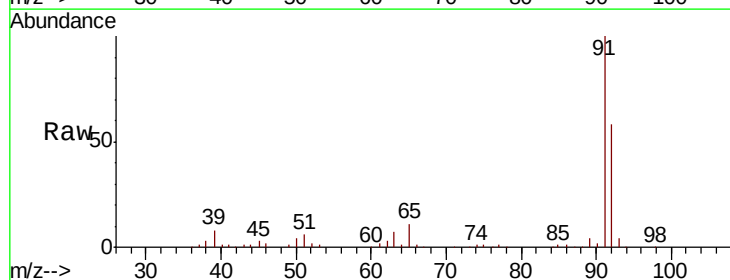
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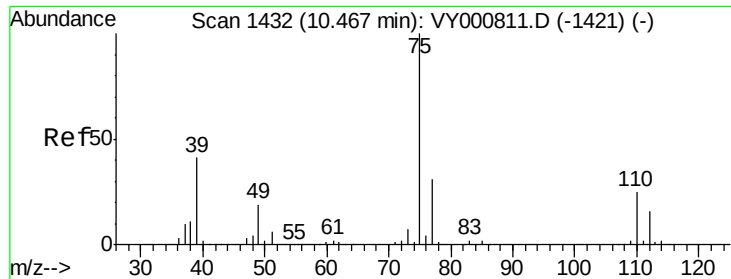
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#52
Toluene
Concen: 21.086 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion: 92 Resp: 210557
Ion Ratio Lower Upper
92 100
91 171.1 136.6 204.8





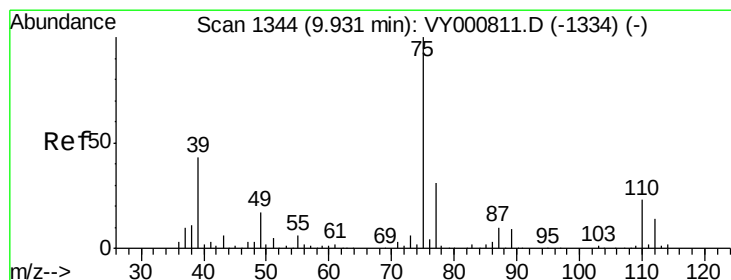
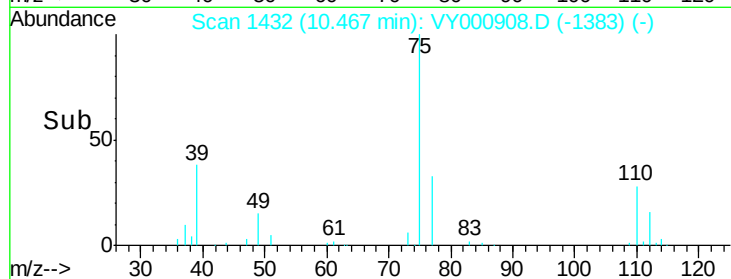
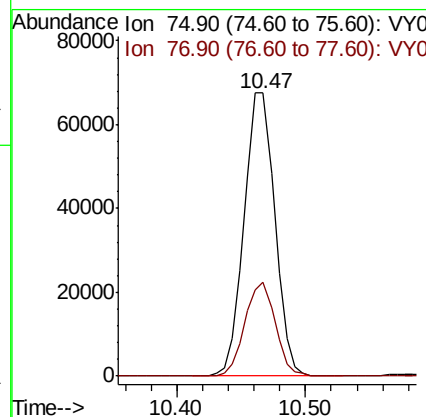
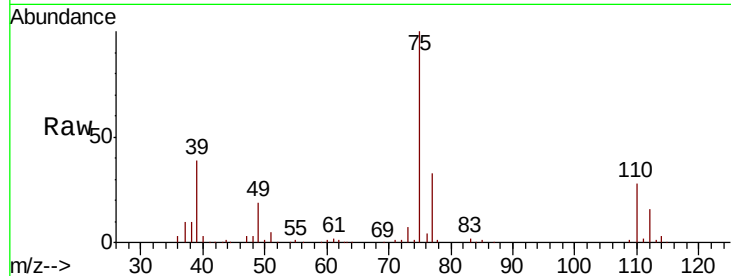
#53
t-1,3-Dichloropropene
Concen: 20.906 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 75 Resp: 111678
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7

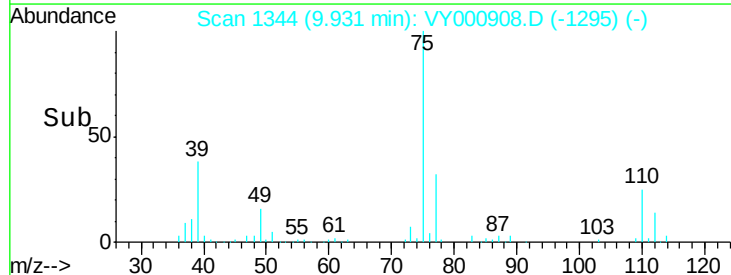
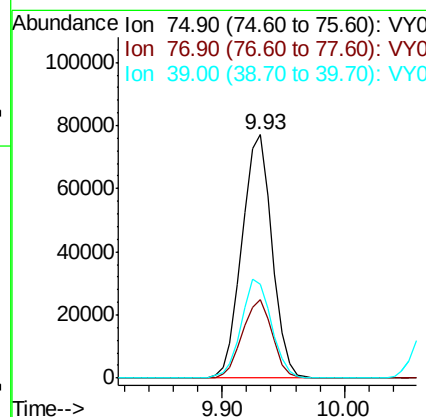
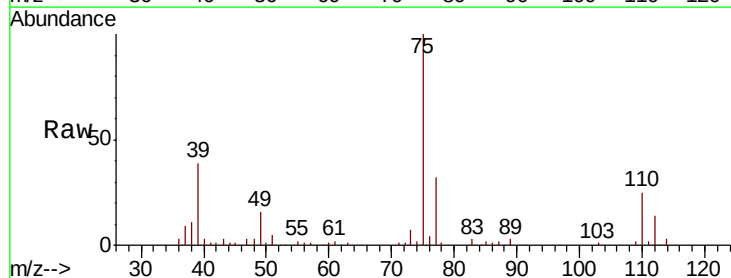
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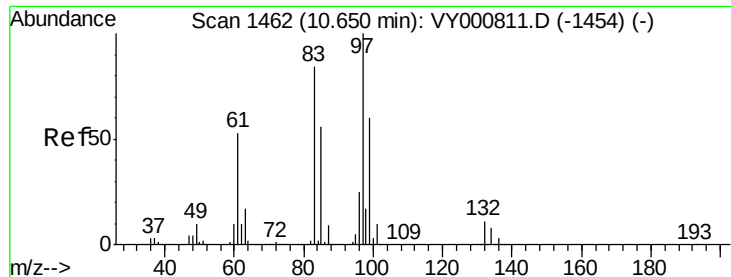
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#54
cis-1,3-Dichloropropene
Concen: 20.790 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion: 75 Resp: 131274
Ion Ratio Lower Upper
75 100
77 32.3 24.7 37.1
39 38.6 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 20.919 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 97 Resp: 65416

Ion Ratio Lower Upper

97 100

83 90.3 67.5 101.3

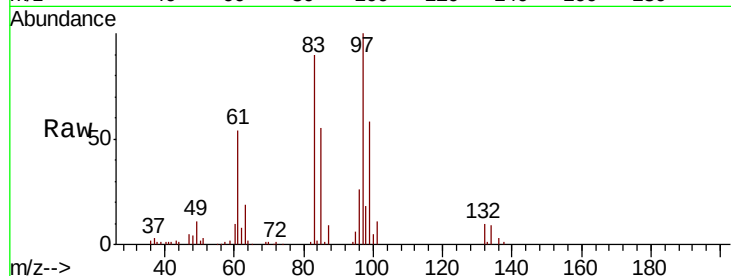
85 55.3 44.5 66.7

99 58.4 47.7 71.5

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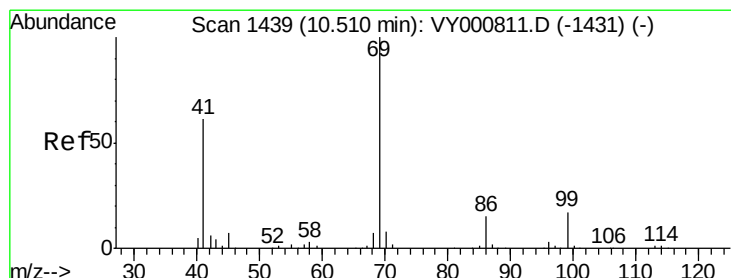
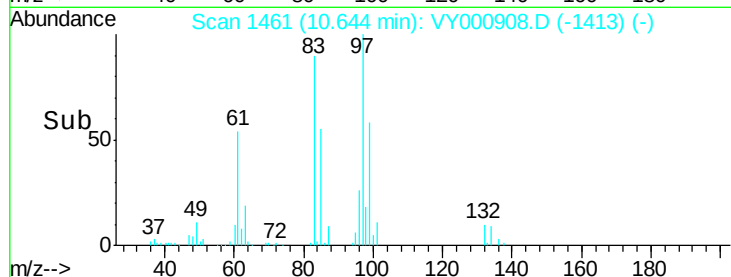
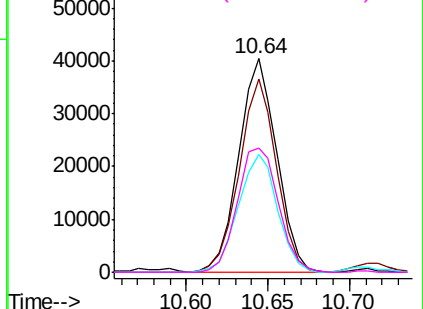
Abundance

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: 21.481 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

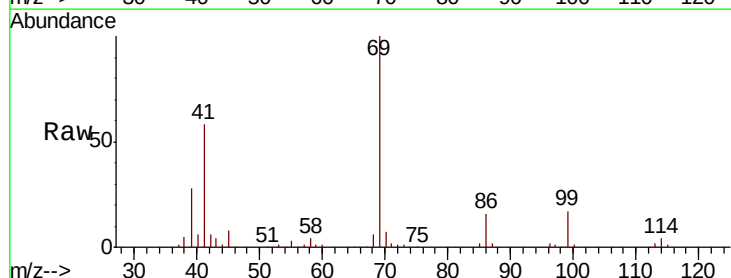
Tgt Ion: 69 Resp: 96094

Ion Ratio Lower Upper

69 100

41 58.4 49.0 73.6

39 27.8 23.1 34.7

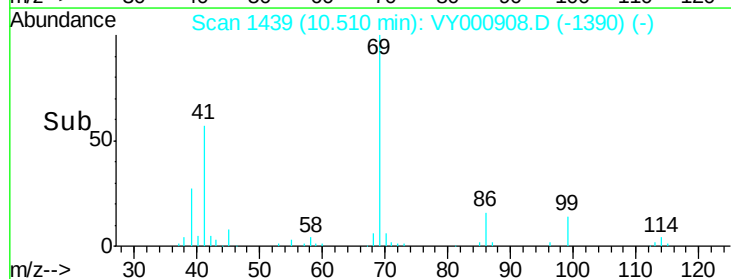
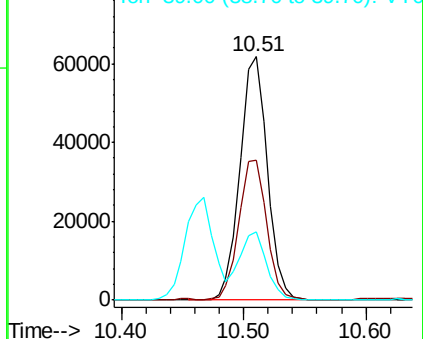


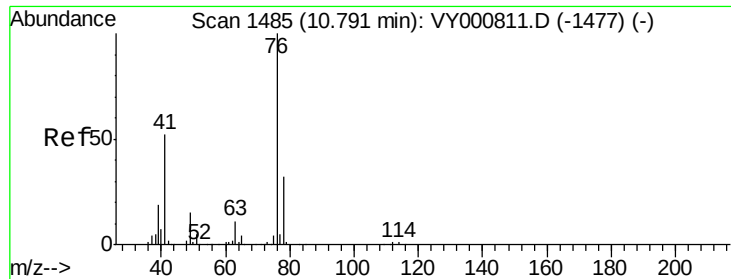
Abundance

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: 20.881 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 76 Resp: 113803

Ion Ratio Lower Upper

76 100

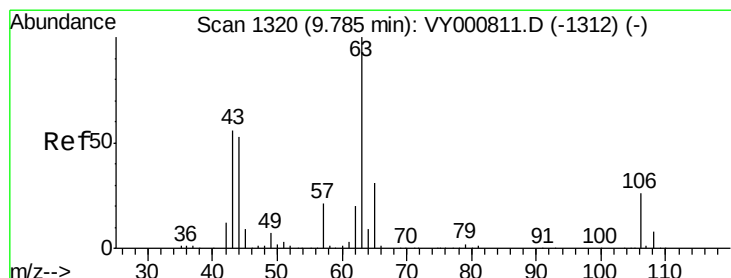
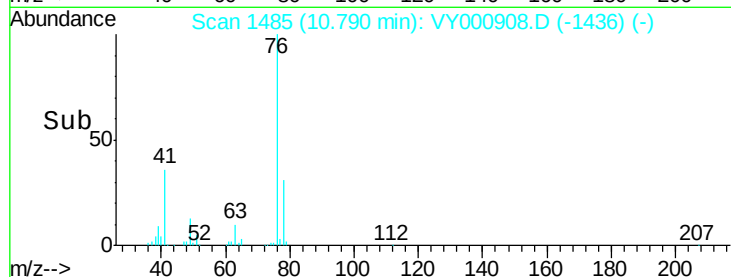
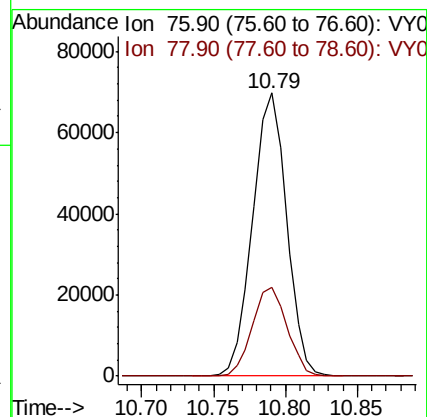
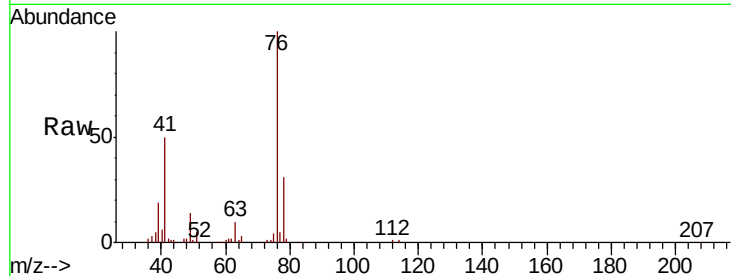
78 32.3 26.4 39.6

