

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY012420\
 Data File : VY001382.D
 Acq On : 24 Jan 2020 15:11
 Operator : SY/MD
 Sample : VY0124SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:02:25 PM

Quant Time: Jan 25 04:31:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	198540	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.71	114	346062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	305148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	146811	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	111410	51.57	ug/l	-0.01
Spiked Amount 50.000			Recovery =	103.14%		
35) Dibromofluoromethane	7.74	113	102532	50.48	ug/l	-0.01
Spiked Amount 50.000			Recovery =	100.96%		
50) Toluene-d8	10.19	98	419165	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery =	106.24%		
62) 4-Bromofluorobenzene	12.49	95	153742	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.84%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	36246	23.150	ug/l	99
3) Chloromethane	2.12	50	52575	22.218	ug/l	98
4) Vinyl Chloride	2.26	62	53922	21.854	ug/l	95
5) Bromomethane	2.64	94	33130	19.937	ug/l	98
6) Chloroethane	2.80	64	33953	21.535	ug/l	94
7) Trichlorofluoromethane	3.13	101	70016	22.178	ug/l	98
8) Diethyl Ether	3.54	74	26500	19.885	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.91	101	44211	21.990	ug/l	100
10) Methyl Iodide	4.10	142	52050	19.629	ug/l	99
11) Tert butyl alcohol	4.97	59	34260	115.726	ug/l	96
12) 1,1-Dichloroethene	3.88	96	44854	21.278	ug/l	91
13) Acrolein	3.74	56	20237	119.557	ug/l	99
14) Allyl chloride	4.50	41	79162	21.058	ug/l	99
15) Acrylonitrile	5.18	53	71489	104.796	ug/l	100
16) Acetone	3.96	43	66816	113.258	ug/l	97
17) Carbon Disulfide	4.21	76	140204	21.148	ug/l	98
18) Methyl Acetate	4.49	43	36998	20.308	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	126719	20.531	ug/l	99
20) Methylene Chloride	4.73	84	53006	17.078	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	51083	20.862	ug/l	96
22) Diisopropyl ether	6.14	45	162847	20.400	ug/l	95
23) Vinyl Acetate	6.08	43	536028	103.433	ug/l	100
24) 1,1-Dichloroethane	6.04	63	87477	20.790	ug/l	98
25) 2-Butanone	7.01	43	102870	109.399	ug/l	94
26) 2,2-Dichloropropane	7.00	77	76468	20.403	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	56021	20.471	ug/l	99
28) Bromochloromethane	7.35	49	31870	18.367	ug/l	97
29) Tetrahydrofuran	7.36	42	64093	104.768	ug/l	98
30) Chloroform	7.52	83	83409	20.224	ug/l	99
31) Cyclohexane	7.80	56	90072	21.561	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	73222	21.027	ug/l	99
36) 1,1-Dichloropropene	7.93	75	70791	21.652	ug/l	99
37) Ethyl Acetate	7.10	43	43892	21.973	ug/l	99
38) Carbon Tetrachloride	7.92	117	63395	21.757	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	94241	22.501	ug/l	96
40) Benzene	8.18	78	202910	20.699	ug/l	99
41) Methacrylonitrile	7.35	41	26312m	25.526	ug/l	
42) 1,2-Dichloroethane	8.25	62	57259	20.904	ug/l	99
43) Isopropyl Acetate	8.29	43	83597	21.523	ug/l	99
44) Trichloroethene	8.95	130	52555	20.892	ug/l	98
45) 1,2-Dichloropropane	9.23	63	52551	21.206	ug/l	99
46) Dibromomethane	9.32	93	27369	20.572	ug/l	97
47) Bromodichloromethane	9.51	83	66103	20.785	ug/l	98
48) Methyl methacrylate	9.30	41	37432	21.199	ug/l	97
49) 1,4-Dioxane	9.32	88	8043	428.698	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	214075	107.022	ug/l	99
52) Toluene	10.25	92	130957	21.074	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	71400	20.254	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	83370	20.605	ug/l	96
55) 1,1,2-Trichloroethane	10.66	97	41550	21.159	ug/l	97
56) Ethyl methacrylate	10.52	69	62342	21.005	ug/l	98
57) 1,3-Dichloropropane	10.80	76	71188	20.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	110365	107.463	ug/l	98
59) 2-Hexanone	10.84	43	155033	111.331	ug/l	100
60) Dibromochloromethane	10.99	129	44317	20.178	ug/l	98
61) 1,2-Dibromoethane	11.10	107	38717	20.856	ug/l	99
64) Tetrachloroethene	10.72	164	41923	21.508	ug/l	93
65) Chlorobenzene	11.52	112	135870	21.124	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	45848	20.887	ug/l	100
67) Ethyl Benzene	11.60	91	252463	21.298	ug/l	99
68) m/p-Xylenes	11.71	106	188550	42.589	ug/l	100
69) o-Xylene	12.03	106	89665	21.053	ug/l	98
70) Styrene	12.05	104	156835	20.988	ug/l	99
71) Bromoform	12.22	173	27022	20.623	ug/l #	98
73) Isopropylbenzene	12.33	105	240670	20.775	ug/l	99
74) N-amyl acetate	12.15	43	78828	20.788	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	51851	20.899	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	37898m	21.422	ug/l	
77) Bromobenzene	12.61	156	64233	25.033	ug/l	77
78) n-propylbenzene	12.67	91	296313	21.251	ug/l	100
79) 2-Chlorotoluene	12.76	91	164479	20.648	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	205918	21.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	18855	20.169	ug/l	98
82) 4-Chlorotoluene	12.86	91	174309	20.486	ug/l	99
83) tert-Butylbenzene	13.08	119	172856	21.207	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	208382	21.464	ug/l	100
85) sec-Butylbenzene	13.26	105	248110	21.424	ug/l	99
86) p-Isopropyltoluene	13.38	119	220484	21.604	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	102282	20.698	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	104035	20.734	ug/l	100
89) n-Butylbenzene	13.70	91	221026	21.519	ug/l	100
90) Hexachloroethane	13.97	117	40727	21.053	ug/l	100
91) 1,2-Dichlorobenzene	13.75	146	93845	20.592	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8967	20.945	ug/l	94

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VY0124SBSD01

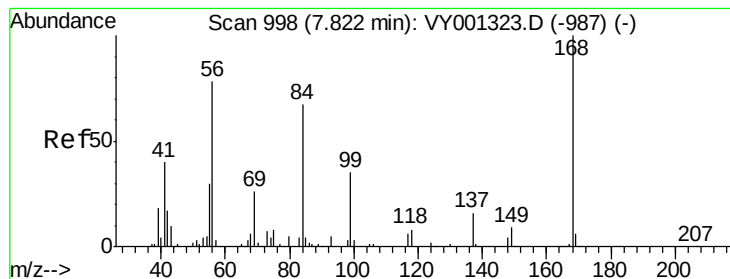
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	62303	20.369	ug/l	100
94) Hexachlorobutadiene	15.12	225	31617	21.229	ug/l	98
95) Naphthalene	15.24	128	726117	103.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	55606	20.724	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:168 Resp: 198540

Ion Ratio Lower Upper

168 100

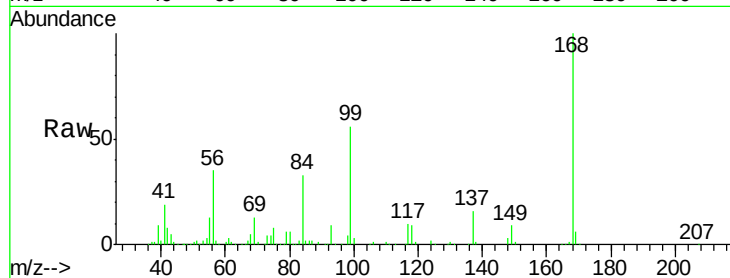
99 55.9 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.81

80000

60000

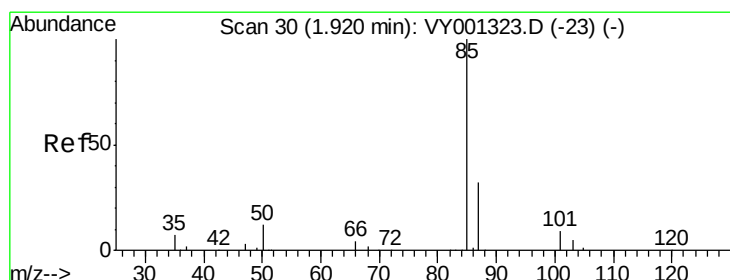
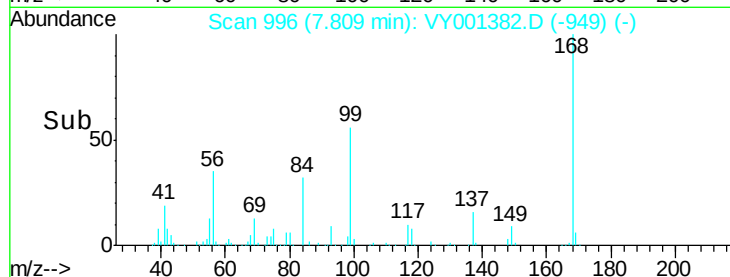
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.150 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.02 min

Lab File: VY001382.D

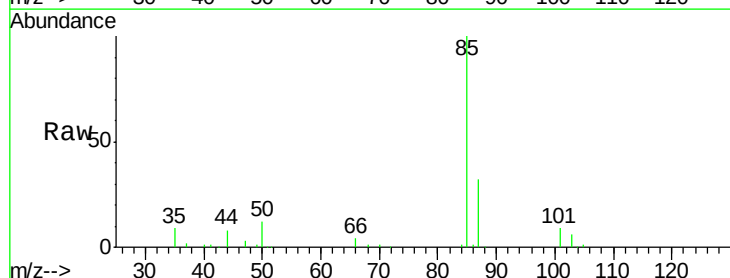
Acq: 24 Jan 2020 15:11

Tgt Ion: 85 Resp: 36246

Ion Ratio Lower Upper

85 100

87 31.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.90

25000

20000

15000

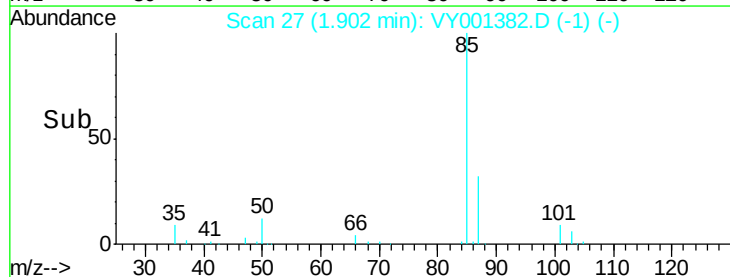
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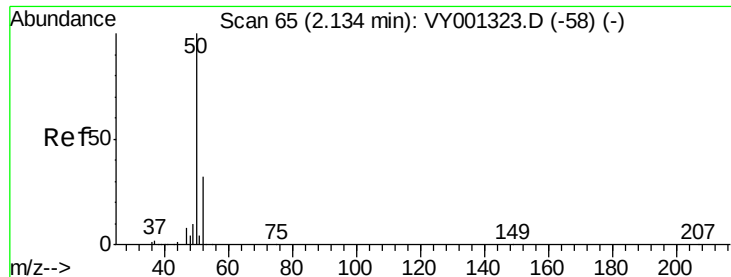
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 22.218 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 50 Resp: 52575

Ion Ratio Lower Upper

50 100

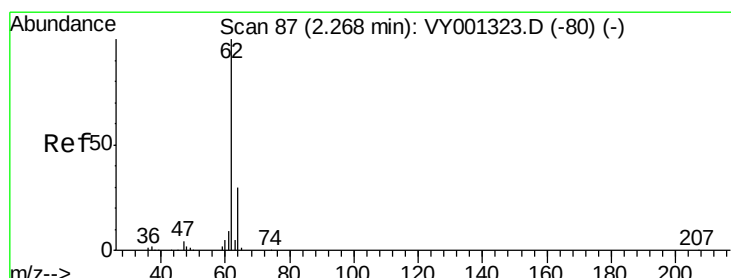
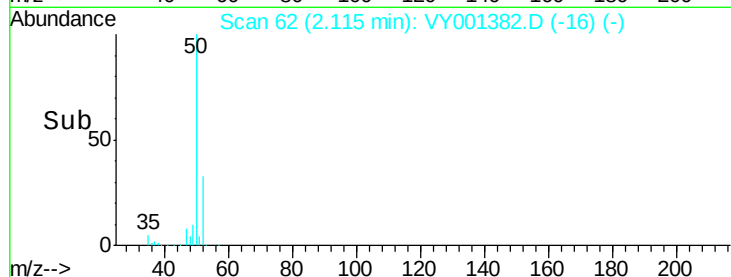
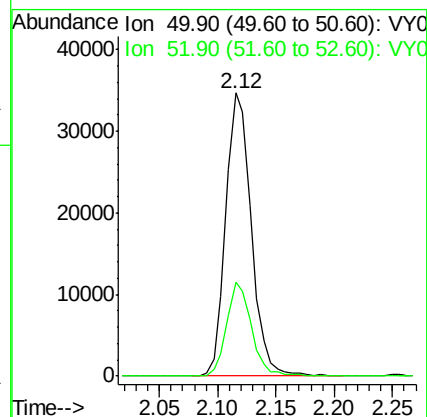
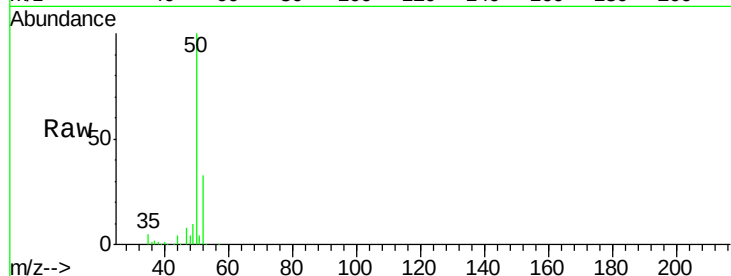
52 33.4 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.854 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY001382.D

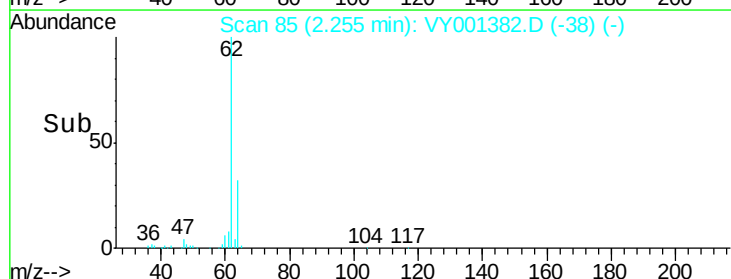
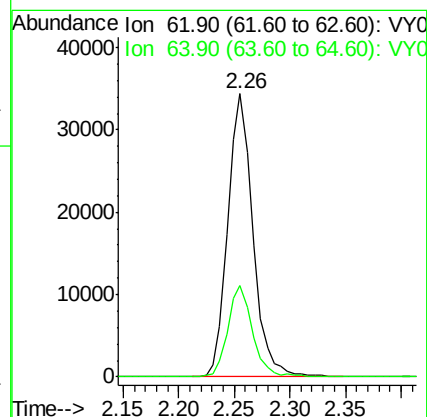
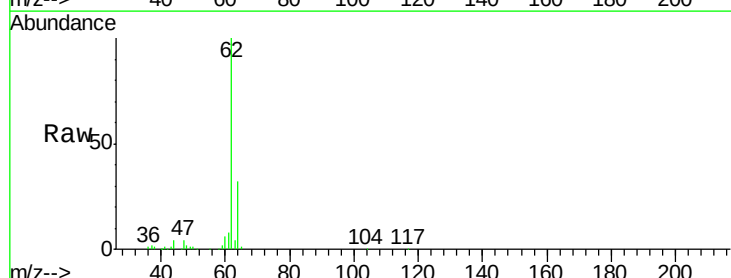
Acq: 24 Jan 2020 15:11

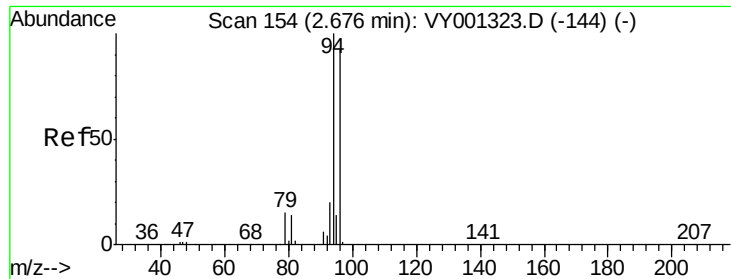
Tgt Ion: 62 Resp: 53922

Ion Ratio Lower Upper

62 100

64 32.4 23.9 35.9





#5

Bromomethane

Concen: 19.937 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.04 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

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ClientSampleId :

VY0124SBS01

Tot Ion: 94 Resp: 33130

Ion Ratio Lower Upper

94 100

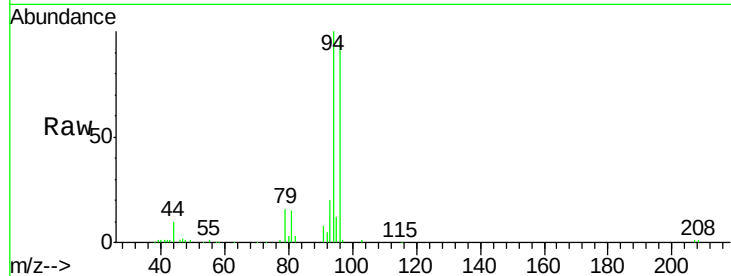
96 94.9 74.6 111.8

Manual Integrations

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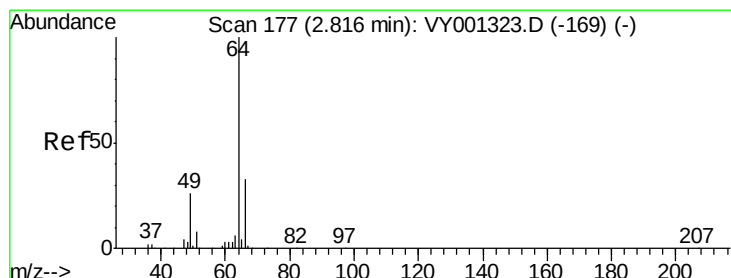
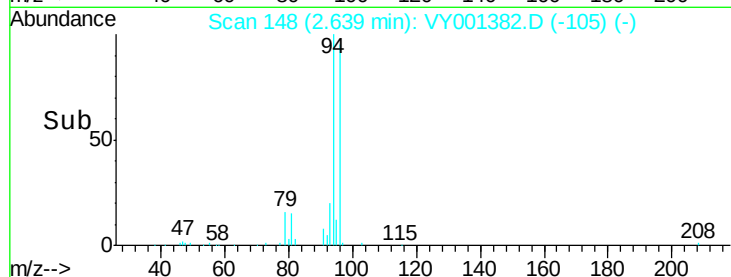
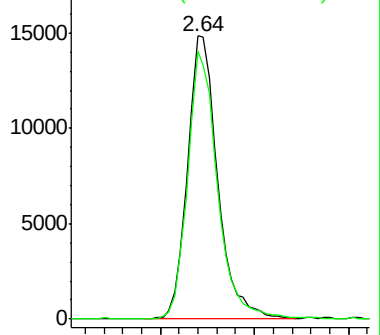
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.535 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.02 min

Lab File: VY001382.D

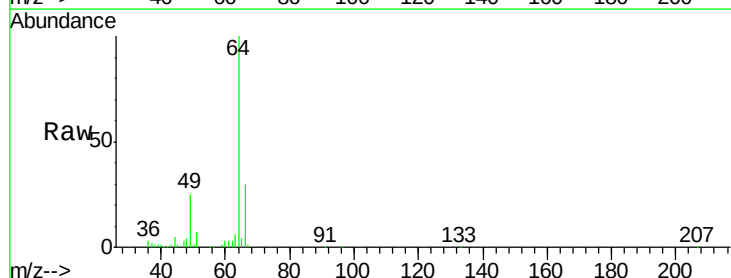
Acq: 24 Jan 2020 15:11

Tgt Ion: 64 Resp: 33953

Ion Ratio Lower Upper

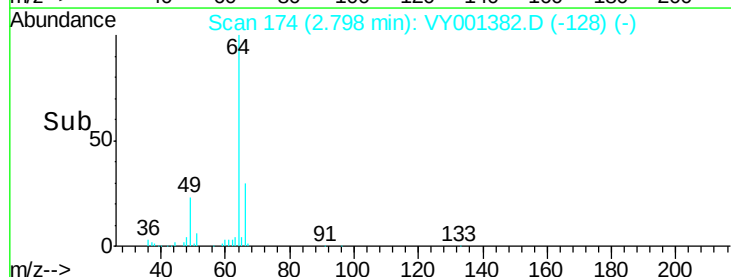
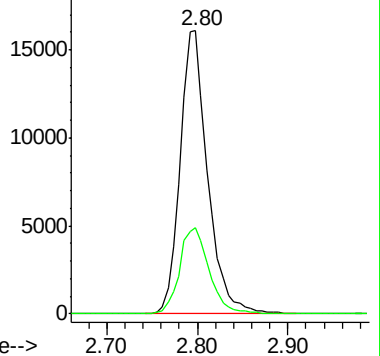
64 100

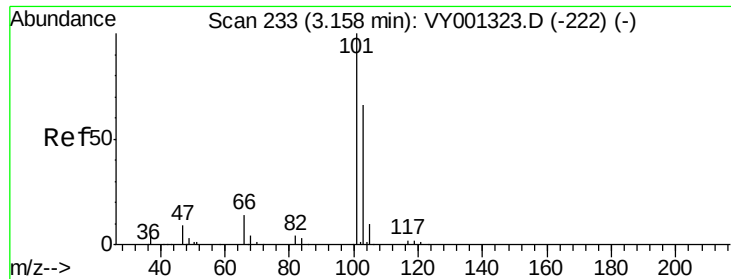
66 30.3 26.8 40.2



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

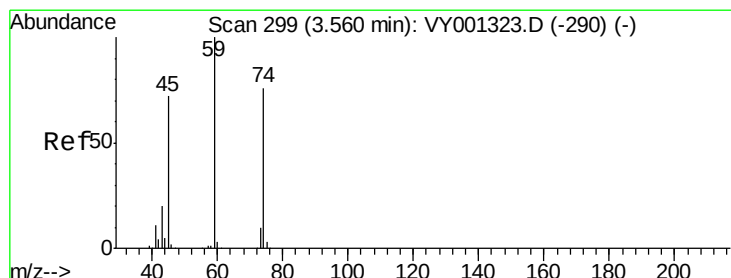
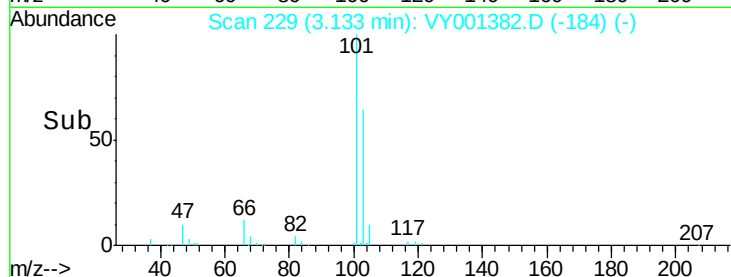
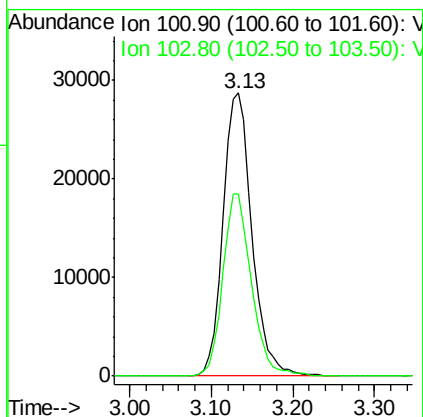
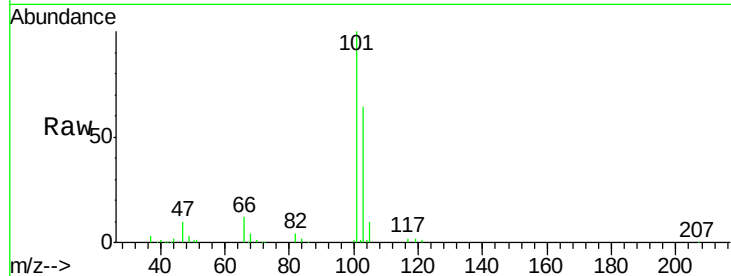
Trichlorofluoromethane
Concen: 22.178 ug/l
RT: 3.13 min Scan# 229
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.5	78.7

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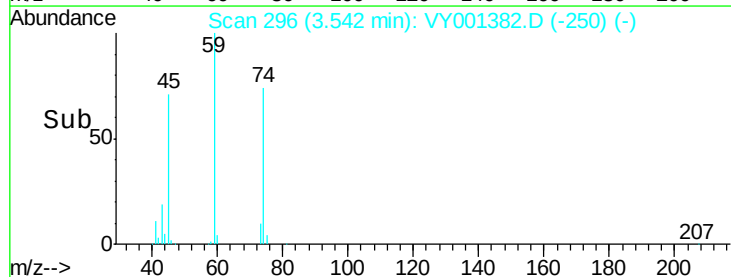
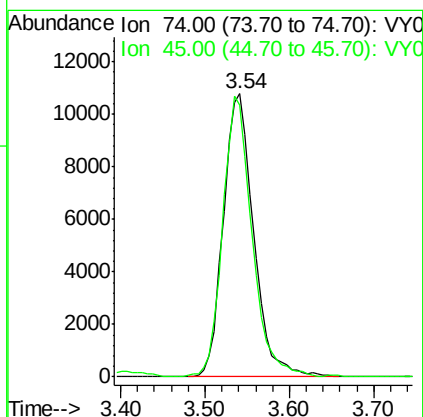
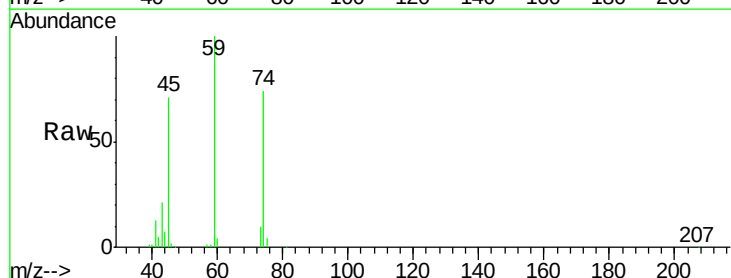
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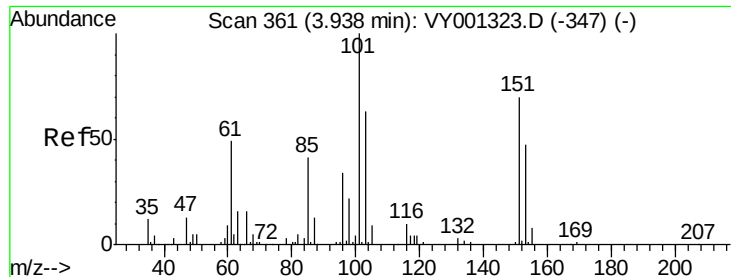


#8

Diethyl Ether
Concen: 19.885 ug/l
RT: 3.54 min Scan# 296
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.990 ug/l

RT: 3.91 min Scan# 357

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

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MSVOA_Y

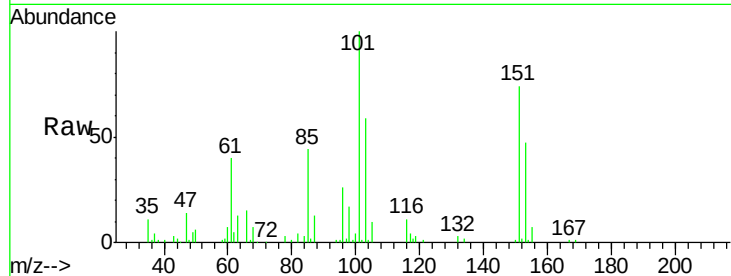
ClientSampleId :

VY0124SBS01

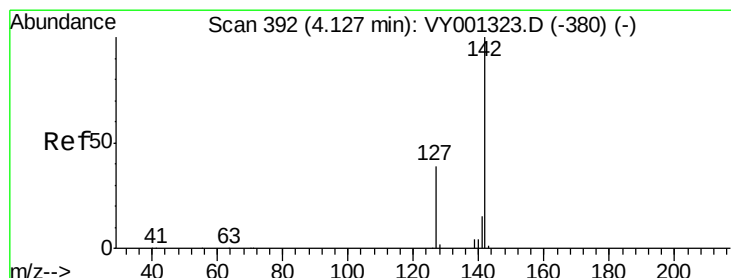
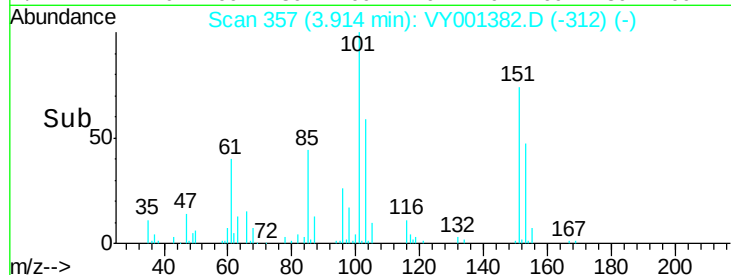
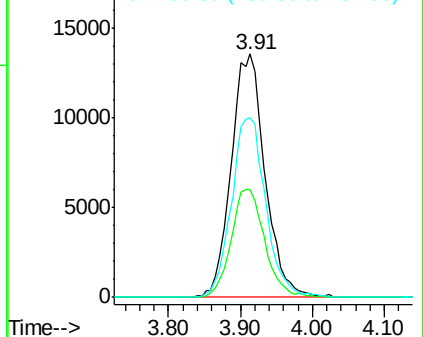
Tot Ion:	101	Resp:	44211
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.9	52.3
151	74.9	59.9	89.9

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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: 19.629 ug/l

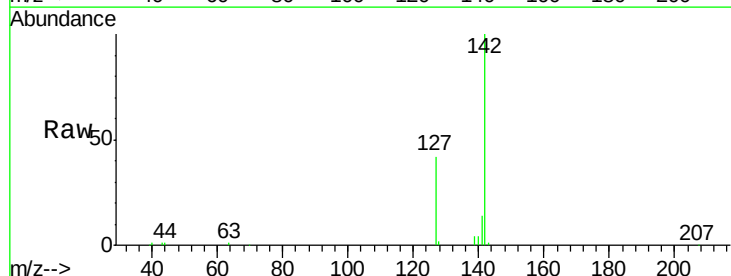
RT: 4.10 min Scan# 388

Delta R.T. -0.02 min

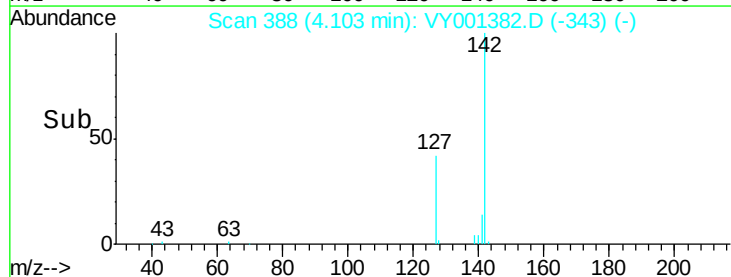
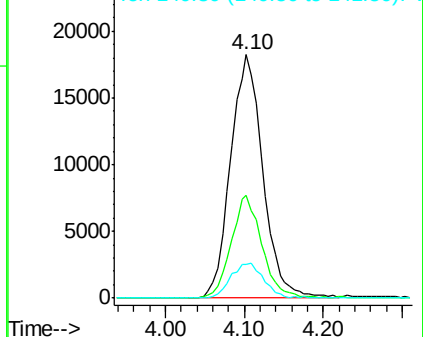
Lab File: VY001382.D

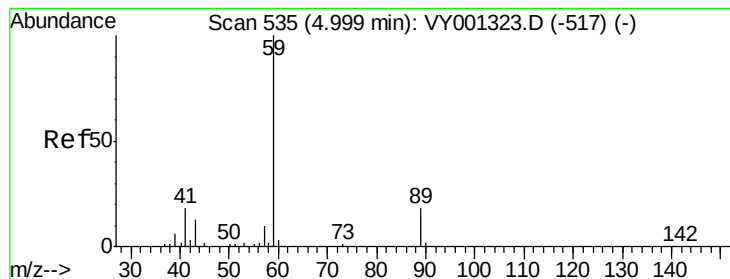
Acq: 24 Jan 2020 15:11

Tgt Ion:	142	Resp:	52050
Ion Ratio	Lower	Upper	
142	100		
127	40.2	31.6	47.4
141	14.7	11.2	16.8



