

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000909.D
 Acq On : 09 Dec 2019 12:30
 Operator : SY/MD
 Sample : VY1209SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Manual Integrations
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 12/10/2019 4:08:59 PM

Quant Time: Dec 10 06:59:24 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	337671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	585585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	516411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	244430	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	166333	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	
35) Dibromofluoromethane	7.73	113	162650	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	10.18	98	671373	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.48	95	233183	45.51	ug/l	0.00
Spiked Amount			Recovery	=	91.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	66642	18.334	ug/l	99
3) Chloromethane	2.11	50	79561	17.757	ug/l	99
4) Vinyl Chloride	2.25	62	80507	18.231	ug/l	99
5) Bromomethane	2.65	94	43268	14.838	ug/l	91
6) Chloroethane	2.79	64	48530	17.924	ug/l	99
7) Trichlorofluoromethane	3.13	101	121628	20.098	ug/l	90
8) Diethyl Ether	3.53	74	45262	19.871	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	75082	20.090	ug/l	99
10) Methyl Iodide	4.10	142	93267	19.822	ug/l	97
11) Tert butyl alcohol	4.99	59	32865	91.043	ug/l #	84
12) 1,1-Dichloroethene	3.88	96	74934	20.239	ug/l	85
13) Acrolein	3.73	56	37413	105.213	ug/l	100
14) Allyl chloride	4.49	41	121097	19.075	ug/l	98
15) Acrylonitrile	5.18	53	116439	98.998	ug/l	98
16) Acetone	3.96	43	80327	97.592	ug/l	99
17) Carbon Disulfide	4.19	76	232705	19.434	ug/l	98
18) Methyl Acetate	4.49	43	62582	18.184	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	197440	19.968	ug/l	99
20) Methylene Chloride	4.72	84	101685	23.437	ug/l	90
21) trans-1,2-Dichloroethene	5.22	96	84755	20.141	ug/l	98
22) Diisopropyl ether	6.13	45	256831	19.684	ug/l	99
23) Vinyl Acetate	6.07	43	789717	99.559	ug/l	99
24) 1,1-Dichloroethane	6.03	63	141051	19.614	ug/l	99
25) 2-Butanone	7.00	43	142368	93.634	ug/l	96
26) 2,2-Dichloropropane	6.99	77	119607	19.761	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	92191	20.267	ug/l	96
28) Bromochloromethane	7.35	49	32694	13.915	ug/l	98
29) Tetrahydrofuran	7.36	42	98632	97.893	ug/l	99
30) Chloroform	7.52	83	137204	19.019	ug/l	97
31) Cyclohexane	7.79	56	146466	19.226	ug/l	90
32) 1,1,1-Trichloroethane	7.71	97	116947	19.631	ug/l	99
36) 1,1-Dichloropropene	7.93	75	115029	19.756	ug/l	99
37) Ethyl Acetate	7.08	43	65053	19.350	ug/l	99
38) Carbon Tetrachloride	7.91	117	101028	19.484	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	151108	19.589	ug/l	94
40) Benzene	8.17	78	336782	19.858	ug/l	97
41) Methacrylonitrile	7.33	41	33729m	19.035	ug/l	
42) 1,2-Dichloroethane	8.25	62	86211	19.329	ug/l	99
43) Isopropyl Acetate	8.28	43	122999	19.414	ug/l	99
44) Trichloroethene	8.94	130	88391	20.279	ug/l	99
45) 1,2-Dichloropropane	9.22	63	85881	20.160	ug/l	98
46) Dibromomethane	9.31	93	44582	20.029	ug/l	98
47) Bromodichloromethane	9.50	83	102133	19.533	ug/l	96
48) Methyl methacrylate	9.30	41	52330	18.783	ug/l	94
49) 1,4-Dioxane	9.31	88	12024	381.251	ug/l	92
51) 4-Methyl-2-Pentanone	10.07	43	318433	97.278	ug/l	98
52) Toluene	10.24	92	207994	19.807	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112756	20.072	ug/l	98
54) cis-1,3-Dichloropropene	9.93	75	132656	19.978	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	66209	20.133	ug/l	97
56) Ethyl methacrylate	10.51	69	92925	19.753	ug/l	100
57) 1,3-Dichloropropane	10.79	76	119736	20.891	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	191740	101.084	ug/l	99
59) 2-Hexanone	10.83	43	221293	92.774	ug/l	99
60) Dibromochloromethane	10.99	129	69029	19.499	ug/l	98
61) 1,2-Dibromoethane	11.08	107	62848	20.279	ug/l	99
64) Tetrachloroethene	10.72	164	94178	20.990	ug/l	98
65) Chlorobenzene	11.51	112	216329	20.153	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.58	131	72622	20.075	ug/l	99
67) Ethyl Benzene	11.59	91	400169	20.017	ug/l	99
68) m/p-Xylenes	11.70	106	305971	40.776	ug/l	99
69) o-Xylene	12.03	106	143320	20.485	ug/l	99
70) Styrene	12.04	104	242457	20.239	ug/l	100
71) Bromoform	12.20	173	40781	19.988	ug/l #	99
73) Isopropylbenzene	12.33	105	381927	19.624	ug/l	99
74) N-amyl acetate	12.14	43	104553	19.301	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	75694	19.739	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	53442m	19.298	ug/l	
77) Bromobenzene	12.61	156	84626	20.060	ug/l	99
78) n-propylbenzene	12.67	91	472109	19.867	ug/l	100
79) 2-Chlorotoluene	12.75	91	261424	19.913	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	321331	19.941	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	28566	20.262	ug/l	98
82) 4-Chlorotoluene	12.85	91	274846	20.321	ug/l	98
83) tert-Butylbenzene	13.07	119	274592	20.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	321871	19.965	ug/l	100
85) sec-Butylbenzene	13.25	105	395550	20.075	ug/l	99
86) p-Isopropyltoluene	13.36	119	345090	20.136	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	165663	20.018	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	166253	20.289	ug/l	98
89) n-Butylbenzene	13.69	91	349223	20.155	ug/l	99
90) Hexachloroethane	13.95	117	62880	19.918	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	153726	20.651	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12275	19.120	ug/l	91

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ClientSampleId :
VY1209SBSD01

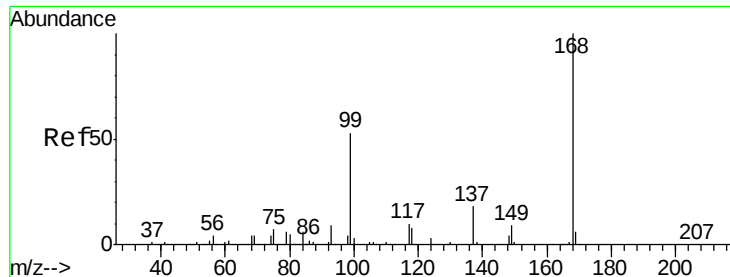
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	105153	20.875	ug/l	99
94) Hexachlorobutadiene	15.11	225	53165	21.288	ug/l	98
95) Naphthalene	15.23	128	250820	21.444	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94709	21.050	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 168 Resp: 337671

Ion Ratio Lower Upper

168 100

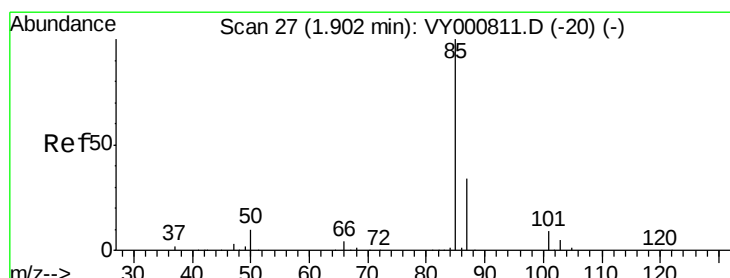
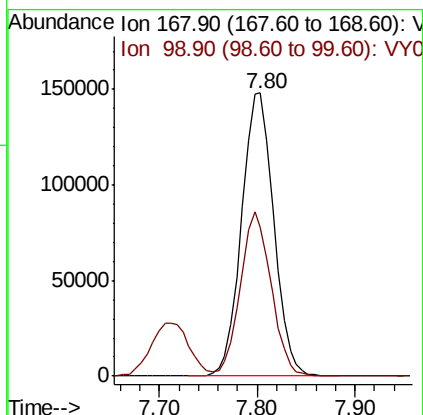
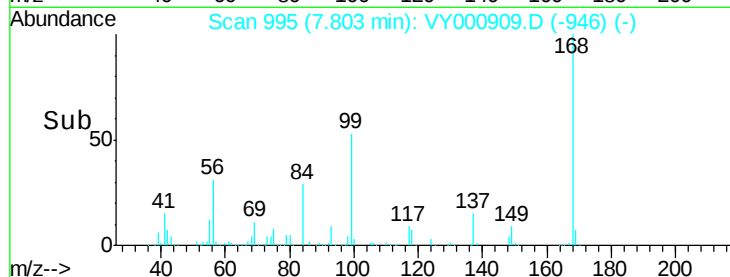
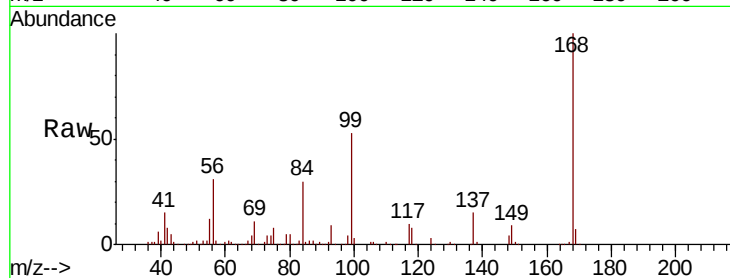
99 52.6 45.0 67.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.334 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000909.D

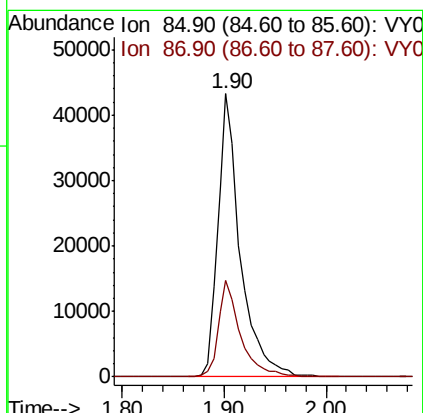
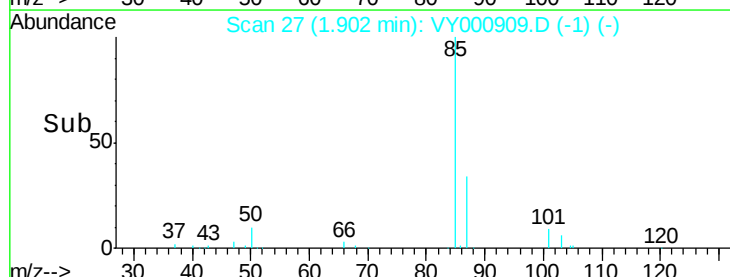
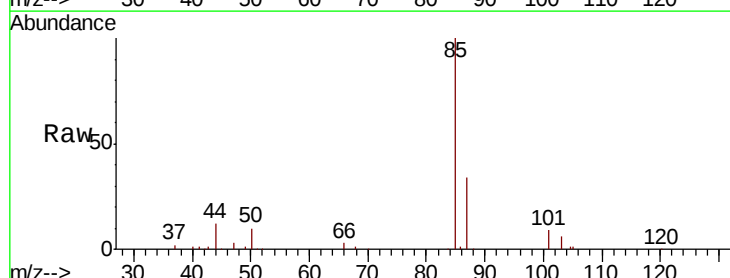
Acq: 09 Dec 2019 12:30

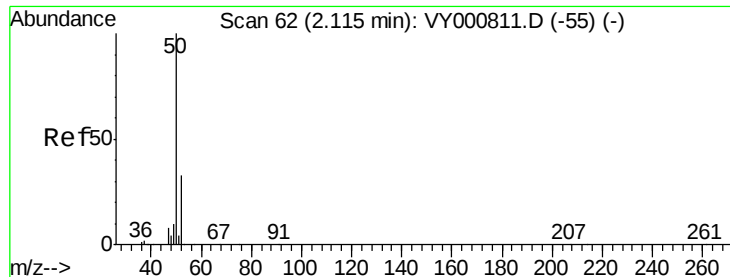
Tgt Ion: 85 Resp: 66642

Ion Ratio Lower Upper

85 100

87 33.9 16.8 50.3





#3

Chloromethane

Concen: 17.757 ug/l

RT: 2.11 min Scan# 61

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 50 Resp: 79561

Ion Ratio Lower Upper

50 100

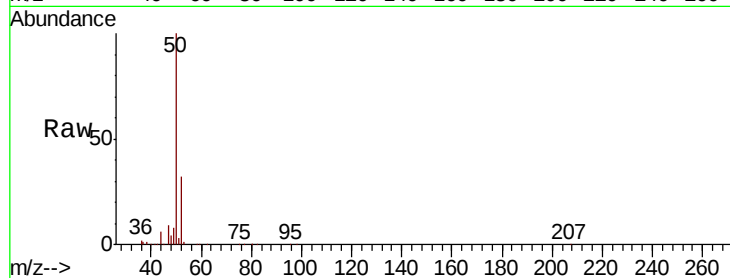
52 32.0 26.0 39.0

Manual Integrations

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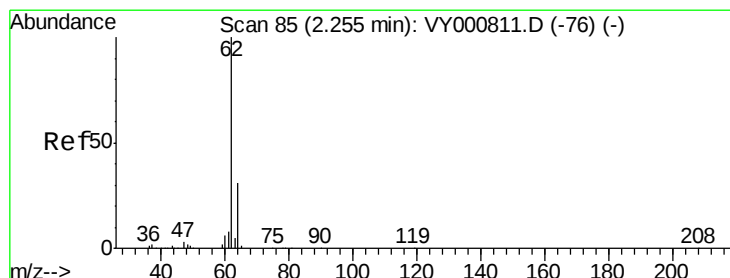
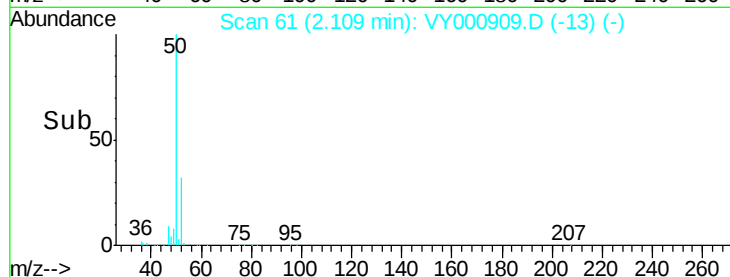
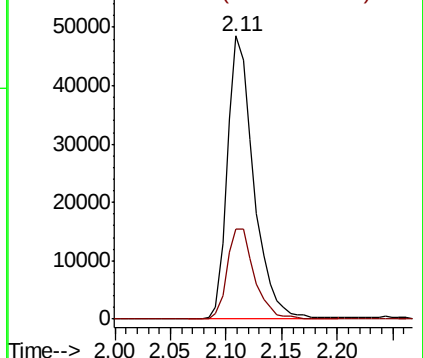
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.231 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000909.D

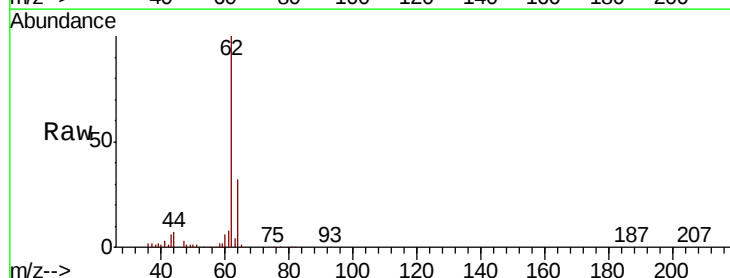
Acq: 09 Dec 2019 12:30

Tgt Ion: 62 Resp: 80507

Ion Ratio Lower Upper

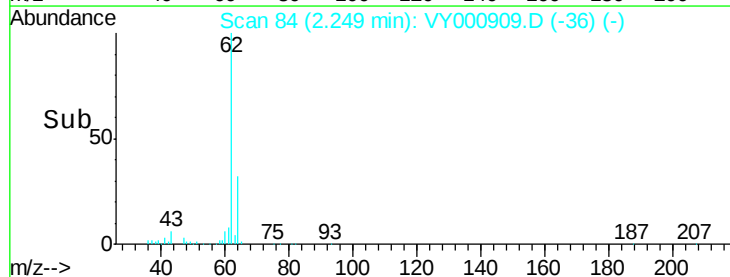
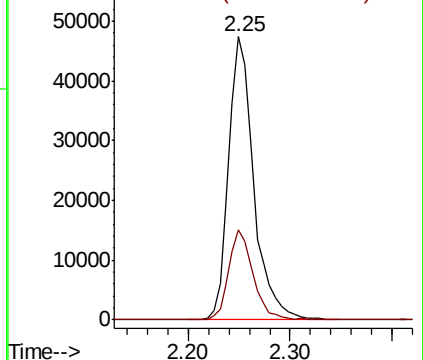
62 100

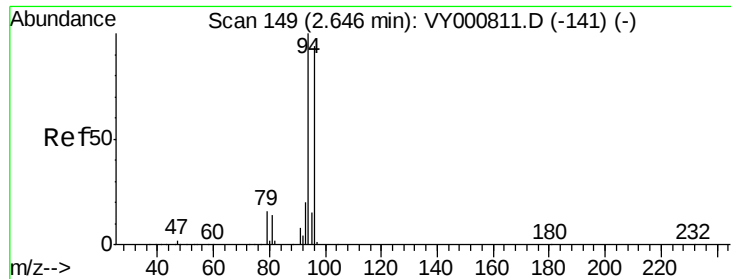
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 14.838 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 94 Resp: 43268

Ion Ratio Lower Upper

94 100

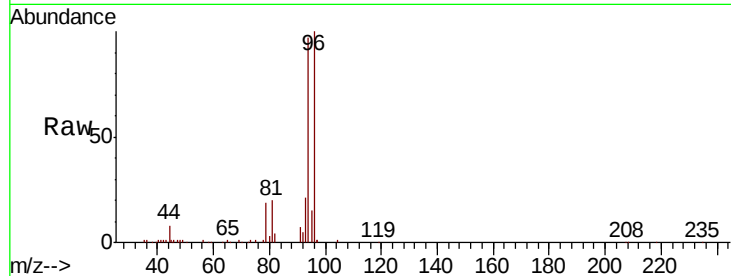
96 102.9 75.2 112.8

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

25000

20000

15000

10000

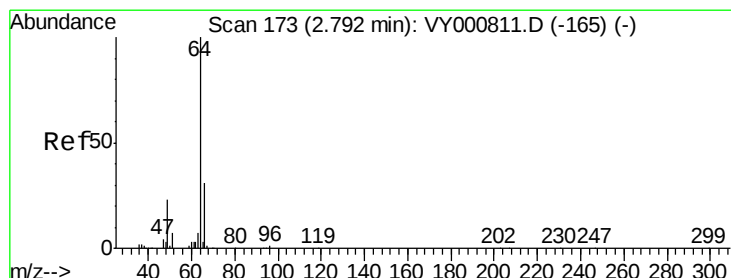
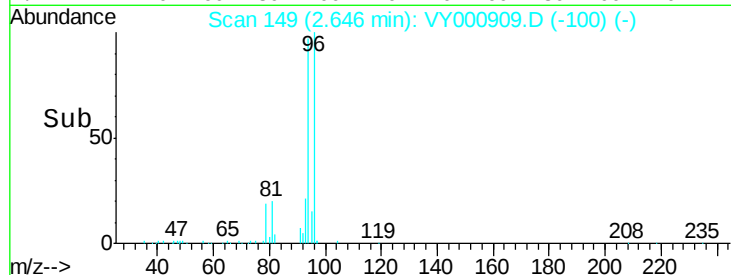
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Time-->

2.55 2.60 2.65 2.70 2.75

2.65



#6

Chloroethane

Concen: 17.924 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000909.D

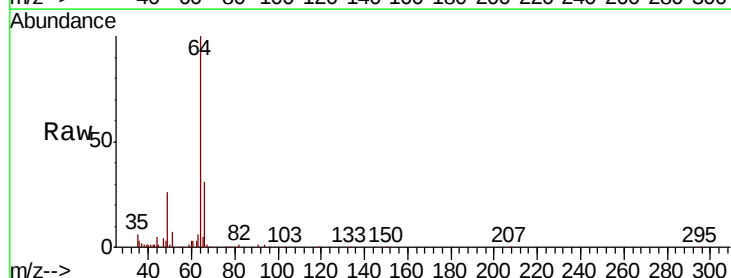
Acq: 09 Dec 2019 12:30

Tgt Ion: 64 Resp: 48530

Ion Ratio Lower Upper

64 100

66 30.8 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

25000

20000

15000

10000

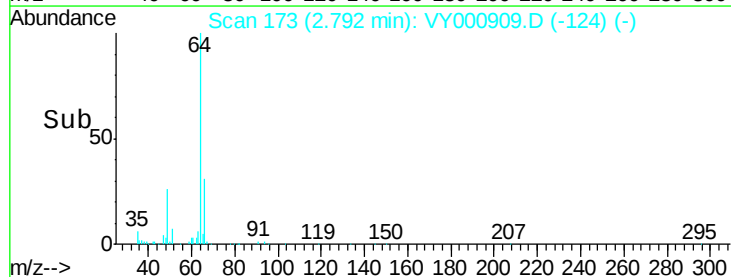
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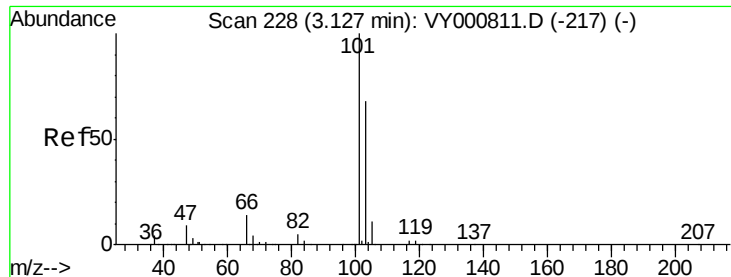
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Time-->

2.70 2.80 2.90

2.79





#7

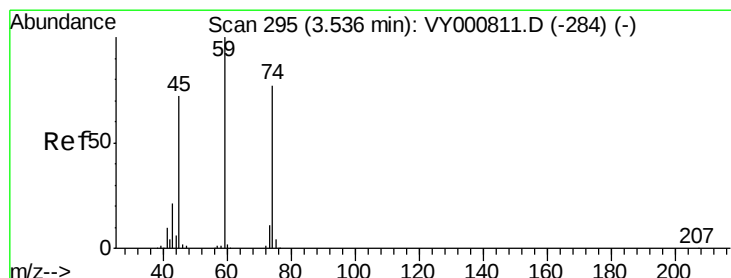
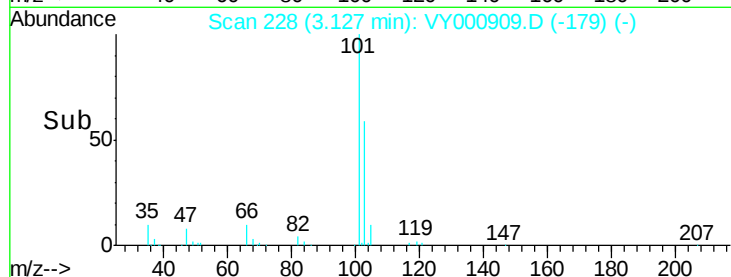
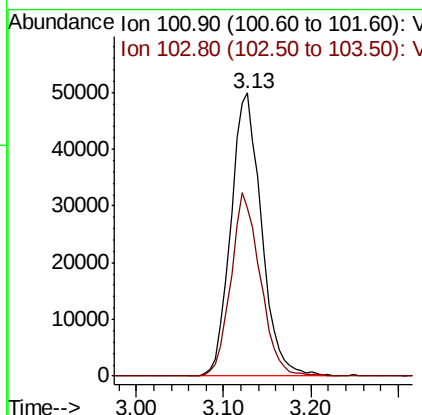
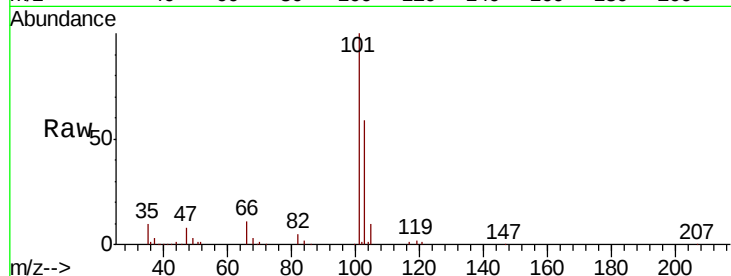
Trichlorofluoromethane
 Concen: 20.098 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000909.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	121628		
103	59.5	54.2	81.2	

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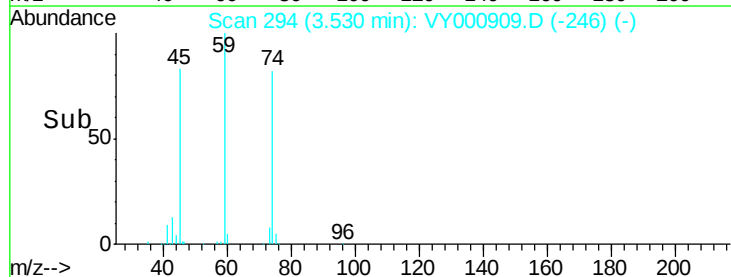
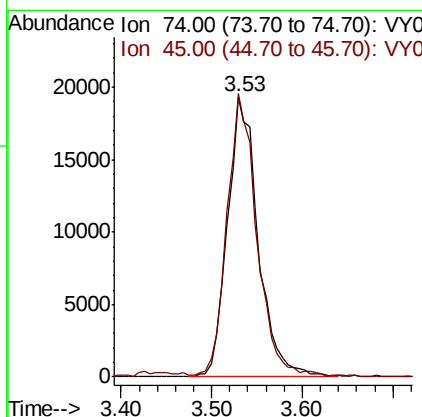
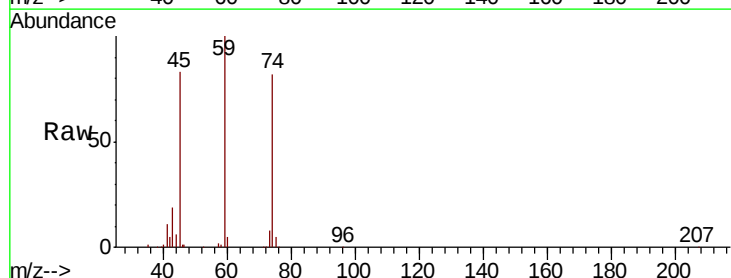
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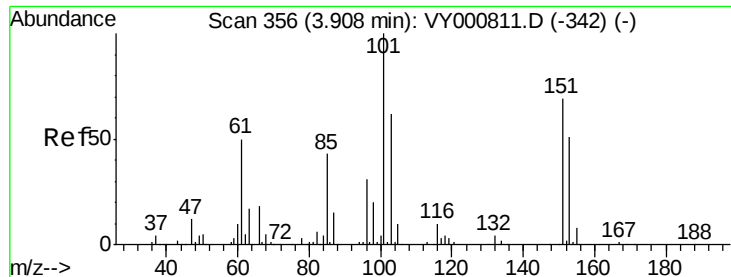


#8

Diethyl Ether
 Concen: 19.871 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	45262		
45	99.1	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.090 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

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Tot Ion:101 Resp: 75082

Ion Ratio Lower Upper

101 100

85 44.8 36.0 54.0

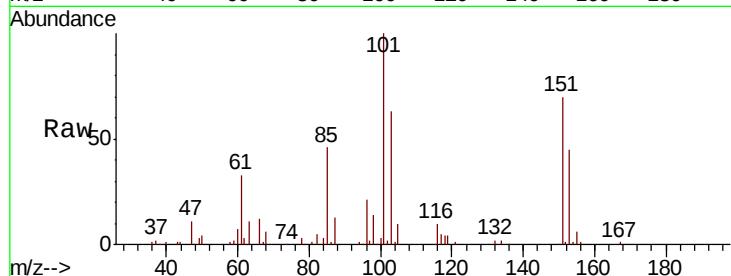
151 73.4 58.2 87.2

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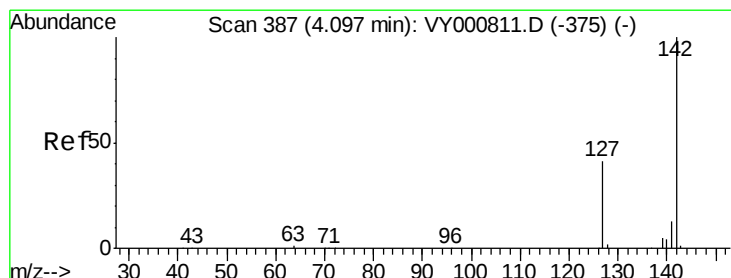
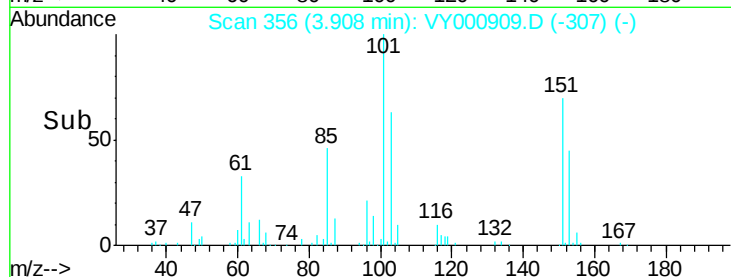
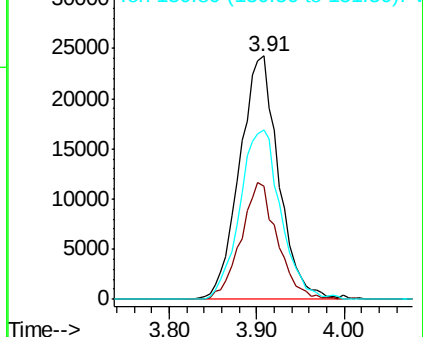
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.822 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

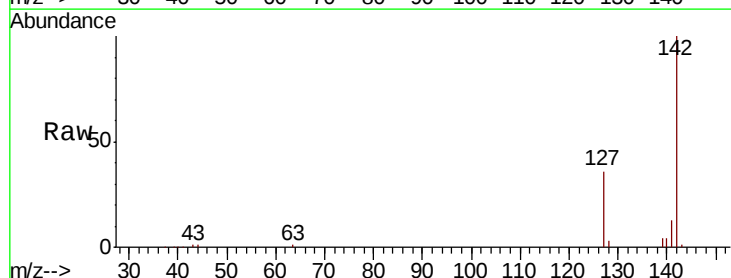
Tgt Ion:142 Resp: 93267

Ion Ratio Lower Upper

142 100

127 39.9 33.8 50.8

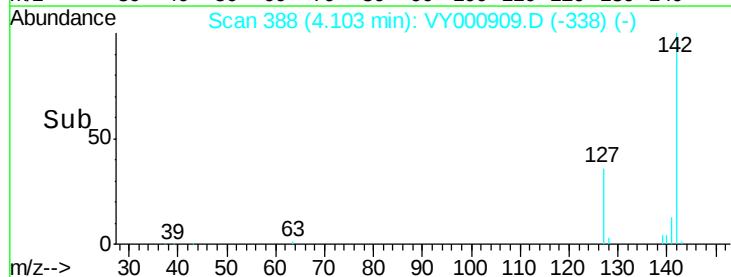
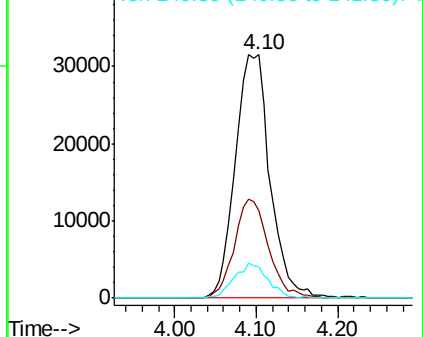
141 13.9 10.9 16.3