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#58

2-Chloroethyl Vinyl ether

Concen: 102.006 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY000908.D

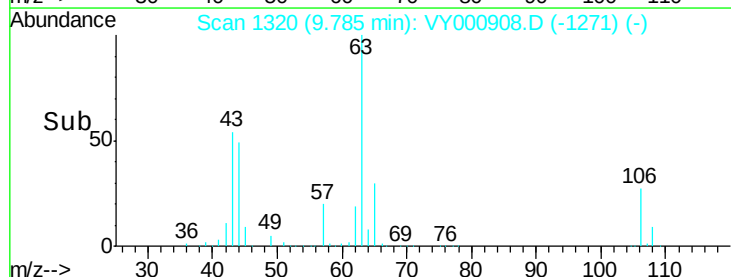
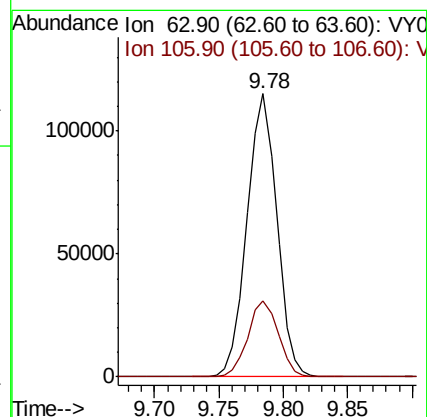
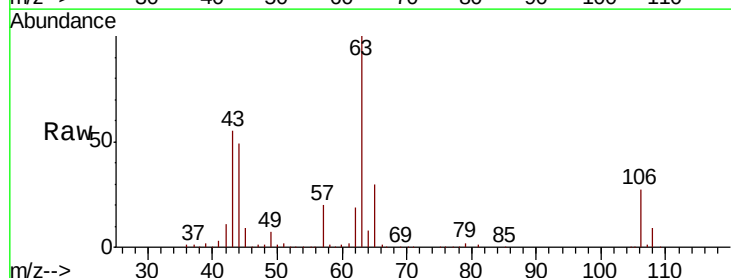
Acq: 09 Dec 2019 12:09

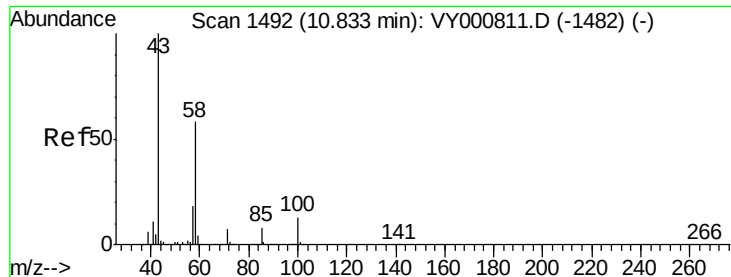
Tgt Ion: 63 Resp: 183993

Ion Ratio Lower Upper

63 100

106 27.4 21.5 32.3





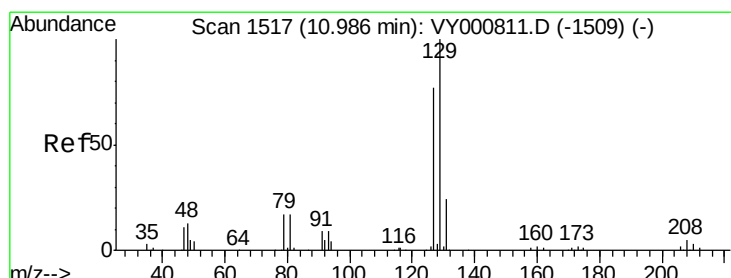
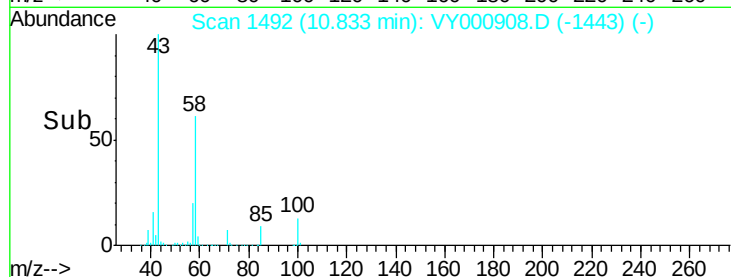
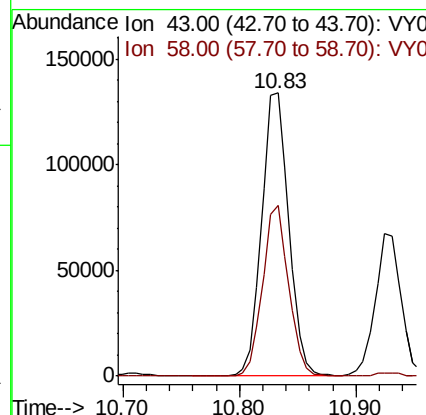
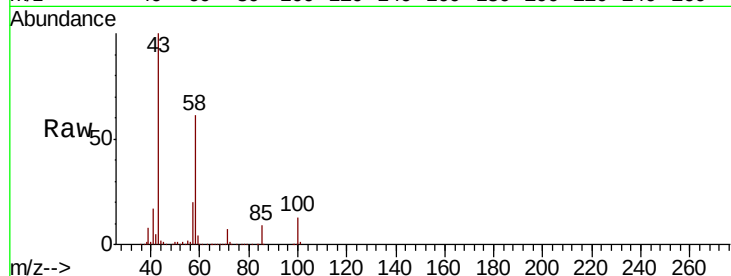
#59
2-Hexanone
Concen: 95.723 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 43 Resp: 217120
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.1

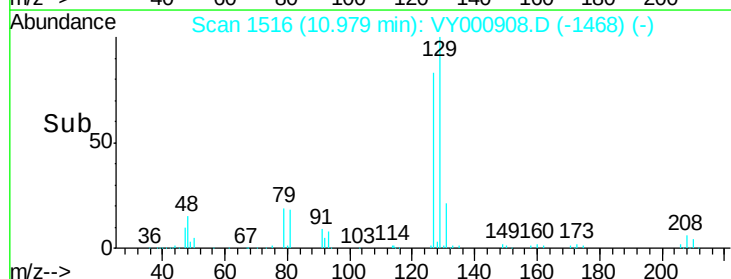
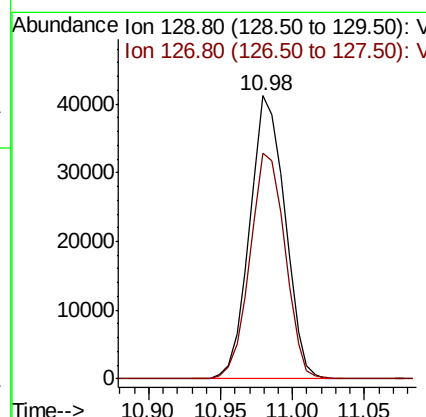
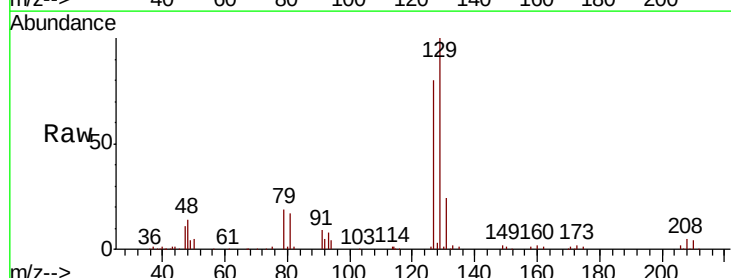
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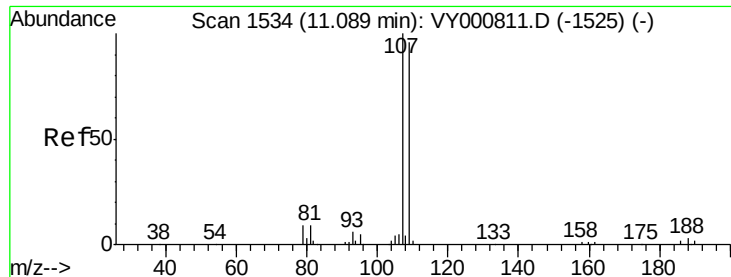
apatel
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#60
Dibromochloromethane
Concen: 20.670 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion: 129 Resp: 69582
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2





#61

1,2-Dibromoethane

Concen: 21.339 ug/l

RT: 11.08 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 107 Resp: 62889

Ion Ratio Lower Upper

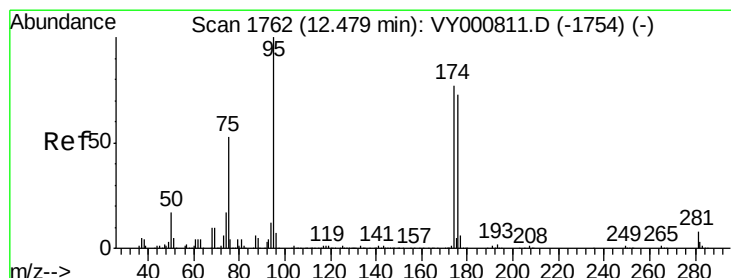
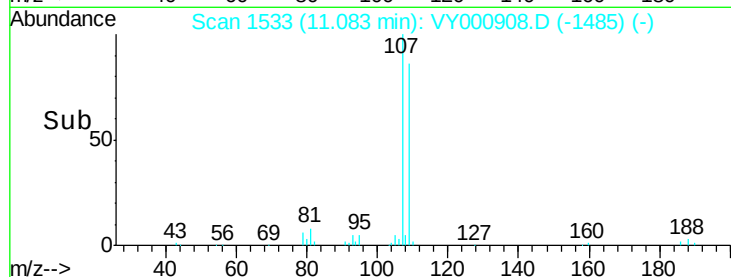
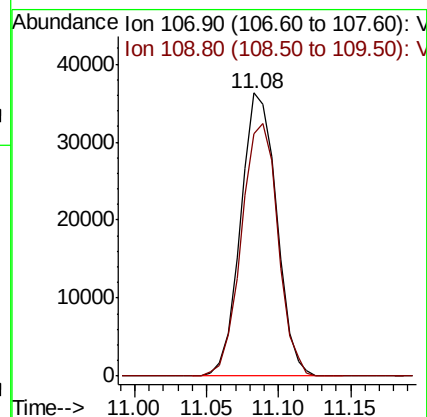
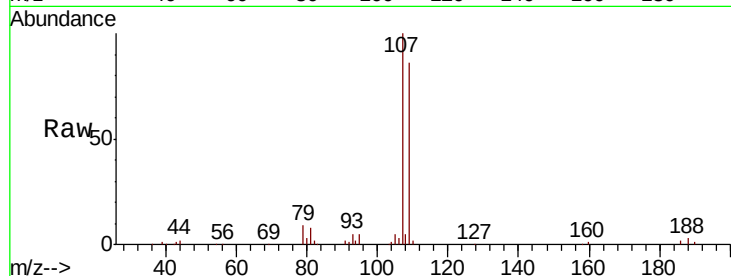
107 100

109 90.5 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 47.942 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

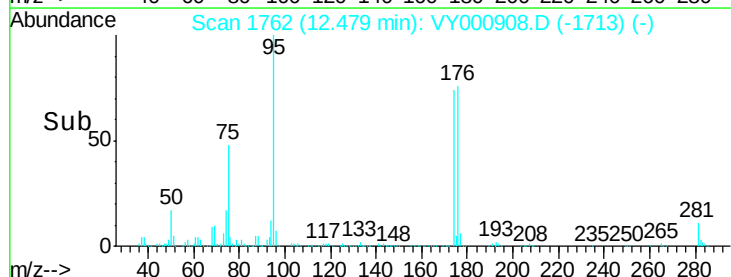
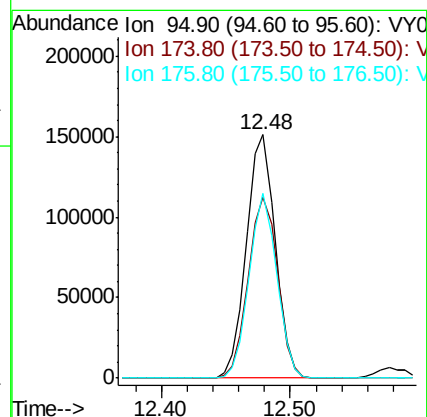
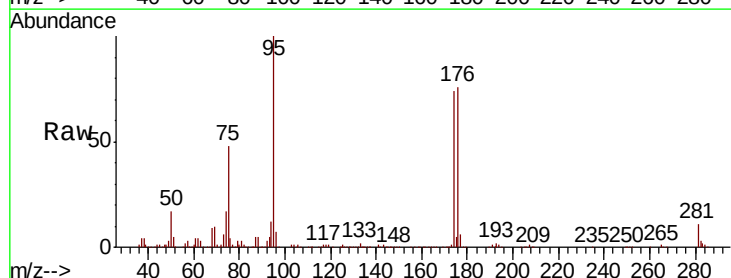
Tgt Ion: 95 Resp: 233600

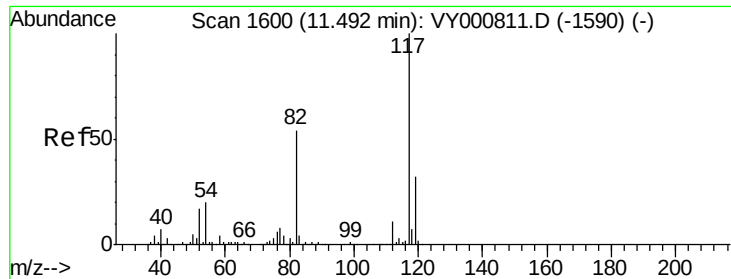
Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.6