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

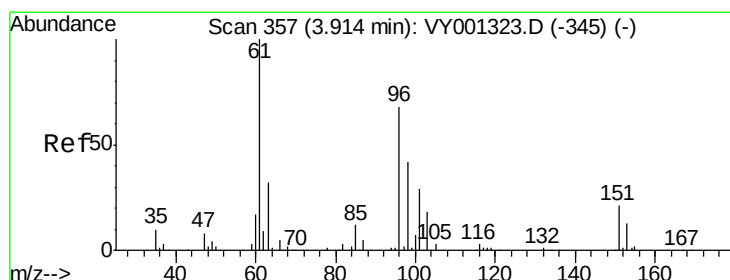
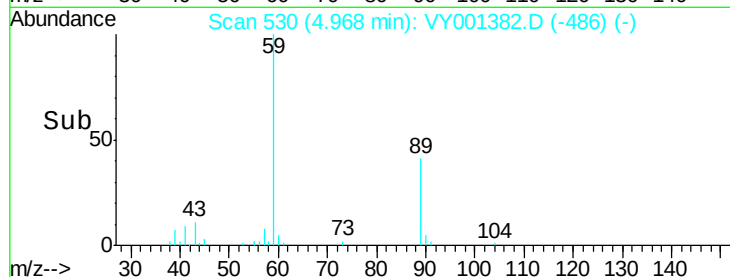
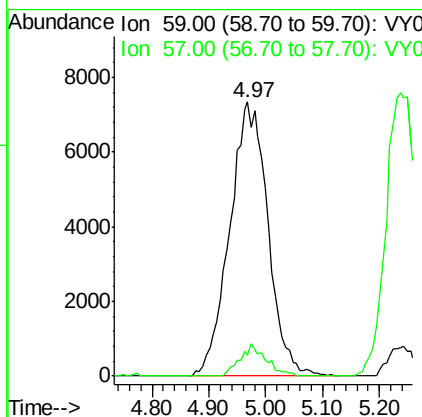
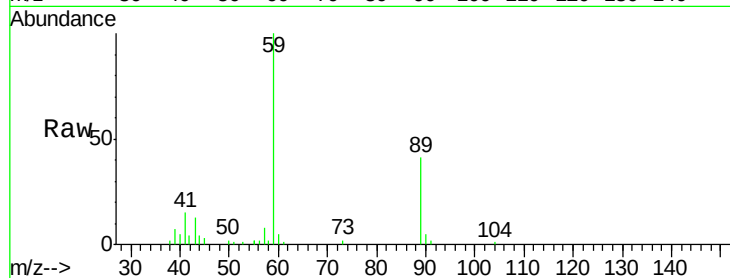
Tert butyl alcohol
Concen: 115.726 ug/l
RT: 4.97 min Scan# 530
Delta R.T. -0.03 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.0	7.4	11.2

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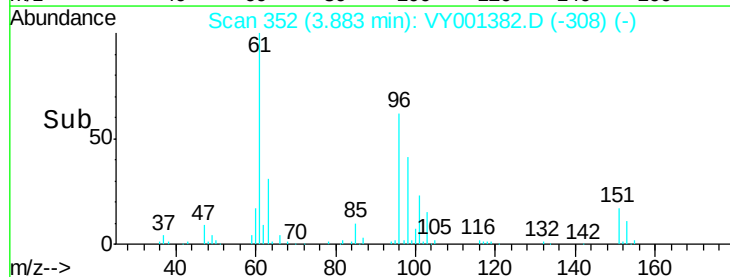
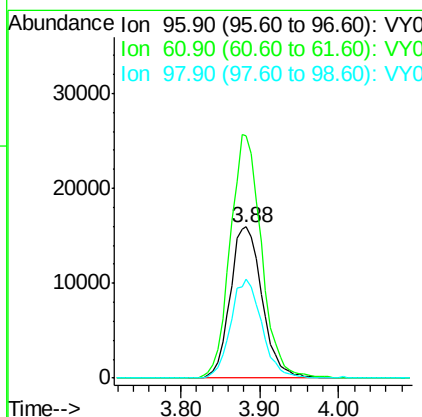
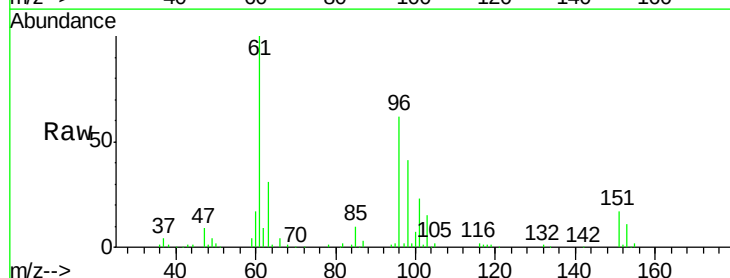
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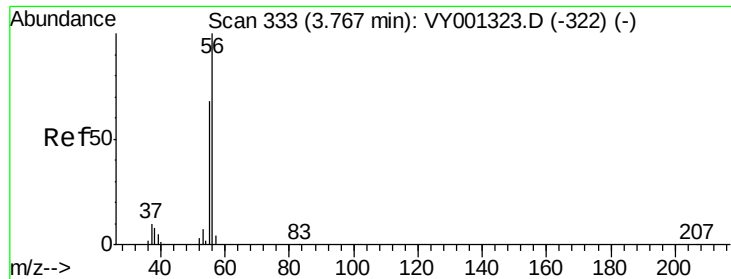


#12

1,1-Dichloroethene
Concen: 21.278 ug/l
RT: 3.88 min Scan# 352
Delta R.T. -0.03 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	118.0	177.0
98	65.5	49.4	74.2





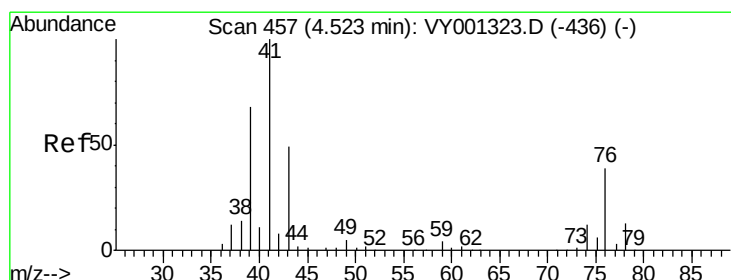
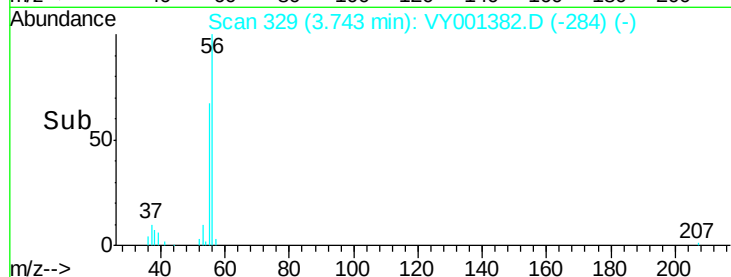
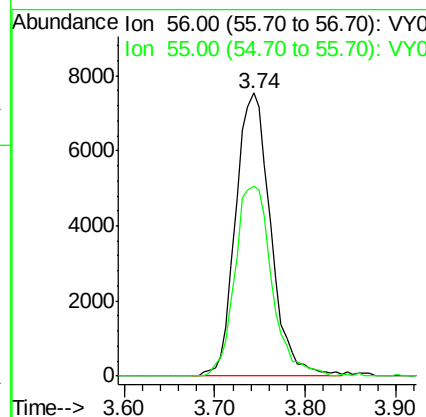
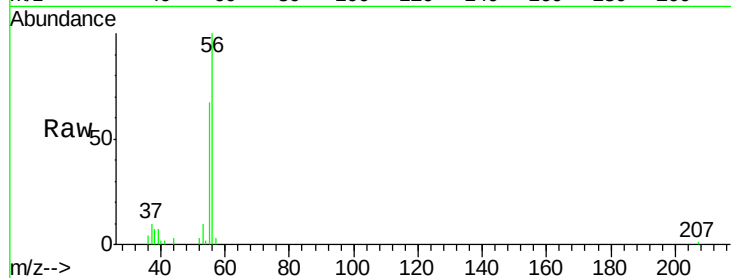
#13
Acrolein
Concen: 119.557 ug/l
RT: 3.74 min Scan# 329
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.5	55.9	83.9

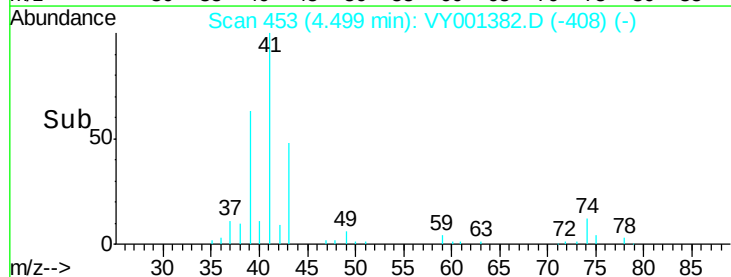
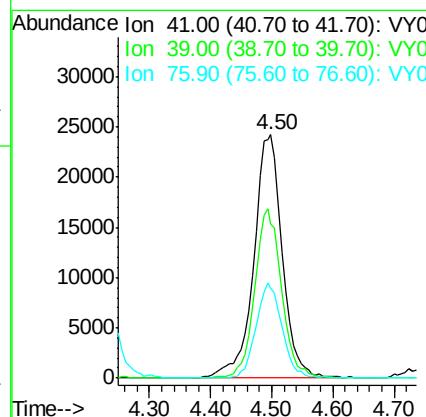
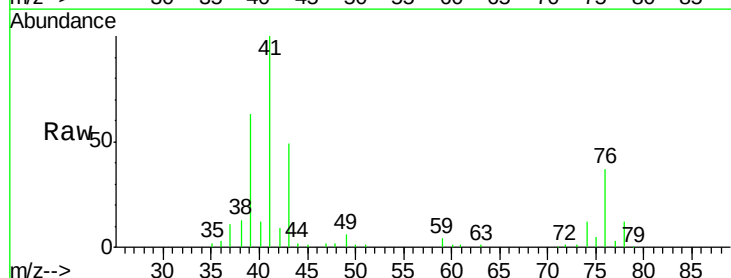
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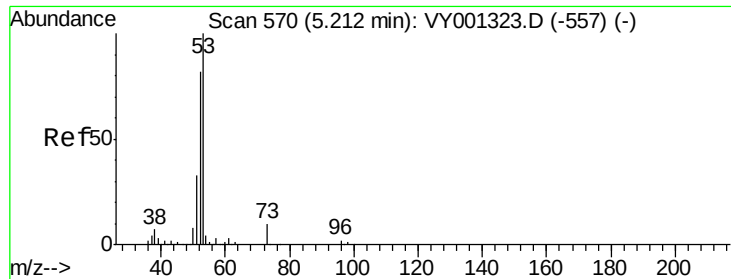
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#14
Allyl chloride
Concen: 21.058 ug/l
RT: 4.50 min Scan# 453
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.6	52.2	78.4
76	35.4	29.1	43.7





#15

Acrylonitrile

Concen: 104.796 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.03 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

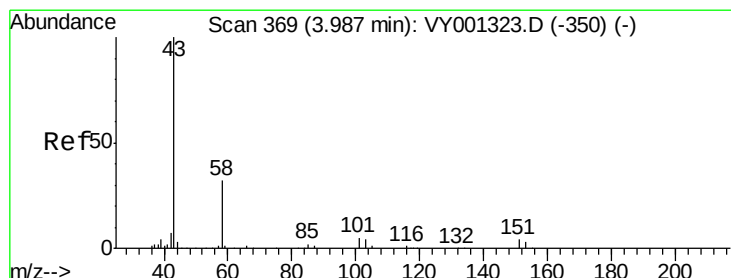
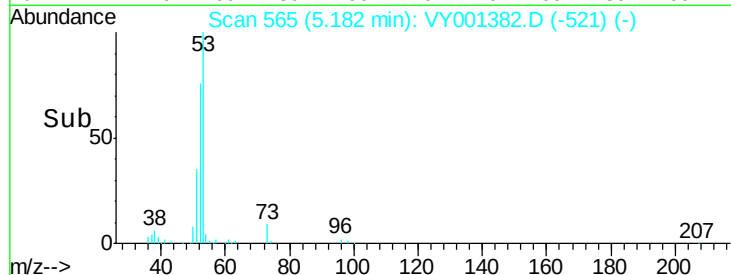
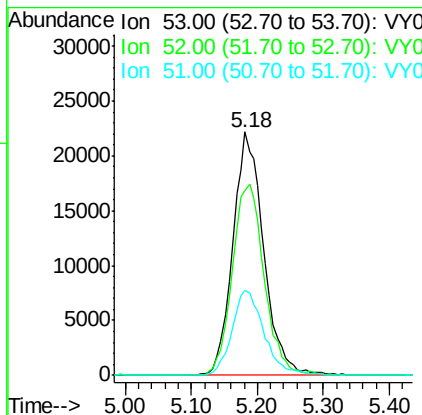
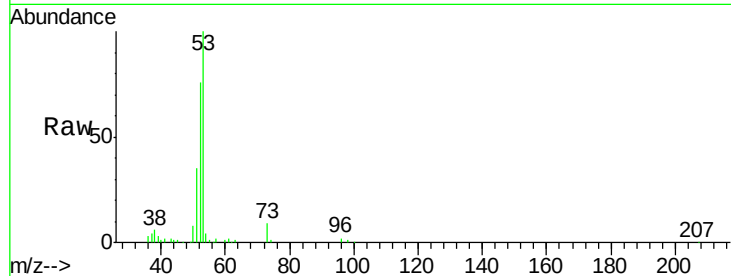
ClientSampleId :

VY0124SBS01

Tot Ion:	53	Resp:	71489
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.3	97.9
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 113.258 ug/l

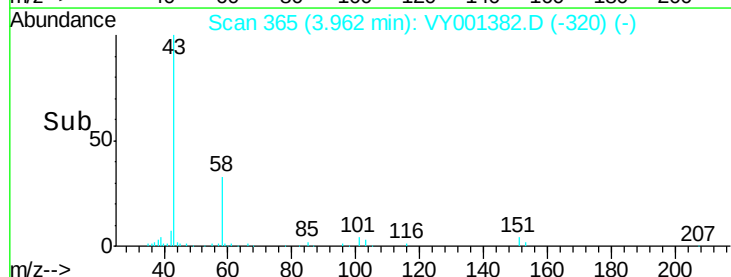
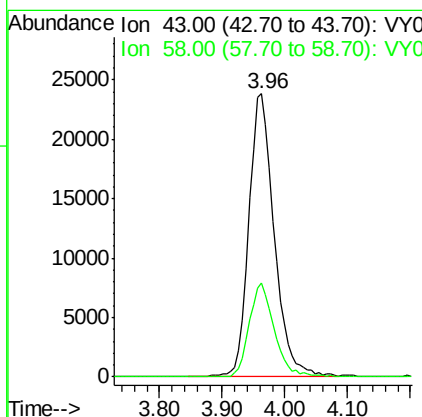
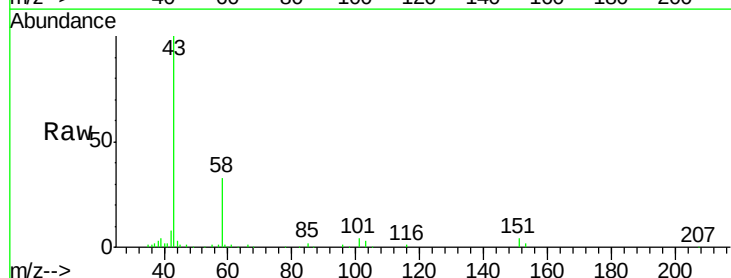
RT: 3.96 min Scan# 365

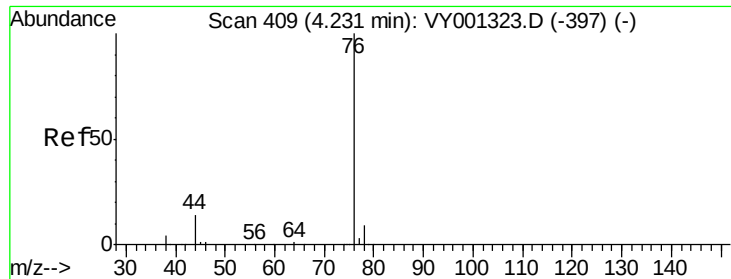
Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Tgt Ion:	43	Resp:	66816
Ion Ratio	Lower	Upper	
43	100		
58	33.2	25.4	38.0





#17

Carbon Disulfide

Concen: 21.148 ug/l

RT: 4.21 min Scan# 405

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 76 Resp: 140204

Ion Ratio Lower Upper

76 100

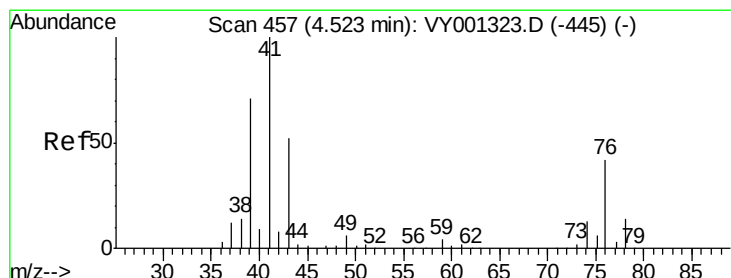
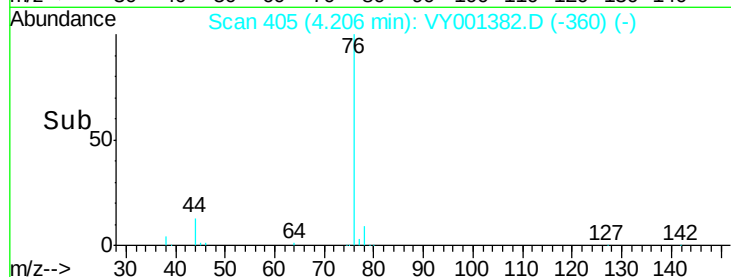
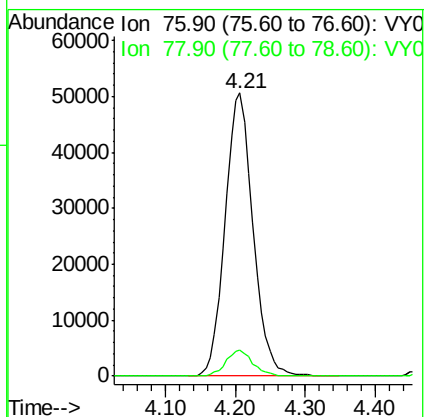
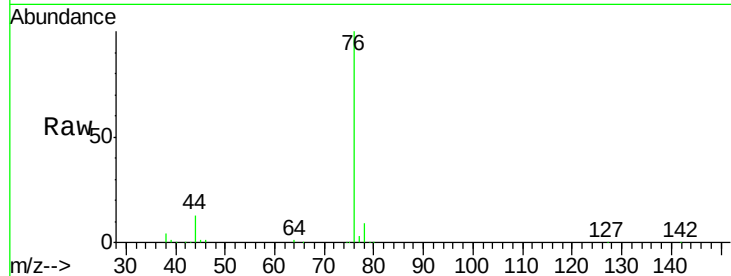
78 9.4 7.0 10.6

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#18

Methyl Acetate

Concen: 20.308 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.03 min

Lab File: VY001382.D

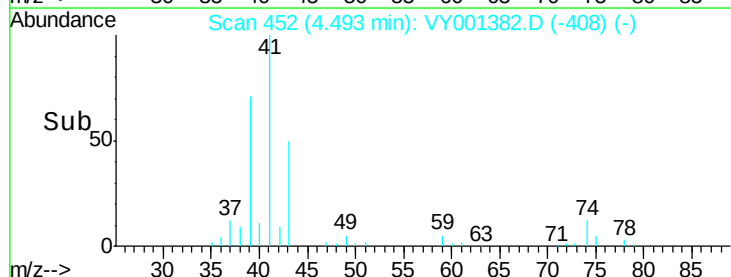
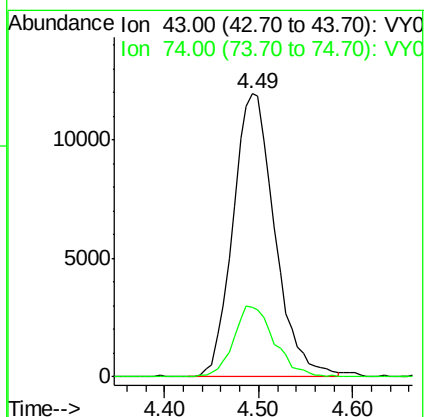
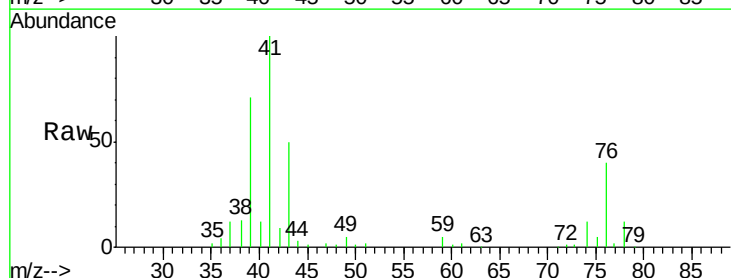
Acq: 24 Jan 2020 15:11

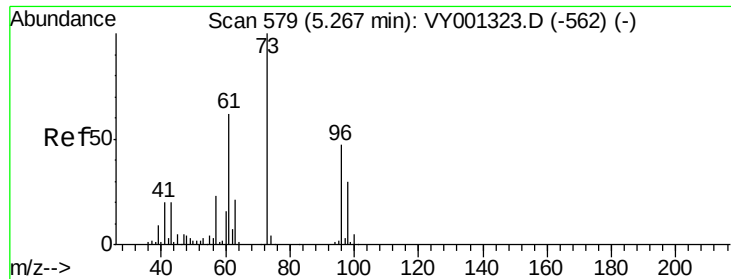
Tgt Ion: 43 Resp: 36998

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2





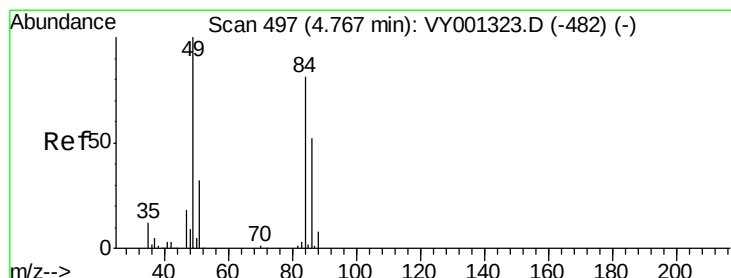
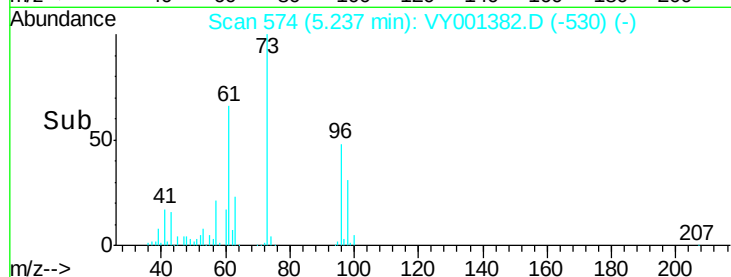
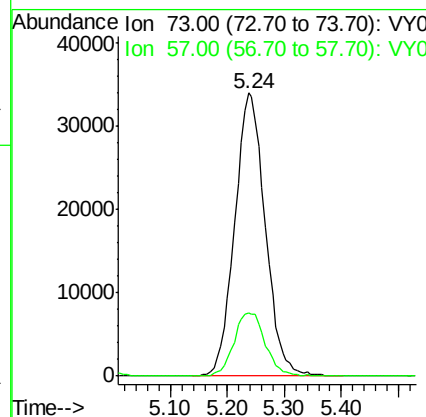
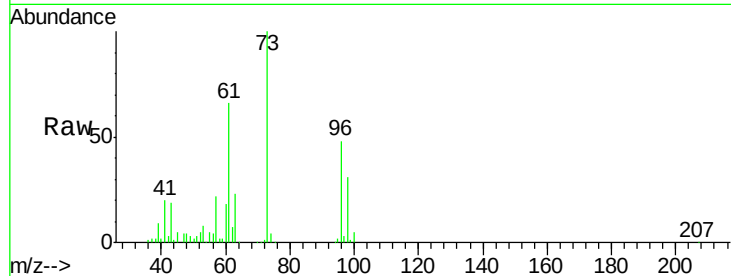
#19
Methyl tert-butyl Ether
Concen: 20.531 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.03 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS001

Tot Ion: 73 Resp: 126719
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.2

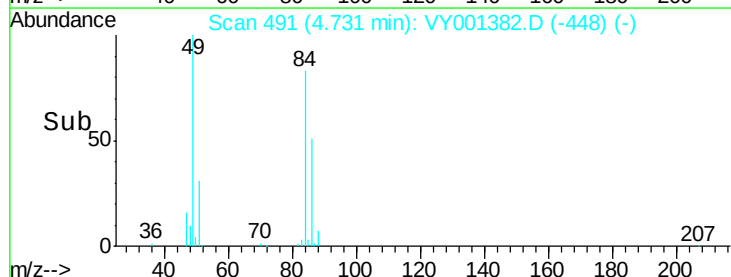
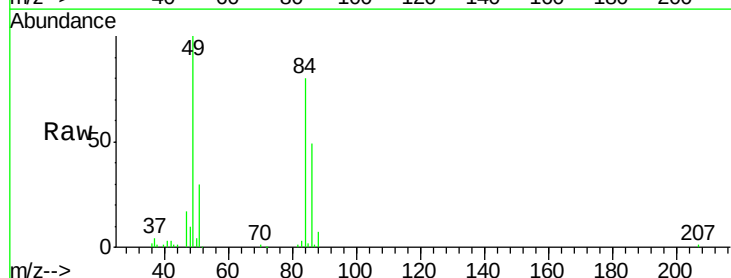
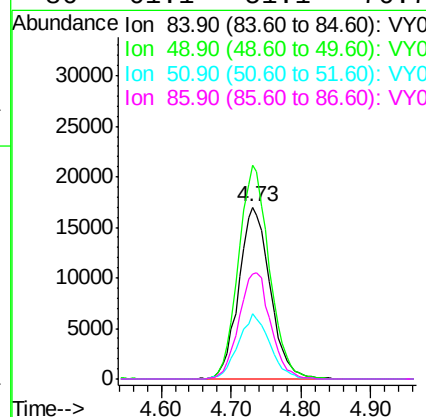
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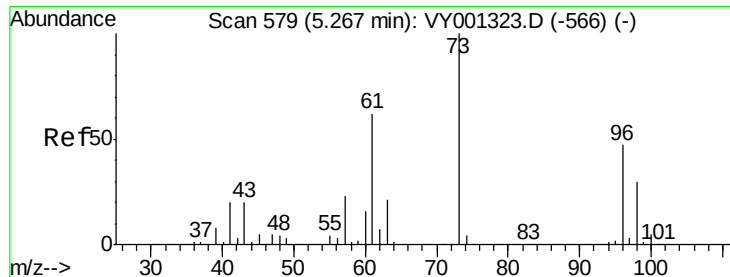
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#20
Methylene Chloride
Concen: 17.078 ug/l
RT: 4.73 min Scan# 491
Delta R.T. -0.04 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion: 84 Resp: 53006
Ion Ratio Lower Upper
84 100
49 124.3 98.3 147.5
51 37.7 31.6 47.4
86 61.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 20.862 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.04 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

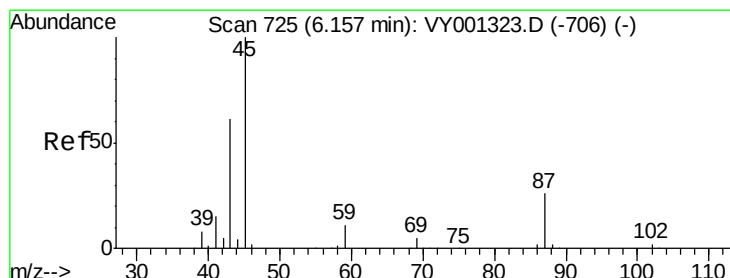
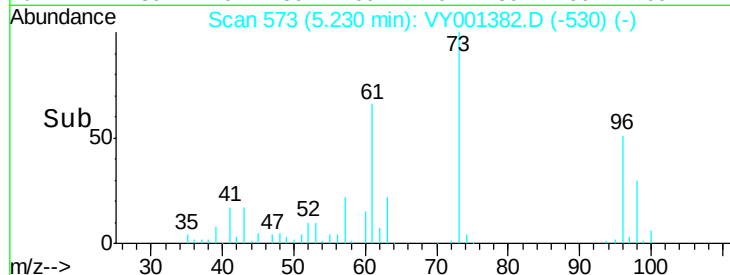
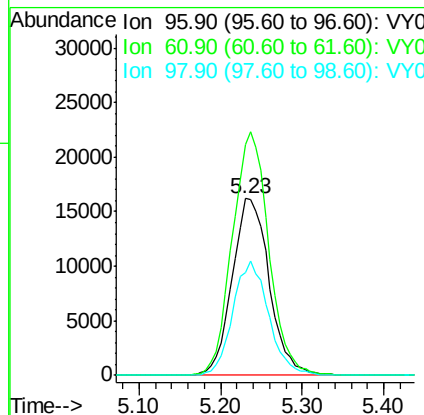
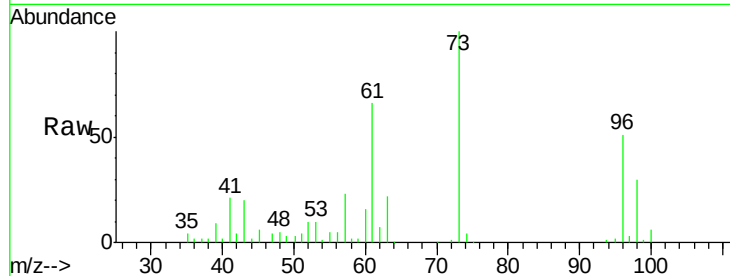
ClientSampleId :

VY0124SBS01

Tot Ion:	96	Resp:	51083
Ion	Ratio	Lower	Upper
96	100		
61	130.7	106.8	160.2
98	58.4	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.400 ug/l

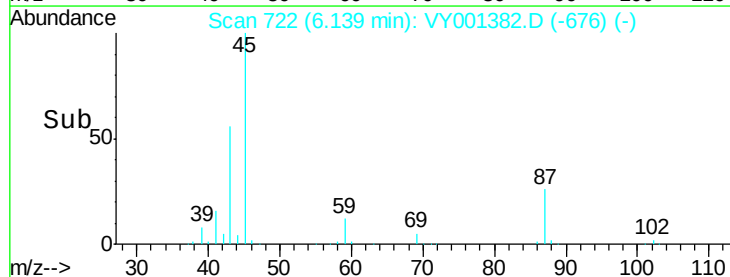
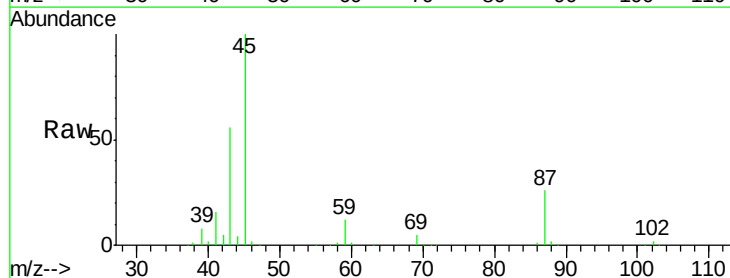
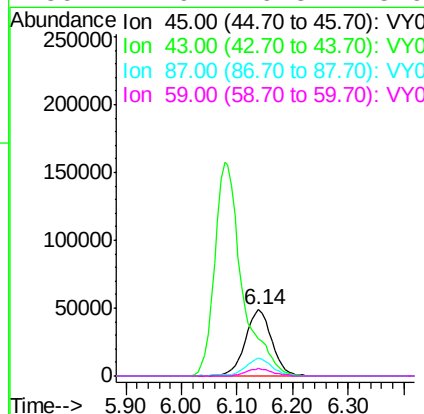
RT: 6.14 min Scan# 722

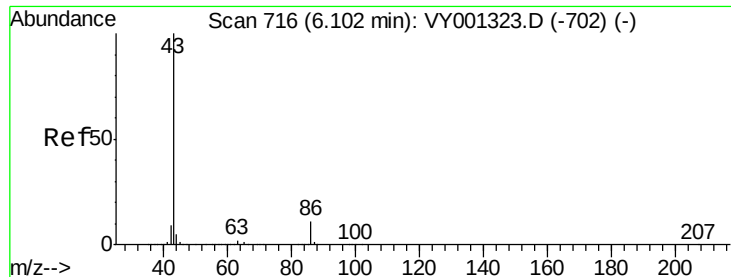
Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Tgt Ion:	45	Resp:	162847
Ion	Ratio	Lower	Upper
45	100		
43	55.6	49.2	73.8
87	26.5	21.4	32.2
59	11.9	9.3	13.9





