

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022020\
 Data File : VY001714.D
 Acq On : 20 Feb 2020 11:31
 Operator : SY/MD
 Sample : VY0220SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 3:23:21 PM

Quant Time: Feb 21 08:13:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	196370	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	351676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	312720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	148319	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	107351	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.75	113	98363	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
50) Toluene-d8	10.20	98	410470	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
62) 4-Bromofluorobenzene	12.50	95	149523	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.92	85	33274	17.383	ug/l	96
3) Chloromethane	2.13	50	47552	18.470	ug/l	97
4) Vinyl Chloride	2.27	62	46908	18.063	ug/l	96
5) Bromomethane	2.67	94	32150	19.809	ug/l	100
6) Chloroethane	2.82	64	30197	18.870	ug/l	97
7) Trichlorofluoromethane	3.16	101	64481	19.401	ug/l	100
8) Diethyl Ether	3.57	74	25101	19.158	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.94	101	41299	19.770	ug/l	99
10) Methyl Iodide	4.13	142	45497	17.795	ug/l	98
11) Tert butyl alcohol	5.00	59	26565	92.618	ug/l #	94
12) 1,1-Dichloroethene	3.91	96	41216	19.344	ug/l	98
13) Acrolein	3.77	56	19135	89.698	ug/l	98
14) Allyl chloride	4.52	41	73213	19.307	ug/l	98
15) Acrylonitrile	5.21	53	64606	96.199	ug/l	99
16) Acetone	3.99	43	60021	82.124	ug/l	99
17) Carbon Disulfide	4.24	76	130073	18.286	ug/l	99
18) Methyl Acetate	4.52	43	31206	19.606	ug/l	100
19) Methyl tert-butyl Ether	5.27	73	114987	19.384	ug/l	96
20) Methylene Chloride	4.77	84	49834	19.196	ug/l	94
21) trans-1,2-Dichloroethene	5.27	96	45197	18.593	ug/l	94
22) Diisopropyl ether	6.16	45	152273	19.554	ug/l	97
23) Vinyl Acetate	6.11	43	486675	95.811	ug/l	98
24) 1,1-Dichloroethane	6.07	63	81717	19.634	ug/l	99
25) 2-Butanone	7.03	43	89481	90.126	ug/l	98
26) 2,2-Dichloropropane	7.02	77	71987	19.880	ug/l	98
27) cis-1,2-Dichloroethene	7.03	96	50792	18.929	ug/l	97
28) Bromochloromethane	7.37	49	32804	18.921	ug/l	99
29) Tetrahydrofuran	7.38	42	57000	94.985	ug/l	97
30) Chloroform	7.54	83	76900	18.909	ug/l	97
31) Cyclohexane	7.82	56	84190	18.972	ug/l	94
32) 1,1,1-Trichloroethane	7.74	97	66060	19.327	ug/l	99
36) 1,1-Dichloropropene	7.95	75	63987	19.048	ug/l	98
37) Ethyl Acetate	7.11	43	39043	19.473	ug/l	98
38) Carbon Tetrachloride	7.93	117	57178	19.379	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	86460	19.401	ug/l	96
40) Benzene	8.19	78	192562	19.491	ug/l	99
41) Methacrylonitrile	7.35	41	18669m	18.545	ug/l	
42) 1,2-Dichloroethane	8.27	62	51823	19.254	ug/l	99
43) Isopropyl Acetate	8.30	43	73339	19.279	ug/l	99
44) Trichloroethene	8.97	130	47120	19.106	ug/l	98
45) 1,2-Dichloropropane	9.24	63	48721	19.691	ug/l	99
46) Dibromomethane	9.33	93	25214	19.484	ug/l	99
47) Bromodichloromethane	9.52	83	60009	19.213	ug/l	98
48) Methyl methacrylate	9.32	41	32784	19.056	ug/l	98
49) 1,4-Dioxane	9.32	88	6896	377.282	ug/l	98
51) 4-Methyl-2-Pentanone	10.09	43	187315	95.838	ug/l	98
52) Toluene	10.27	92	119671	19.419	ug/l	99
53) t-1,3-Dichloropropene	10.49	75	66127	19.151	ug/l	95
54) cis-1,3-Dichloropropene	9.95	75	75489	18.996	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	36618	19.190	ug/l	99
56) Ethyl methacrylate	10.53	69	54440	19.017	ug/l	96
57) 1,3-Dichloropropane	10.81	76	65417	19.294	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	140490	120.599	ug/l	98
59) 2-Hexanone	10.85	43	135509	92.403	ug/l	98
60) Dibromochloromethane	11.00	129	39650	18.847	ug/l	99
61) 1,2-Dibromoethane	11.11	107	34094	18.896	ug/l	96
64) Tetrachloroethene	10.74	164	37840	19.275	ug/l	96
65) Chlorobenzene	11.53	112	122236	19.578	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.61	131	41834	19.863	ug/l	99
67) Ethyl Benzene	11.61	91	228114	19.688	ug/l	100
68) m/p-Xylenes	11.72	106	172569	39.873	ug/l	99
69) o-Xylene	12.05	106	82362	20.017	ug/l	96
70) Styrene	12.06	104	141013	19.720	ug/l	100
71) Bromoform	12.23	173	22559	18.743	ug/l #	98
73) Isopropylbenzene	12.35	105	219090	19.390	ug/l	100
74) N-amyl acetate	12.16	43	69594	19.299	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.60	83	45967	19.053	ug/l	98
76) 1,2,3-Trichloropropane	12.65	75	31638m	18.595	ug/l	
77) Bromobenzene	12.63	156	47598	19.432	ug/l	96
78) n-propylbenzene	12.69	91	273540	19.877	ug/l	99
79) 2-Chlorotoluene	12.77	91	151171	19.586	ug/l	99
80) 1,3,5-Trimethylbenzene	12.83	105	184238	19.698	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	16303	18.179	ug/l	92
82) 4-Chlorotoluene	12.87	91	157998	19.409	ug/l	98
83) tert-Butylbenzene	13.09	119	153220	19.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.14	105	183638	19.693	ug/l	100
85) sec-Butylbenzene	13.27	105	226687	19.703	ug/l	100
86) p-Isopropyltoluene	13.39	119	197129	19.723	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	92160	19.400	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	93852	19.544	ug/l	98
89) n-Butylbenzene	13.71	91	204442	20.018	ug/l	99
90) Hexachloroethane	13.98	117	36011	19.123	ug/l	98
91) 1,2-Dichlorobenzene	13.75	146	84749	19.331	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.38	75	7307	18.352	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	56738	19.530	ug/l	99
94) Hexachlorobutadiene	15.13	225	28010	19.386	ug/l	98
95) Naphthalene	15.25	128	126613	18.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	50064	19.588	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion:168 Resp: 196370

Ion Ratio Lower Upper

168 100

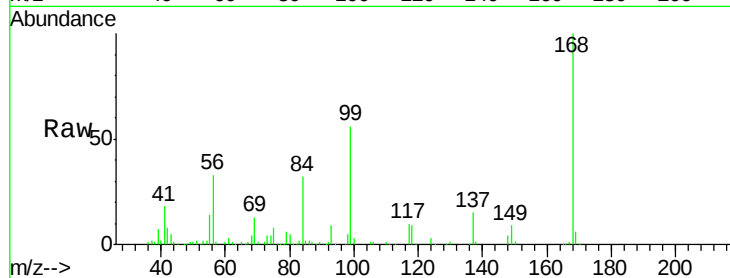
99 56.4 47.5 71.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY001638.D (-987) (-)

Ion 98.90 (98.60 to 99.60): VY001638.D (-987) (-)

7.83

80000

60000

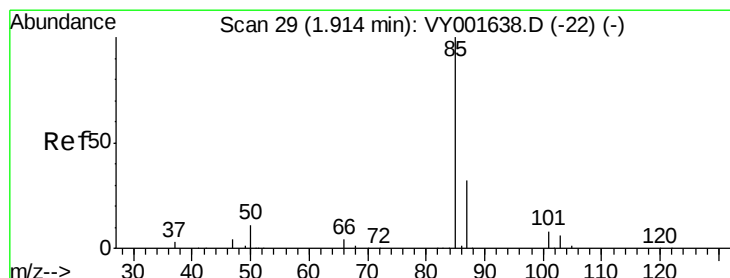
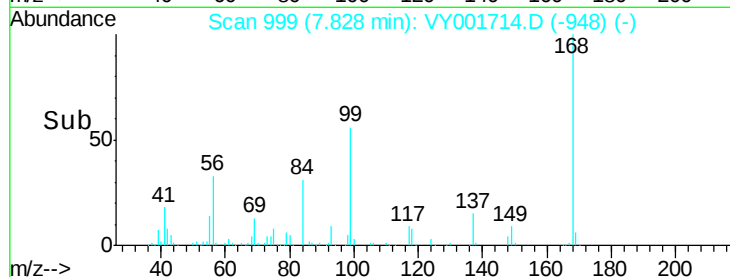
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.383 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001714.D

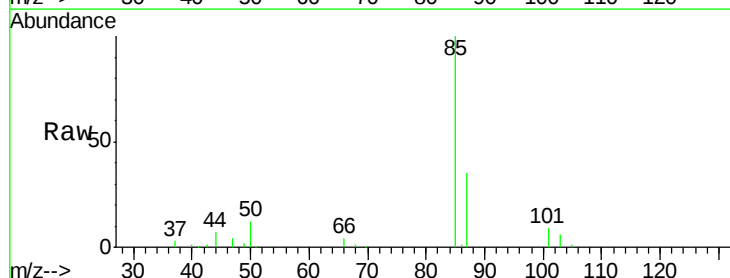
Acq: 20 Feb 2020 11:31

Tgt Ion: 85 Resp: 33274

Ion Ratio Lower Upper

85 100

87 34.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VY001638.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY001638.D (-22) (-)

1.92

25000

20000

15000

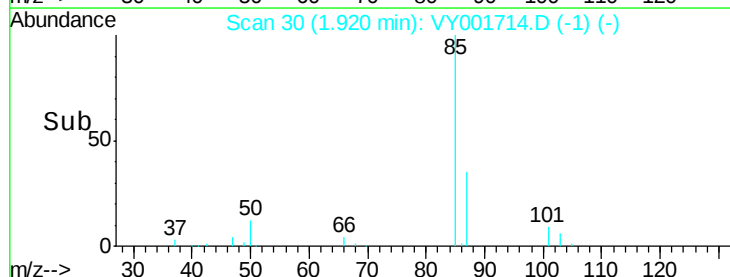
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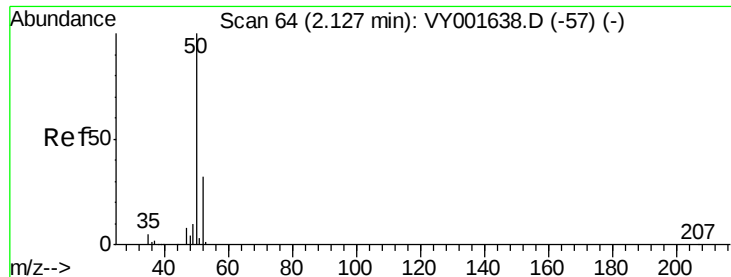
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.470 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 50 Resp: 47552

Ion Ratio Lower Upper

50 100

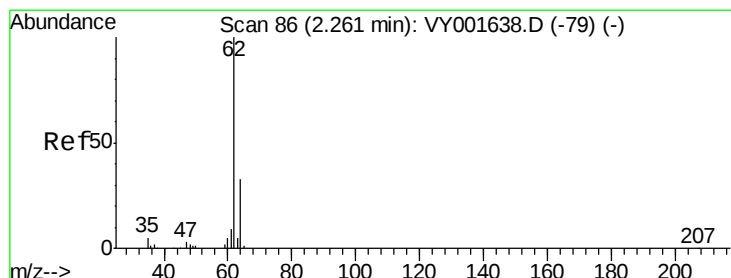
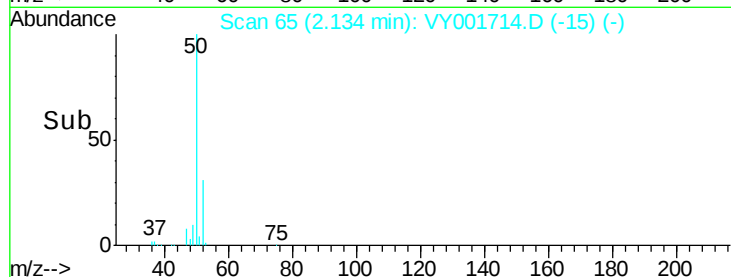
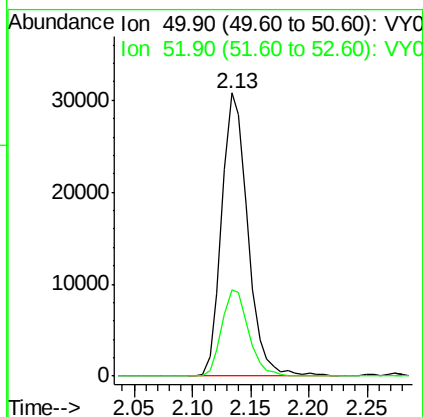
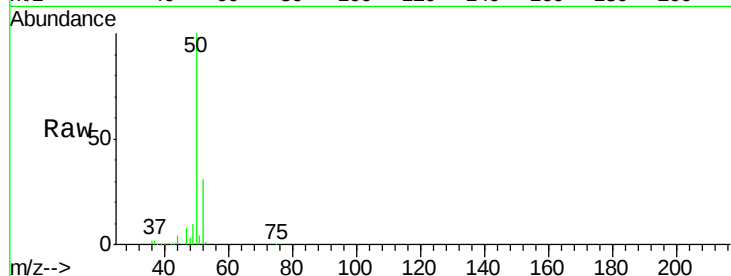
52 30.5 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.063 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001714.D

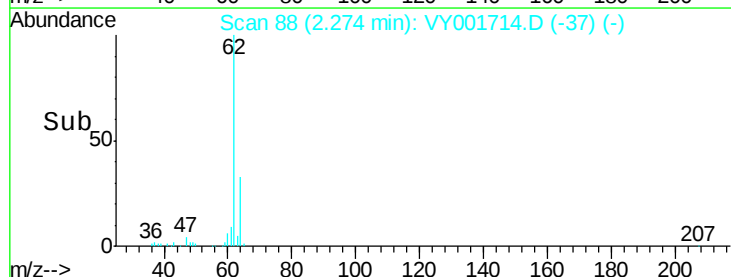
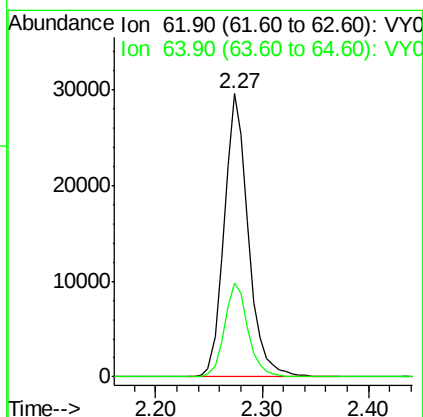
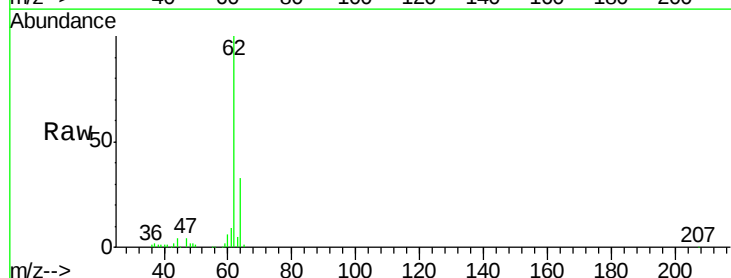
Acq: 20 Feb 2020 11:31

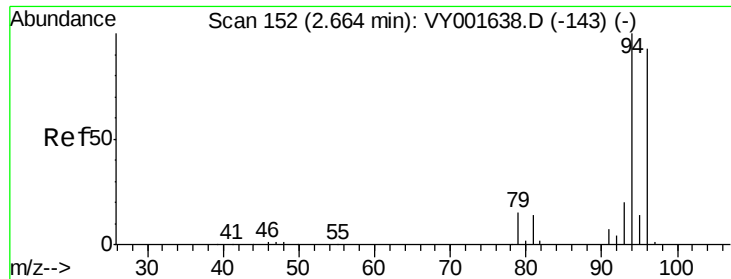
Tgt Ion: 62 Resp: 46908

Ion Ratio Lower Upper

62 100

64 33.1 24.9 37.3





#5

Bromomethane

Concen: 19.809 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 94 Resp: 32150

Ion Ratio Lower Upper

94 100

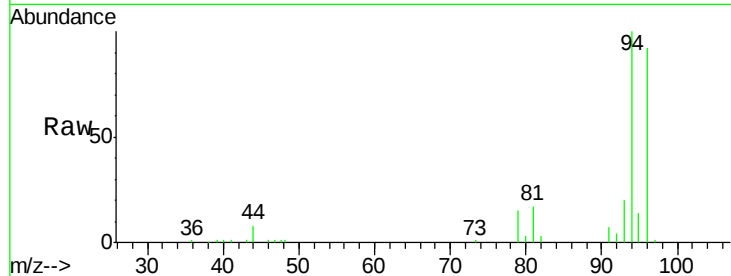
96 92.0 73.7 110.5

Manual Integrations

APPROVED

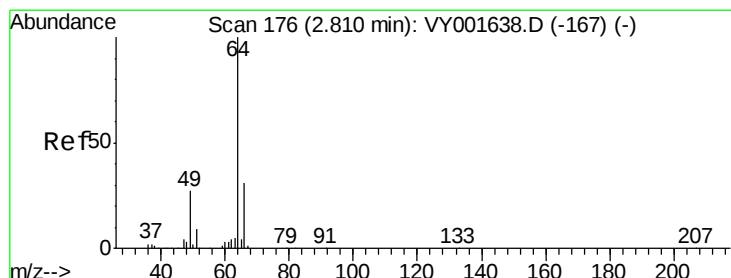
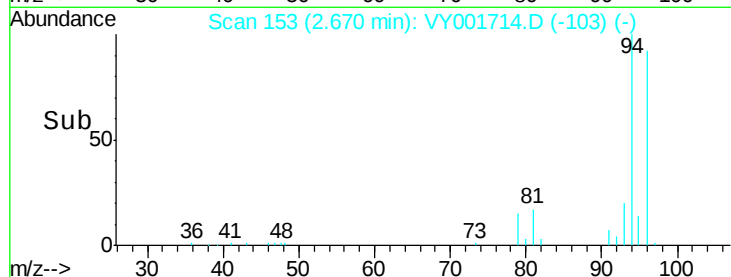
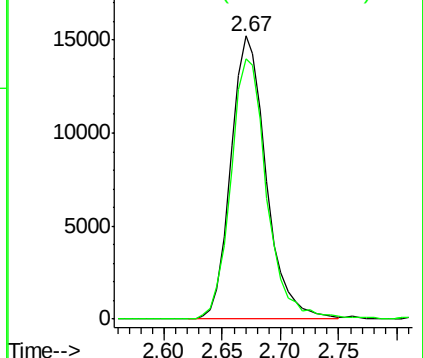
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 18.870 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY001714.D

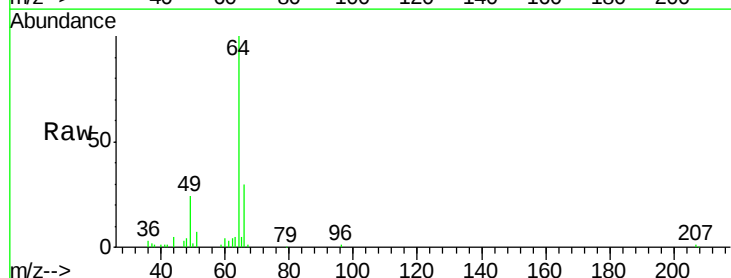
Acq: 20 Feb 2020 11:31

Tgt Ion: 64 Resp: 30197

Ion Ratio Lower Upper

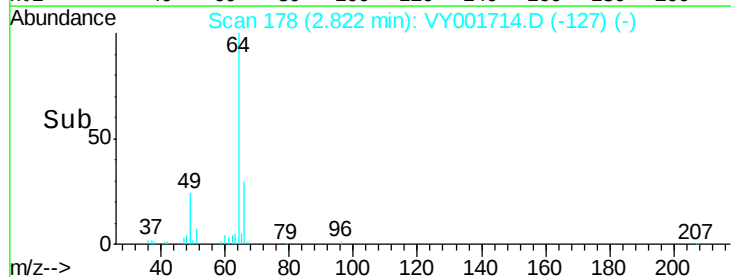
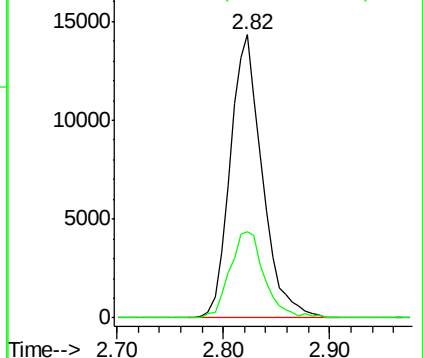
64 100

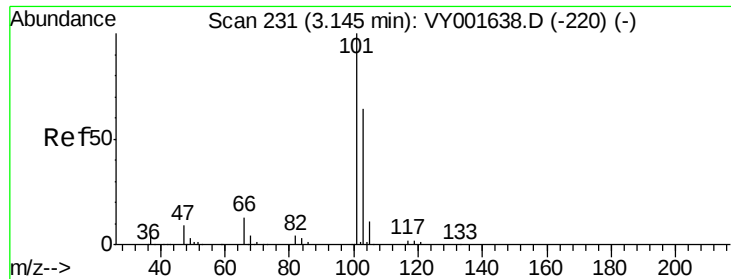
66 30.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

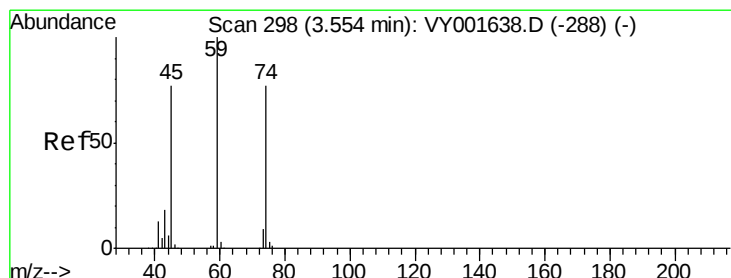
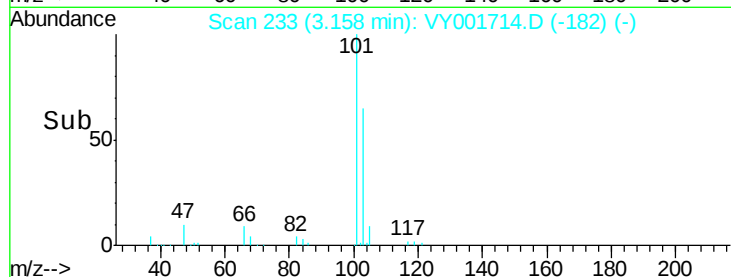
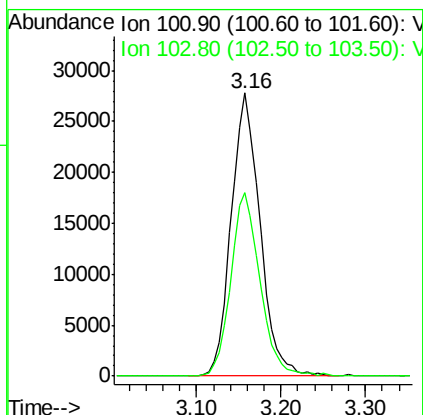
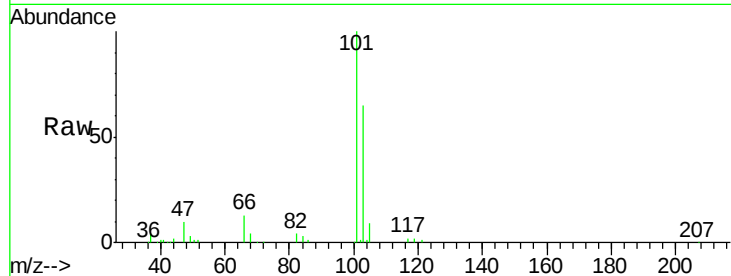
Trichlorofluoromethane
 Concen: 19.401 ug/l
 RT: 3.16 min Scan# 233
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
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 VY0220SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	52.2	78.2

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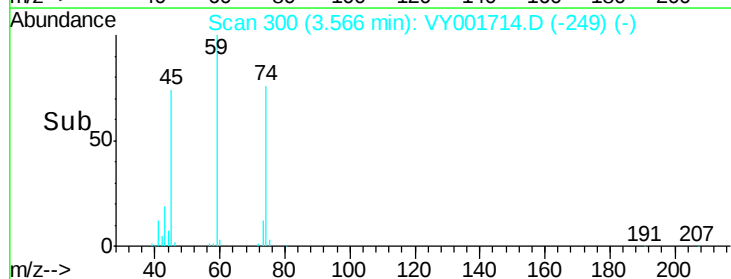
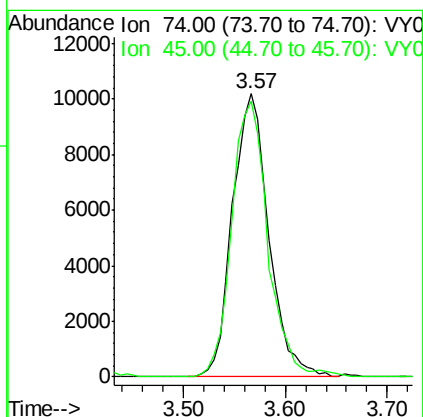
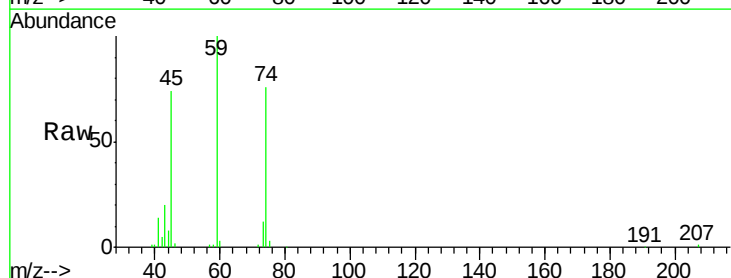
MMDadoda
 2/21/2020 3:23:21 PM

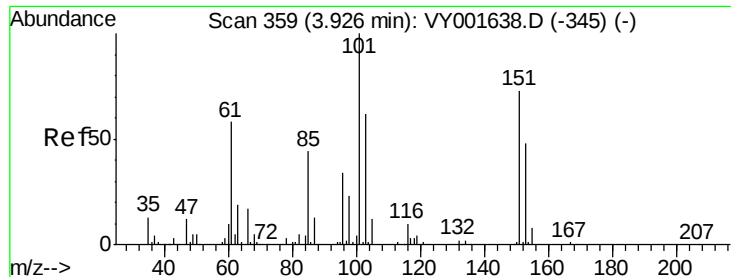


#8

Diethyl Ether
 Concen: 19.158 ug/l
 RT: 3.57 min Scan# 300
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	49.6	148.8





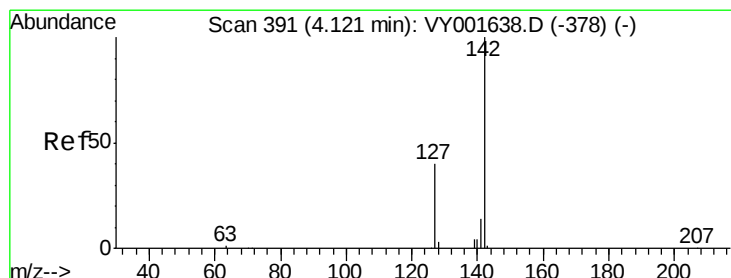
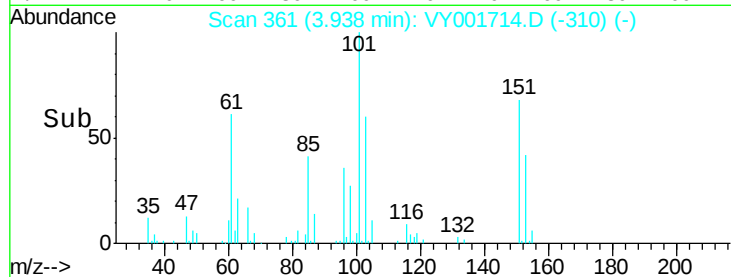
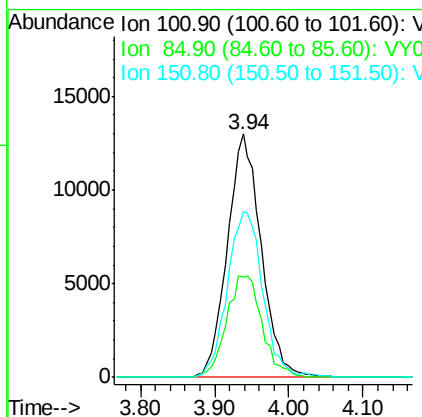
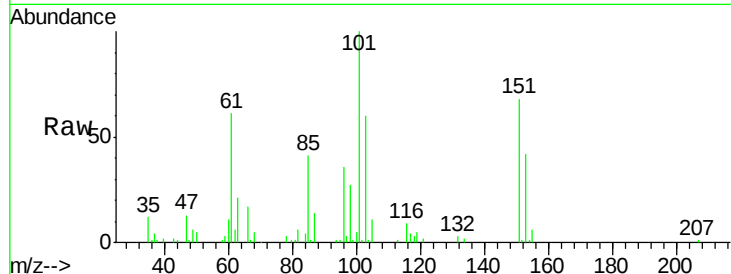
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.770 ug/l
 RT: 3.94 min Scan# 361
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	41299		
85	43.7		35.1	52.7
151	71.3		58.4	87.6