176 72.6 0.0 145.2





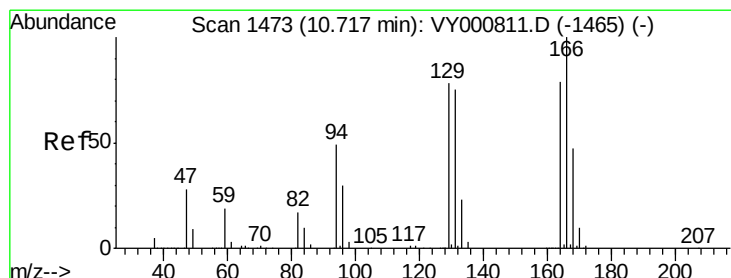
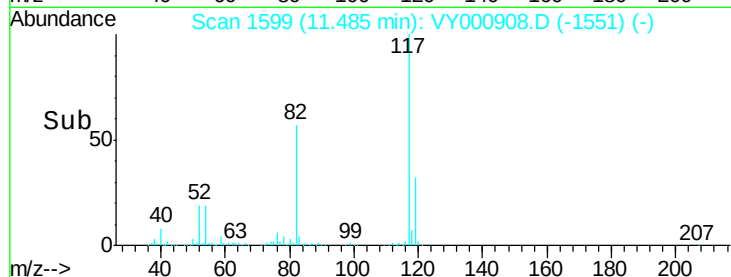
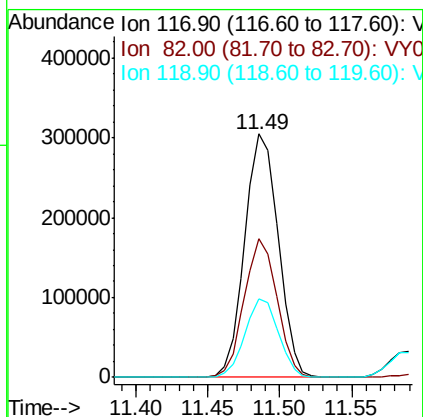
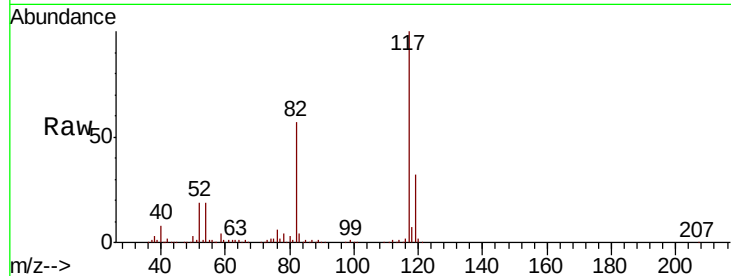
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	492028		
82	57.0		43.1	64.7
119	32.3		25.3	37.9

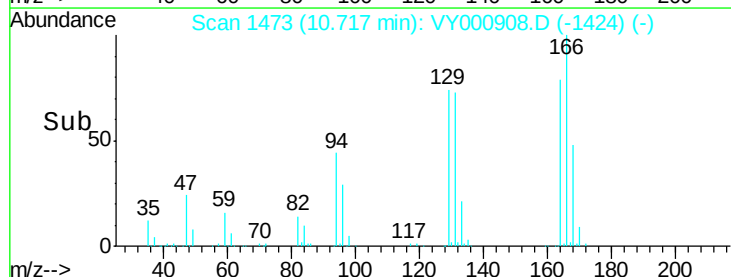
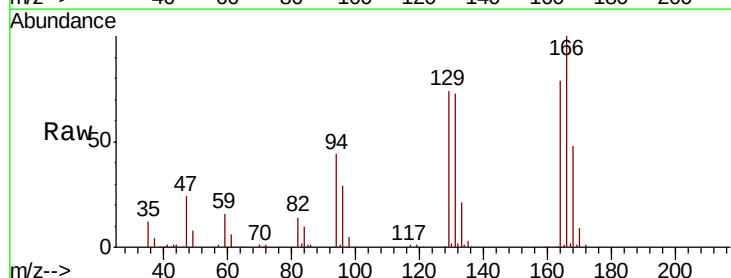
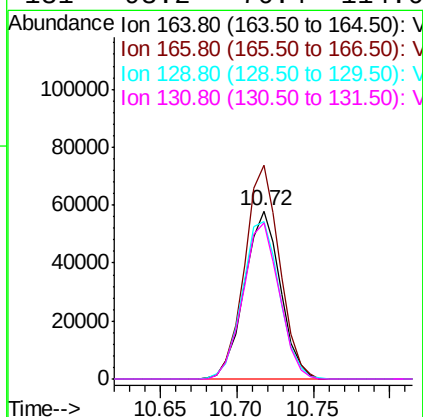
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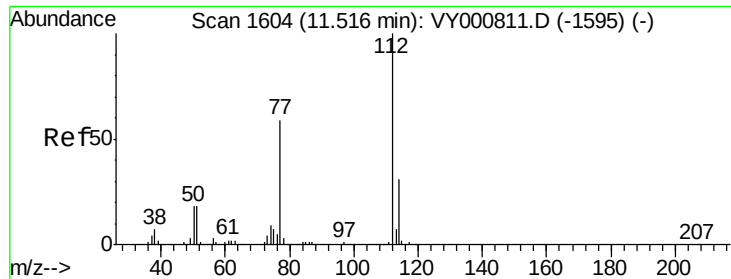
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#64
Tetrachloroethene
Concen: 22.108 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	94509		
166	127.1		101.8	152.8
129	93.9		79.3	118.9
131	93.2		76.4	114.6





#65

Chlorobenzene

Concen: 21.165 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:112 Resp: 216463

Ion Ratio Lower Upper

112 100

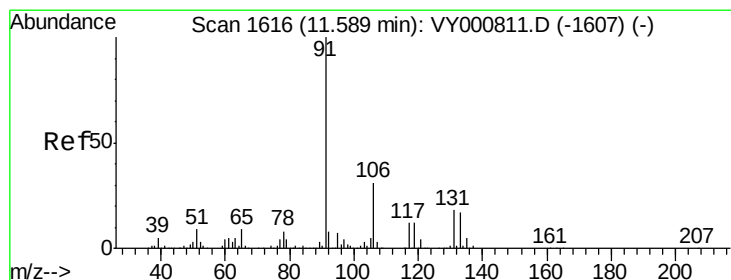
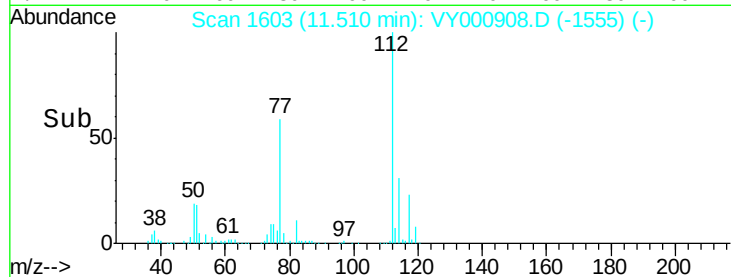
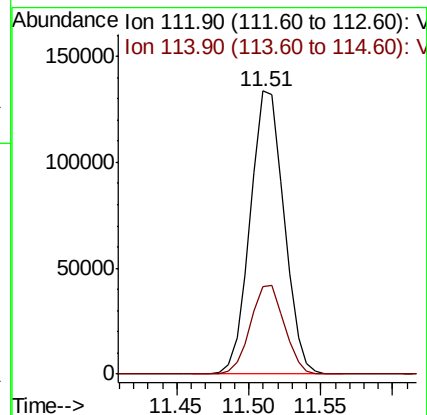
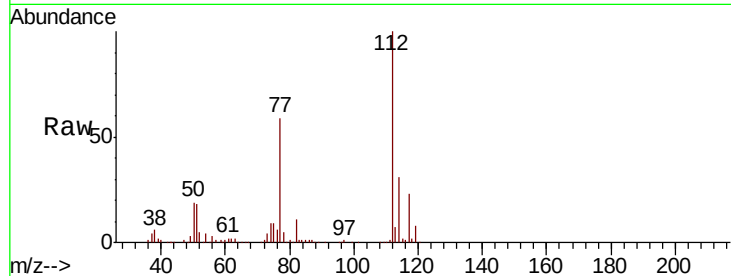
114 30.8 25.1 37.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 22.060 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

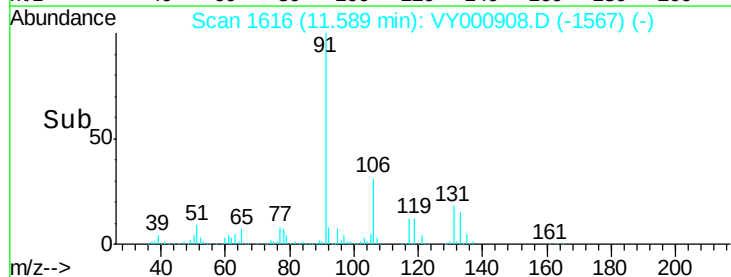
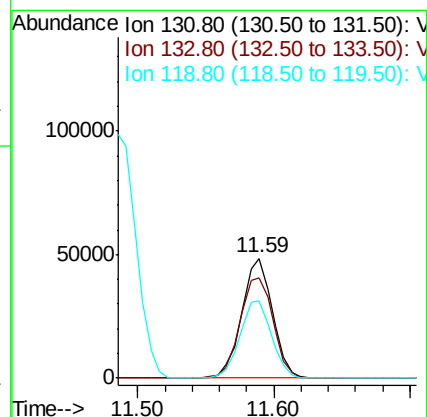
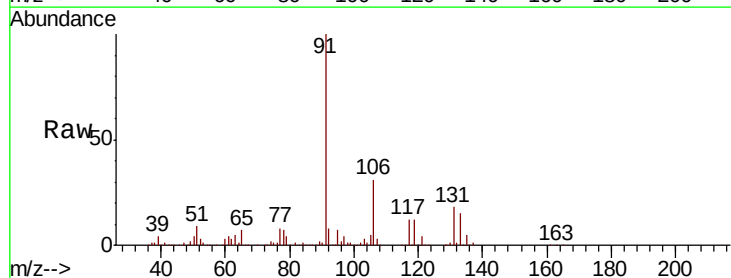
Tgt Ion:131 Resp: 76033

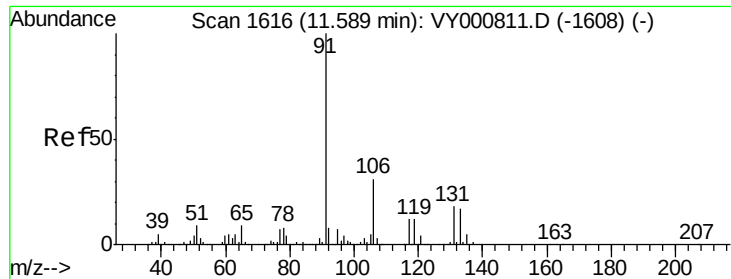
Ion Ratio Lower Upper

131 100

133 90.5 47.4 142.2

119 66.7 33.8 101.3





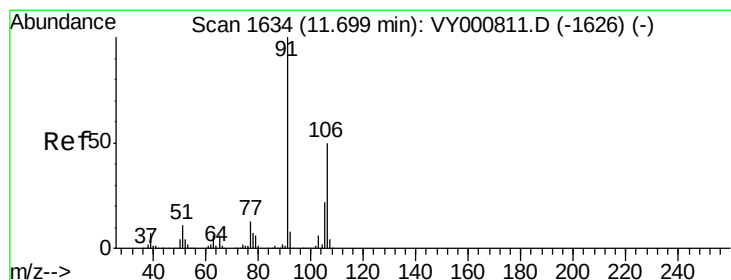
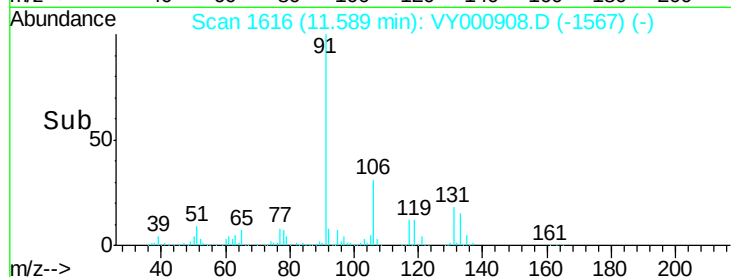
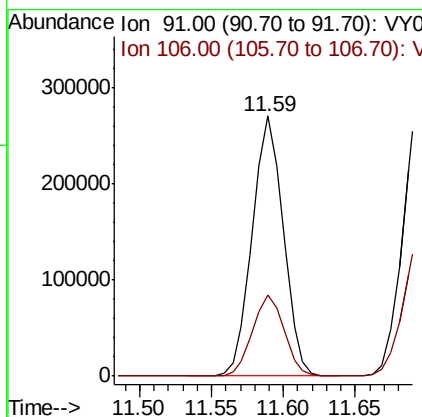
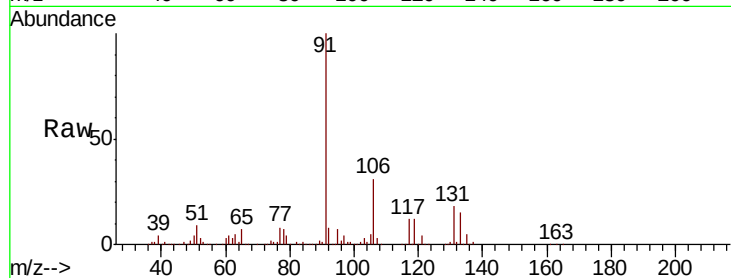
#67
Ethyl Benzene
Concen: 21.154 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 91 Resp: 402926
Ion Ratio Lower Upper
91 100
106 31.2 24.4 36.6

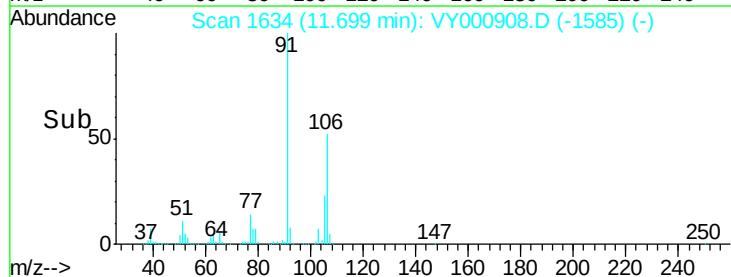
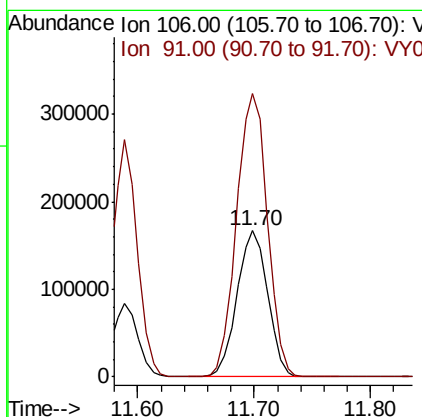
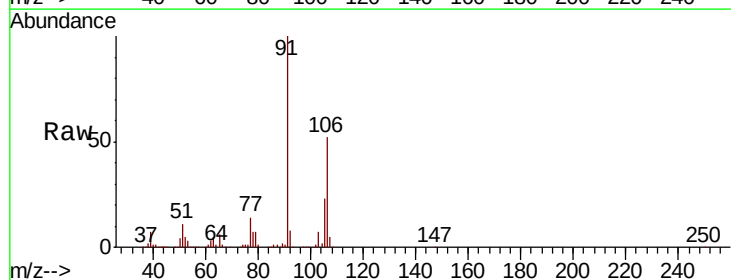
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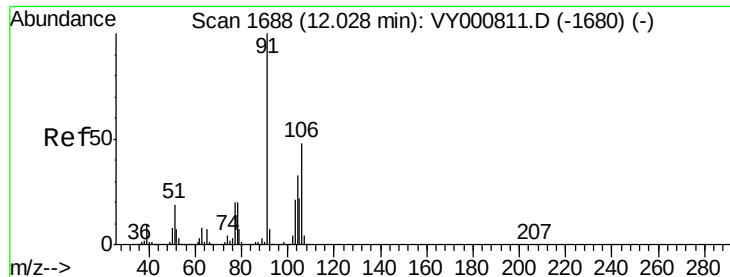
apatel
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#68
m/p-Xylenes
Concen: 42.888 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion: 106 Resp: 306623
Ion Ratio Lower Upper
106 100
91 195.3 159.6 239.4