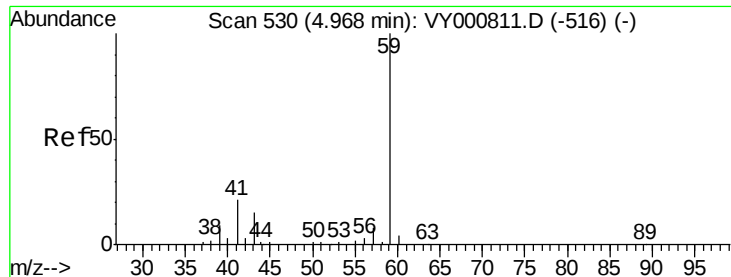


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

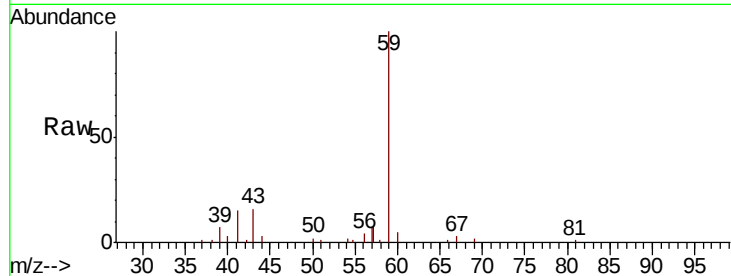
Tert butyl alcohol
 Concen: 91.043 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

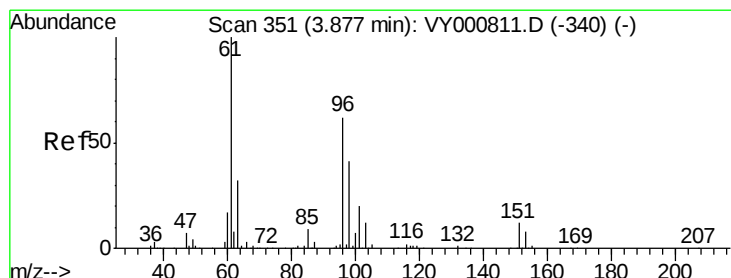
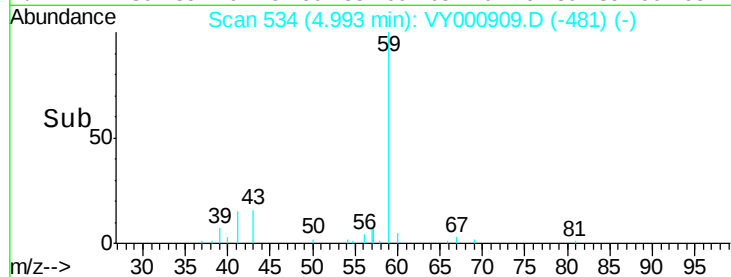
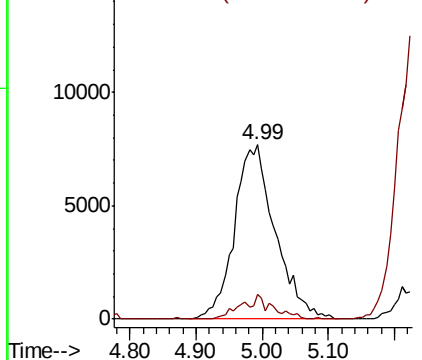
Tot Ion: 59 Resp: 32865
 Ion Ratio Lower Upper
 59 100
 57 3.7 7.8 11.6#

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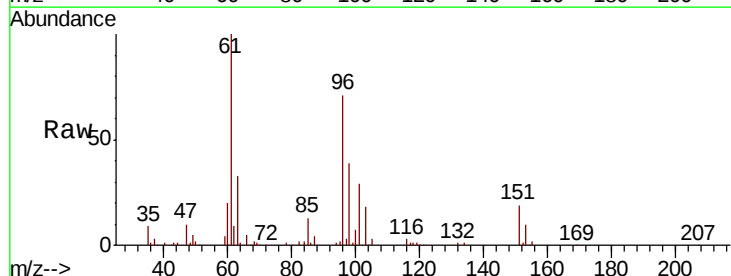
Abundance Ion 59.00 (58.70 to 59.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



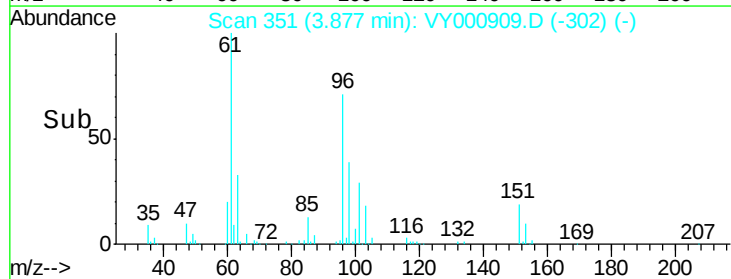
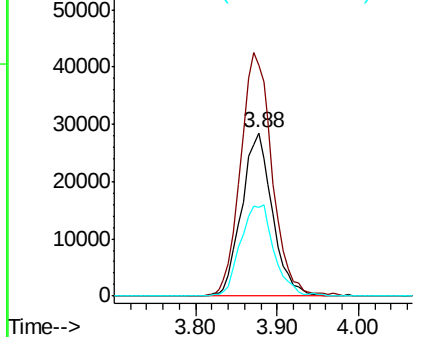
#12

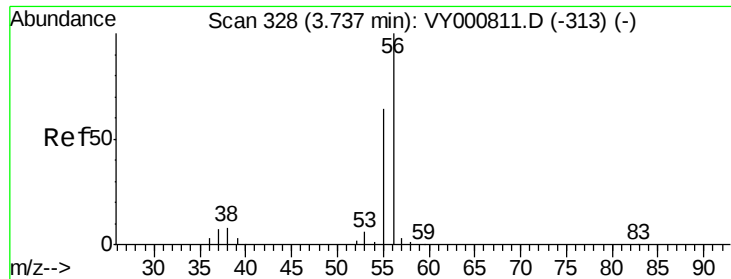
1,1-Dichloroethene
 Concen: 20.239 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion: 96 Resp: 74934
 Ion Ratio Lower Upper
 96 100
 61 141.3 129.4 194.2
 98 54.7 53.4 80.0



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





#13

Acrolein

Concen: 105.213 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 56 Resp: 37413

Ion Ratio Lower Upper

56 100

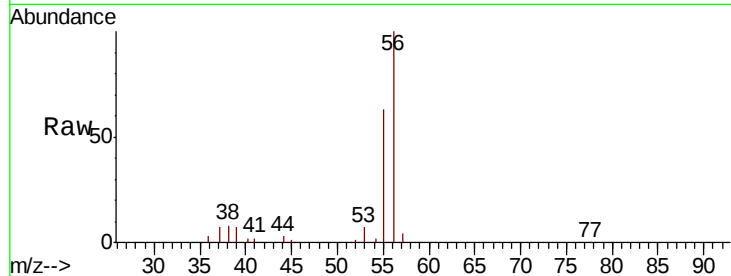
55 69.4 55.7 83.5

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

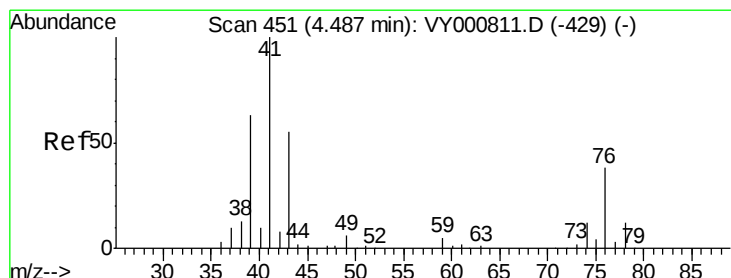
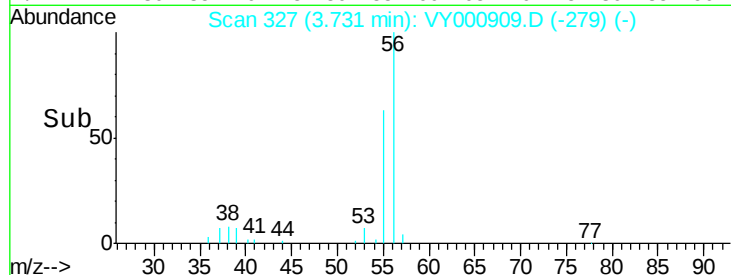
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 19.075 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

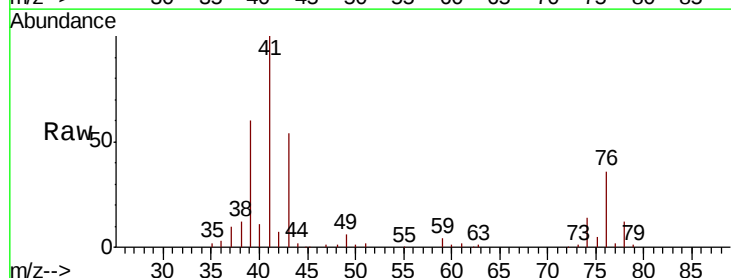
Tgt Ion: 41 Resp: 121097

Ion Ratio Lower Upper

41 100

39 60.3 49.2 73.8

76 38.5 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

4.49

50000

40000

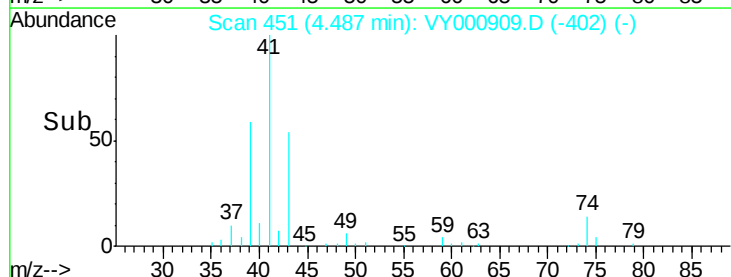
30000

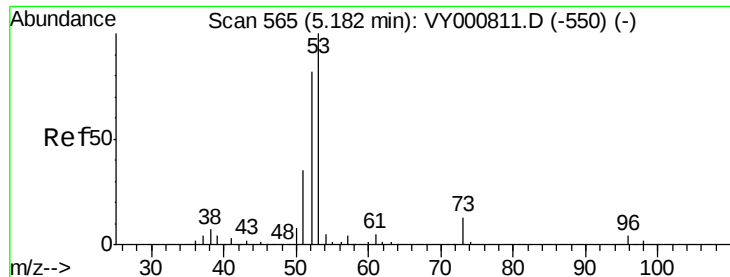
20000

10000

0

Time-->





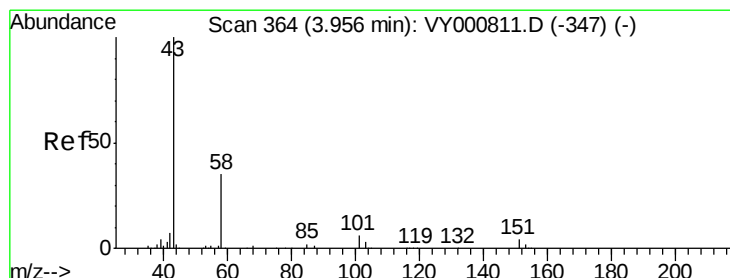
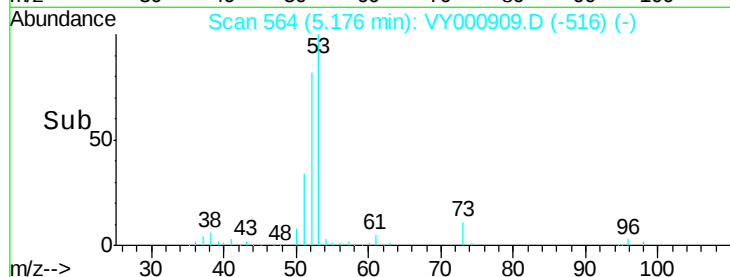
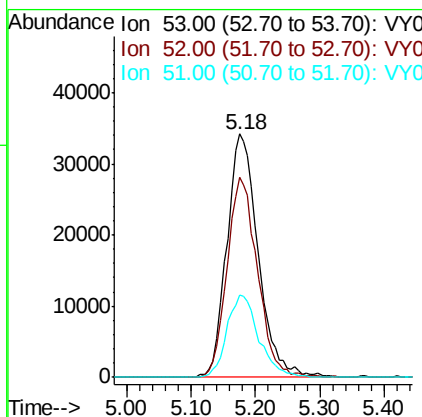
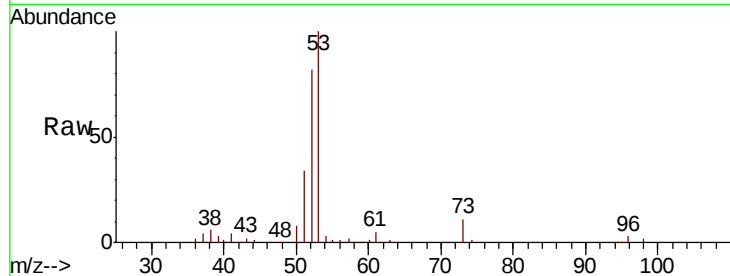
#15
 Acrylonitrile
 Concen: 98.998 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	79.6	65.1	97.7
51	34.5	29.0	43.4

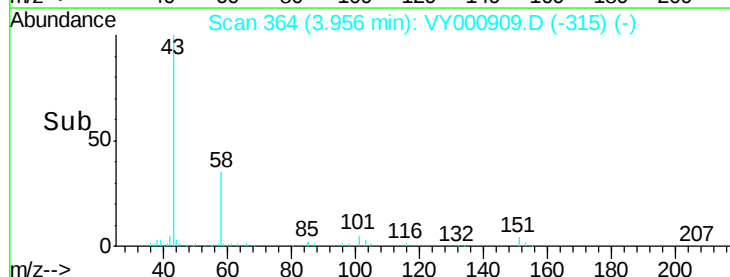
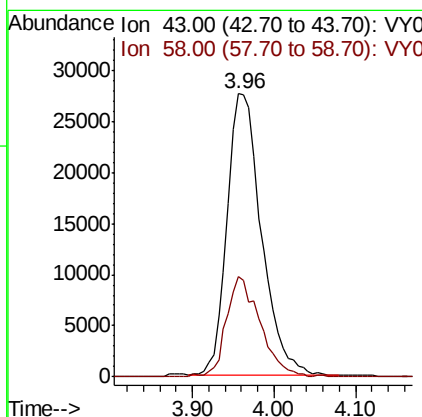
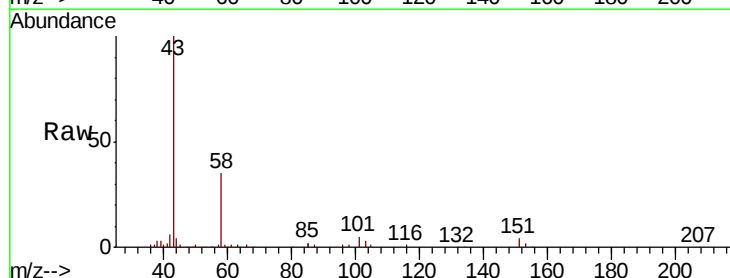
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#16
 Acetone
 Concen: 97.592 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.0	42.0





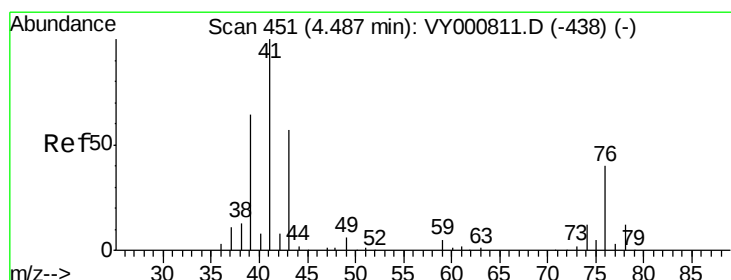
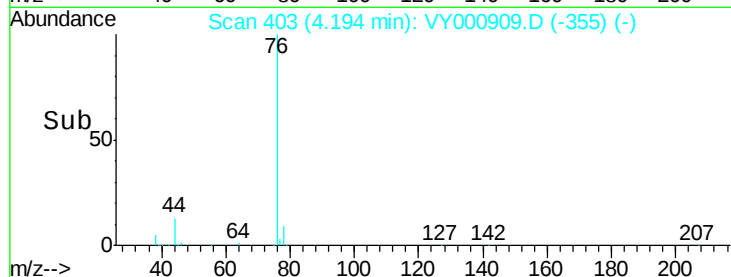
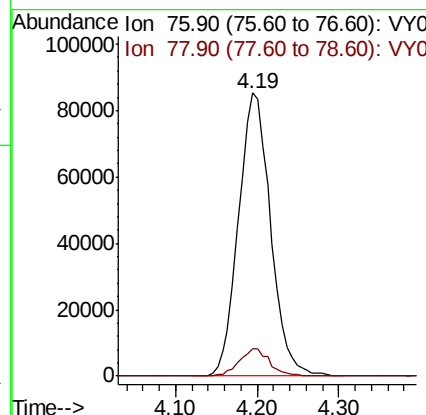
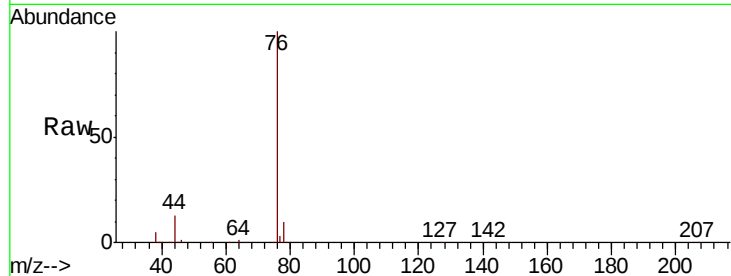
#17
Carbon Disulfide
Concen: 19.434 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.3	10.9

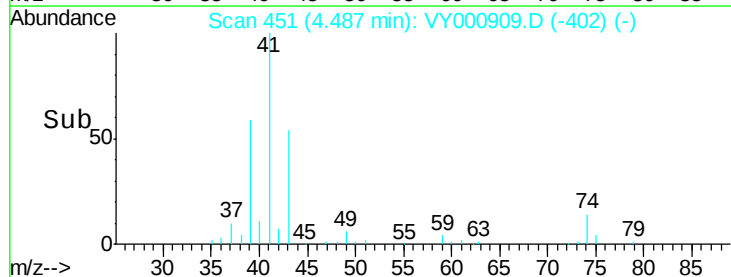
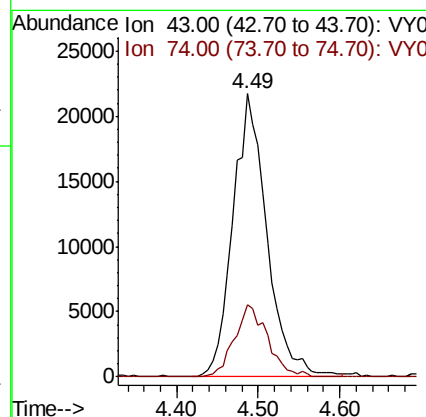
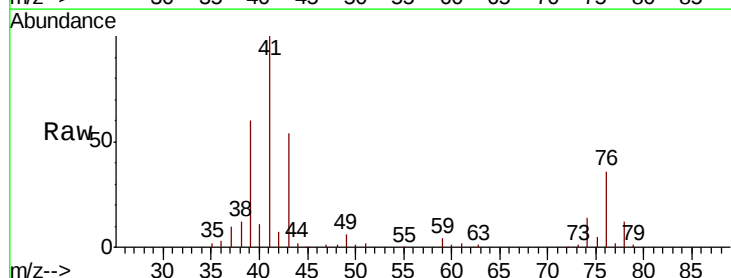
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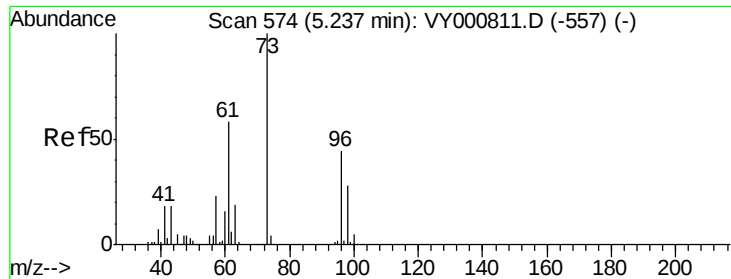
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#18
Methyl Acetate
Concen: 18.184 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.5	27.7





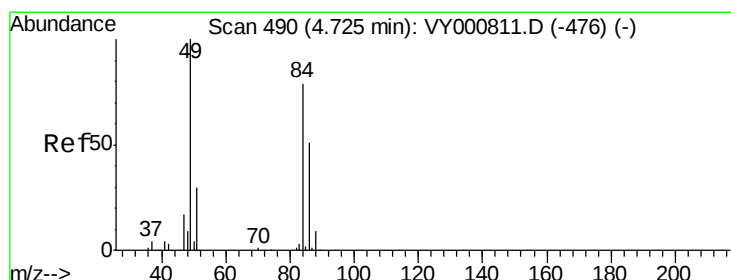
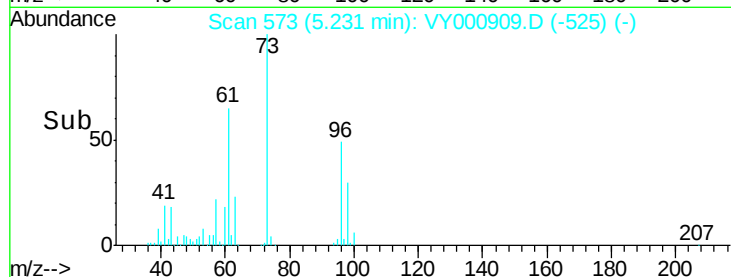
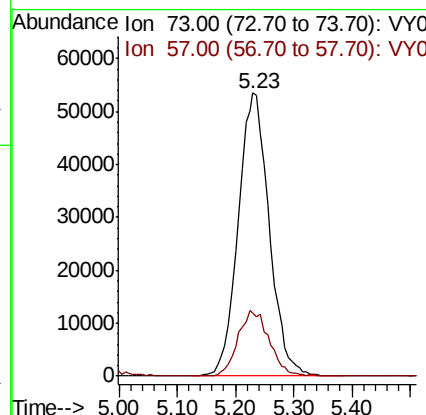
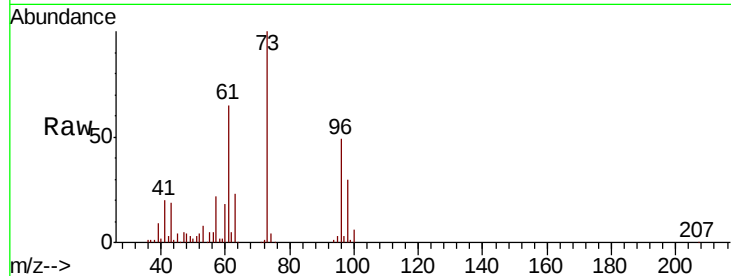
#19
Methvl tert-butvl Ether
Concen: 19.968 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 73 Resp: 197440
Ion Ratio Lower Upper
73 100
57 22.4 18.2 27.4

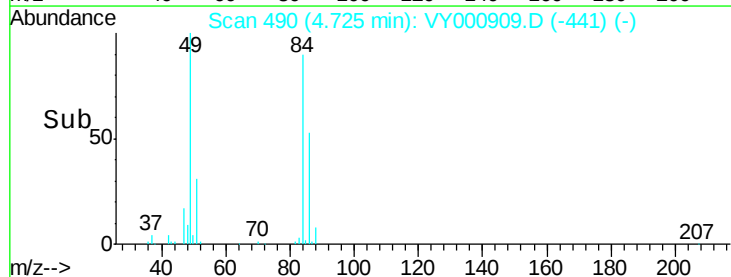
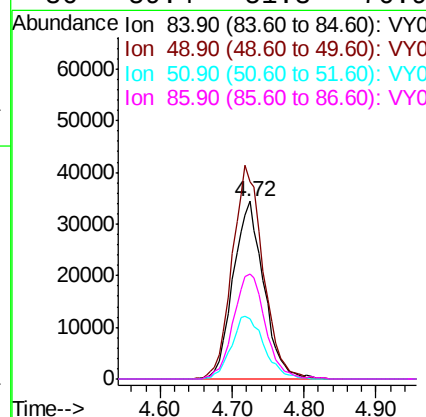
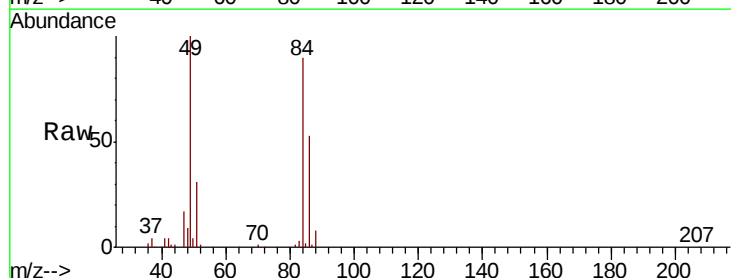
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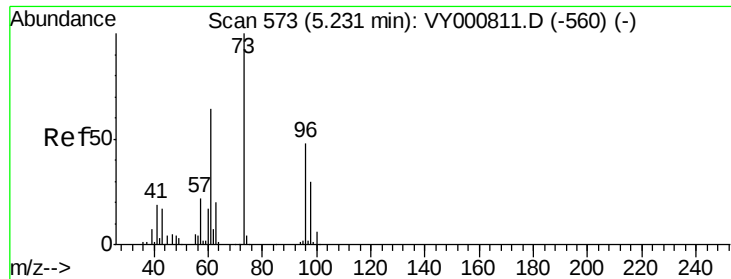
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#20
Methylene Chloride
Concen: 23.437 ug/l
RT: 4.72 min Scan# 490
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 84 Resp: 101685
Ion Ratio Lower Upper
84 100
49 111.2 101.3 151.9
51 34.1 30.6 45.8
86 59.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.141 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 96 Resp: 84755

Ion Ratio Lower Upper

96 100

61 133.7 105.9 158.9

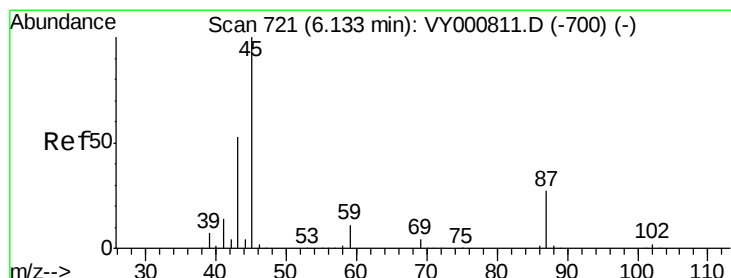
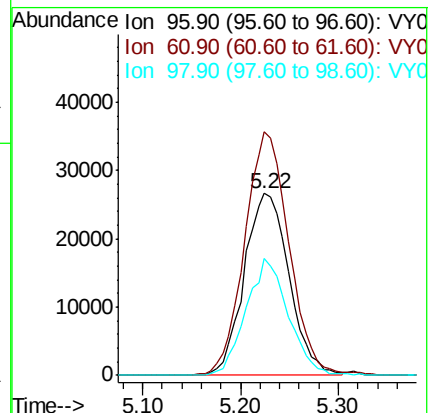
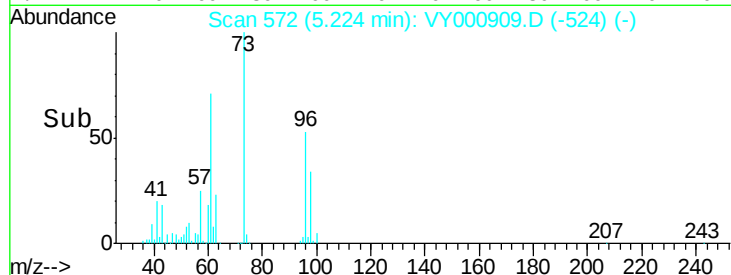
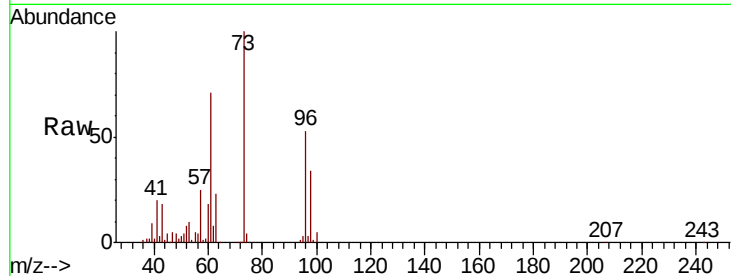
98 64.0 49.4 74.2

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#22

Diisopropyl ether

Concen: 19.684 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Tgt Ion: 45 Resp: 256831

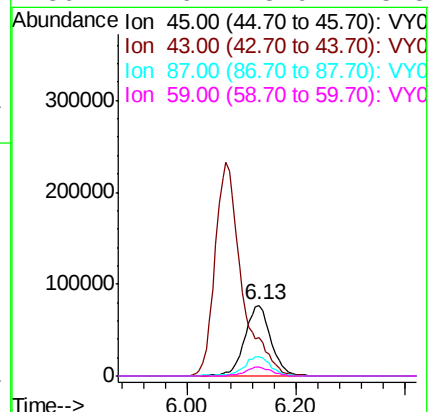
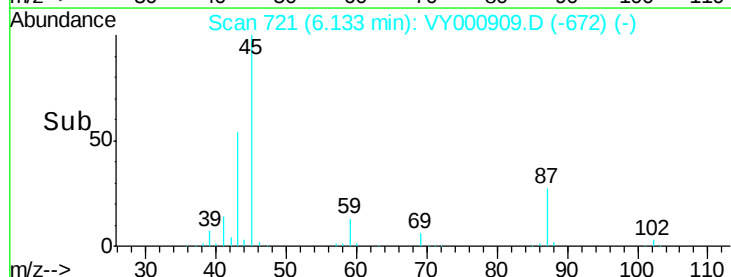
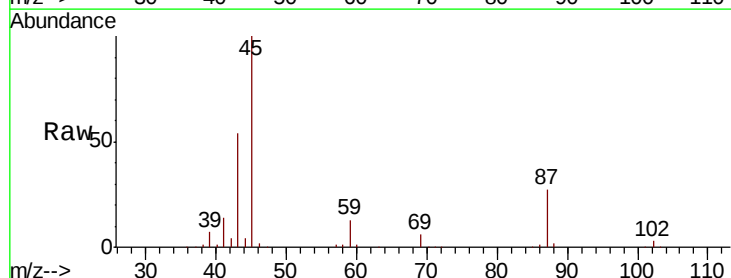
Ion Ratio Lower Upper

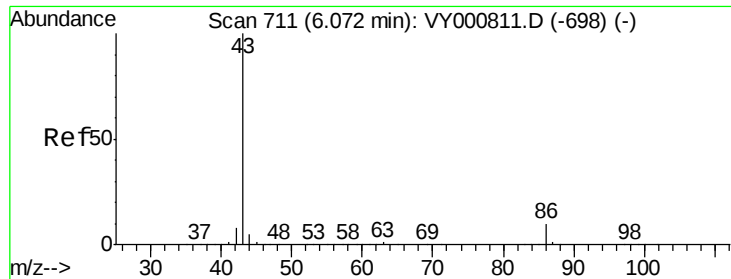
45 100

43 53.4 42.7 64.1

87 26.6 22.0 33.0

59 12.6 8.9 13.3





#23

Vinyl Acetate

Concen: 99.559 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 43 Resp: 789717