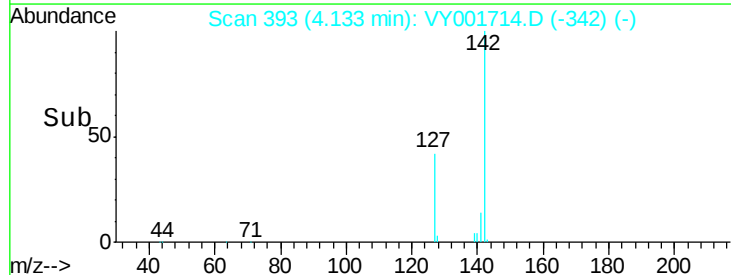
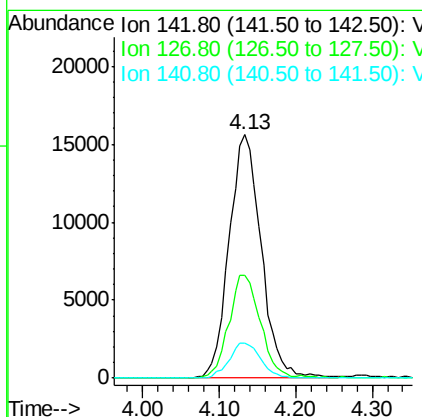
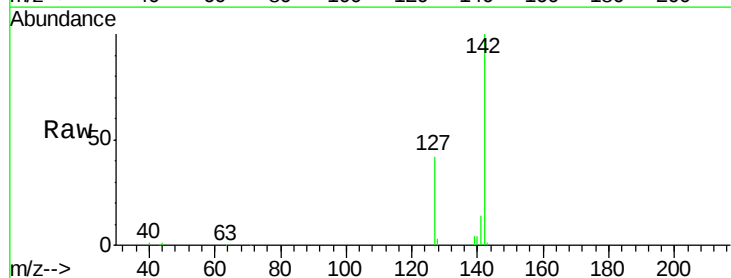
Manual Integrations
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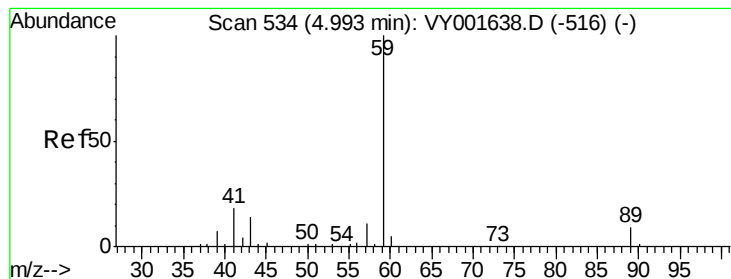
MMDadoda
 2/21/2020 3:23:21 PM



#10
 Methyl Iodide
 Concen: 17.795 ug/l
 RT: 4.13 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	45497		
127	41.8		32.1	48.1
141	13.9		11.3	16.9





#11

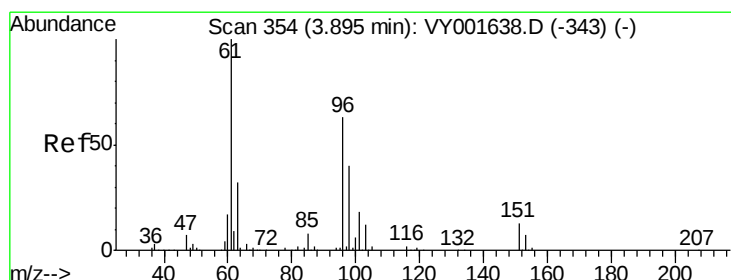
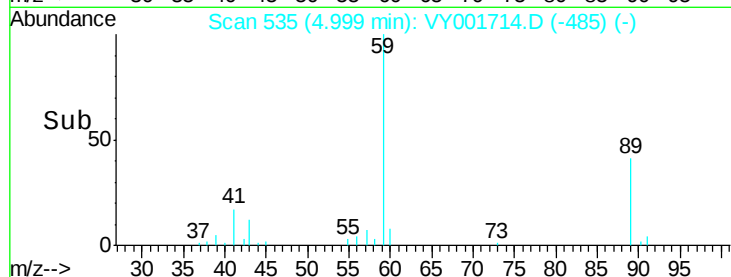
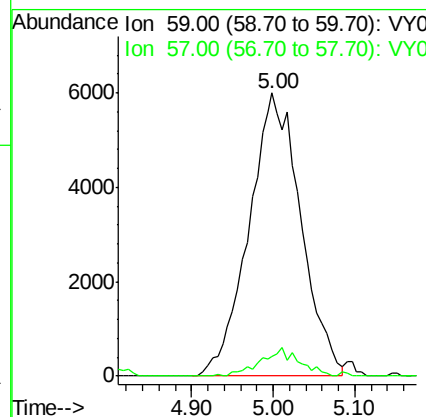
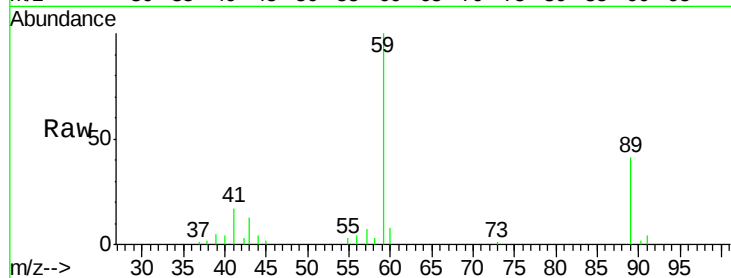
Tert butyl alcohol
Concen: 92.618 ug/l
RT: 5.00 min Scan# 535
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.3	7.4	11.2#

Manual Integrations
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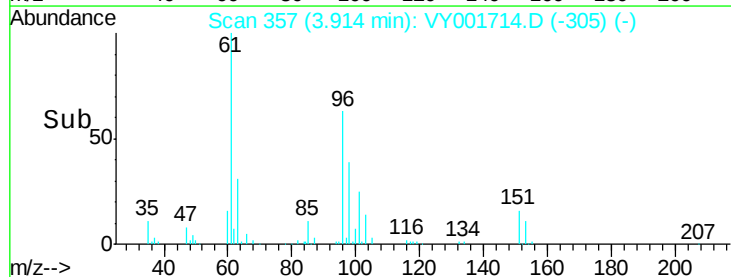
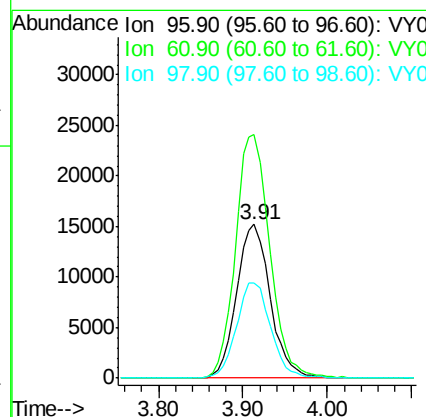
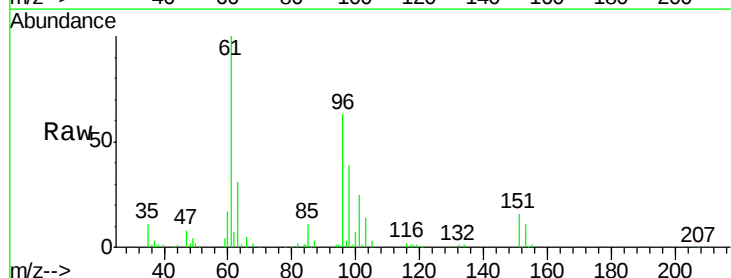
MMDadoda
2/21/2020 3:23:21 PM

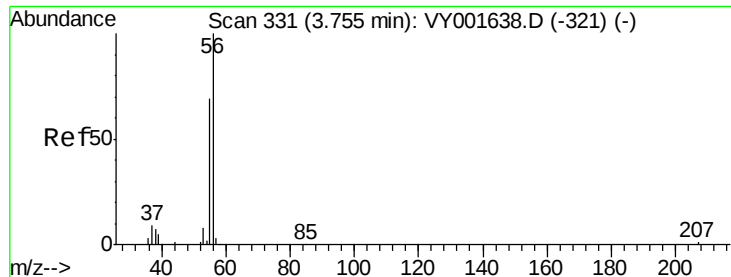


#12

1,1-Dichloroethene
Concen: 19.344 ug/l
RT: 3.91 min Scan# 357
Delta R.T. 0.02 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.2	128.7	193.1
98	61.4	50.7	76.1





#13

Acrolein

Concen: 89.698 ug/l

RT: 3.77 min Scan# 333

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 56 Resp: 19135

Ion Ratio Lower Upper

56 100

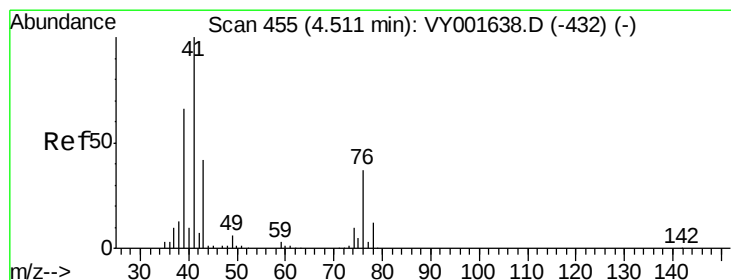
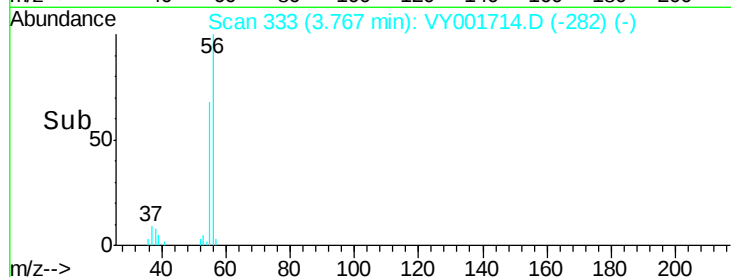
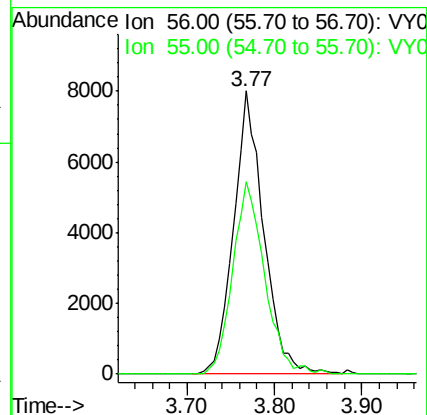
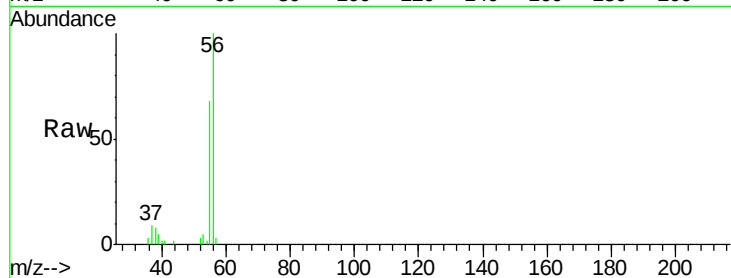
55 71.8 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 19.307 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

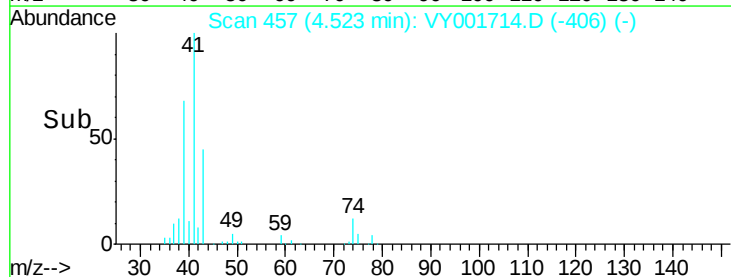
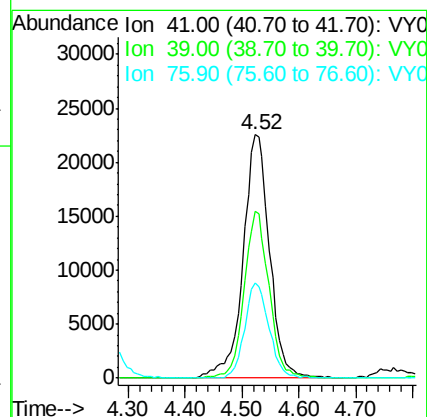
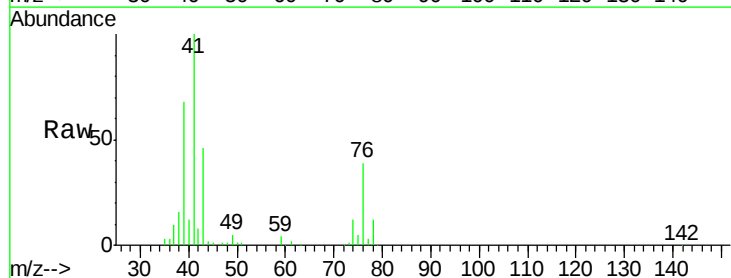
Tgt Ion: 41 Resp: 73213

Ion Ratio Lower Upper

41 100

39 64.3 49.4 74.0

76 35.8 29.0 43.6





#15

Acrylonitrile

Concen: 96.199 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

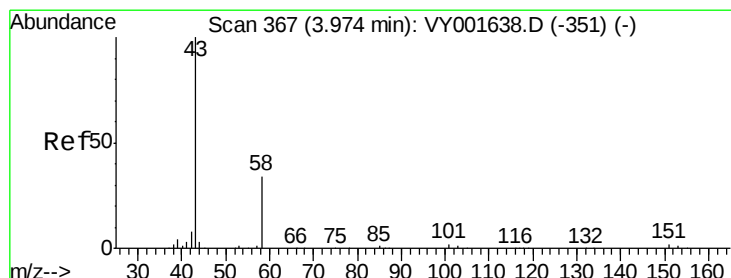
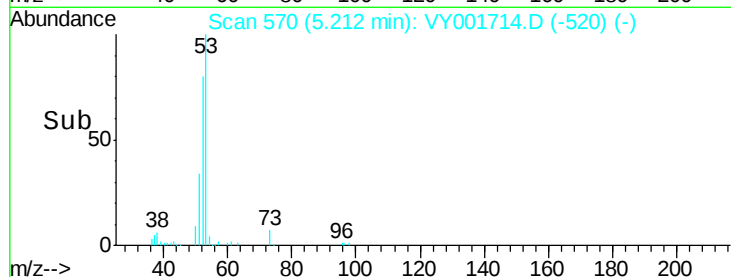
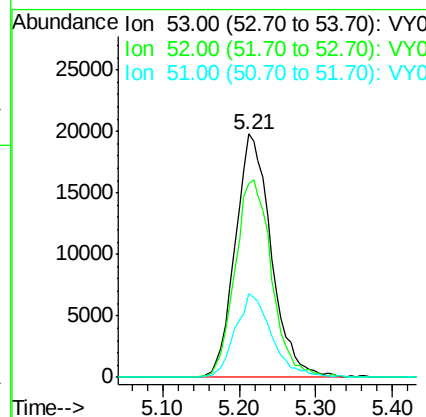
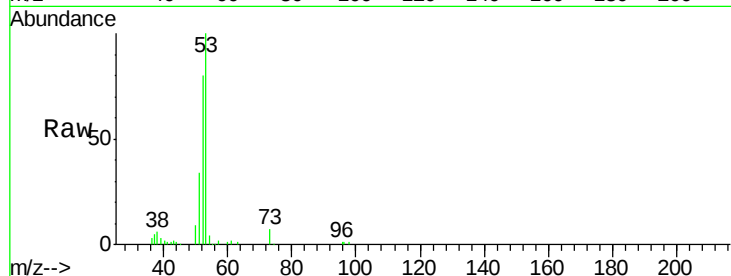
ClientSampleId :

VY0220SBS01

Tot Ion:	53	Resp:	64606
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.4	98.0
51	34.7	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 82.124 ug/l

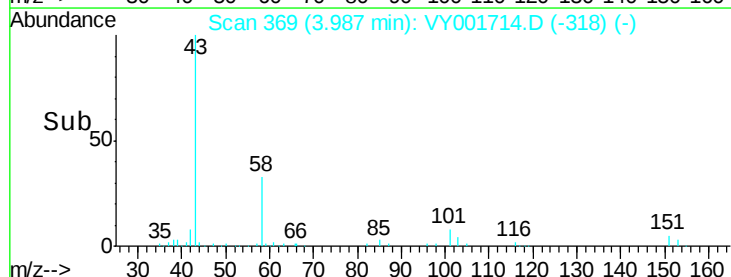
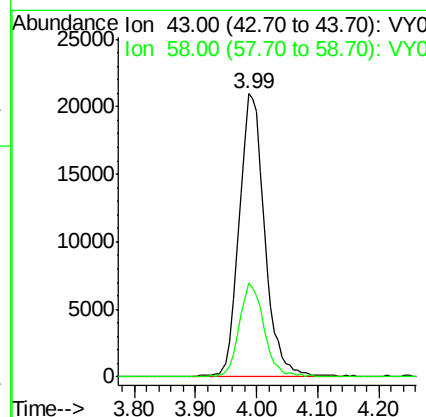
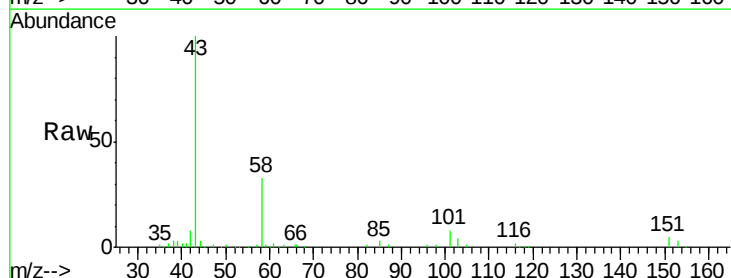
RT: 3.99 min Scan# 369

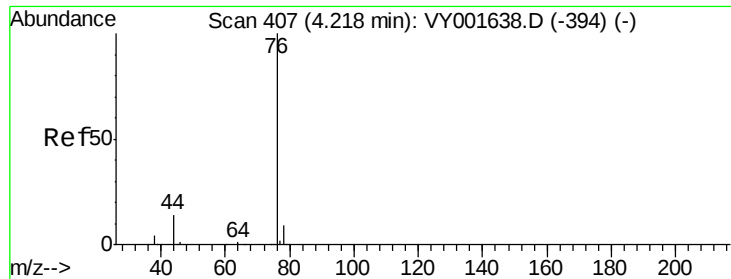
Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Tgt Ion:	43	Resp:	60021
Ion	Ratio	Lower	Upper
43	100		
58	33.3	27.3	40.9





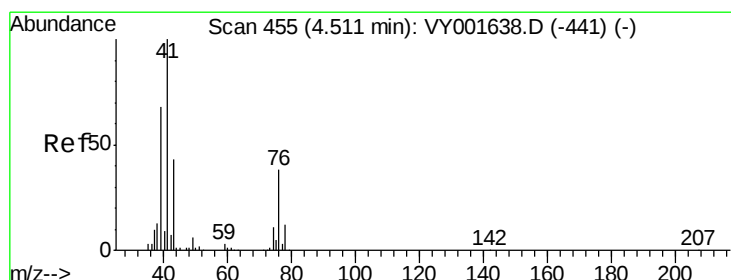
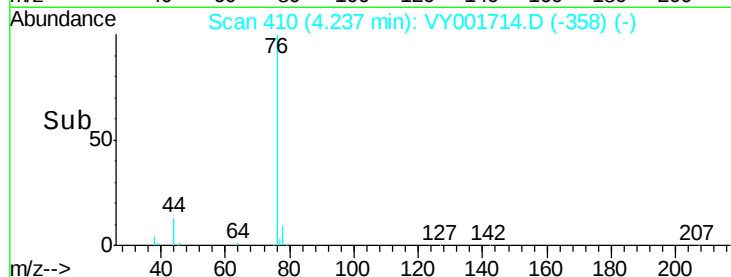
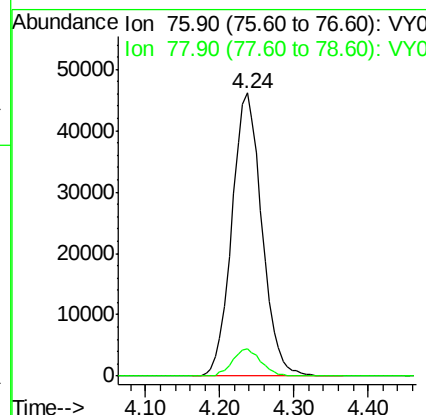
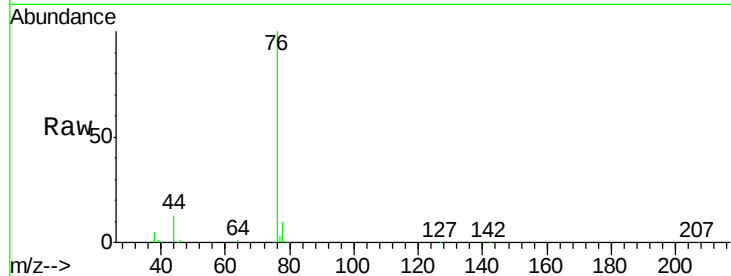
#17
Carbon Disulfide
Concen: 18.286 ug/l
RT: 4.24 min Scan# 410
Delta R.T. 0.02 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.3	10.9

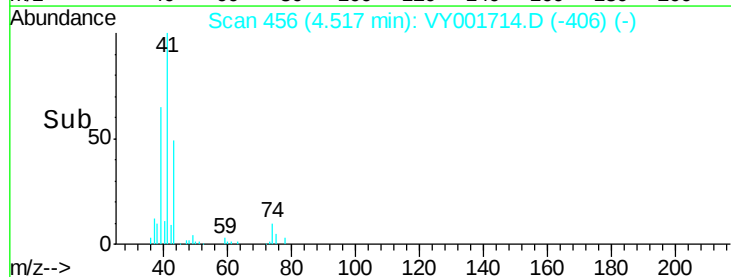
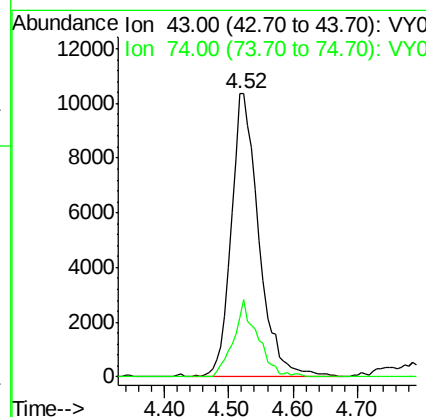
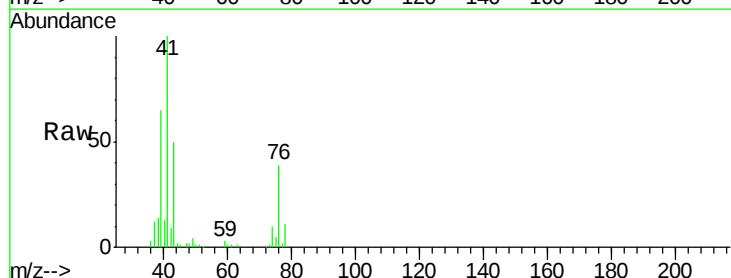
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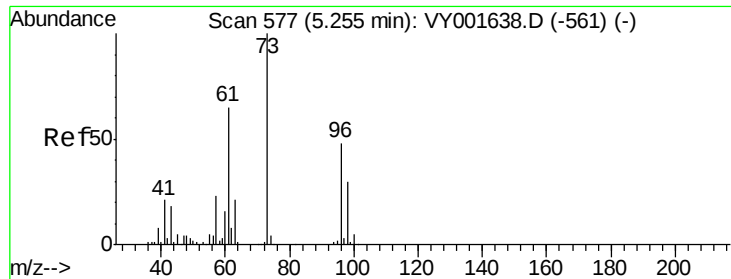
MMDadoda
2/21/2020 3:23:21 PM



#18
Methyl Acetate
Concen: 19.606 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.1	28.7





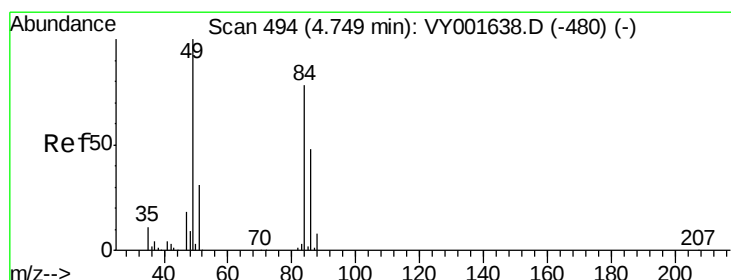
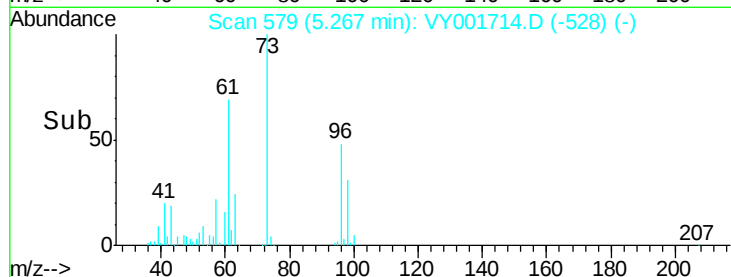
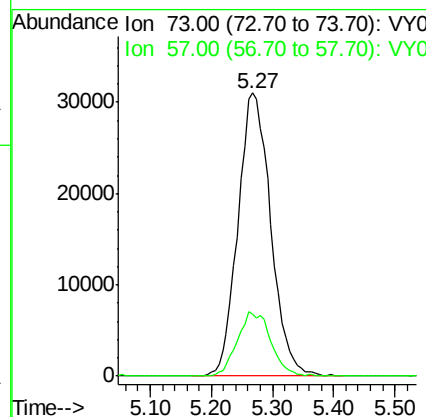
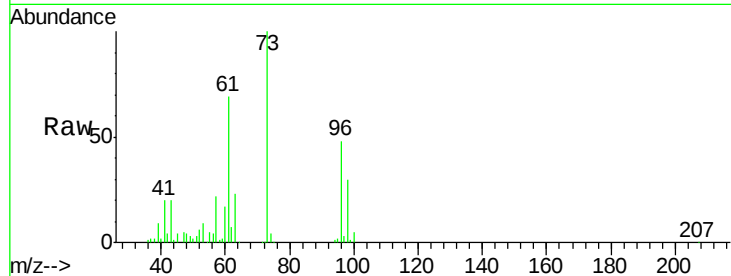
#19
Methvl tert-butvl Ether
Concen: 19.384 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	19.0	28.6

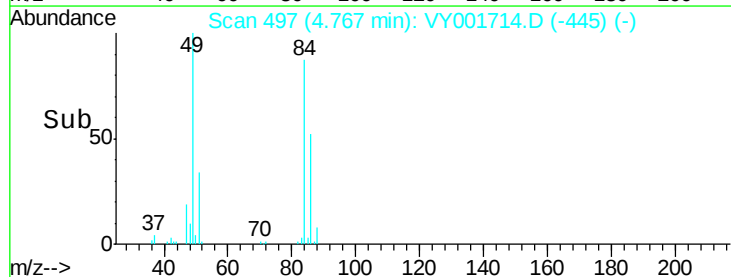
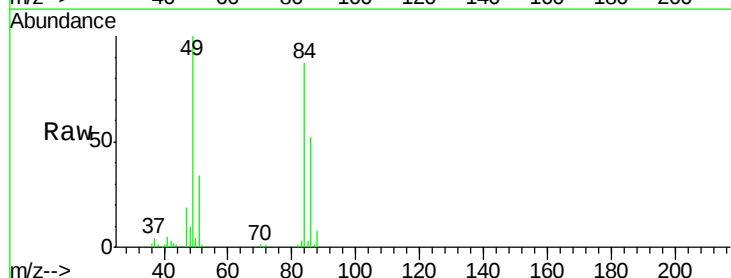
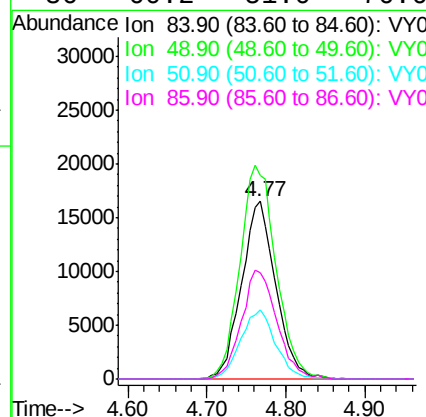
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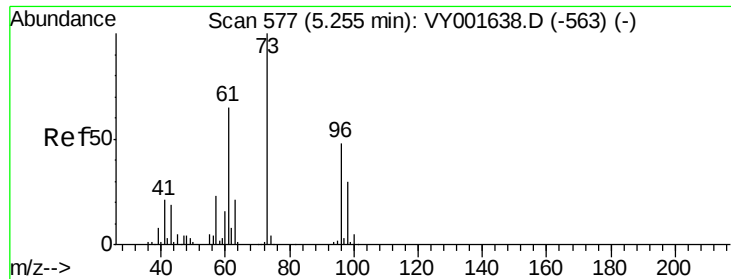
MMDadoda
2/21/2020 3:23:21 PM



#20
Methylene Chloride
Concen: 19.196 ug/l
RT: 4.77 min Scan# 497
Delta R.T. 0.02 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.9	99.2	148.8
51	39.2	31.5	47.3
86	60.2	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 18.593 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

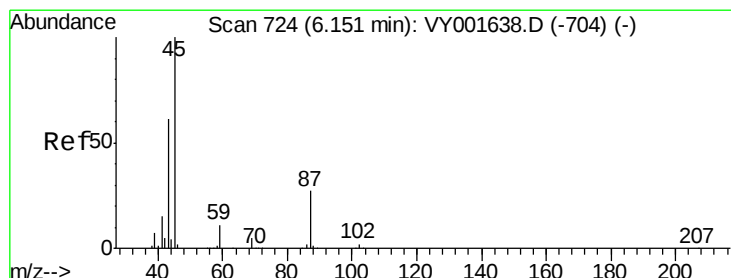
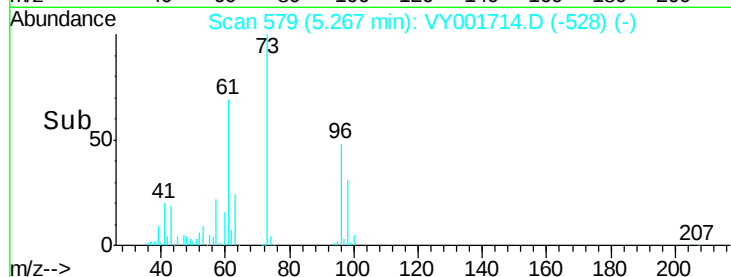
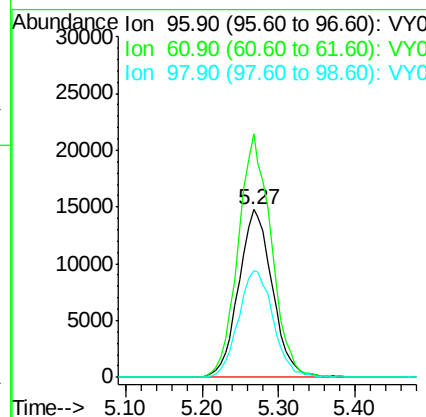
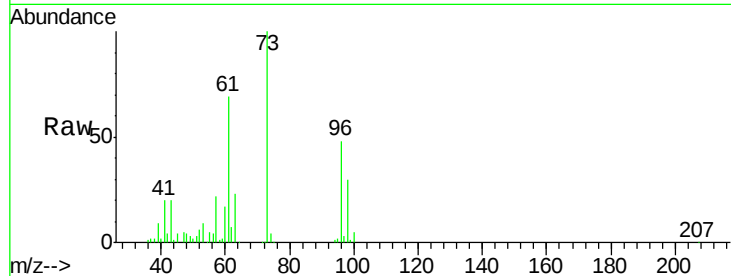
ClientSampleId :