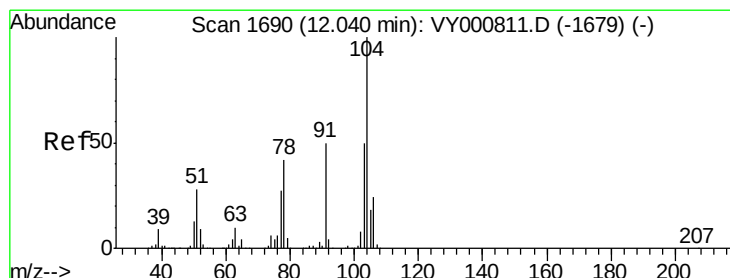
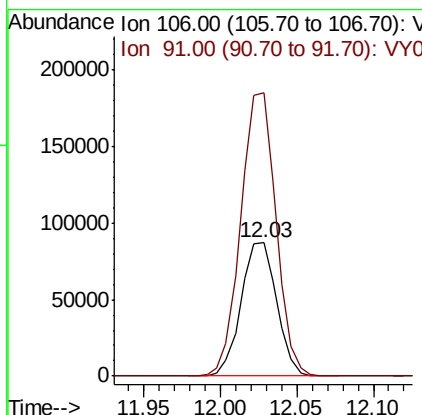
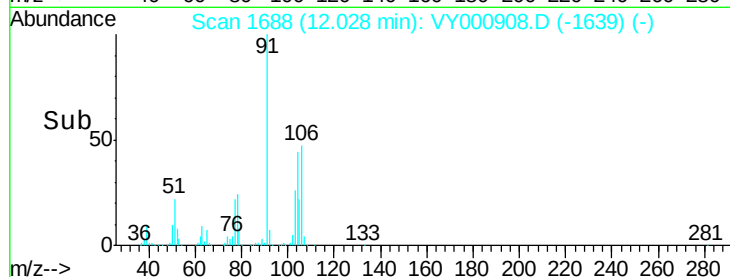
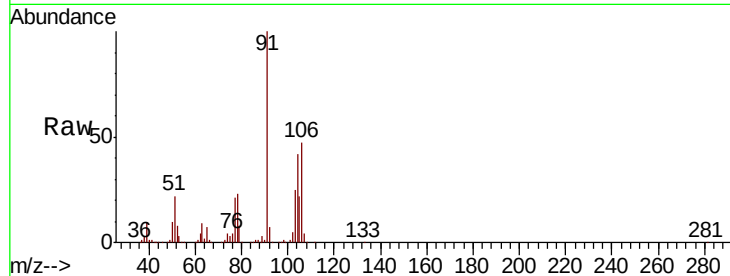
#69
o-Xylene
Concen: 21.158 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion:106 Resp: 141038
Ion Ratio Lower Upper
106 100
91 210.0 106.1 318.1

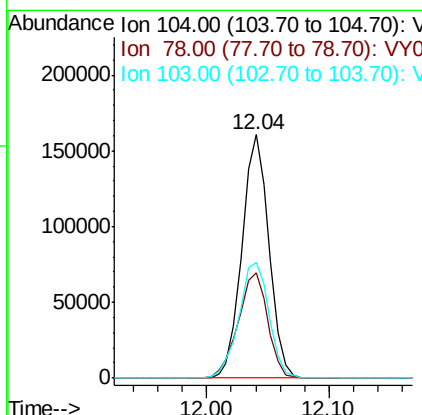
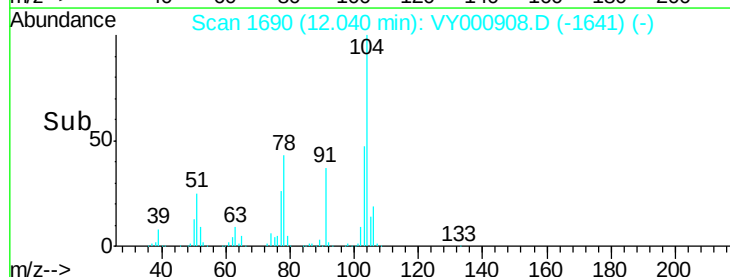
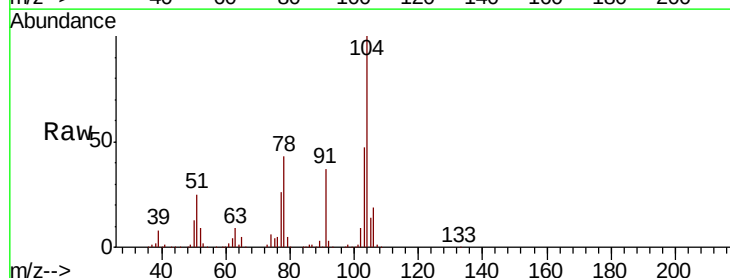
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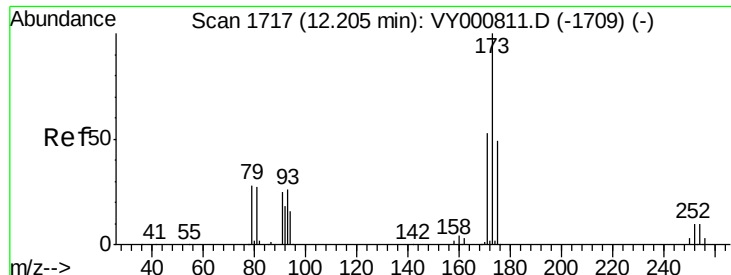
apatel
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#70
Styrene
Concen: 21.456 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion:104 Resp: 244905
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 53.2 43.4 65.0





#71

Bromoform

Concen: 21.040 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:173 Resp: 40901

Ion Ratio Lower Upper

173 100

175 49.4 24.5 73.5

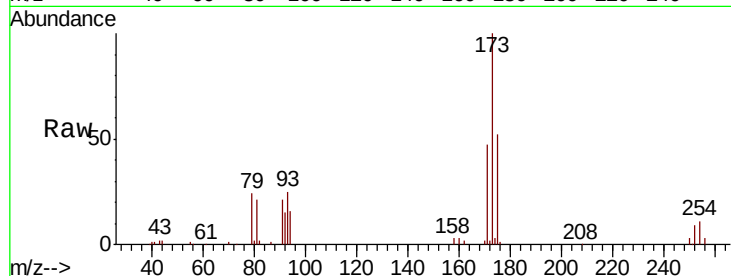
254 0.0 0.0 0.0

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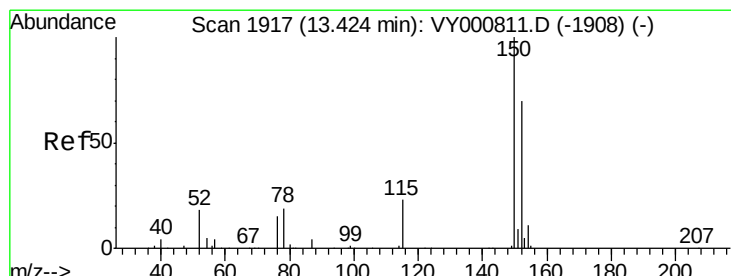
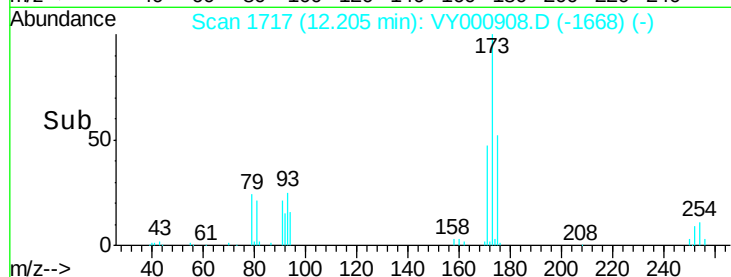
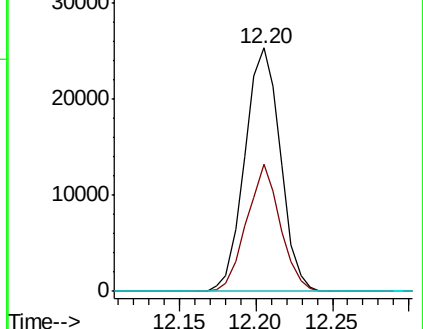
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY000908.D

Acq: 09 Dec 2019 12:09

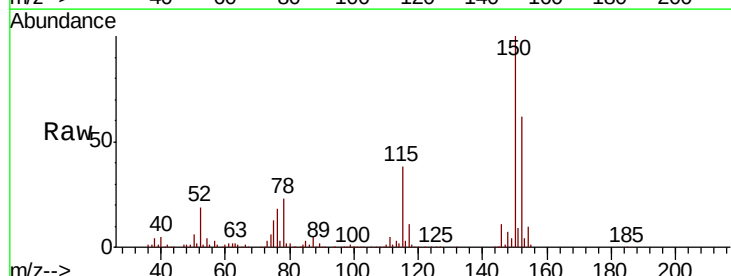
Tgt Ion:152 Resp: 230813

Ion Ratio Lower Upper

152 100

115 60.9 29.3 87.8

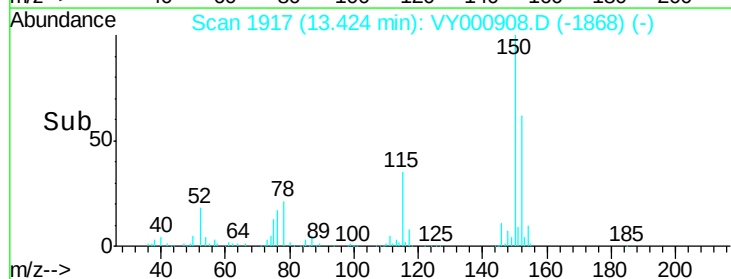
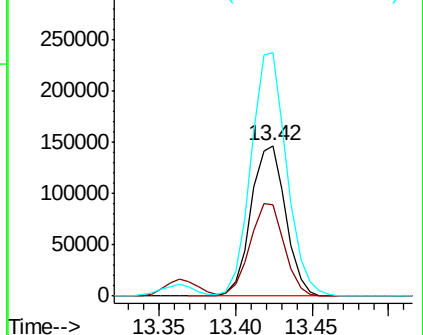
150 167.0 0.0 351.2

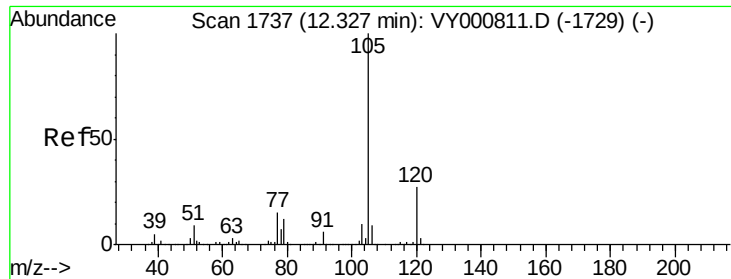


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.706 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 105 Resp: 380537

Ion Ratio Lower Upper

105 100

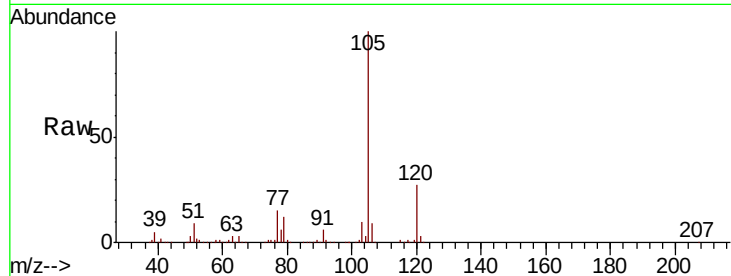
120 27.0 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

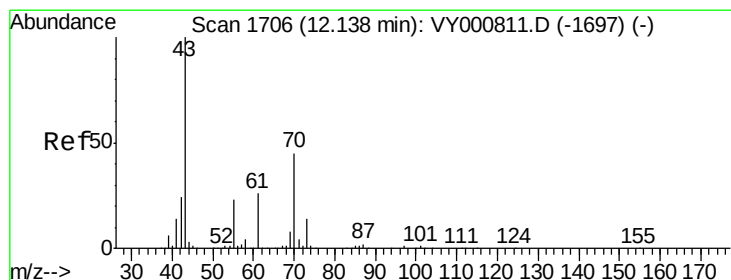
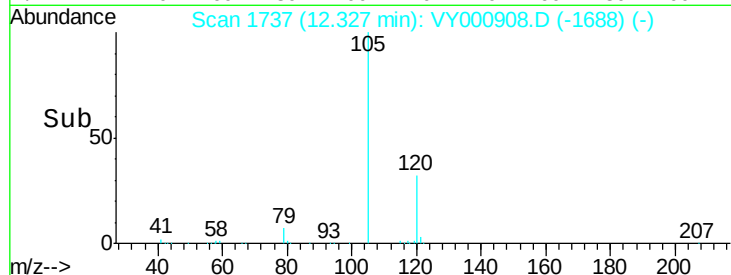
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 19.989 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion: 43 Resp: 102248