Ion Ratio Lower Upper

43 100

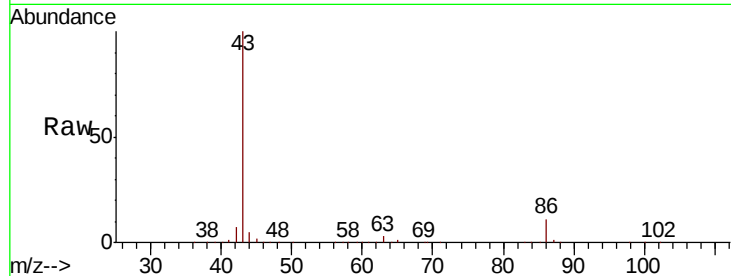
86 10.9 8.3 12.5

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

250000

200000

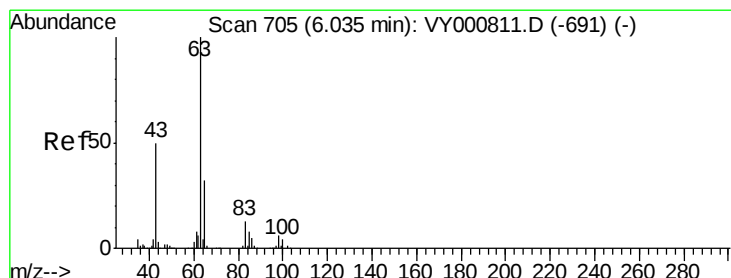
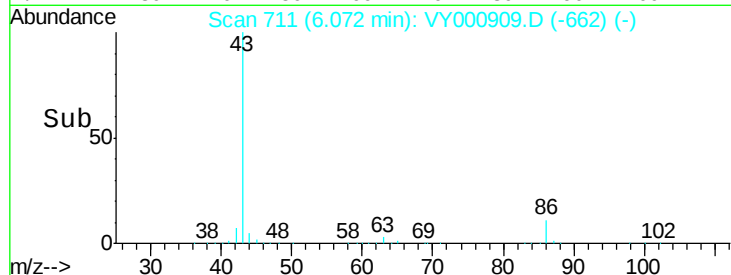
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.614 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

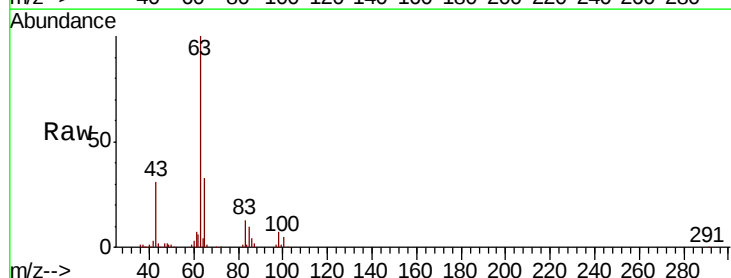
Tgt Ion: 63 Resp: 141051

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

100 5.1 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

6.03

60000

50000

40000

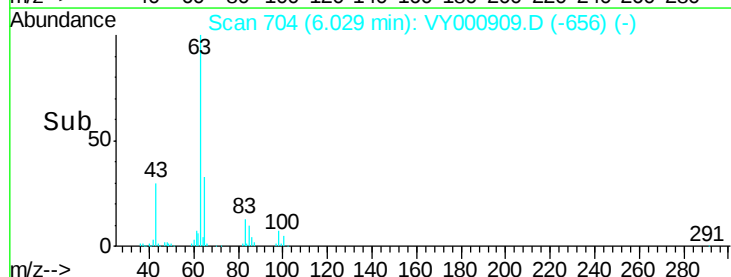
30000

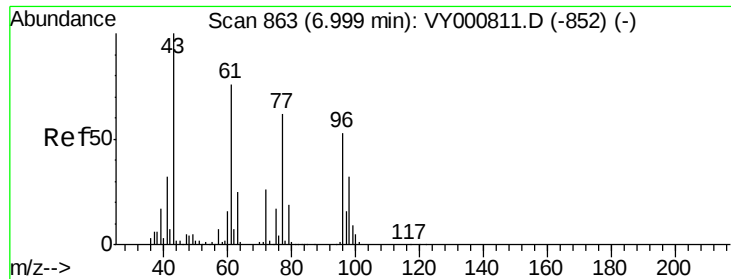
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.634 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 43 Resp: 142368

Ion Ratio Lower Upper

43 100

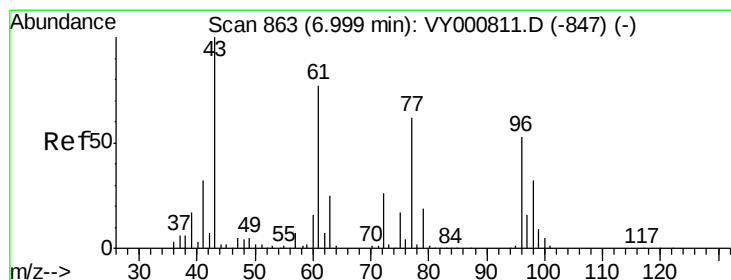
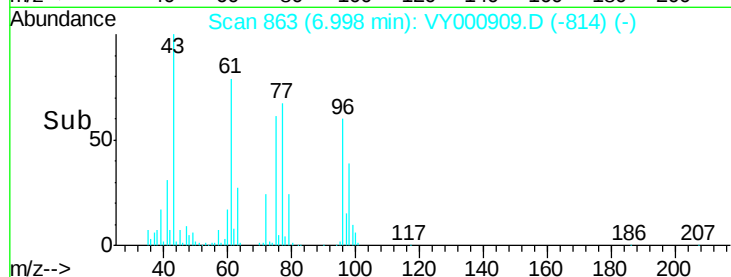
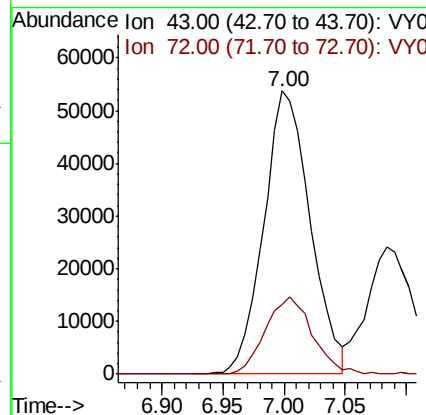
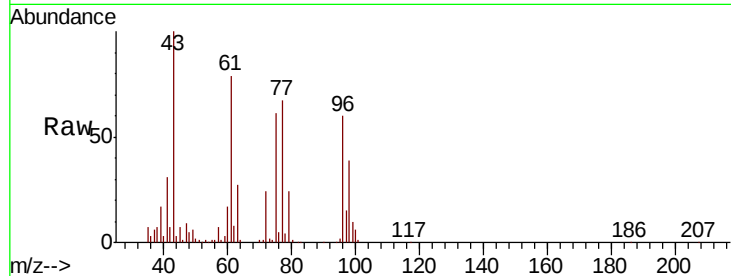
72 24.4 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.761 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000909.D

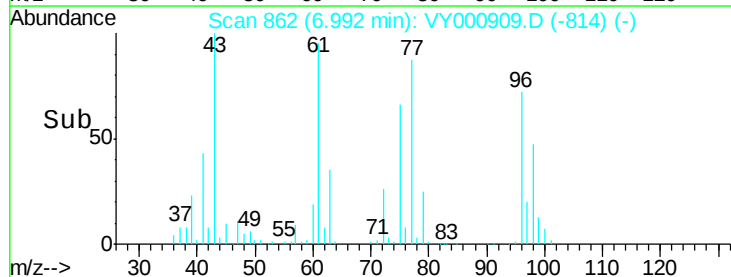
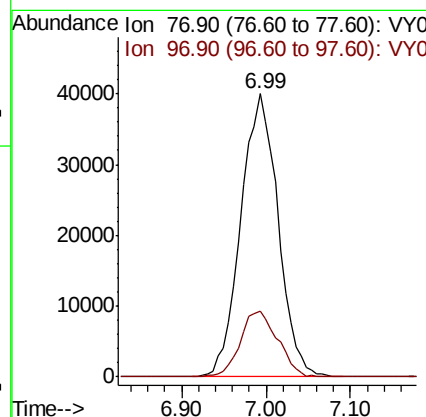
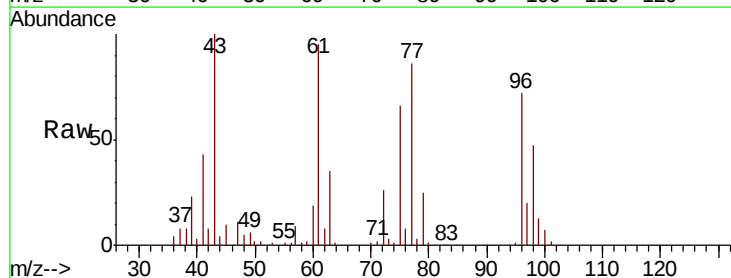
Acq: 09 Dec 2019 12:30

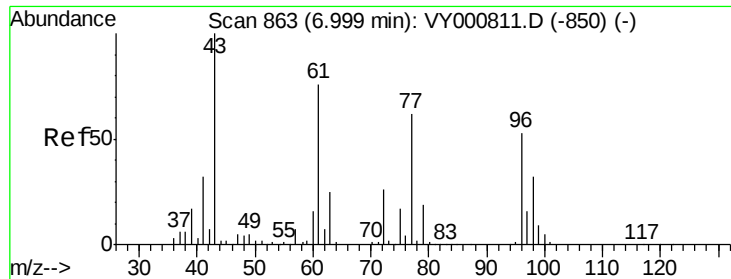
Tgt Ion: 77 Resp: 119607

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9





#27

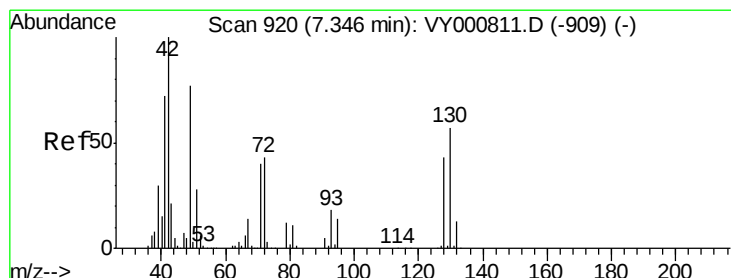
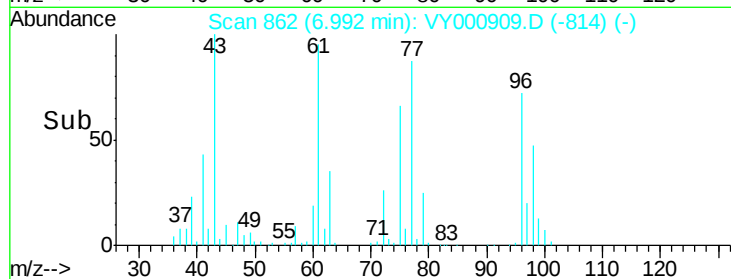
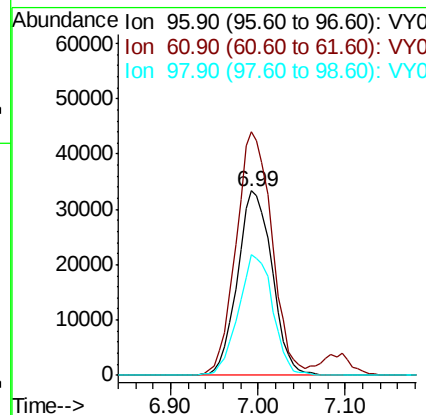
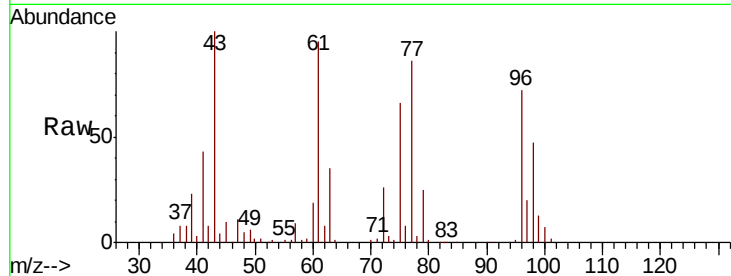
cis-1,2-Dichloroethene
Concen: 20.267 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.8	0.0	285.0	
98	64.7	0.0	128.0	

Manual Integrations
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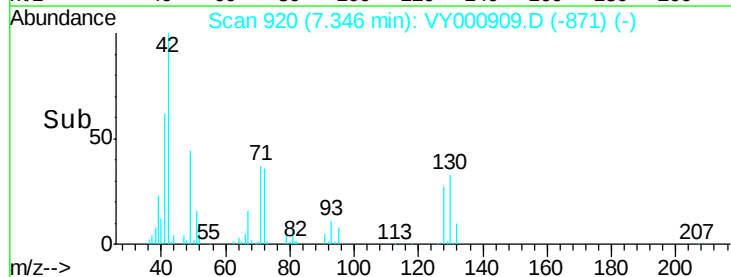
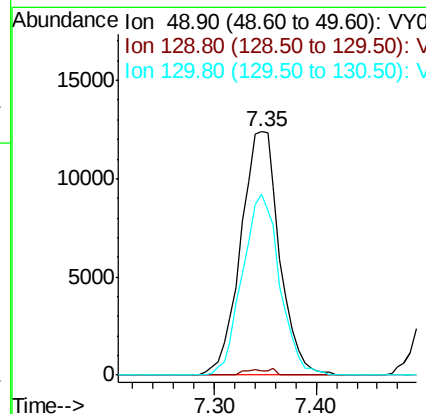
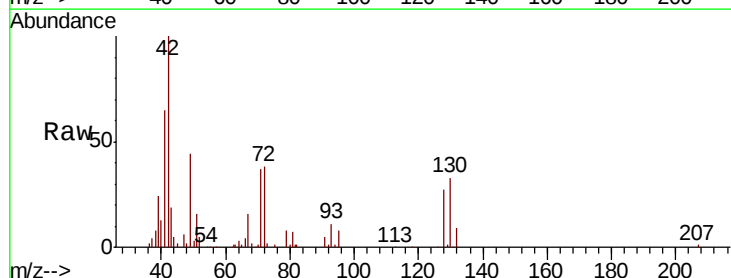
apatel
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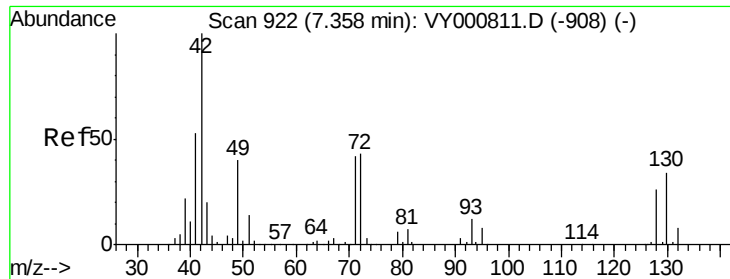


#28

Bromochloromethane
Concen: 13.915 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.8	
130	71.5	58.7	88.1	





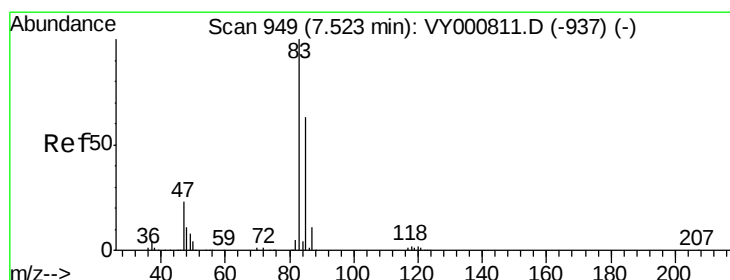
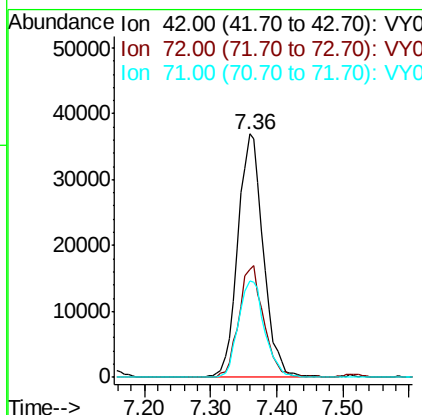
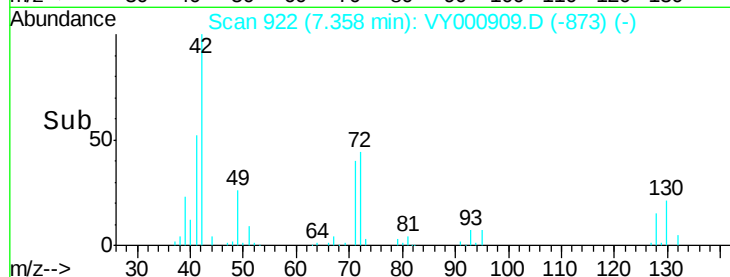
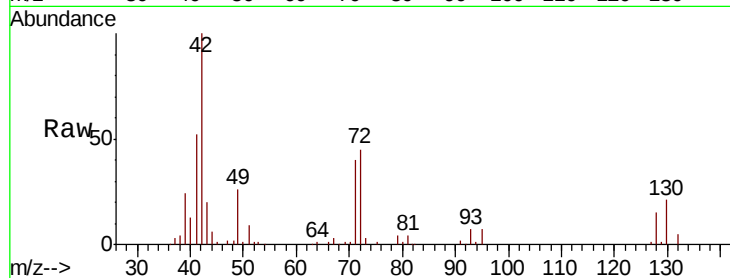
#29
Tetrahydrofuran
Concen: 97.893 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.1	52.7
71	40.5	32.8	49.2

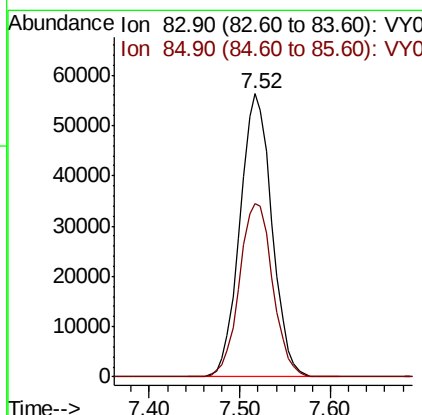
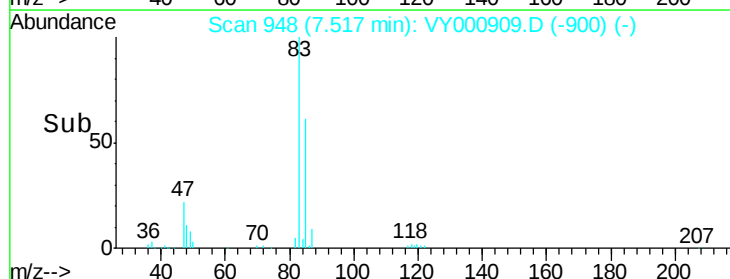
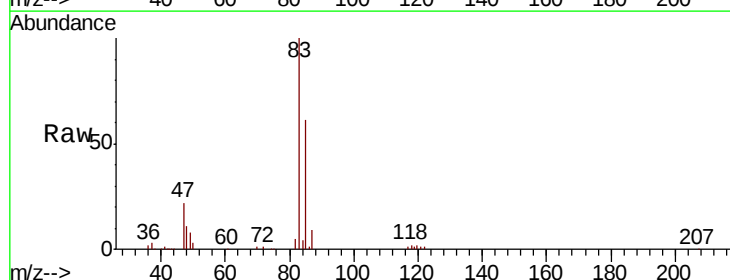
Manual Integrations
APPROVED

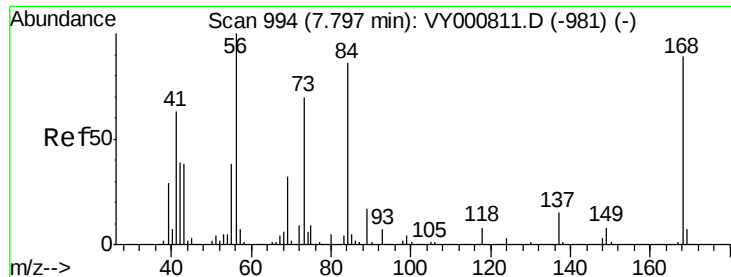
apatel
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#30
Chloroform
Concen: 19.019 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.0	50.4	75.6





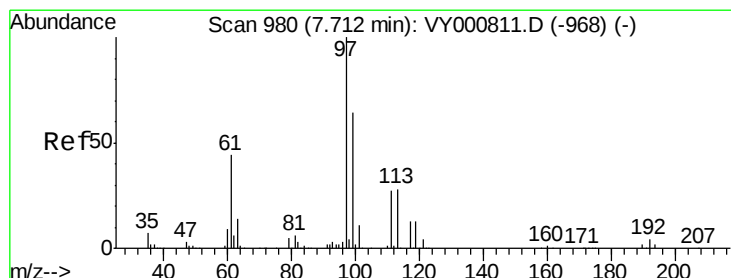
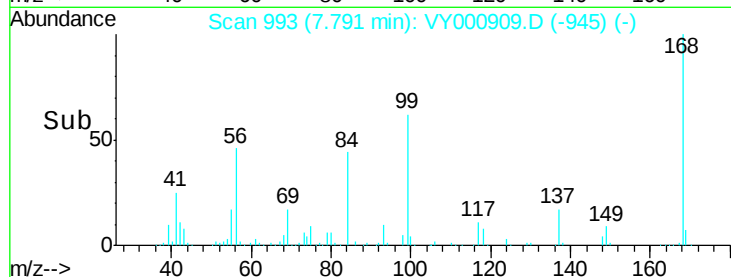
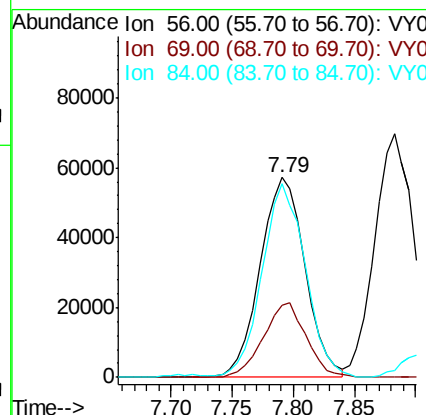
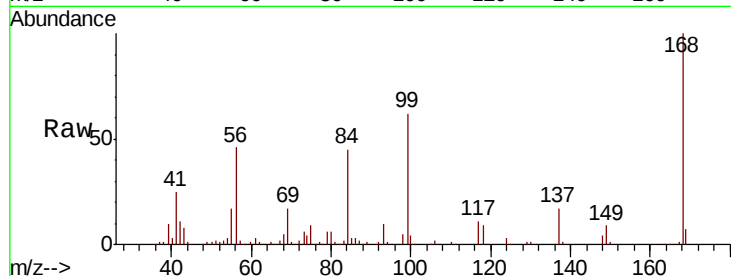
#31
Cyclohexane
Concen: 19.226 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	25.9	38.9
84	95.7	68.6	102.8

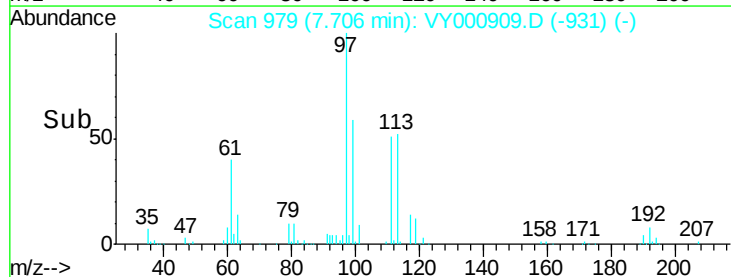
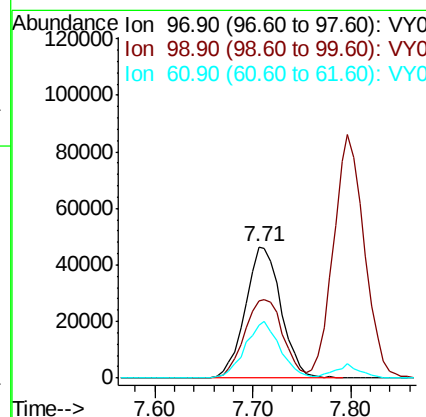
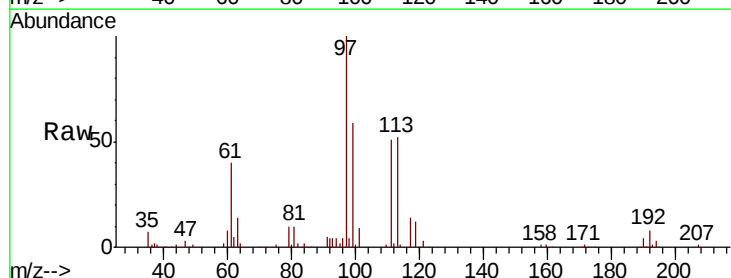
Manual Integrations
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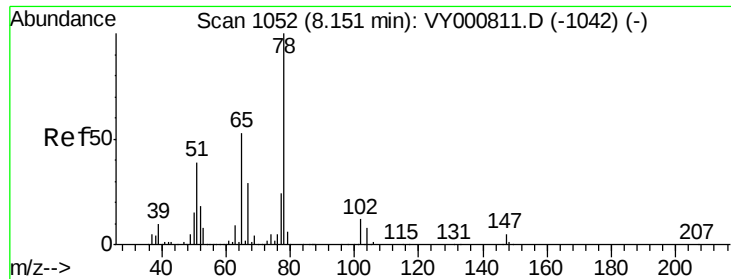
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#32
1,1,1-Trichloroethane
Concen: 19.631 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.7	77.5
61	42.2	35.0	52.6





#33

1,2-Dichloroethane-d4

Concen: 46.358 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 65 Resp: 166333

Ion Ratio Lower Upper

65 100

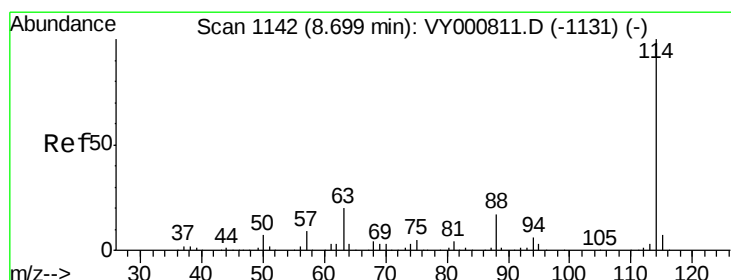
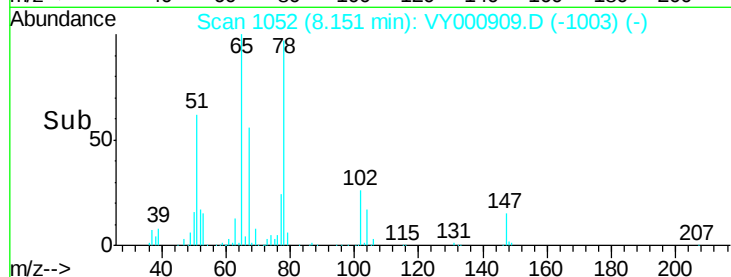
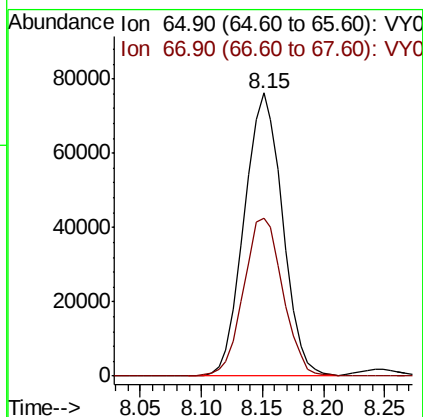
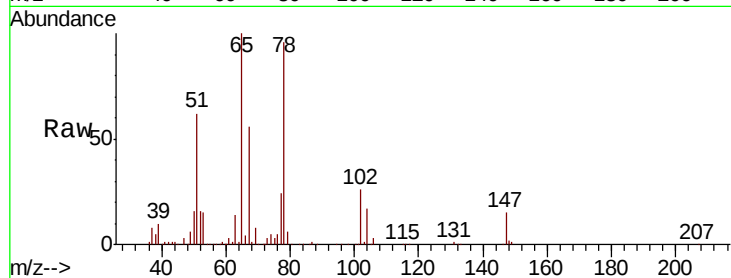
67 57.3 0.0 112.0

Manual Integrations

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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: VY000909.D

Acq: 09 Dec 2019 12:30

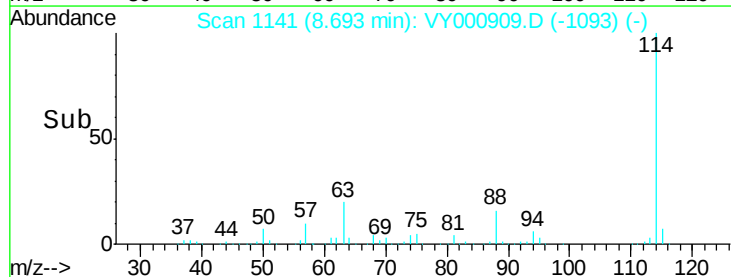
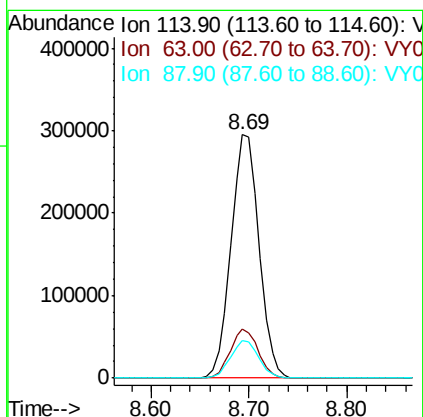
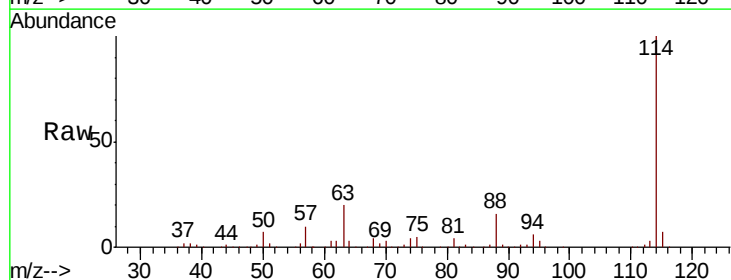
Tgt Ion: 114 Resp: 585585

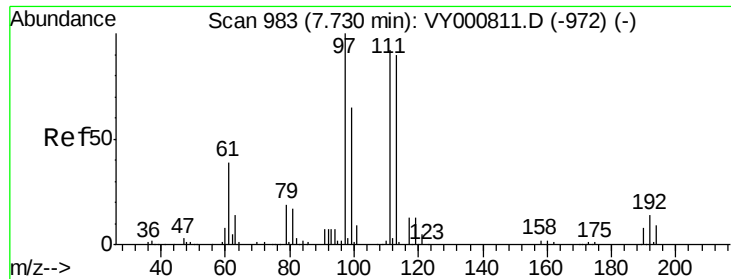
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.6 0.0 33.2