VY0220SBS01

Tot Ion:	96	Resp:	45197
Ion	Ratio	Lower	Upper
96	100		
61	145.1	107.9	161.9
98	63.9	49.8	74.8

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2/21/2020 3:23:21 PM



#22

Diisopropyl ether

Concen: 19.554 ug/l

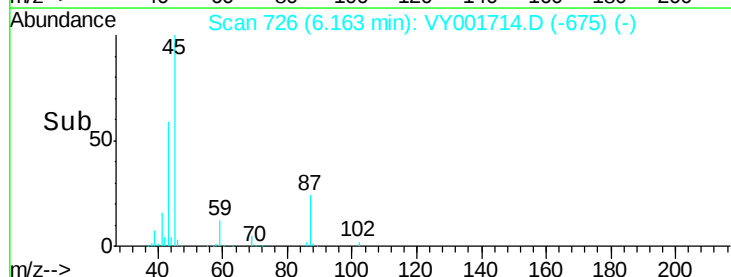
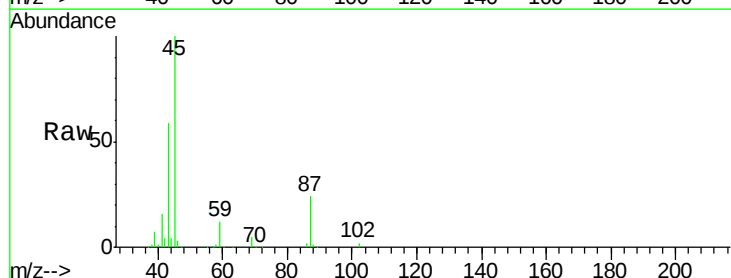
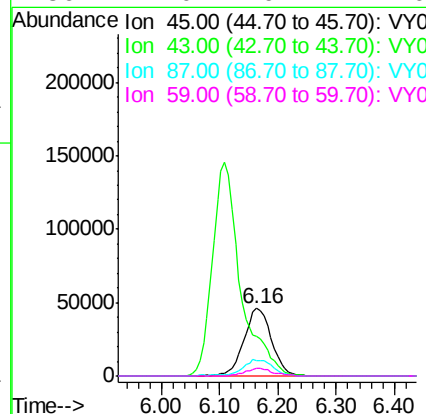
RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Tgt Ion:	45	Resp:	152273
Ion	Ratio	Lower	Upper
45	100		
43	58.7	46.4	69.6
87	23.6	22.1	33.1
59	12.0	9.4	14.0





#23

Vinyl Acetate

Concen: 95.811 ug/l

RT: 6.11 min Scan# 717

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 43 Resp: 486675

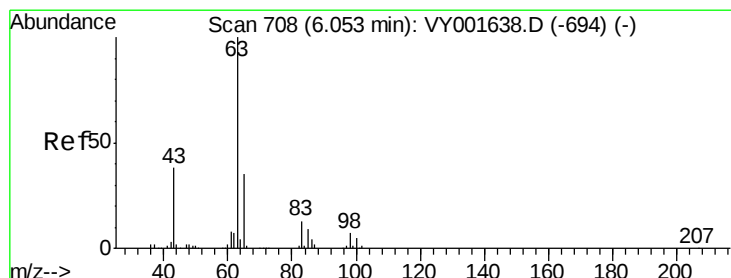
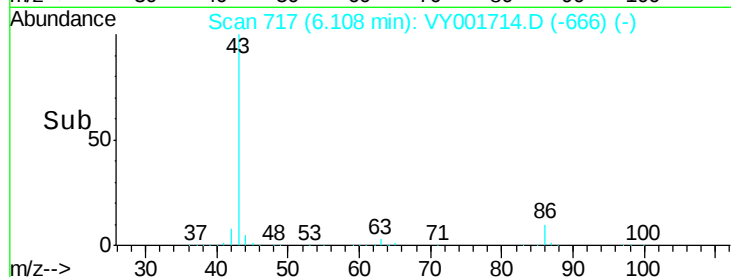
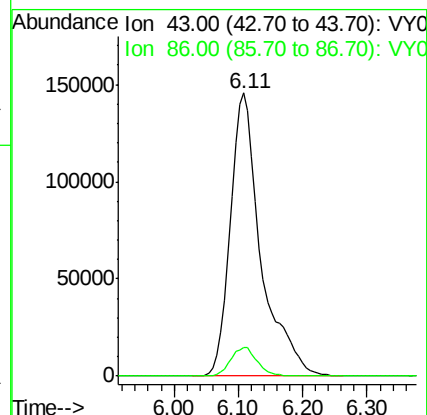
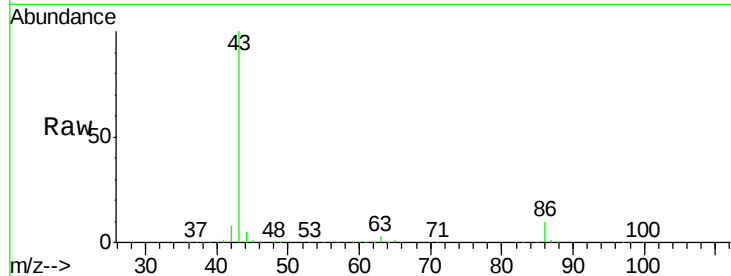
Ion Ratio Lower Upper

43 100

86 10.3 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 19.634 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

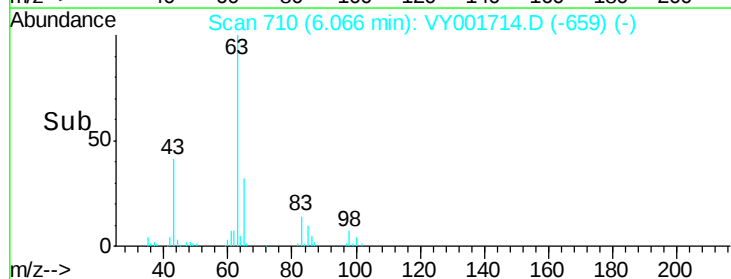
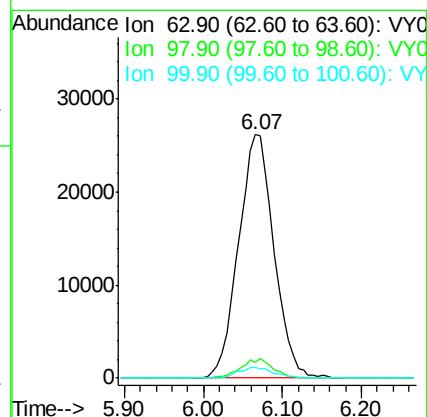
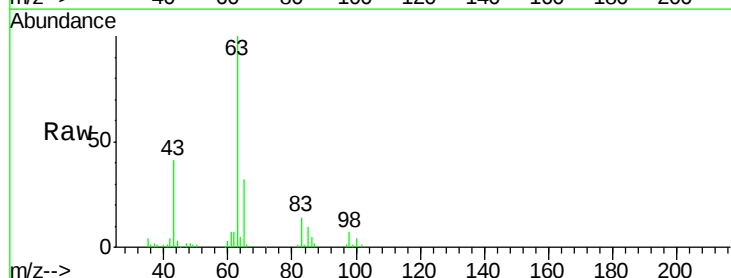
Tgt Ion: 63 Resp: 81717

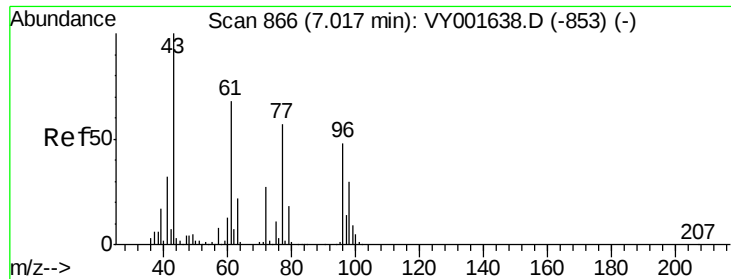
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.5 2.3 6.9





#25

2-Butanone

Concen: 90.126 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 43 Resp: 89481

Ion Ratio Lower Upper

43 100

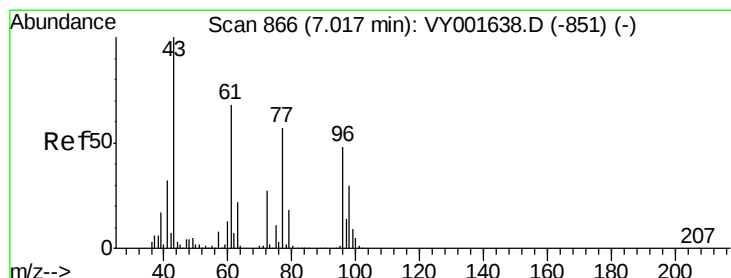
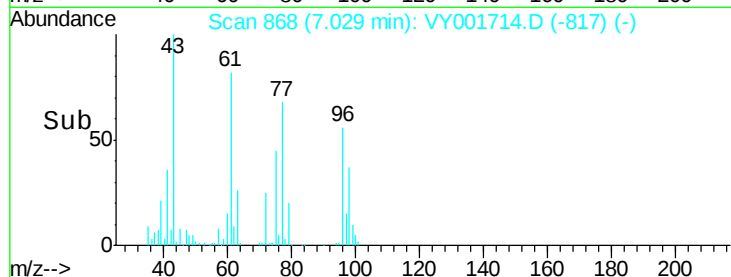
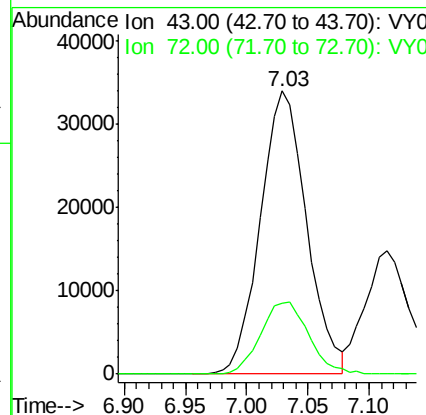
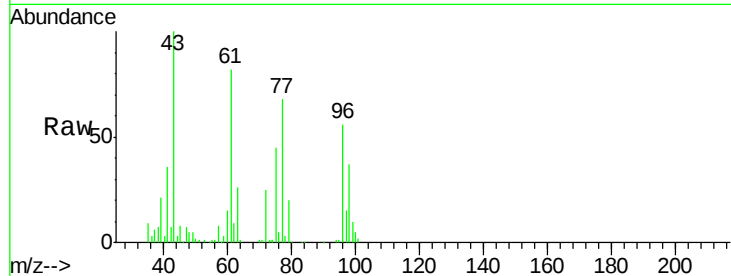
72 25.3 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.880 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001714.D

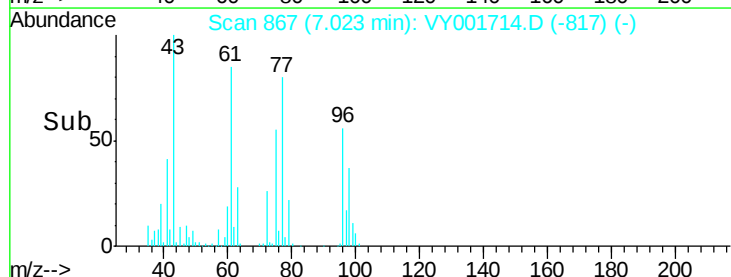
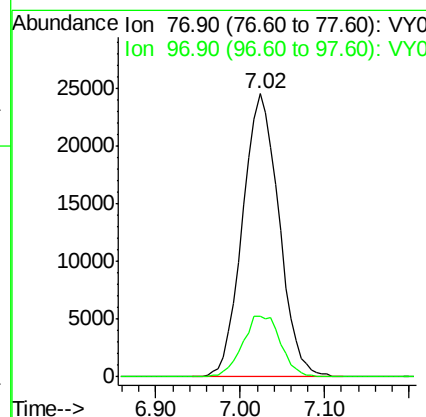
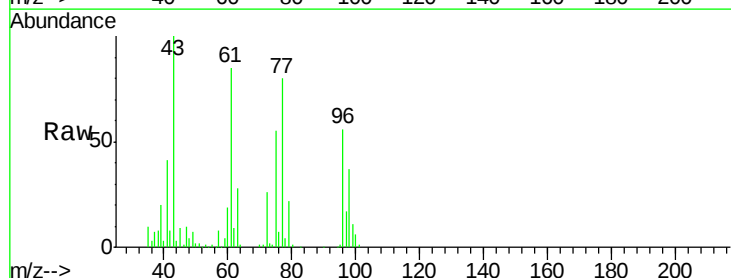
Acq: 20 Feb 2020 11:31

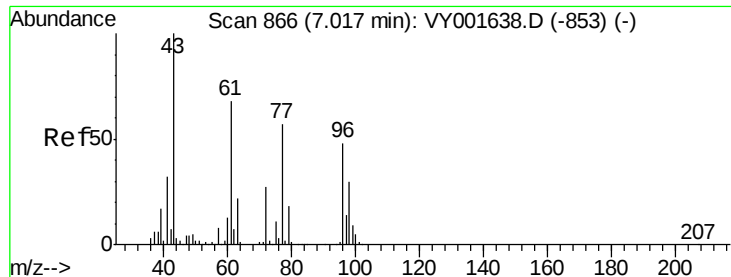
Tgt Ion: 77 Resp: 71987

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

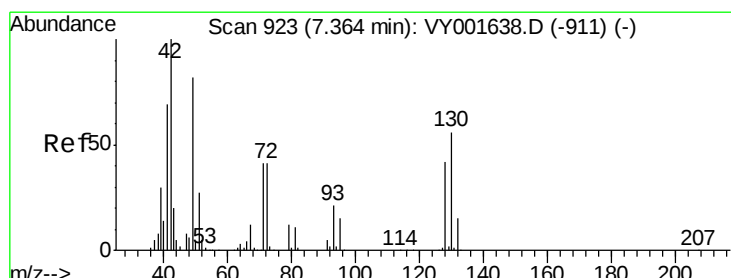
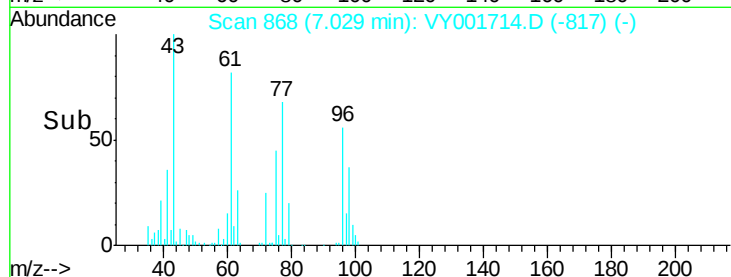
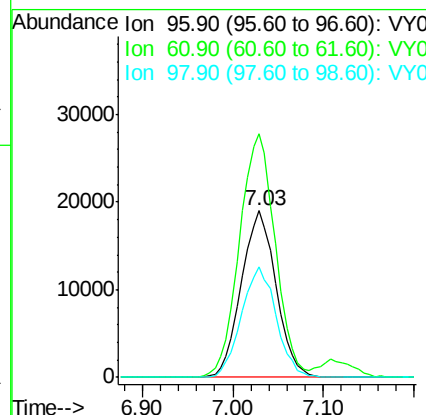
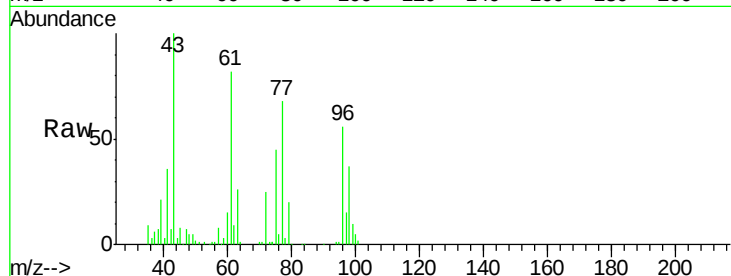
cis-1,2-Dichloroethene
Concen: 18.929 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	50792		
61	149.7	0.0	290.8	
98	66.2	0.0	128.6	

Manual Integrations
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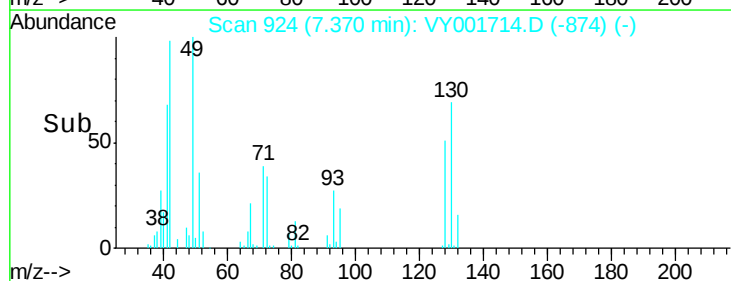
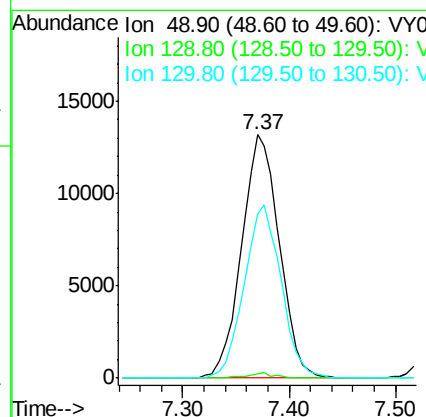
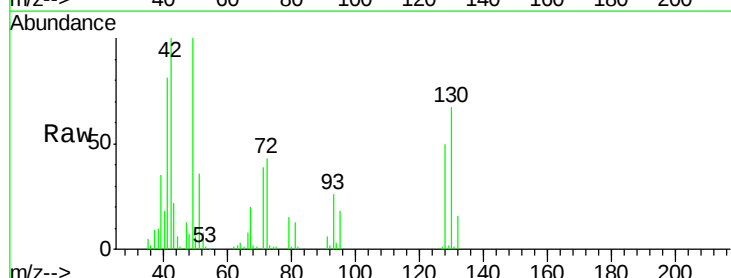
MMDadoda
2/21/2020 3:23:21 PM

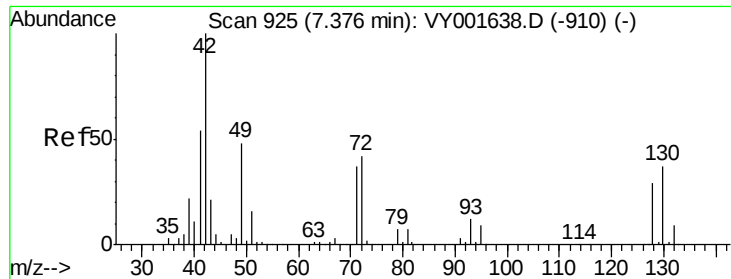


#28

Bromochloromethane
Concen: 18.921 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32804		
129	1.5	0.0	3.6	
130	69.7	56.2	84.4	





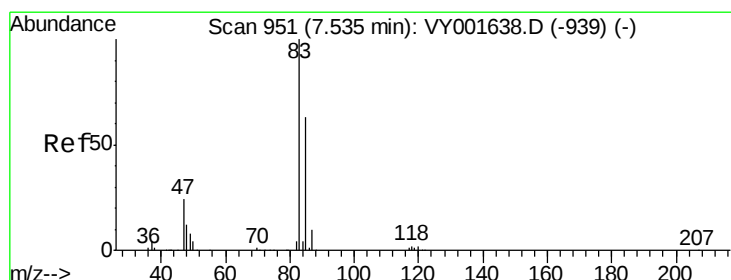
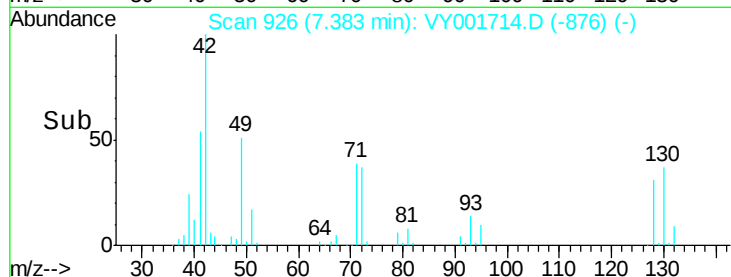
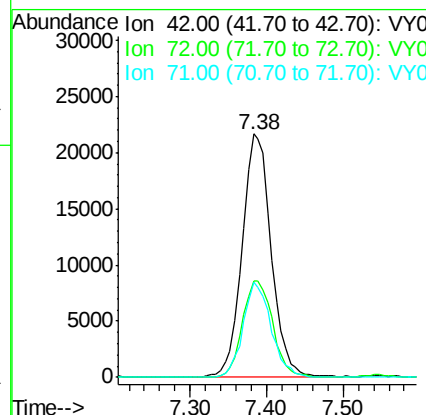
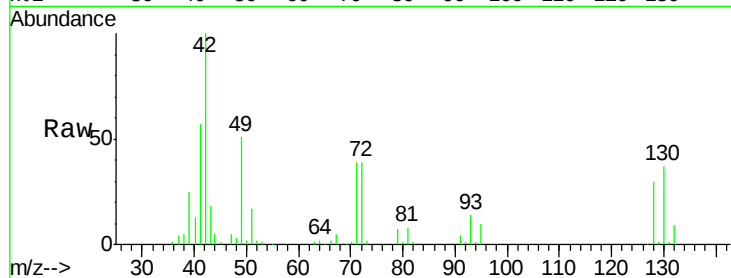
#29
Tetrahydrofuran
Concen: 94.985 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	34.4	51.6
71	37.8	31.8	47.8

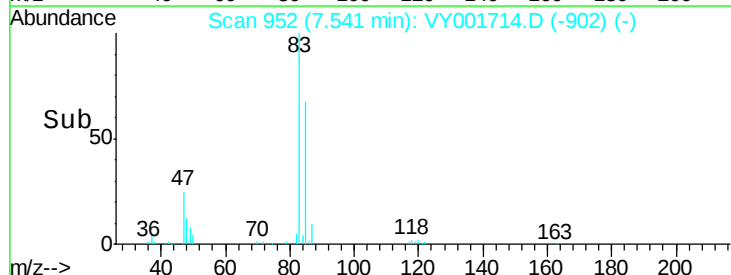
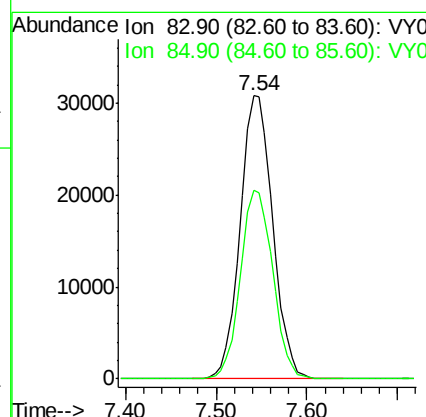
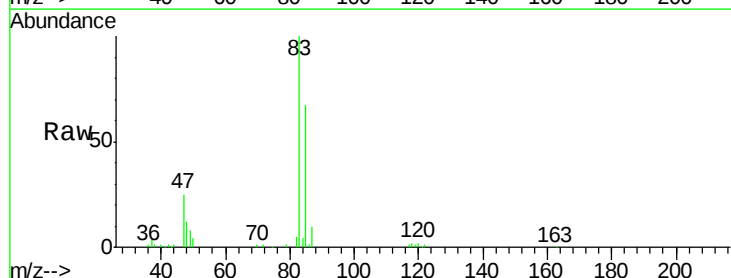
Manual Integrations
APPROVED

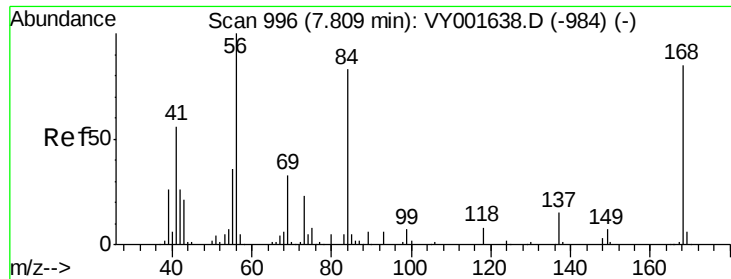
MMDadoda
2/21/2020 3:23:21 PM



#30
Chloroform
Concen: 18.909 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.6	77.4





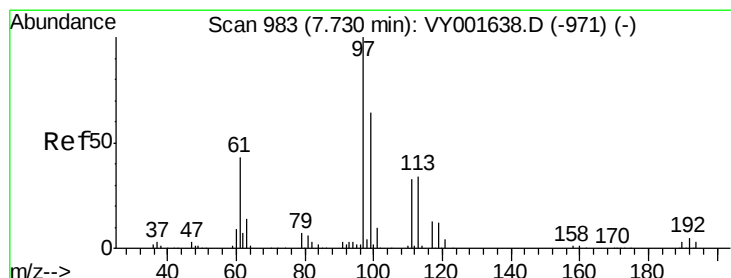
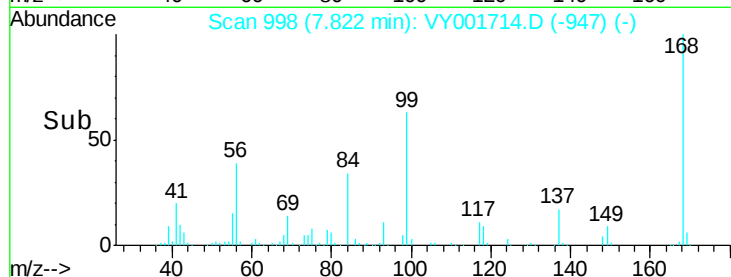
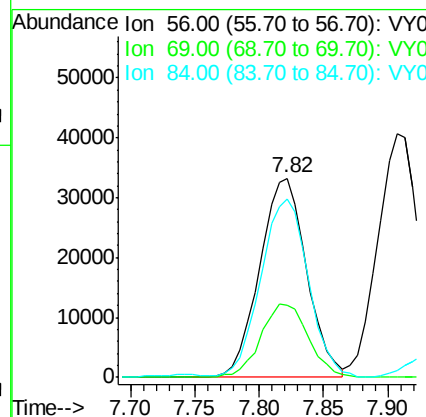
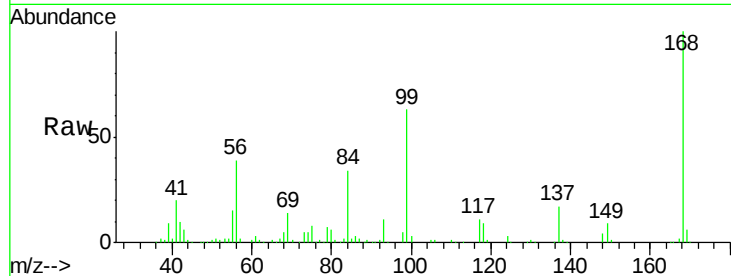
#31
Cyclohexane
Concen: 18.972 ug/l
RT: 7.82 min Scan# 998
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	25.1	37.7
84	87.9	66.9	100.3

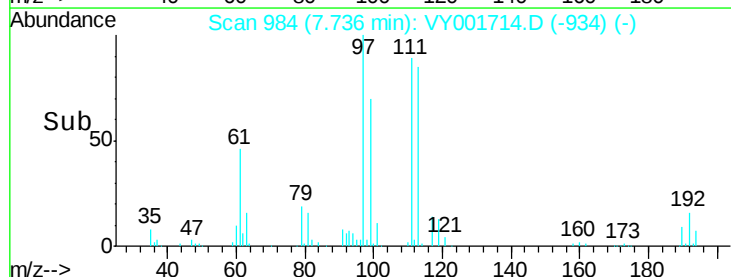
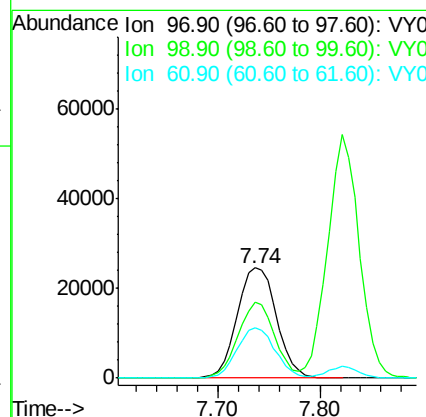
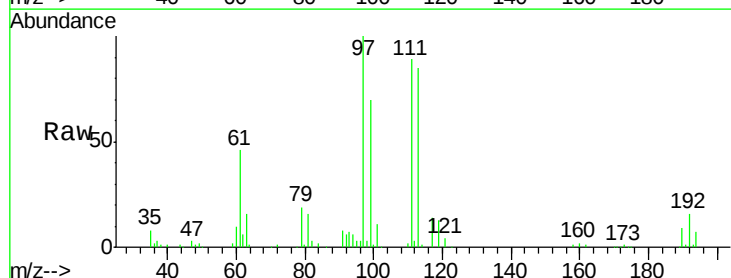
Manual Integrations
APPROVED

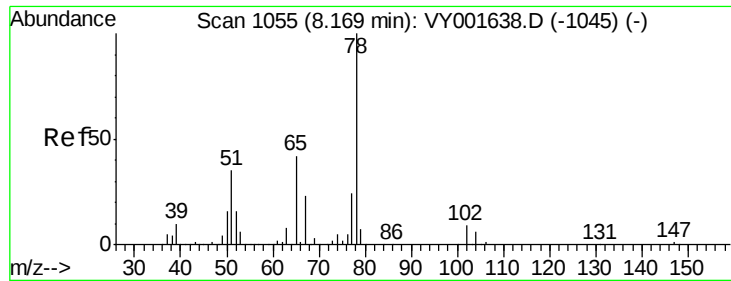
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.327 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	44.3	35.0	52.6