#23

Vinyl Acetate

Concen: 103.433 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 536028

Ion Ratio Lower Upper

43 100

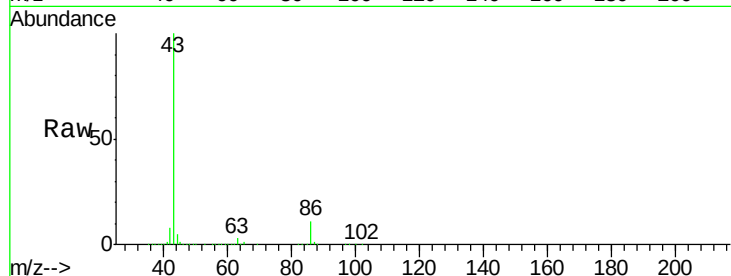
86 11.0 8.6 13.0

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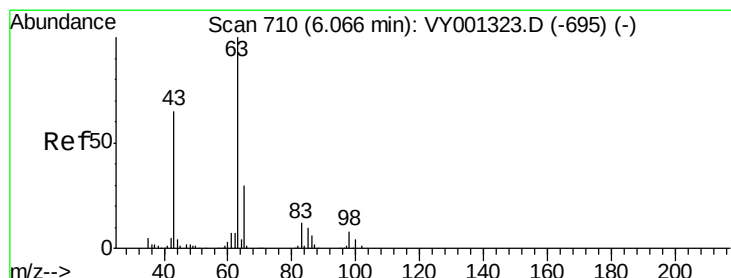
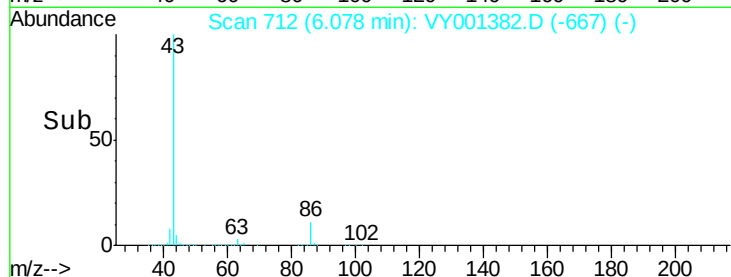
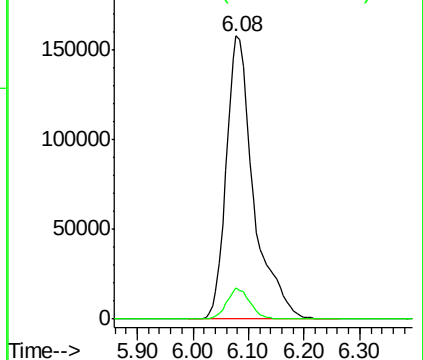
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.790 ug/l

RT: 6.04 min Scan# 706

Delta R.T. -0.02 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

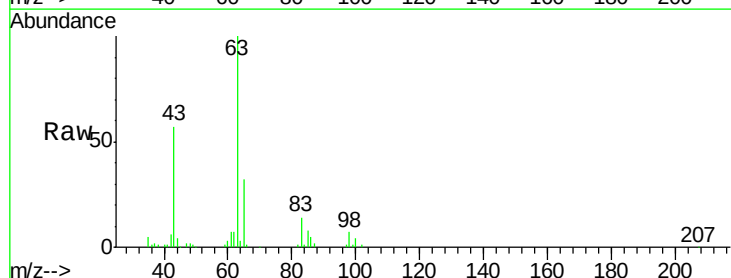
Tgt Ion: 63 Resp: 87477

Ion Ratio Lower Upper

63 100

98 6.8 4.0 12.0

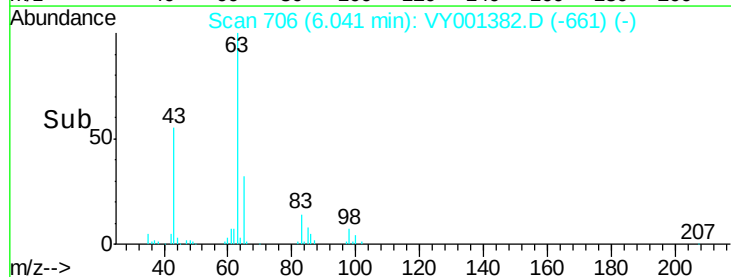
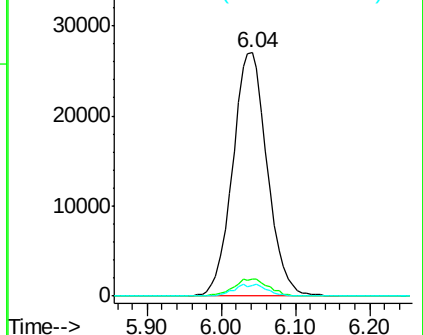
100 4.4 2.1 6.3

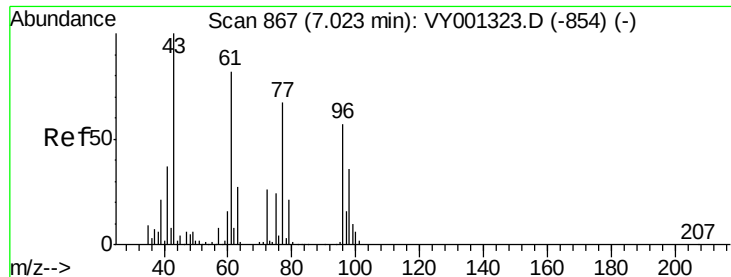


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 109.399 ug/l

RT: 7.01 min Scan# 865

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 43 Resp: 102870

Ion Ratio Lower Upper

43 100

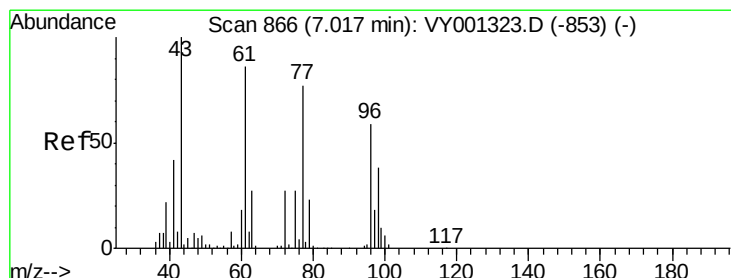
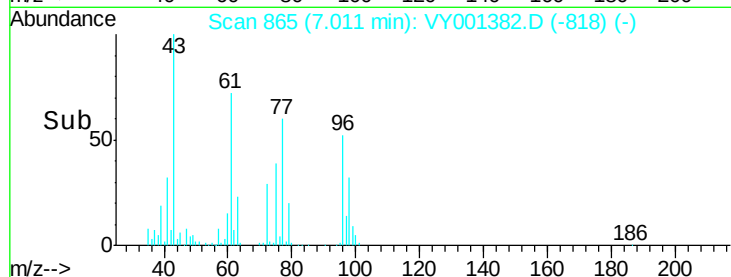
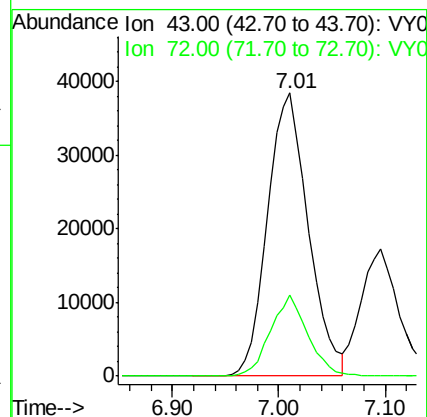
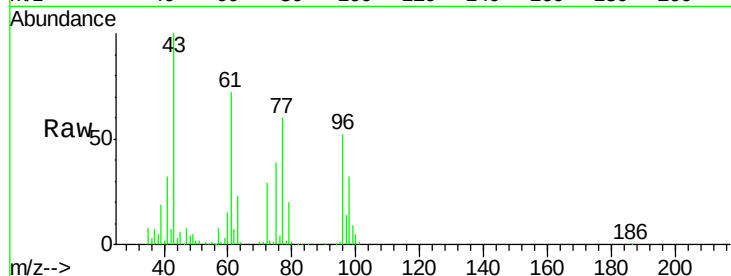
72 28.7 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.403 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.01 min

Lab File: VY001382.D

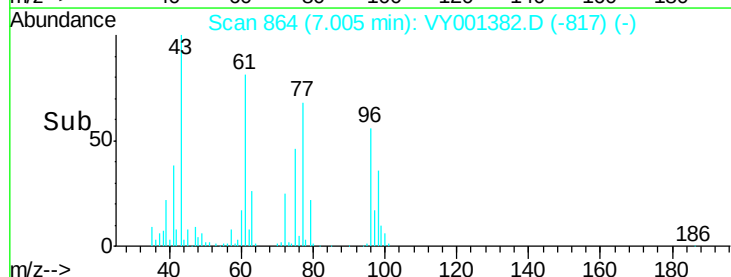
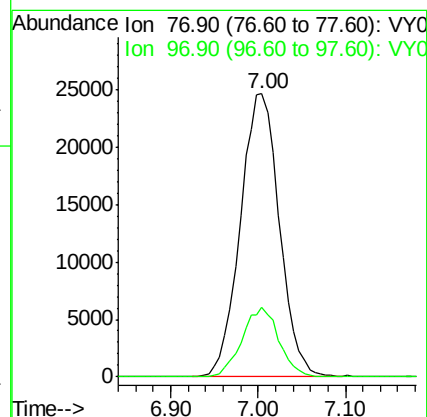
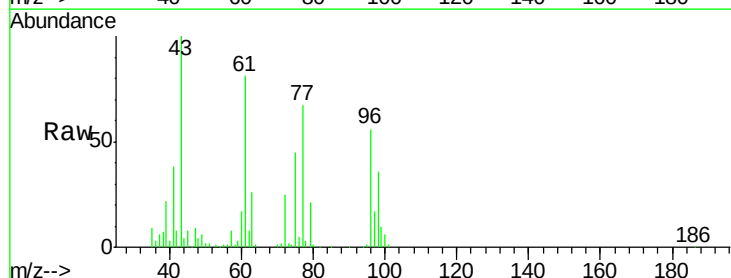
Acq: 24 Jan 2020 15:11

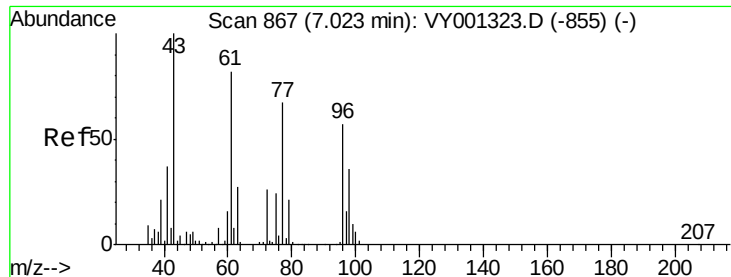
Tgt Ion: 77 Resp: 76468

Ion Ratio Lower Upper

77 100

97 23.2 11.9 35.5





#27

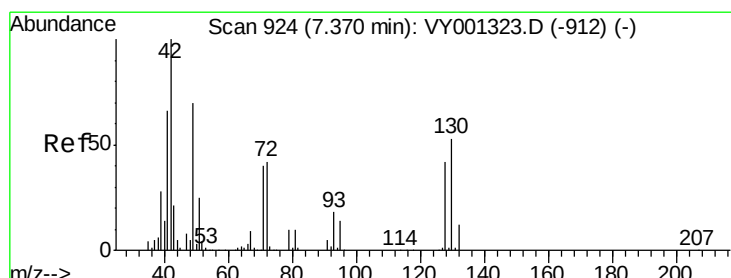
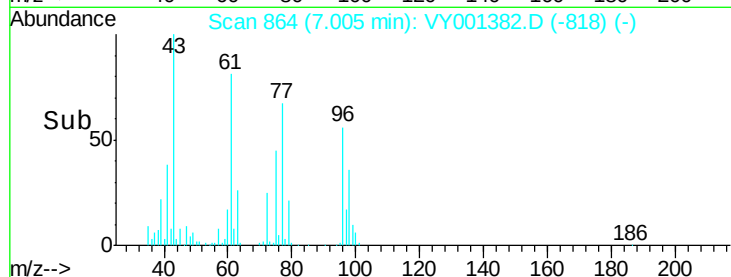
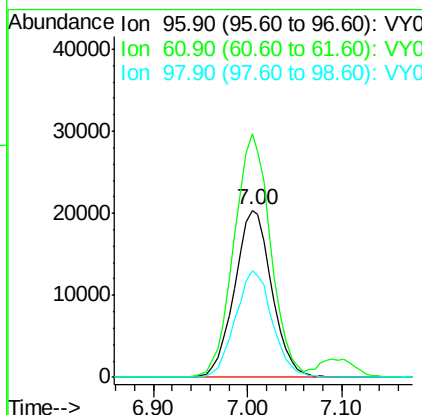
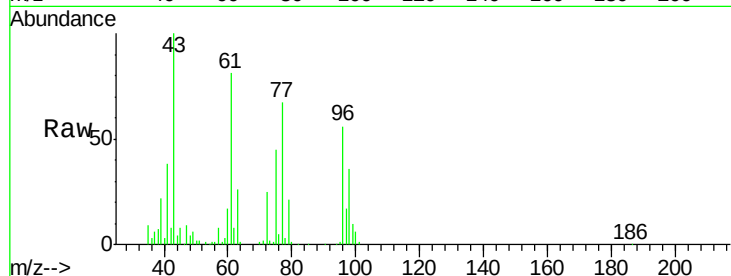
cis-1,2-Dichloroethene
Concen: 20.471 ug/l
RT: 7.00 min Scan# 864
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	143.9	0.0	284.8	
98	63.5	0.0	128.4	

Manual Integrations
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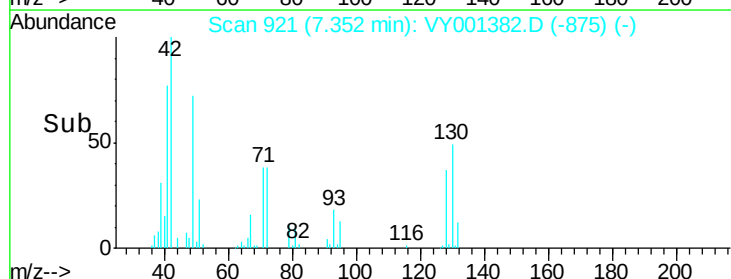
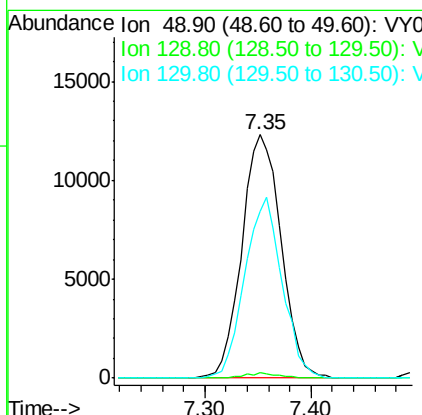
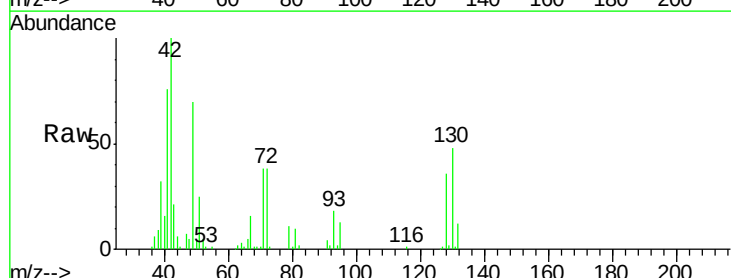
MMDadoda
1/27/2020 12:02:25 PM

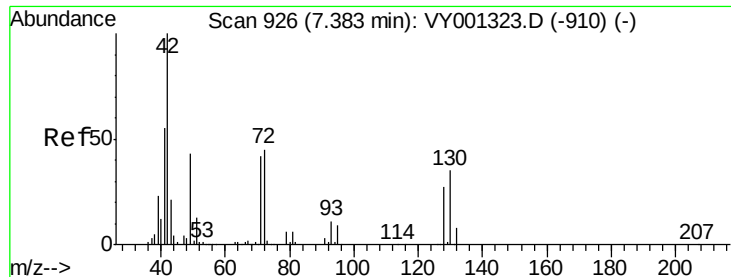


#28

Bromochloromethane
Concen: 18.367 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	4.0	
130	70.7	58.9	88.3	





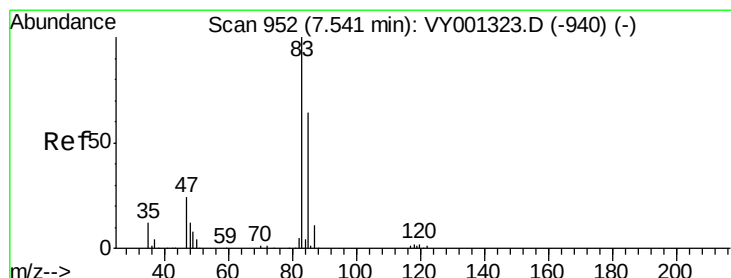
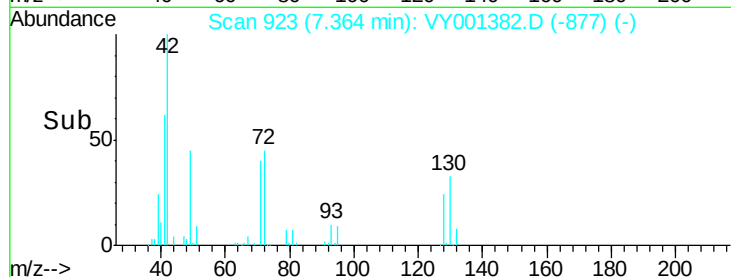
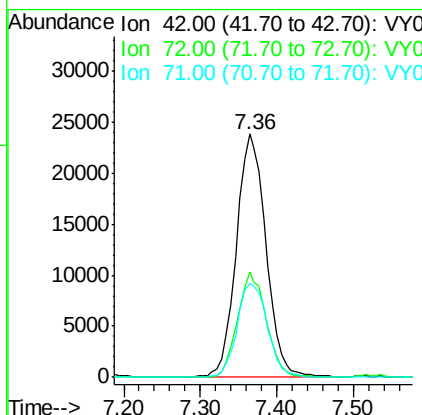
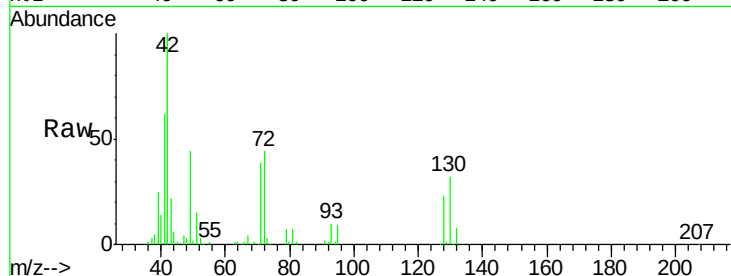
#29
Tetrahydrofuran
Concen: 104.768 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	34.6	51.8
71	39.6	32.6	48.8

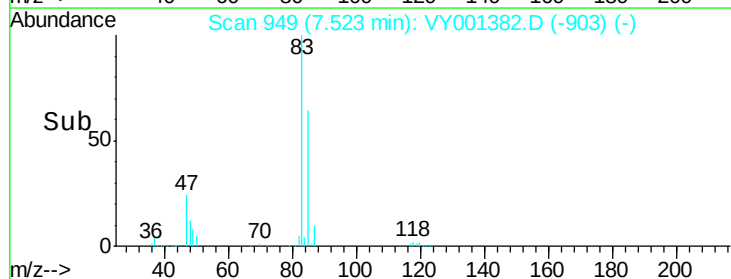
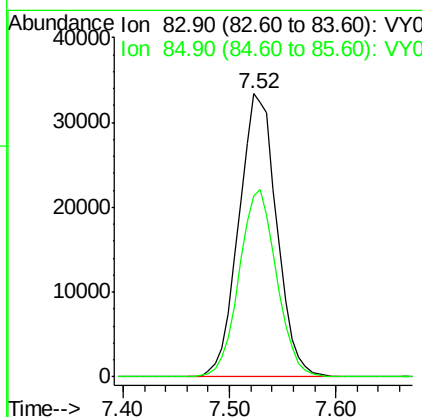
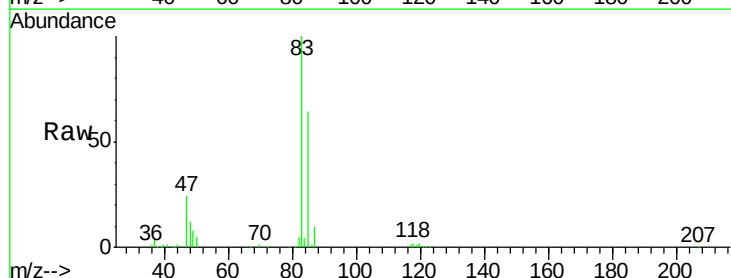
Manual Integrations
APPROVED

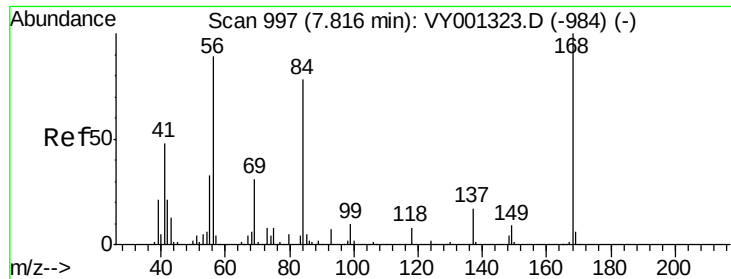
MMDadoda
1/27/2020 12:02:25 PM



#30
Chloroform
Concen: 20.224 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.02 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.5	77.3





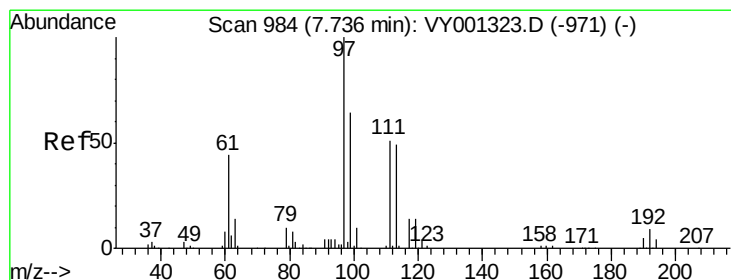
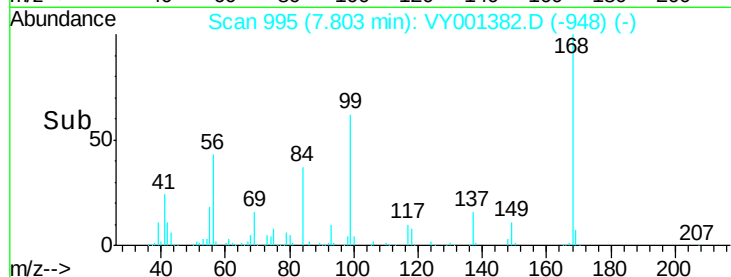
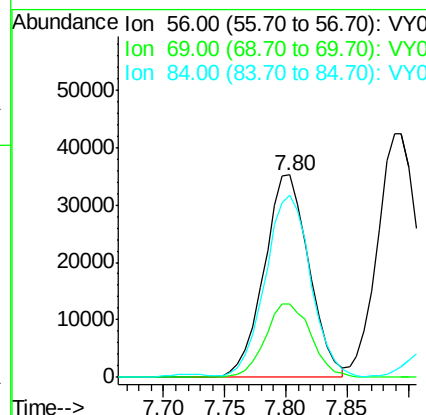
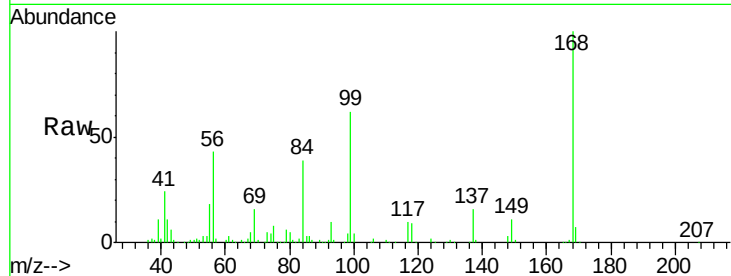
#31
Cyclohexane
Concen: 21.561 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	27.6	41.4
84	89.1	69.7	104.5

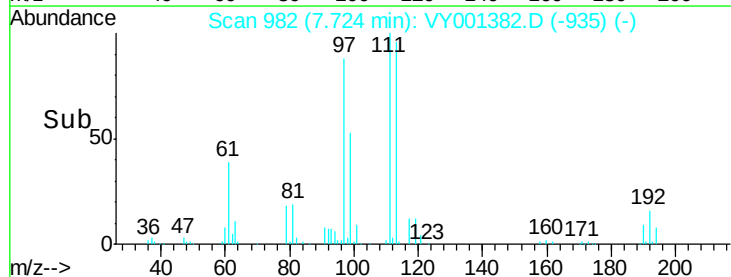
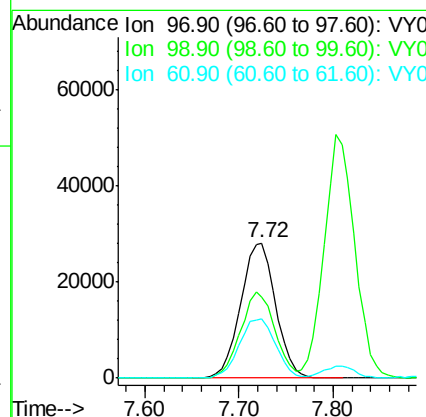
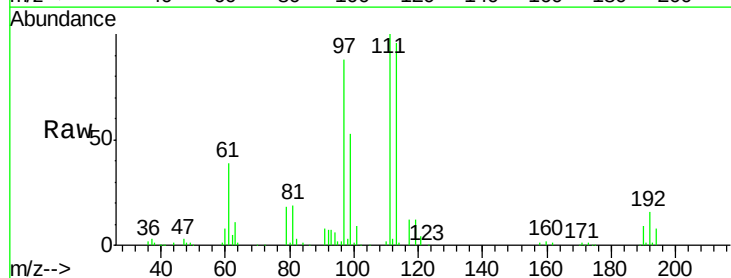
Manual Integrations
APPROVED

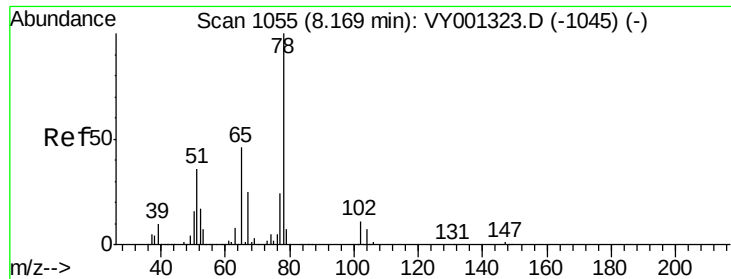
MMDadoda
1/27/2020 12:02:25 PM



#32
1,1,1-Trichloroethane
Concen: 21.027 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.3	76.9
61	45.6	35.9	53.9





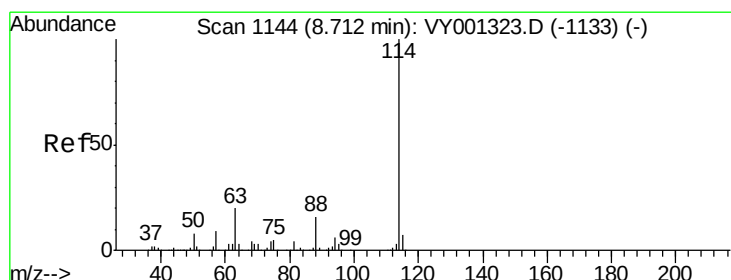
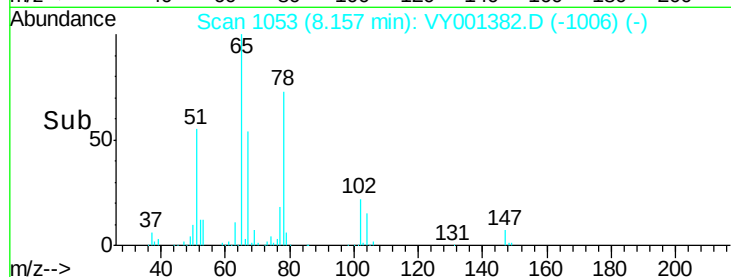
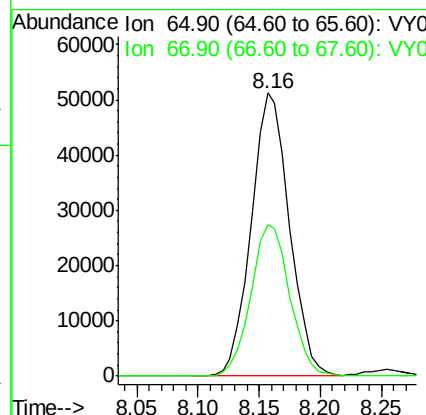
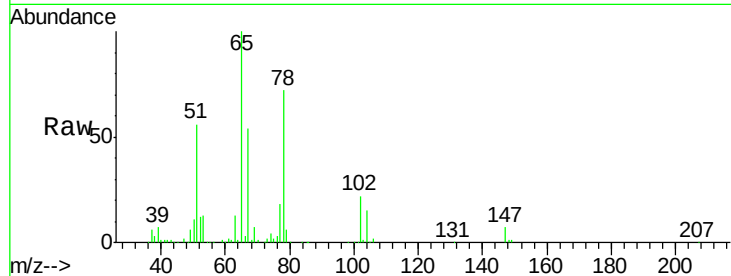
#33
 1,2-Dichloroethane-d4
 Concen: 51.569 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	54.5	0.0	108.6	

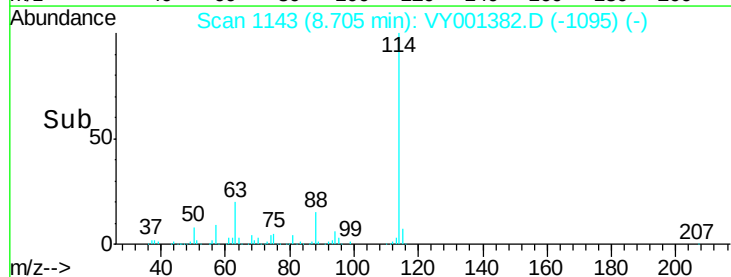
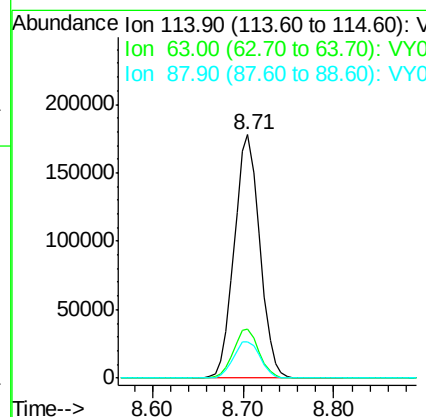
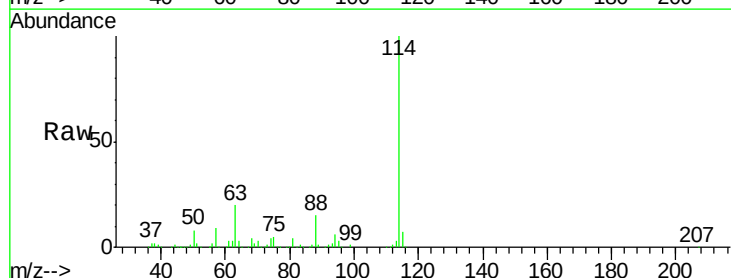
Manual Integrations
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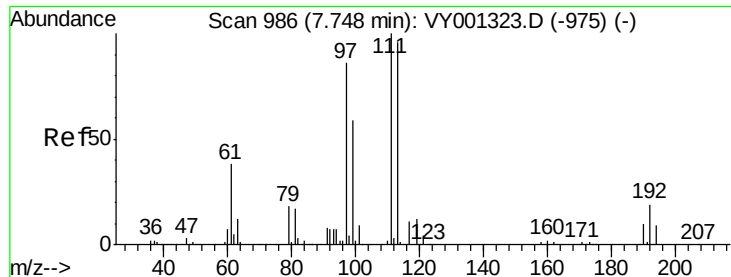
MMDadoda
 1/27/2020 12:02:25 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	40.8	
88	15.0	0.0	31.0	