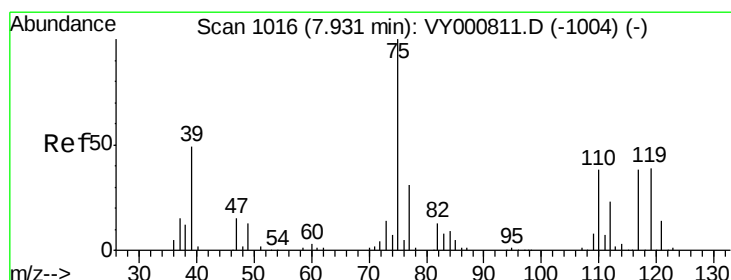
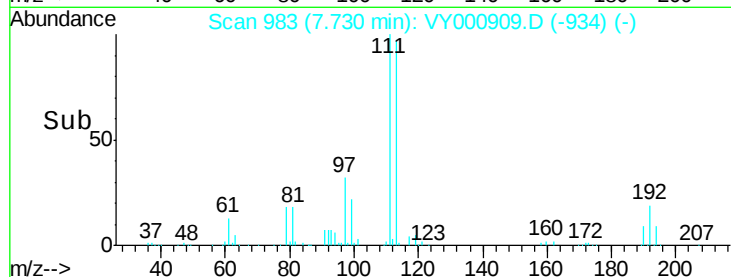
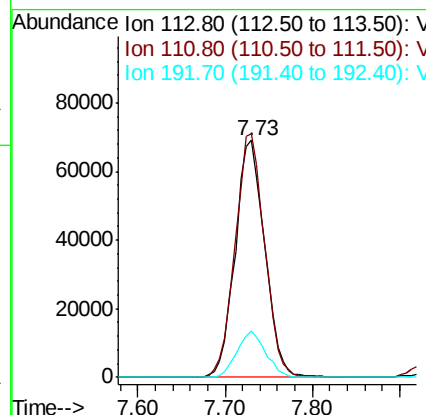
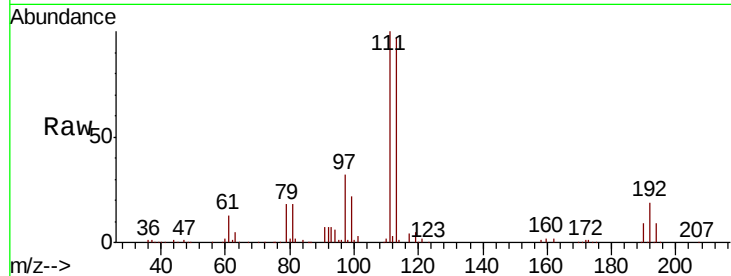
#35
Dibromofluoromethane
Concen: 47.659 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	162650		
111	102.3	82.4	123.6	
192	18.8	14.2	21.2	

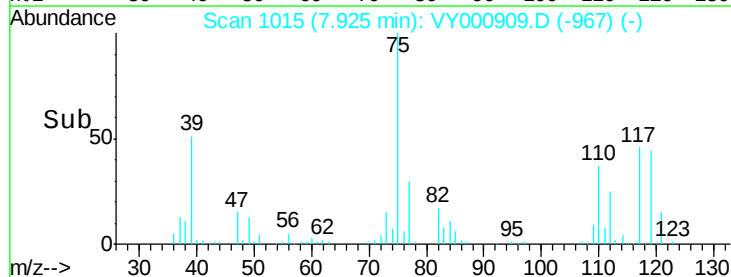
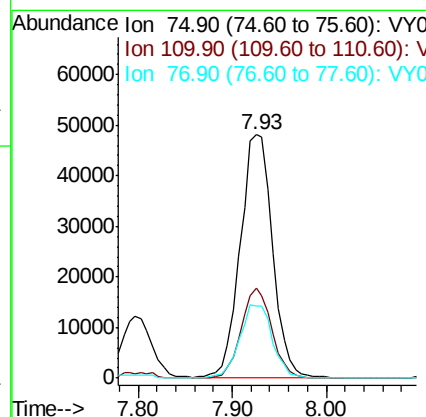
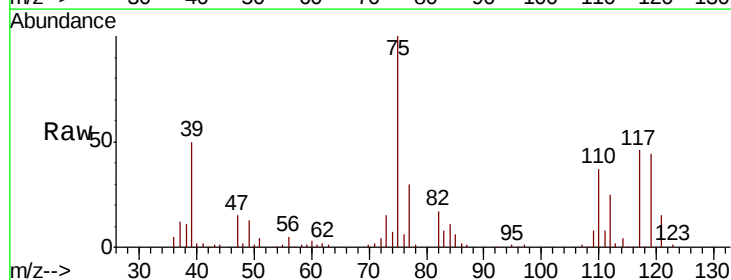
Manual Integrations
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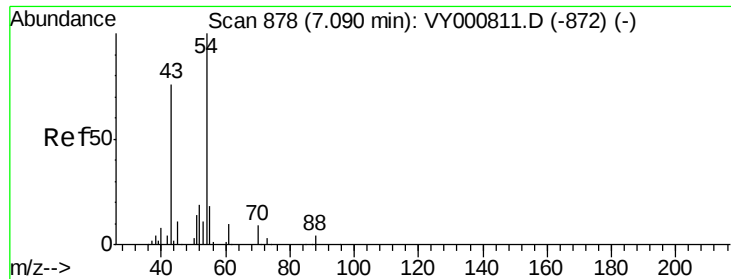
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#36
1,1-Dichloropropene
Concen: 19.756 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	115029		
110	34.7	17.9	53.7	
77	30.9	24.7	37.1	





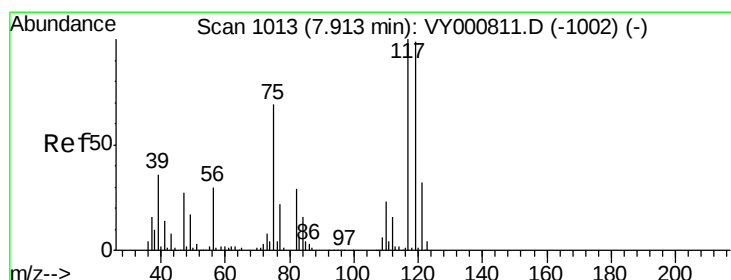
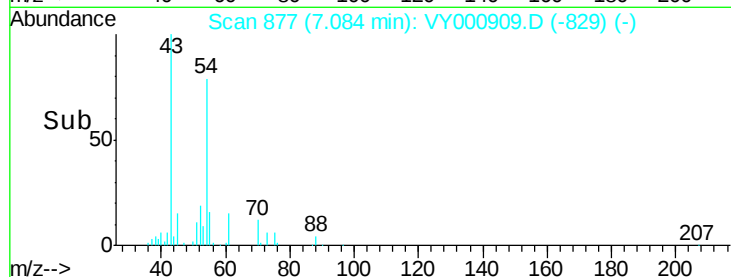
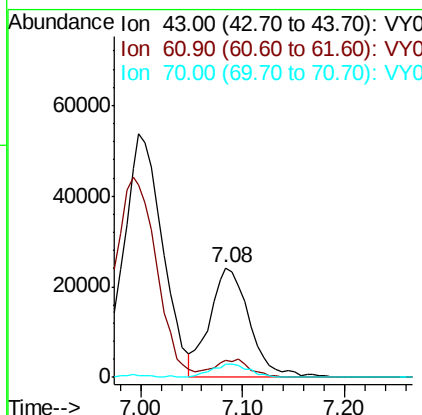
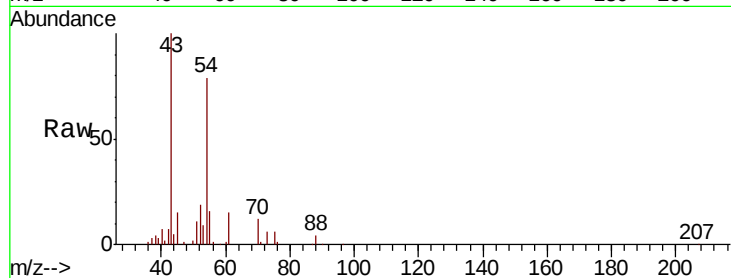
#37
Ethyl Acetate
Concen: 19.350 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.8	17.8
70	11.5	8.7	13.1

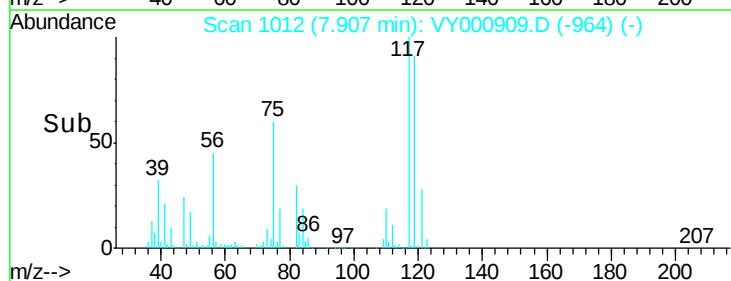
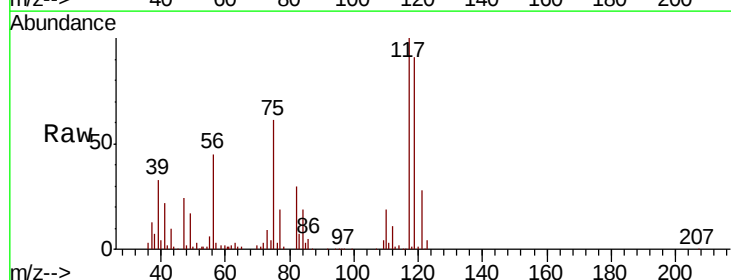
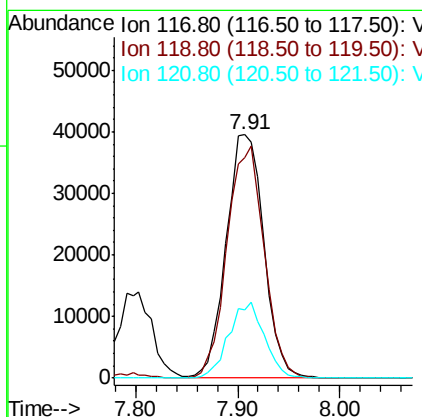
Manual Integrations
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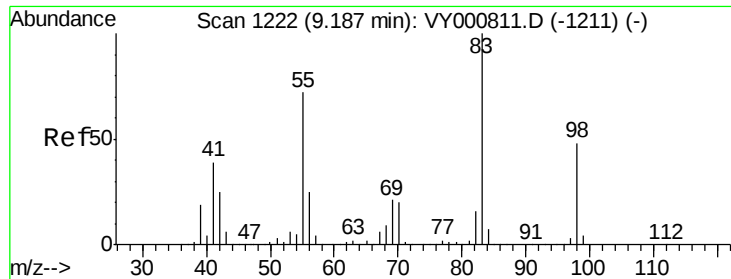
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#38
Carbon Tetrachloride
Concen: 19.484 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.9	79.3	118.9
121	28.1	25.5	38.3





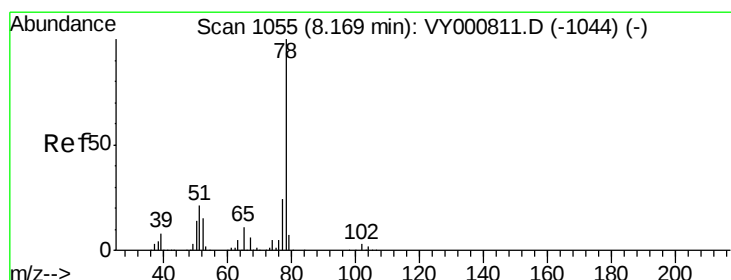
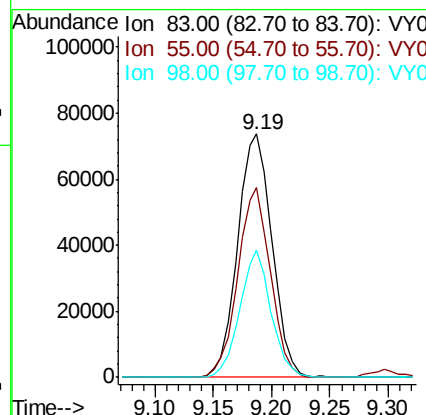
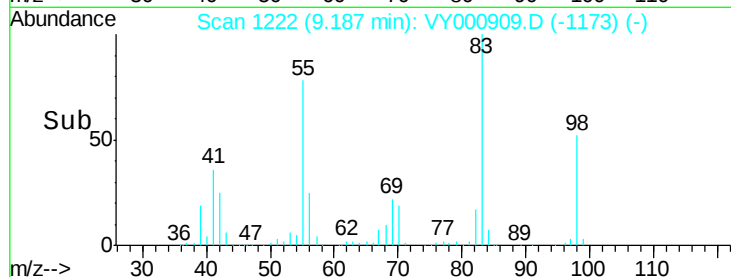
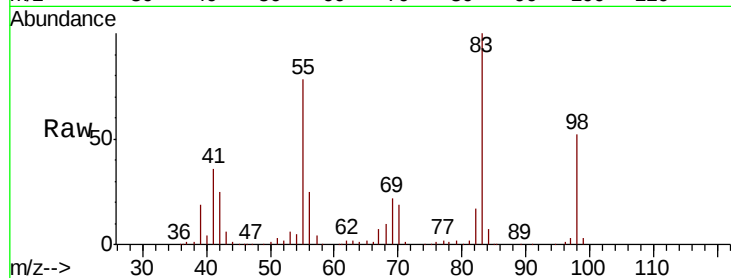
#39
Methvlcvclohexane
Concen: 19.589 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	57.8	86.6
98	52.2	38.6	58.0

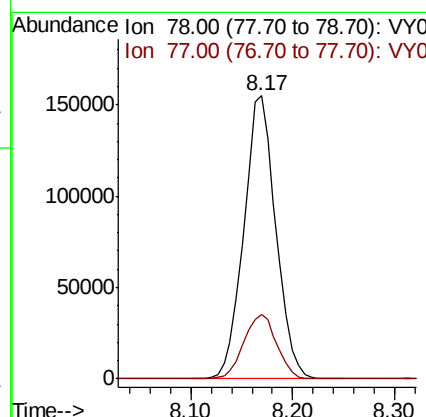
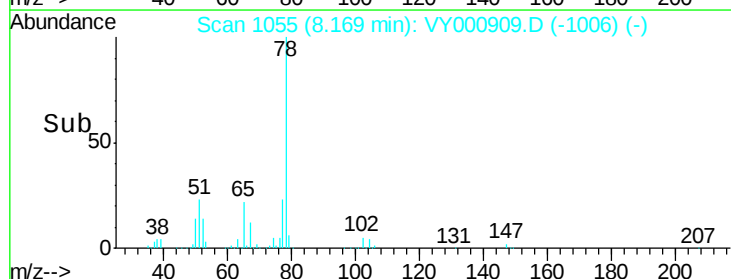
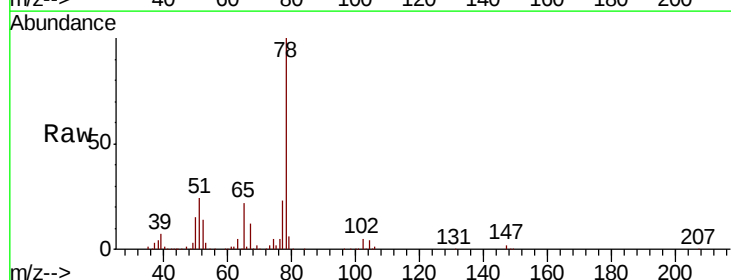
Manual Integrations
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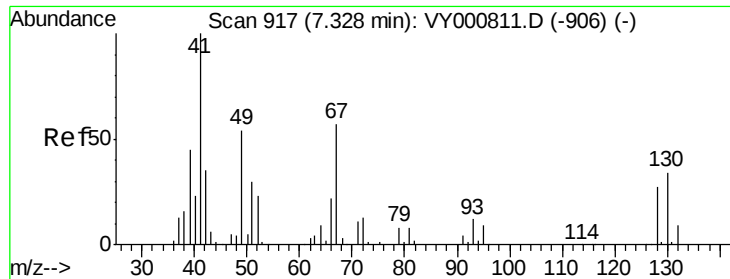
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#40
Benzene
Concen: 19.858 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





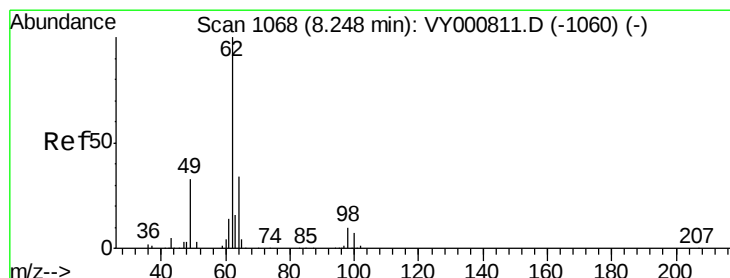
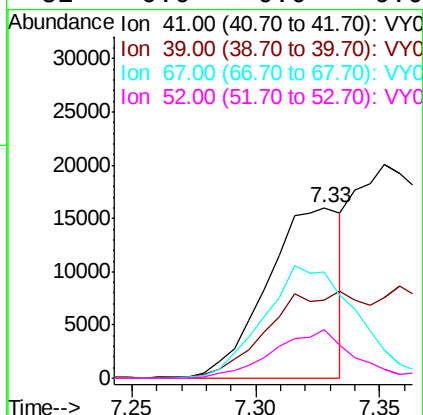
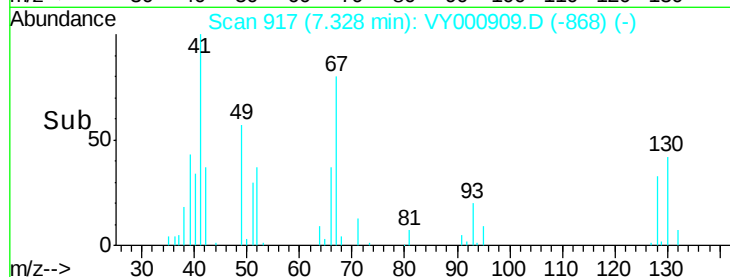
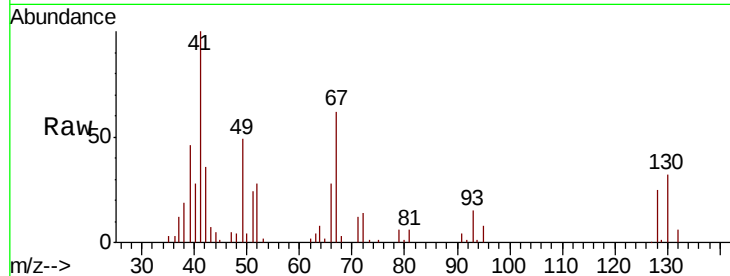
#41
Methacrylonitrile
Concen: 19.035 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion:	41	Resp:	33729
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

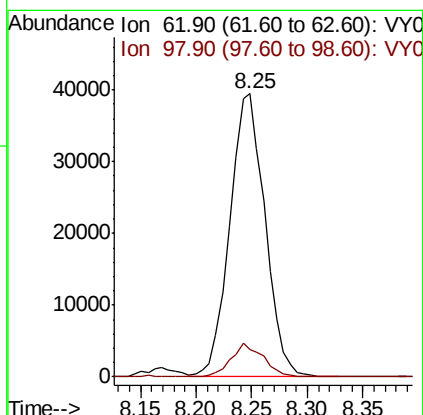
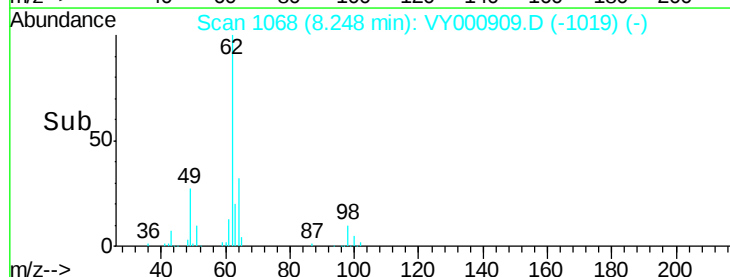
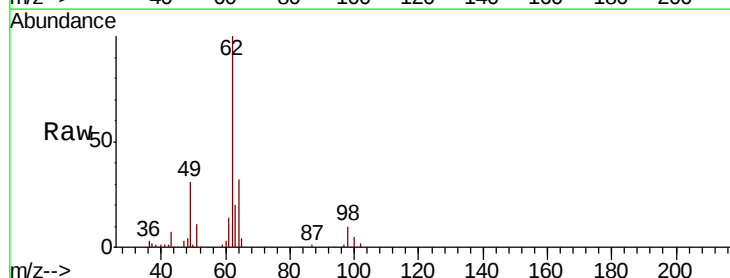
Manual Integrations
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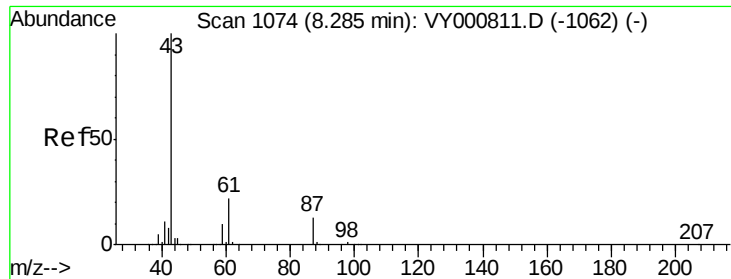
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#42
1,2-Dichloroethane
Concen: 19.329 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion:	62	Resp:	86211
Ion Ratio	Lower	Upper	
62	100		
98	10.9	0.0	21.4





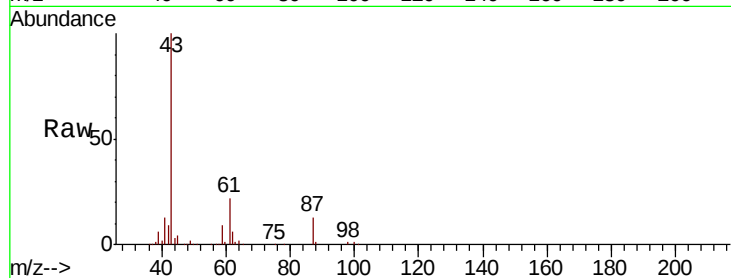
#43
Isopropyl Acetate
Concen: 19.414 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

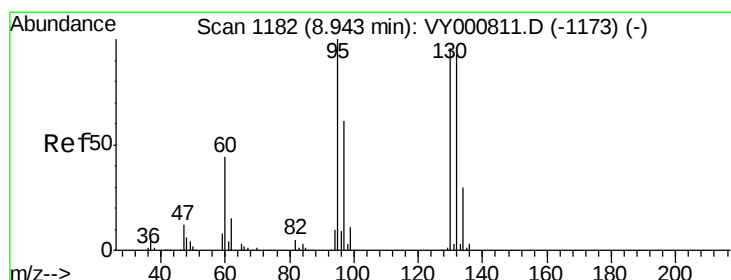
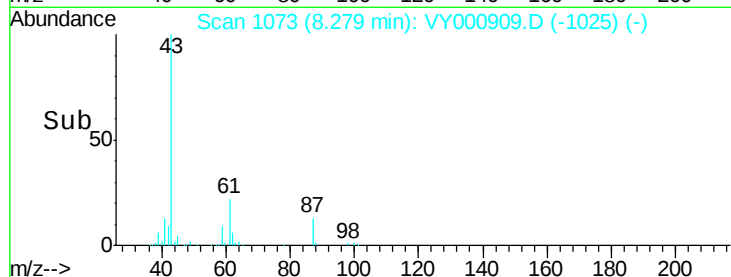
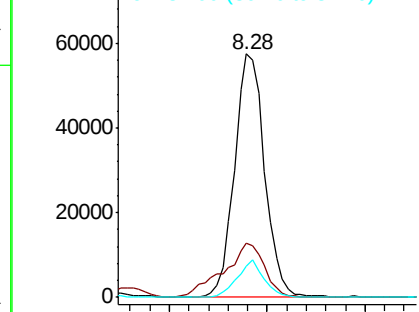
Tot Ion	Ratio	Resp	Lower	Upper
43	100	122999		
61	29.9		23.7	35.5
87	13.4		10.6	15.8

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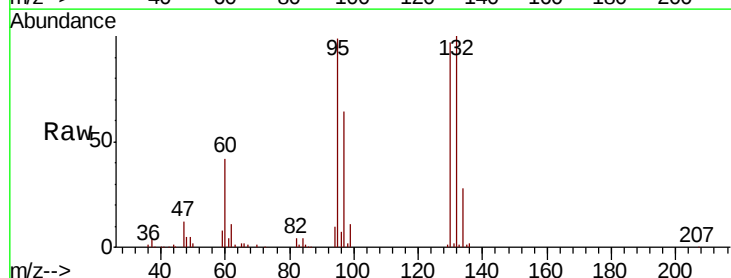


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

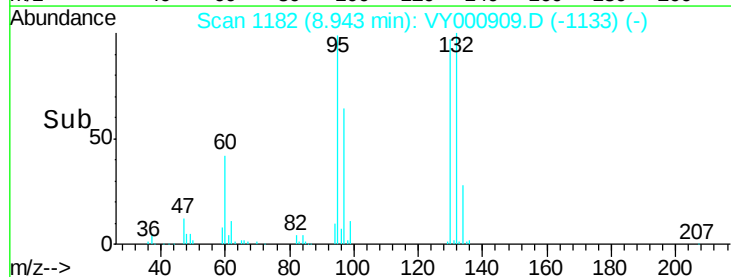
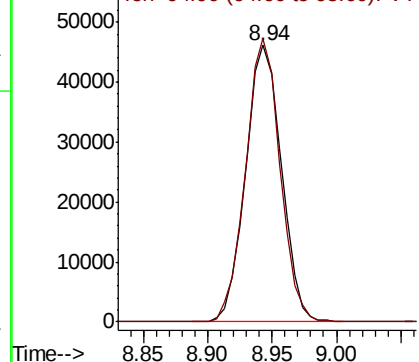


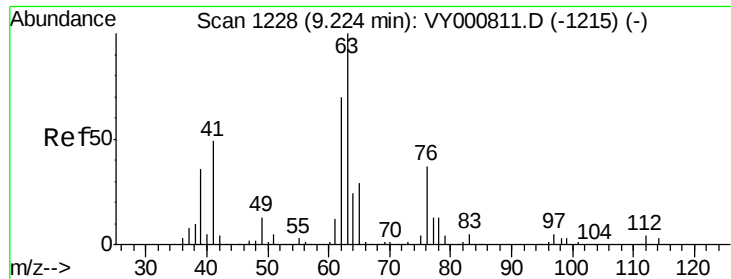
#44
Trichloroethene
Concen: 20.279 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	88391		
95	102.4		0.0	207.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0





#45

1,2-Dichloropropane

Concen: 20.160 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 63 Resp: 85881

Ion Ratio Lower Upper

63 100

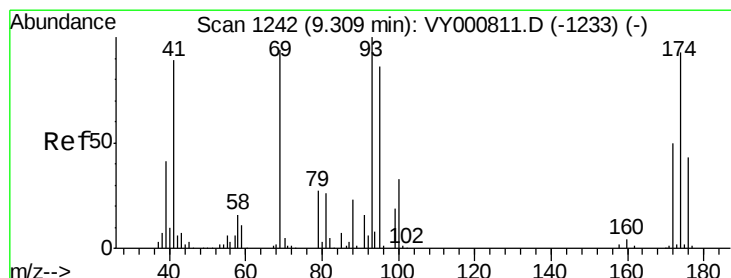
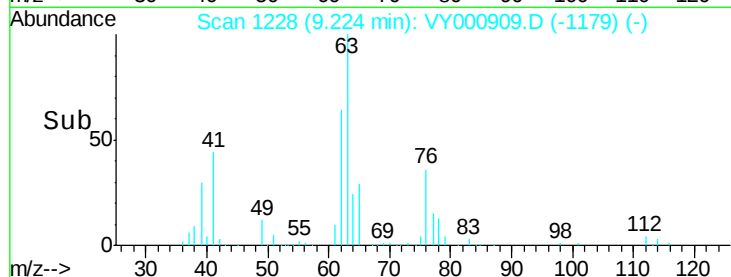
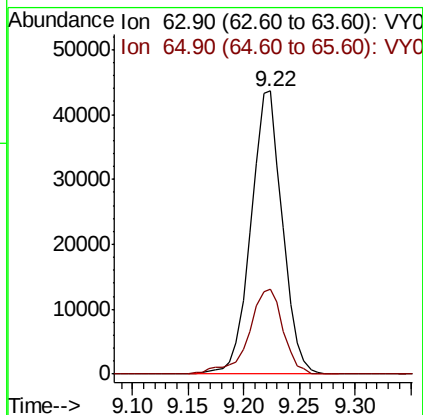
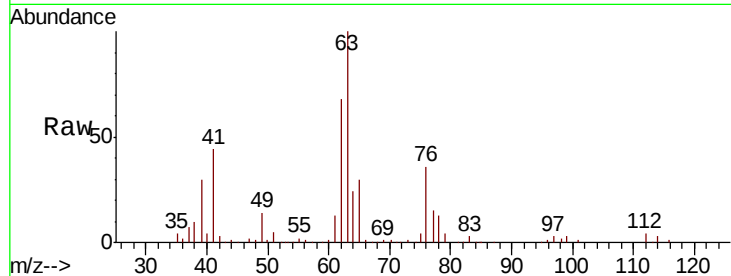
65 30.1 23.2 34.8

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#46

Dibromomethane

Concen: 20.029 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

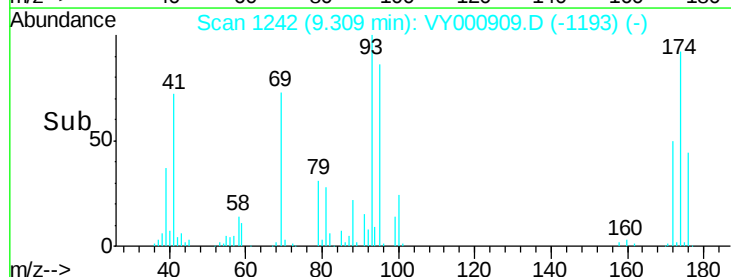
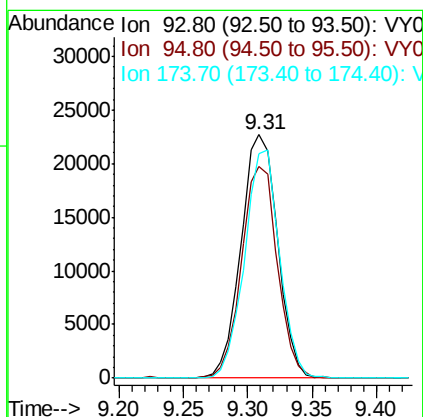
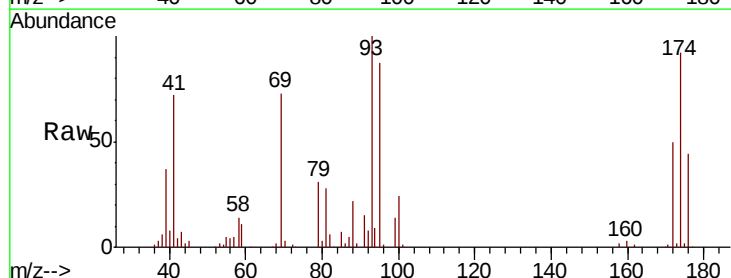
Tgt Ion: 93 Resp: 44582