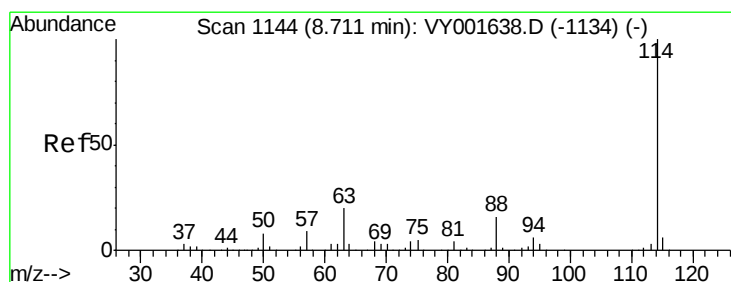
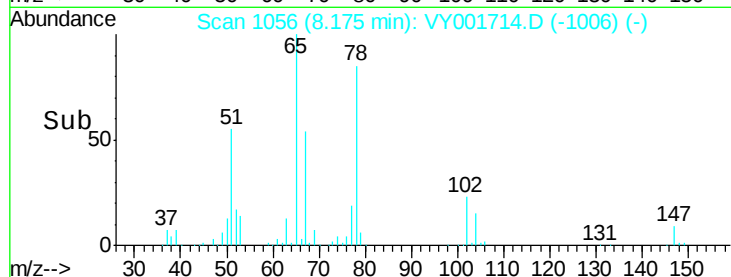
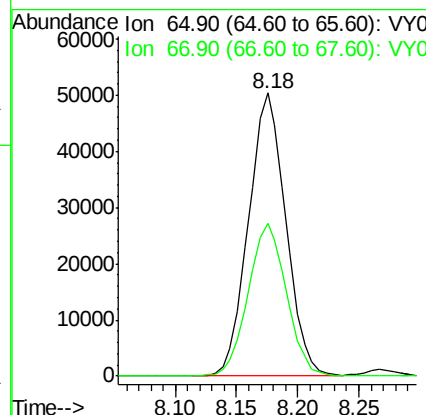
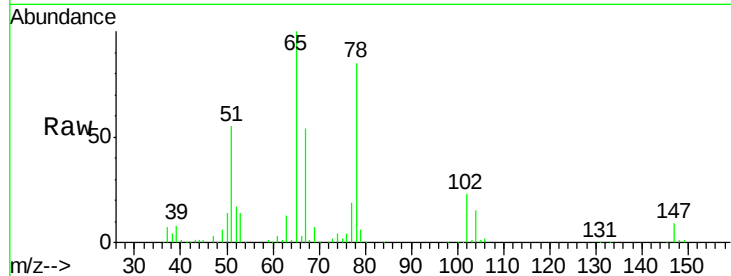
#33
 1,2-Dichloroethane-d4
 Concen: 50.823 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107351		
67	55.1	0.0	111.0	

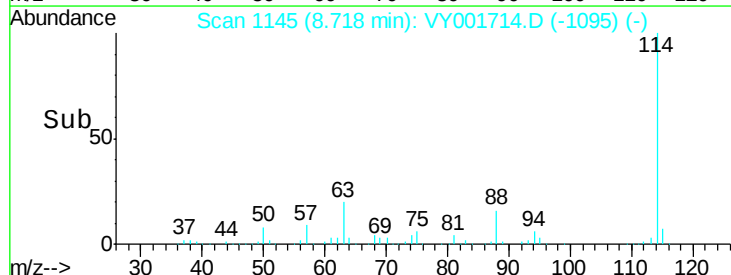
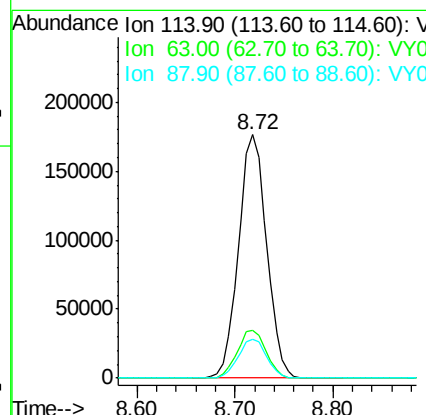
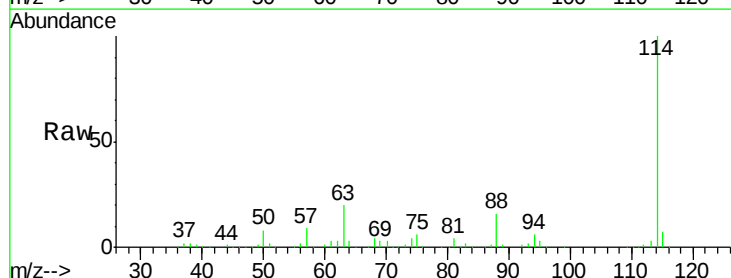
Manual Integrations
 APPROVED

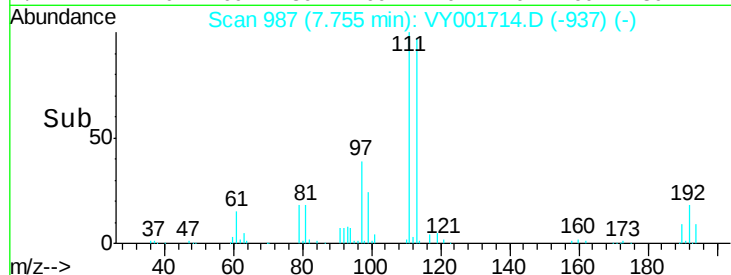
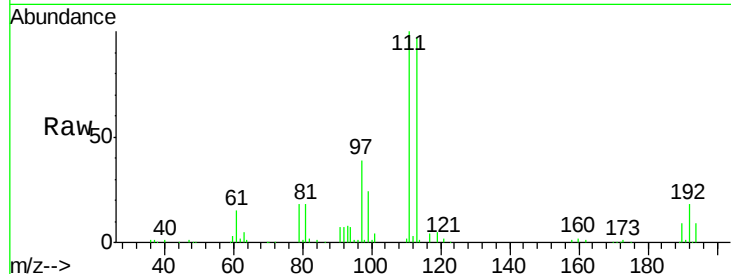
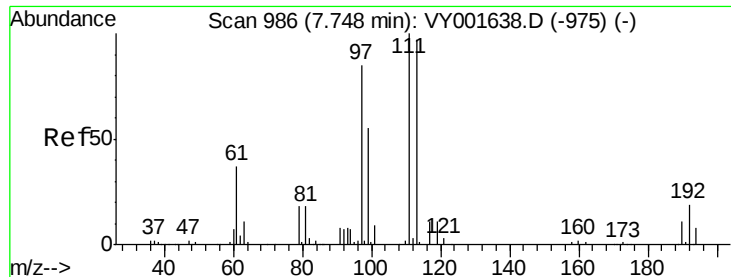
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	351676		
63	19.7	0.0	41.4	
88	16.2	0.0	32.8	





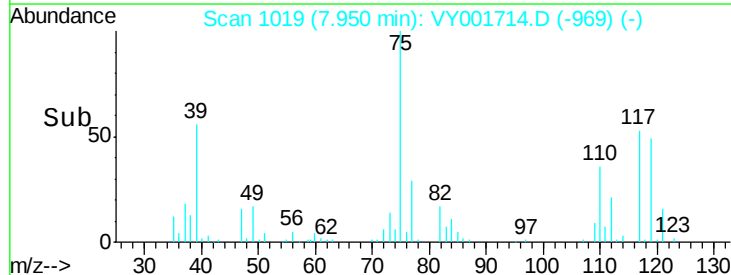
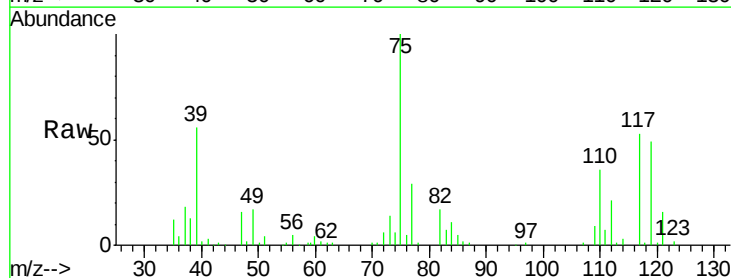
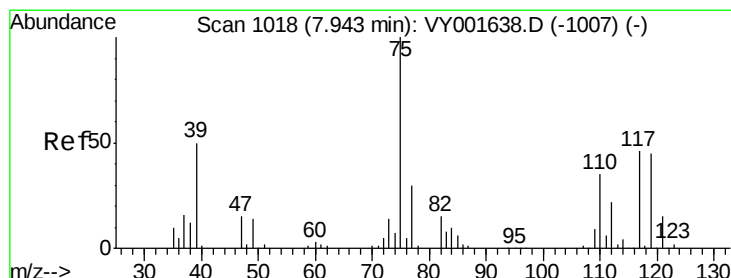
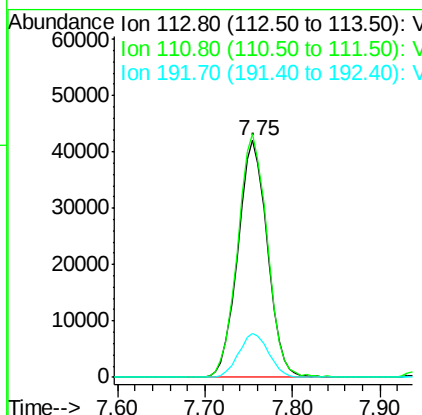
#35
Dibromofluoromethane
Concen: 48.834 ug/l
RT: 7.75 min Scan# 987
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tot Ion	Ratio	Resp	Lower	Upper
113	100	98363		
111	103.4	81.9	122.9	
192	18.7	14.3	21.5	

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

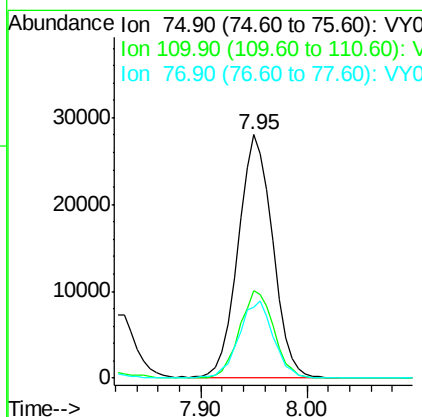
Manual Integrations
APPROVED

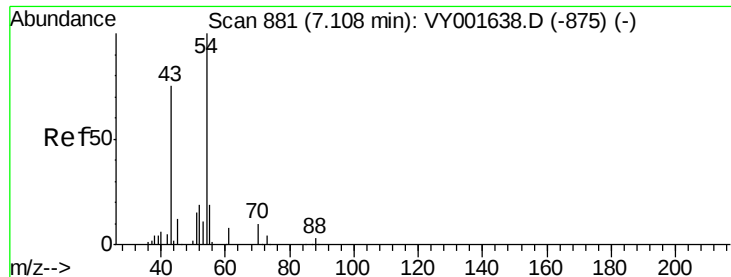
MMDadoda
2/21/2020 3:23:21 PM



#36
1,1-Dichloropropene
Concen: 19.048 ug/l
RT: 7.95 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63987		
110	35.6	17.2	51.6	
77	31.7	24.8	37.2	





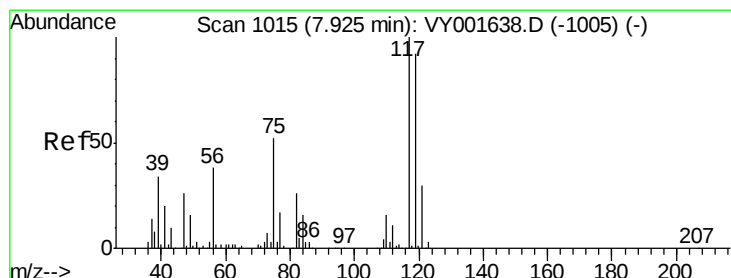
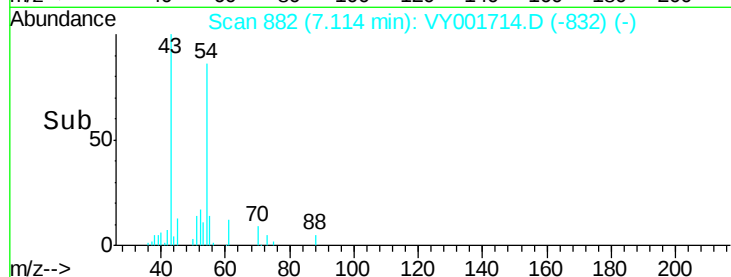
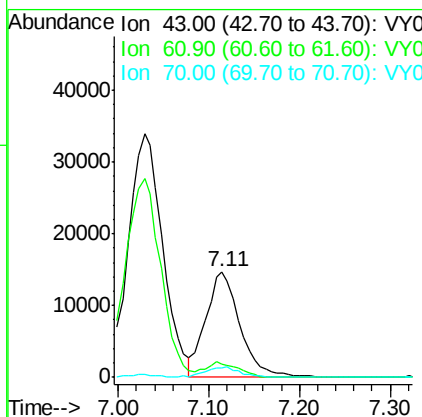
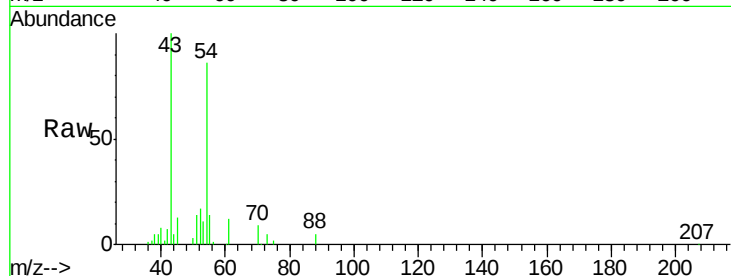
#37
Ethyl Acetate
Concen: 19.473 ug/l
RT: 7.11 min Scan# 882
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.0	16.6
70	9.9	8.8	13.2

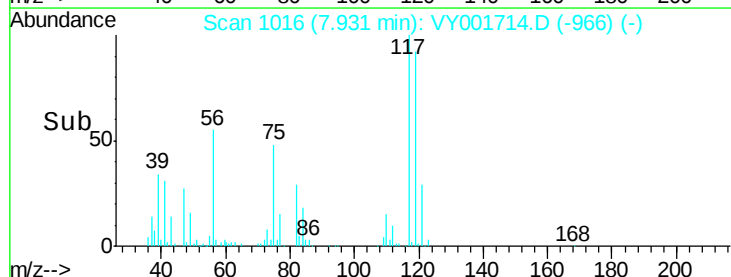
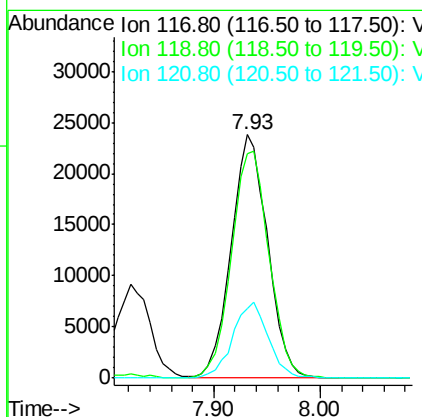
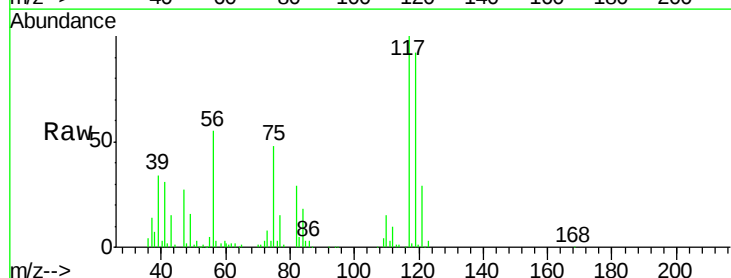
Manual Integrations
APPROVED

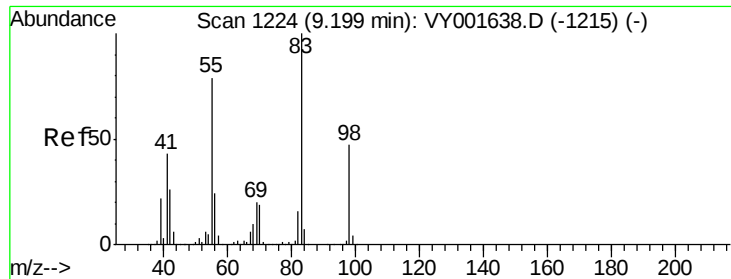
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#38
Carbon Tetrachloride
Concen: 19.379 ug/l
RT: 7.93 min Scan# 1016
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	74.8	112.2
121	28.5	23.8	35.6





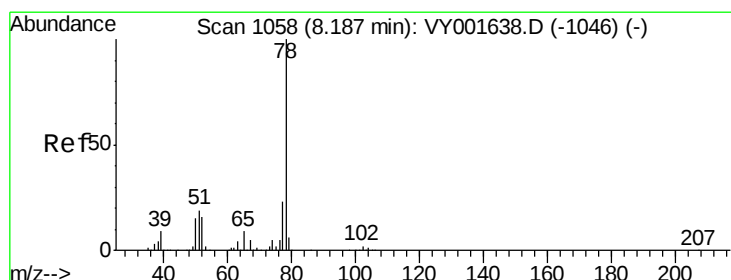
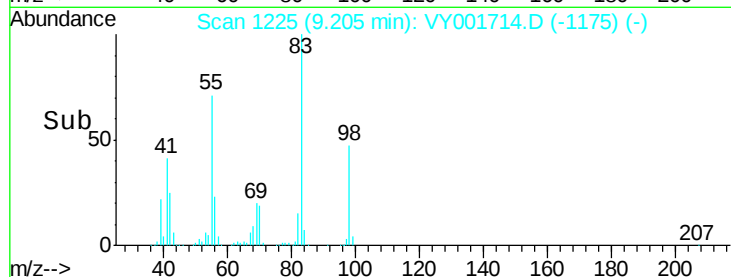
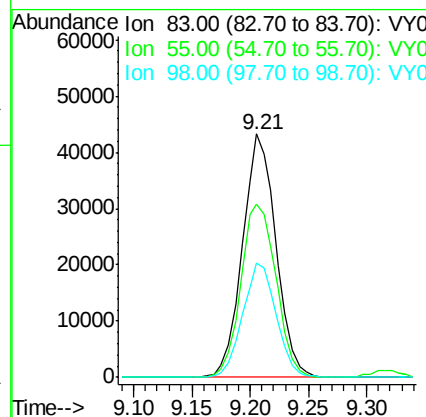
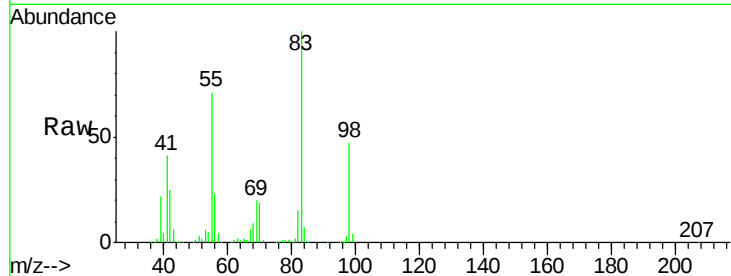
#39
Methvlcvclohexane
Concen: 19.401 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	61.3	91.9
98	47.0	38.0	57.0

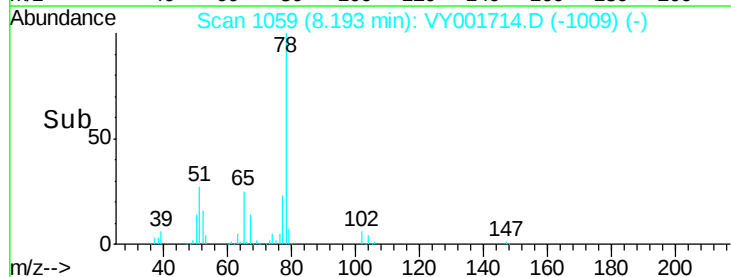
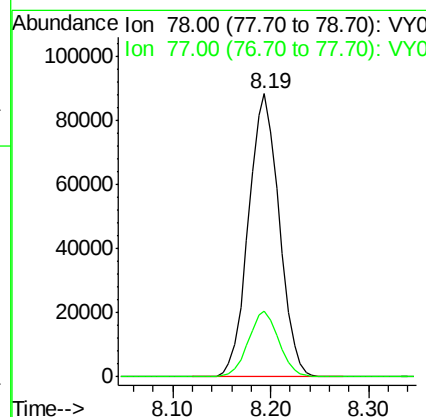
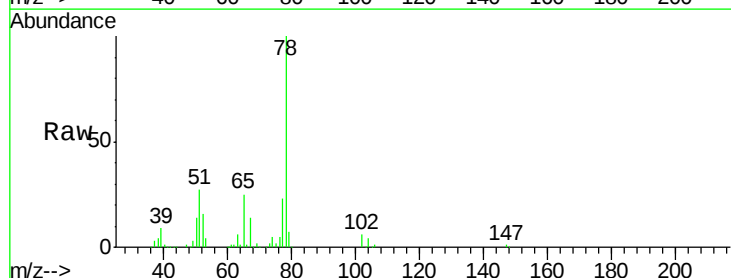
Manual Integrations
APPROVED

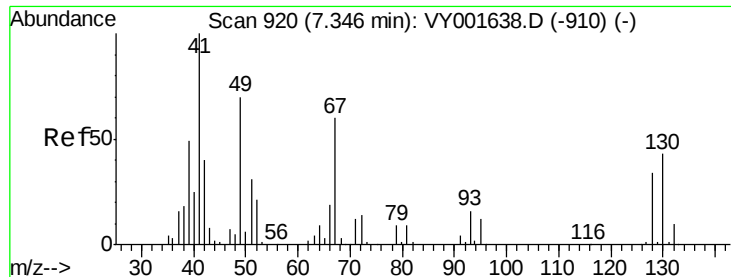
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#40
Benzene
Concen: 19.491 ug/l
RT: 8.19 min Scan# 1059
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.4





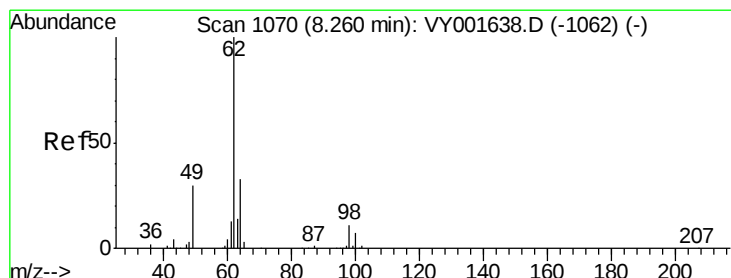
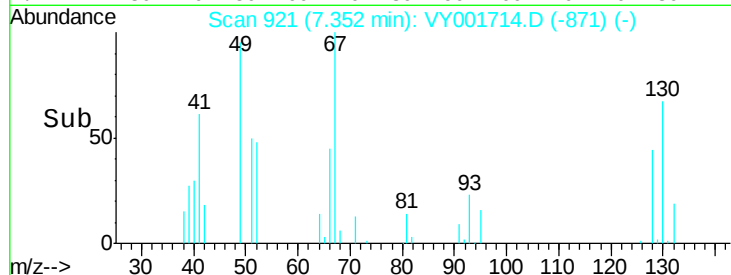
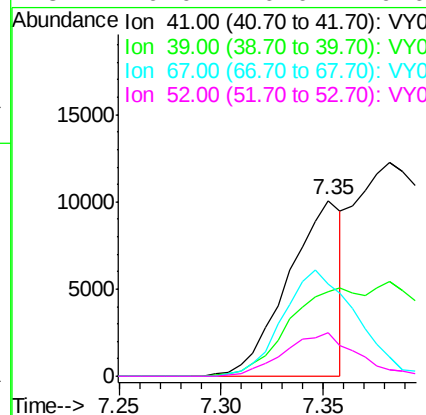
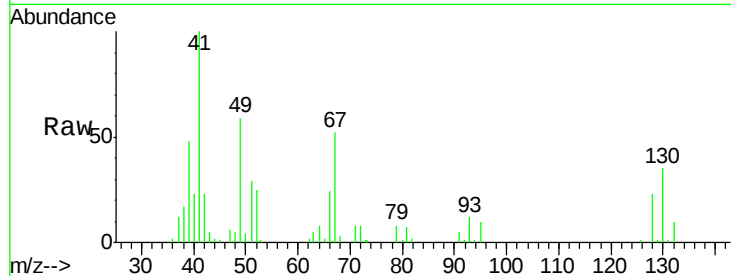
#41
Methacrylonitrile
Concen: 18.545 ug/l m
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	41	Resp:	18669
Ion Ratio	Lower	Upper	
41	100		
39	0.0	36.0	54.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

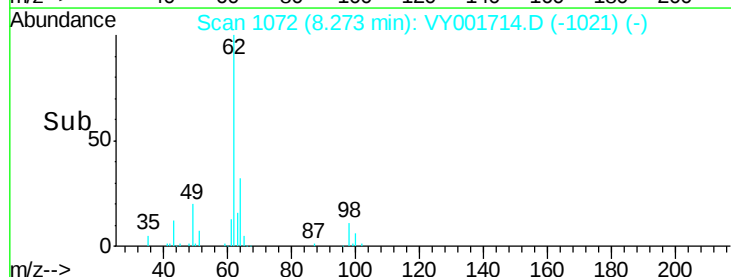
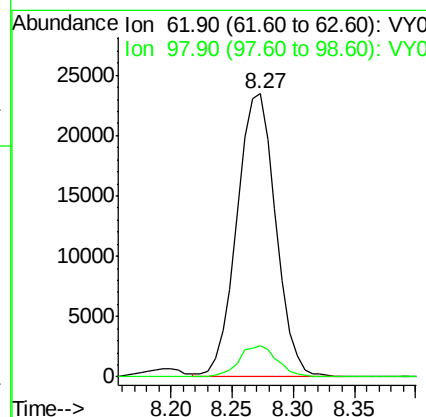
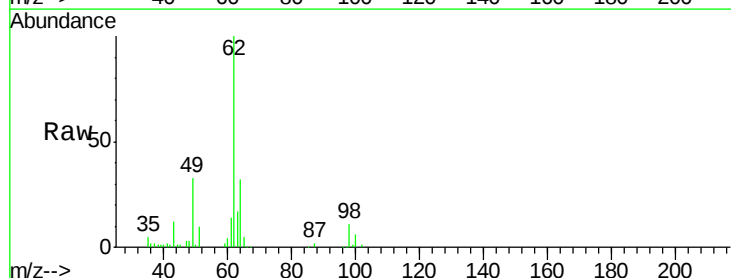
Manual Integrations
APPROVED

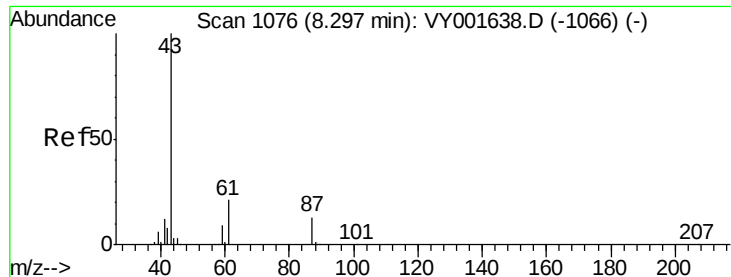
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.254 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	62	Resp:	51823
Ion Ratio	Lower	Upper	
62	100		
98	10.7	0.0	20.8





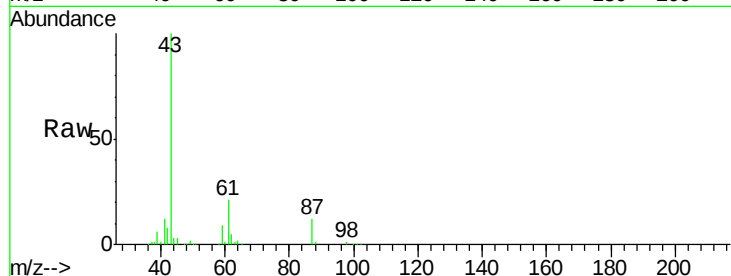
#43
Isopropyl Acetate
Concen: 19.279 ug/l
RT: 8.30 min Scan# 1077
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

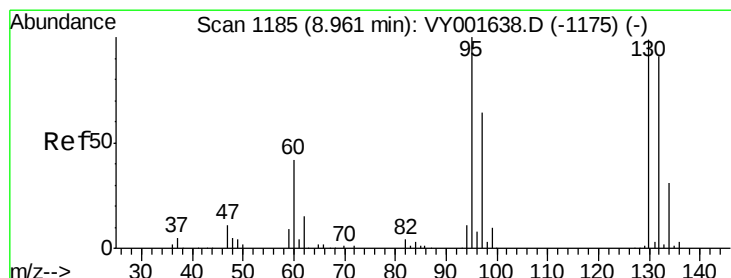
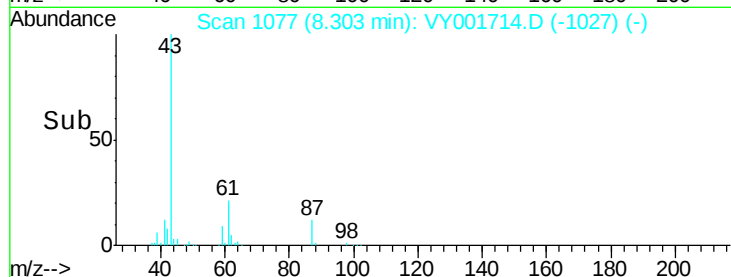
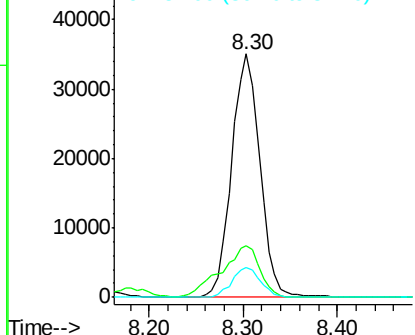
Tot Ion	Ratio	Lower	Upper
43	100		
61	29.0	23.0	34.4
87	12.5	10.7	16.1

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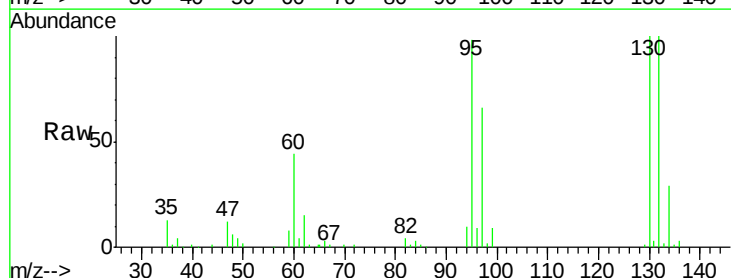


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

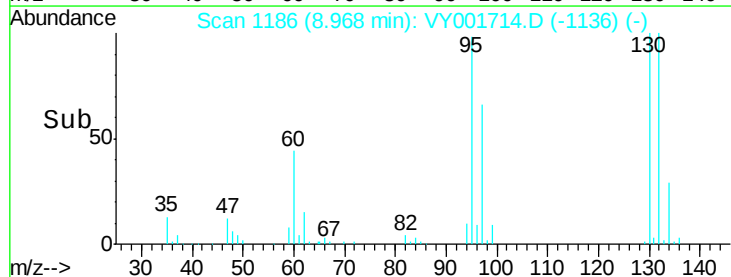
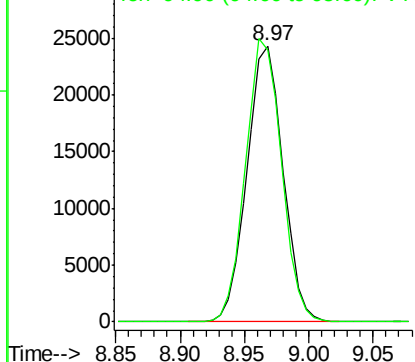