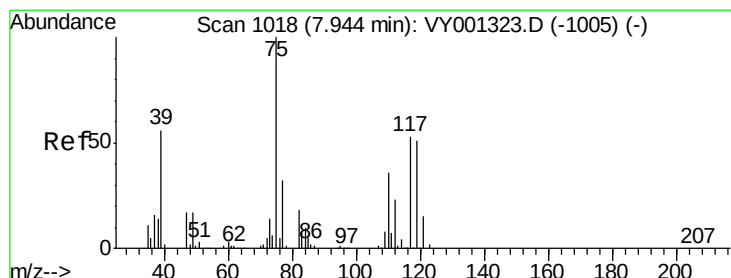
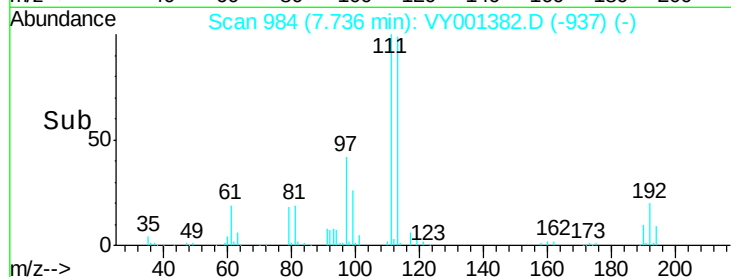
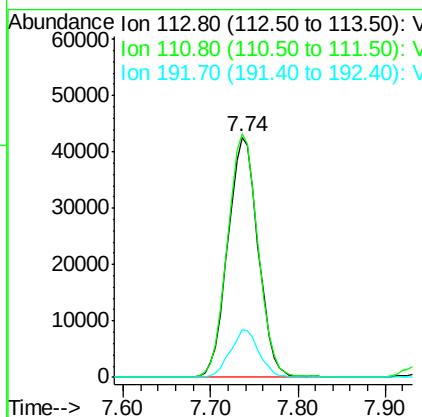
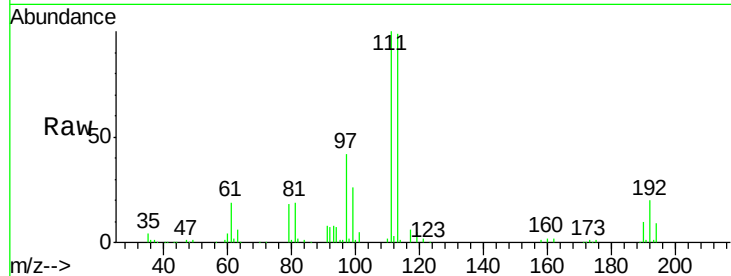
#35
Dibromofluoromethane
Concen: 50.481 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	102532		
111	102.4	82.8	124.2	
192	18.8	15.5	23.3	

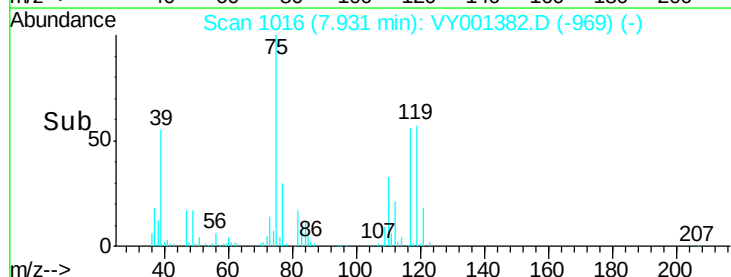
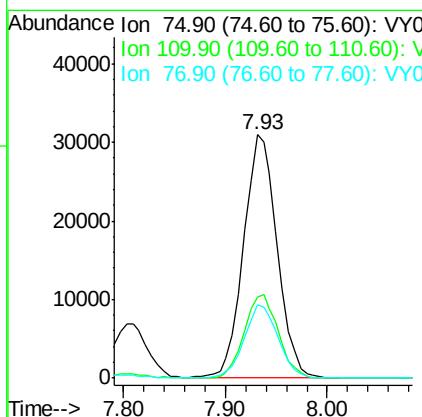
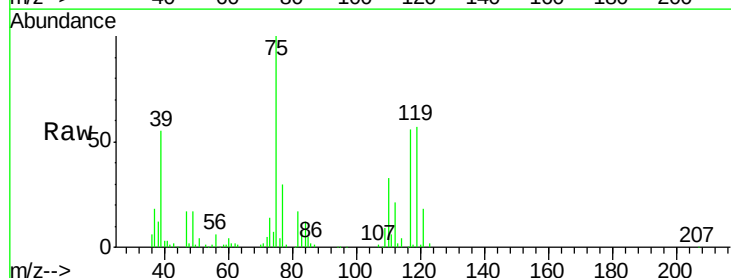
Manual Integrations
APPROVED

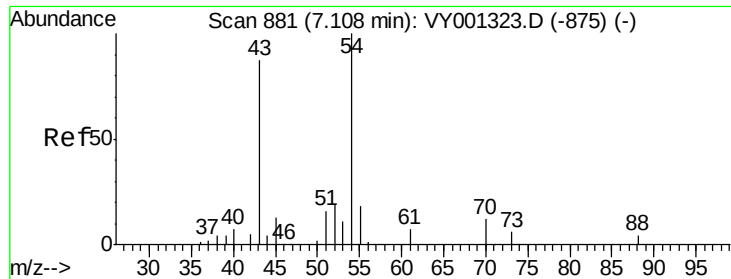
MMDadoda
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#36
1,1-Dichloropropene
Concen: 21.652 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70791		
110	34.8	17.6	52.8	
77	30.5	24.7	37.1	





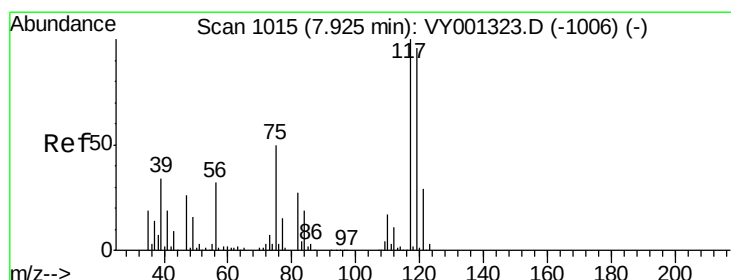
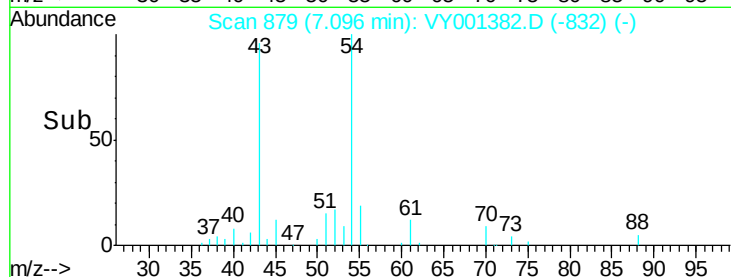
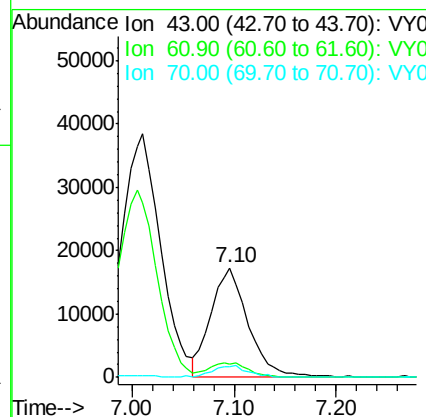
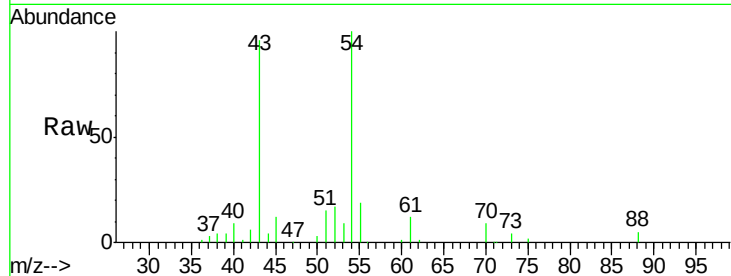
#37
Ethyl Acetate
Concen: 21.973 ug/l
RT: 7.10 min Scan# 879
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.3	8.7	13.1

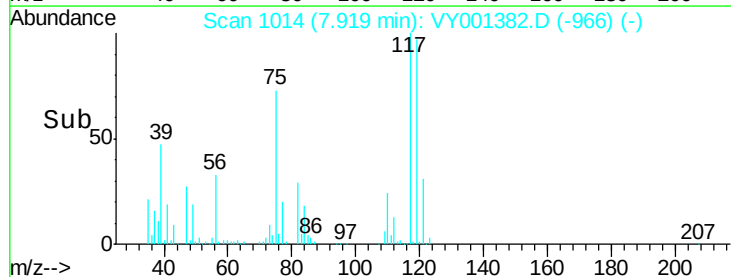
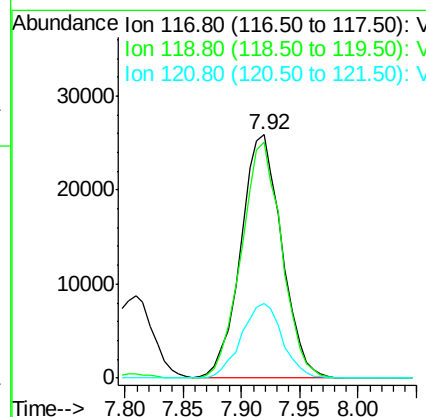
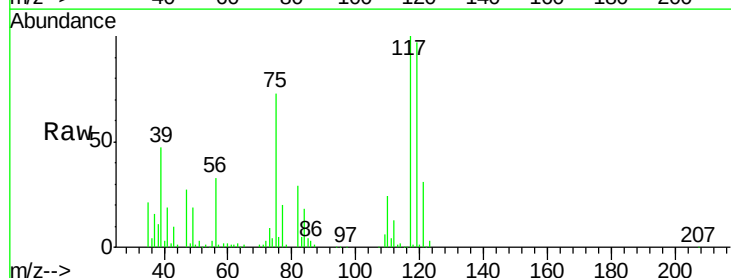
Manual Integrations
APPROVED

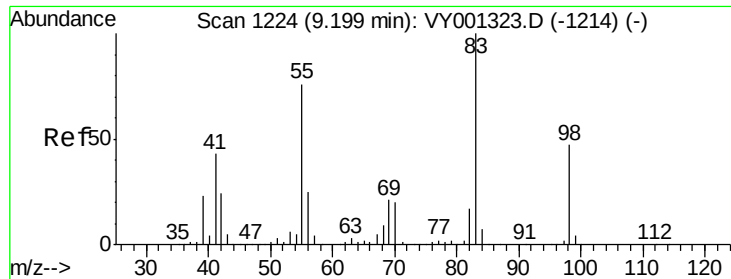
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#38
Carbon Tetrachloride
Concen: 21.757 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.3	114.5
121	30.8	23.5	35.3





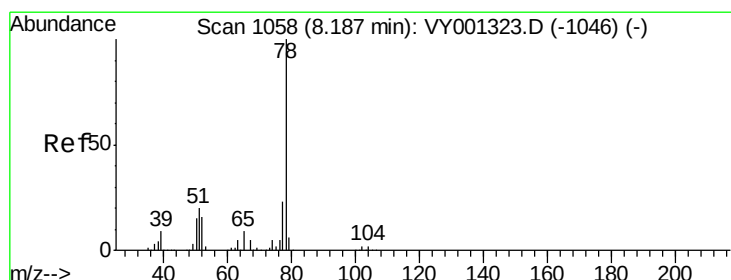
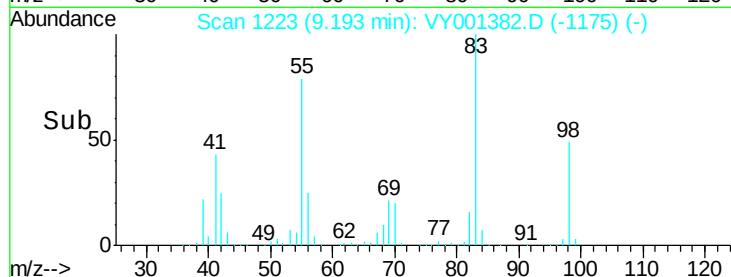
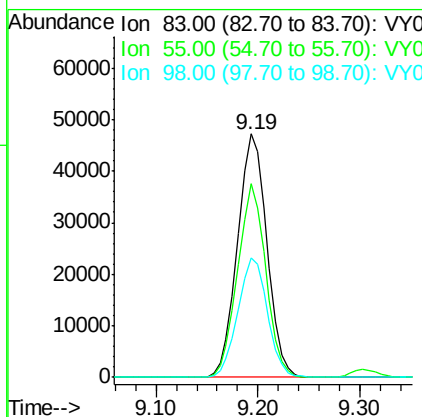
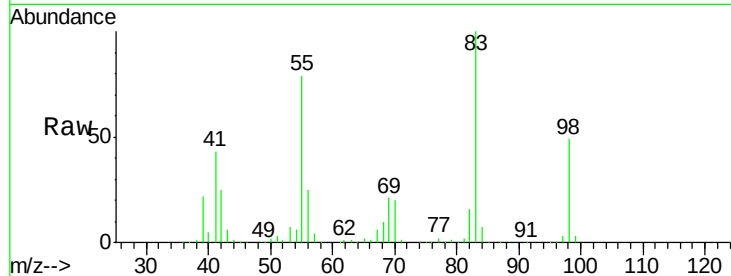
#39
Methylvlcyclohexane
Concen: 22.501 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	60.7	91.1
98	49.0	37.8	56.8

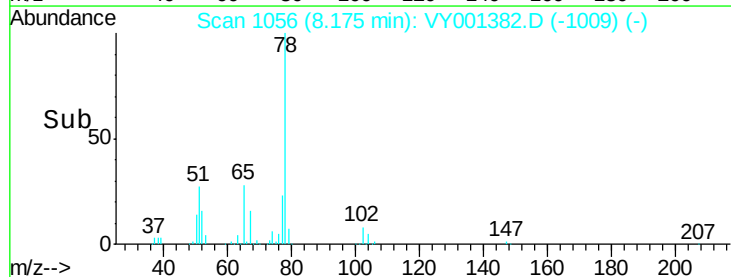
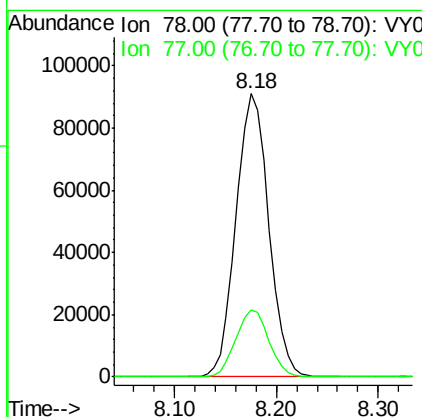
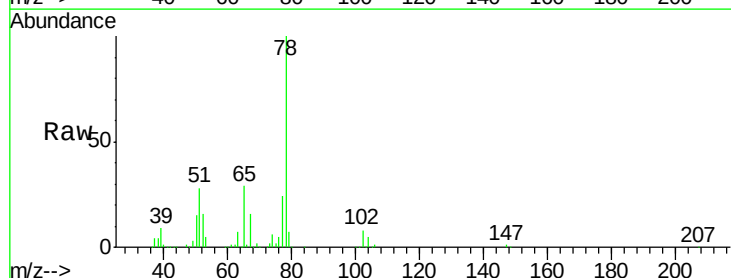
Manual Integrations
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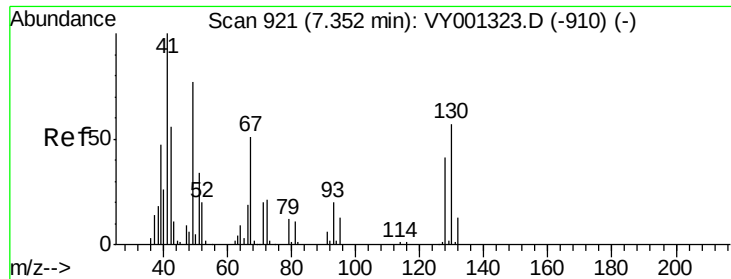
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#40
Benzene
Concen: 20.699 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8





#41

Methacrylonitrile

Concen: 25.526 ug/l m

RT: 7.35 min Scan# 920

Delta R.T. -0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion: 41 Resp: 26312

Ion Ratio Lower Upper

41 100

39 102.6 0.0 0.0#

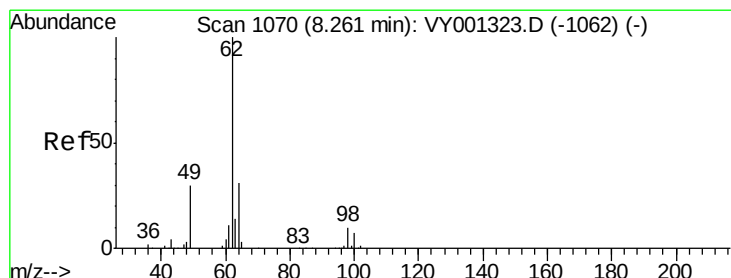
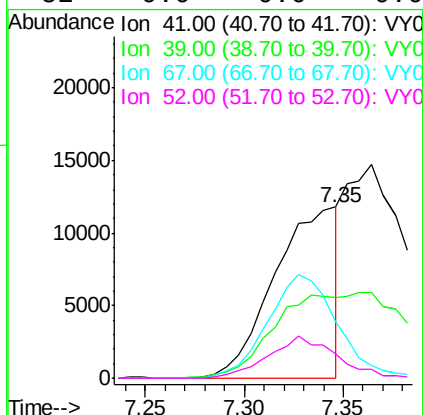
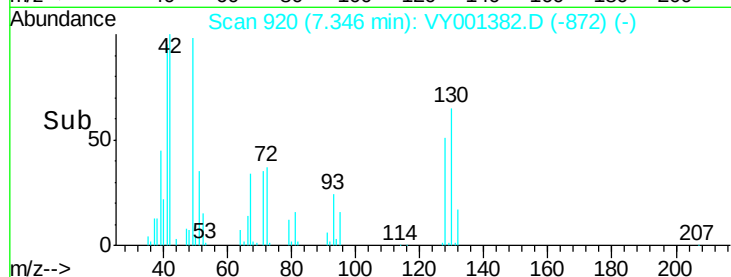
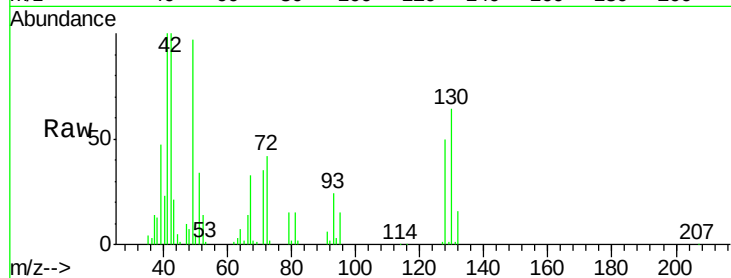
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.904 ug/l

RT: 8.25 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VY001382.D

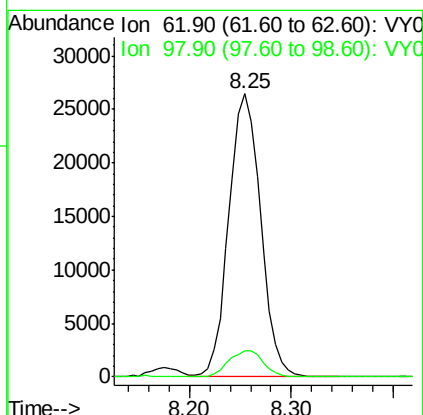
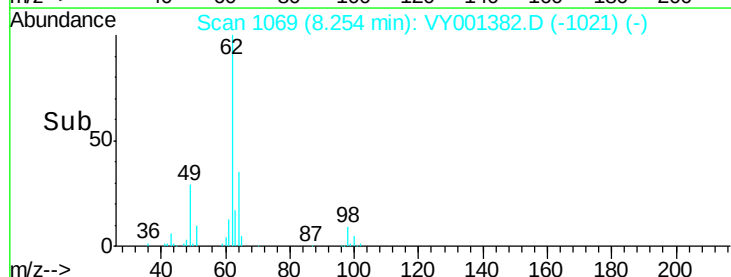
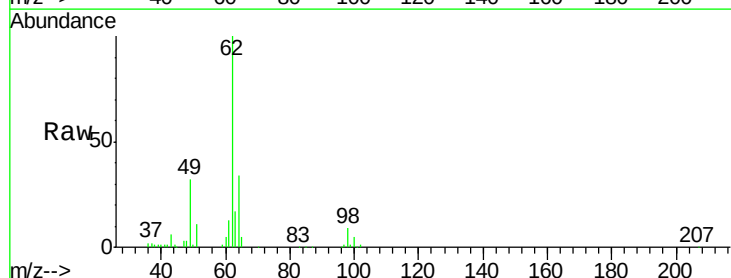
Acq: 24 Jan 2020 15:11

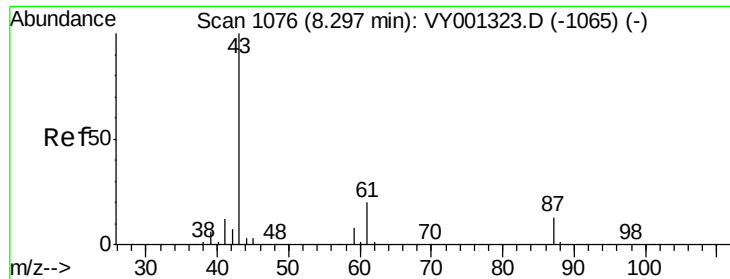
Tgt Ion: 62 Resp: 57259

Ion Ratio Lower Upper

62 100

98 10.0 0.0 20.8





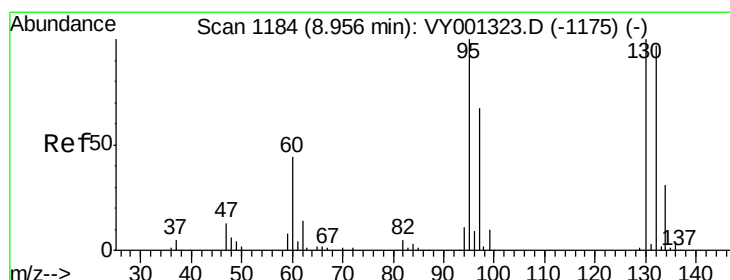
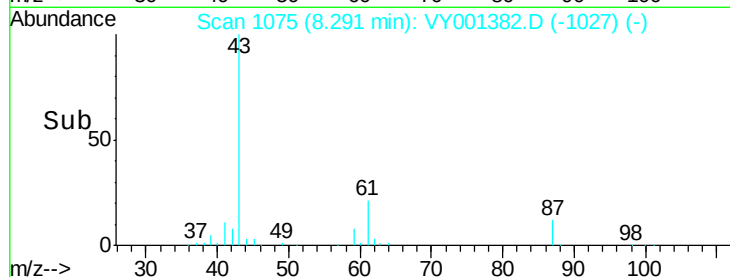
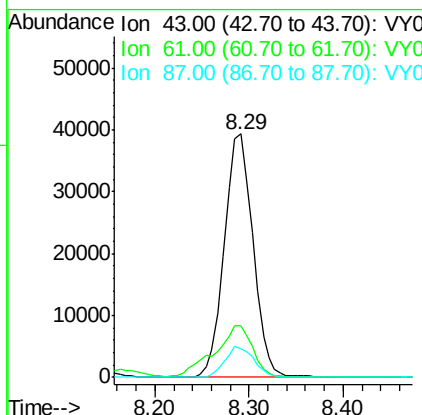
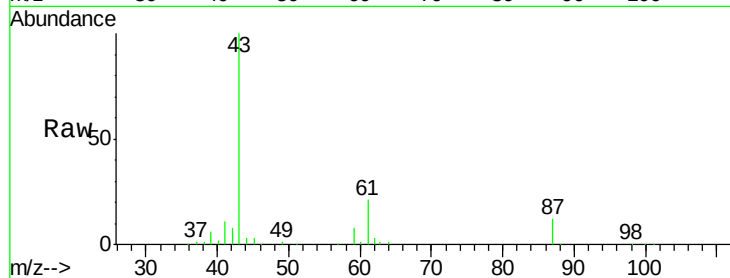
#43
Isopropyl Acetate
Concen: 21.523 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.7	34.1
87	12.6	11.0	16.4

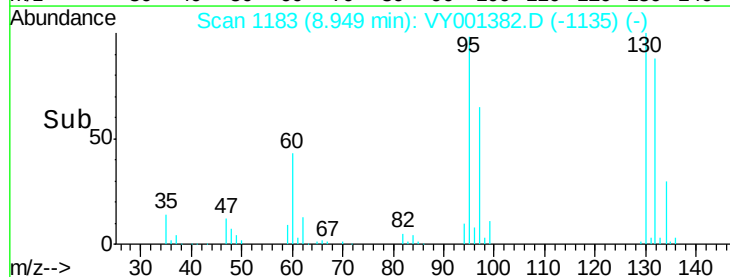
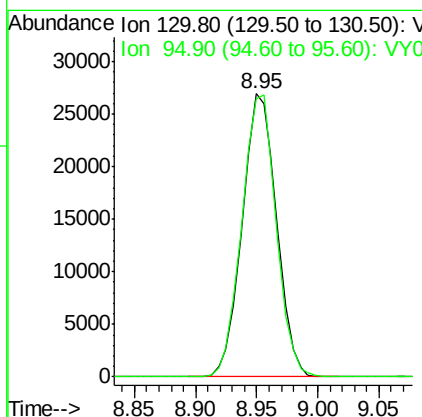
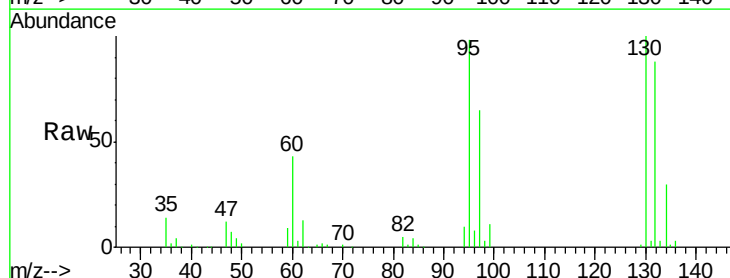
Manual Integrations
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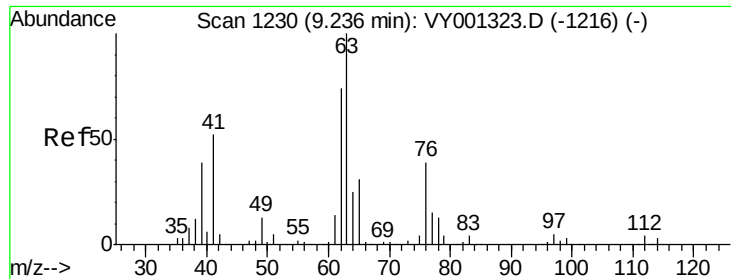
MMDadoda
1/27/2020 12:02:25 PM



#44
Trichloroethene
Concen: 20.892 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	200.0





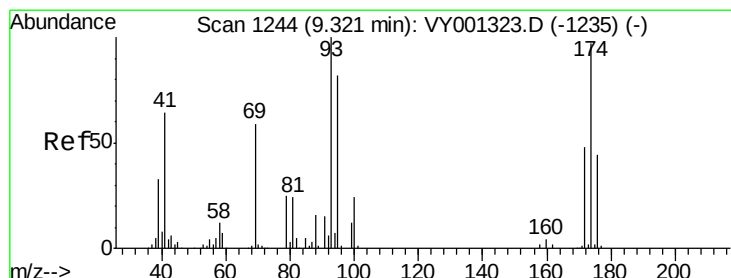
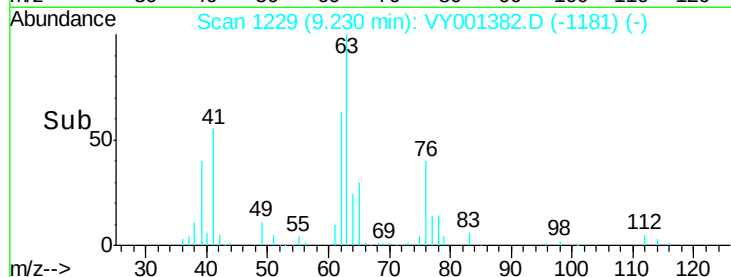
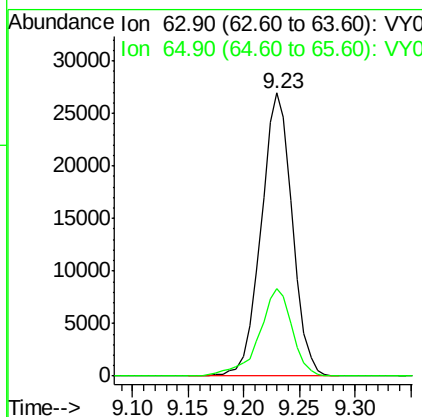
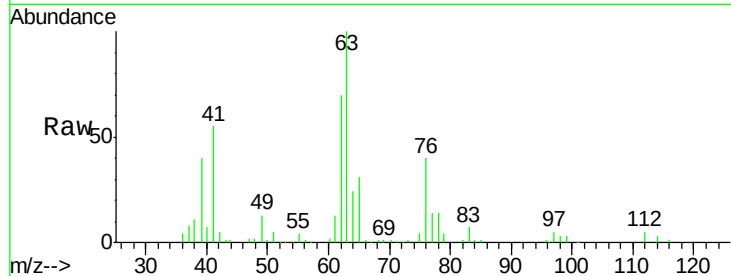
#45
 1,2-Dichloropropane
 Concen: 21.206 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.9	37.3

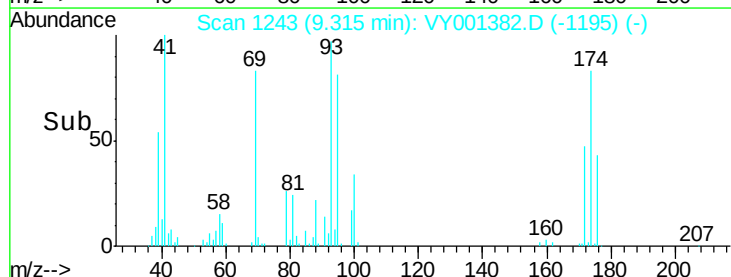
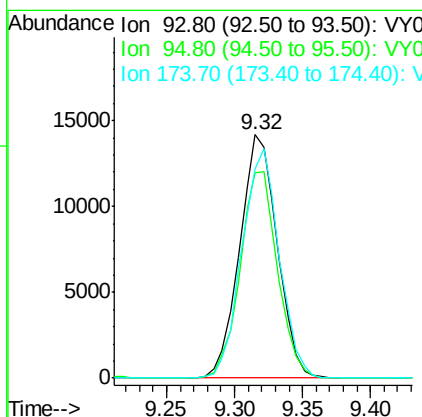
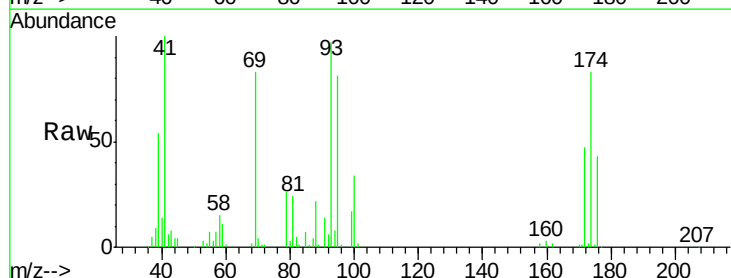
Manual Integrations
 APPROVED

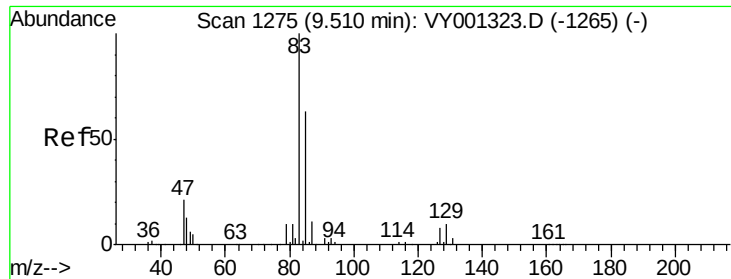
MMDadoda
 1/27/2020 12:02:25 PM



#46
 Dibromomethane
 Concen: 20.572 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	66.5	99.7
174	93.3	77.9	116.9