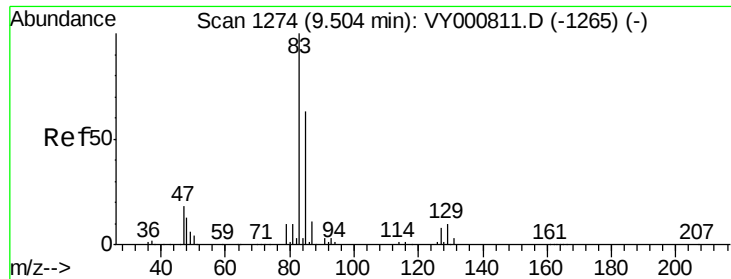
Ion Ratio Lower Upper

93 100

95 85.0 66.4 99.6

174 89.3 73.0 109.6





#47

Bromodichloromethane

Concen: 19.533 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

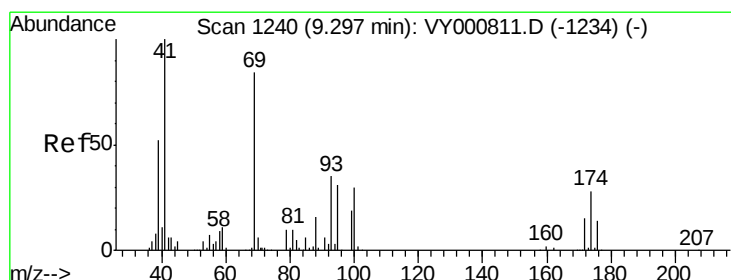
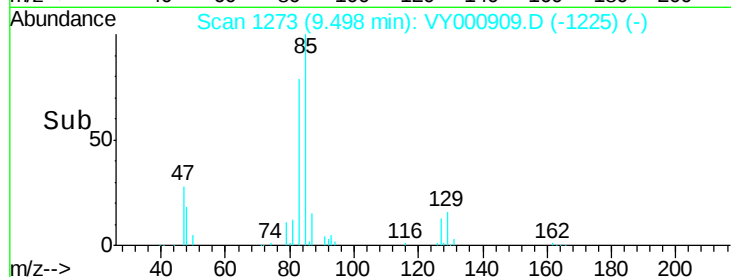
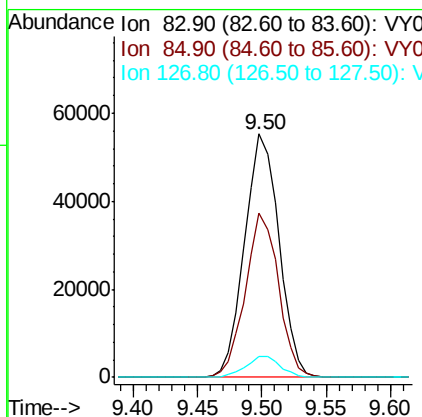
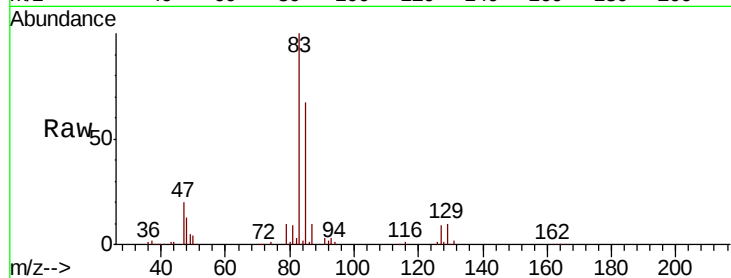
ClientSampleId :

VY1209SBS01

Tot Ion:	83	Resp:	102133
Ion	Ratio	Lower	Upper
83	100		
85	67.3	50.8	76.2
127	8.7	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.783 ug/l

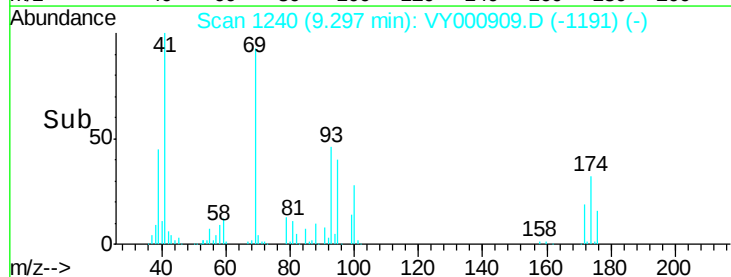
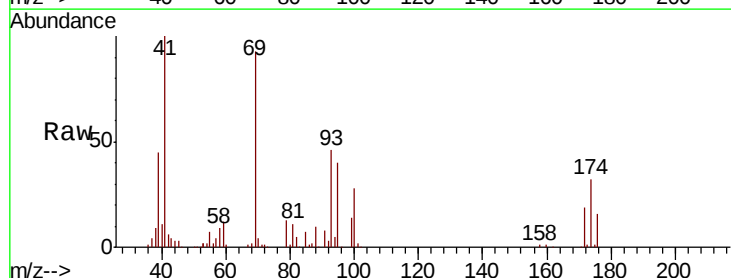
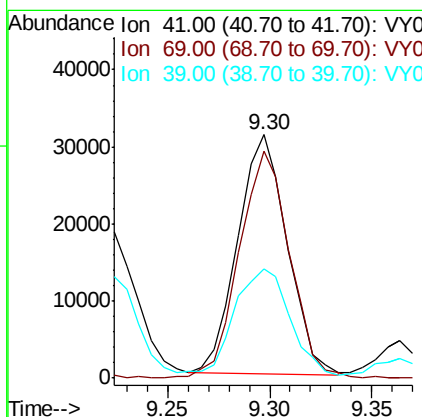
RT: 9.30 min Scan# 1240

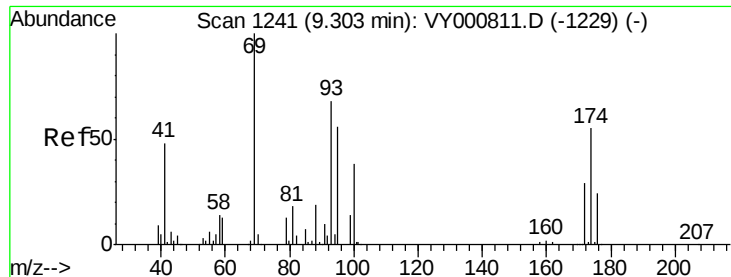
Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Tgt Ion:	41	Resp:	52330
Ion	Ratio	Lower	Upper
41	100		
69	96.6	70.4	105.6
39	51.8	40.9	61.3





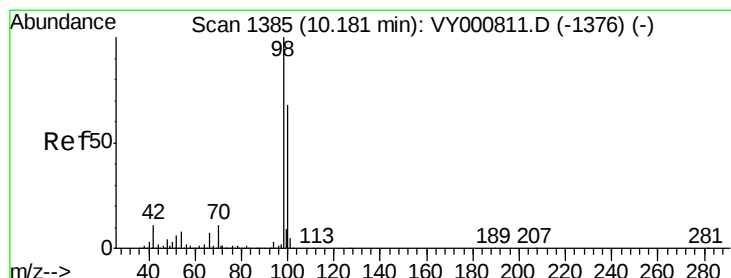
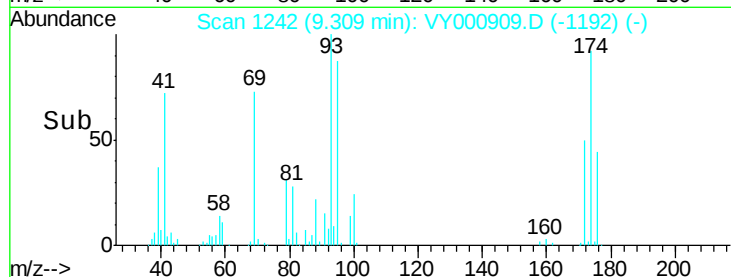
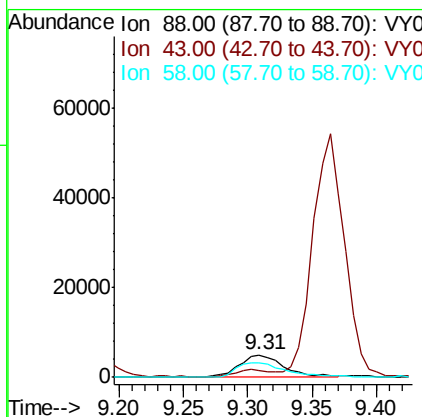
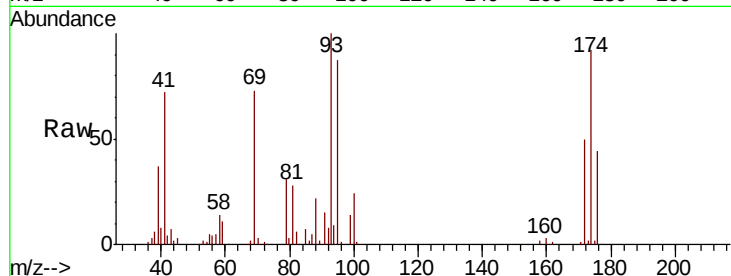
#49
1,4-Dioxane
Concen: 381.251 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	23.9	21.1	31.7
58	70.5	50.7	76.1

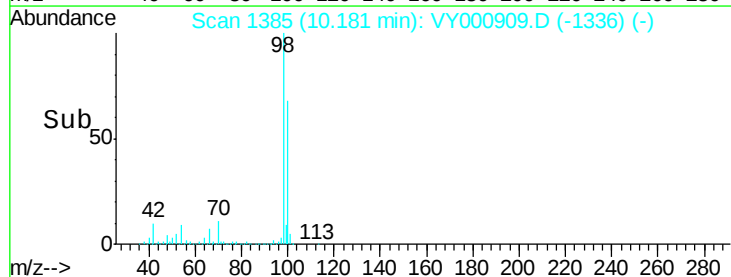
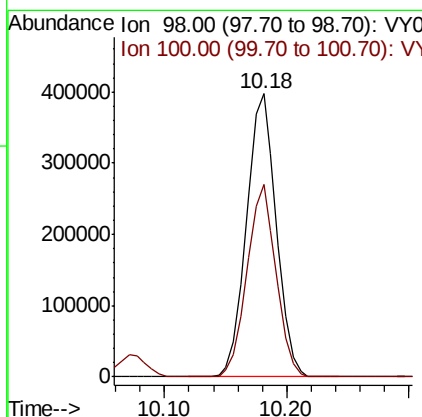
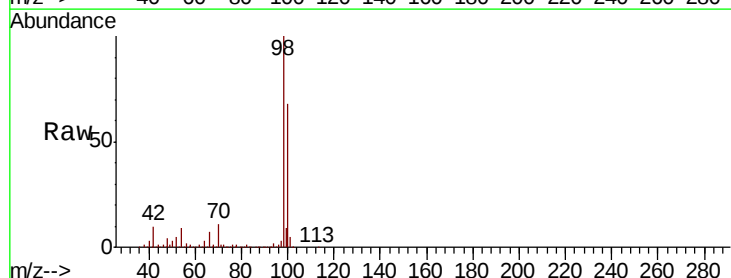
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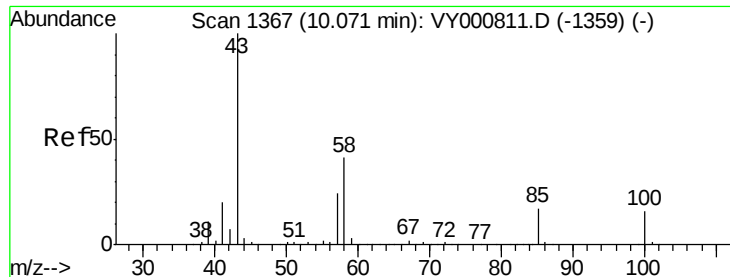
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#50
Toluene-d8
Concen: 49.206 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 97.278 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 43 Resp: 318433

Ion Ratio Lower Upper

43 100

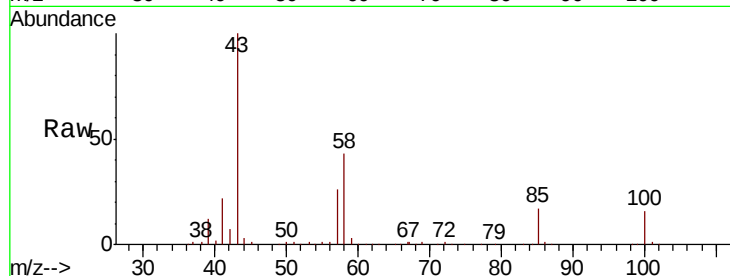
58 42.5 33.1 49.7

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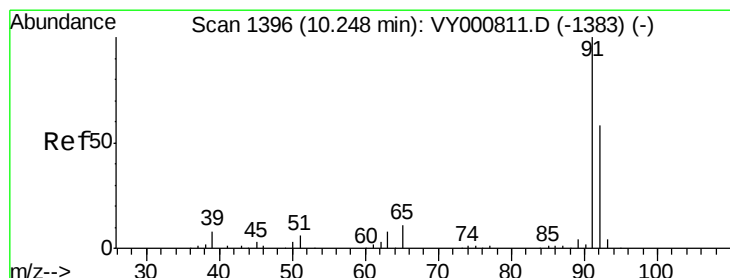
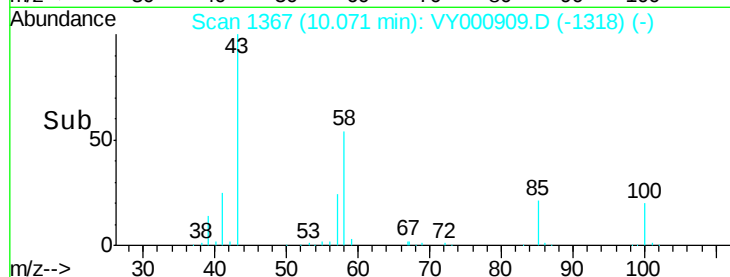
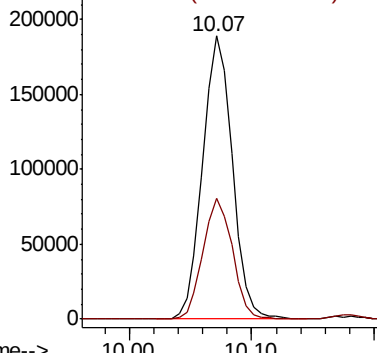
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 19.807 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000909.D

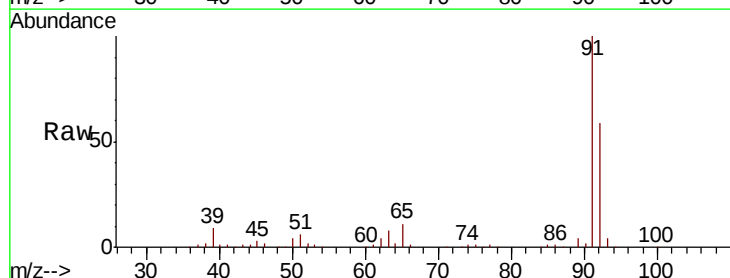
Acq: 09 Dec 2019 12:30

Tgt Ion: 92 Resp: 207994

Ion Ratio Lower Upper

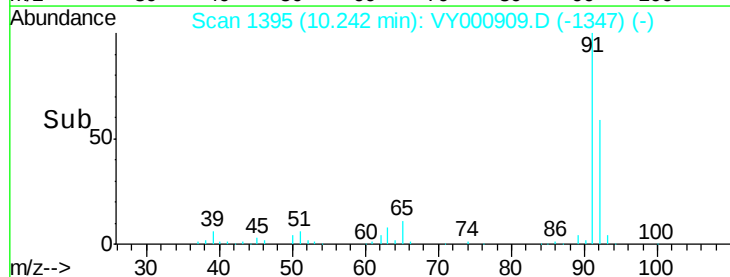
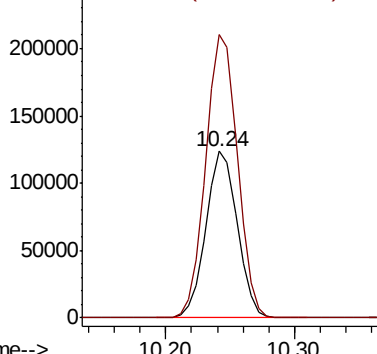
92 100

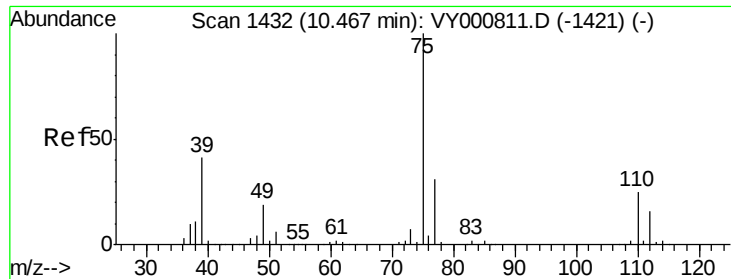
91 172.6 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





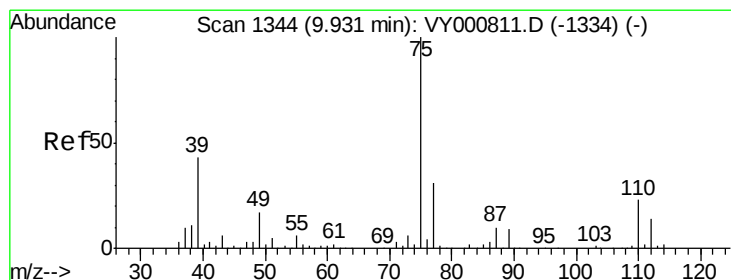
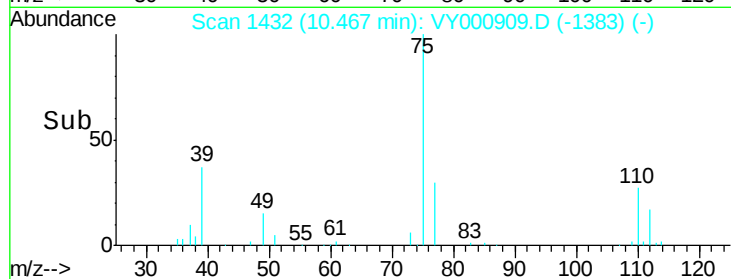
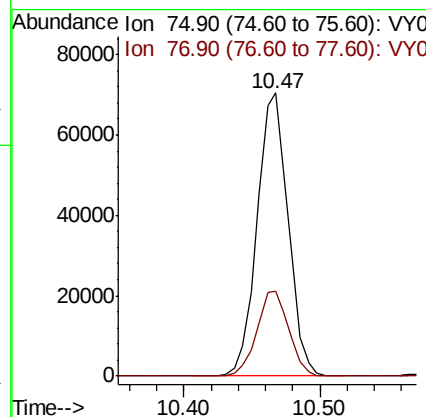
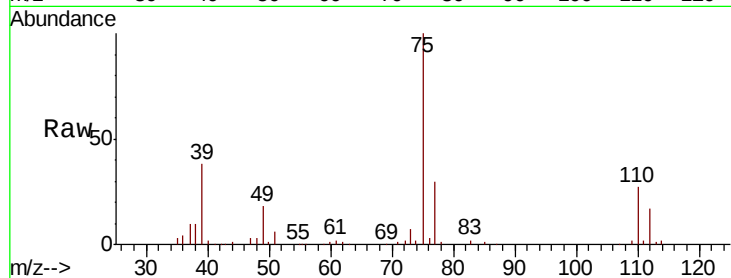
#53
t-1,3-Dichloropropene
Concen: 20.072 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.1	37.7

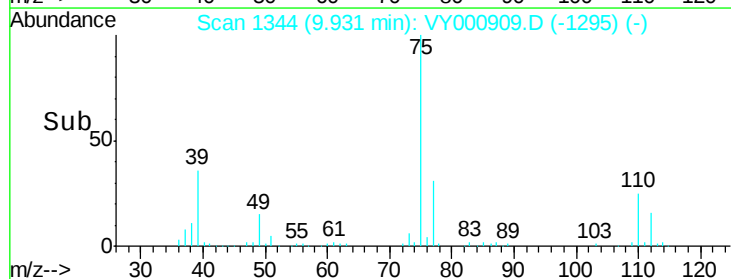
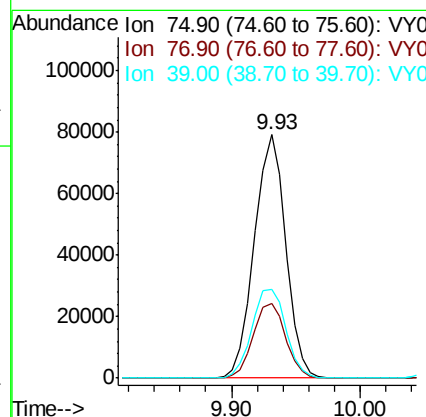
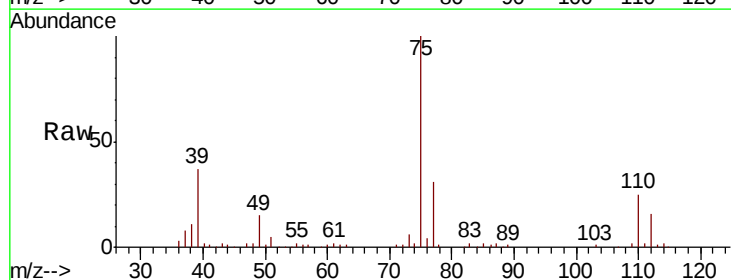
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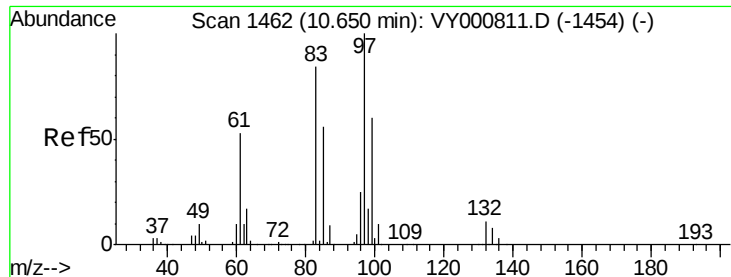
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#54
cis-1,3-Dichloropropene
Concen: 19.978 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.7	37.1
39	36.5	34.5	51.7





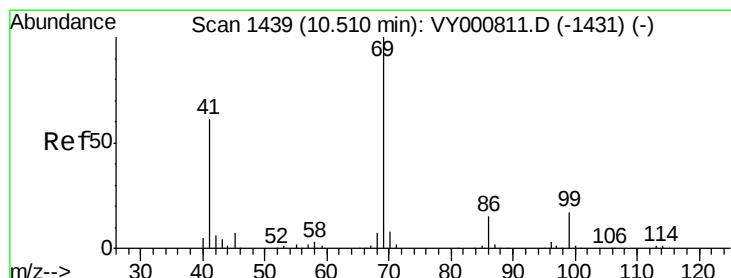
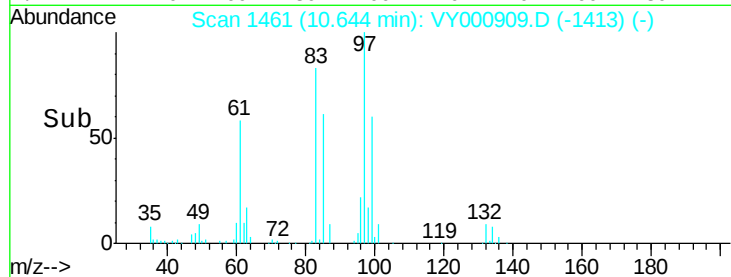
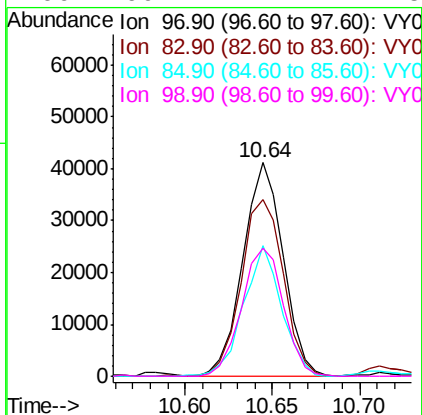
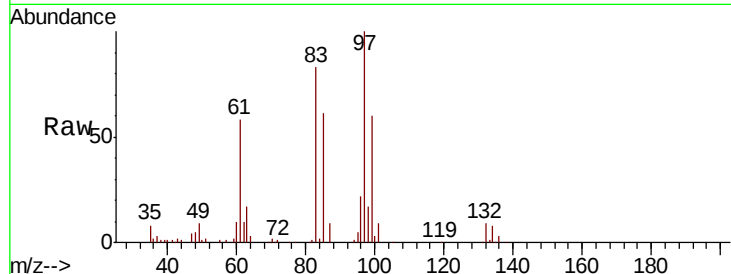
#55
 1,1,2-Trichloroethane
 Concen: 20.133 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.5	101.3
85	60.9	44.5	66.7
99	60.1	47.7	71.5

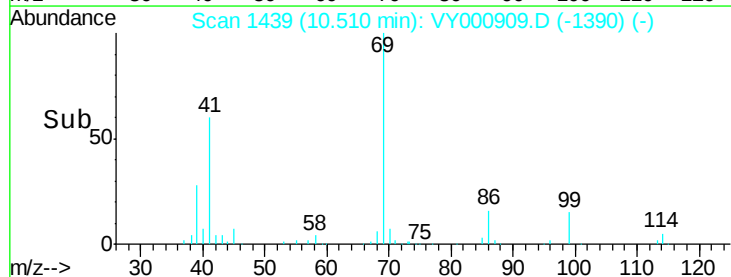
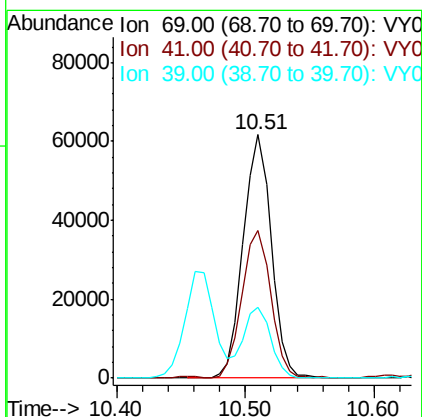
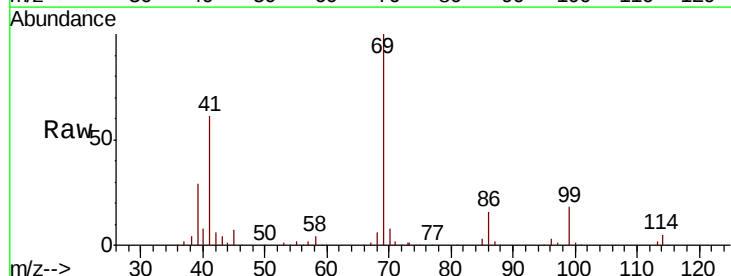
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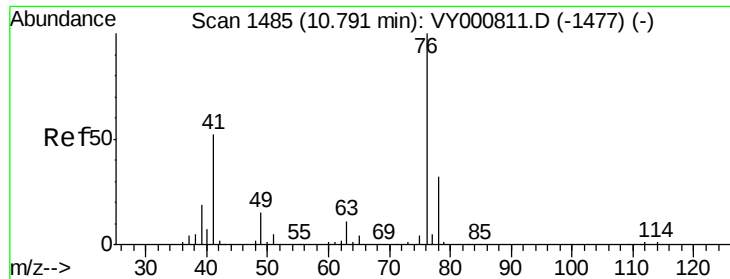
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#56
 Ethyl methacrylate
 Concen: 19.753 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.0	73.6
39	29.1	23.1	34.7





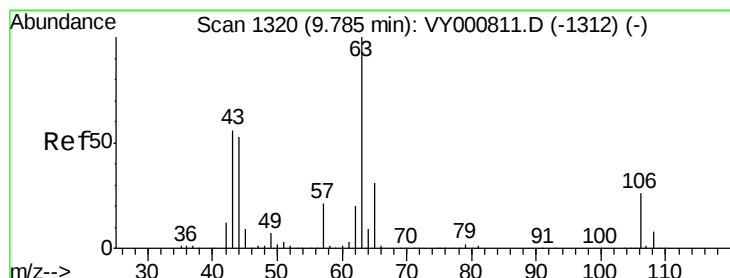
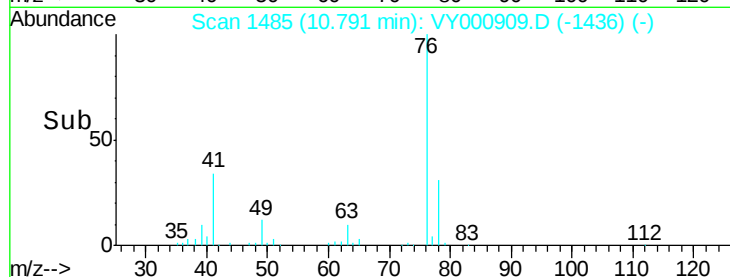
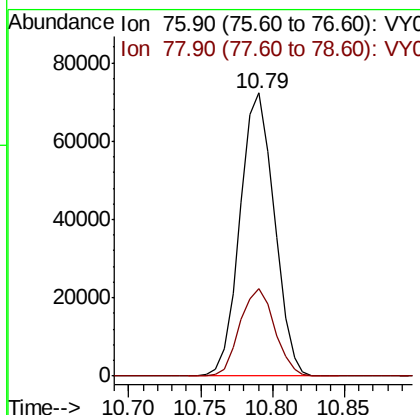
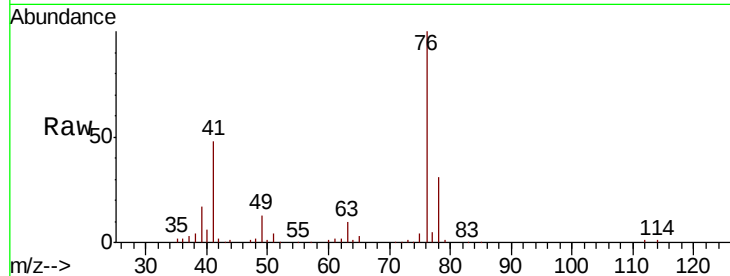
#57
 1,3-Dichloropropane
 Concen: 20.891 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.4	39.6

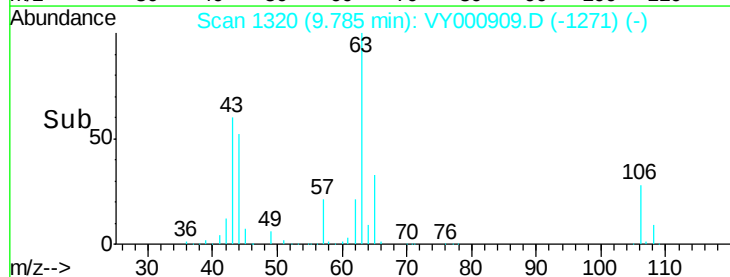
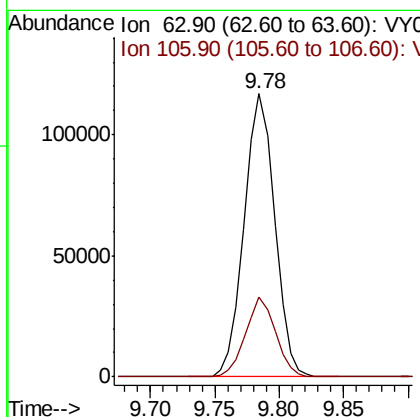
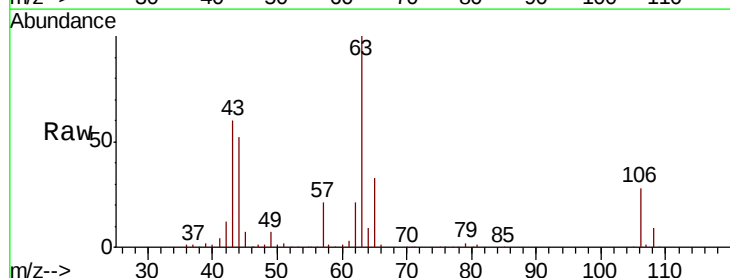
Manual Integrations
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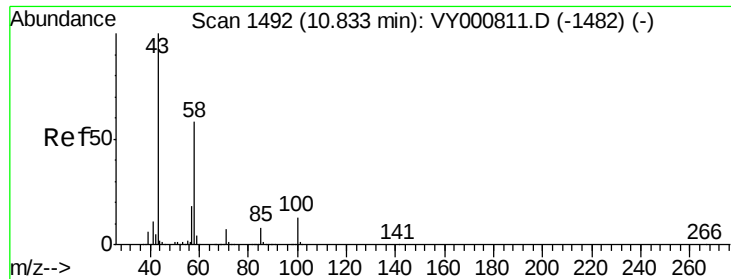
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#58
 2-Chloroethyl Vinyl ether
 Concen: 101.084 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	21.5	32.3