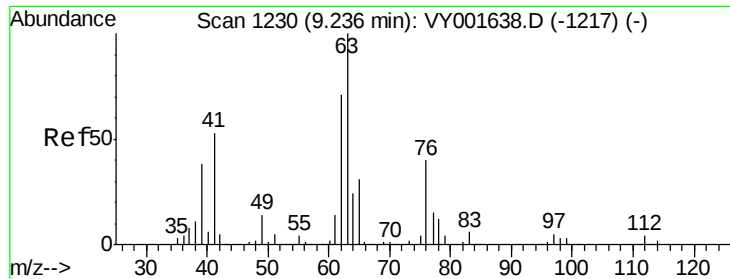
#44
Trichloroethene
Concen: 19.106 ug/l
RT: 8.97 min Scan# 1186
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	200.6



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





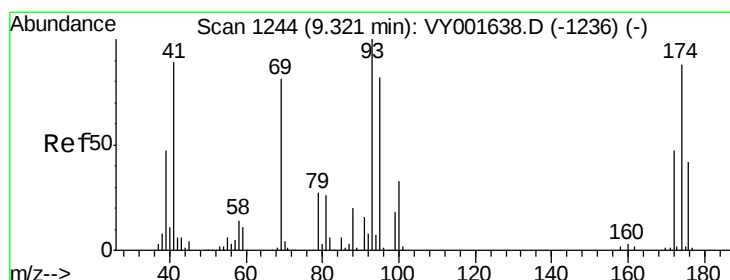
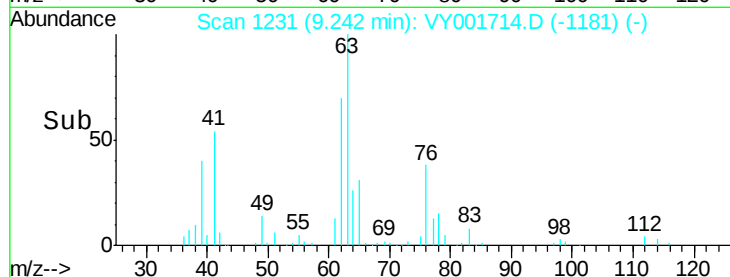
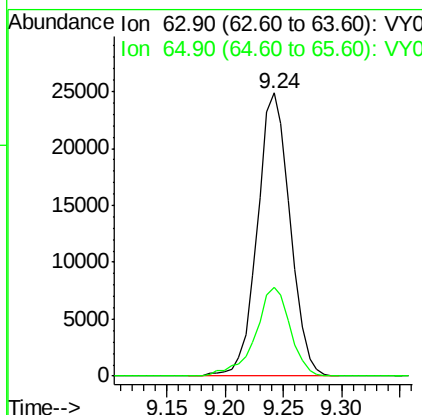
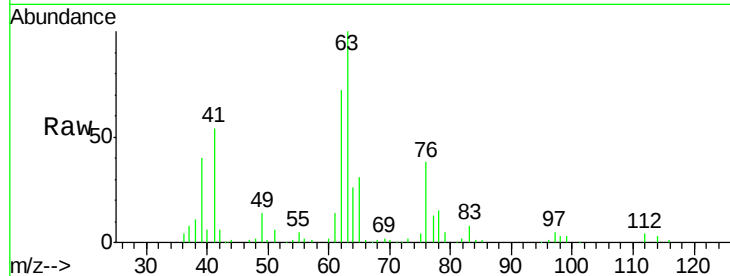
#45
 1,2-Dichloropropane
 Concen: 19.691 ug/l
 RT: 9.24 min Scan# 1231
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion: 63 Resp: 48721
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 37.0

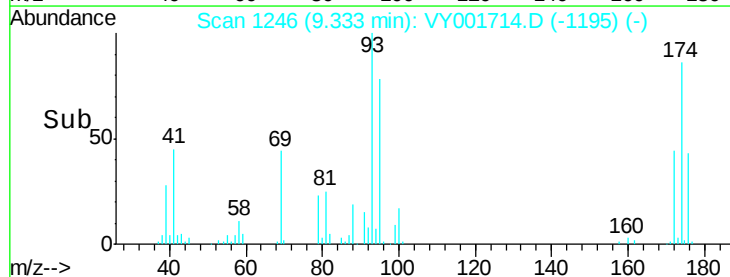
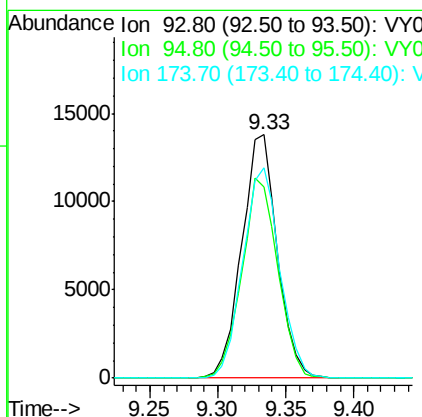
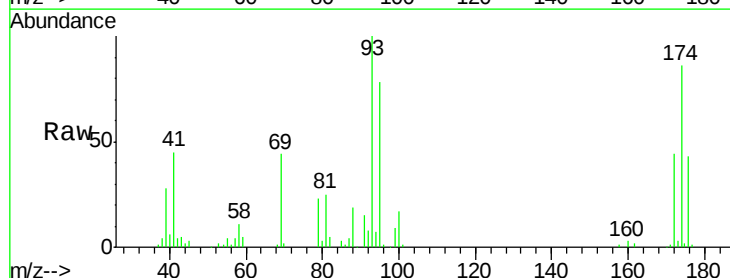
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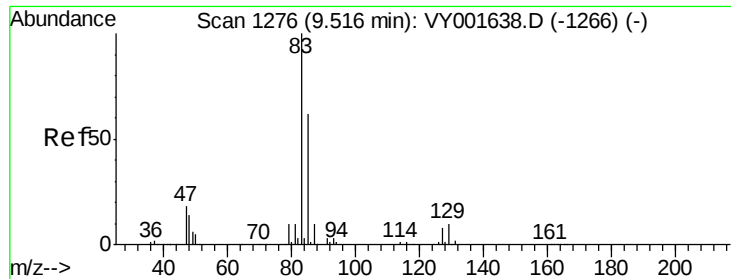
MMDadoda
 2/21/2020 3:23:21 PM



#46
 Dibromomethane
 Concen: 19.484 ug/l
 RT: 9.33 min Scan# 1246
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion: 93 Resp: 25214
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.1 99.1
 174 89.5 72.5 108.7





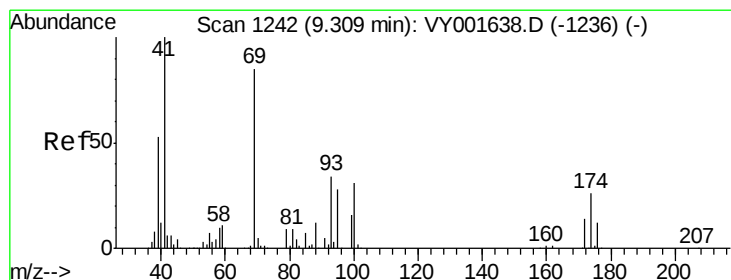
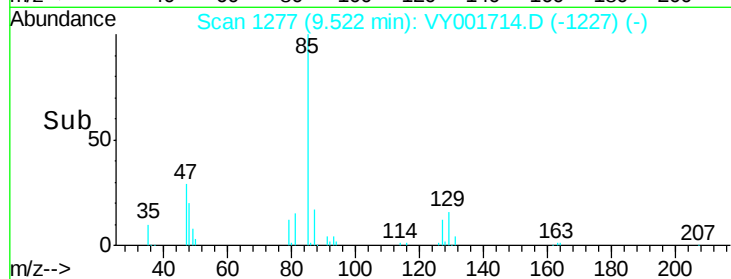
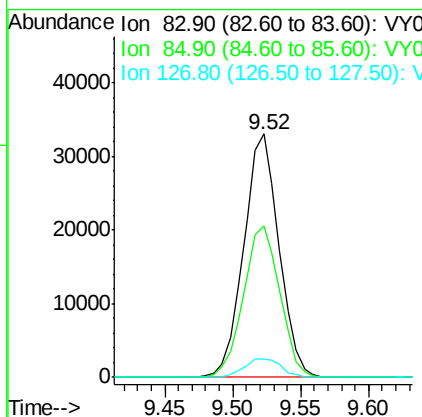
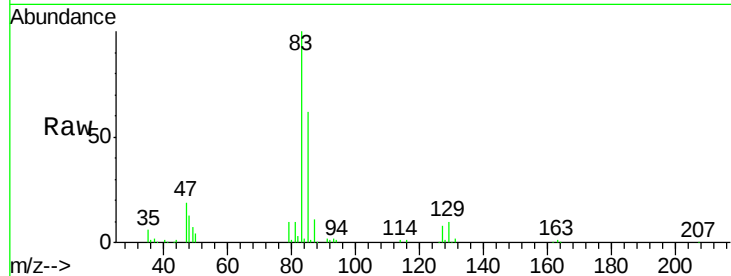
#47
Bromodichloromethane
Concen: 19.213 ug/l
RT: 9.52 min Scan# 1277
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	60009		
85	62.2		51.4	77.0
127	7.6		6.4	9.6

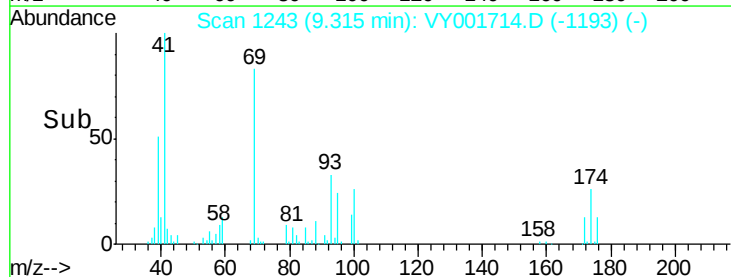
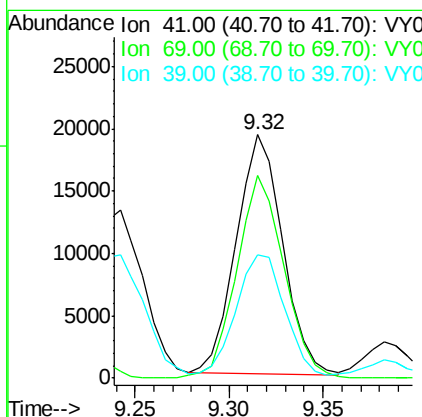
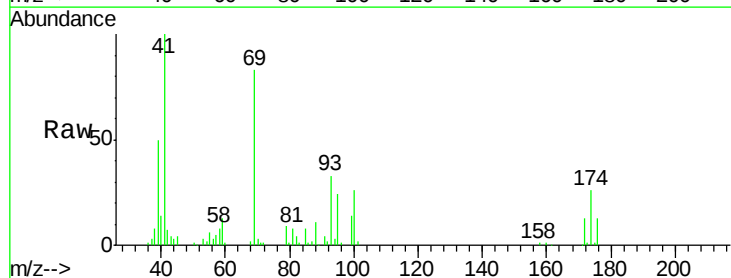
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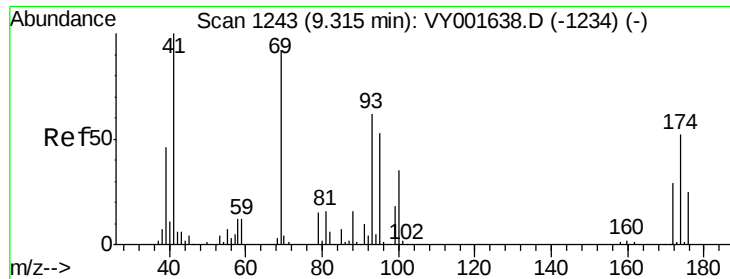
MMDadoda
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#48
Methyl methacrylate
Concen: 19.056 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	32784		
69	85.9		70.7	106.1
39	52.8		42.2	63.2





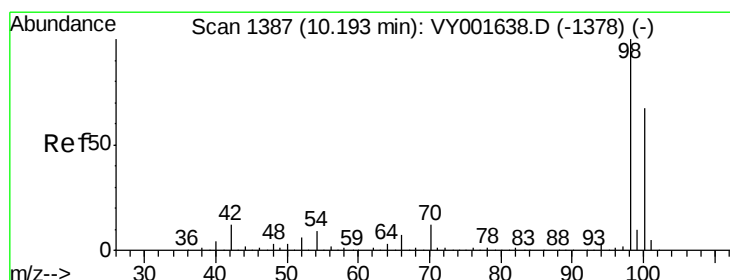
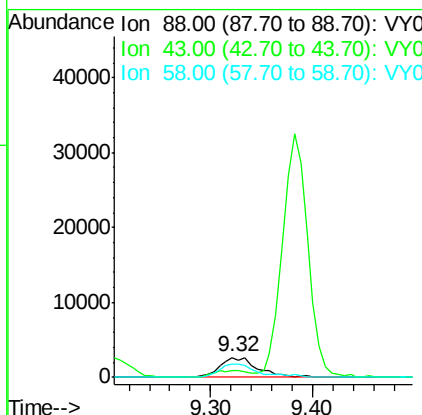
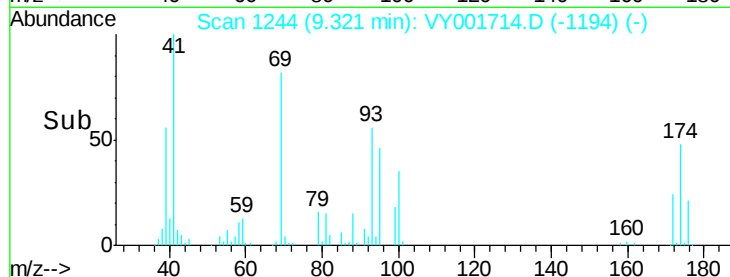
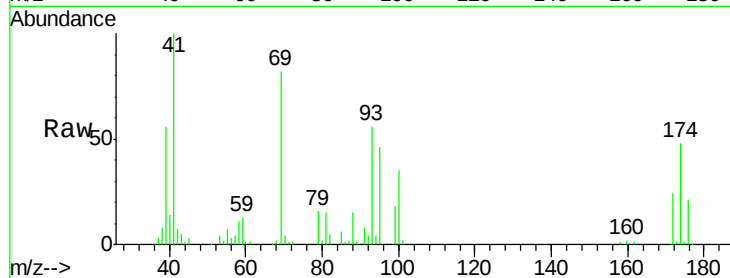
#49
1,4-Dioxane
Concen: 377.282 ug/l
RT: 9.32 min Scan# 1244
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	23.1	34.7
58	73.3	58.1	87.1

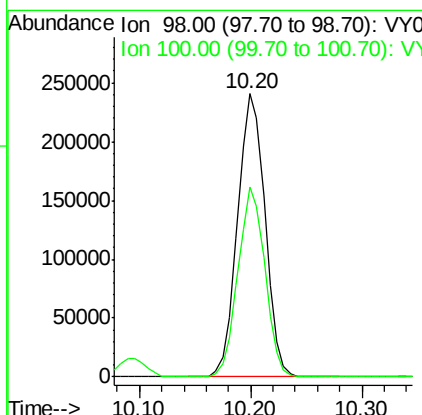
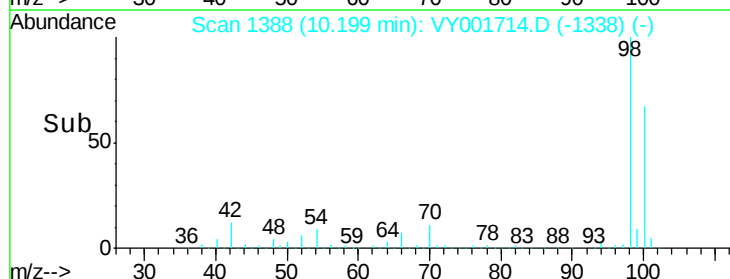
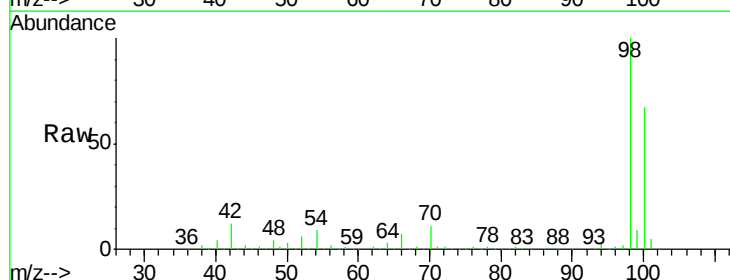
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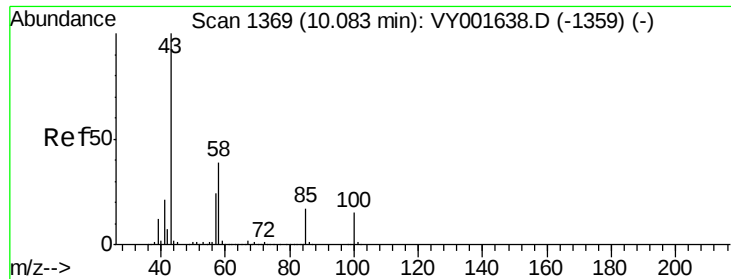
MMDadoda
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#50
Toluene-d8
Concen: 52.016 ug/l
RT: 10.20 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.4





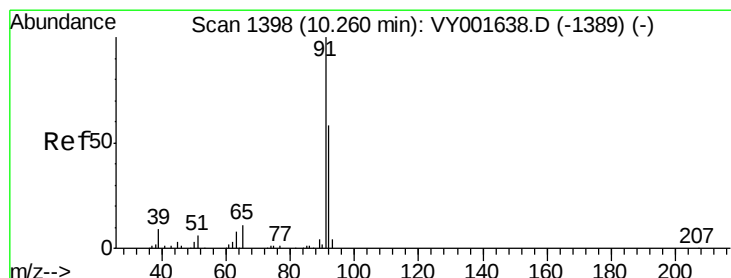
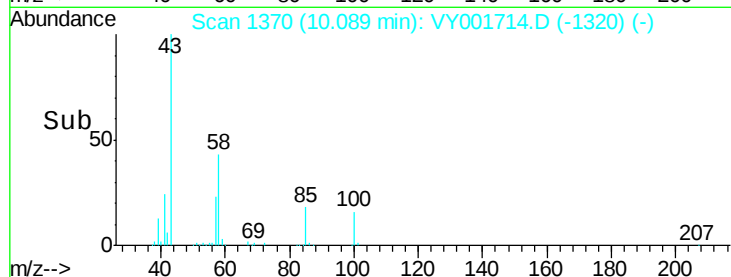
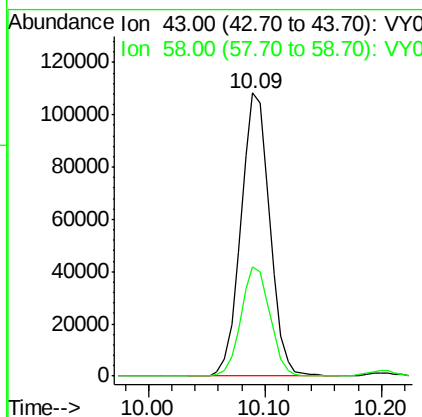
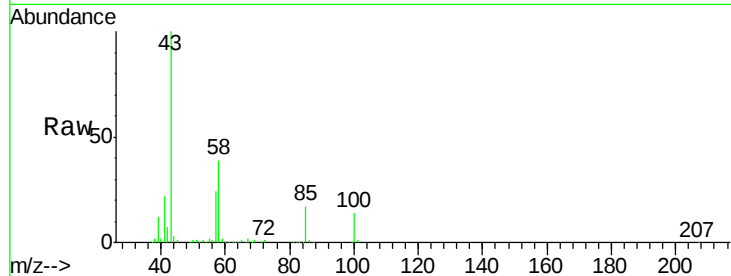
#51
4-Methyl-2-Pentanone
Concen: 95.838 ug/l
RT: 10.09 min Scan# 1370
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	43	Resp	187315
Ion Ratio	100	Lower	Upper
58	39.1	32.2	48.4

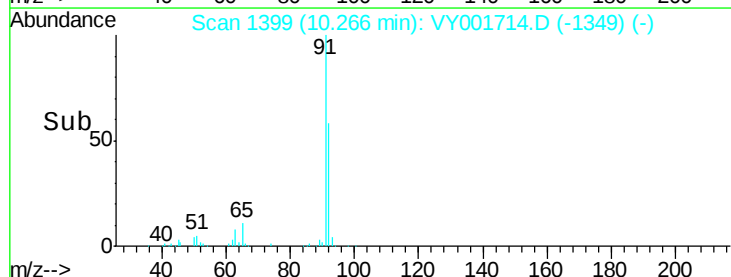
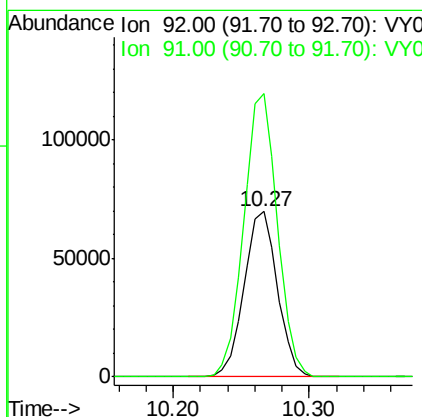
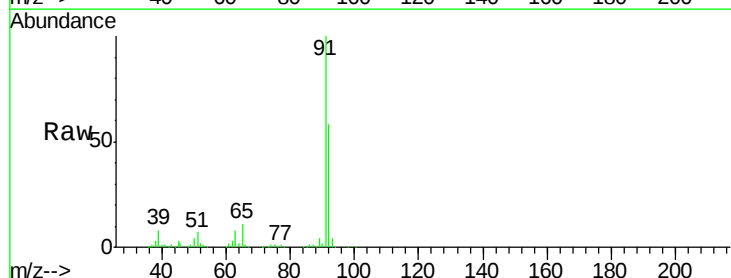
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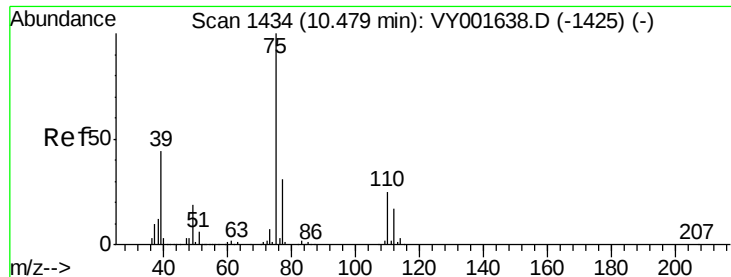
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#52
Toluene
Concen: 19.419 ug/l
RT: 10.27 min Scan# 1399
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	92	Resp	119671
Ion Ratio	100	Lower	Upper
91	172.1	137.0	205.6





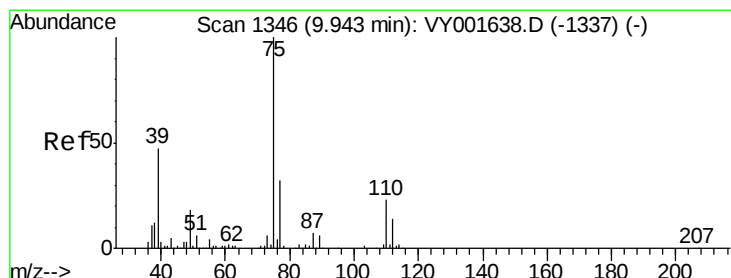
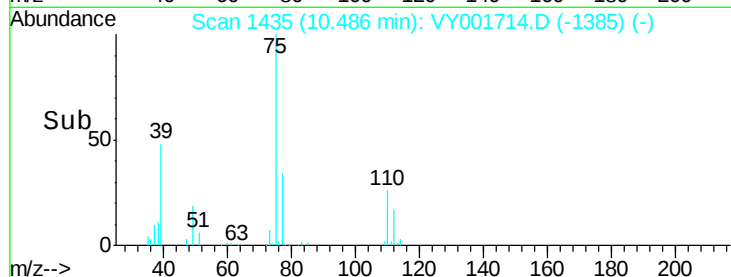
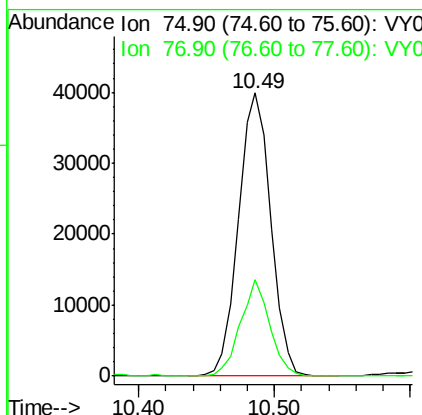
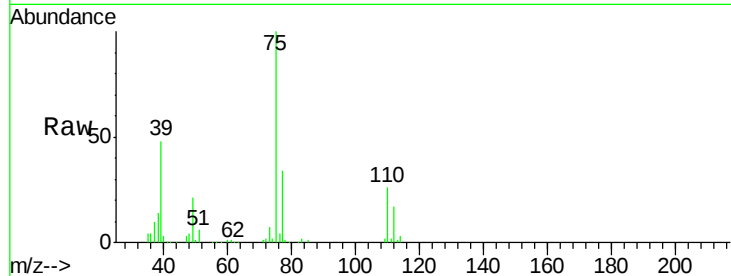
#53
t-1,3-Dichloropropene
Concen: 19.151 ug/l
RT: 10.49 min Scan# 1435
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion: 75 Resp: 66127
Ion Ratio Lower Upper
75 100
77 34.2 25.2 37.8

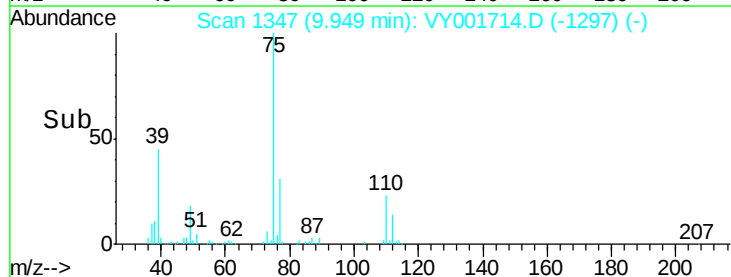
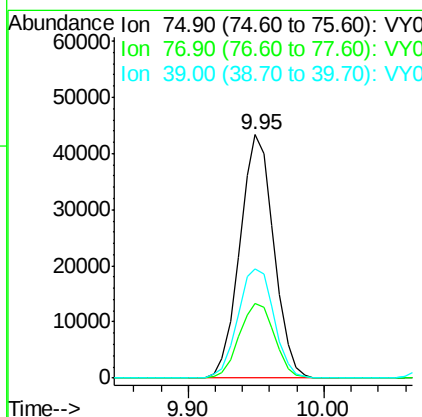
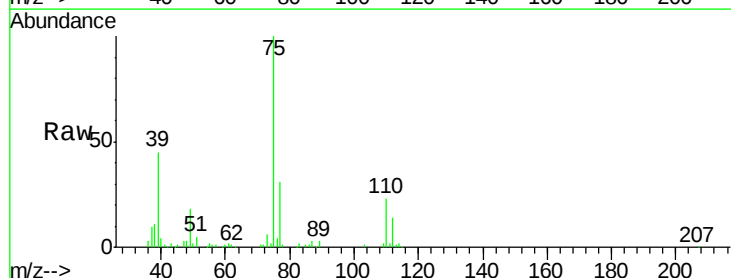
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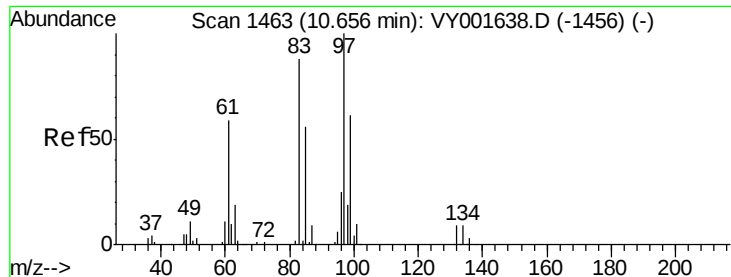
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#54
cis-1,3-Dichloropropene
Concen: 18.996 ug/l
RT: 9.95 min Scan# 1347
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion: 75 Resp: 75489
Ion Ratio Lower Upper
75 100
77 30.8 25.7 38.5
39 44.8 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 19.190 ug/l

RT: 10.66 min Scan# 1464

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 97 Resp: 36618

Ion Ratio Lower Upper

97 100

83 86.6 69.7 104.5

85 57.0 44.5 66.7

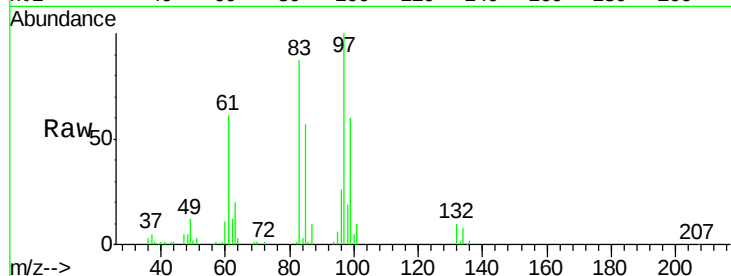
99 60.1 49.6 74.4

Manual Integrations

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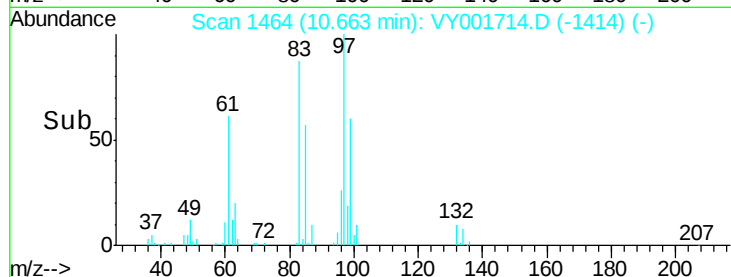
Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Time-->



Abundance

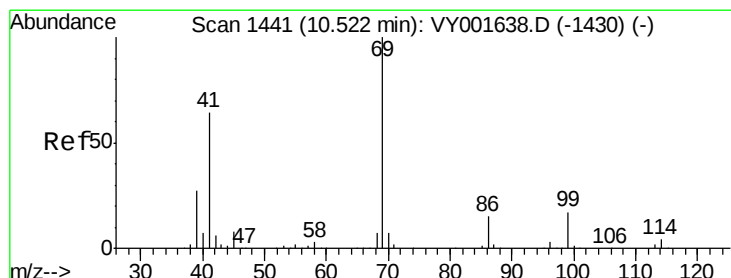
Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Time-->