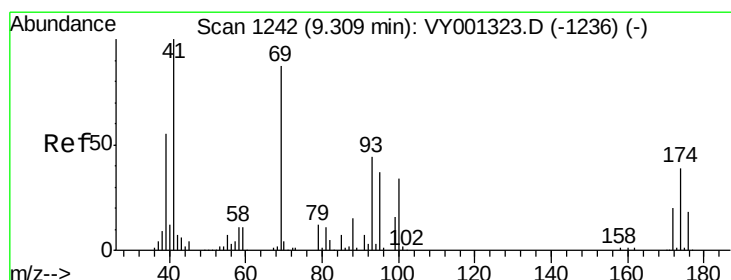
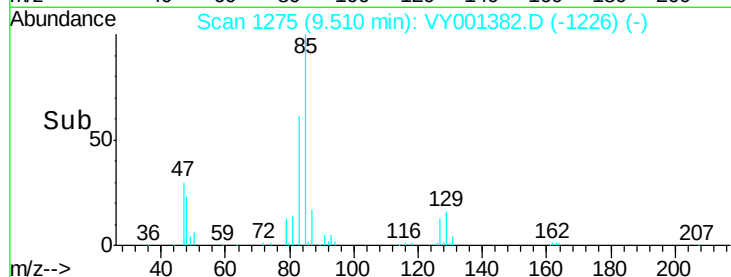
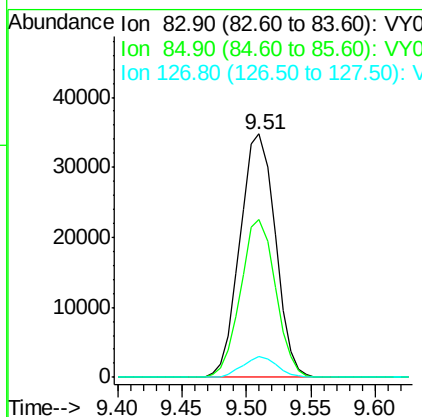
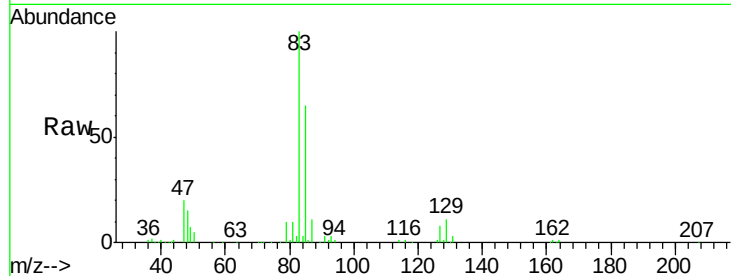
#47
Bromodichloromethane
Concen: 20.785 ug/l
RT: 9.51 min Scan# 1275
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	83	Resp	66103
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	50.2	75.2
127	8.3	6.4	9.6

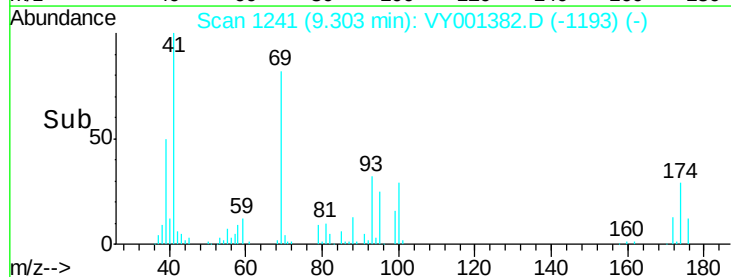
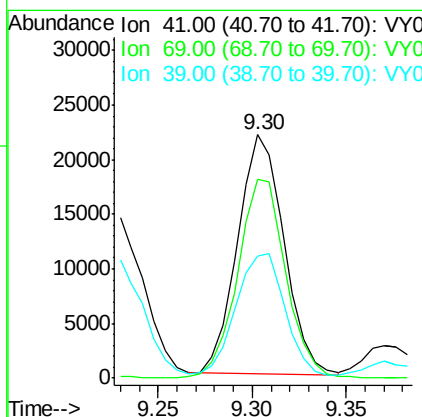
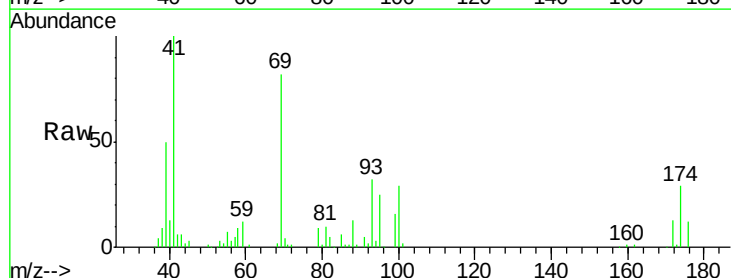
Manual Integrations
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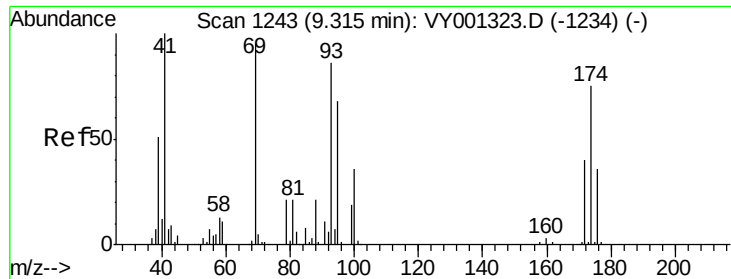
MMDadoda
1/27/2020 12:02:25 PM



#48
Methyl methacrylate
Concen: 21.199 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	41	Resp	37432
Ion Ratio	100	Lower	Upper
41	100		
69	86.2	70.2	105.4
39	53.3	45.7	68.5





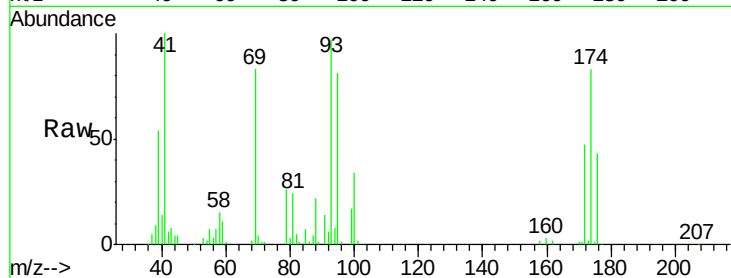
#49
1,4-Dioxane
Concen: 428.698 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.6	28.2	42.2
58	67.2	55.6	83.4

Manual Integrations
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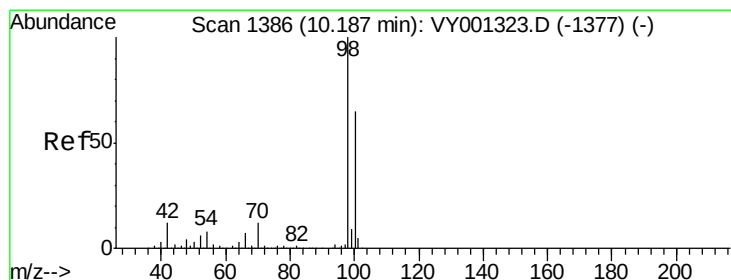
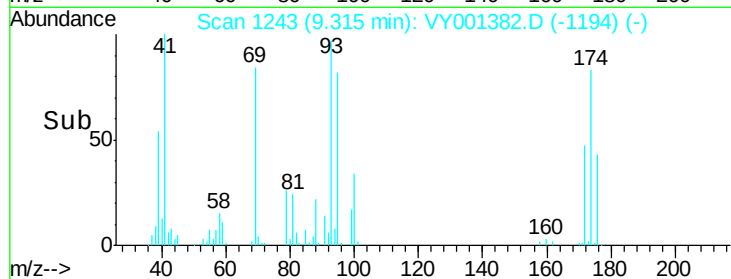
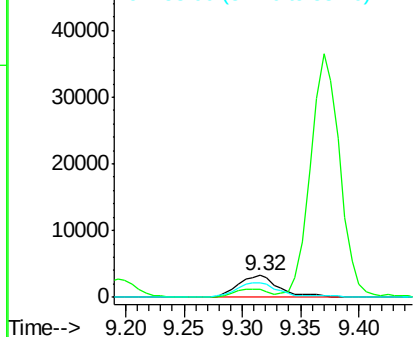


Abundance

Ion 88.00 (87.70 to 88.70): VY0

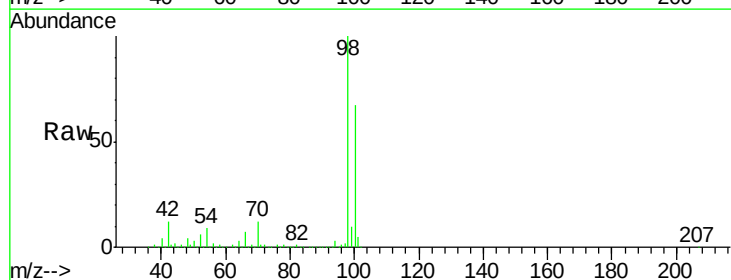
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 53.118 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

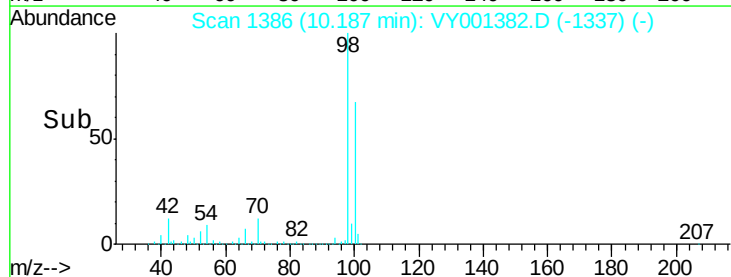
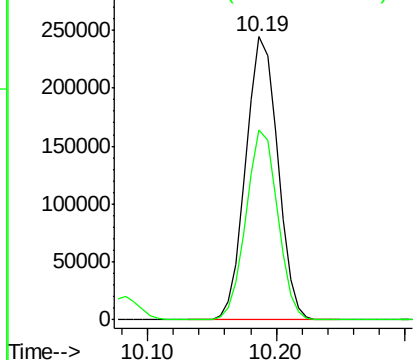
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	79.0

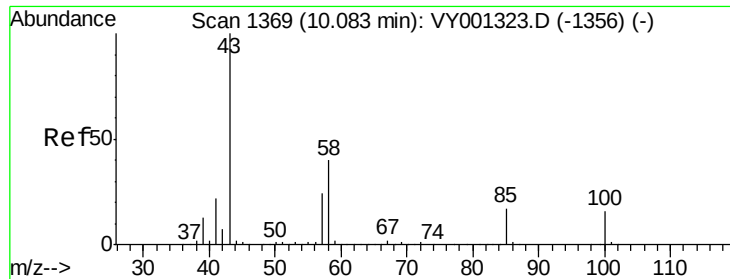


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





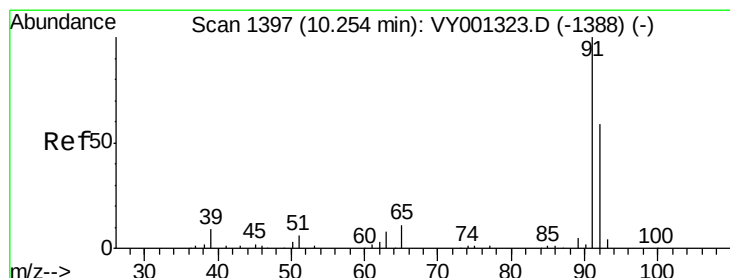
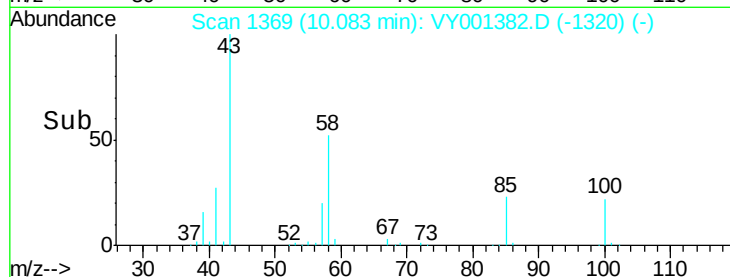
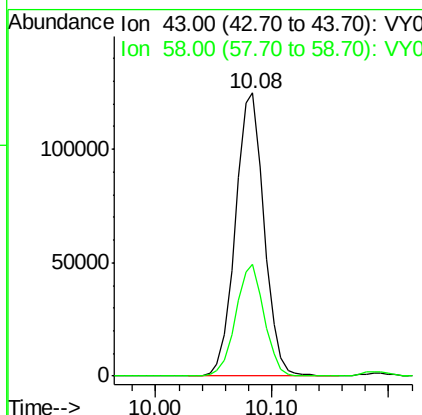
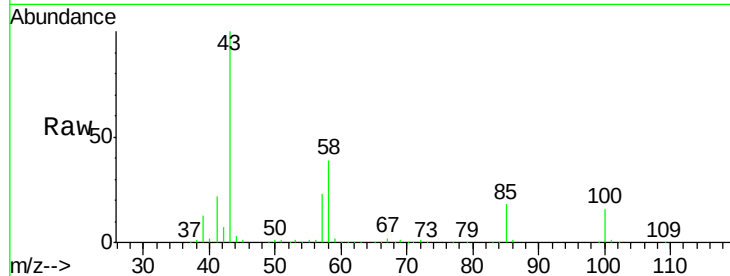
#51
4-Methyl-2-Pentanone
Concen: 107.022 ug/l
RT: 10.08 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 43 Resp: 214075
Ion Ratio Lower Upper
43 100
58 39.0 31.5 47.3

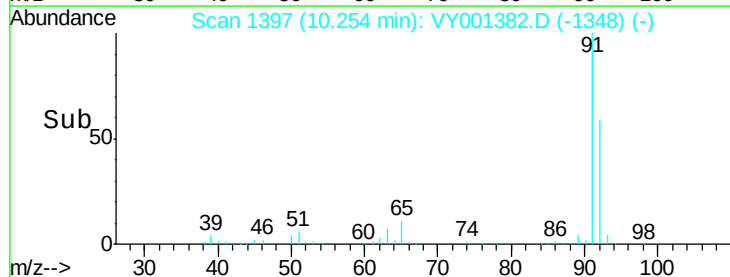
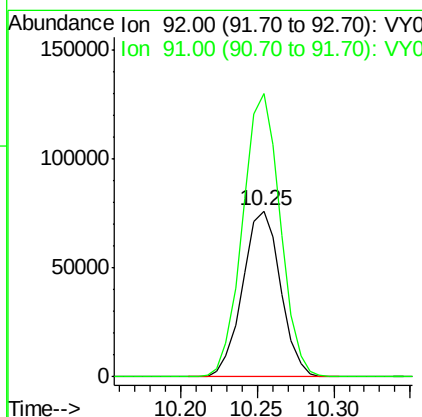
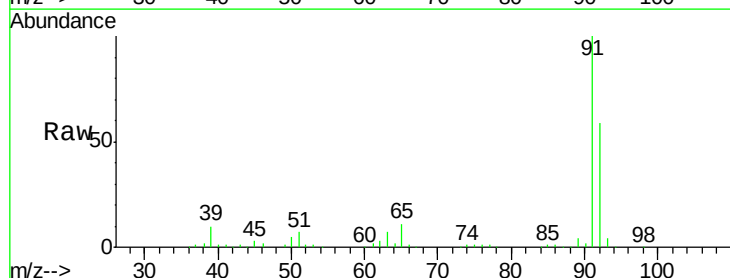
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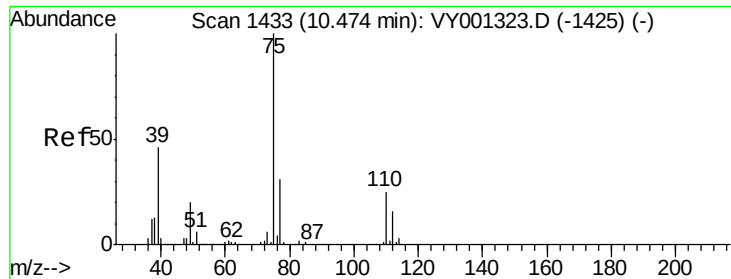
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#52
Toluene
Concen: 21.074 ug/l
RT: 10.25 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion: 92 Resp: 130957
Ion Ratio Lower Upper
92 100
91 169.7 136.4 204.6





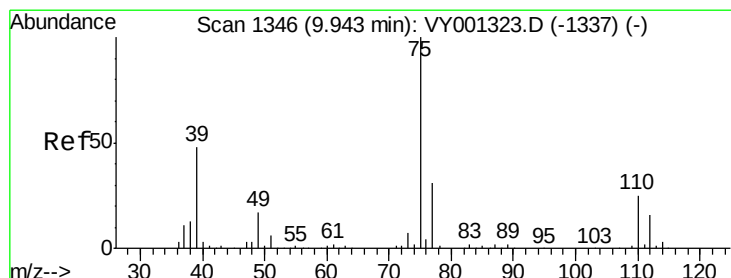
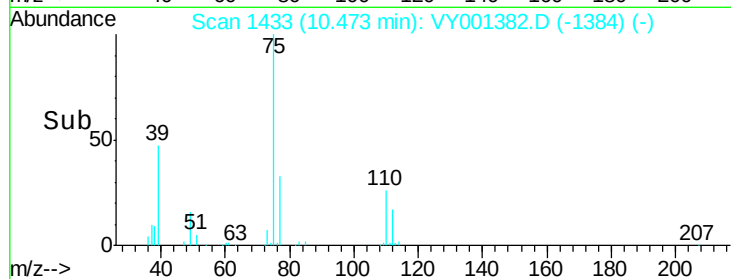
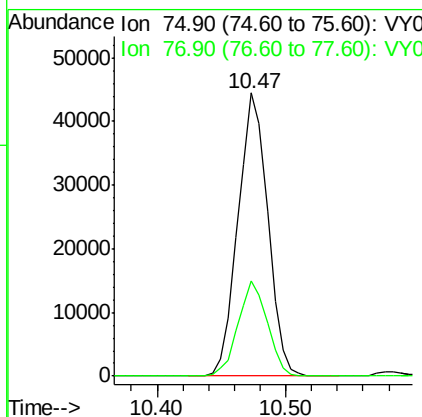
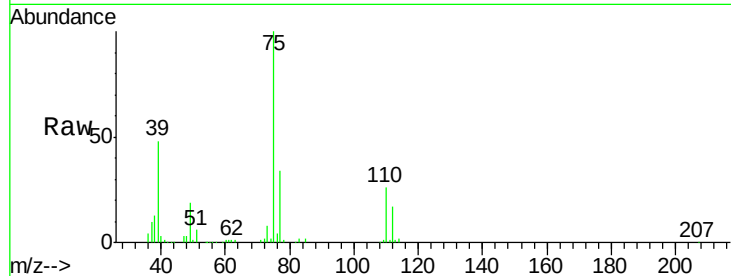
#53
t-1,3-Dichloropropene
Concen: 20.254 ug/l
RT: 10.47 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 75 Resp: 71400
Ion Ratio Lower Upper
75 100
77 33.5 25.2 37.8

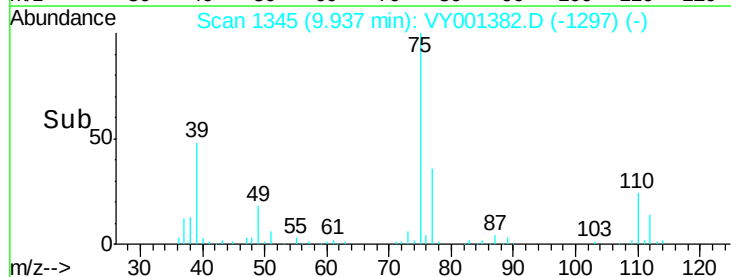
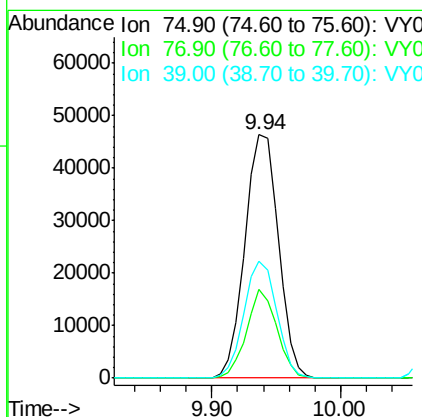
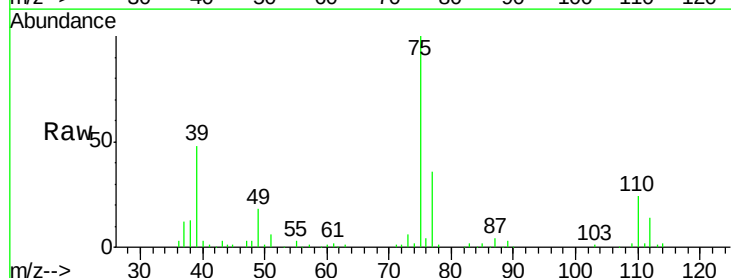
Manual Integrations
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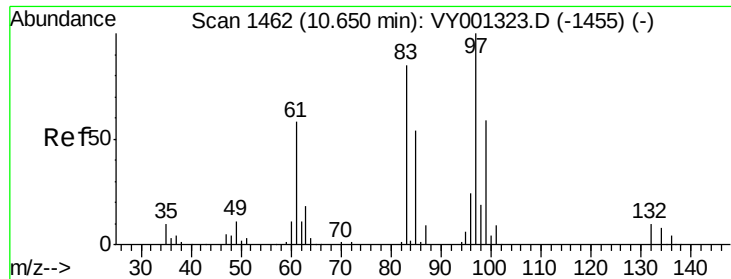
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#54
cis-1,3-Dichloropropene
Concen: 20.605 ug/l
RT: 9.94 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion: 75 Resp: 83370
Ion Ratio Lower Upper
75 100
77 36.3 25.0 37.6
39 47.8 38.2 57.4





#55

1,1,2-Trichloroethane

Concen: 21.159 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

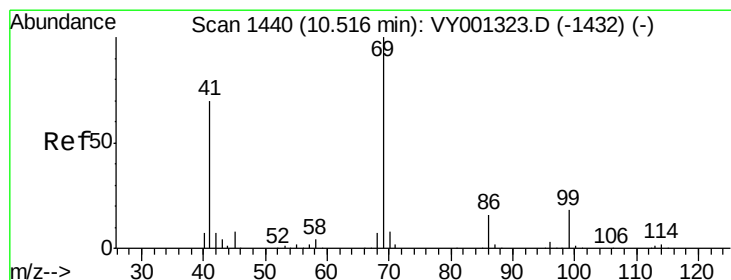
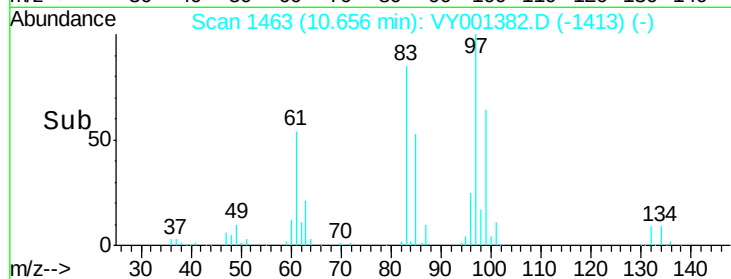
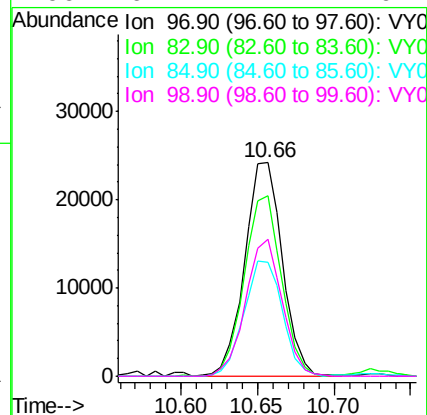
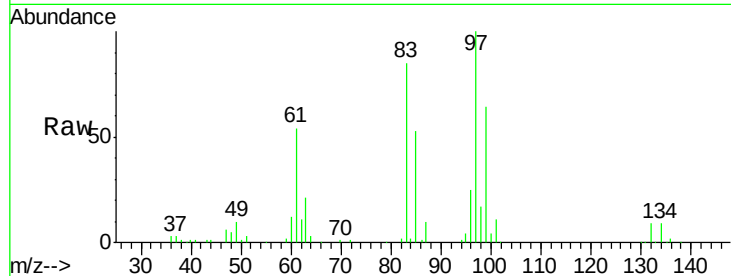
ClientSampleId :

VY0124SBS01

Tot Ion:	97	Resp:	41550
Ion	Ratio	Lower	Upper
97	100		
83	84.7	68.0	102.0
85	53.4	43.6	65.4
99	64.2	47.1	70.7

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#56

Ethyl methacrylate

Concen: 21.005 ug/l

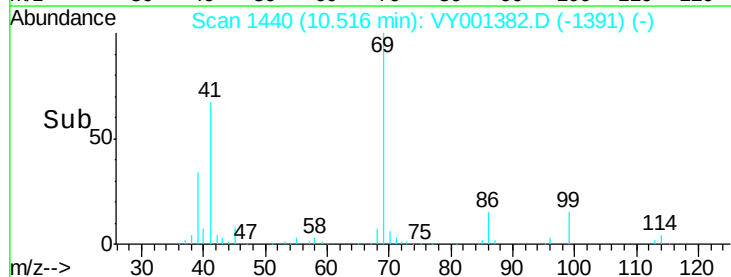
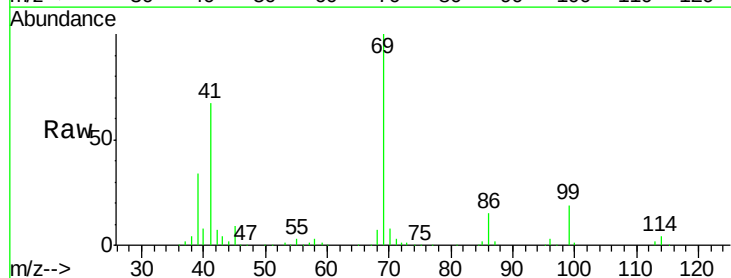
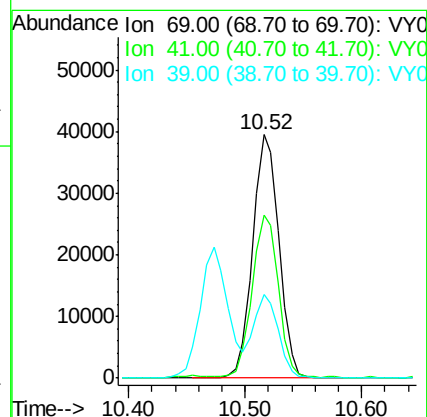
RT: 10.52 min Scan# 1440

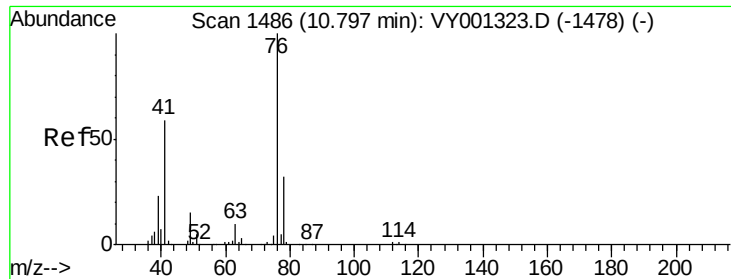
Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Tgt Ion:	69	Resp:	62342
Ion	Ratio	Lower	Upper
69	100		
41	66.3	54.1	81.1
39	32.4	26.8	40.2





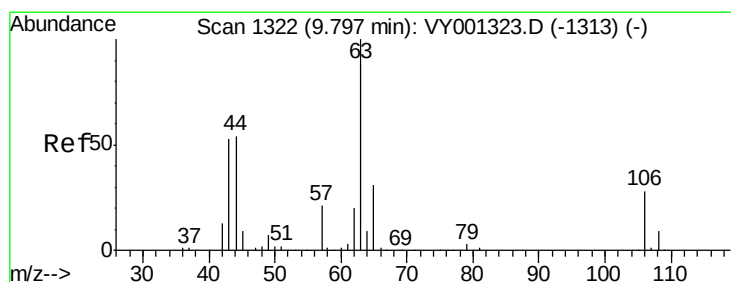
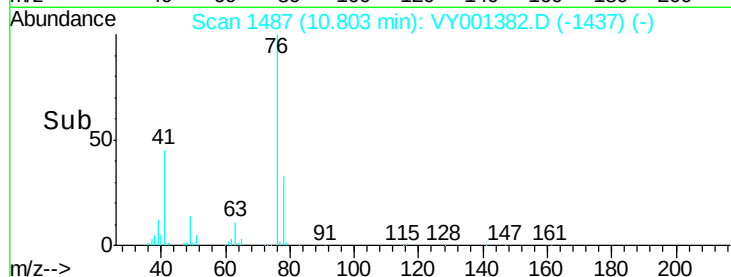
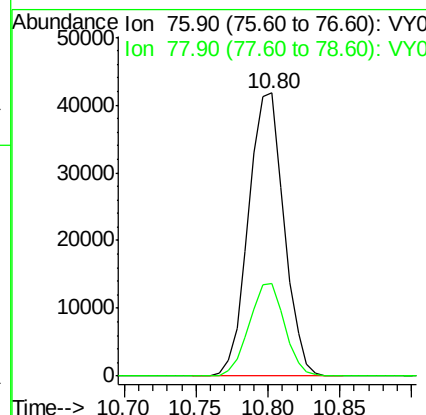
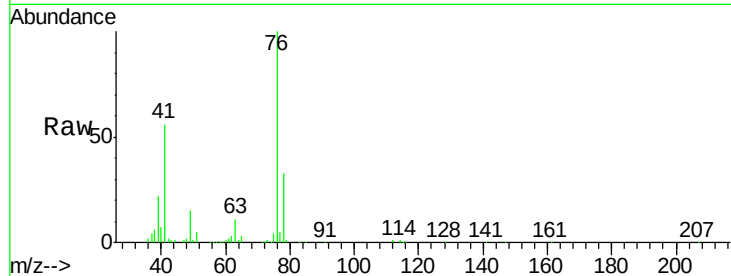
#57
 1,3-Dichloropropane
 Concen: 20.811 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.01 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 76 Resp: 71188
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.8

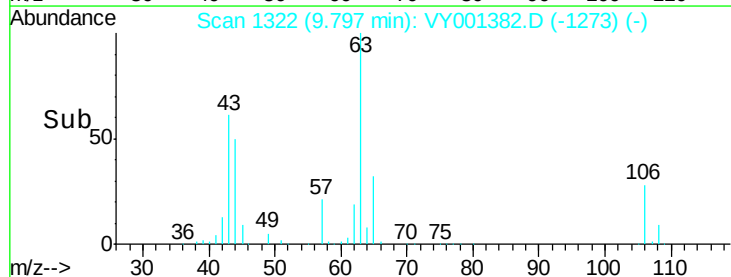
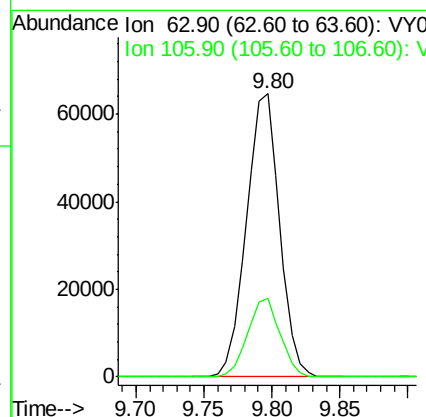
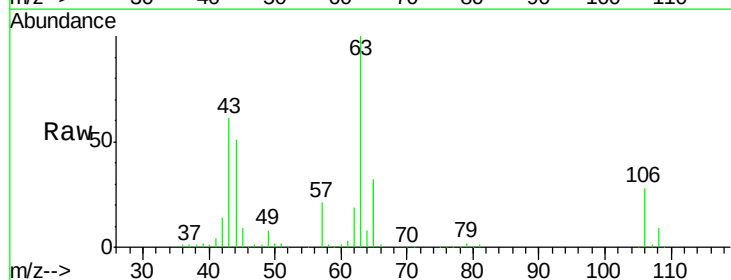
Manual Integrations
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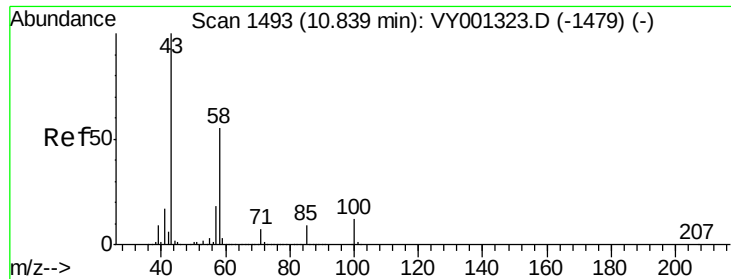
MMDadoda
 1/27/2020 12:02:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 107.463 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Tgt Ion: 63 Resp: 110365
 Ion Ratio Lower Upper
 63 100
 106 27.0 22.5 33.7