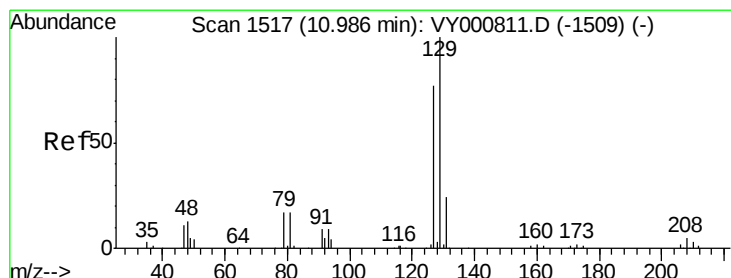
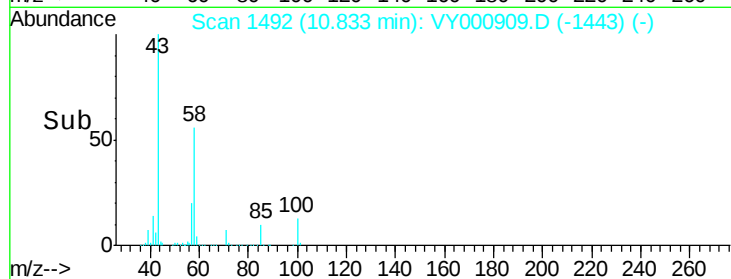
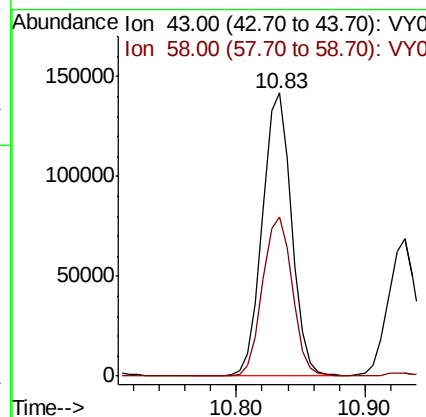
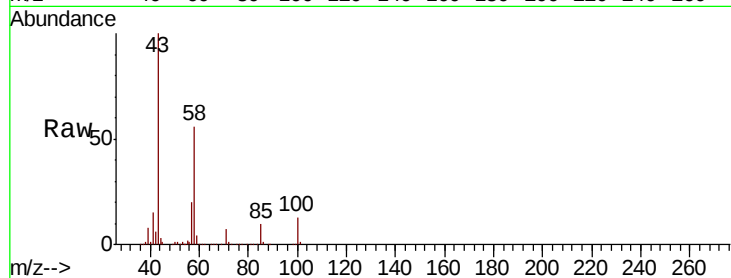
#59
2-Hexanone
Concen: 92.774 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 43 Resp: 221293
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.1

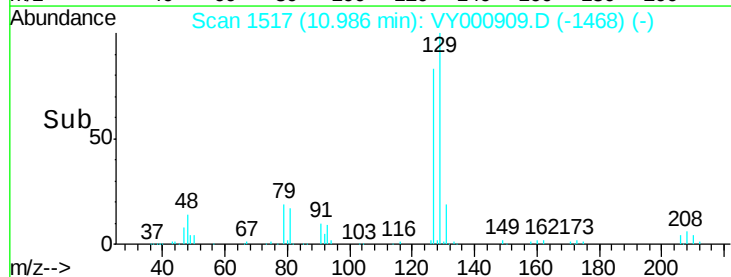
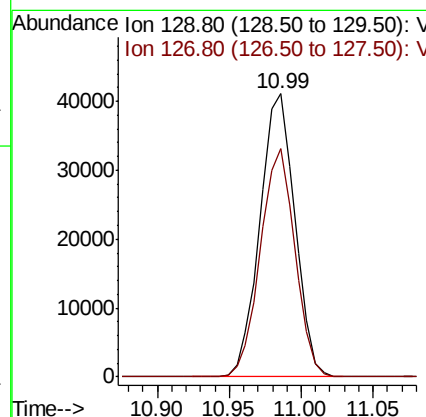
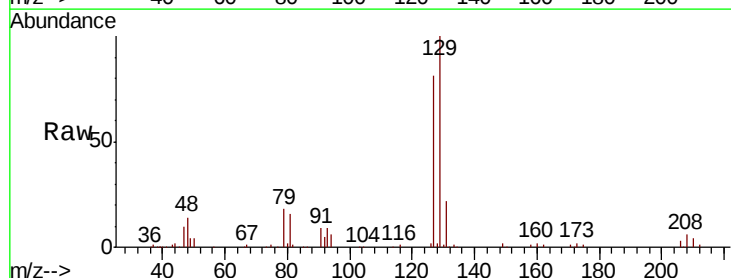
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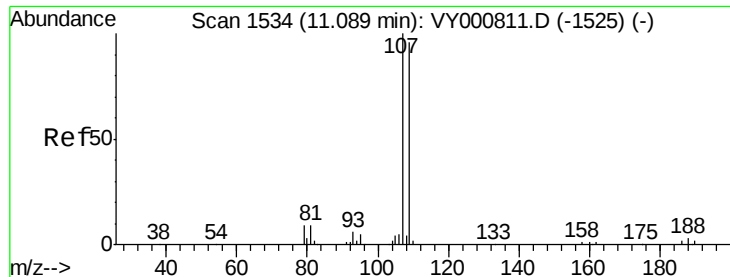
apatel
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#60
Dibromochloromethane
Concen: 19.499 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 129 Resp: 69029
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2





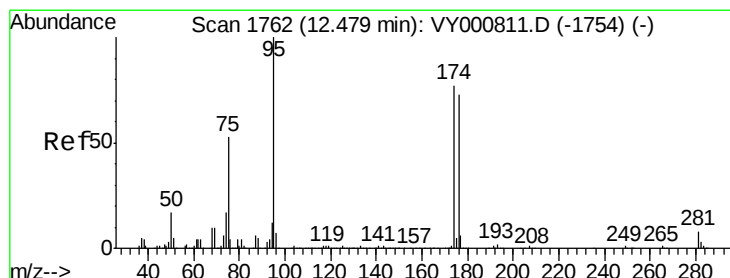
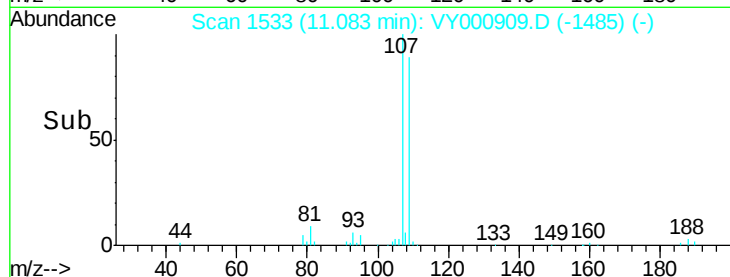
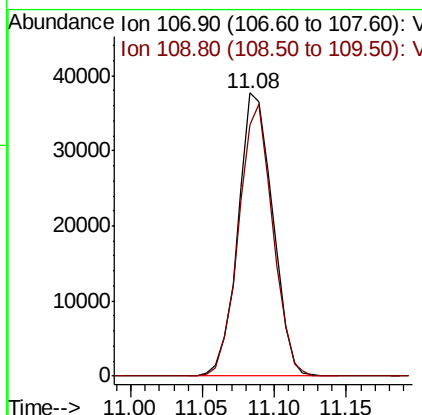
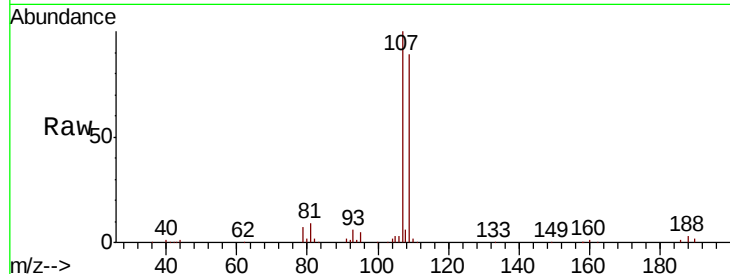
#61
 1,2-Dibromoethane
 Concen: 20.279 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.9	113.9

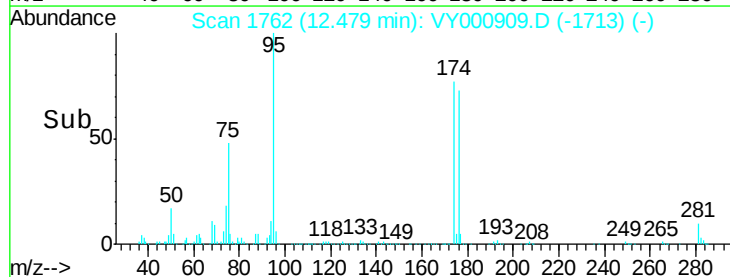
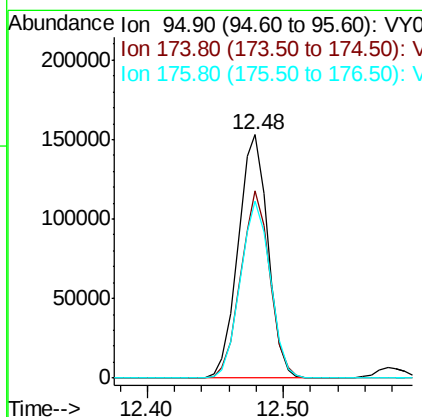
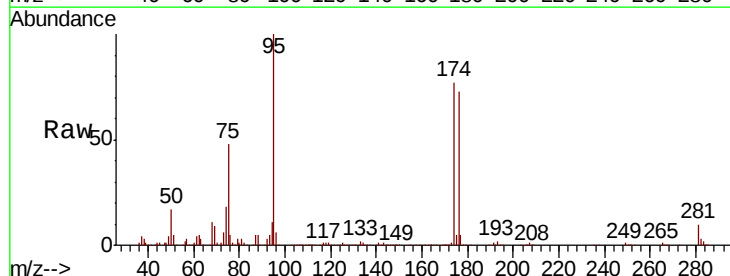
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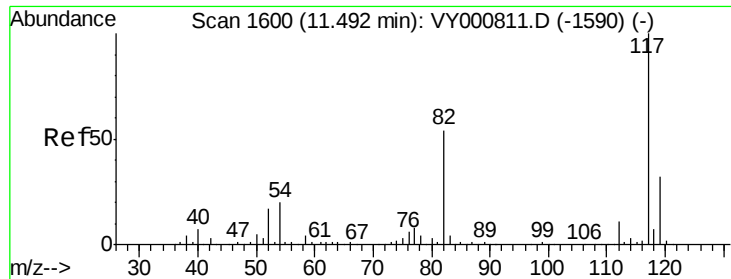
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.507 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.6
176	73.5	0.0	145.2





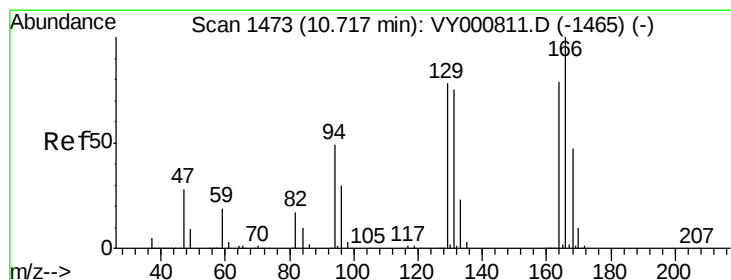
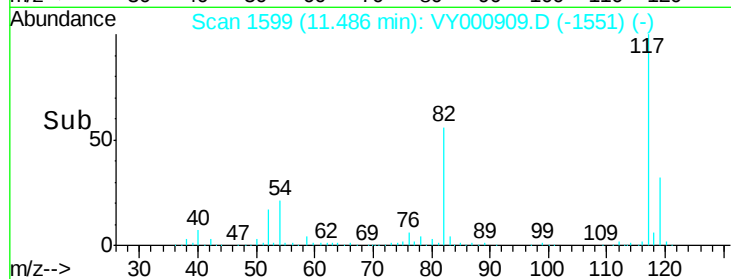
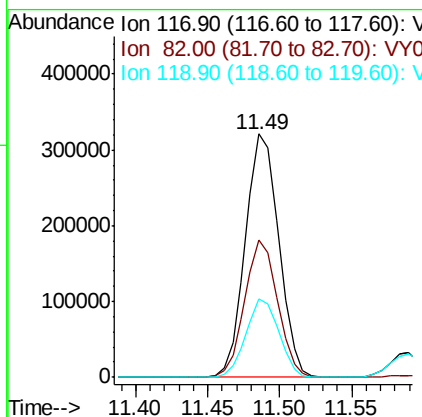
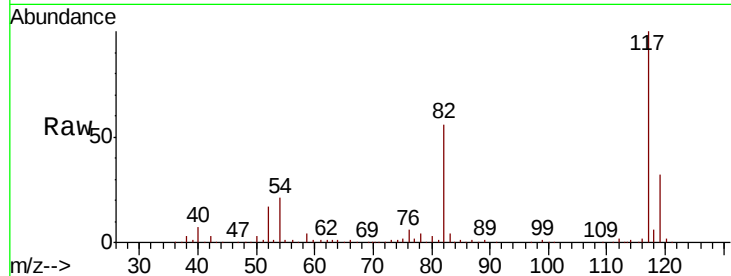
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.1	64.7
119	32.2	25.3	37.9

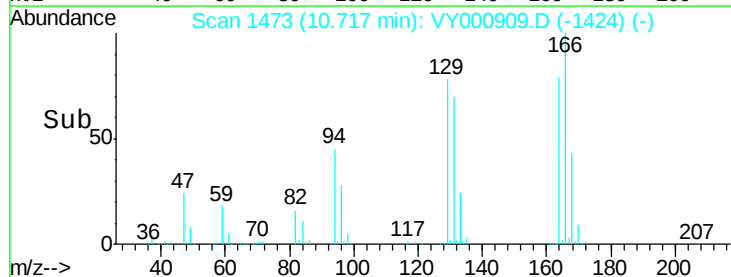
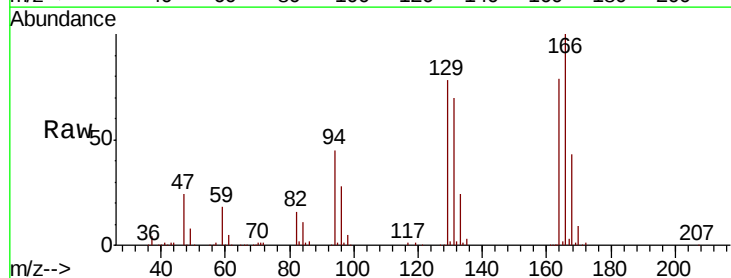
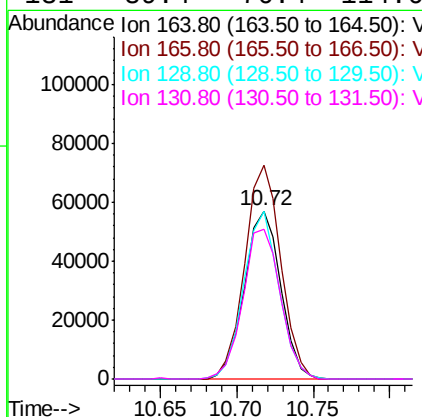
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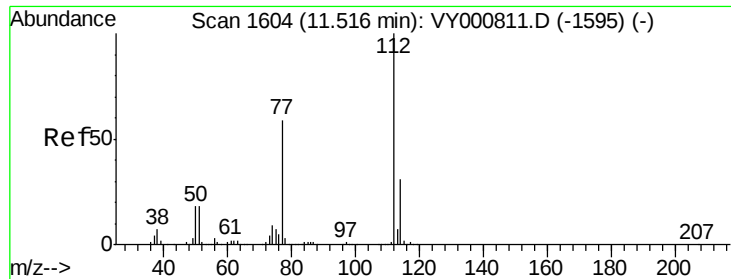
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#64
Tetrachloroethene
Concen: 20.990 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	101.8	152.8
129	99.7	79.3	118.9
131	89.4	76.4	114.6





#65

Chlorobenzene

Concen: 20.153 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:112 Resp: 216329

Ion Ratio Lower Upper

112 100

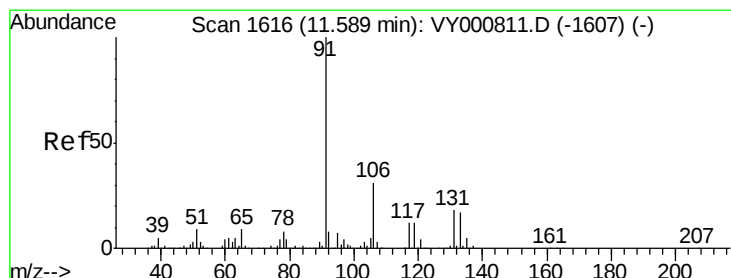
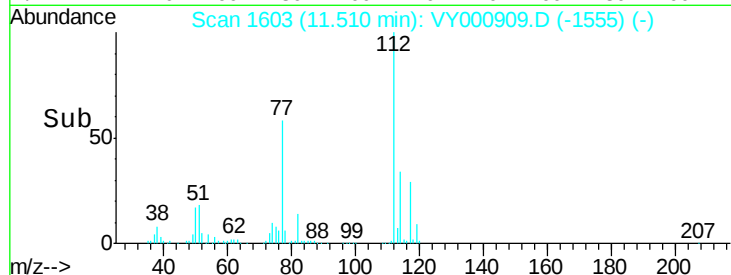
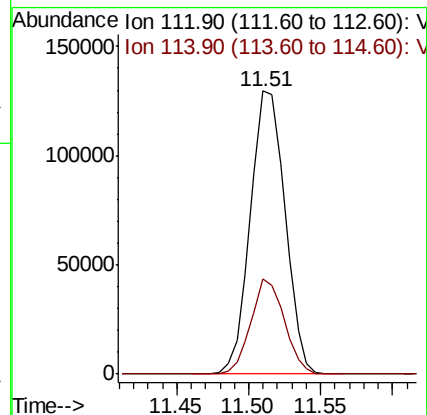
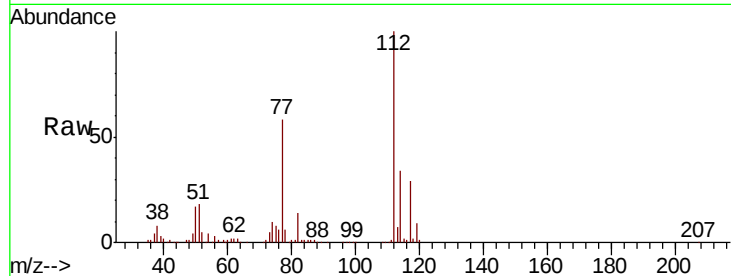
114 33.7 25.1 37.7

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.075 ug/l

RT: 11.58 min Scan# 1615

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

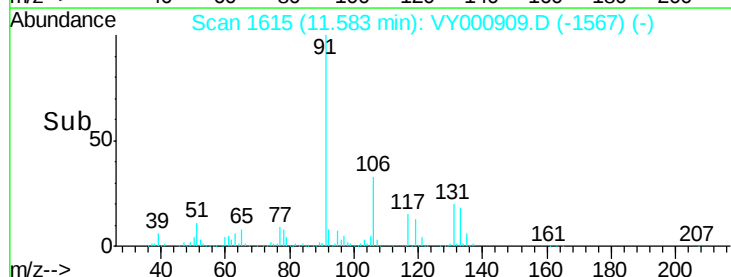
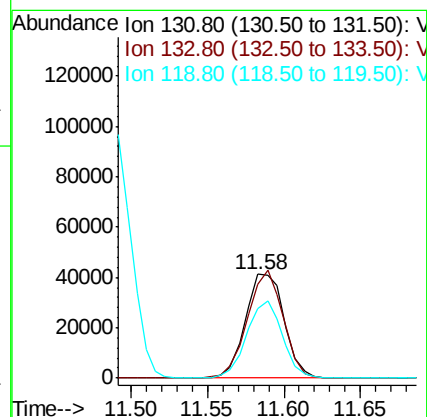
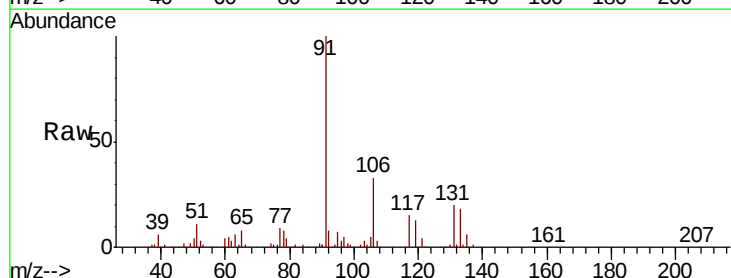
Tgt Ion:131 Resp: 72622

Ion Ratio Lower Upper

131 100

133 95.3 47.4 142.2

119 68.3 33.8 101.3





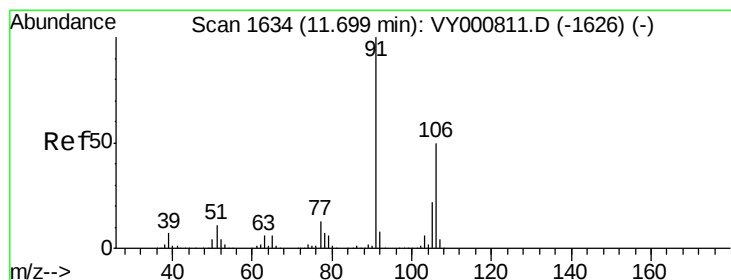
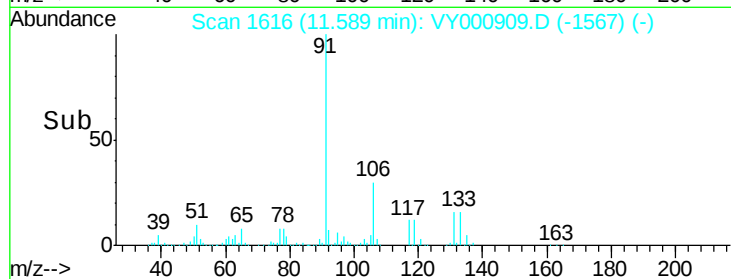
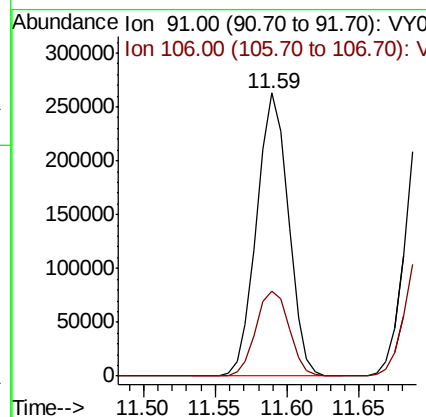
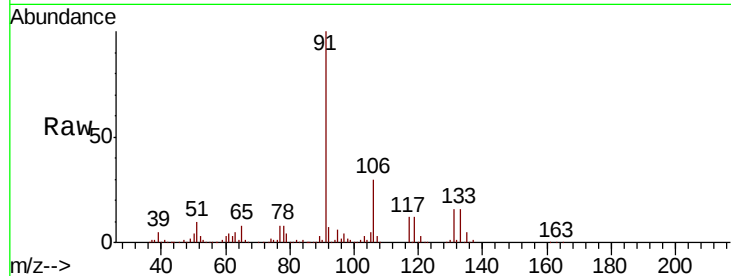
#67
Ethyl Benzene
Concen: 20.017 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion: 91 Resp: 400169
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6

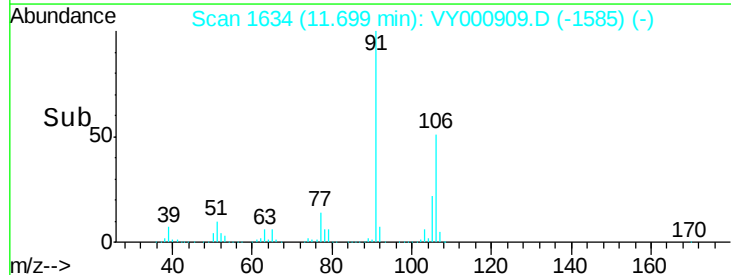
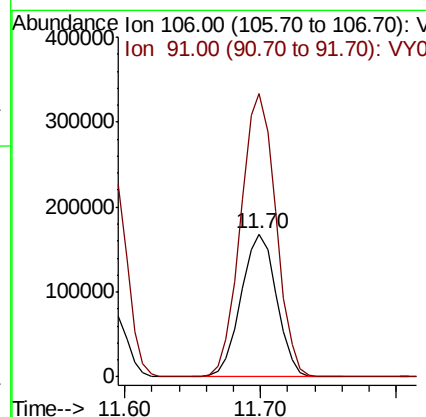
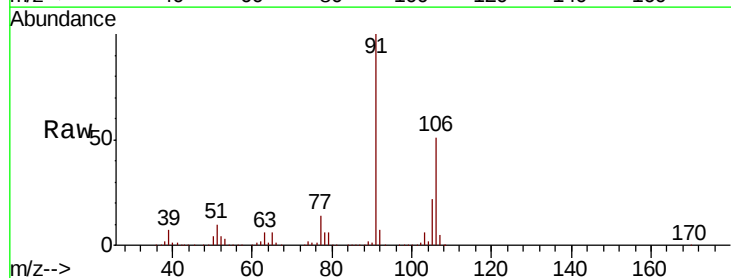
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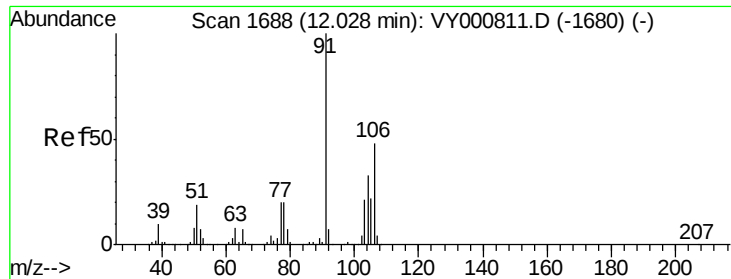
apatel
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#68
m/p-Xylenes
Concen: 40.776 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion: 106 Resp: 305971
Ion Ratio Lower Upper
106 100
91 197.4 159.6 239.4





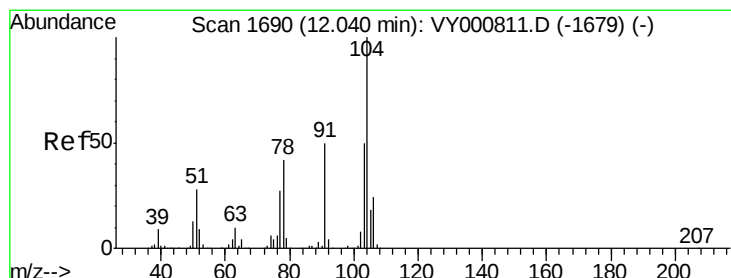
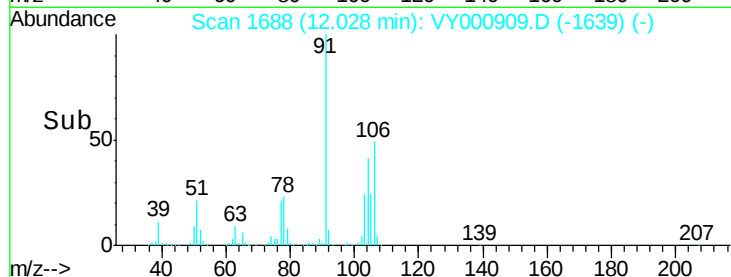
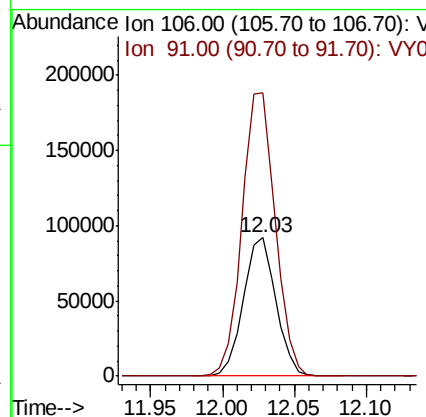
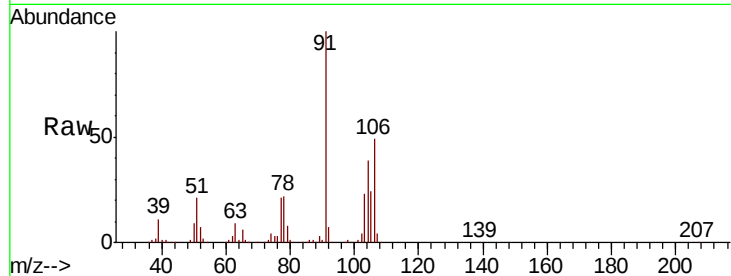
#69
o-Xylene
Concen: 20.485 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		143320		
91	209.8	106.1	318.1		

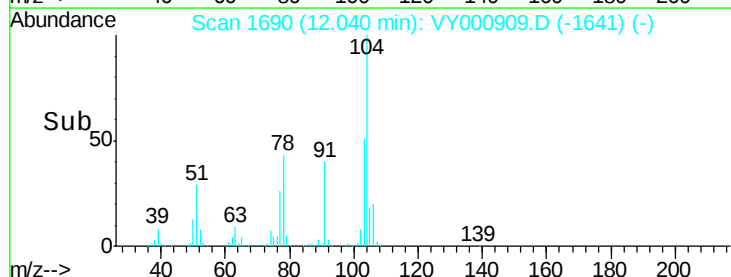
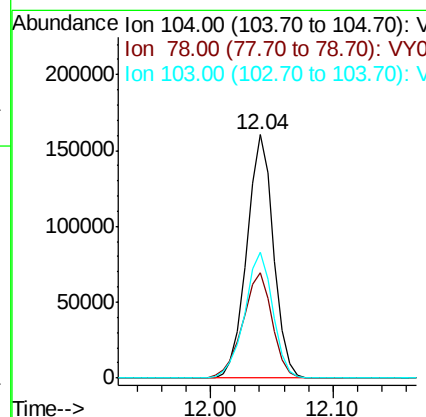
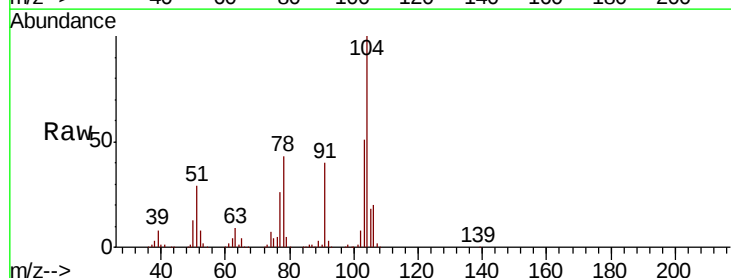
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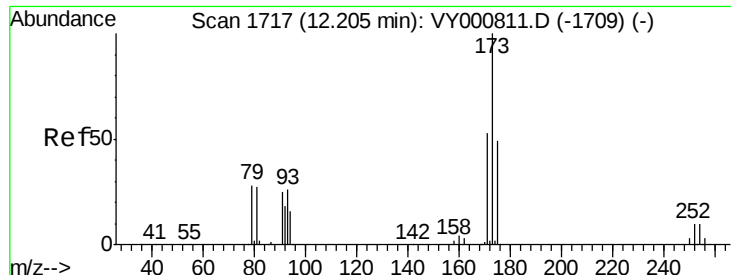
apatel
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#70
Styrene
Concen: 20.239 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		242457		
78	47.5	38.2	57.4		
103	54.4	43.4	65.0		





#71

Bromoform

Concen: 19.988 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:173 Resp: 40781

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

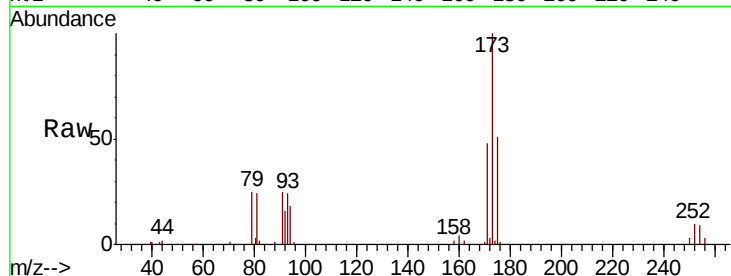
254 0.0 0.0 0.0

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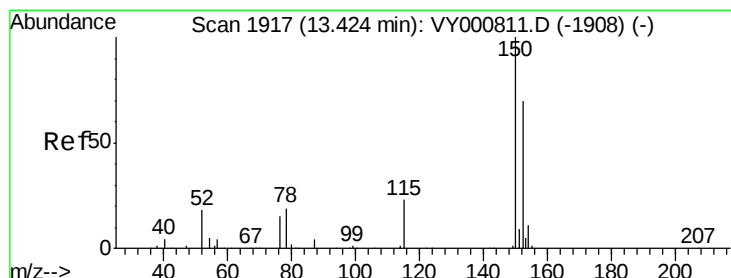
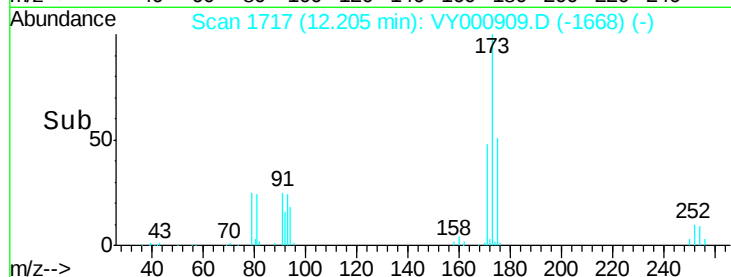
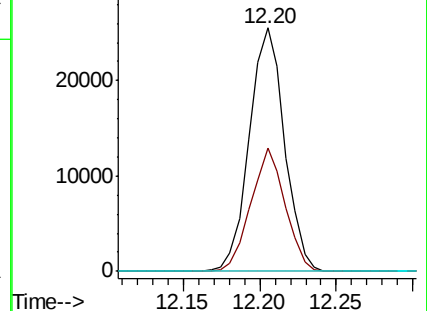
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY000909.D