#56

Ethyl methacrylate

Concen: 19.017 ug/l

RT: 10.53 min Scan# 1442

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

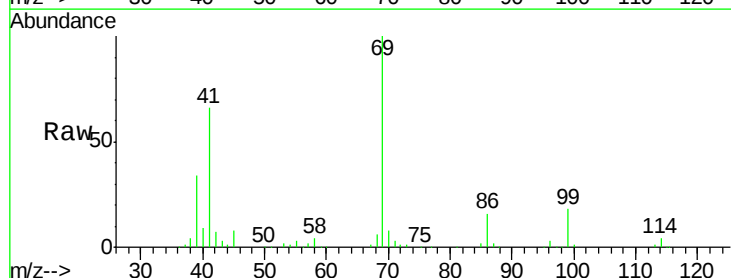
Tgt Ion: 69 Resp: 54440

Ion Ratio Lower Upper

69 100

41 66.5 51.0 76.4

39 32.8 24.7 37.1

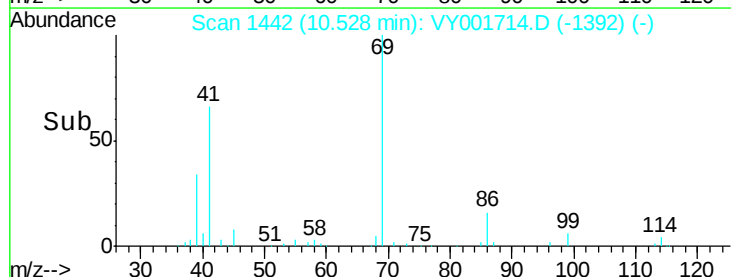


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Time-->



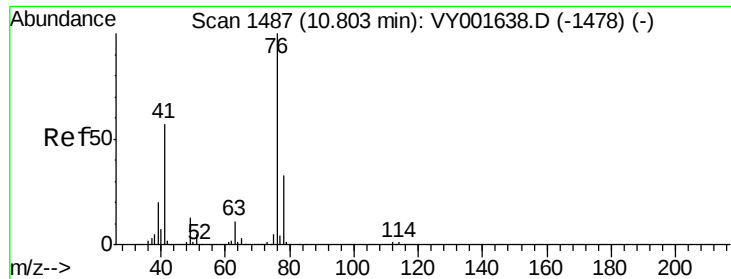
Abundance

Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Time-->



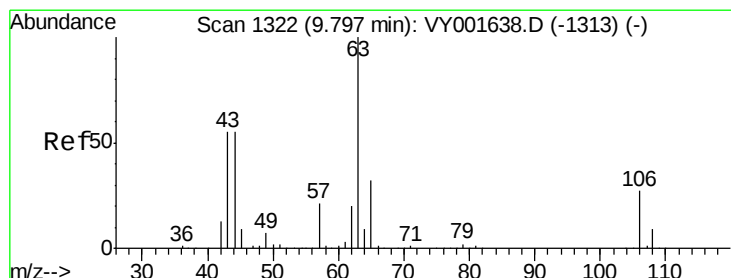
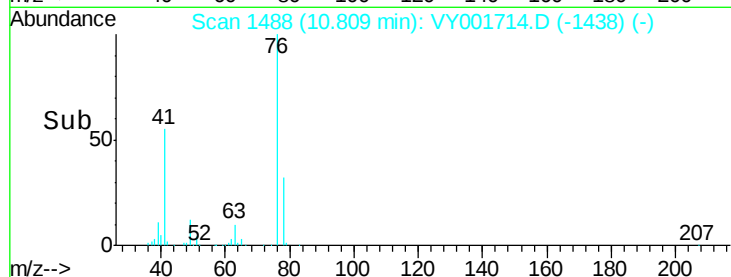
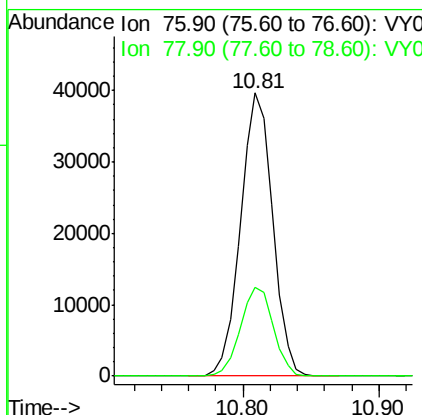
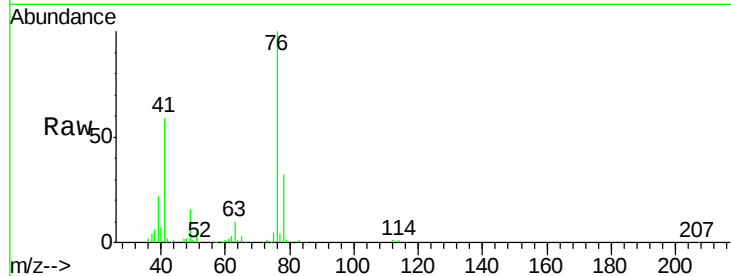
#57
 1,3-Dichloropropane
 Concen: 19.294 ug/l
 RT: 10.81 min Scan# 1488
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion: 76 Resp: 65417
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

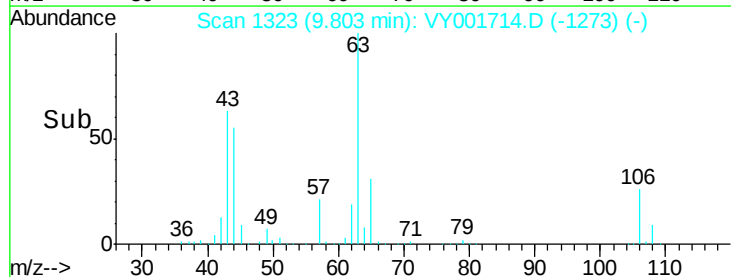
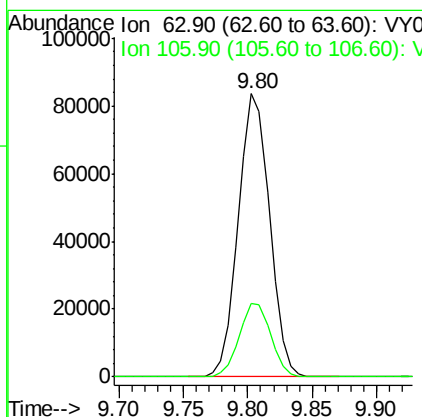
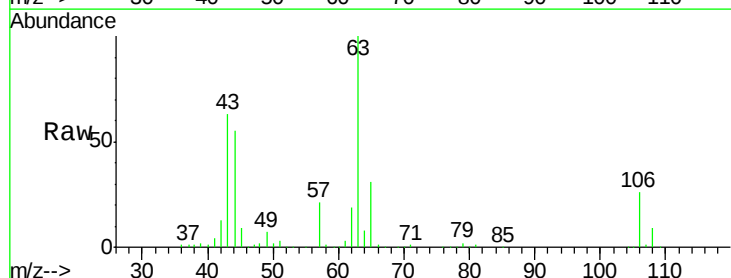
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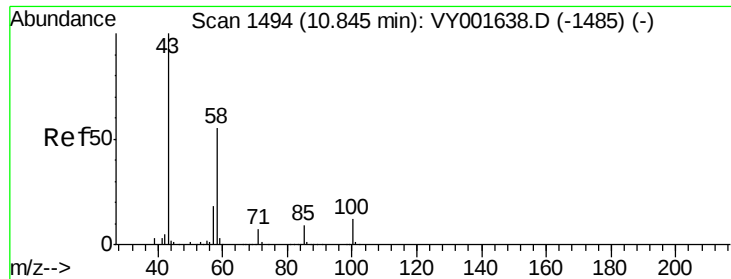
MMDadoda
 2/21/2020 3:23:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 120.599 ug/l
 RT: 9.80 min Scan# 1323
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion: 63 Resp: 140490
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.6 32.4





#59

2-Hexanone

Concen: 92.403 ug/l

RT: 10.85 min Scan# 1495

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 43 Resp: 135509

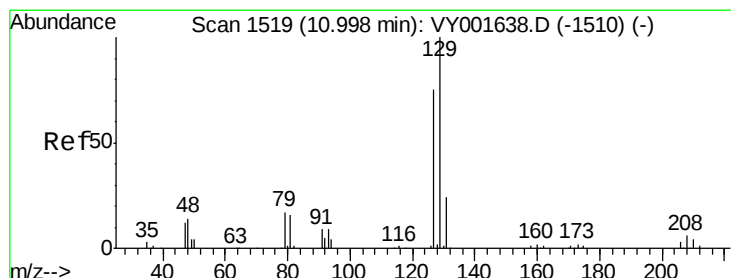
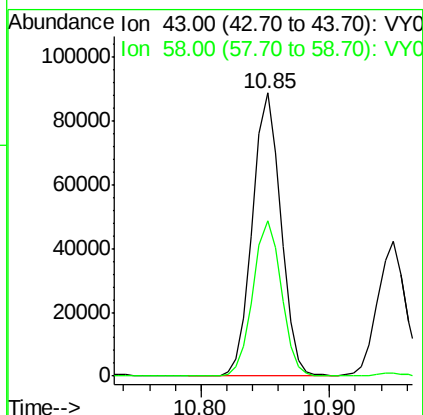
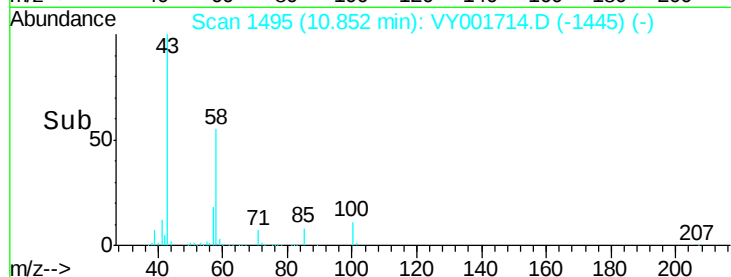
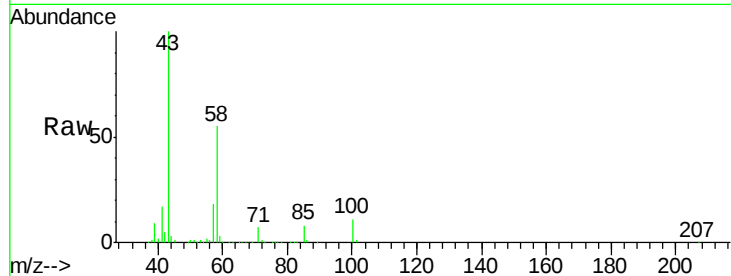
Ion Ratio Lower Upper

43 100

58 55.1 28.4 85.2

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#60

Dibromochloromethane

Concen: 18.847 ug/l

RT: 11.00 min Scan# 1520

Delta R.T. 0.01 min

Lab File: VY001714.D

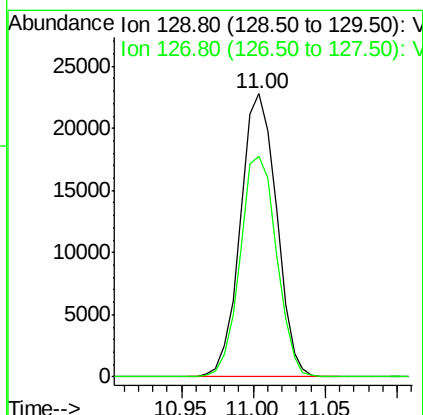
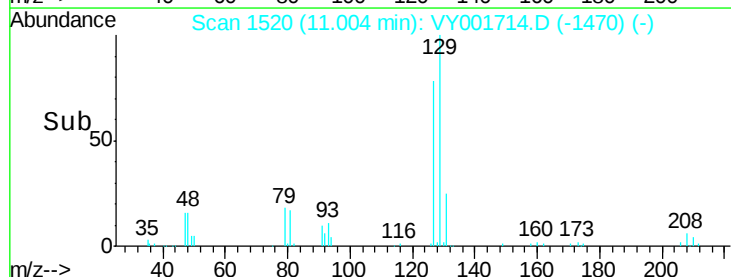
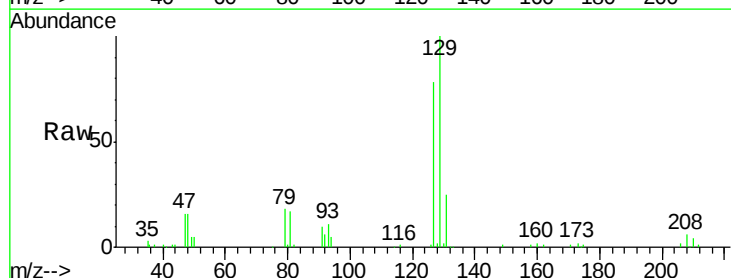
Acq: 20 Feb 2020 11:31

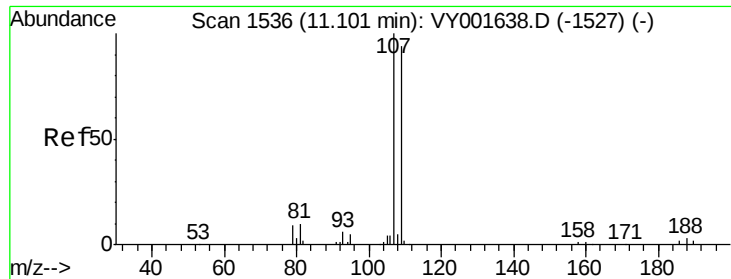
Tgt Ion: 129 Resp: 39650

Ion Ratio Lower Upper

129 100

127 78.5 38.9 116.6





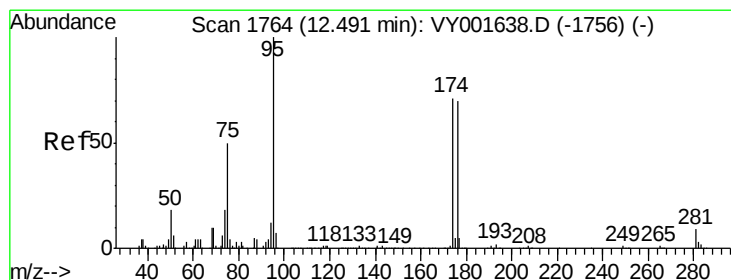
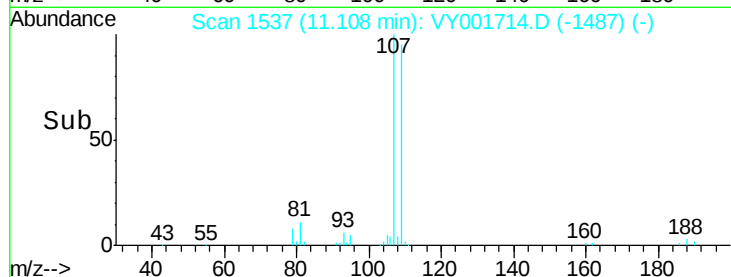
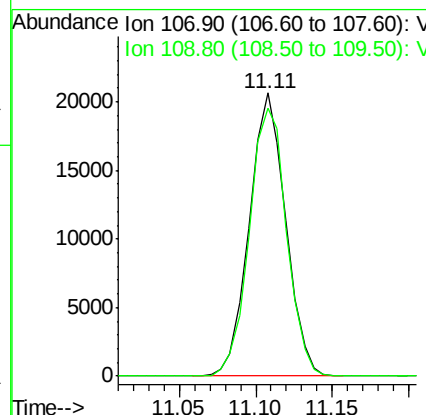
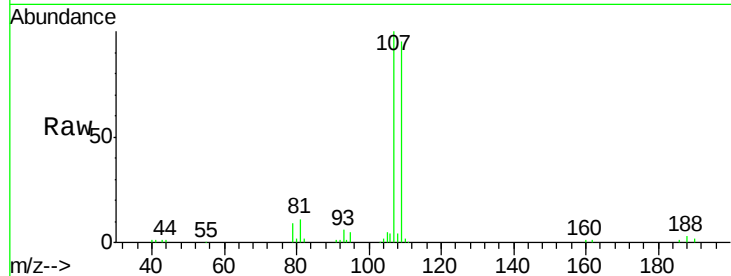
#61
 1,2-Dibromoethane
 Concen: 18.896 ug/l
 RT: 11.11 min Scan# 1537
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	74.2	111.4

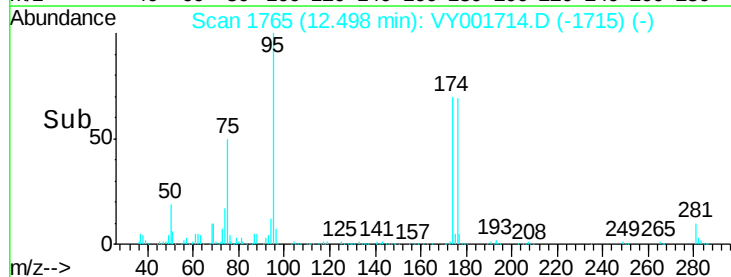
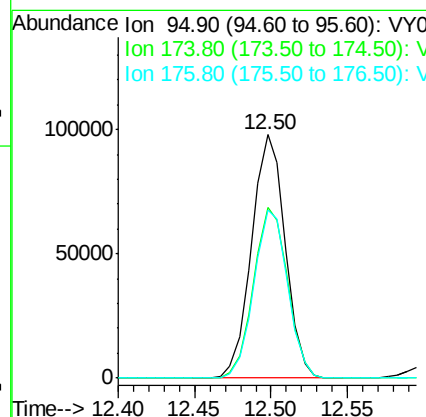
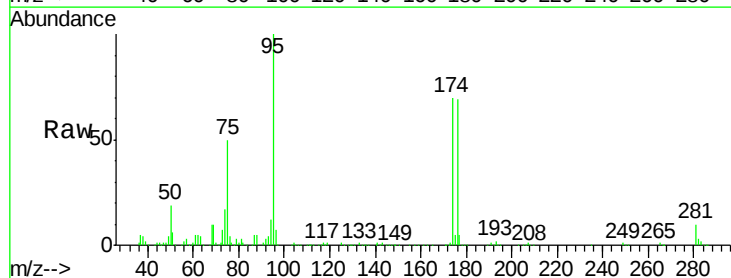
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#62
 4-Bromofluorobenzene
 Concen: 48.773 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	138.4
176	69.6	0.0	131.8





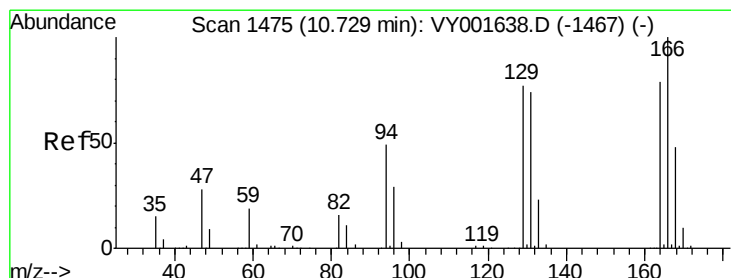
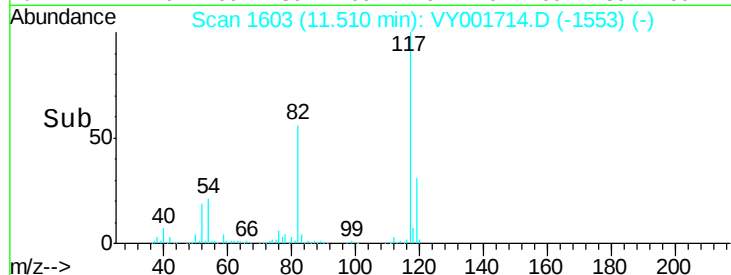
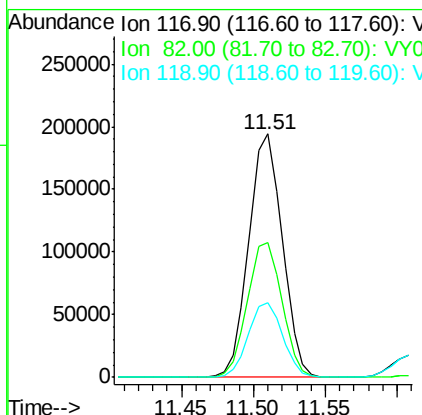
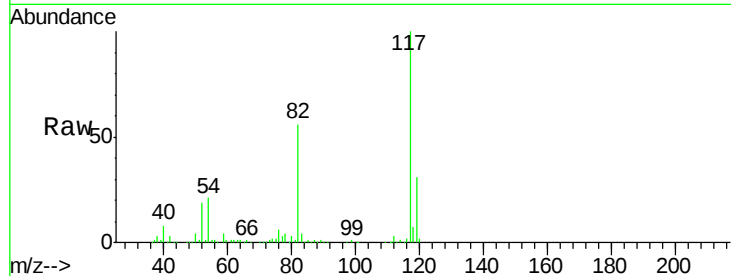
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	312720		
82	55.6	45.5	68.3	
119	30.9	25.8	38.6	

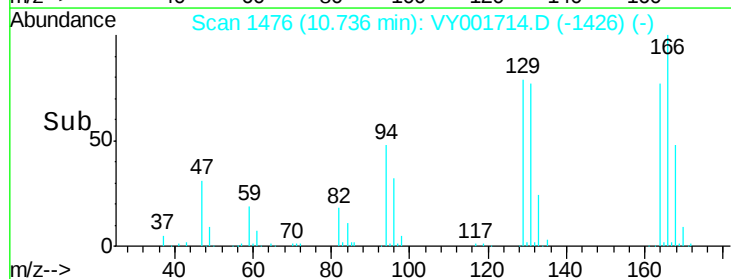
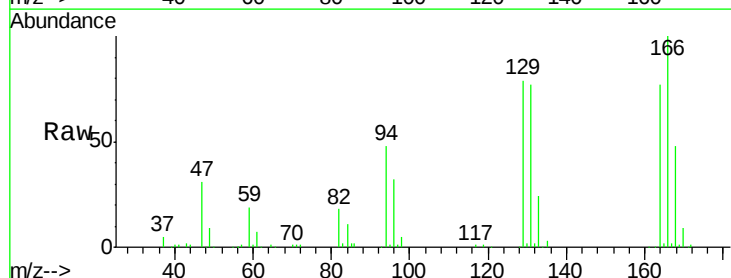
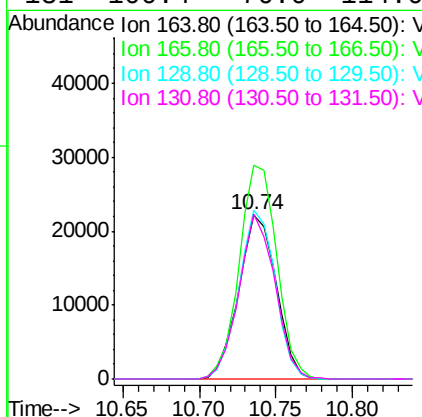
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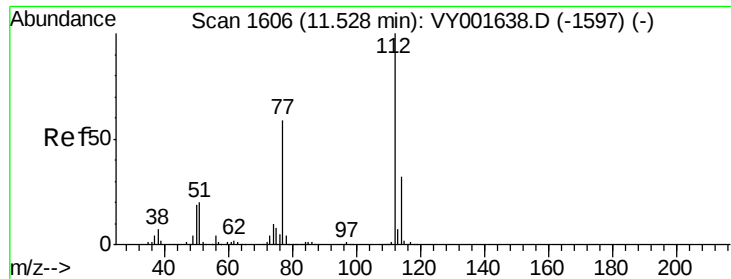
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#64
Tetrachloroethene
Concen: 19.275 ug/l
RT: 10.74 min Scan# 1476
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37840		
166	130.3	101.4	152.0	
129	102.9	78.7	118.1	
131	100.4	76.0	114.0	





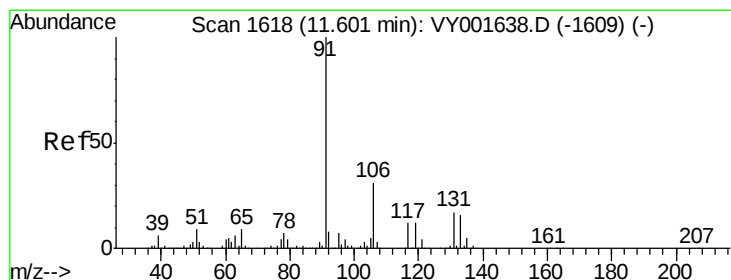
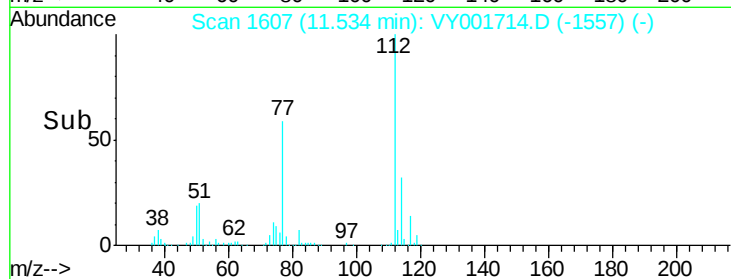
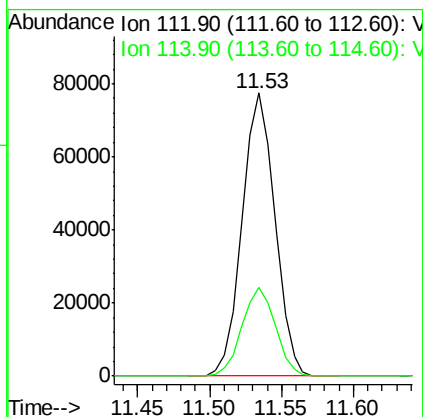
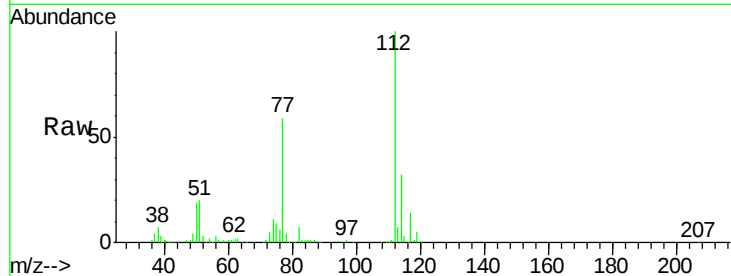
#65
Chlorobenzene
Concen: 19.578 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.4	38.2

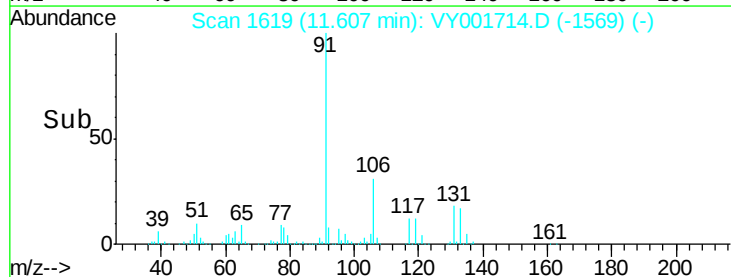
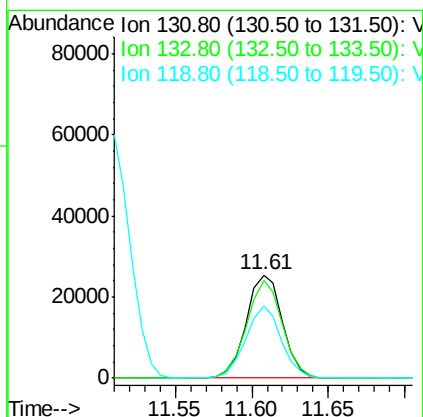
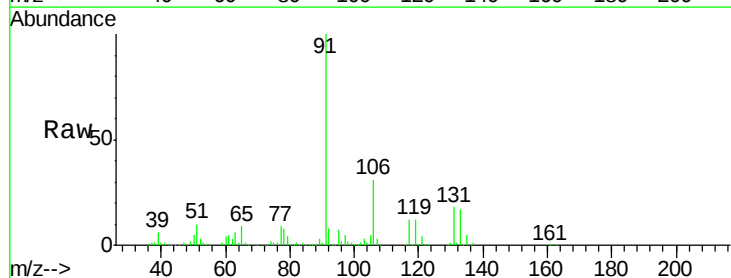
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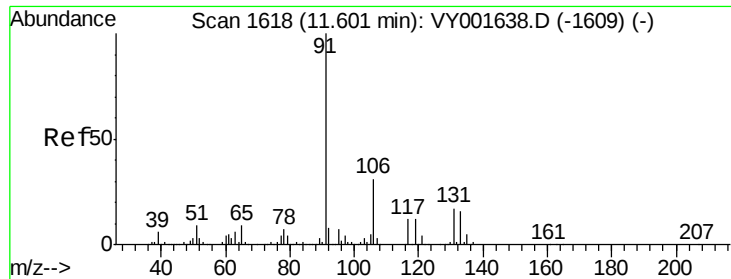
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.863 ug/l
RT: 11.61 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	47.4	142.2
119	68.0	34.4	103.1





#67

Ethyl Benzene

Concen: 19.688 ug/l

RT: 11.61 min Scan# 1619

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0220SBS01

Tot Ion: 91 Resp: 228114

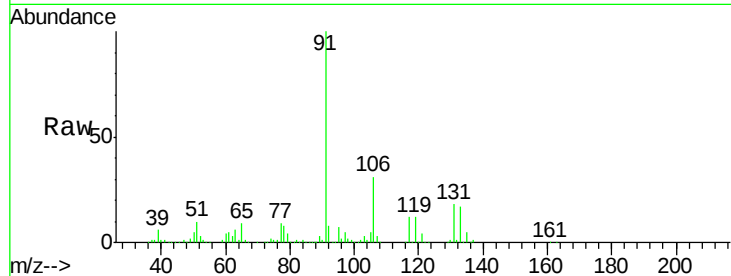
Ion Ratio Lower Upper

91 100

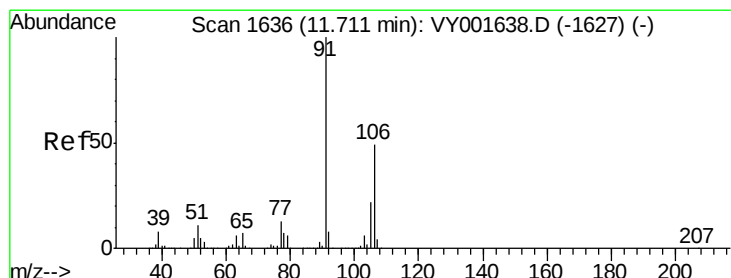
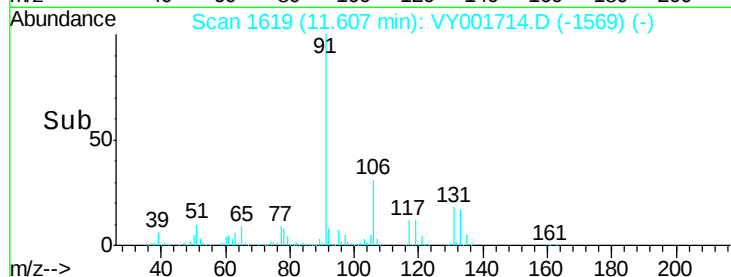
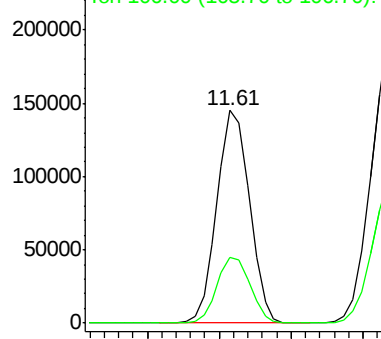
106 30.8 24.5 36.7