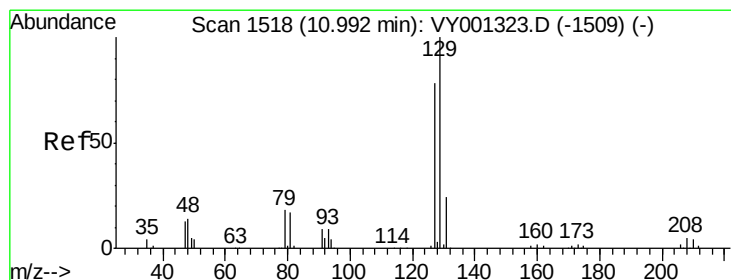
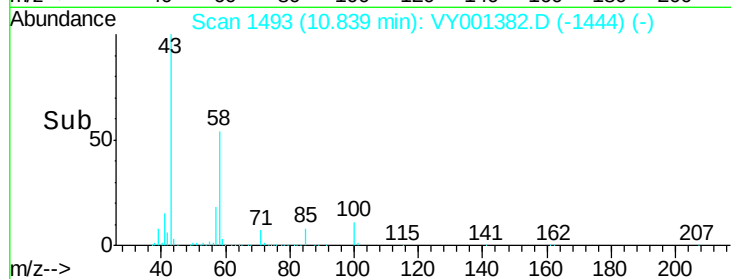
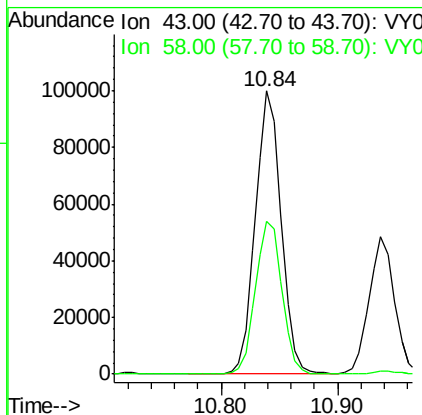
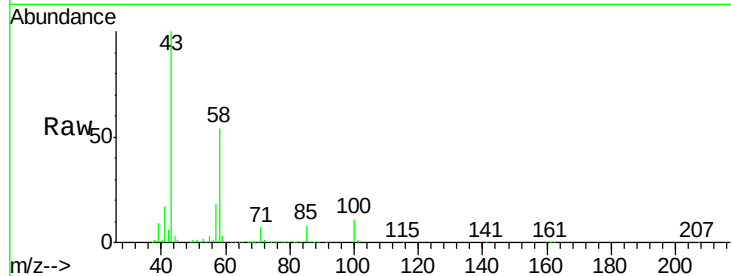
#59
2-Hexanone
Concen: 111.331 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 43 Resp: 155033
Ion Ratio Lower Upper
43 100
58 55.4 27.6 82.8

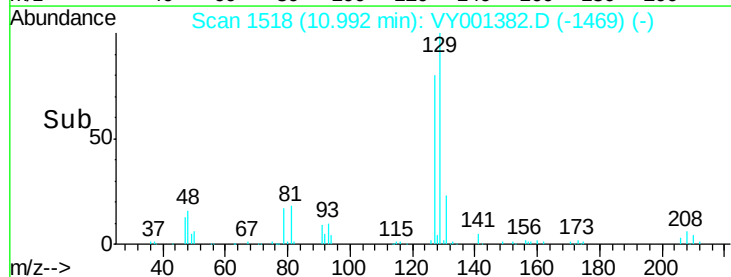
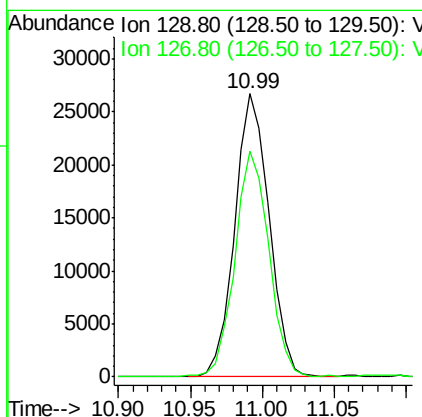
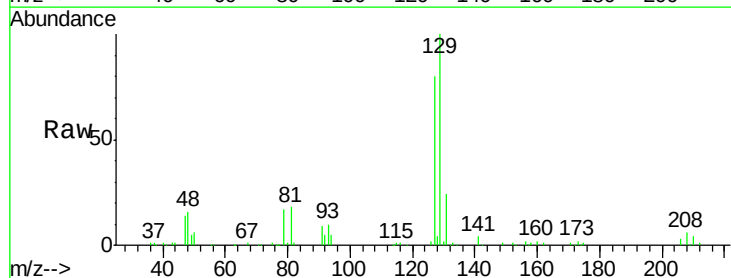
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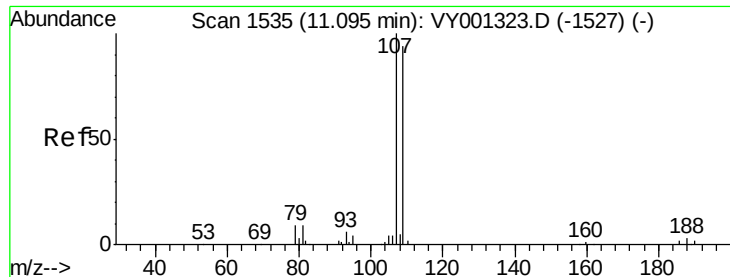
MMDadoda
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#60
Dibromochloromethane
Concen: 20.178 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion: 129 Resp: 44317
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





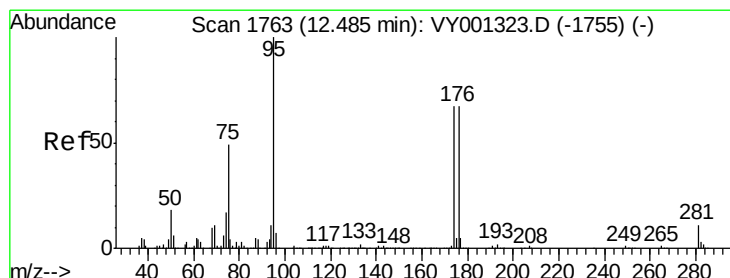
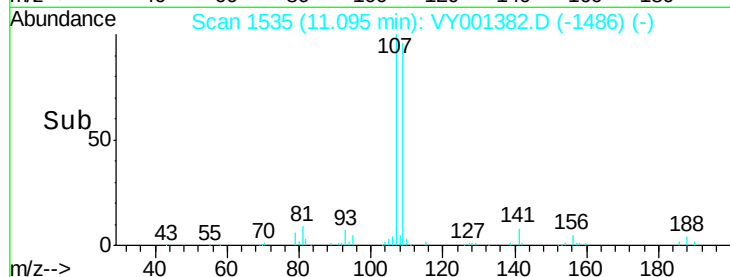
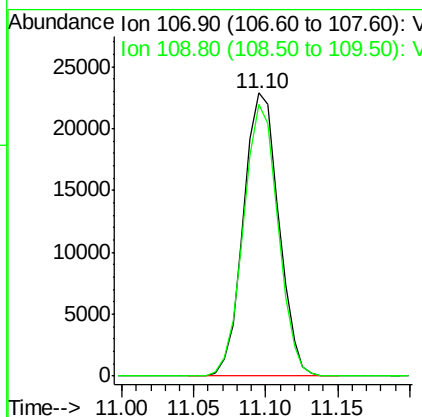
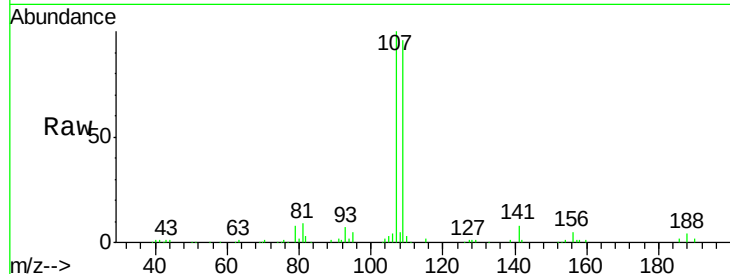
#61
 1,2-Dibromoethane
 Concen: 20.856 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion: 107 Resp: 38717
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.0 112.6

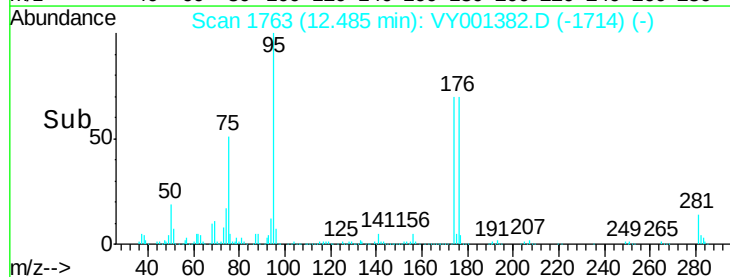
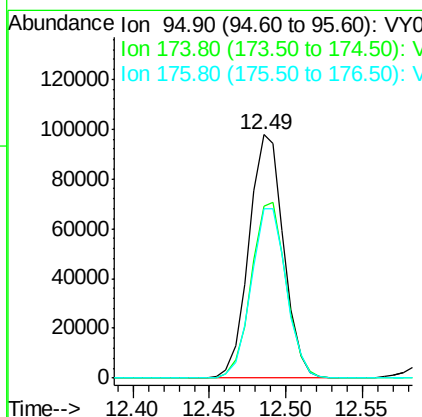
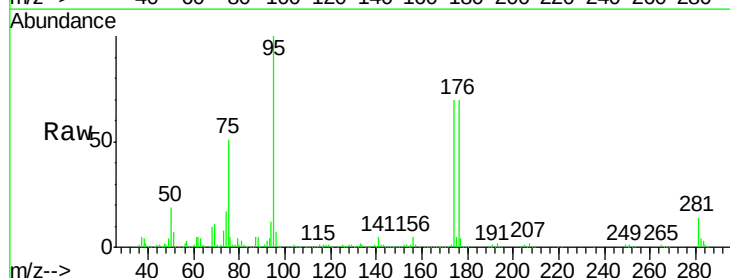
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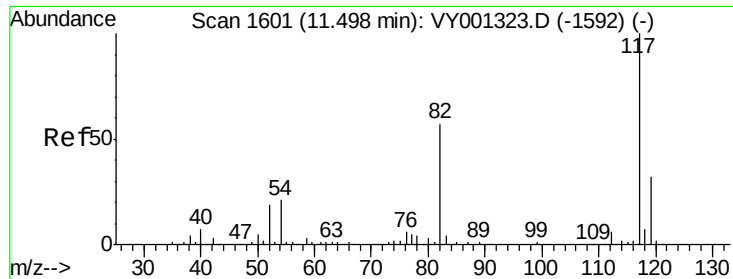
MMDadoda
 1/27/2020 12:02:25 PM



#62
 4-Bromofluorobenzene
 Concen: 48.923 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Tgt Ion: 95 Resp: 153742
 Ion Ratio Lower Upper
 95 100
 174 72.5 0.0 142.0
 176 70.5 0.0 138.6





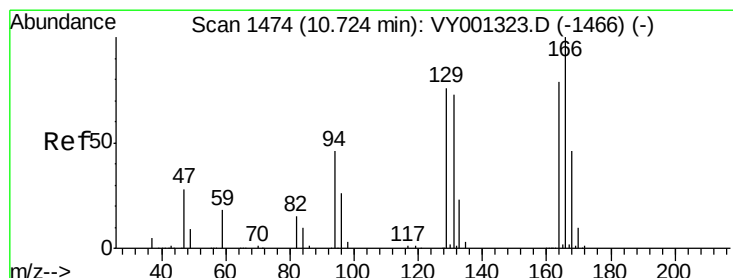
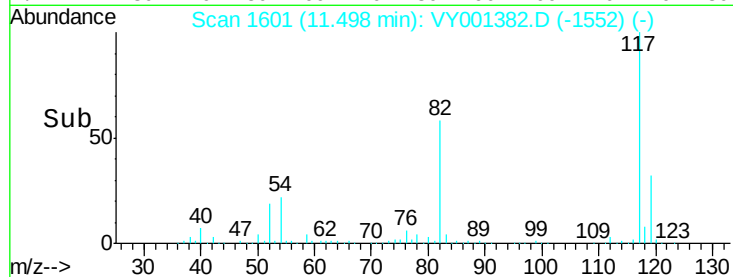
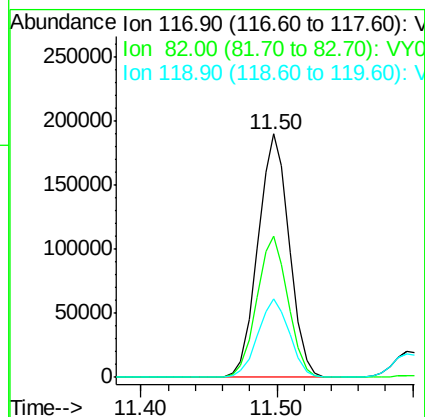
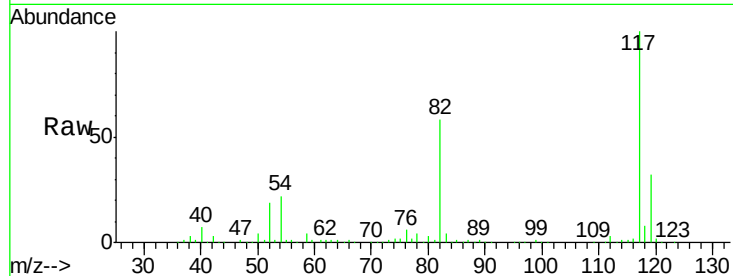
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.5	68.3
119	32.0	25.8	38.6

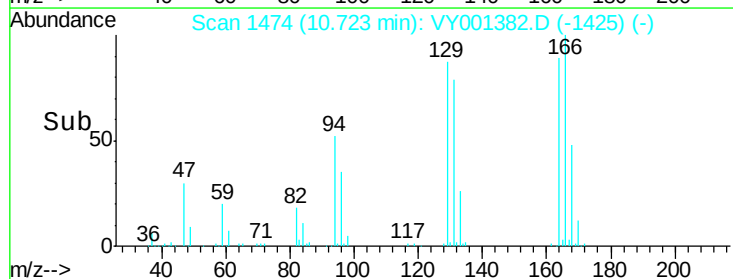
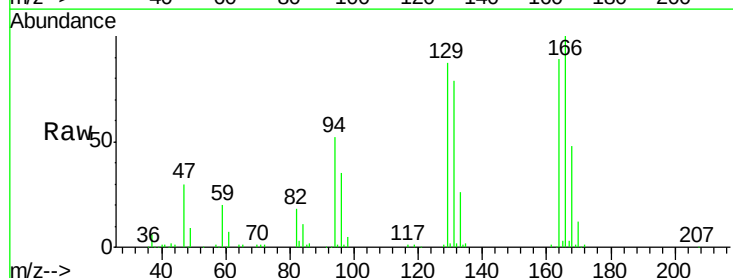
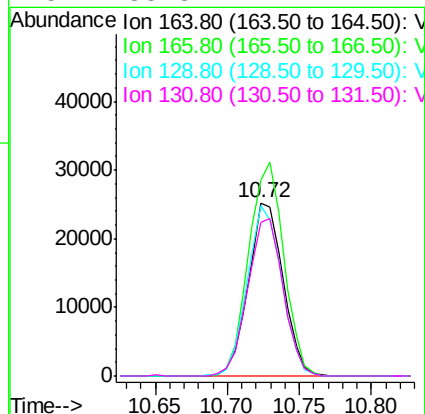
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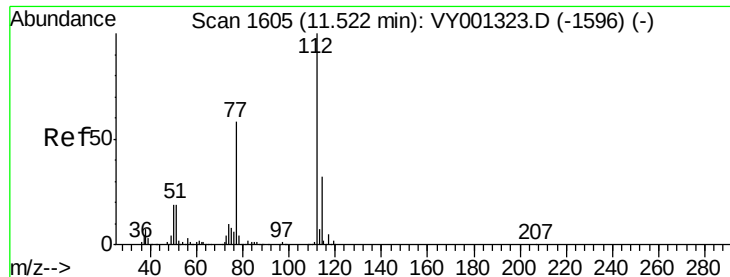
MMDadoda
1/27/2020 12:02:25 PM



#64
Tetrachloroethene
Concen: 21.508 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	112.8	101.8	152.8
129	98.0	77.1	115.7
131	88.8	74.2	111.2





#65

Chlorobenzene

Concen: 21.124 ug/l

RT: 11.52 min Scan# 1605

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:112 Resp: 135870

Ion Ratio Lower Upper

112 100

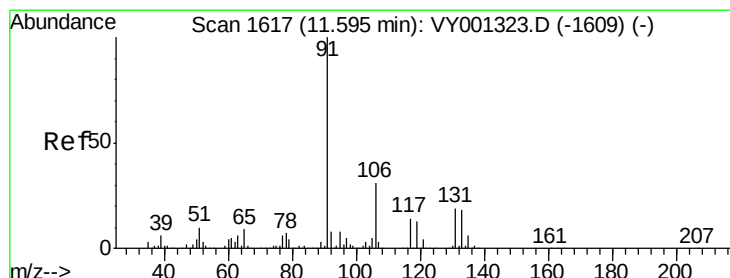
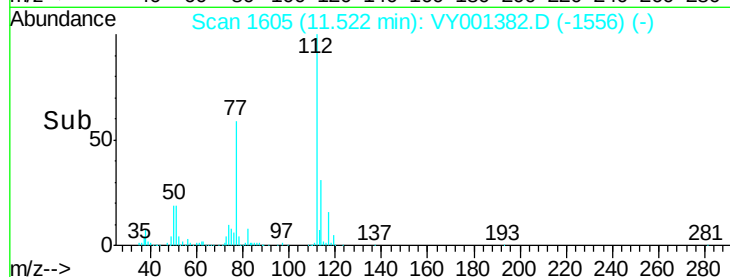
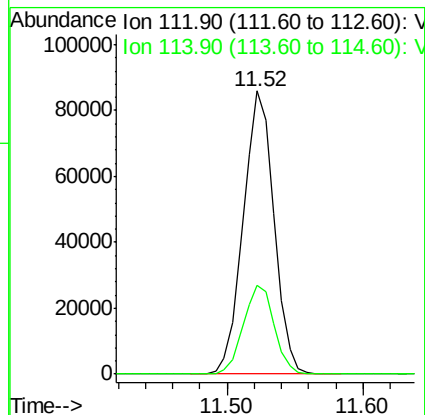
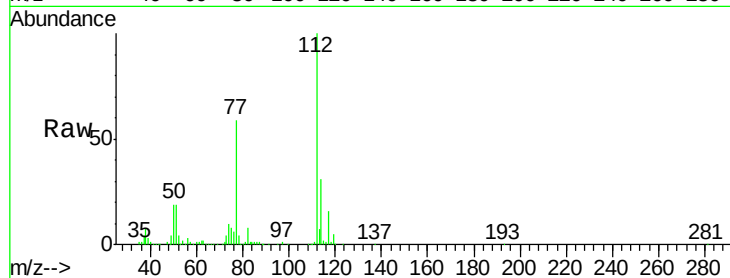
114 31.2 25.8 38.6

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 20.887 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

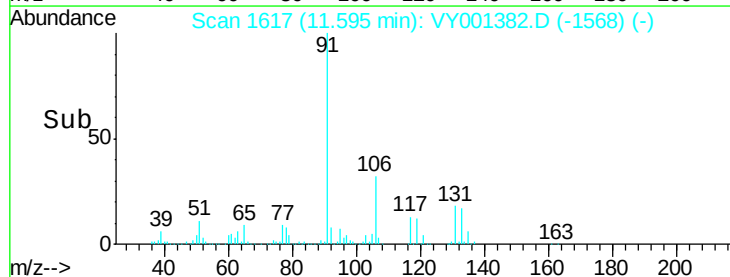
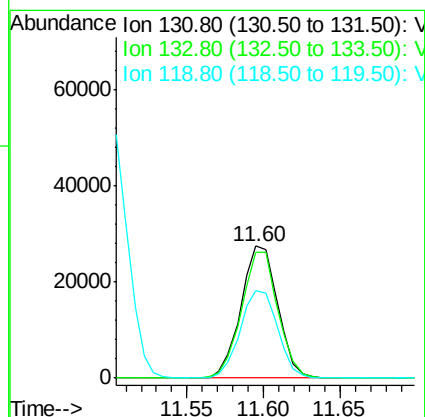
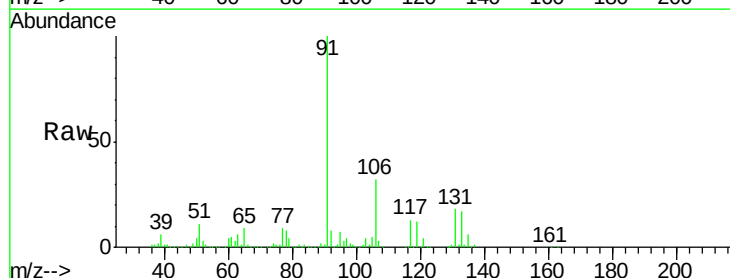
Tgt Ion:131 Resp: 45848

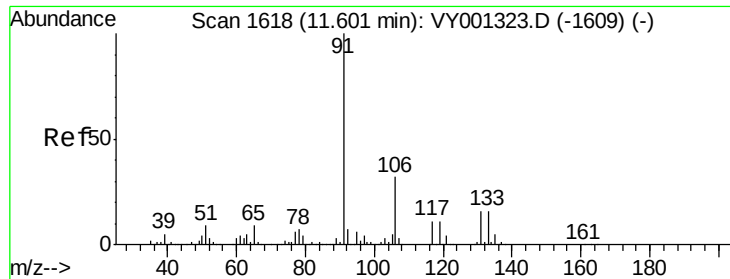
Ion Ratio Lower Upper

131 100

133 94.7 47.1 141.3

119 67.7 34.1 102.2





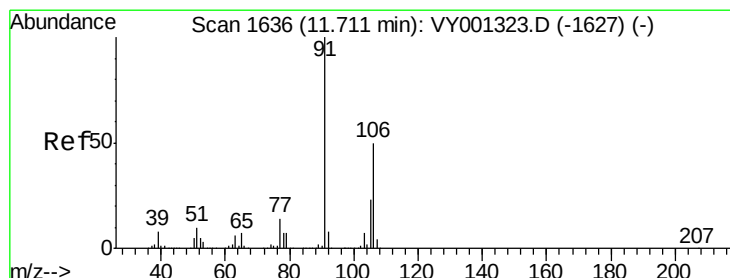
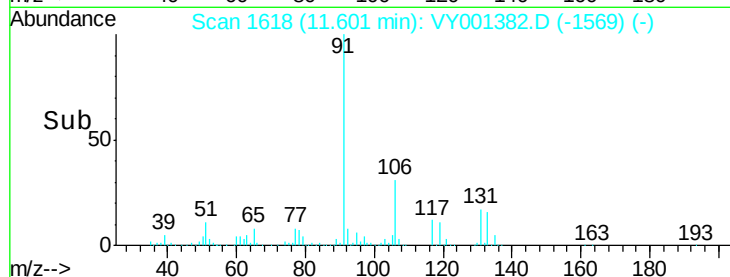
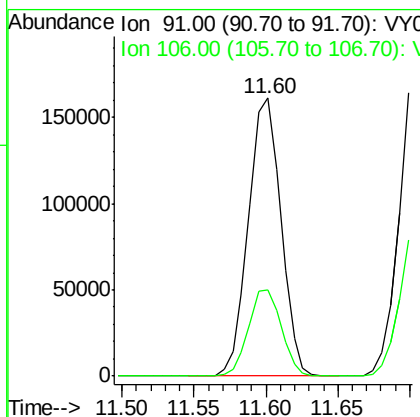
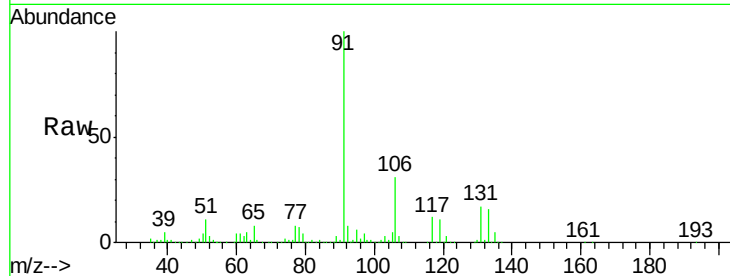
#67
Ethyl Benzene
Concen: 21.298 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion: 91 Resp: 252463
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

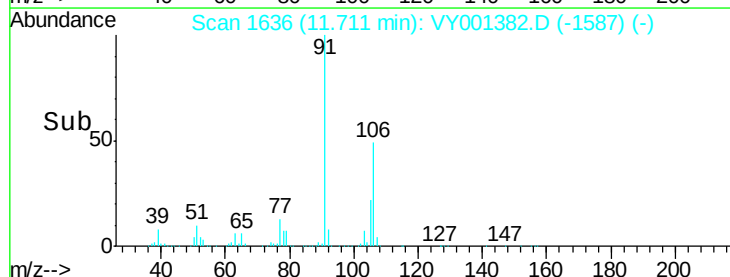
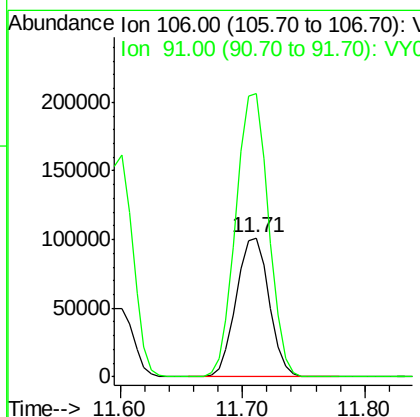
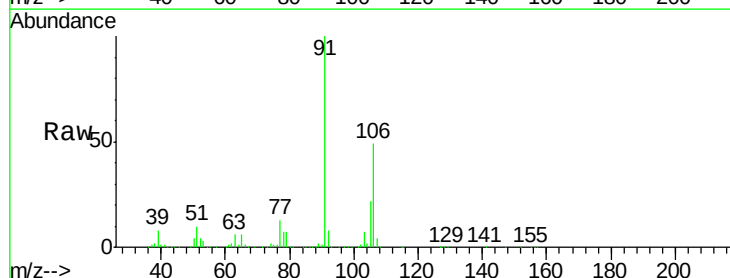
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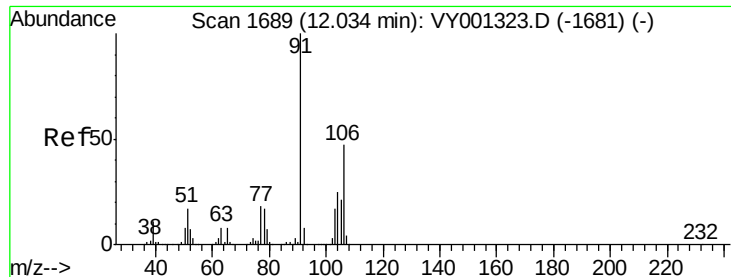
MMDadoda
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#68
m/p-Xylenes
Concen: 42.589 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion: 106 Resp: 188550
Ion Ratio Lower Upper
106 100
91 202.9 162.8 244.2





#69

o-Xylene

Concen: 21.053 ug/l

RT: 12.03 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:106 Resp: 89665

Ion Ratio Lower Upper

106 100

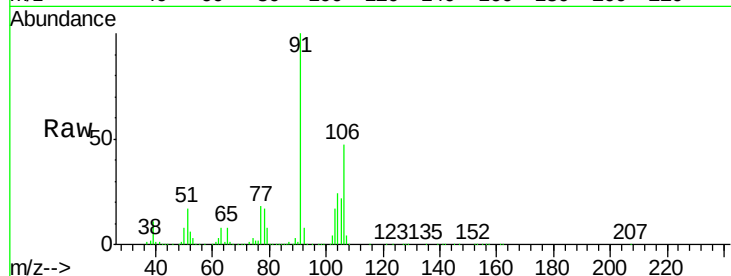
91 215.2 106.3 319.0

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

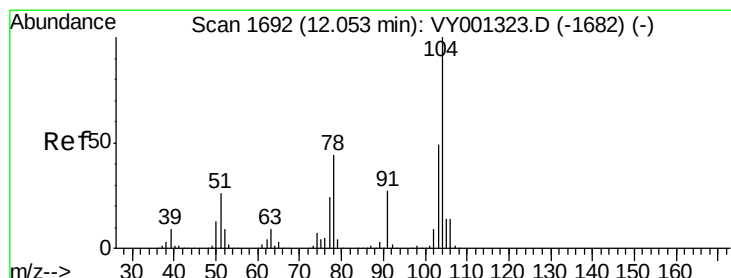
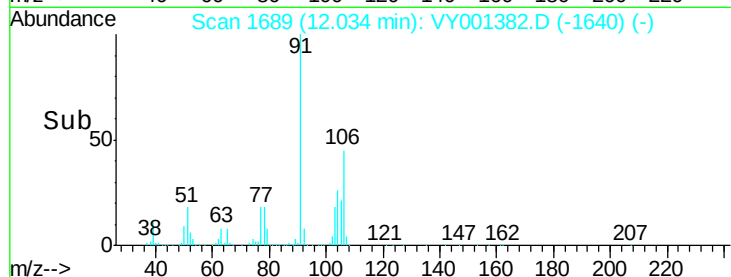
100000

50000

0

11.95 12.00 12.05 12.10

Time-->



#70

Styrene

Concen: 20.988 ug/l

RT: 12.05 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

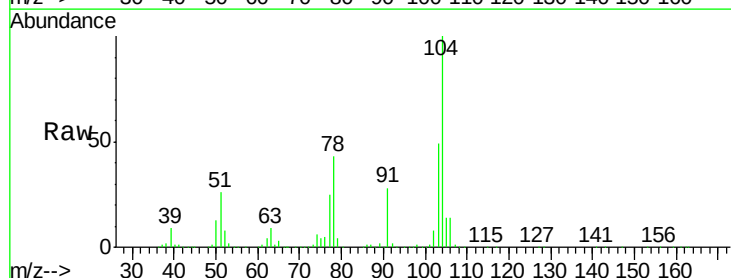
Tgt Ion:104 Resp: 156835

Ion Ratio Lower Upper

104 100

78 49.1 39.8 59.8

103 54.6 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VY0

Ion 103.00 (102.70 to 103.70): V

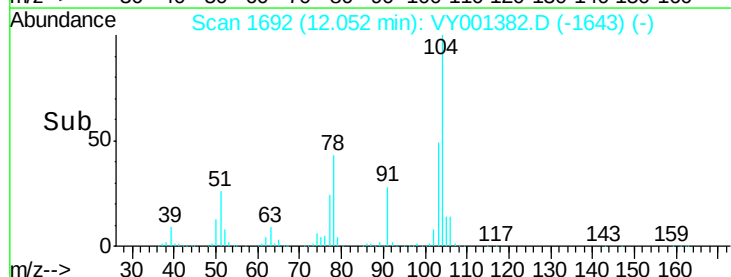
100000

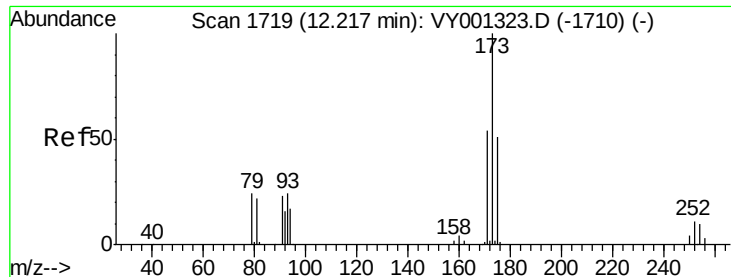
50000

0

12.00 12.10

Time-->





#71

Bromoform

Concen: 20.623 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:173 Resp: 27022

Ion Ratio Lower Upper

173 100

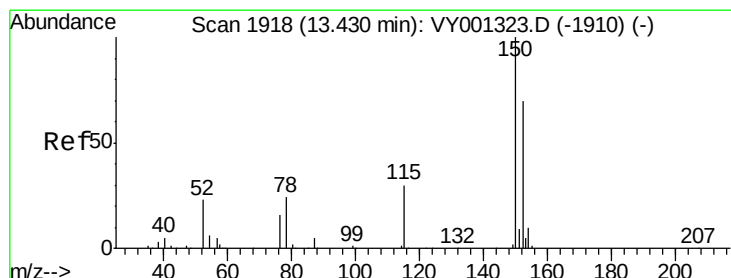
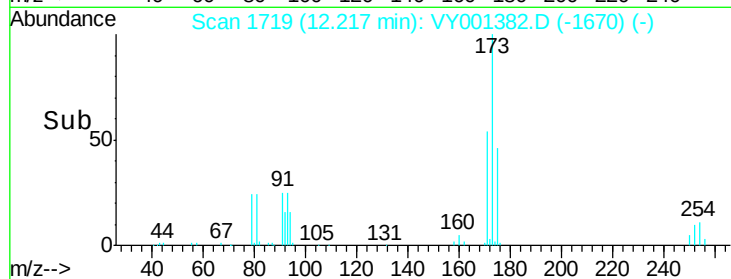
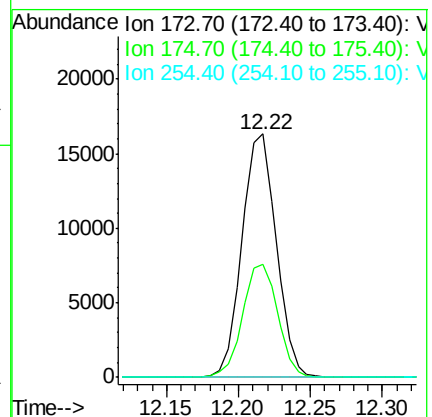
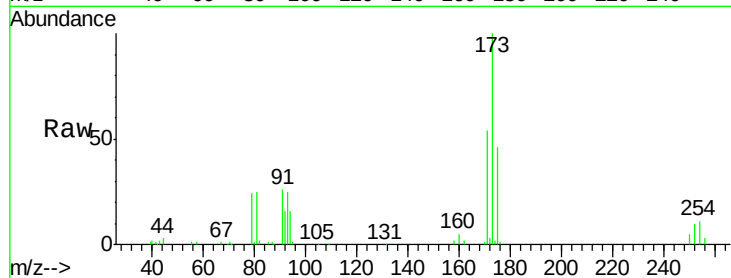
175 47.1 24.3 72.9