Acq: 09 Dec 2019 12:30

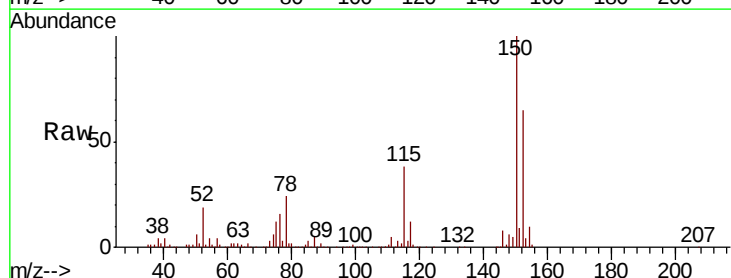
Tgt Ion:152 Resp: 244430

Ion Ratio Lower Upper

152 100

115 61.4 29.3 87.8

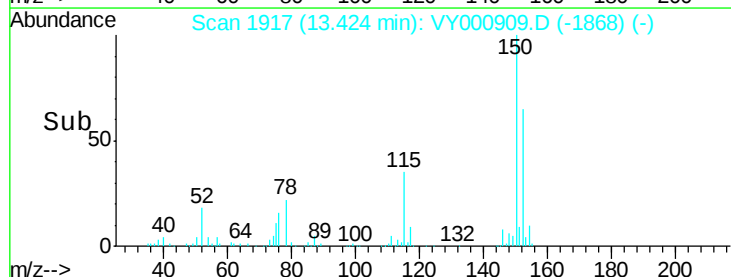
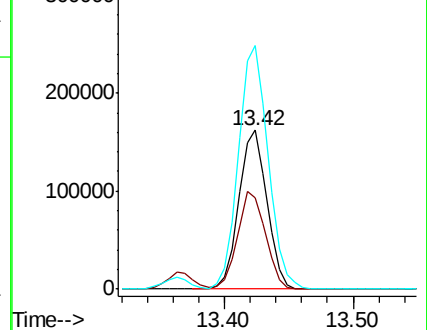
150 162.4 0.0 351.2

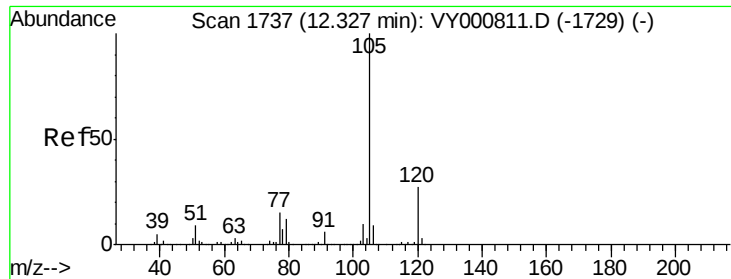


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





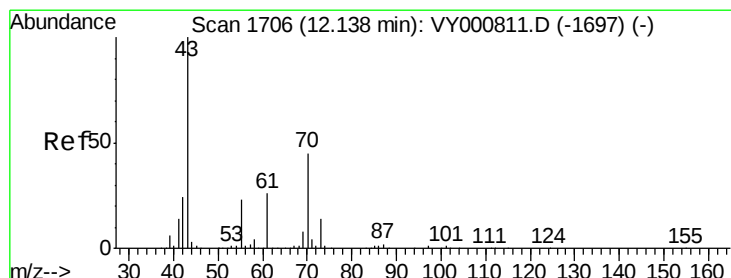
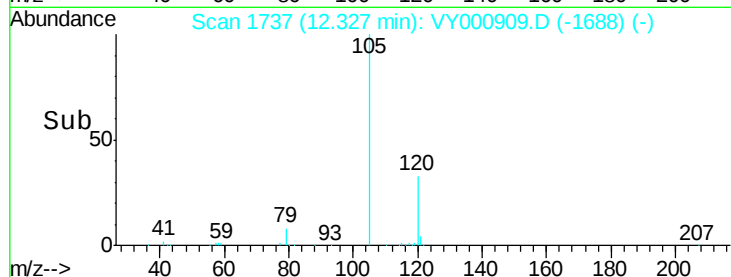
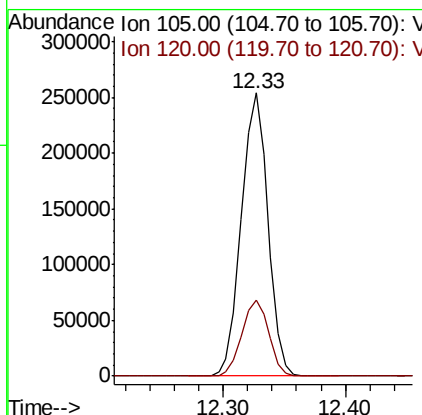
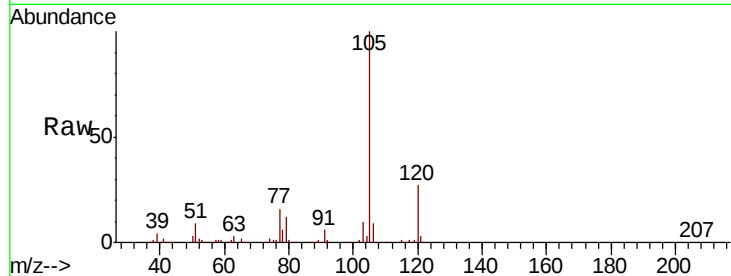
#73
Isopropylbenzene
Concen: 19.624 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.4	40.2

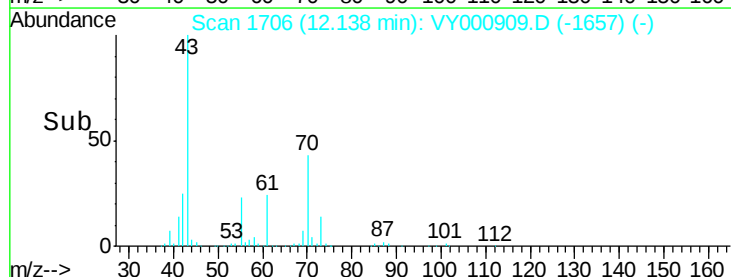
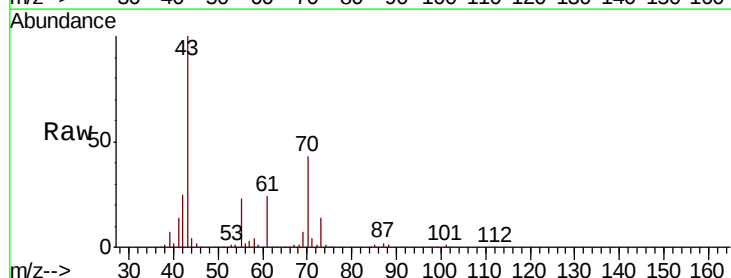
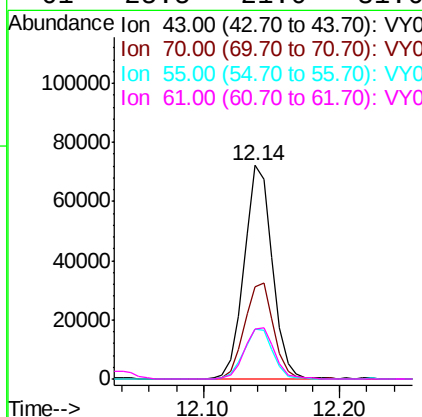
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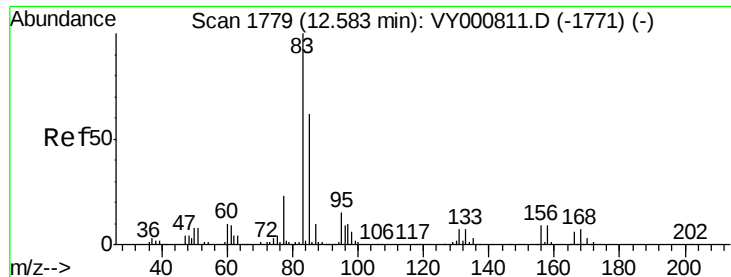
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#74
N-ethyl acetate
Concen: 19.301 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	46.1	36.6	54.8
55	24.2	18.8	28.2
61	25.5	21.0	31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.739 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

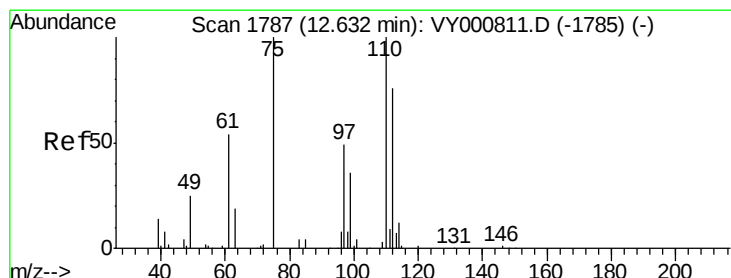
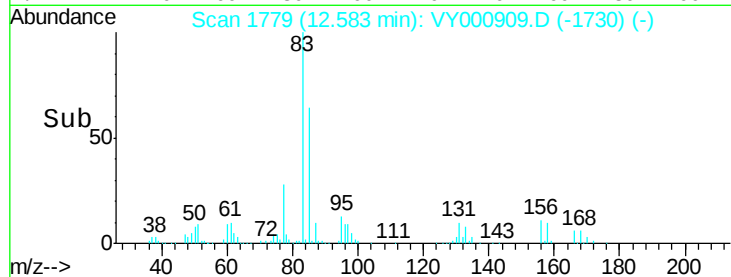
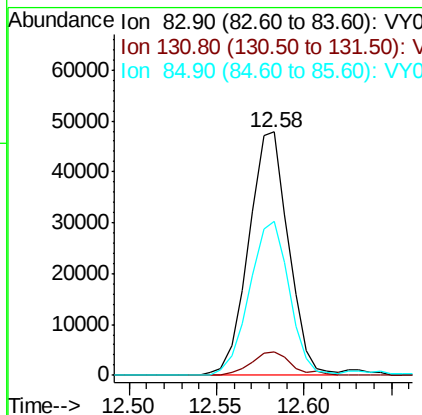
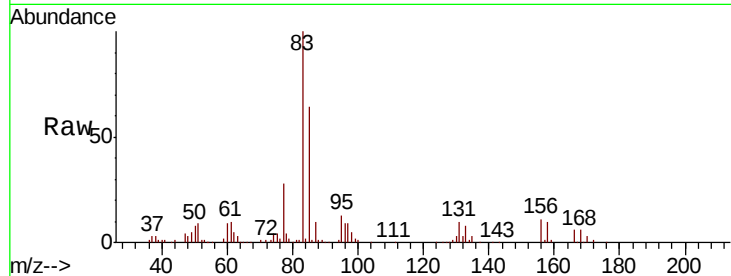
ClientSampleId :

VY1209SBS01

Tot Ion	83	Resp	75694
Ion Ratio	100	Lower	Upper
83	100		
131	10.0	4.3	13.1
85	63.5	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.298 ug/l m

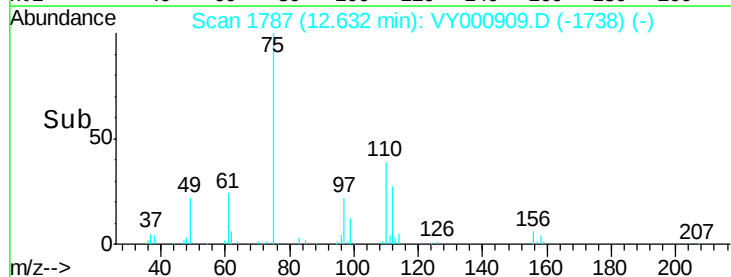
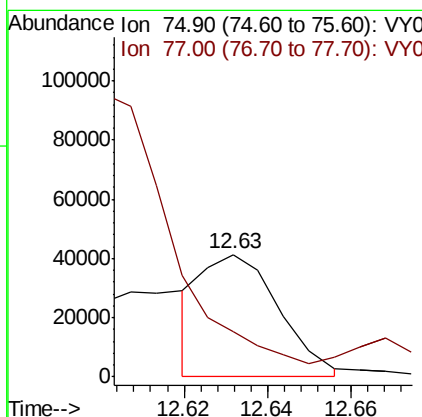
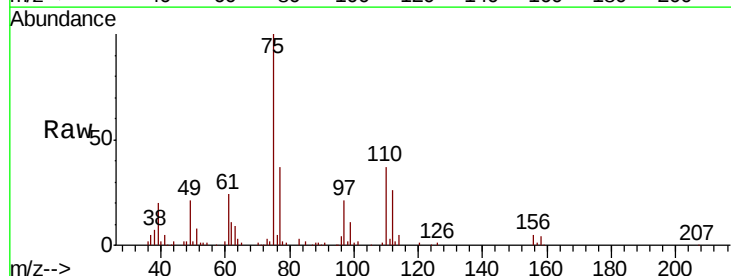
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Tgt Ion	75	Resp	53442
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.060 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:156 Resp: 84626

Ion Ratio Lower Upper

156 100

77 205.6 102.6 307.7

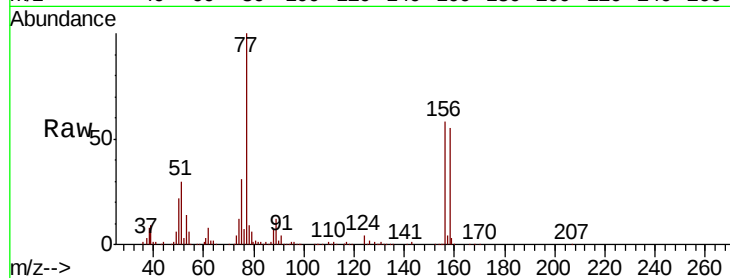
158 97.0 47.6 142.8

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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

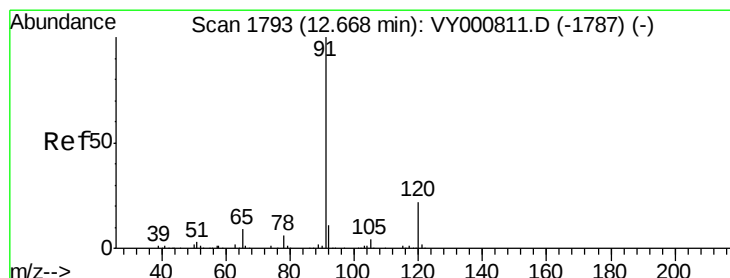
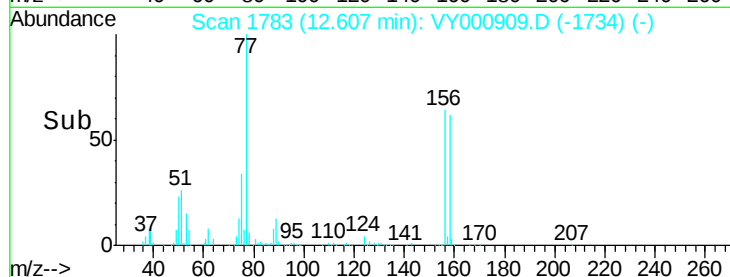
40000

20000

0

12.55 12.60 12.65

Time-->



#78

n-propylbenzene

Concen: 19.867 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000909.D

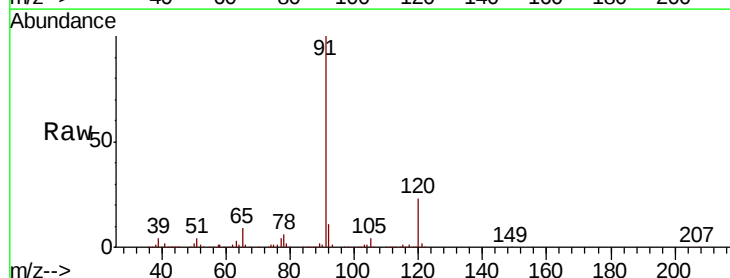
Acq: 09 Dec 2019 12:30

Tgt Ion: 91 Resp: 472109

Ion Ratio Lower Upper

91 100

120 22.2 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

300000

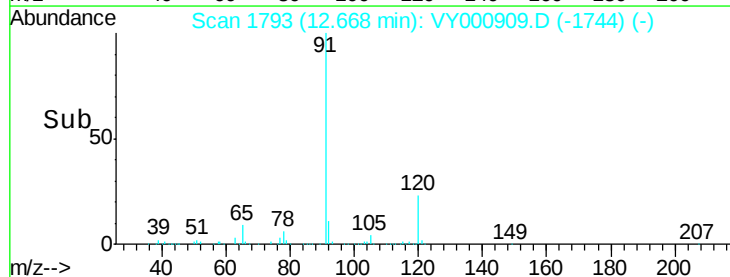
200000

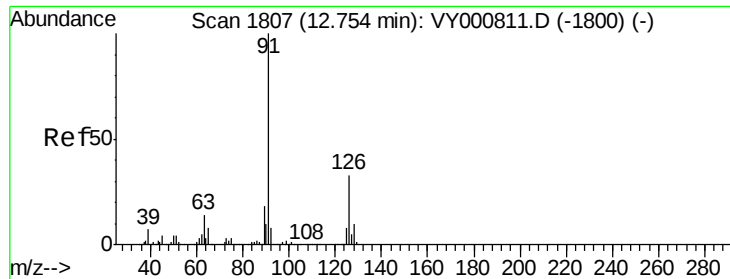
100000

0

12.60 12.65 12.70

Time-->





#79

2-Chlorotoluene

Concen: 19.913 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion: 91 Resp: 261424

Ion Ratio Lower Upper

91 100

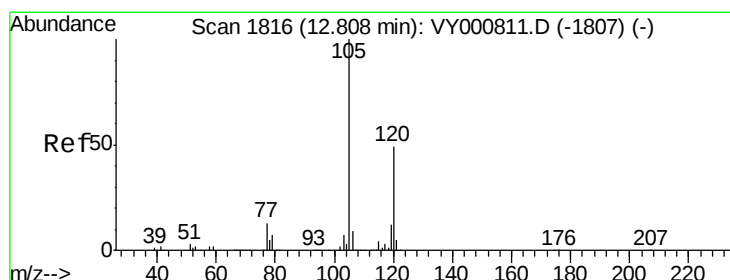
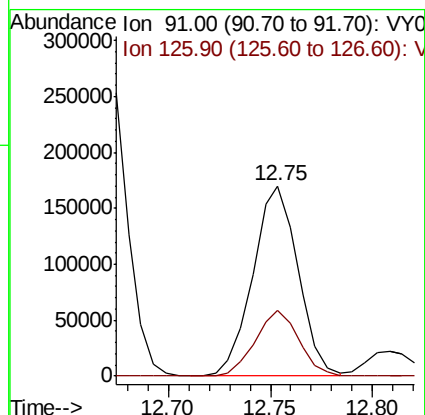
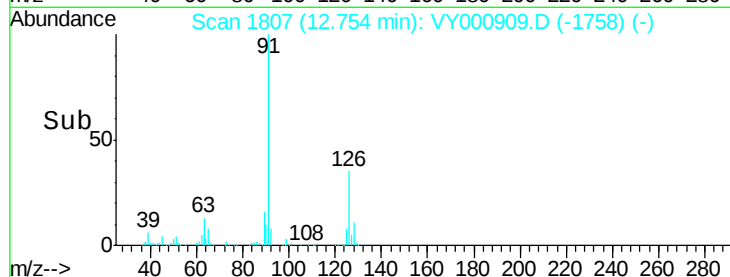
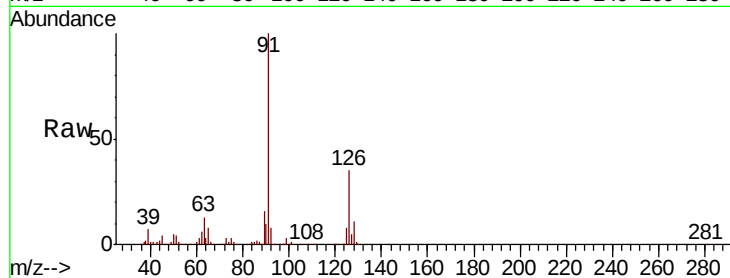
126 33.6 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.941 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000909.D

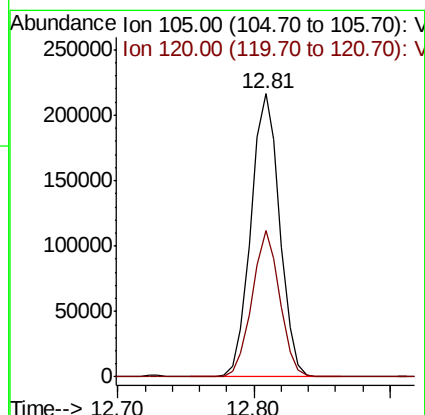
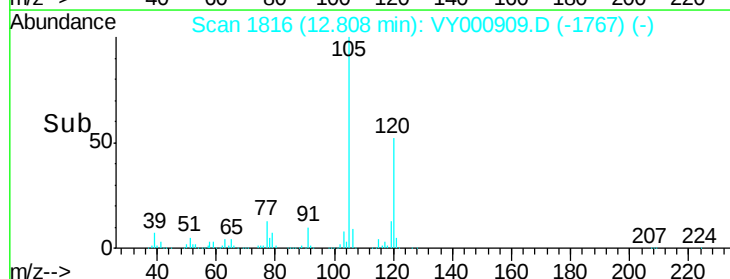
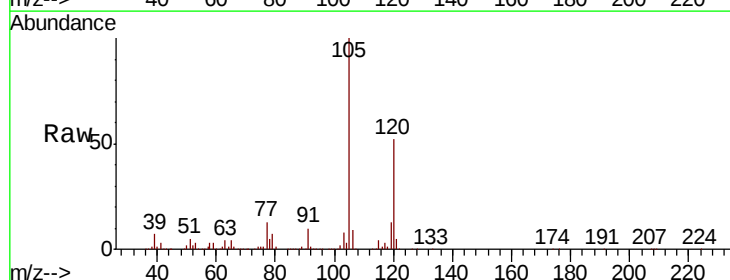
Acq: 09 Dec 2019 12:30

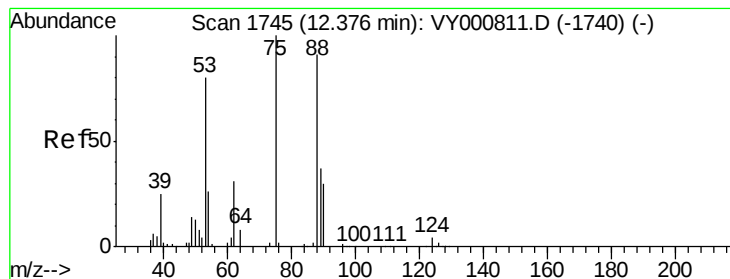
Tgt Ion: 105 Resp: 321331

Ion Ratio Lower Upper

105 100

120 49.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.262 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

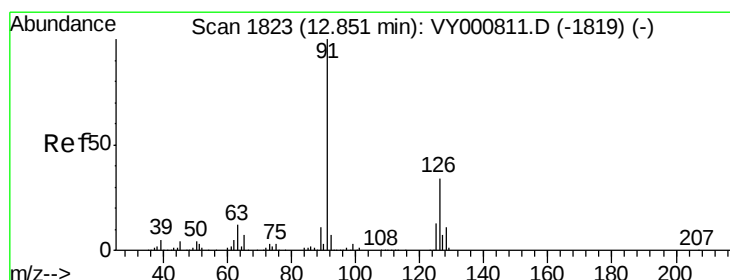
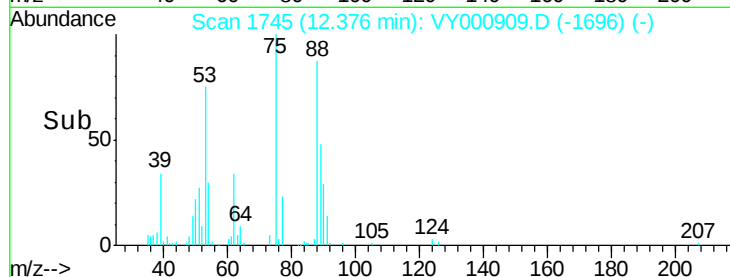
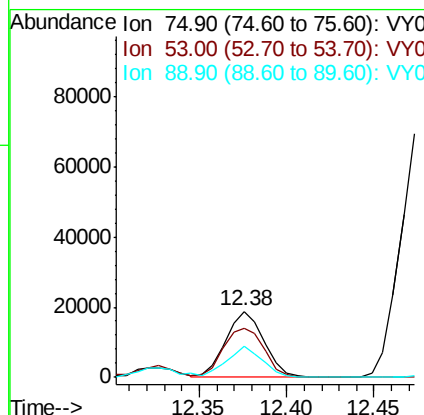
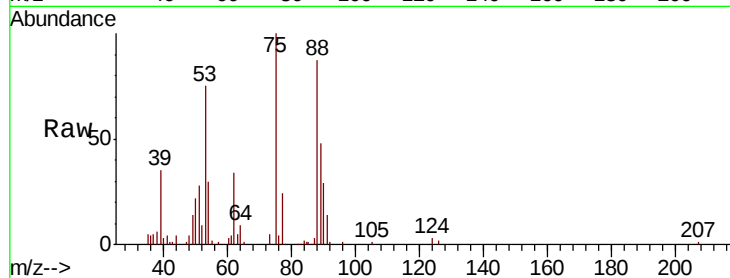
ClientSampleId :

VY1209SBS01

Tot Ion:	75	Resp:	28566
Ion Ratio	Lower	Upper	
75	100		
53	79.4	64.6	96.8
89	43.8	33.6	50.4

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#82

4-Chlorotoluene

Concen: 20.321 ug/l

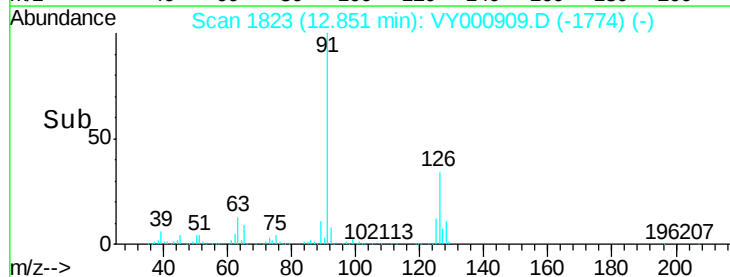
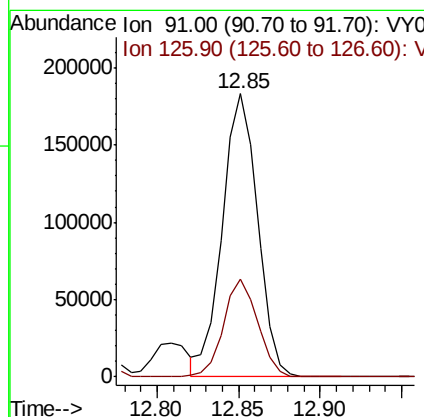
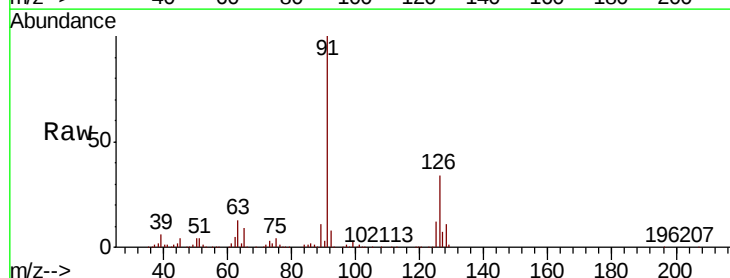
RT: 12.85 min Scan# 1823

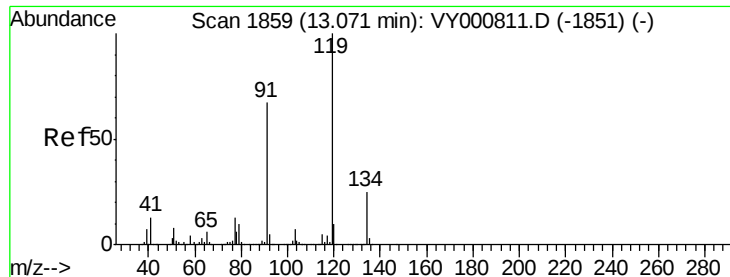
Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Tgt Ion:	91	Resp:	274846
Ion Ratio	Lower	Upper	
91	100		
126	33.5	17.3	51.9





#83

tert-Butylbenzene

Concen: 20.268 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

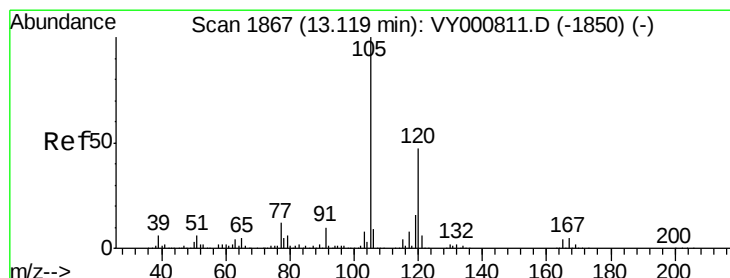
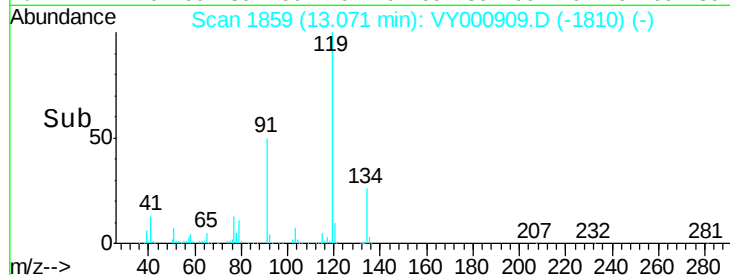
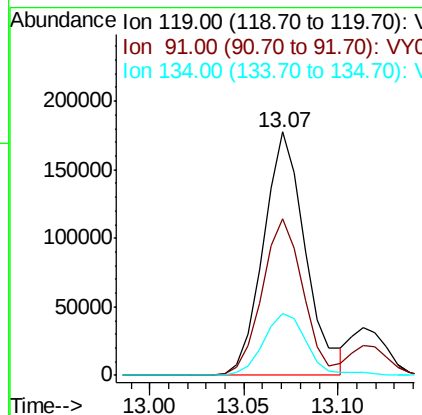
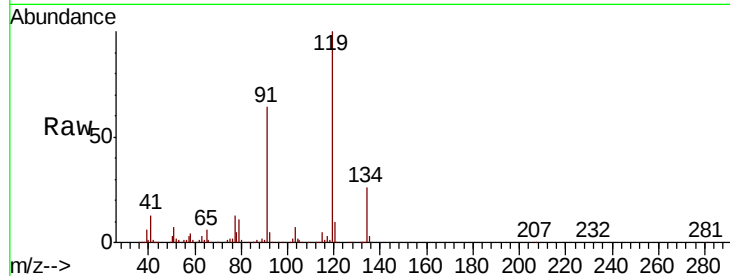
ClientSampleId :