Ion Ratio Lower Upper

43 100

70 45.7 36.6 54.8

55 23.4 18.8 28.2

61 26.1 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

100000

80000

60000

40000

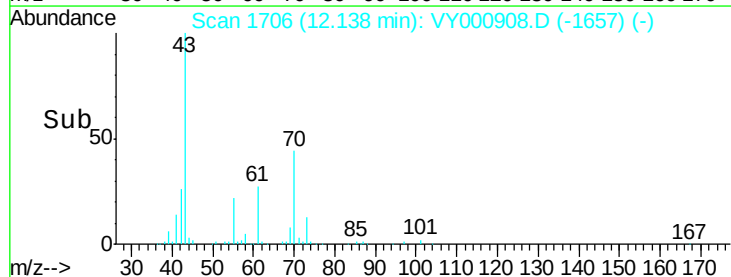
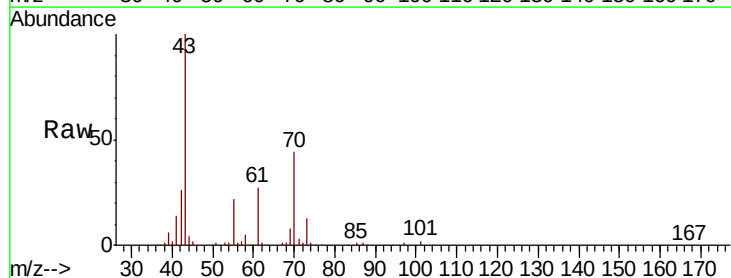
20000

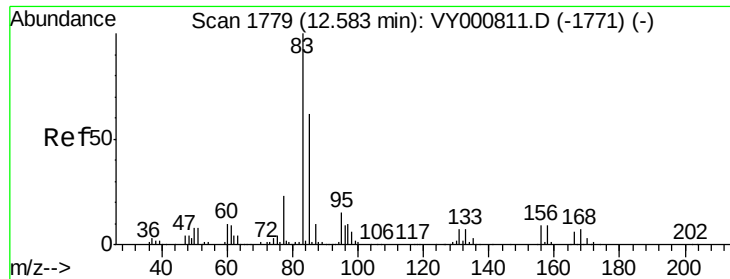
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.132 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

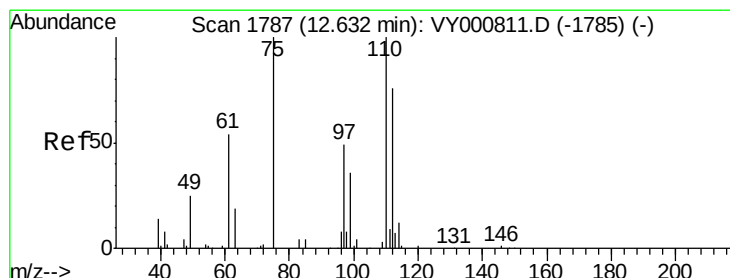
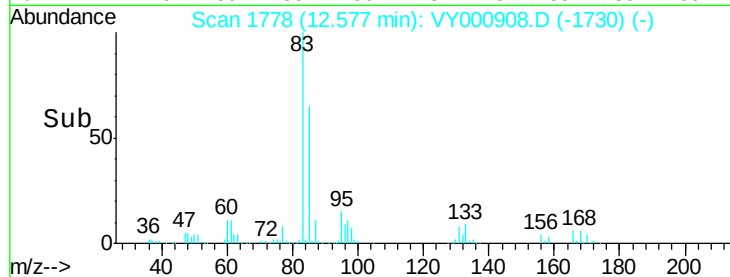
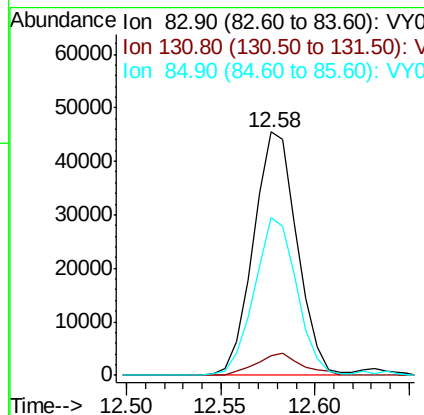
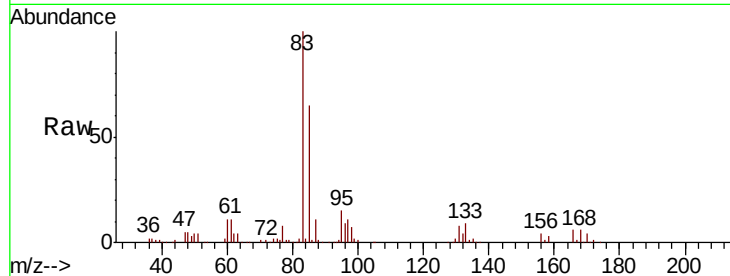
ClientSampleId :

VY1209SBS01

Tot Ion:	83	Resp:	72900
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.3	13.1
85	63.1	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 19.421 ug/l m

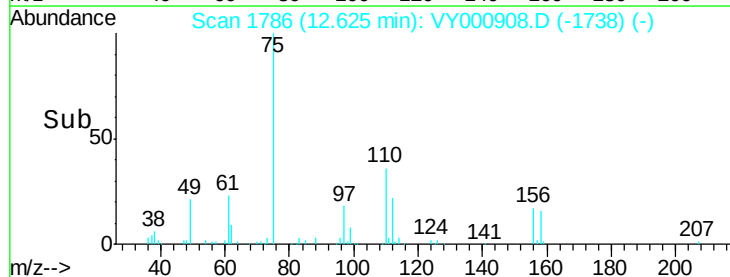
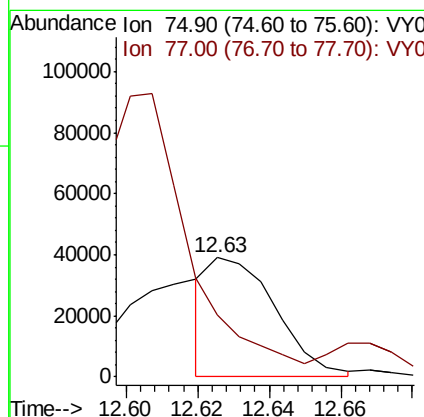
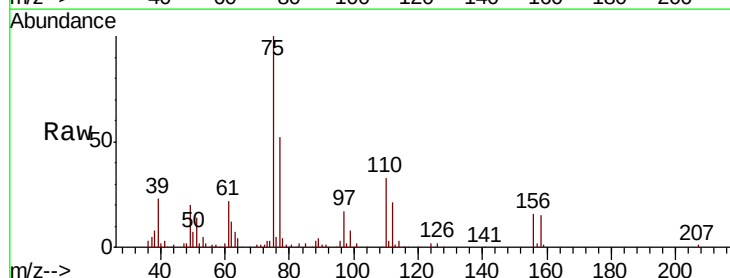
RT: 12.63 min Scan# 1786

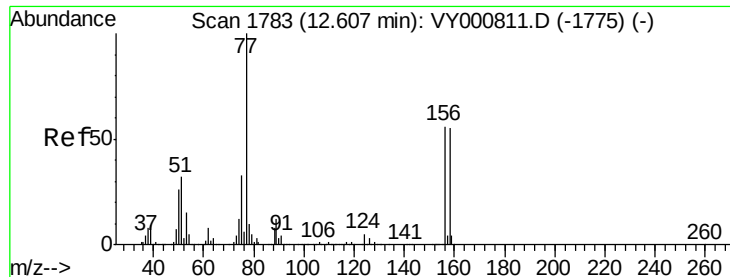
Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion:	75	Resp:	50787
Ion Ratio	Lower	Upper	
75	100		
77	332.0	0.0	0.0#





#77

Bromobenzene

Concen: 20.653 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:156 Resp: 82273

Ion Ratio Lower Upper

156 100

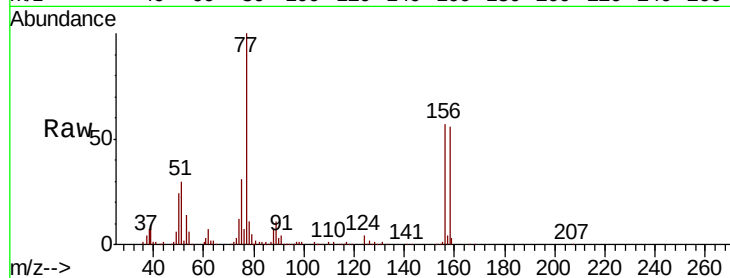
77 204.9 102.6 307.7

158 97.6 47.6 142.8

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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

120000

100000

80000

60000

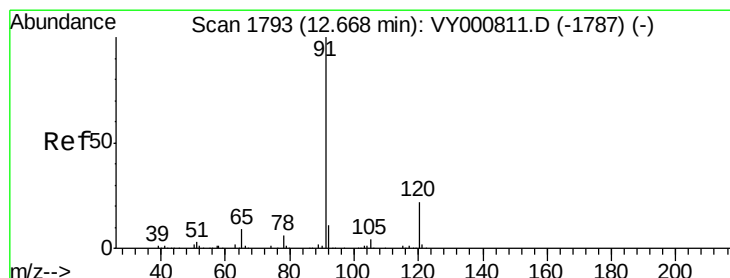
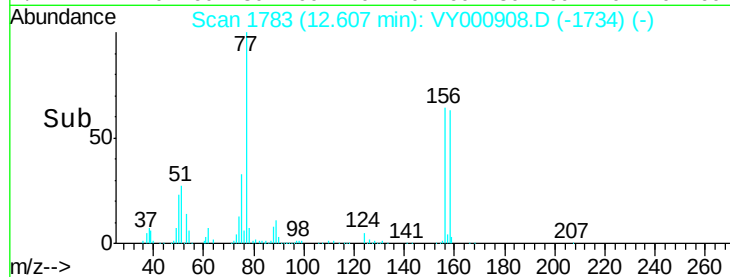
40000

20000

0

12.55 12.60 12.65

Time-->



#78

n-propylbenzene

Concen: 20.799 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000908.D

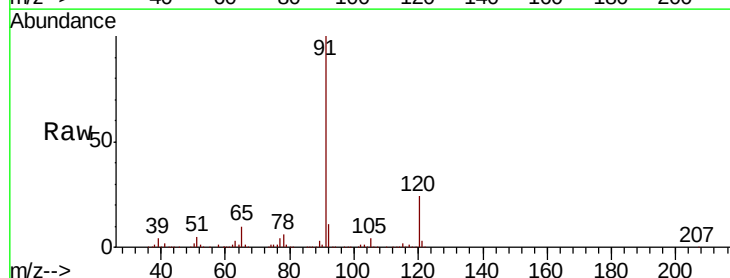
Acq: 09 Dec 2019 12:09

Tgt Ion: 91 Resp: 466731

Ion Ratio Lower Upper

91 100

120 23.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

300000

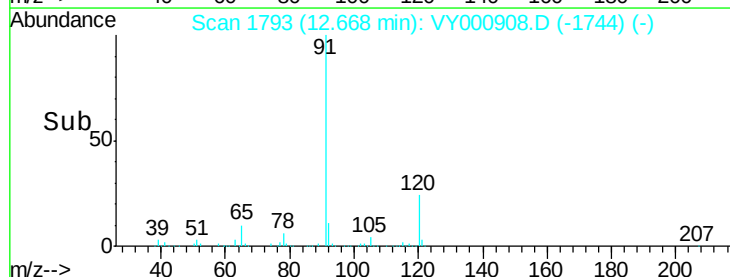
200000

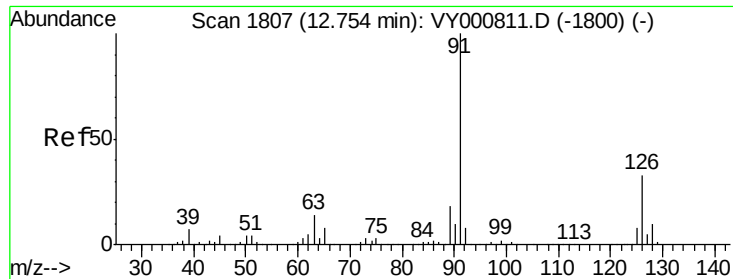
100000

0

12.60 12.65 12.70

Time-->





#79

2-Chlorotoluene

Concen: 20.679 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 91 Resp: 256353

Ion Ratio Lower Upper

91 100

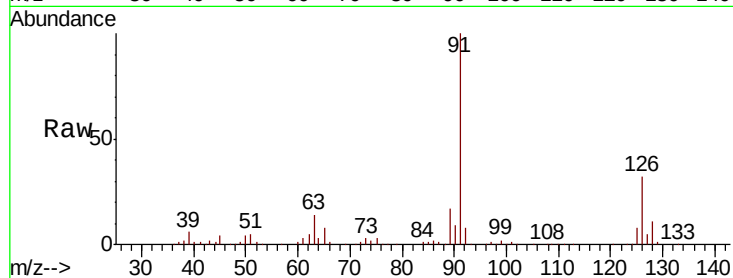
126 34.0 17.0 51.0

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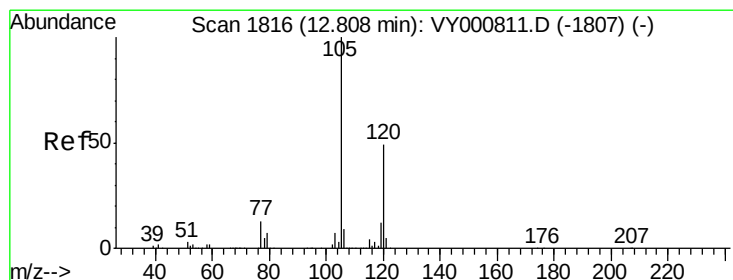
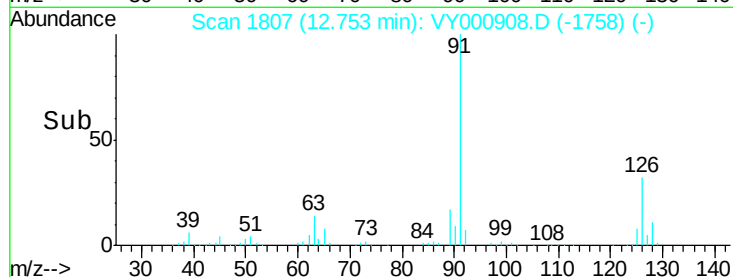
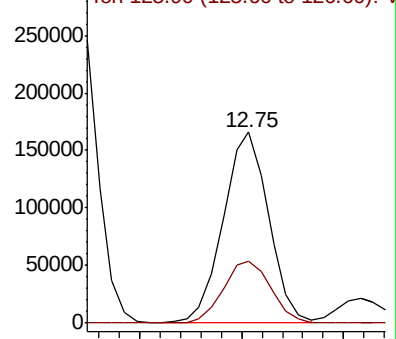
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Abundance Ion 91.00 (90.70 to 91.70): VY000908.D (-1758) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.603 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000908.D