254 0.0 0.0 0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

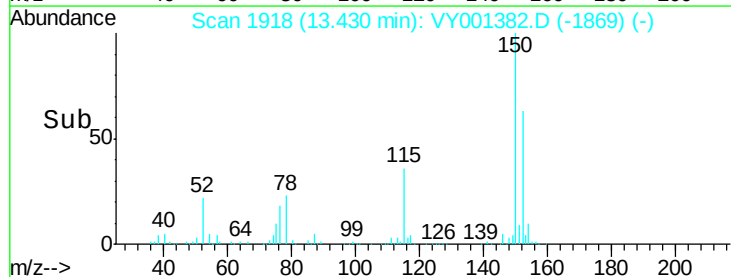
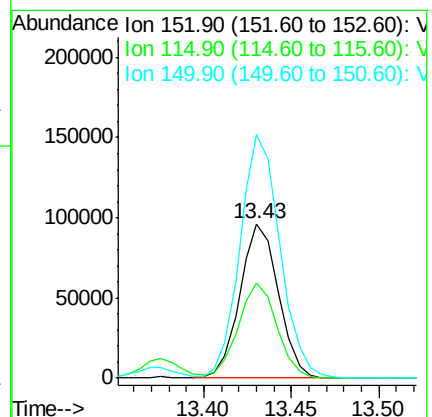
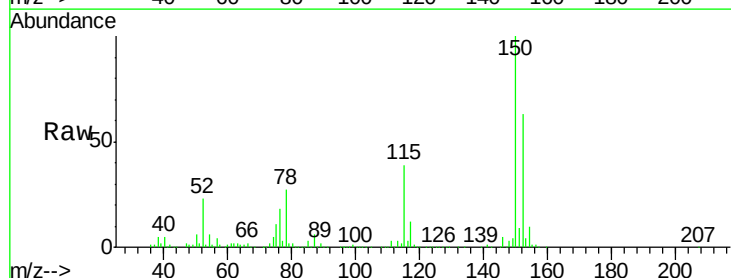
Tgt Ion:152 Resp: 146811

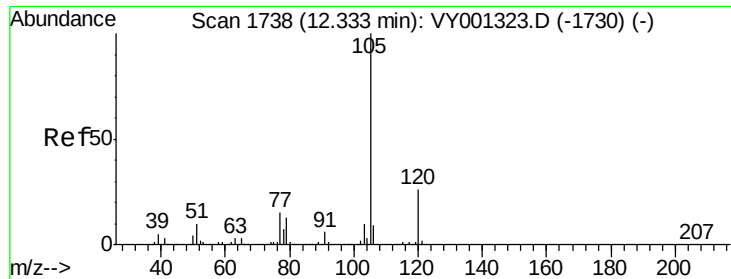
Ion Ratio Lower Upper

152 100

115 61.8 30.9 92.8

150 164.6 0.0 349.2





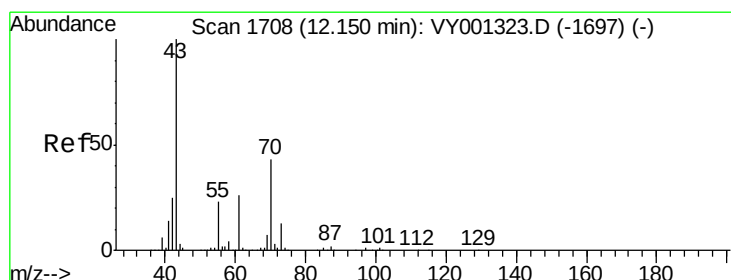
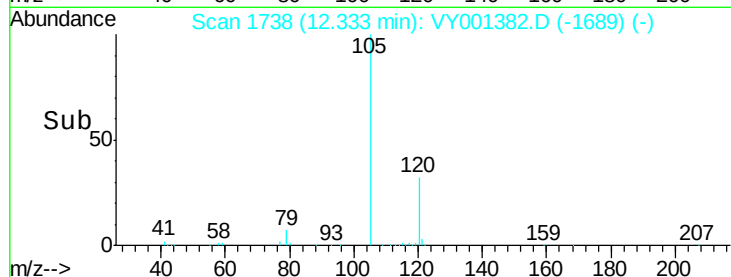
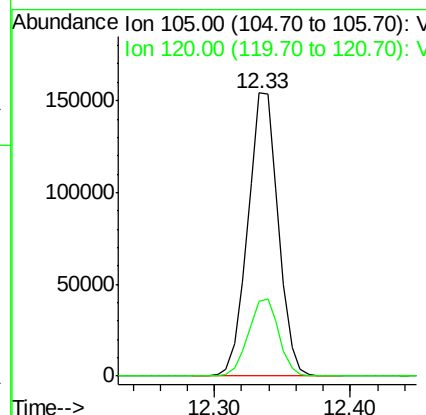
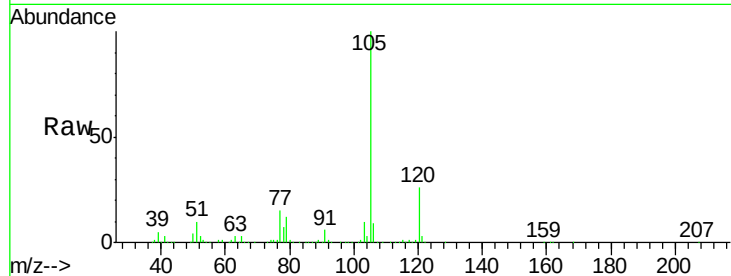
#73
Isopropylbenzene
Concen: 20.775 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.5	40.4

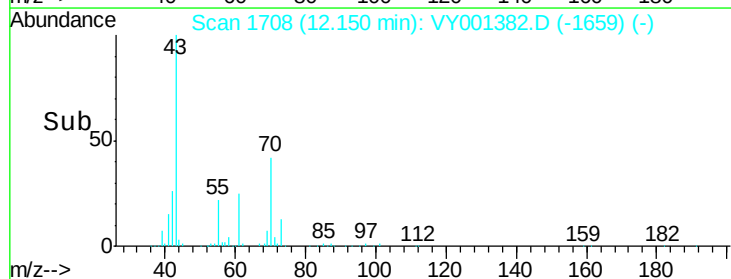
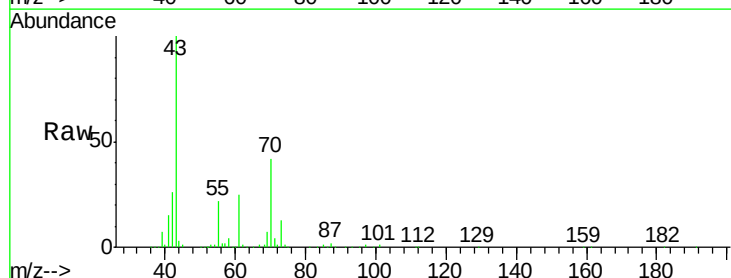
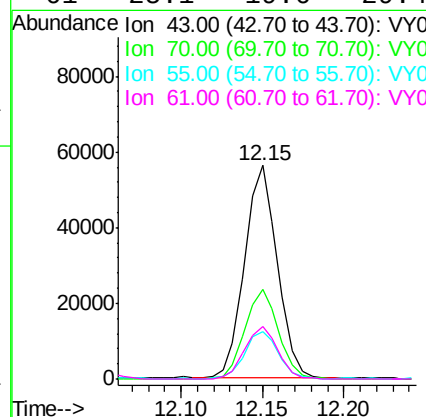
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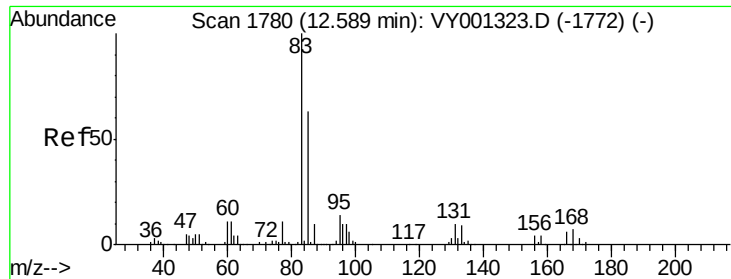
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#74
N-ethyl acetate
Concen: 20.788 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.0	33.5	50.3
55	22.4	18.2	27.2
61	25.1	19.6	29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.899 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

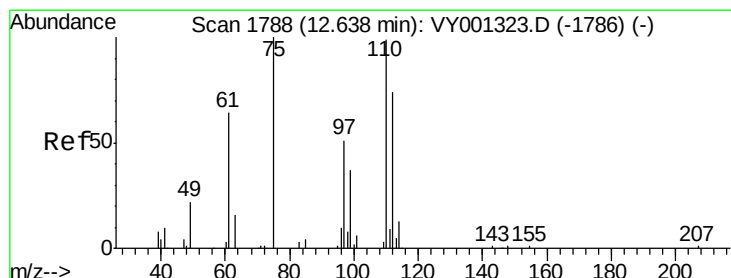
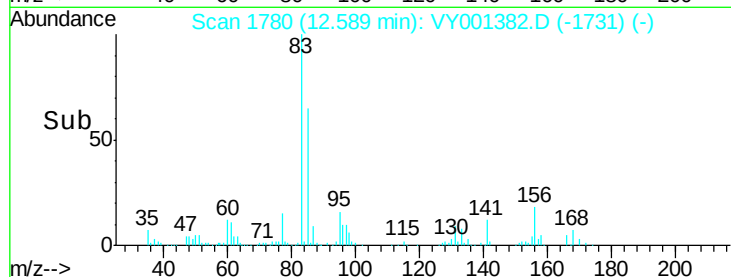
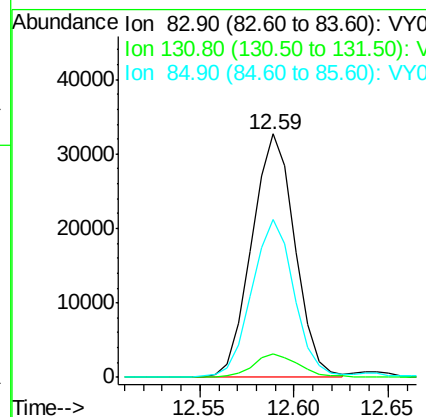
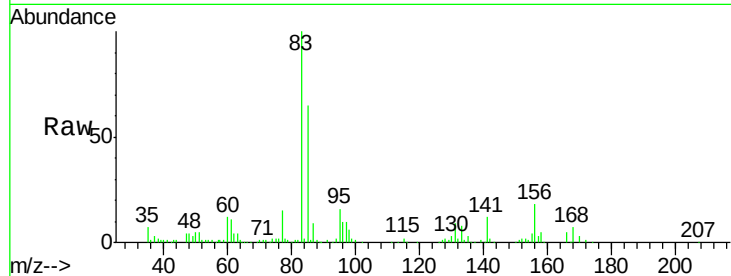
ClientSampleId :

VY0124SBS01

Tot Ion:	83	Resp:	51851
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.6
85	63.4	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 21.422 ug/l m

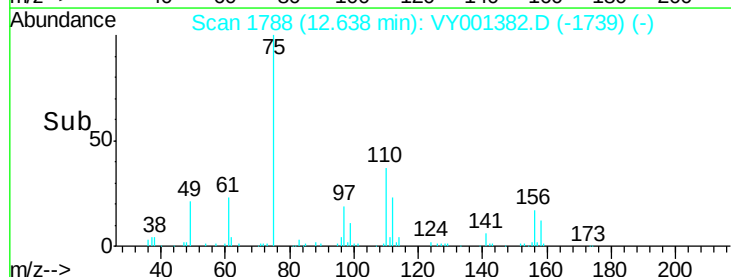
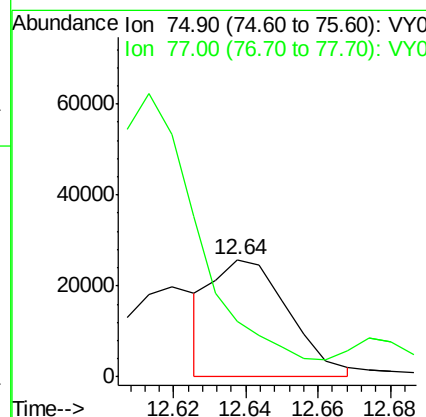
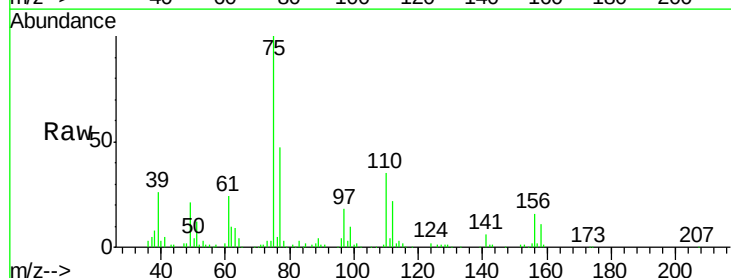
RT: 12.64 min Scan# 1788

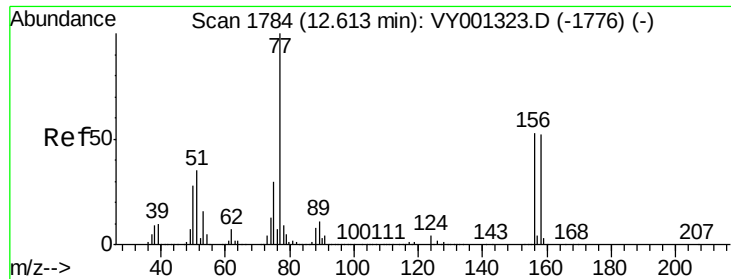
Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Tgt Ion:	75	Resp:	37898
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





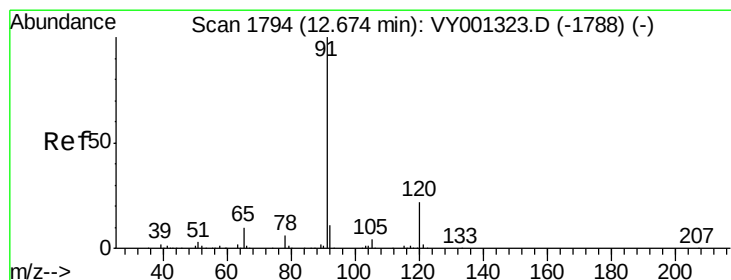
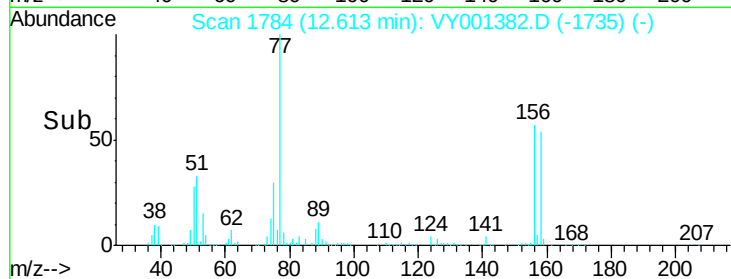
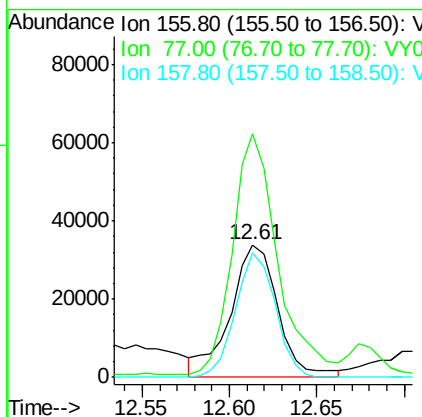
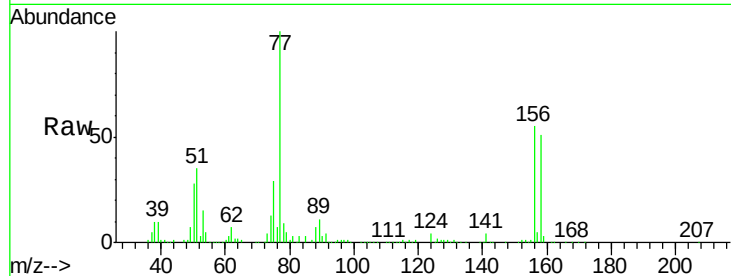
#77
Bromobenzene
Concen: 25.033 ug/l
RT: 12.61 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	170.8	104.7	313.9	
158	78.6	48.6	145.8	

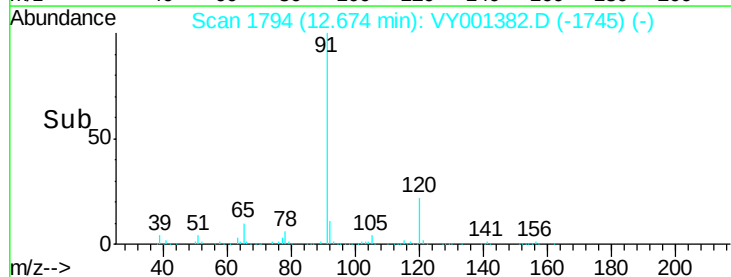
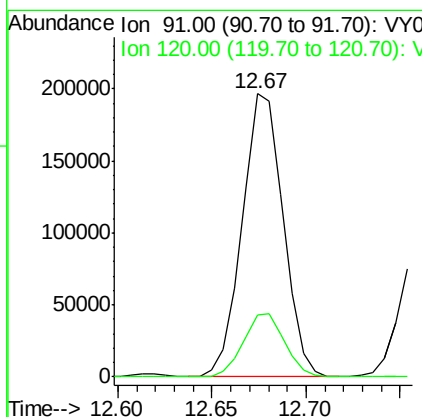
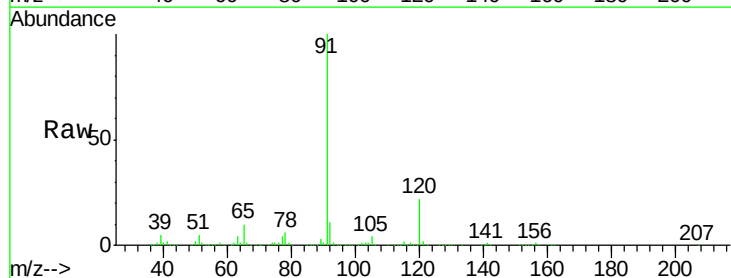
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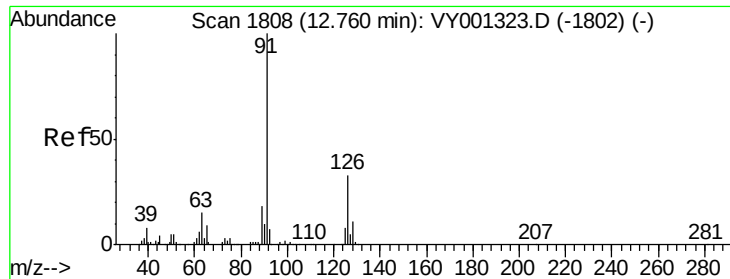
MMDadoda
1/27/2020 12:02:25 PM



#78
n-propylbenzene
Concen: 21.251 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.5	11.3	33.8	





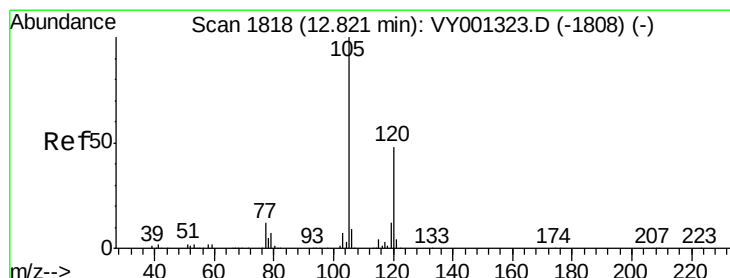
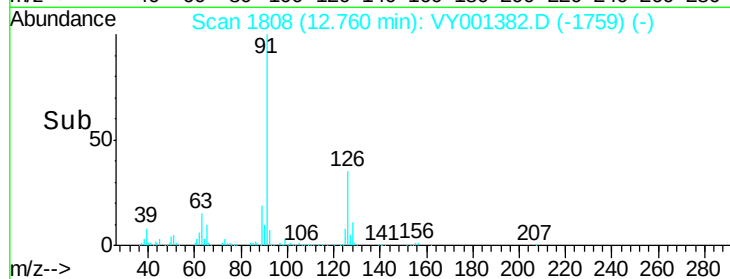
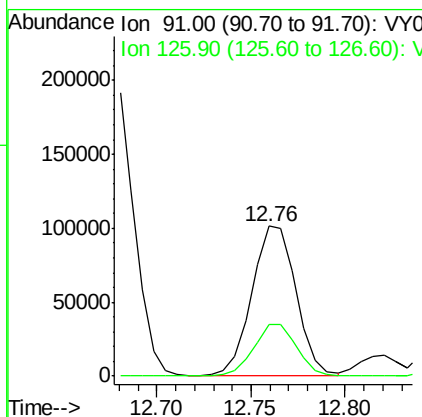
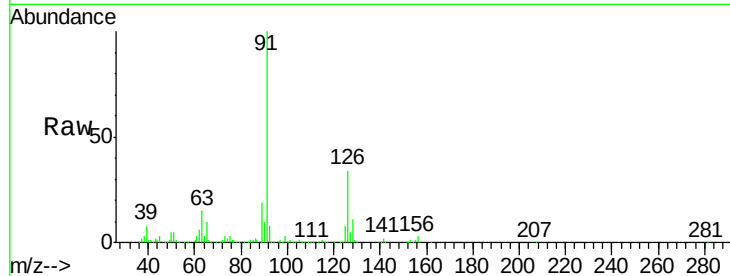
#79
 2-Chlorotoluene
 Concen: 20.648 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.6	49.7

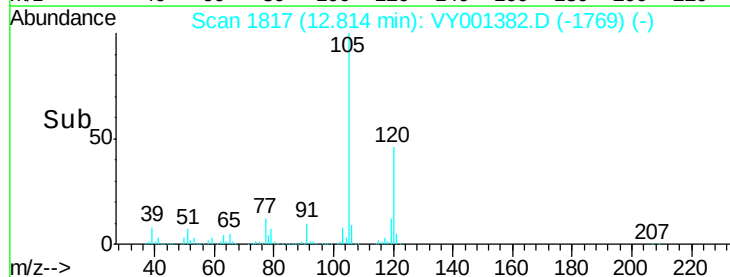
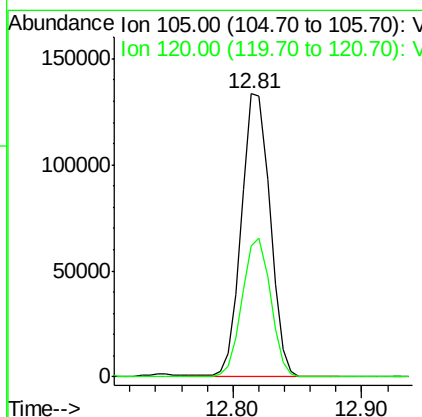
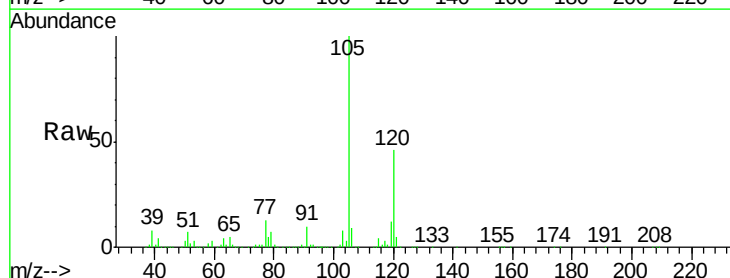
Manual Integrations
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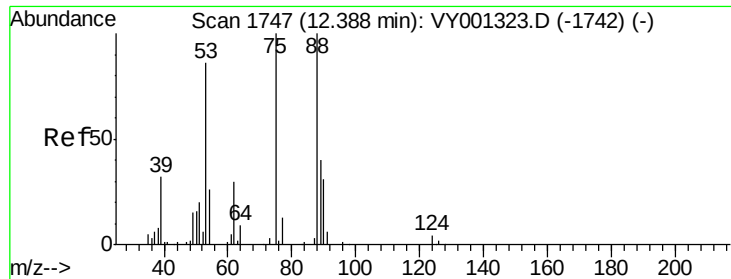
MMDadoda
 1/27/2020 12:02:25 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.295 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.169 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

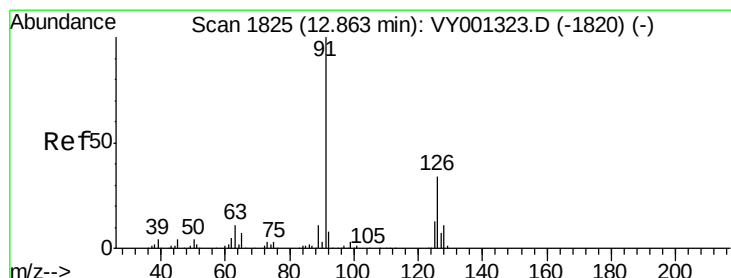
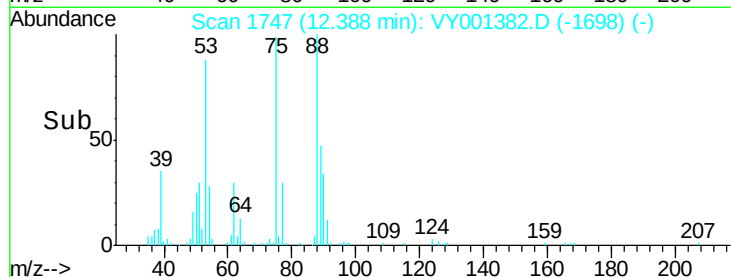
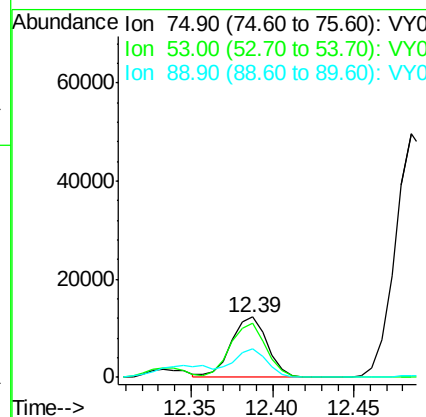
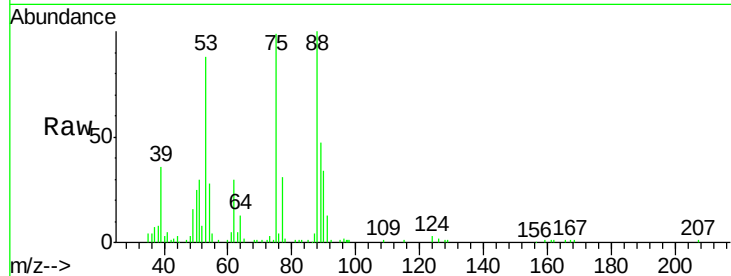
ClientSampleId :

VY0124SBS01

Tot Ion:	75	Resp:	18855
Ion	Ratio	Lower	Upper
75	100		
53	90.1	69.9	104.9
89	45.0	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.486 ug/l

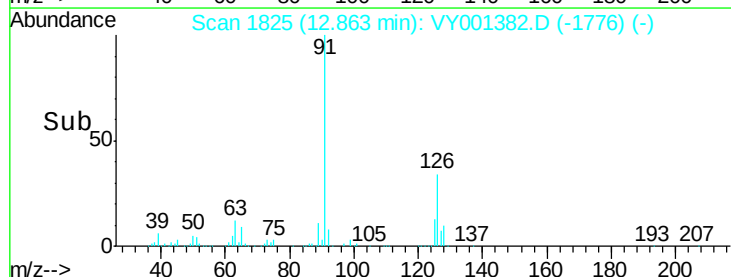
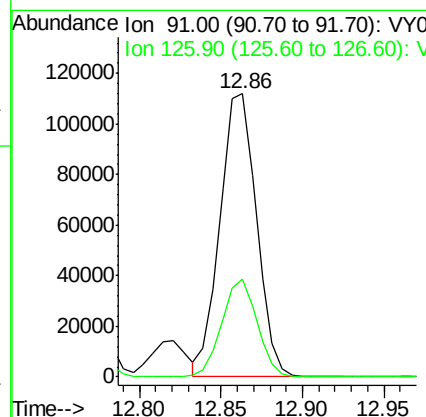
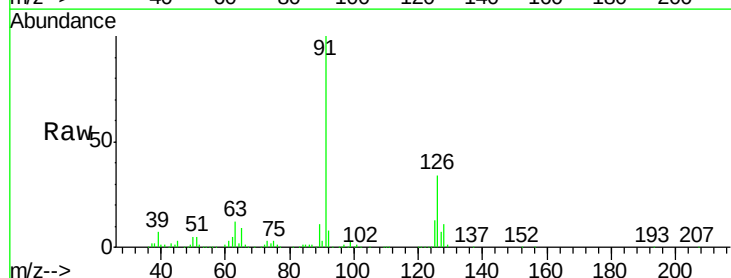
RT: 12.86 min Scan# 1825

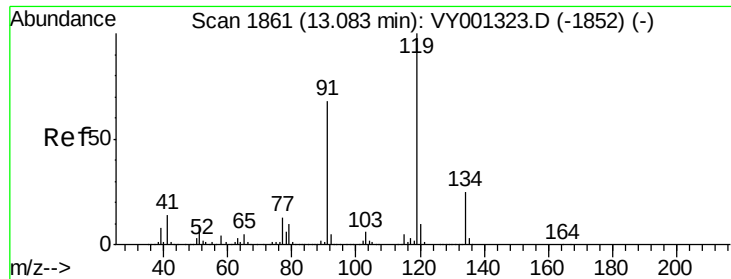
Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Tgt Ion:	91	Resp:	174309
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.4	49.4





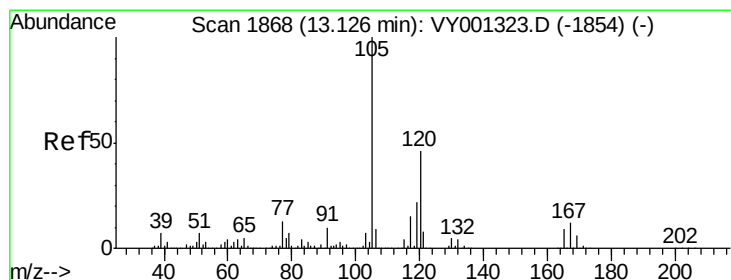
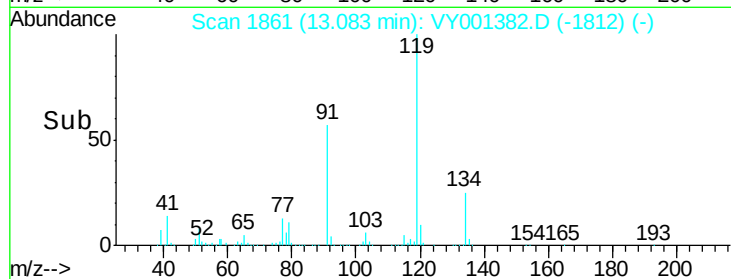
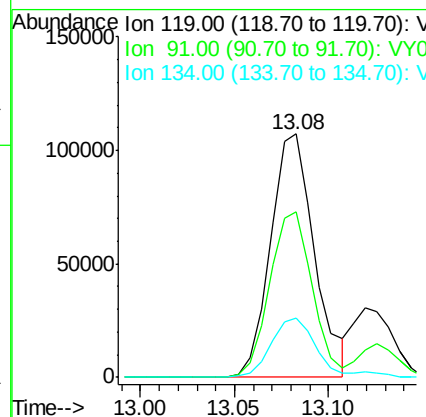
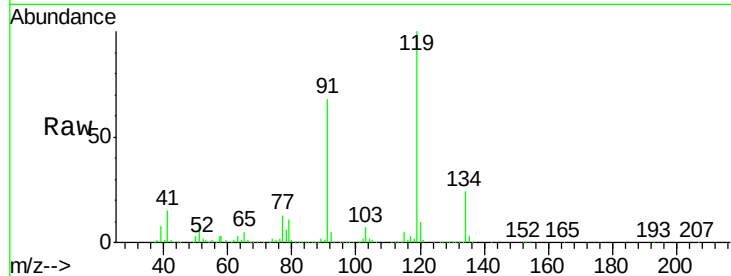
#83
tert-Butylbenzene
Concen: 21.207 ug/l
RT: 13.08 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.0	33.0	99.0
134	25.8	13.3	39.9