VY1209SBS01

Tot Ion:	119	Resp:	274592
Ion Ratio	Lower	Upper	
119	100		
91	62.1	32.3	96.8
134	26.1	12.9	38.7

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#84

1,2,4-Trimethylbenzene

Concen: 19.965 ug/l

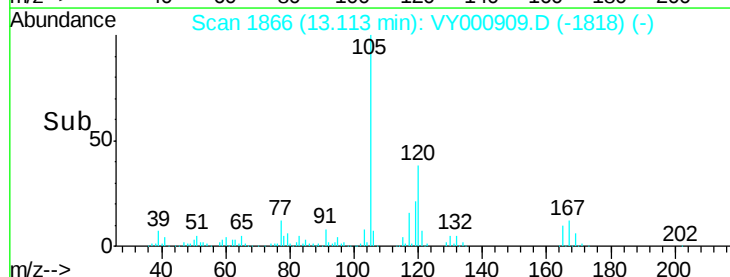
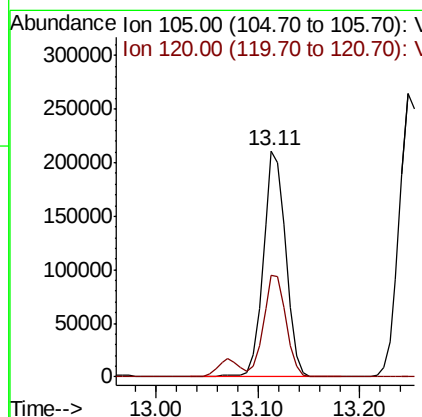
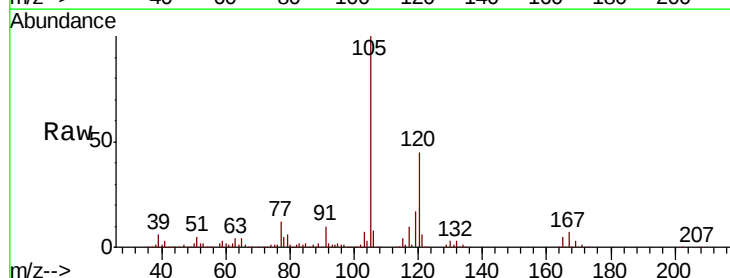
RT: 13.11 min Scan# 1866

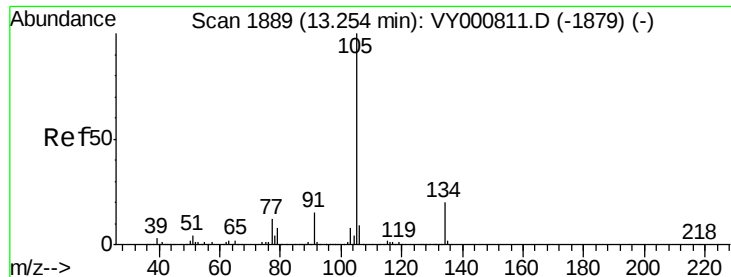
Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Tgt Ion:	105	Resp:	321871
Ion Ratio	Lower	Upper	
105	100		
120	45.5	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.075 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1209SBS01

Tot Ion:105 Resp: 395550

Ion Ratio Lower Upper

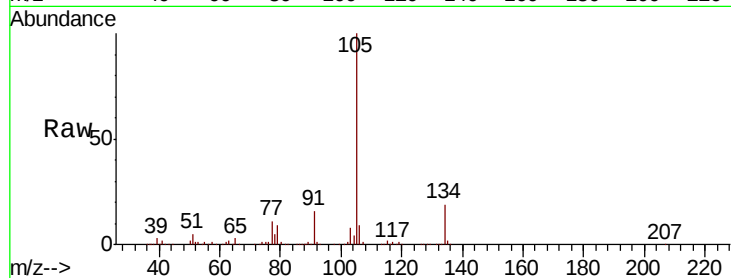
105 100

134 19.7 10.1 30.1

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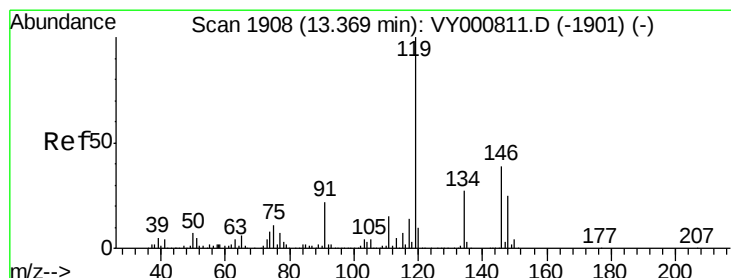
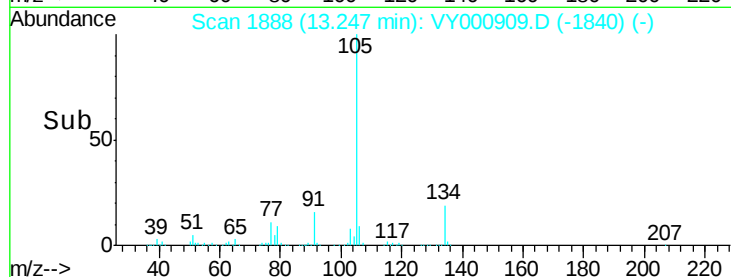
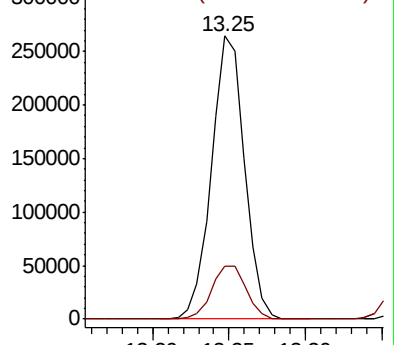
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.136 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY000909.D

Acq: 09 Dec 2019 12:30

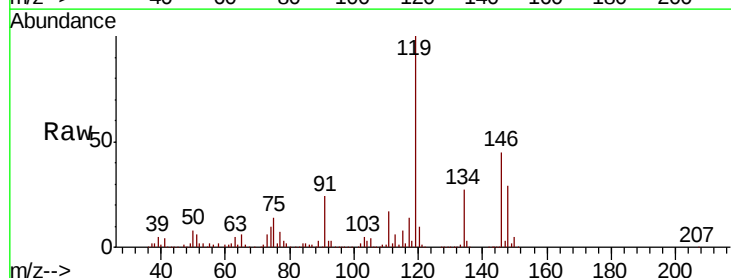
Tgt Ion:119 Resp: 345090

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

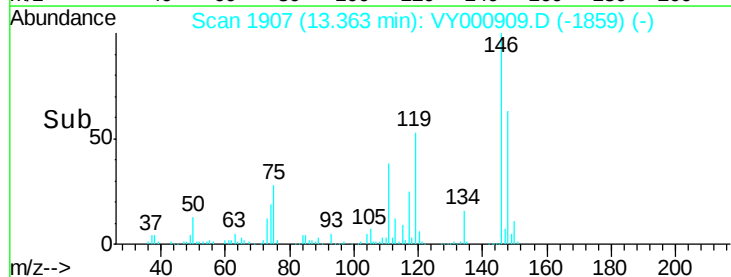
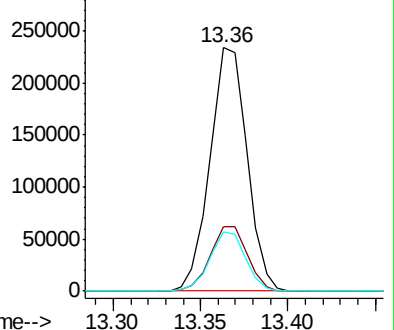
91 23.6 11.5 34.5

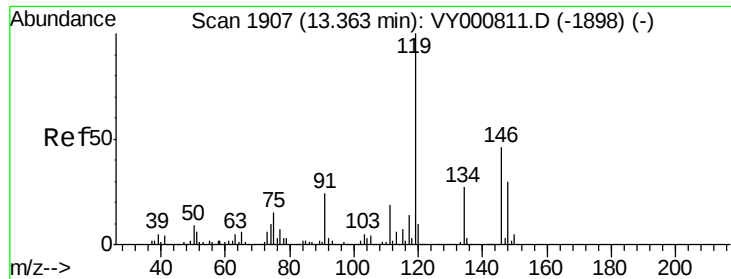


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





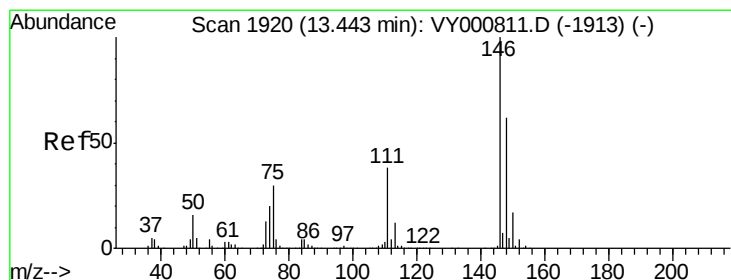
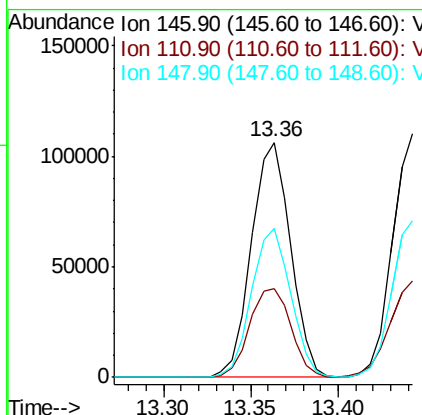
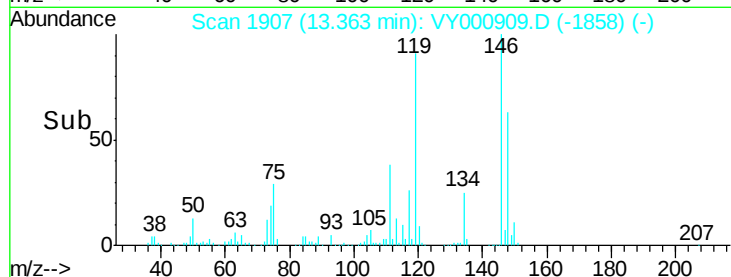
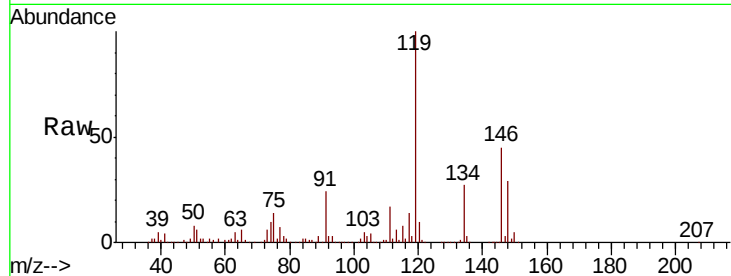
#87
 1,3-Dichlorobenzene
 Concen: 20.018 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	165663		
111	40.4	20.0	60.0	
148	63.3	32.1	96.5	

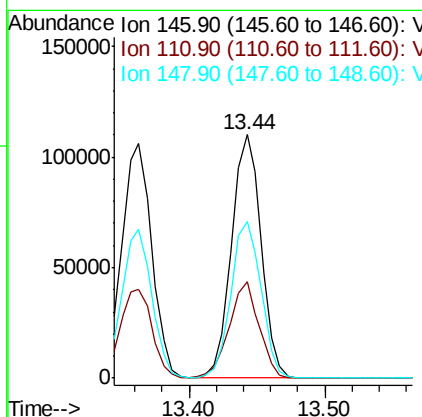
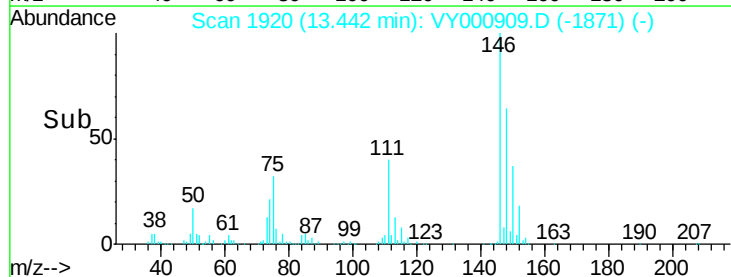
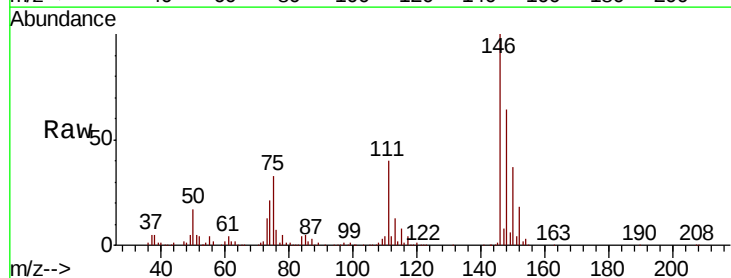
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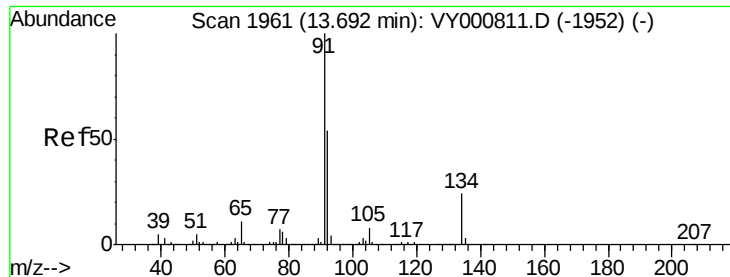
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#88
 1,4-Dichlorobenzene
 Concen: 20.289 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	166253		
111	40.1	20.0	59.9	
148	65.2	31.7	95.1	





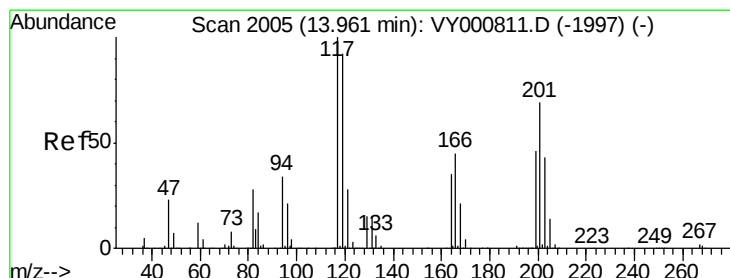
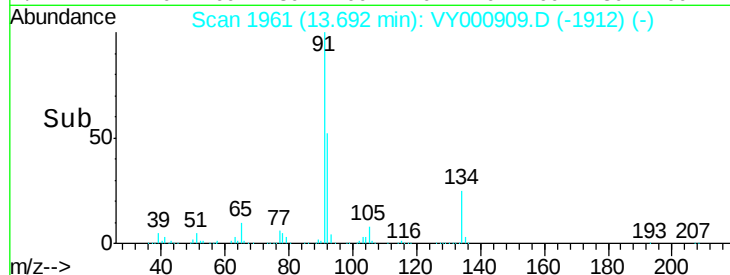
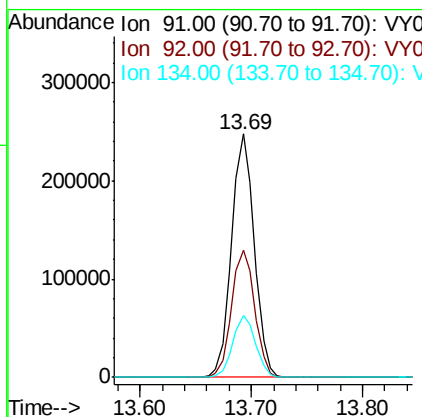
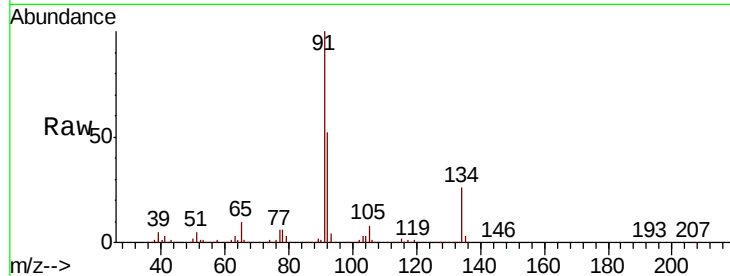
#89
n-Butylbenzene
Concen: 20.155 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.7
134	25.4	12.6	37.6

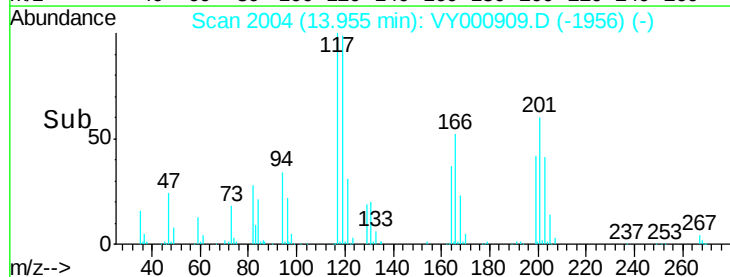
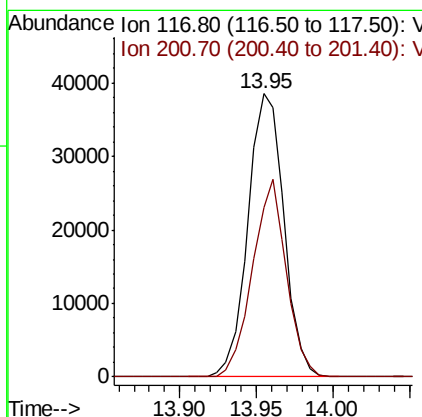
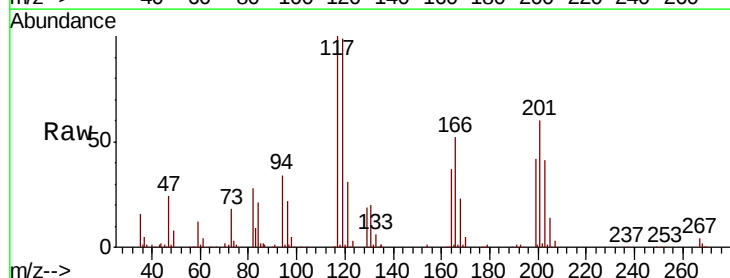
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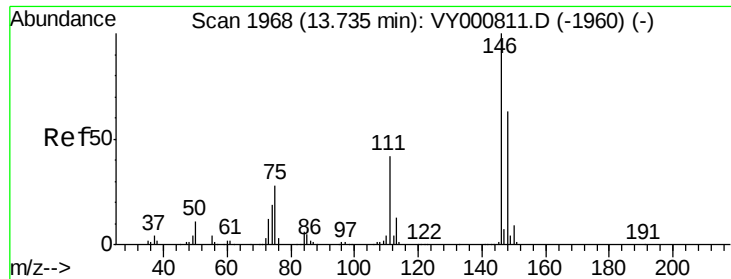
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#90
Hexachloroethane
Concen: 19.918 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.8	34.0	102.0





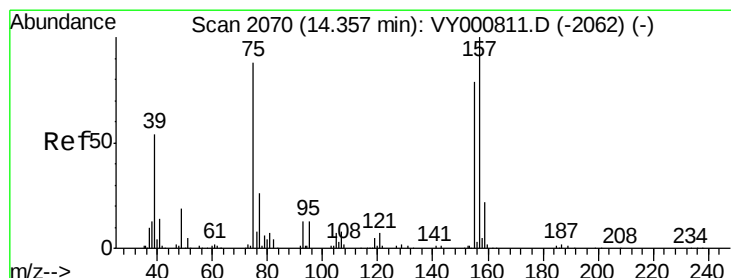
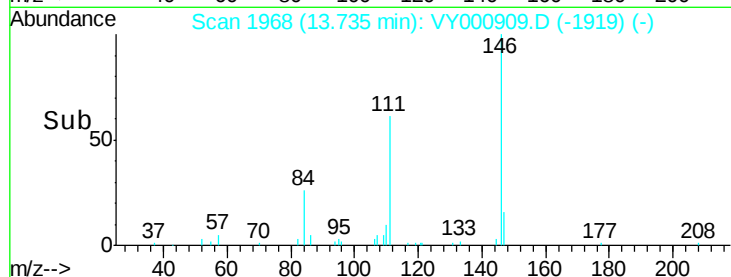
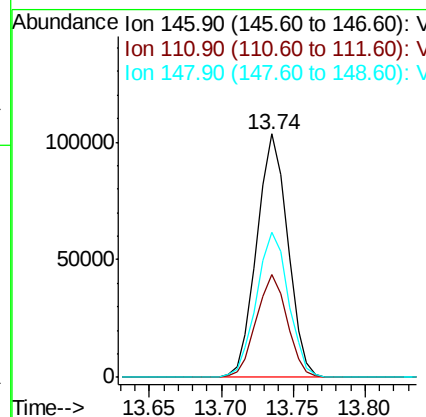
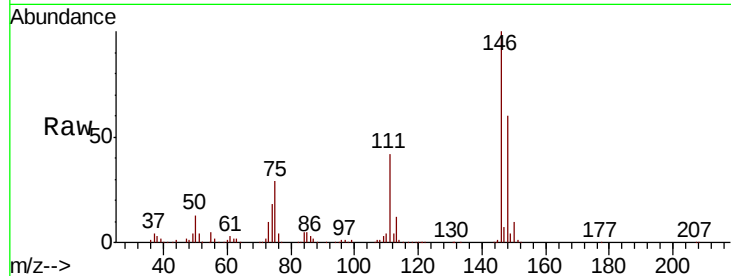
#91
 1,2-Dichlorobenzene
 Concen: 20.651 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.9	62.7
148	61.7	32.1	96.3

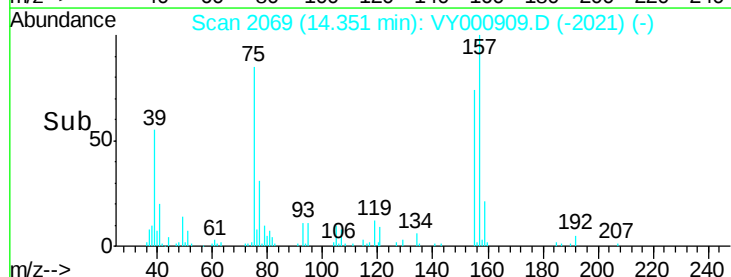
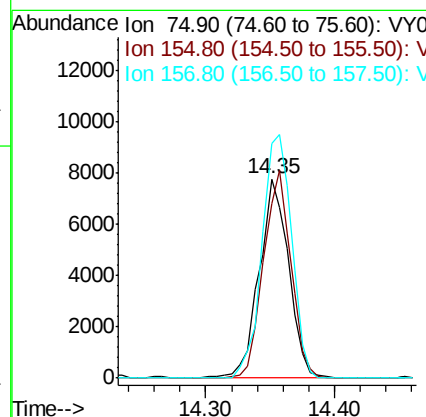
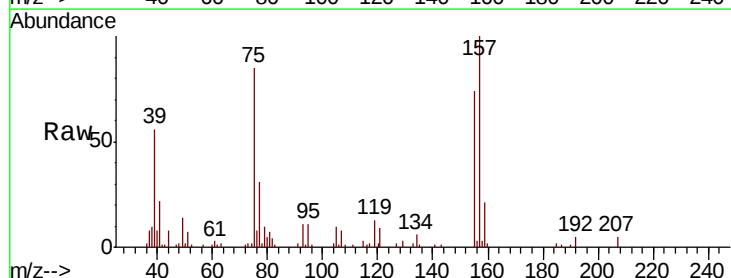
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.120 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.9	44.3	132.9
157	122.6	56.3	168.9





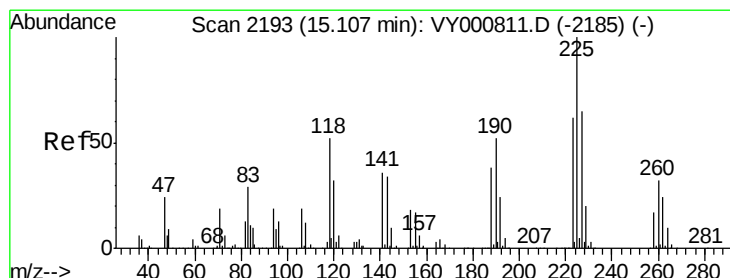
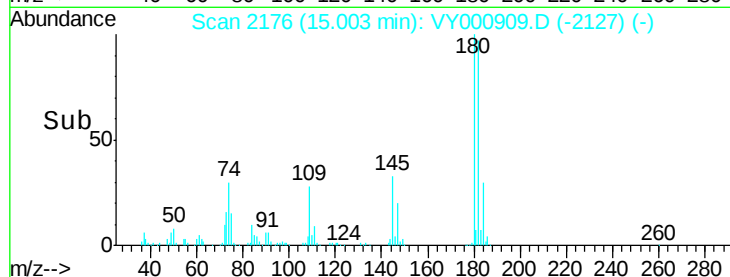
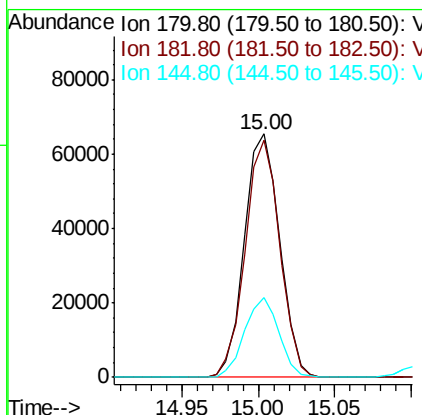
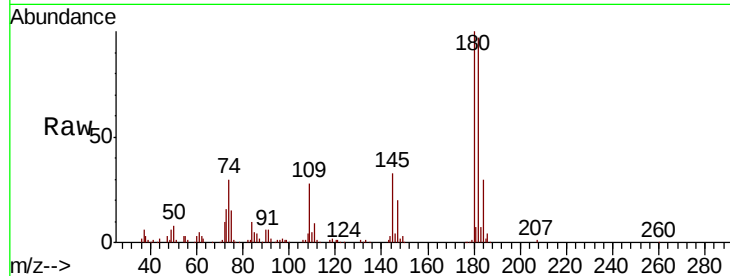
#93
 1,2,4-Trichlorobenzene
 Concen: 20.875 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.5	47.3	141.9	
145	32.0	16.0	47.9	

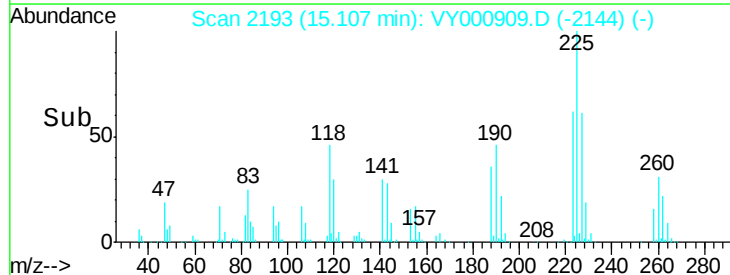
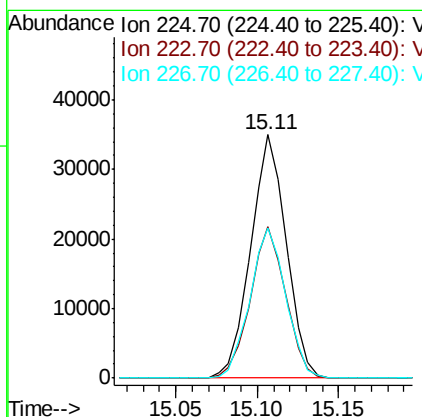
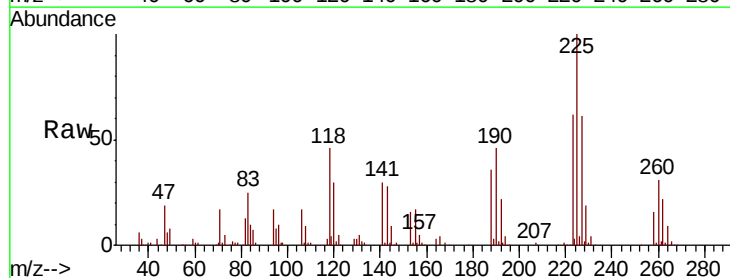
Manual Integrations
 APPROVED

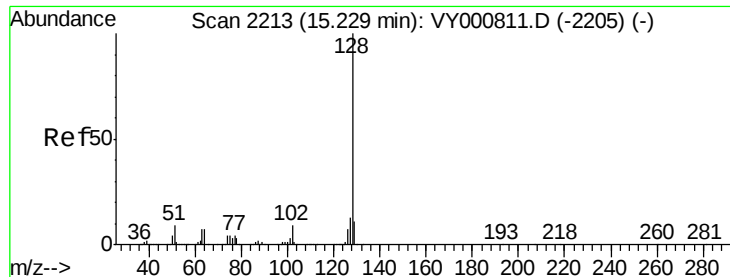
apatel
 12/10/2019 4:08:59 PM



#94
 Hexachlorobutadiene
 Concen: 21.288 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000909.D
 Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	31.4	94.3	
227	61.7	31.8	95.3	





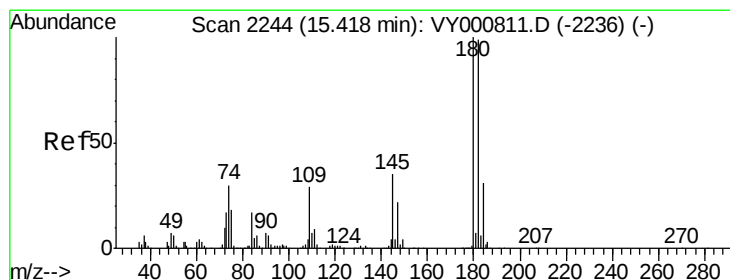
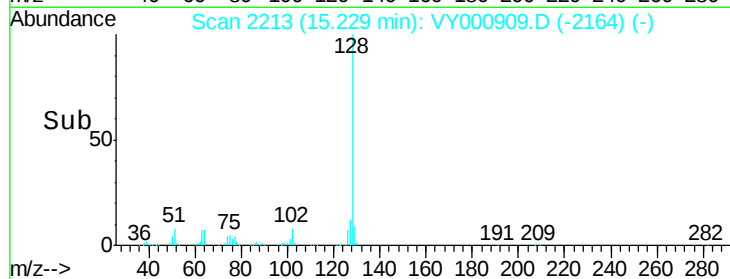
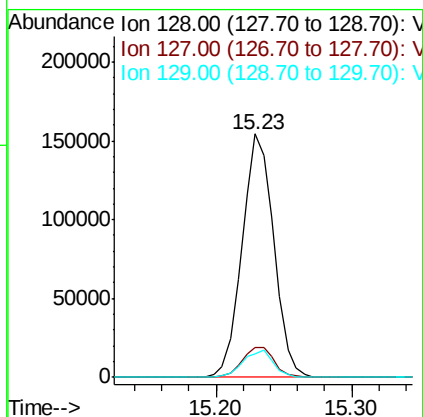
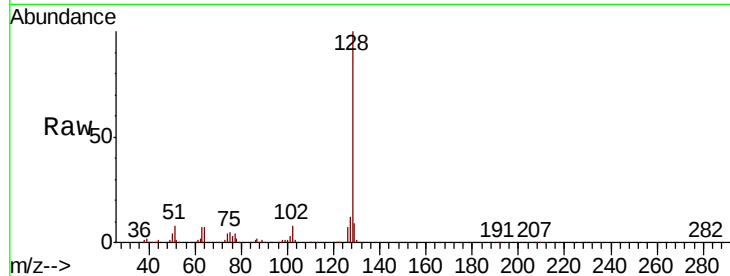
#95
Naphthalene
Concen: 21.444 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1209SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	250820		
127	12.5		10.1	15.1
129	10.7		8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 21.050 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY000909.D
Acq: 09 Dec 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94709		
182	93.5		48.0	144.0
145	33.2		16.9	50.6