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Abundance Ion 91.00 (90.70 to 91.70): VY001638.D (-1609) (-)



#68

m/p-Xylenes

Concen: 39.873 ug/l

RT: 11.72 min Scan# 1637

Delta R.T. 0.01 min

Lab File: VY001714.D

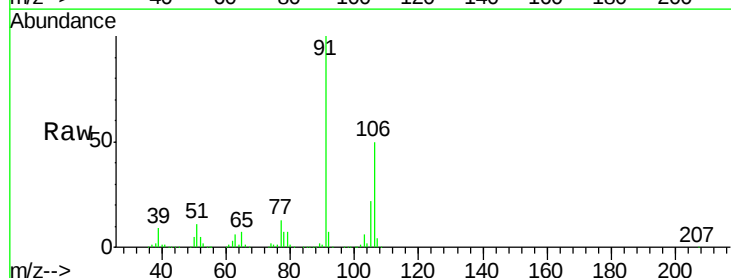
Acq: 20 Feb 2020 11:31

Tgt Ion: 106 Resp: 172569

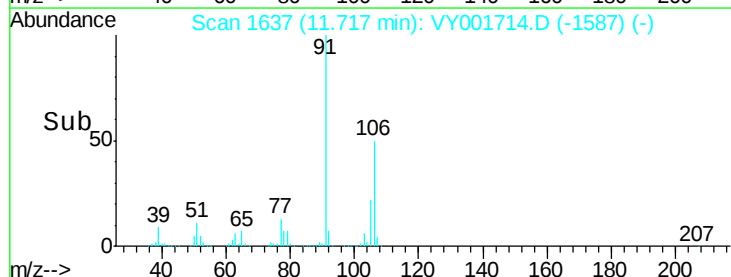
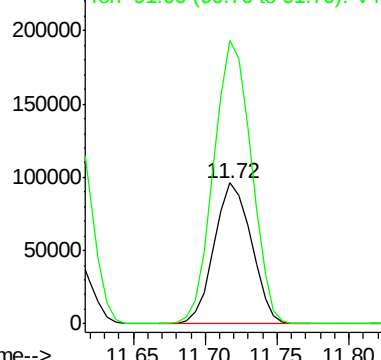
Ion Ratio Lower Upper

106 100

91 203.0 163.3 244.9



Abundance Ion 106.00 (105.70 to 106.70): VY001638.D (-1627) (-)





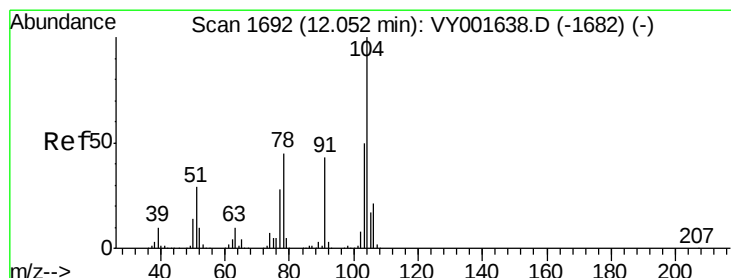
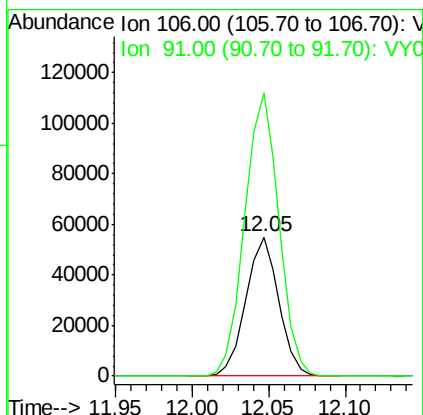
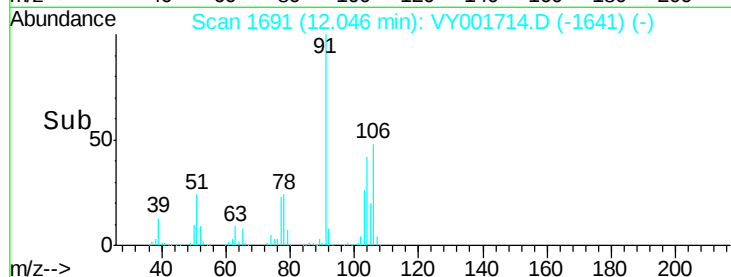
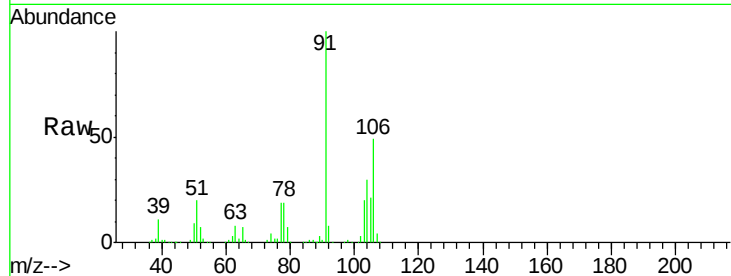
#69
o-Xylene
Concen: 20.017 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion:106 Resp: 82362
Ion Ratio Lower Upper
106 100
91 210.5 108.3 324.9

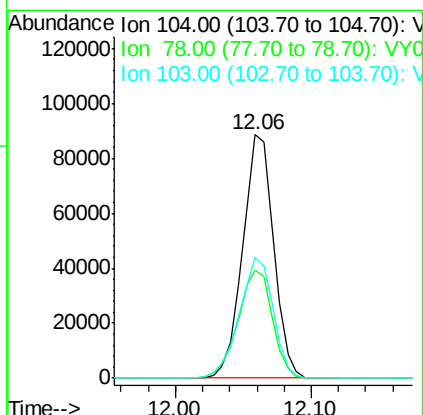
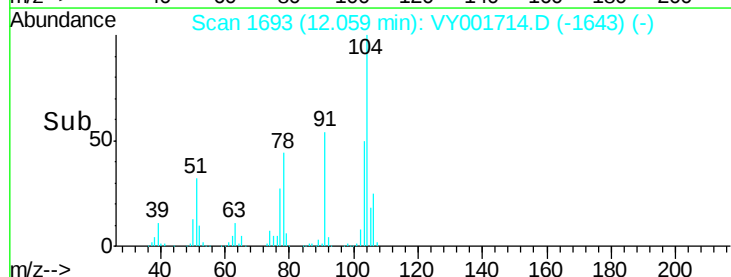
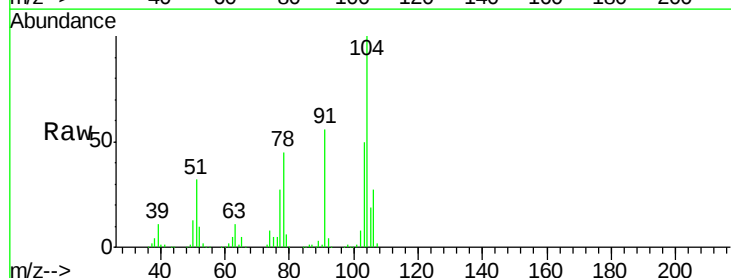
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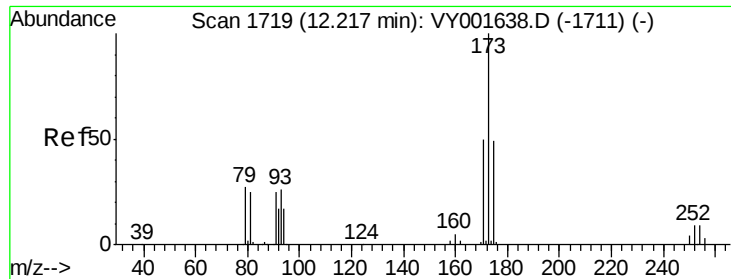
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#70
Styrene
Concen: 19.720 ug/l
RT: 12.06 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion:104 Resp: 141013
Ion Ratio Lower Upper
104 100
78 49.3 39.2 58.8
103 53.6 43.0 64.6





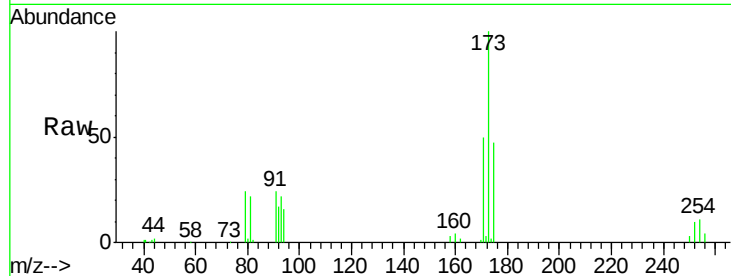
#71
Bromoform
Concen: 18.743 ug/l
RT: 12.23 min Scan# 1721
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

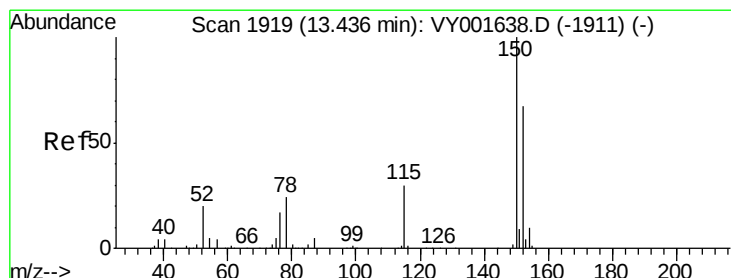
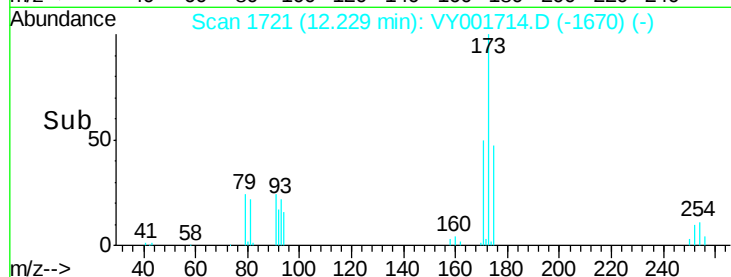
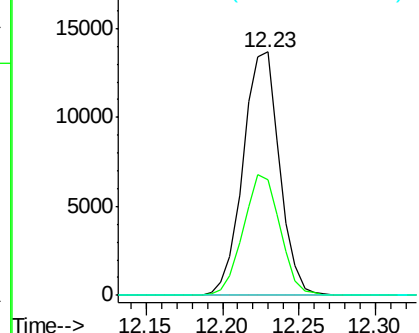
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.3	73.0
254	0.0	0.1	0.1#

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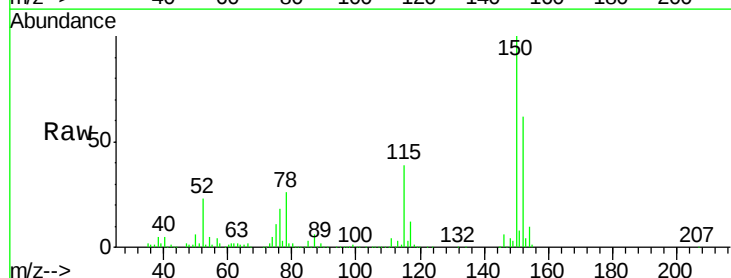


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

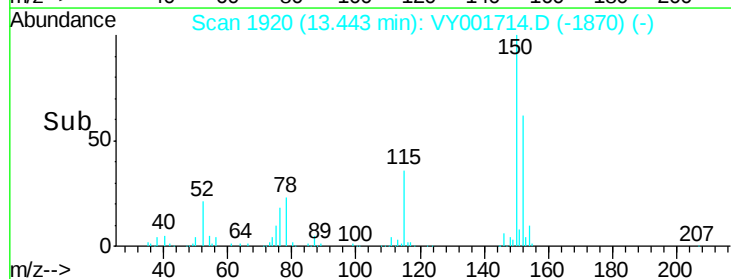
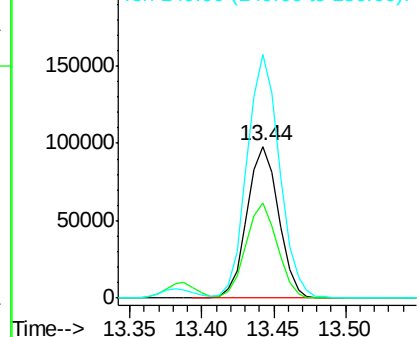


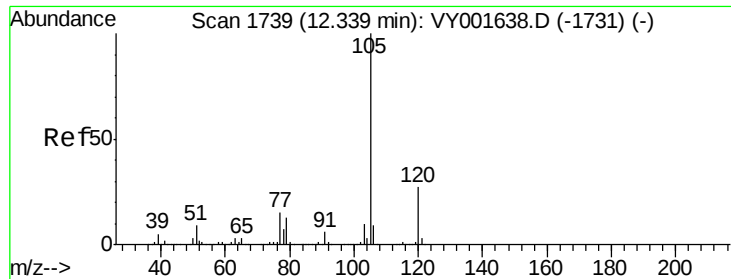
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.4	94.2
150	165.5	0.0	407.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





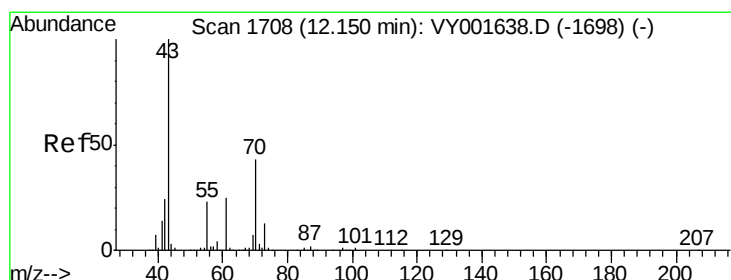
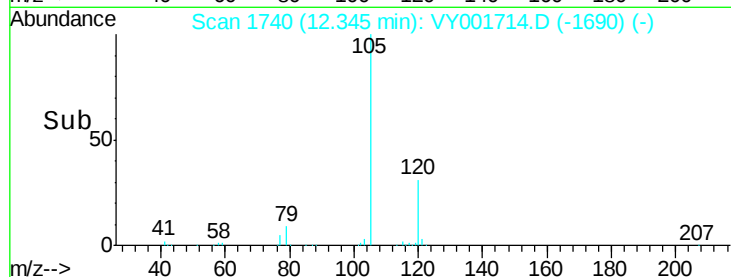
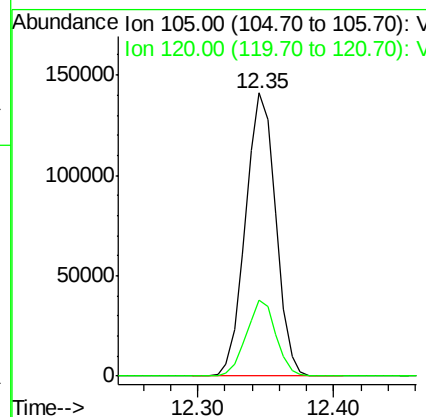
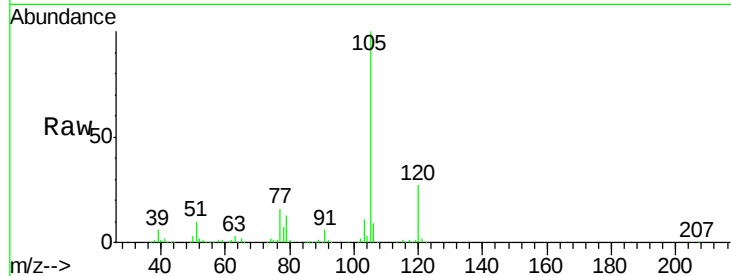
#73
Isopropylbenzene
Concen: 19.390 ug/l
RT: 12.35 min Scan# 1740
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	219090		
120	26.5		13.4	40.1

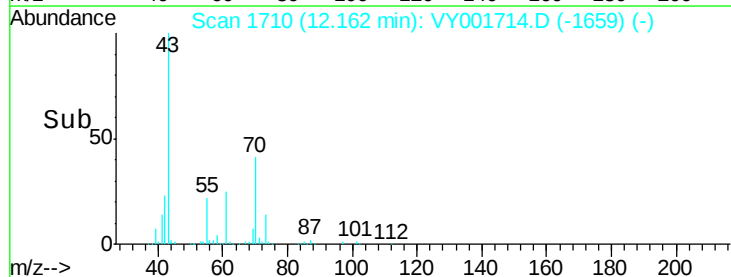
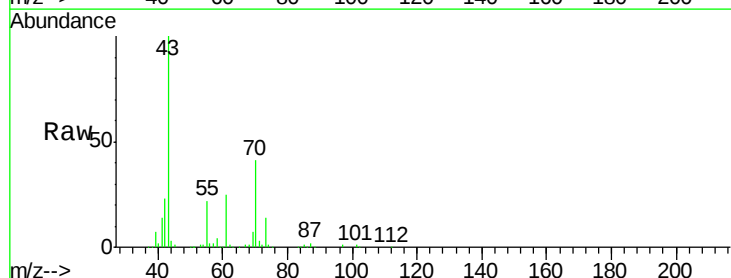
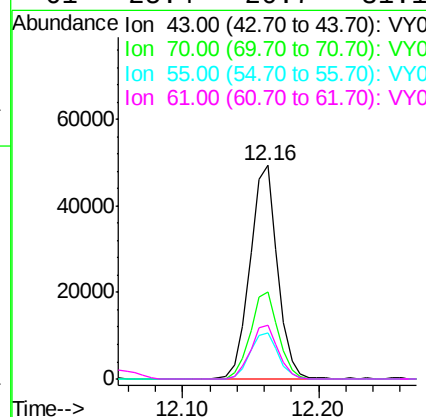
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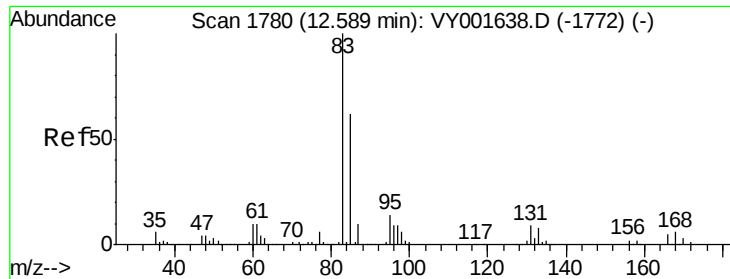
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#74
N-ethyl acetate
Concen: 19.299 ug/l
RT: 12.16 min Scan# 1710
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	69594		
70	41.9		35.9	53.9
55	22.5		18.3	27.5
61	25.4		20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.053 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

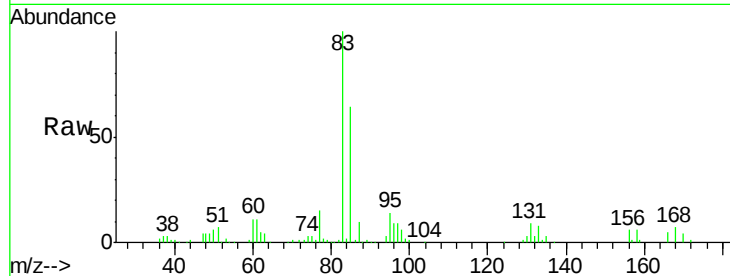
ClientSampleId :

VY0220SBS01

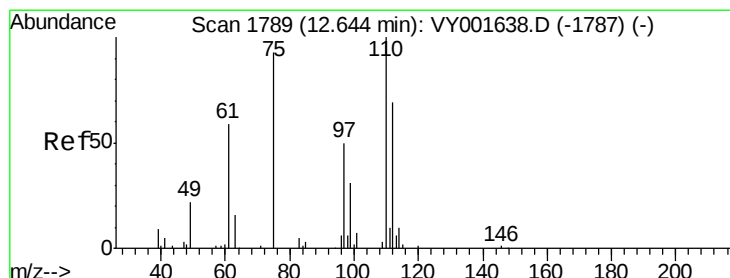
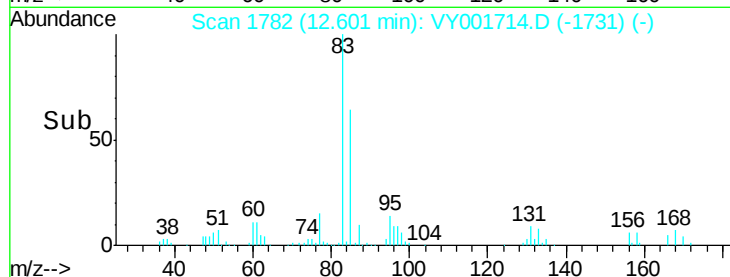
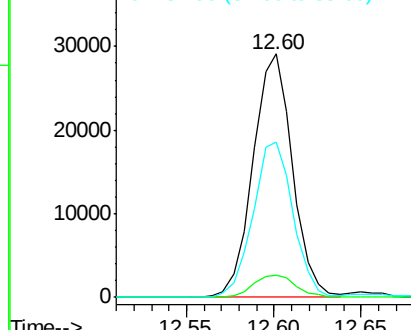
Tot Ion:	83	Resp:	45967
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.7	14.1
85	64.7	31.6	94.7

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Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 18.595 ug/l m

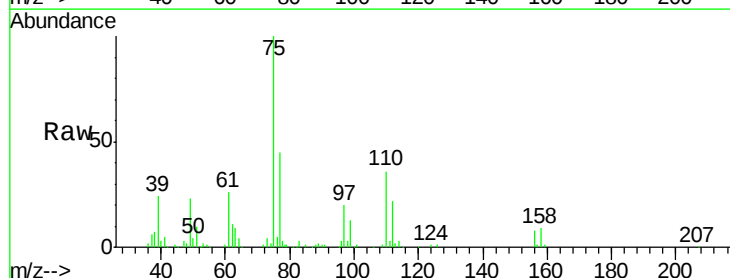
RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

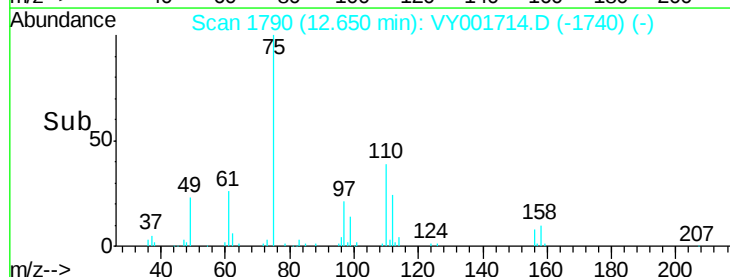
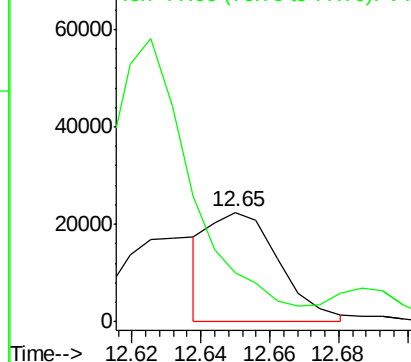
Lab File: VY001714.D

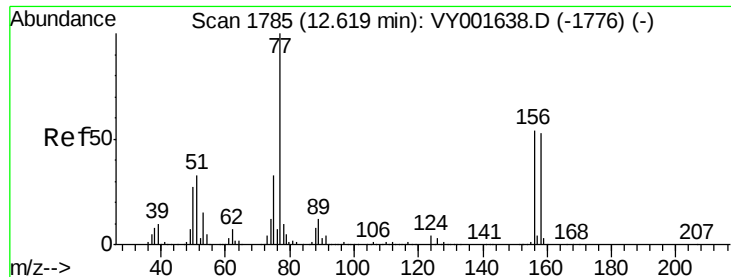
Acq: 20 Feb 2020 11:31

Tgt Ion:	75	Resp:	31638
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 19.432 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

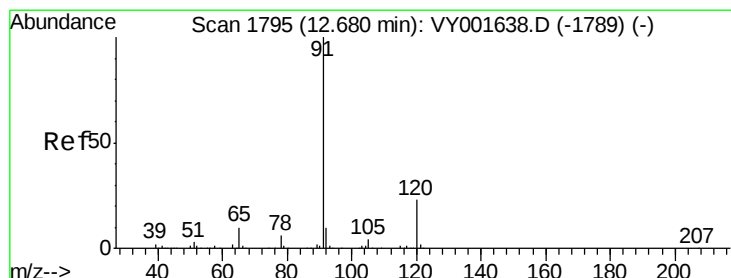
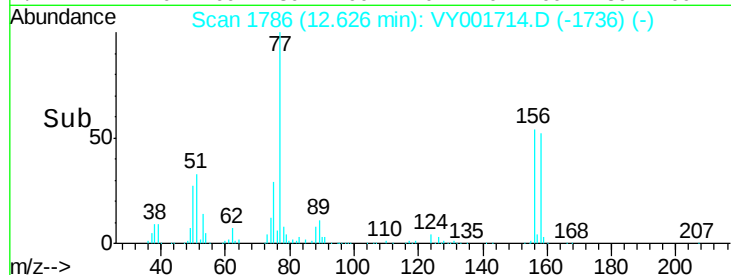
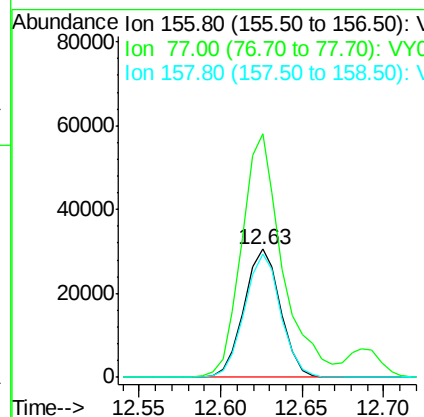
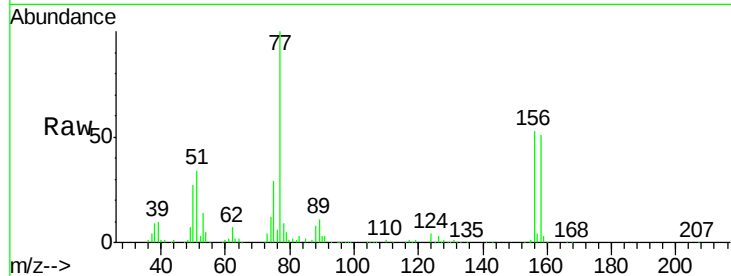
ClientSampleId :

VY0220SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	211.9	110.1	330.1
158	95.6	47.9	143.7

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#78

n-propylbenzene

Concen: 19.877 ug/l

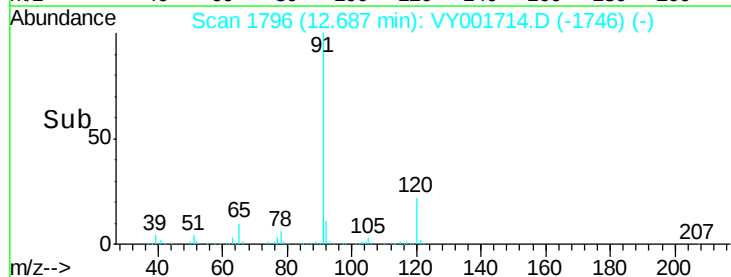
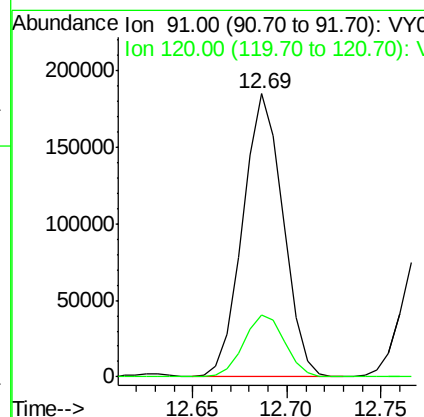
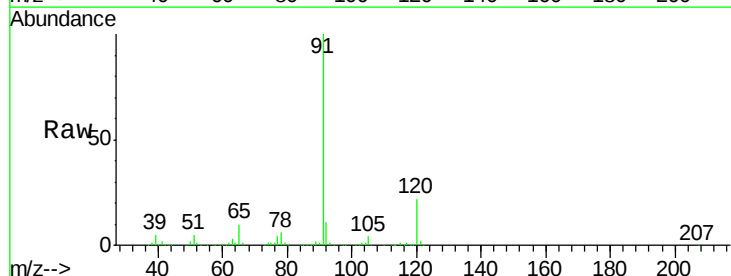
RT: 12.69 min Scan# 1796

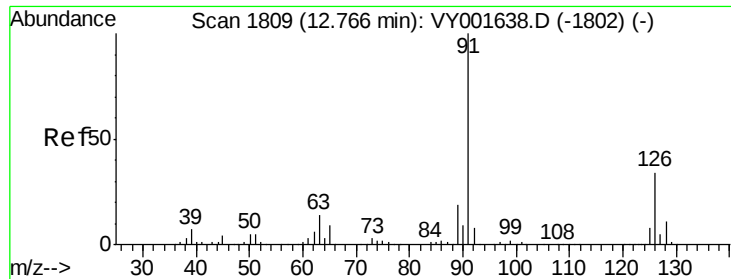
Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.1	33.1