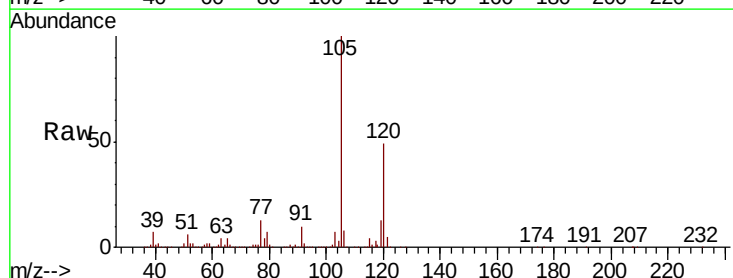
Acq: 09 Dec 2019 12:09

Tgt Ion: 105 Resp: 313506

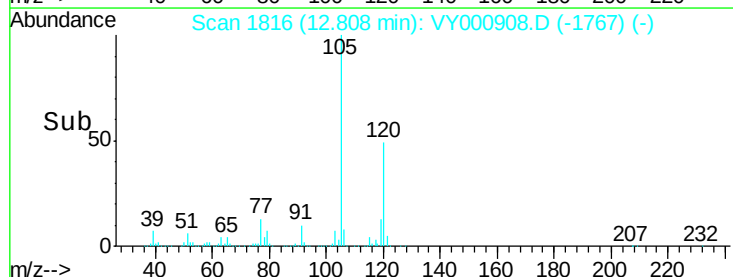
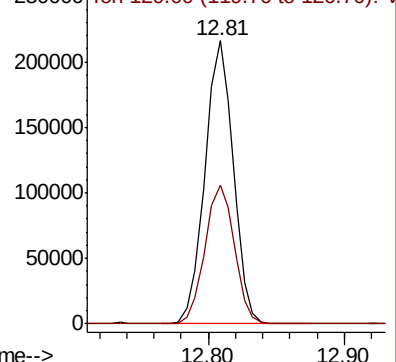
Ion Ratio Lower Upper

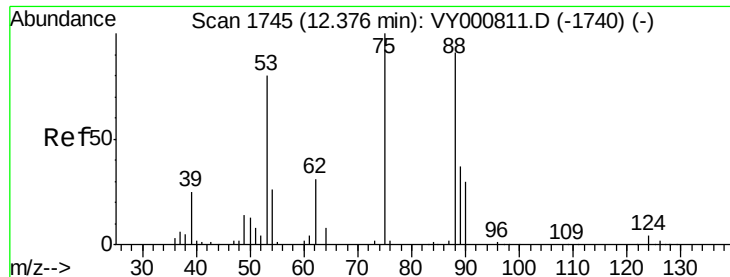
105 100

120 50.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VY000908.D (-1767) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.588 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 75 Resp: 27409

Ion Ratio Lower Upper

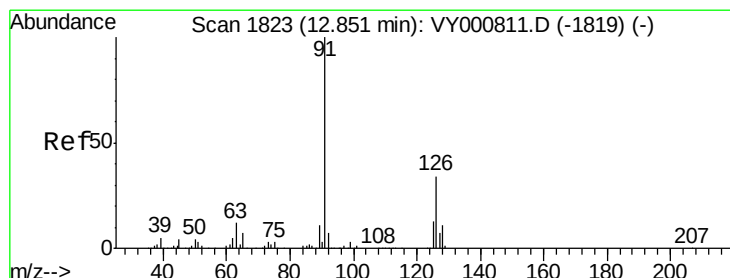
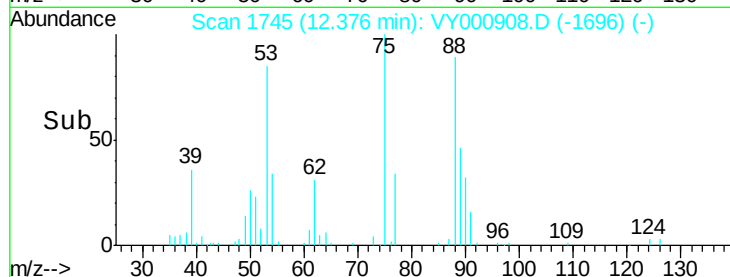
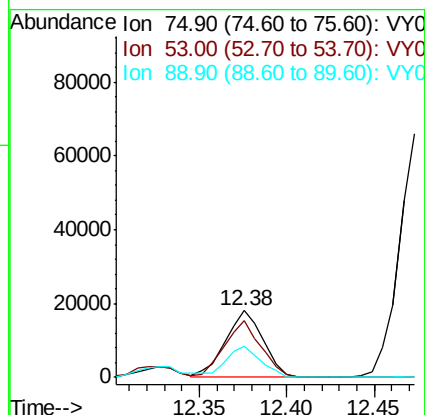
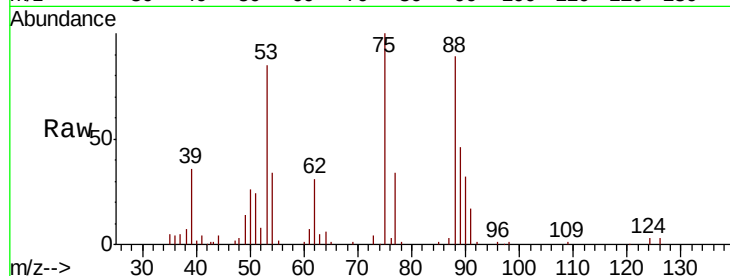
75 100

53 82.1 64.6 96.8

89 42.5 33.6 50.4

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#82

4-Chlorotoluene

Concen: 21.007 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.00 min

Lab File: VY000908.D

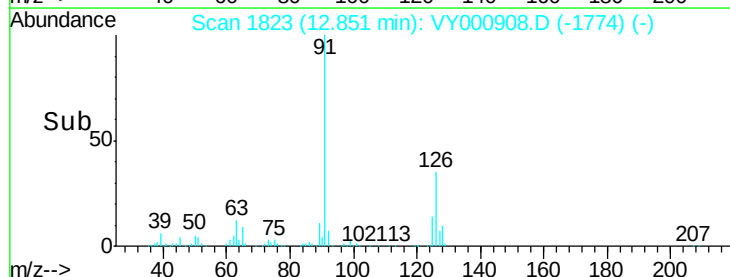
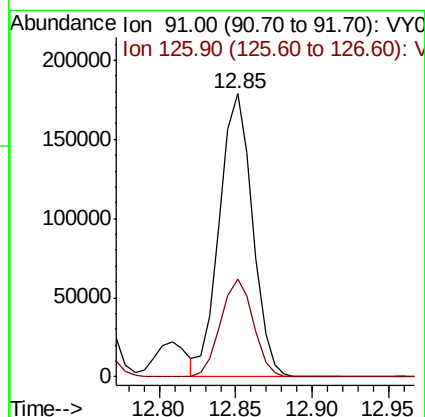
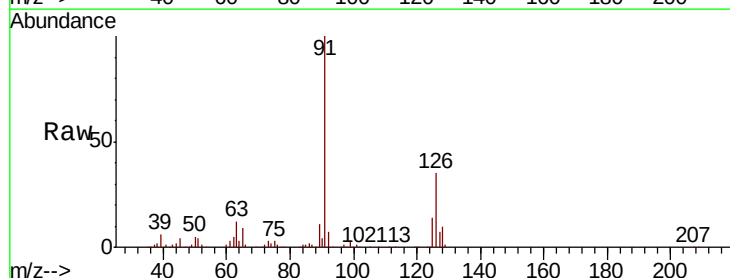
Acq: 09 Dec 2019 12:09

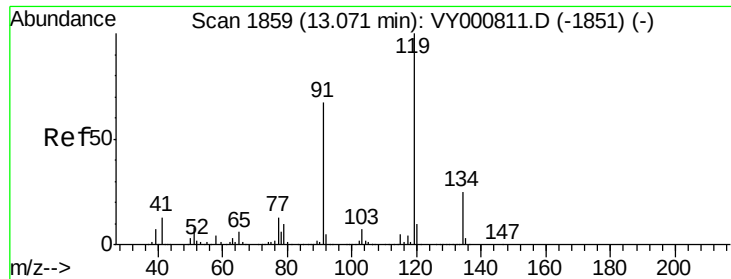
Tgt Ion: 91 Resp: 268306

Ion Ratio Lower Upper

91 100

126 34.4 17.3 51.9





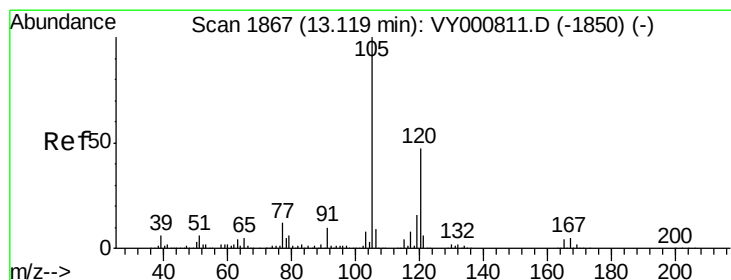
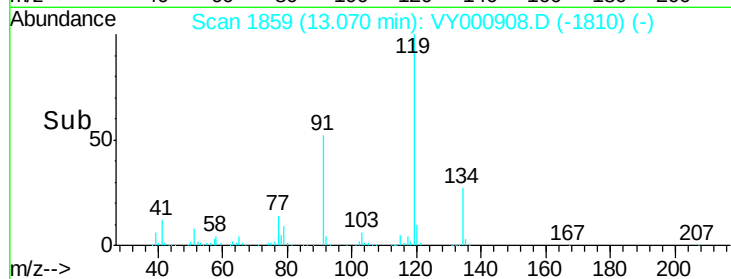
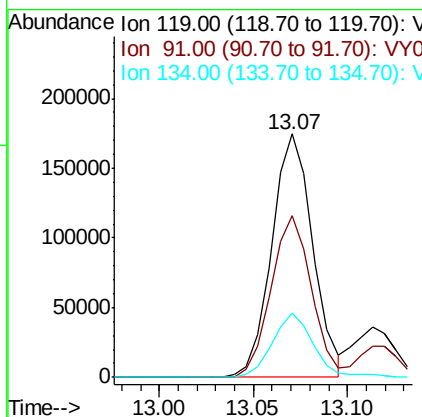
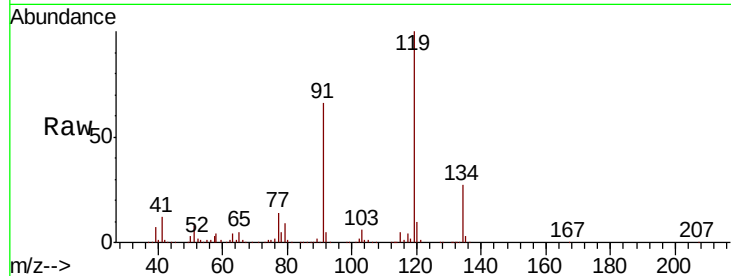
#83
 tert-Butylbenzene
 Concen: 20.556 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	262982		
91	65.1	32.3	96.8	
134	26.6	12.9	38.7	

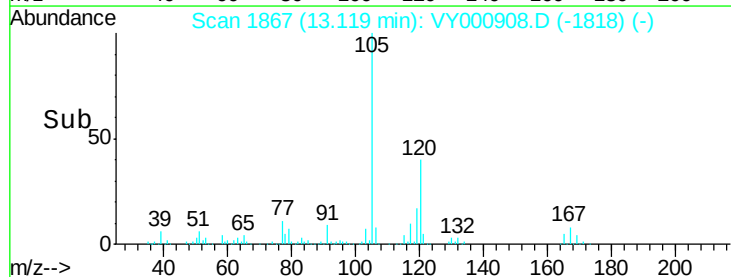
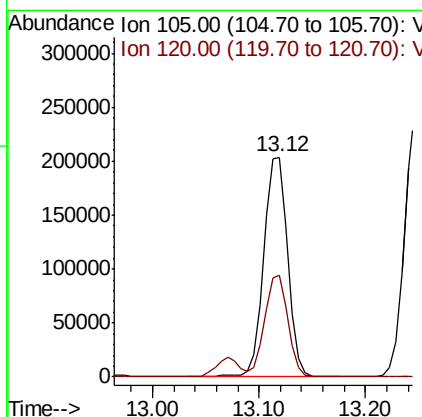
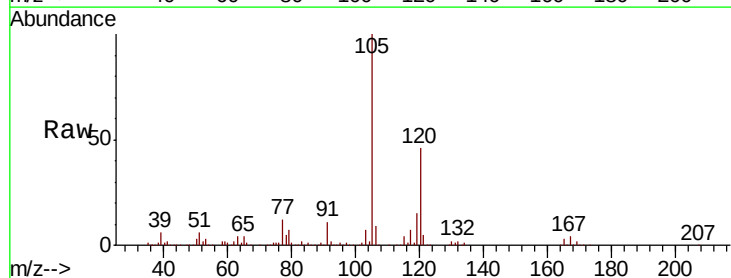
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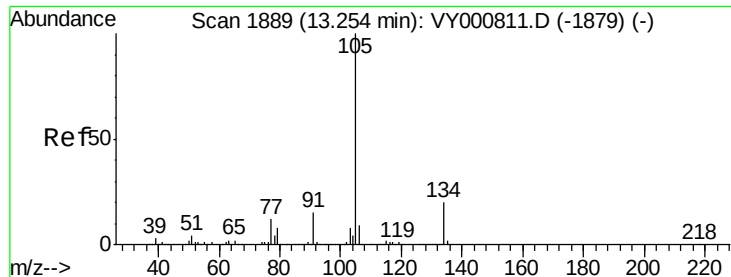
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.064 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	320672		
120	45.0	22.6	67.8	





#85

sec-Butylbenzene

Concen: 21.160 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:105 Resp: 393704