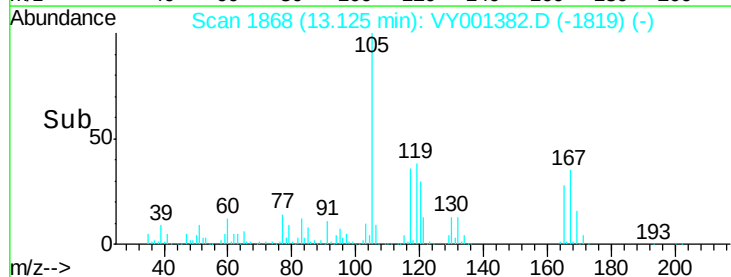
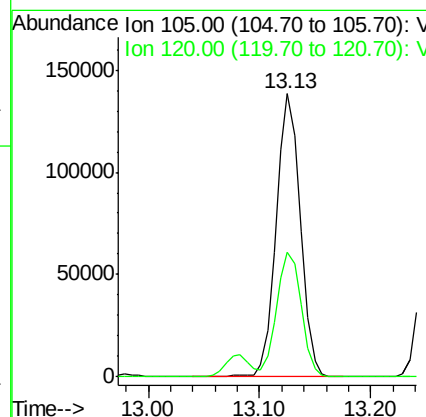
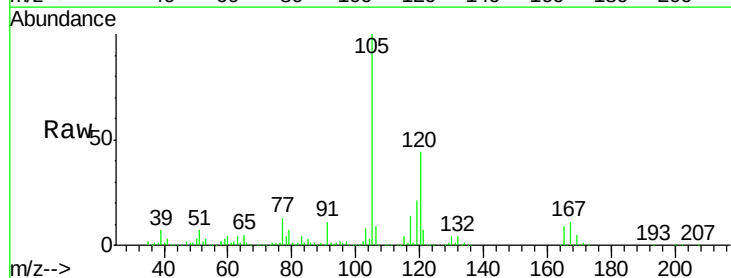
Manual Integrations
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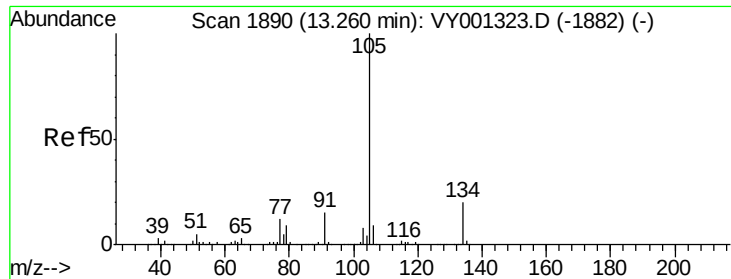
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#84
1,2,4-Trimethylbenzene
Concen: 21.464 ug/l
RT: 13.13 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





#85

sec-Butylbenzene

Concen: 21.424 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

Instrument :

MSVOA_Y

ClientSampleId :

VY0124SBS01

Tot Ion:105 Resp: 248110

Ion Ratio Lower Upper

105 100

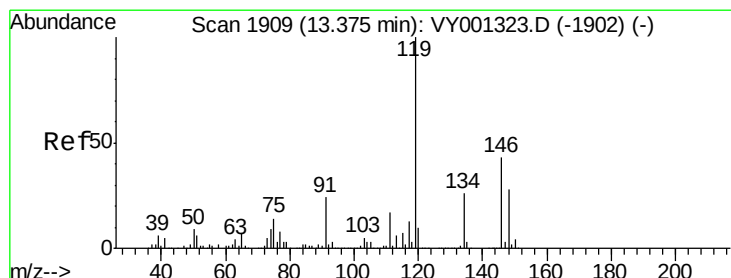
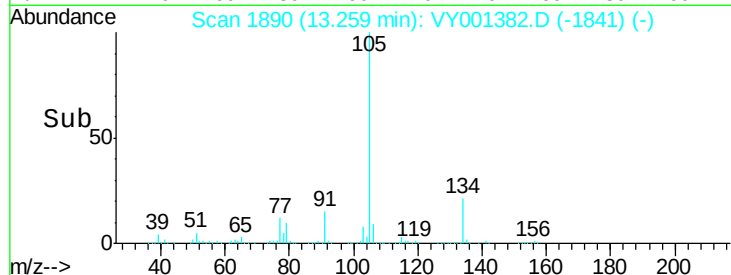
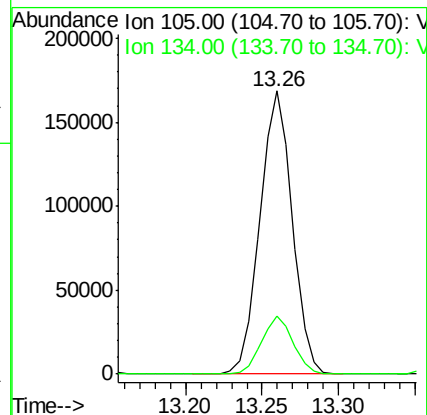
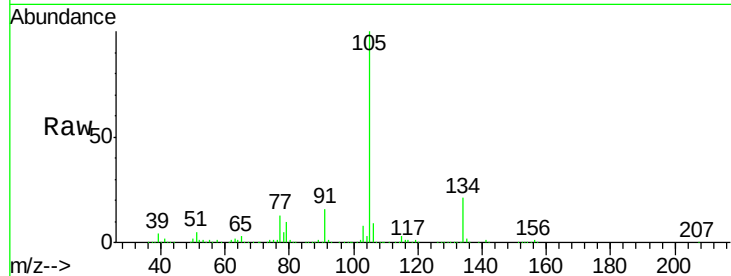
134 20.1 9.8 29.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.604 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. -0.00 min

Lab File: VY001382.D

Acq: 24 Jan 2020 15:11

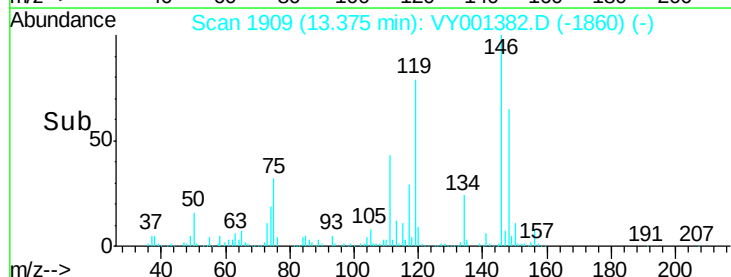
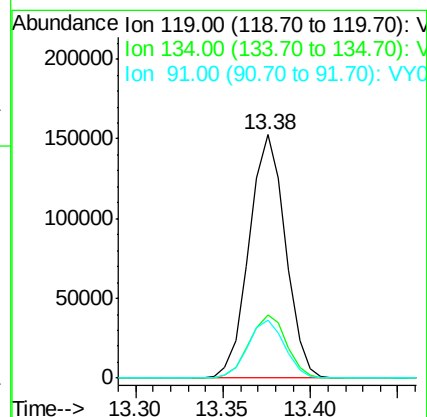
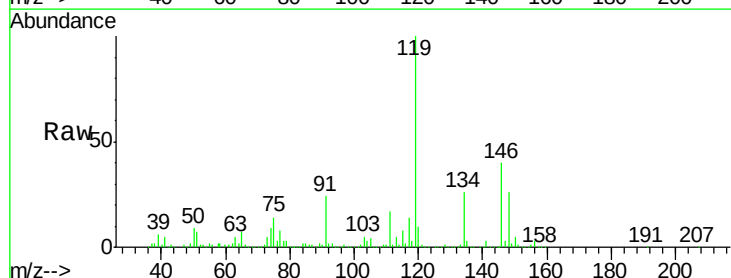
Tgt Ion:119 Resp: 220484

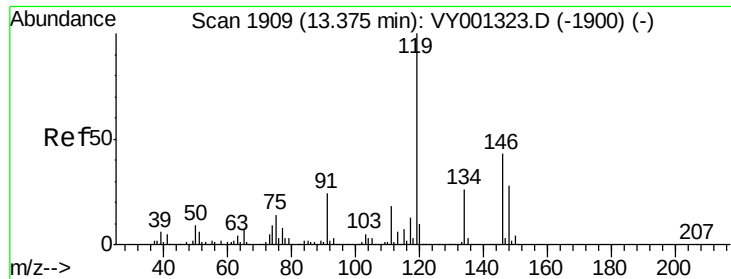
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 24.1 12.2 36.6





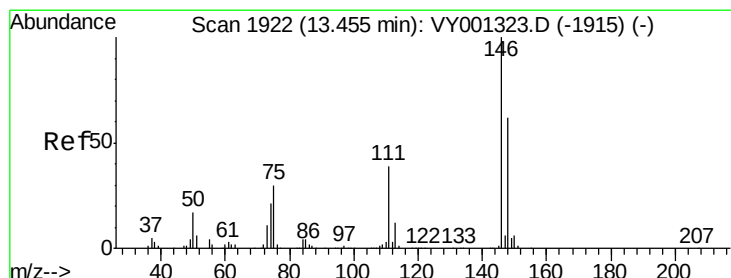
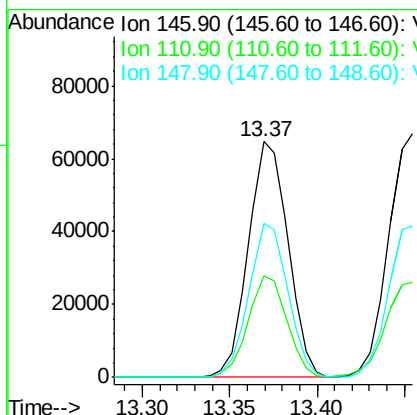
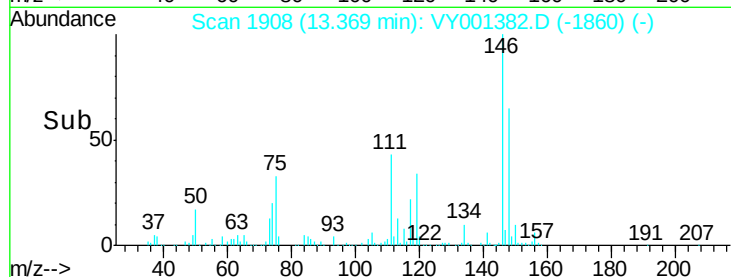
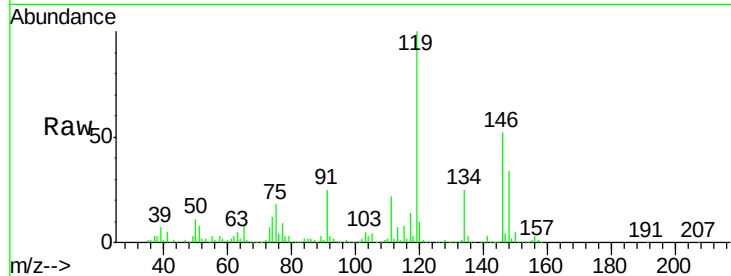
#87
 1,3-Dichlorobenzene
 Concen: 20.698 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.6	61.8
148	64.0	31.6	95.0

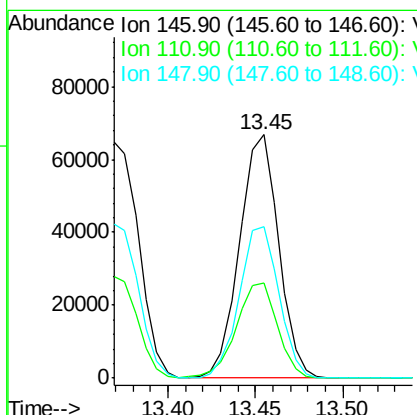
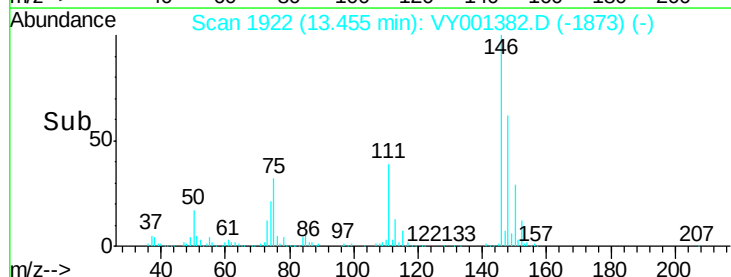
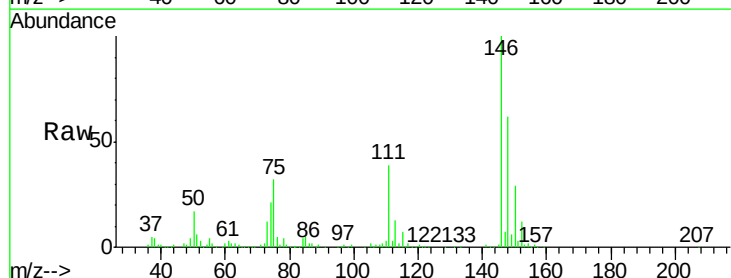
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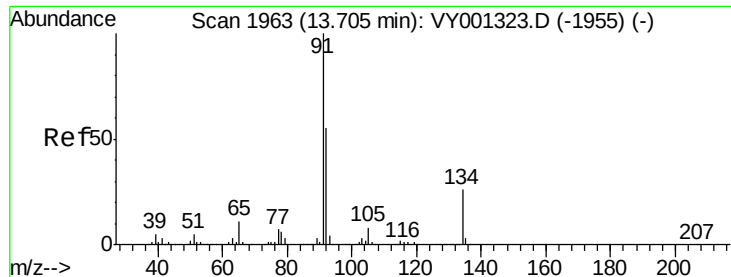
MMDadoda
 1/27/2020 12:02:25 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.734 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	63.2	31.6	95.0





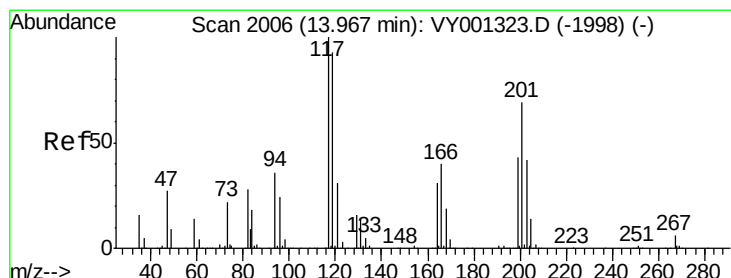
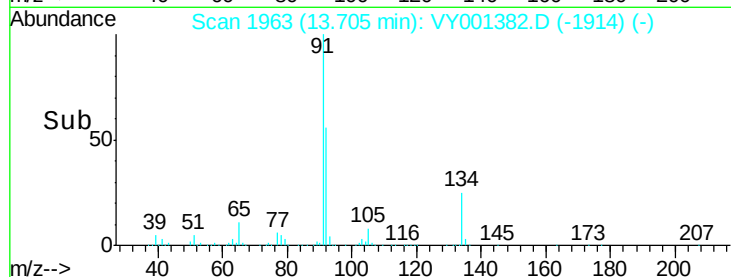
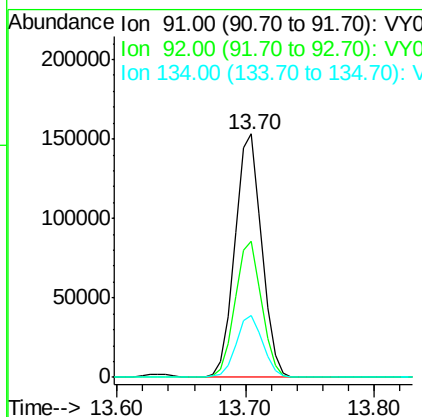
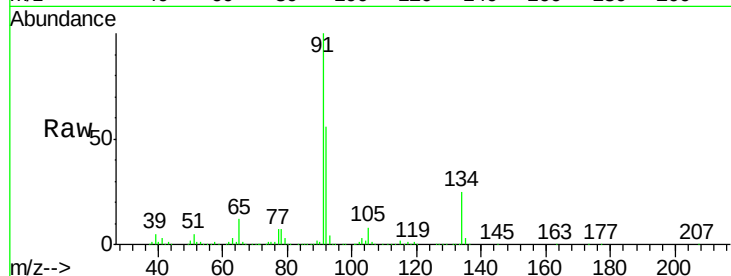
#89
n-Butylbenzene
Concen: 21.519 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.6	82.8
134	25.6	12.9	38.6

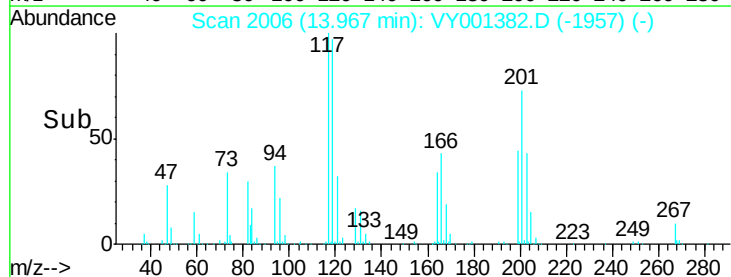
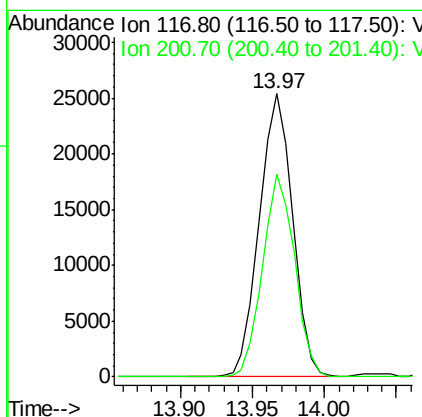
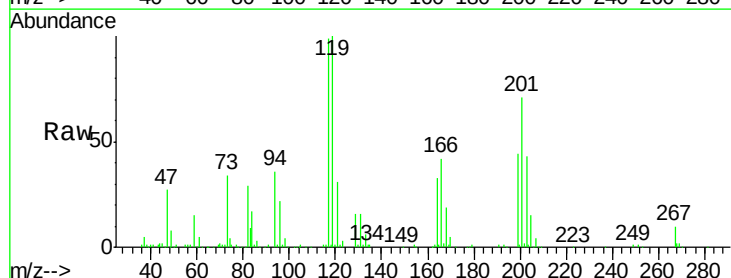
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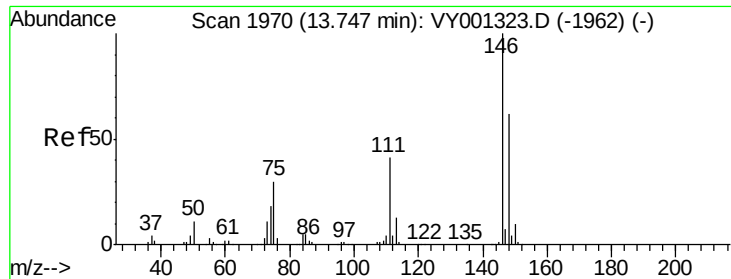
MMDadoda
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#90
Hexachloroethane
Concen: 21.053 ug/l
RT: 13.97 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	34.6	103.8





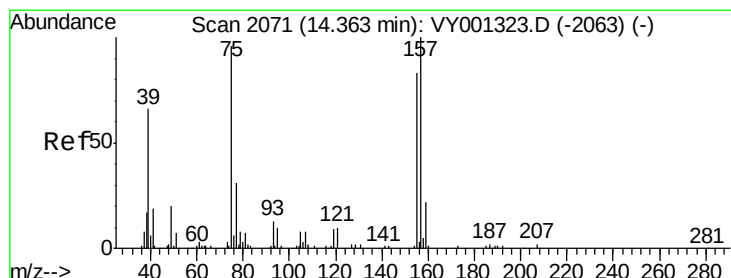
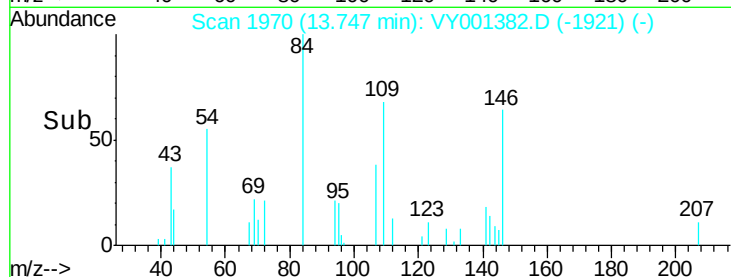
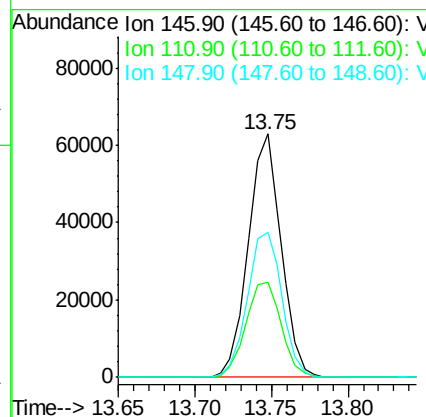
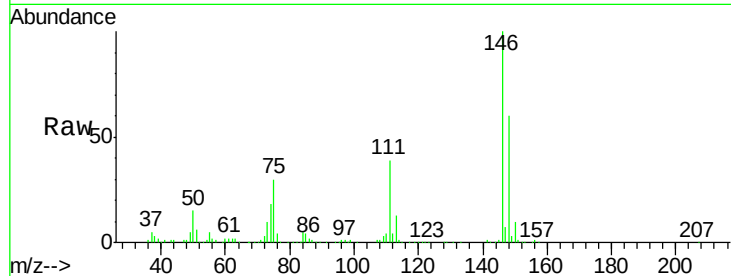
#91
 1,2-Dichlorobenzene
 Concen: 20.592 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. -0.00 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.4
148	62.6	31.5	94.5

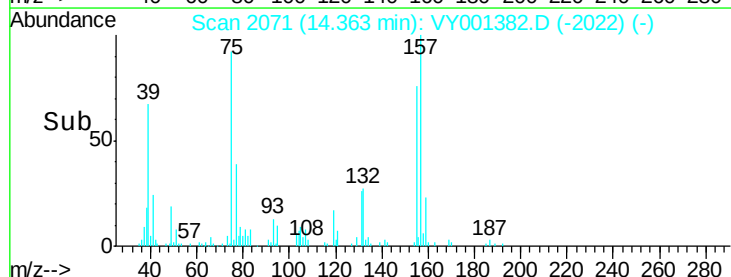
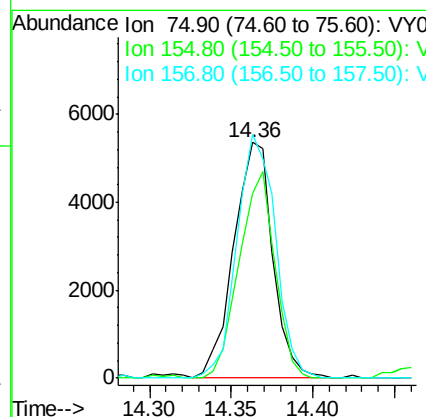
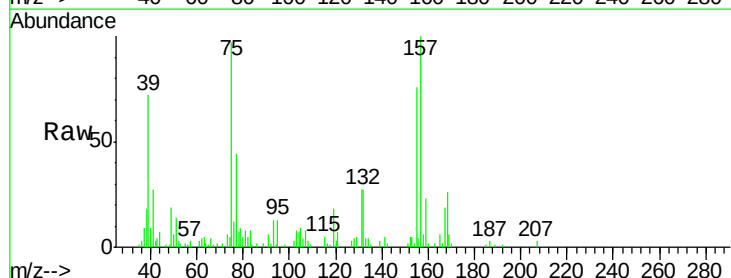
Manual Integrations
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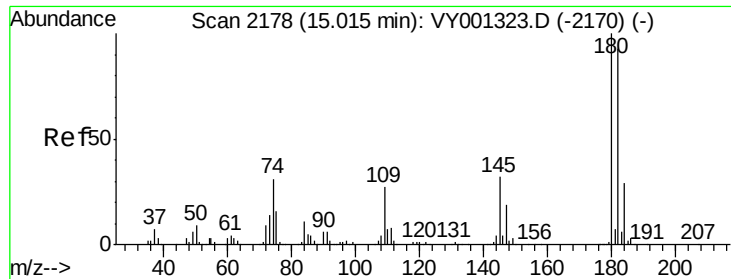
MMDadoda
 1/27/2020 12:02:25 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.945 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VY001382.D
 Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	43.0	129.2
157	101.5	53.3	160.0





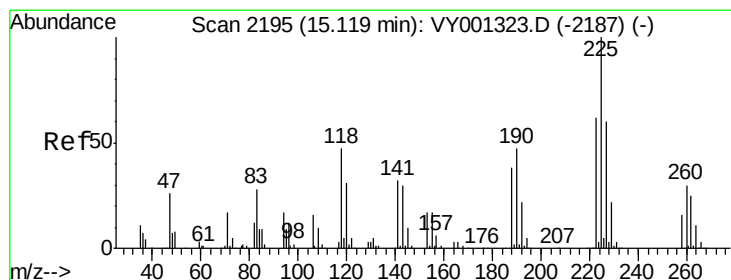
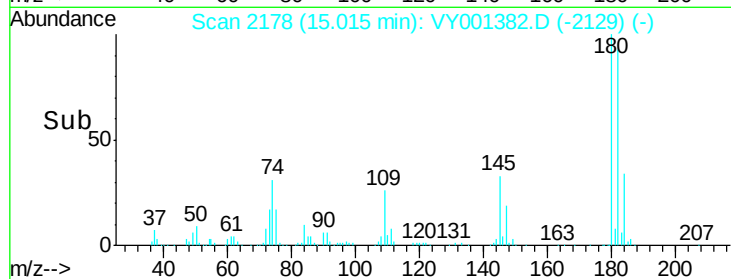
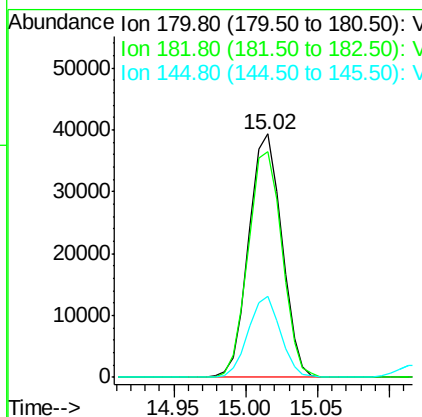
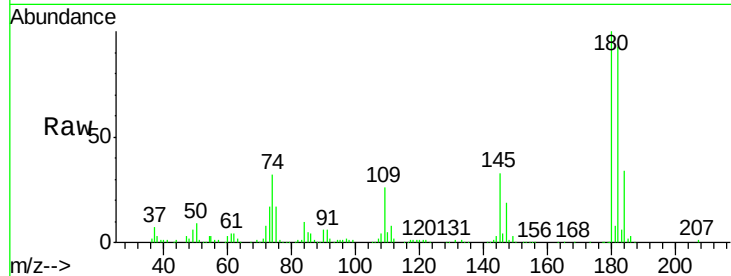
#93
1,2,4-Trichlorobenzene
Concen: 20.369 ug/l
RT: 15.02 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	32.7	16.3	48.9

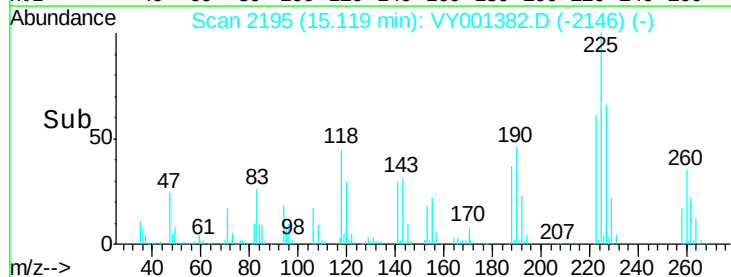
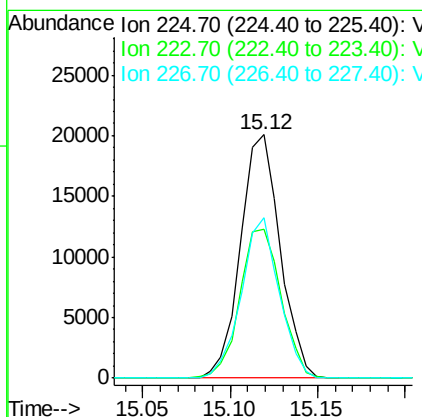
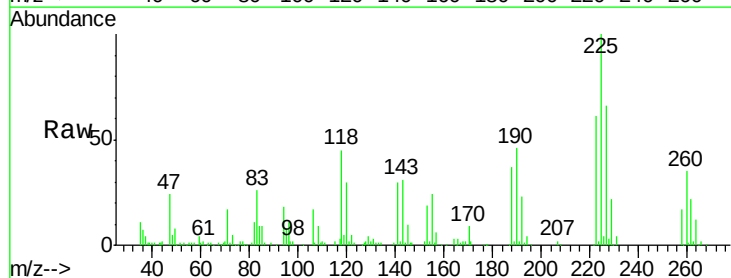
Manual Integrations
APPROVED

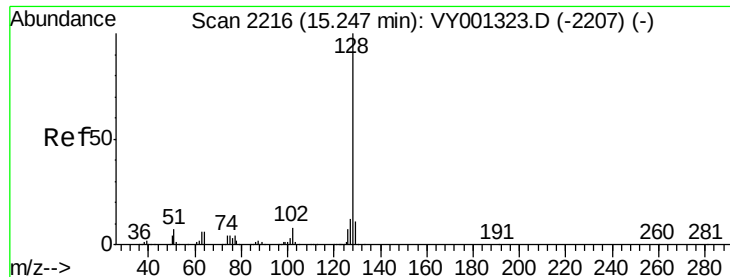
MMDadoda
1/27/2020 12:02:25 PM



#94
Hexachlorobutadiene
Concen: 21.229 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.2	93.6
227	63.0	31.0	93.0





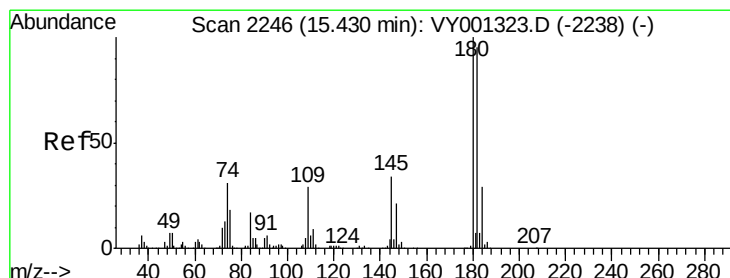
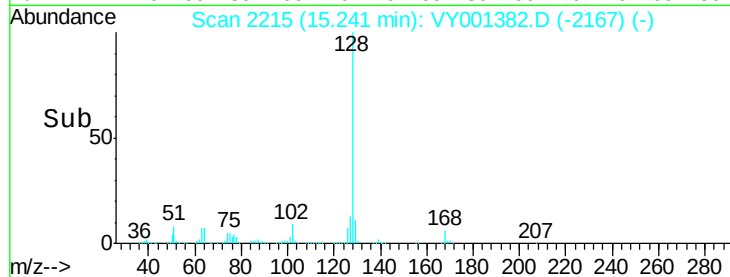
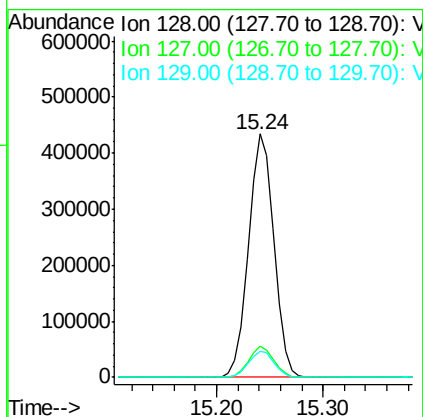
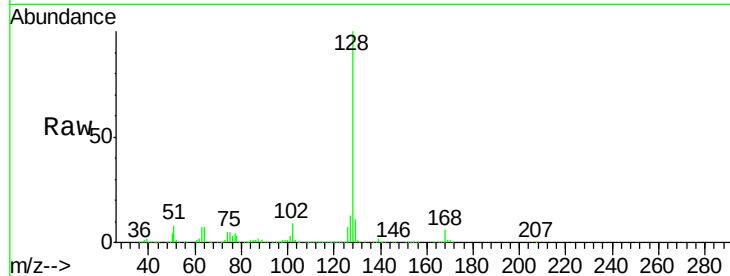
#95
Naphthalene
Concen: 103.818 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.01 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	726117		
127	12.6		10.2	15.2
129	11.0		8.7	13.1

Manual Integrations
APPROVED

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1/27/2020 12:02:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.724 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY001382.D
Acq: 24 Jan 2020 15:11

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	55606		
182	94.6		47.3	141.8
145	35.4		16.8	50.3