Ion Ratio Lower Upper

105 100

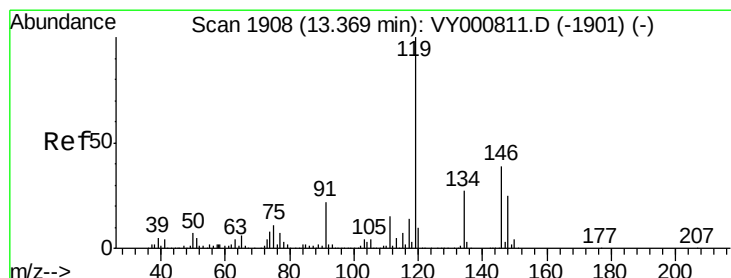
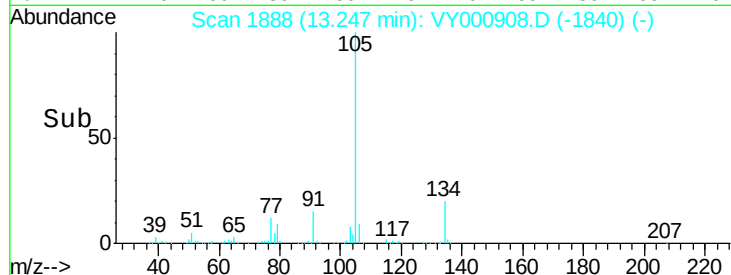
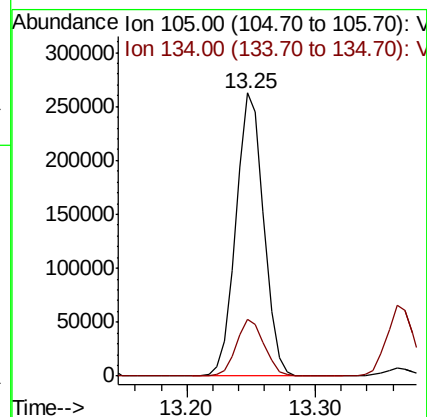
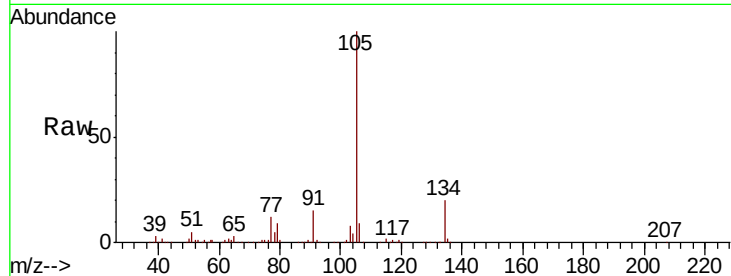
134 20.1 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 21.270 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

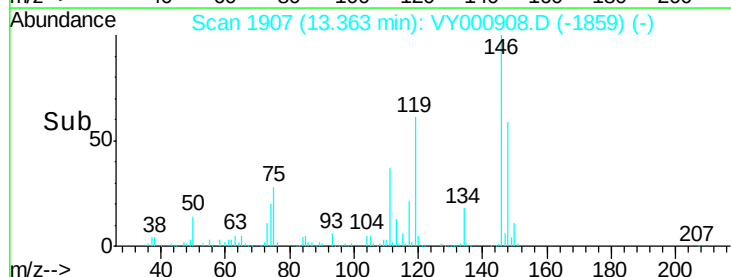
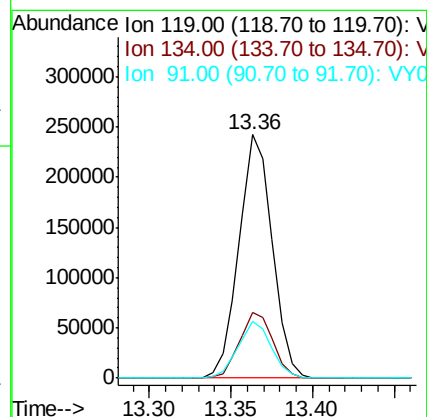
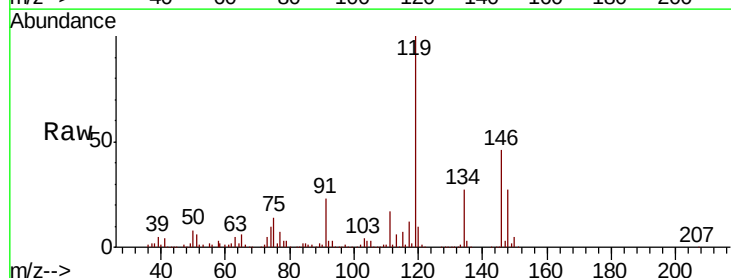
Tgt Ion:119 Resp: 344203

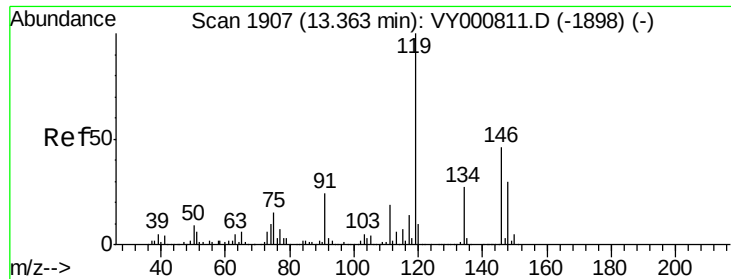
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 23.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 21.006 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

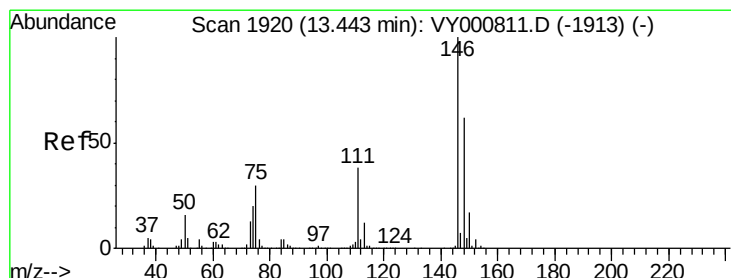
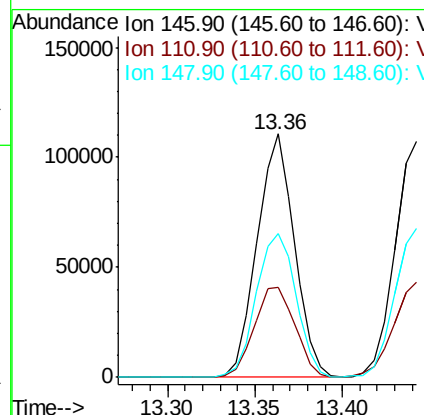
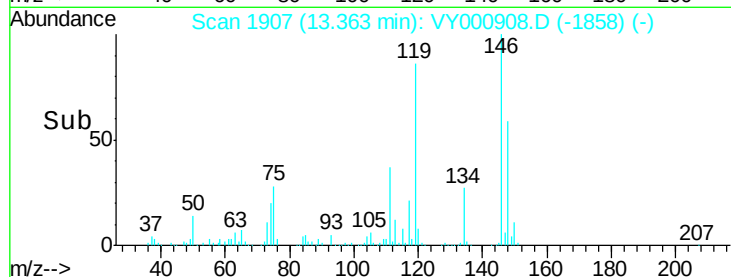
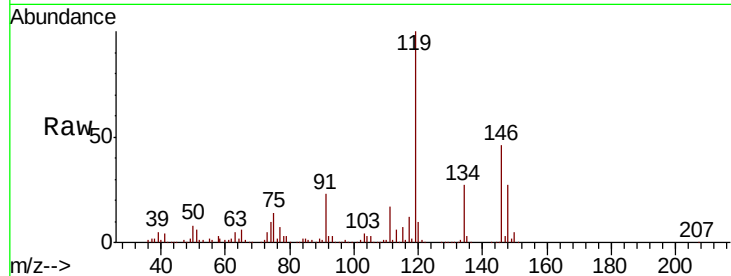
ClientSampleId :

VY1209SBS01

Tot Ion:	146	Resp:	164158
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.0	60.0
148	63.0	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 21.259 ug/l

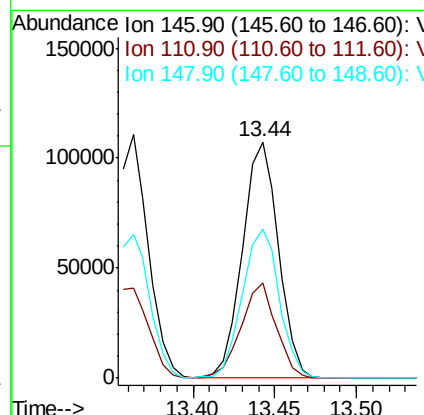
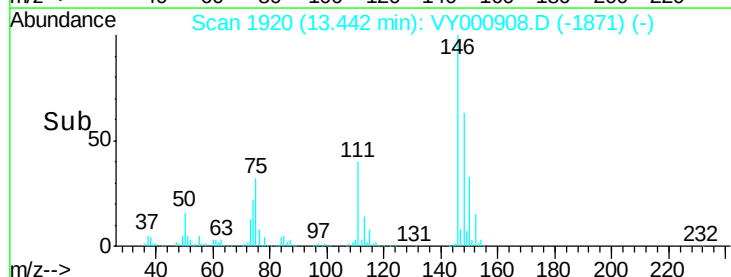
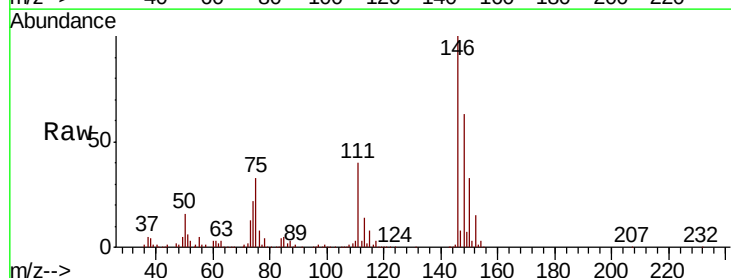
RT: 13.44 min Scan# 1920

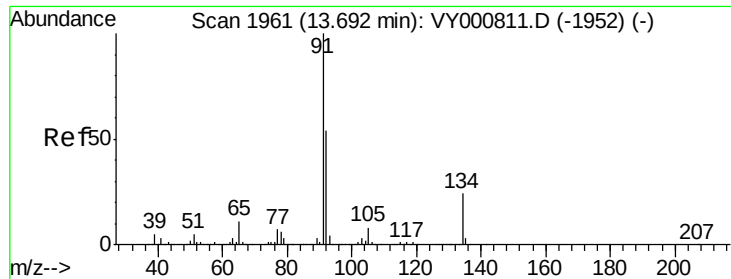
Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion:	146	Resp:	164501
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.0	59.9
148	65.1	31.7	95.1





#89

n-Butylbenzene

Concen: 21.357 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. -0.00 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Instrument :

MSVOA_Y

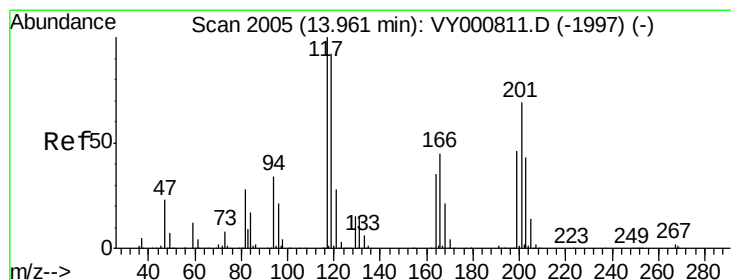
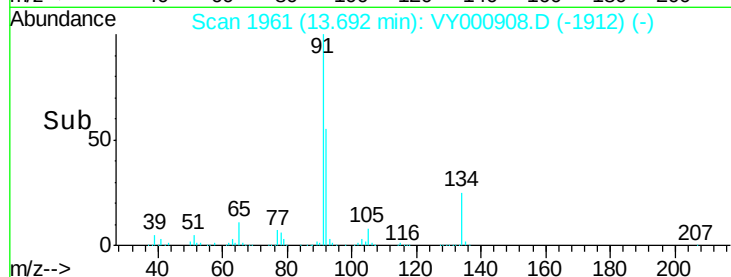
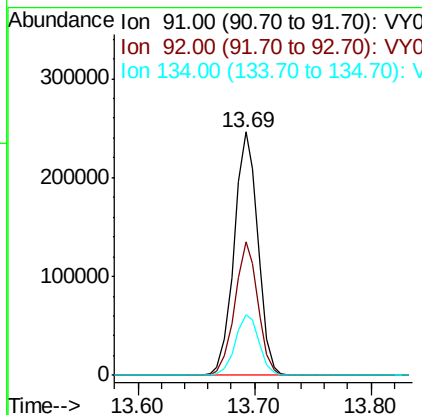
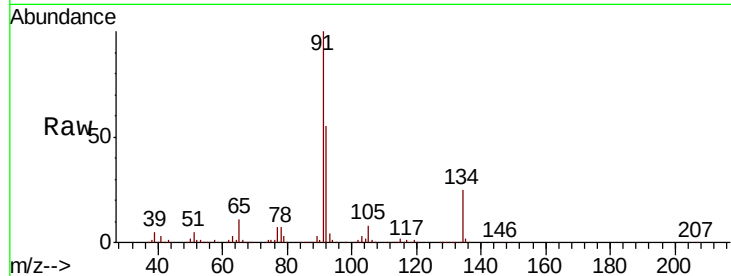
ClientSampleId :

VY1209SBS01

Tot Ion:	91	Resp:	349433
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.9	80.7
134	24.9	12.6	37.6

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#90

Hexachloroethane

Concen: 21.011 ug/l

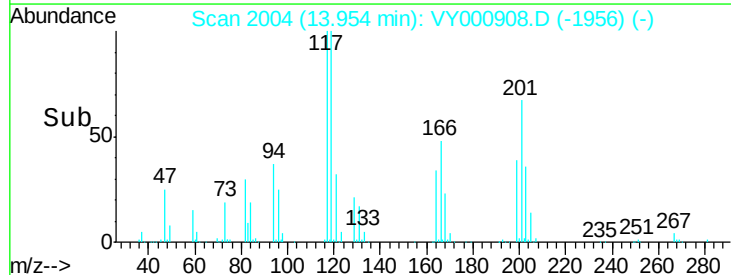
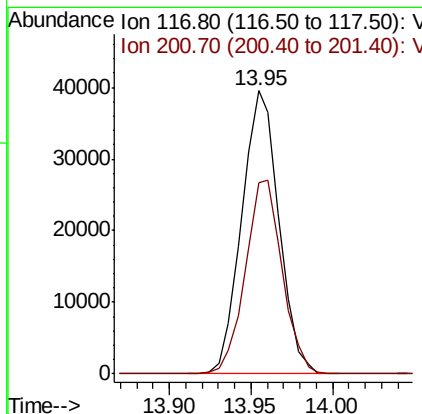
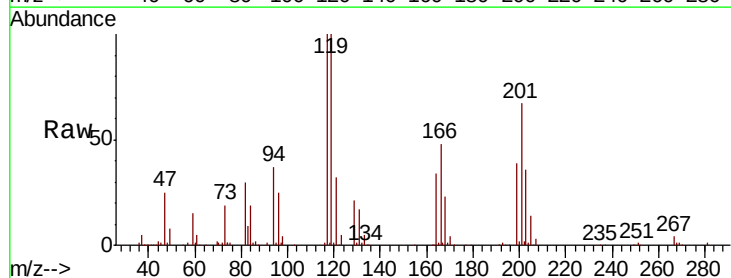
RT: 13.95 min Scan# 2004

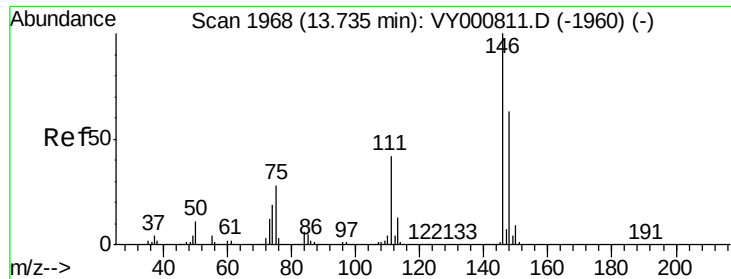
Delta R.T. -0.01 min

Lab File: VY000908.D

Acq: 09 Dec 2019 12:09

Tgt Ion:	117	Resp:	62636
Ion	Ratio	Lower	Upper
117	100		
201	67.9	34.0	102.0





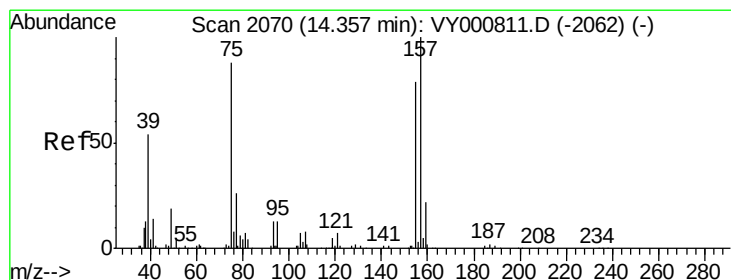
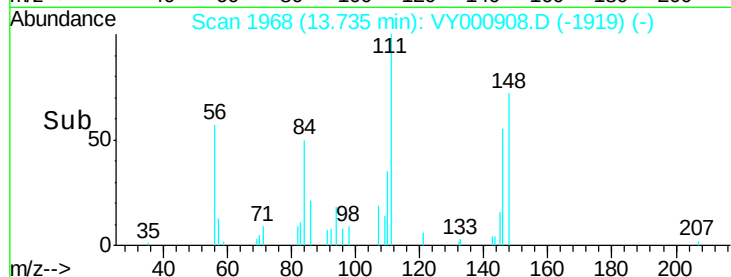
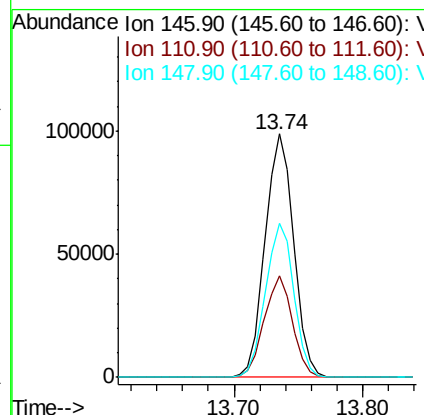
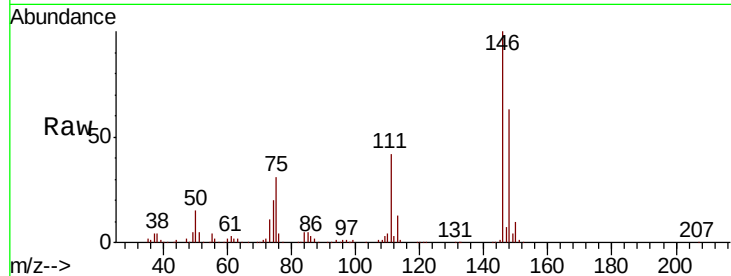
#91
 1,2-Dichlorobenzene
 Concen: 21.570 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.9	62.7
148	62.8	32.1	96.3

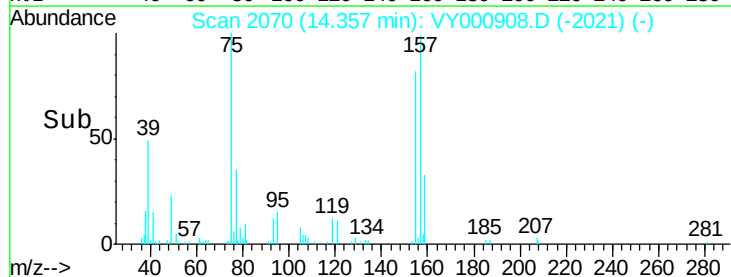
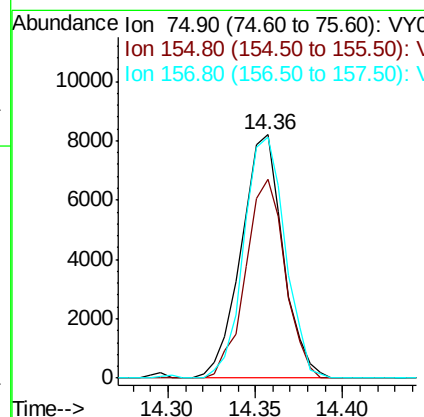
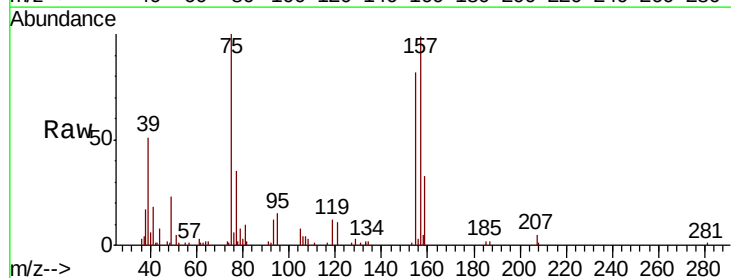
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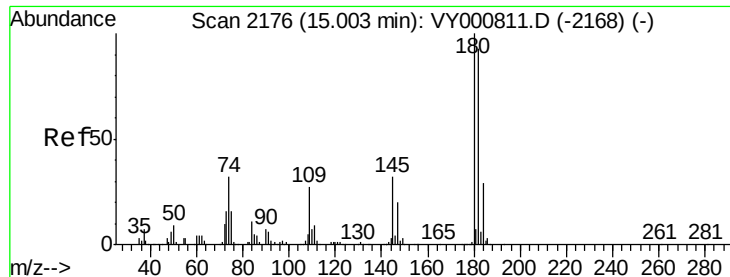
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.496 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.0	44.3	132.9
157	97.9	56.3	168.9





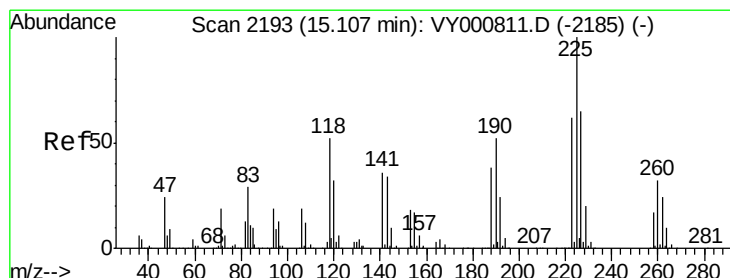
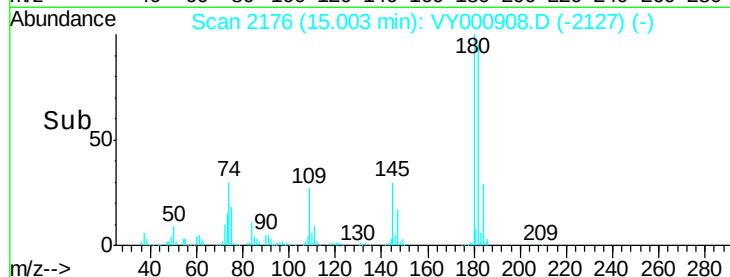
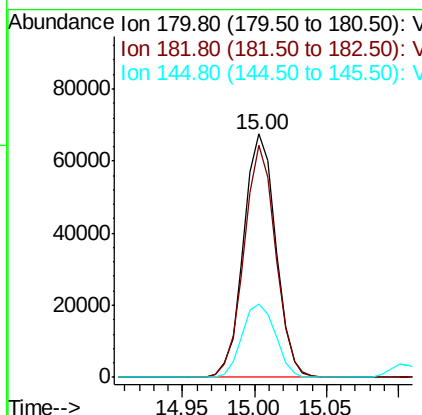
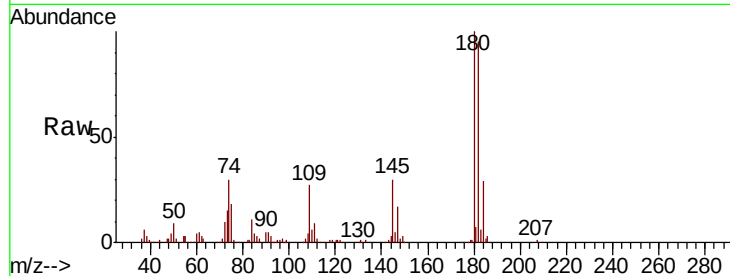
#93
 1,2,4-Trichlorobenzene
 Concen: 21.918 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	93.5	47.3	141.9	
145	31.5	16.0	47.9	

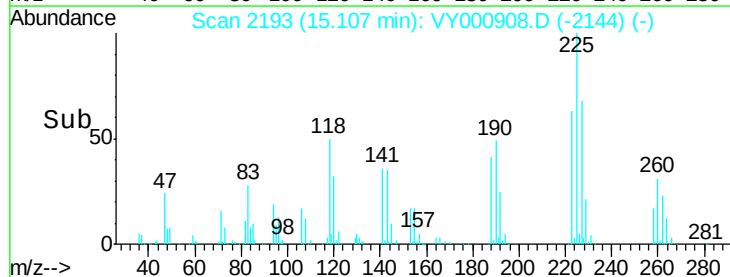
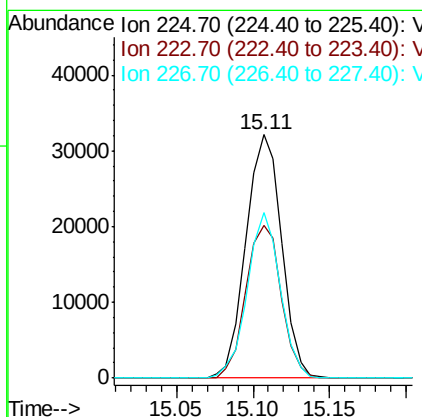
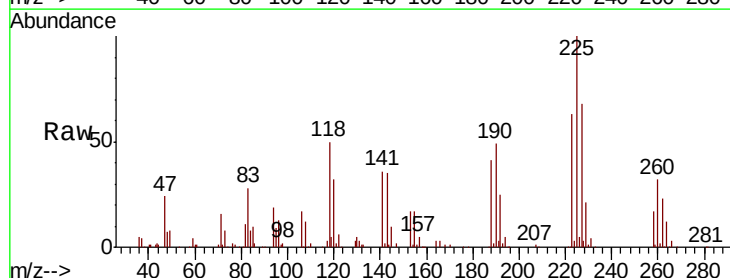
Manual Integrations
 APPROVED

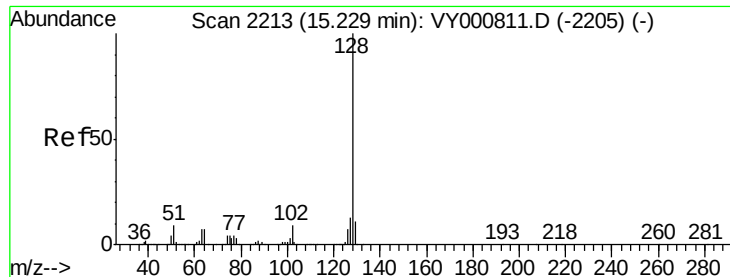
apatel
 12/10/2019 4:08:56 PM



#94
 Hexachlorobutadiene
 Concen: 22.102 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000908.D
 Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	31.4	94.3	
227	62.8	31.8	95.3	





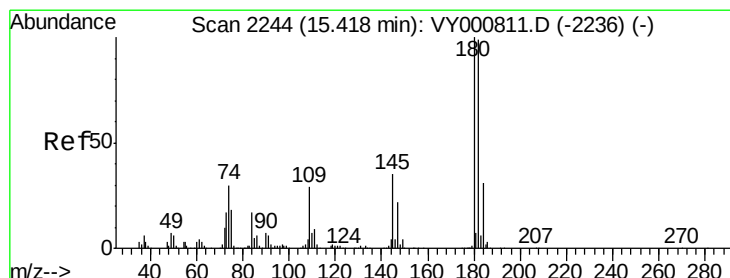
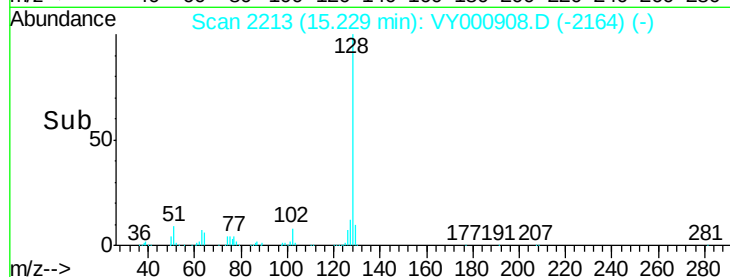
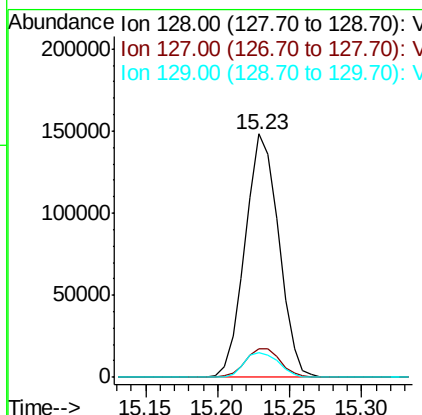
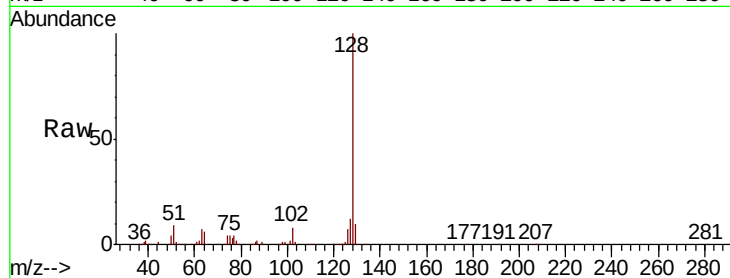
#95
Naphthalene
Concen: 21.670 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	239339		
127	12.3		10.1	15.1
129	10.5		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.204 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000908.D
Acq: 09 Dec 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94338		
182	91.5		48.0	144.0
145	32.2		16.9	50.6