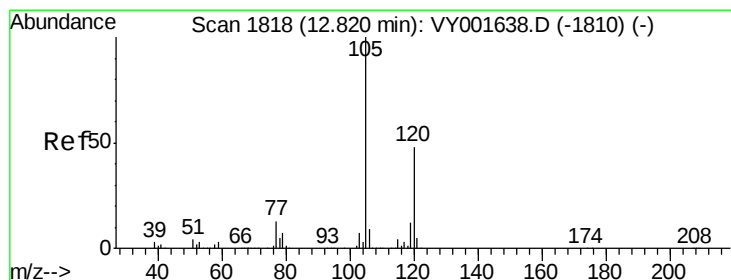
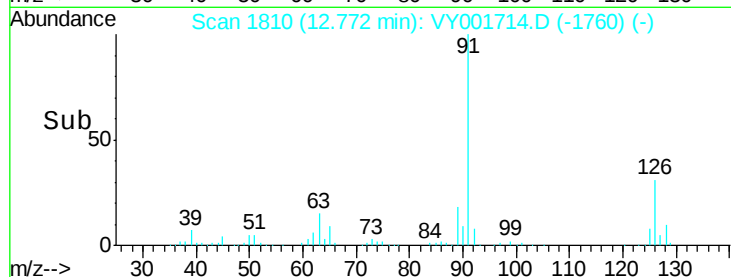
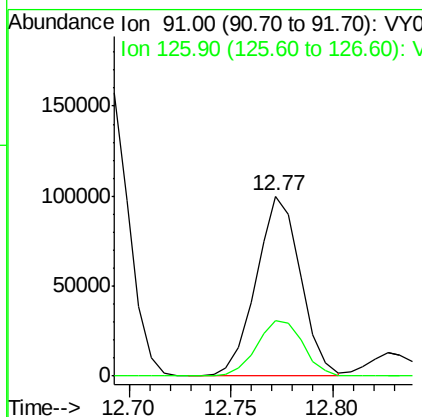
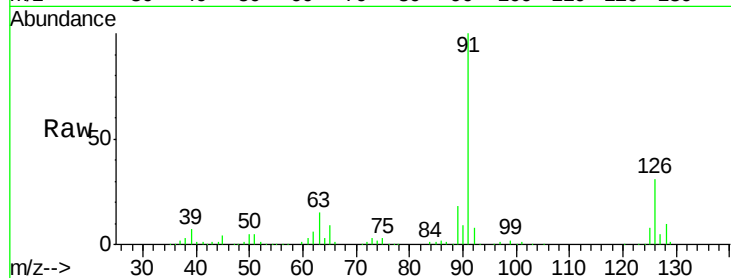
#79
 2-Chlorotoluene
 Concen: 19.586 ug/l
 RT: 12.77 min Scan# 1810
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion: 91 Resp: 151171
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.2 48.6

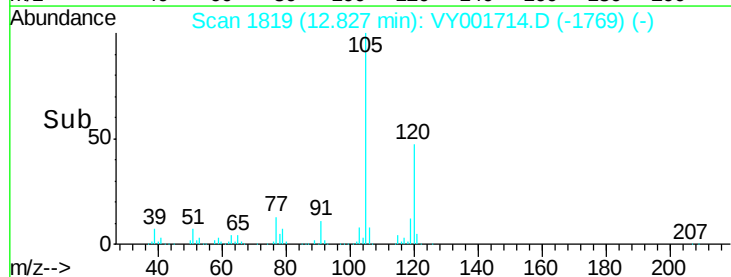
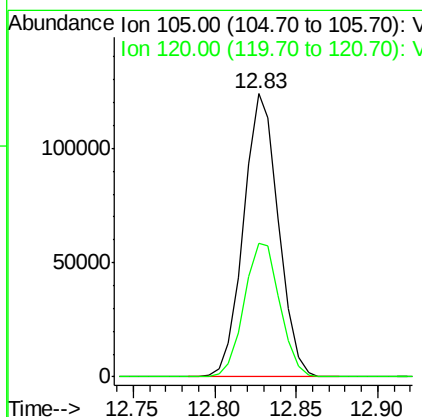
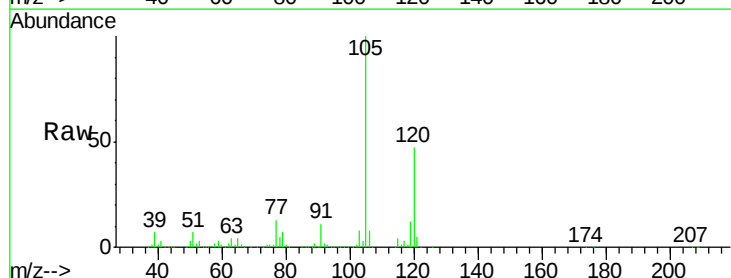
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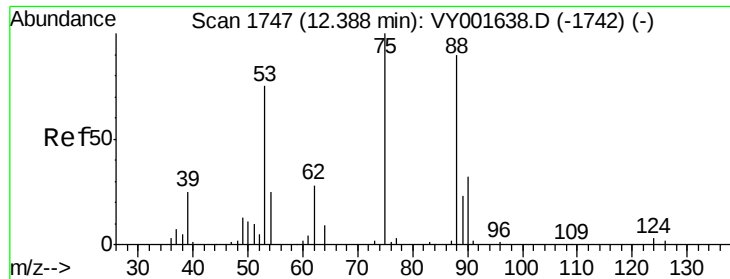
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.698 ug/l
 RT: 12.83 min Scan# 1819
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion: 105 Resp: 184238
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.9





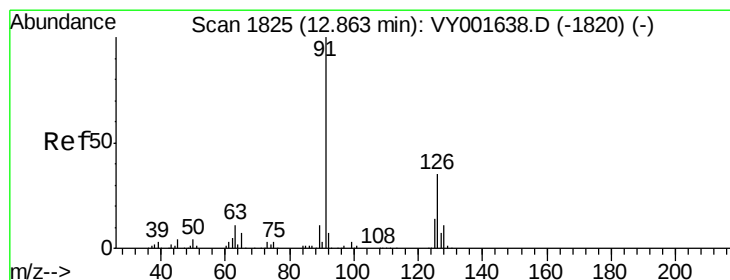
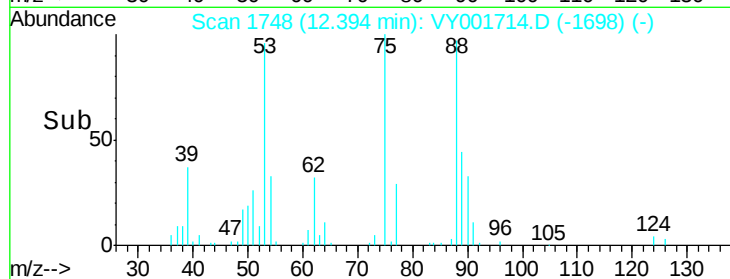
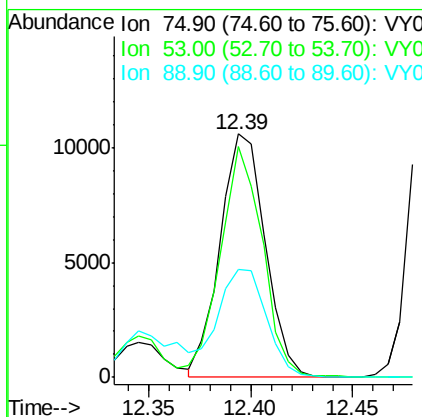
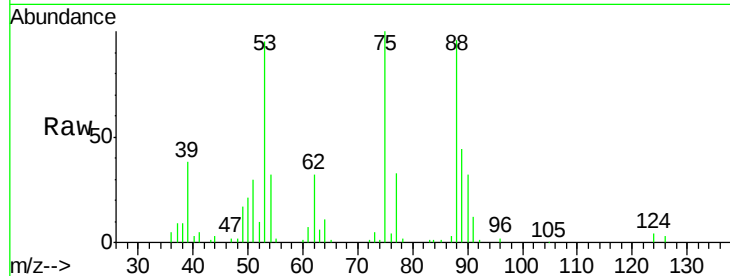
#81
trans-1,4-Dichloro-2-butene
Concen: 18.179 ug/l
RT: 12.39 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.1	64.5	96.7
89	48.6	36.3	54.5

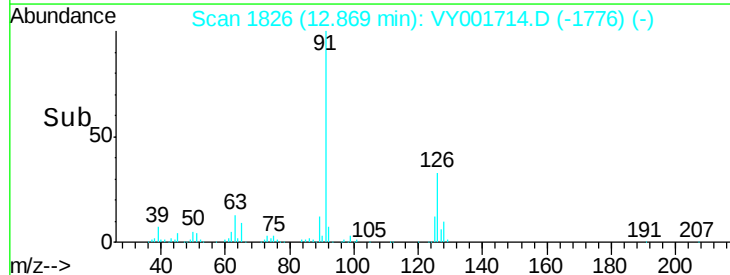
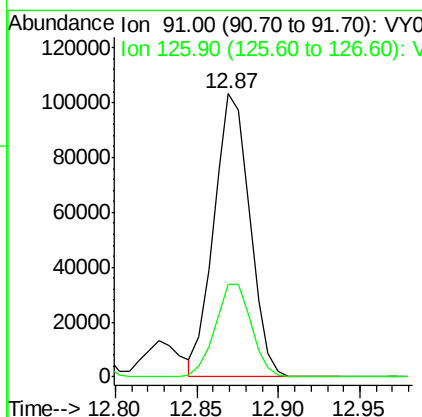
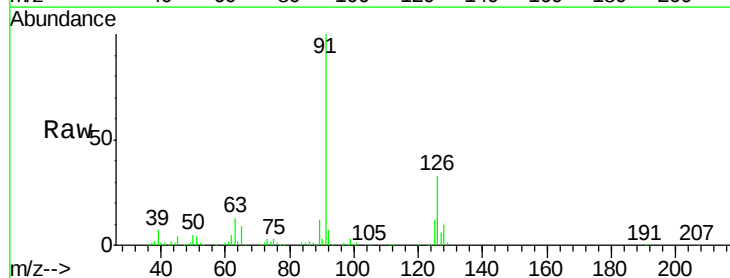
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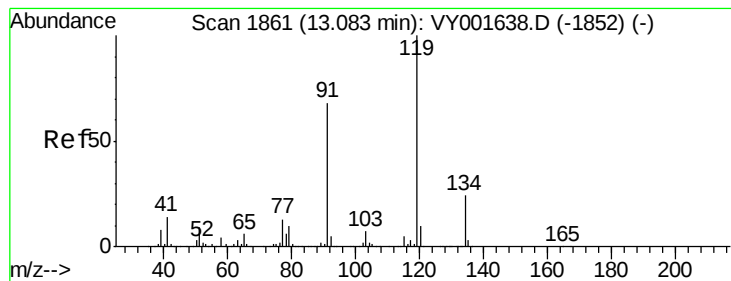
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.409 ug/l
RT: 12.87 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	16.2	48.6





#83

tert-Butylbenzene

Concen: 19.586 ug/l

RT: 13.09 min Scan# 1862

Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Instrument :

MSVOA_Y

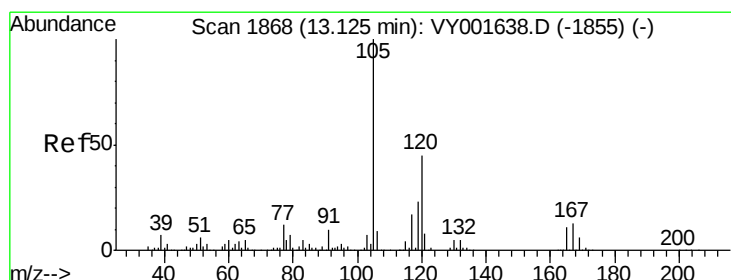
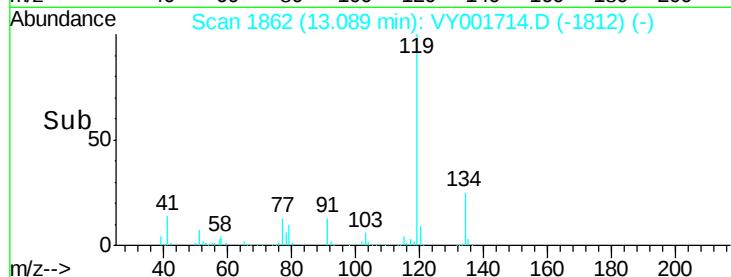
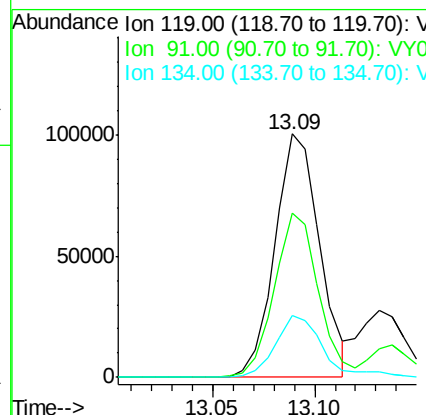
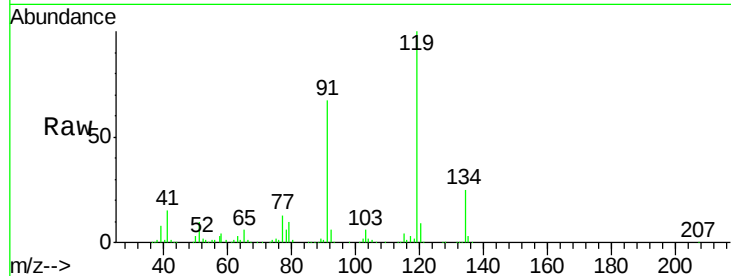
ClientSampleId :

VY0220SBS01

Tot Ion:	119	Resp:	153220
Ion Ratio	Lower	Upper	
119	100		
91	66.7	33.5	100.5
134	27.0	13.3	39.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.693 ug/l

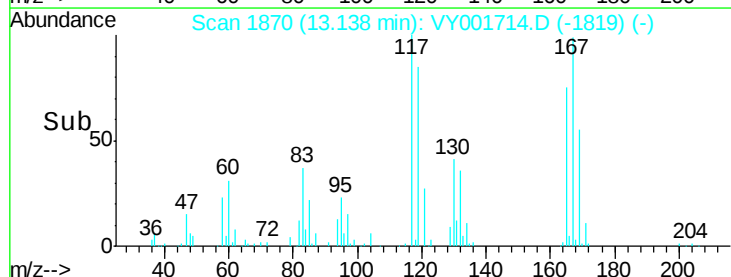
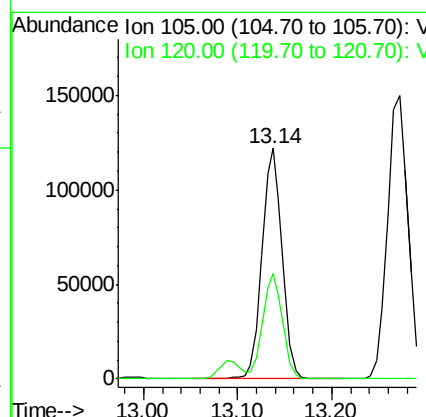
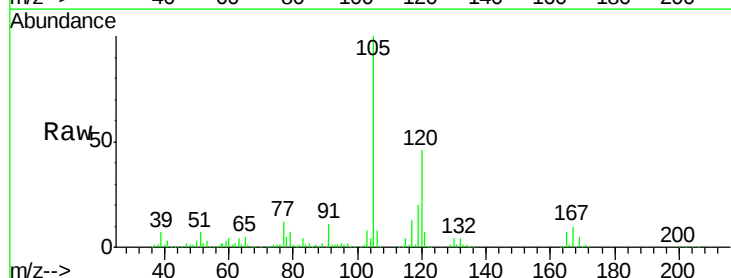
RT: 13.14 min Scan# 1870

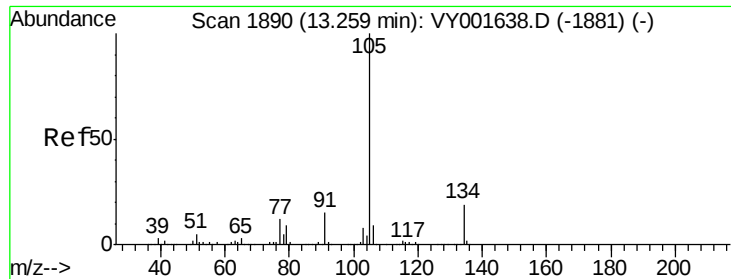
Delta R.T. 0.01 min

Lab File: VY001714.D

Acq: 20 Feb 2020 11:31

Tgt Ion:	105	Resp:	183638
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.4	67.3





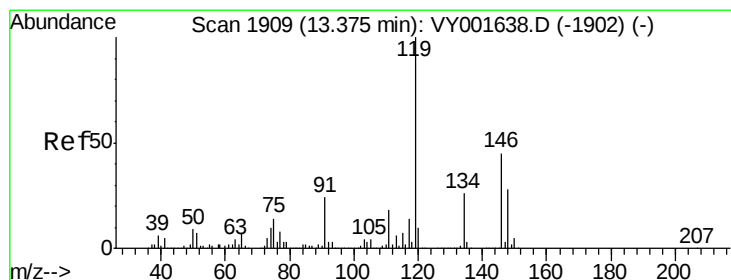
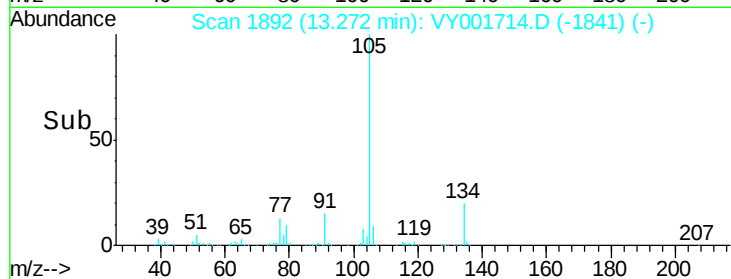
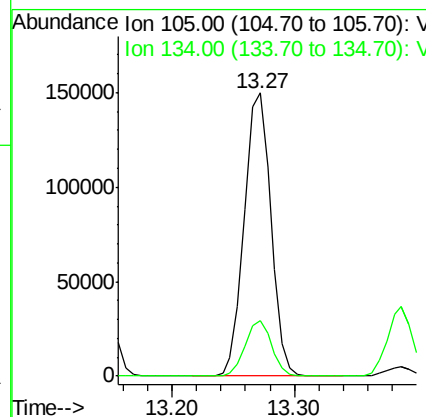
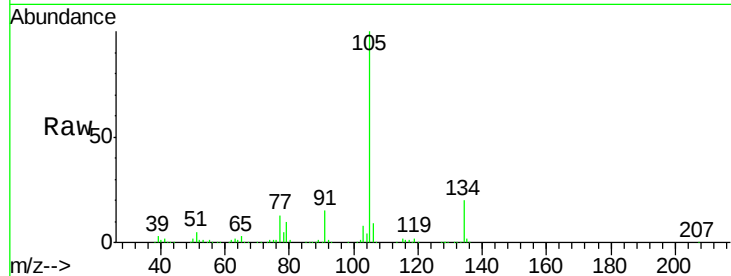
#85
 sec-Butylbenzene
 Concen: 19.703 ug/l
 RT: 13.27 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	226687		
134	19.6	9.8	29.3	

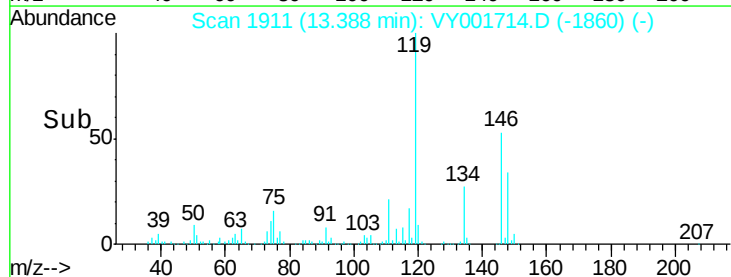
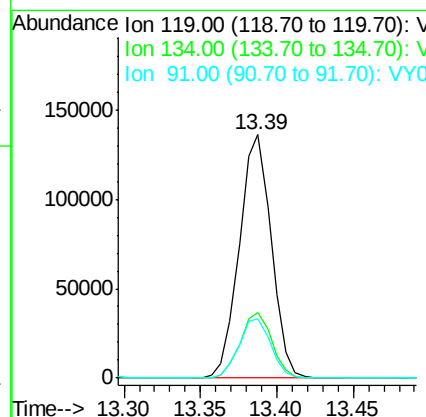
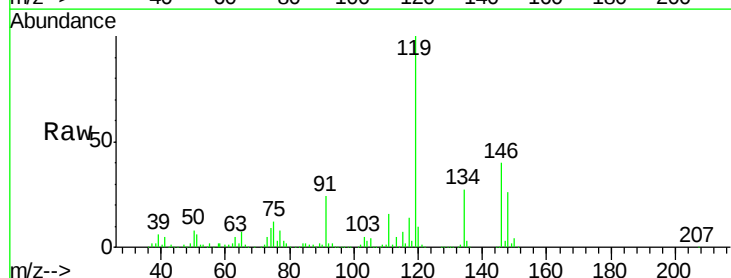
Manual Integrations
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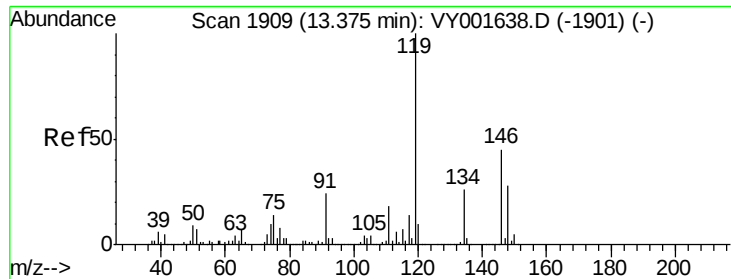
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#86
 p-Isopropyltoluene
 Concen: 19.723 ug/l
 RT: 13.39 min Scan# 1911
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	197129		
134	26.7	13.0	39.0	
91	24.5	12.2	36.6	





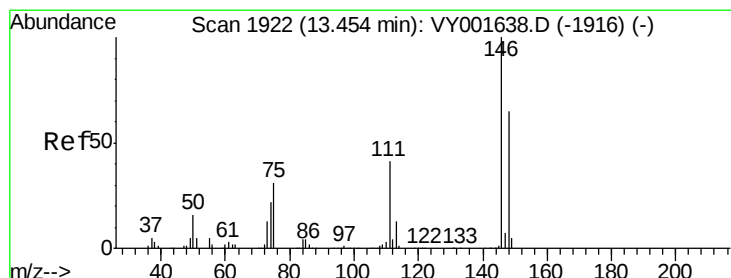
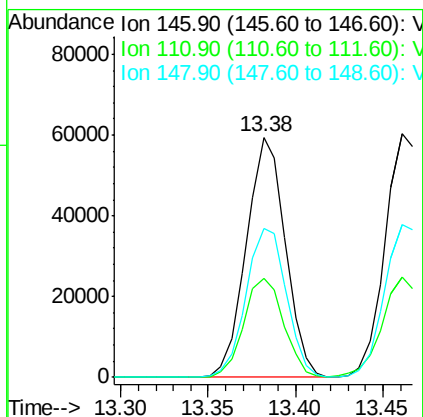
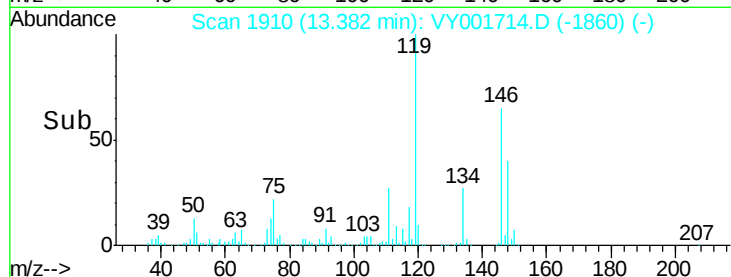
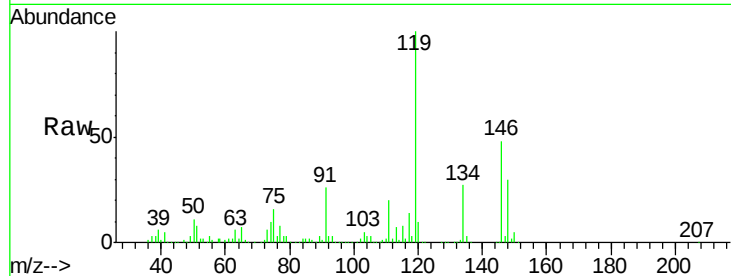
#87
 1,3-Dichlorobenzene
 Concen: 19.400 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.4	64.3
148	64.3	31.6	94.7

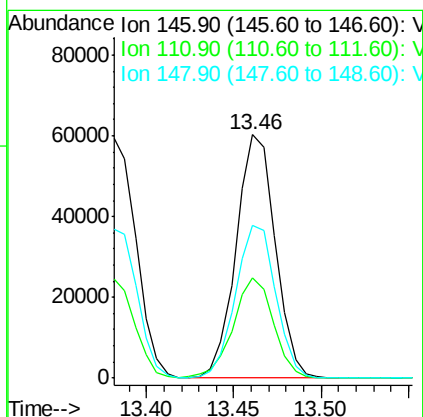
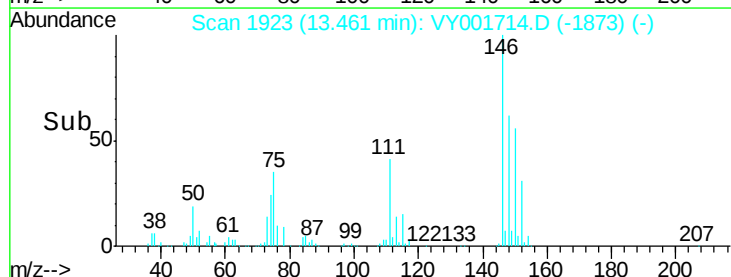
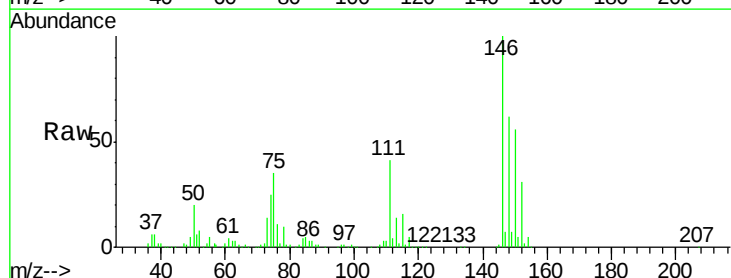
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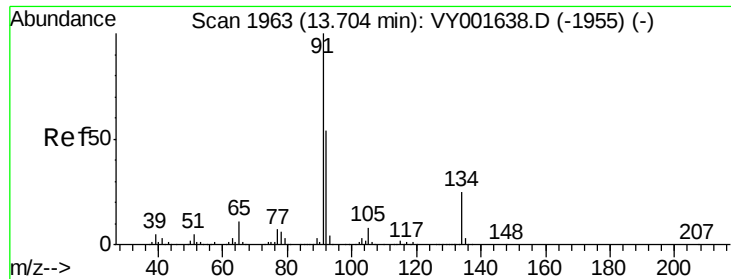
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#88
 1,4-Dichlorobenzene
 Concen: 19.544 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.4	61.3
148	64.7	31.6	94.7





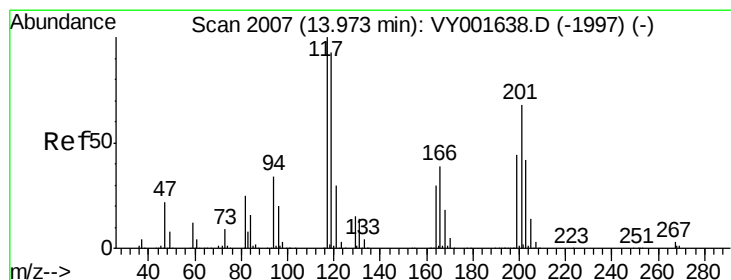
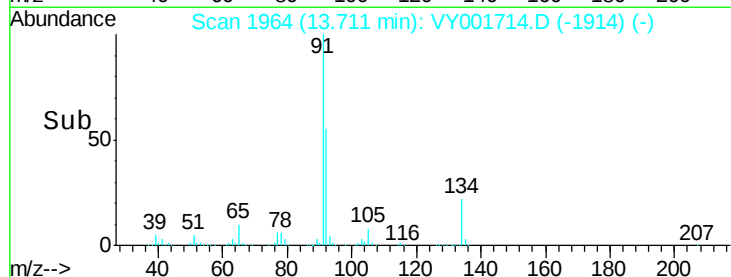
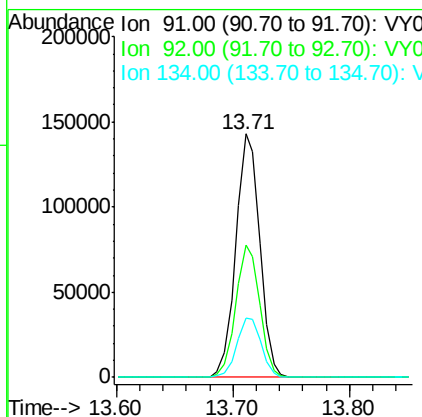
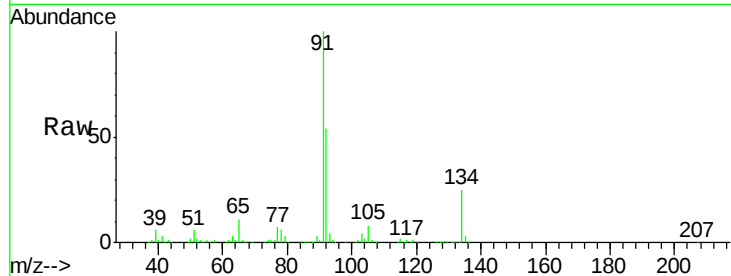
#89
n-Butylbenzene
Concen: 20.018 ug/l
RT: 13.71 min Scan# 1964
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.5	82.4
134	24.9	12.4	37.4

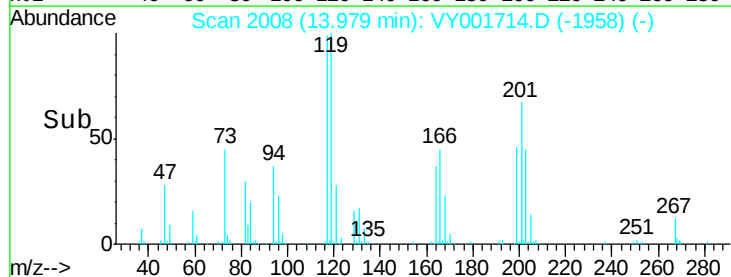
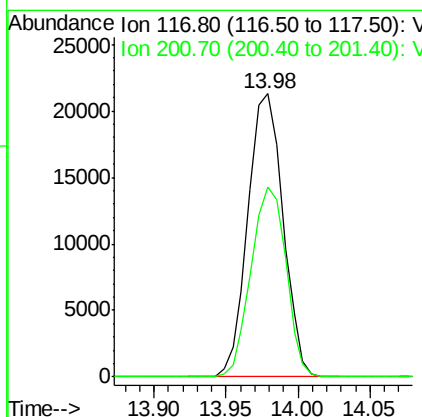
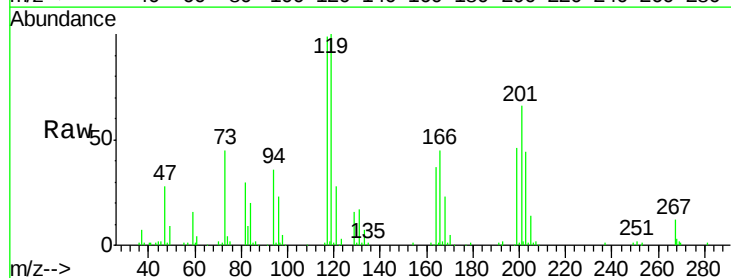
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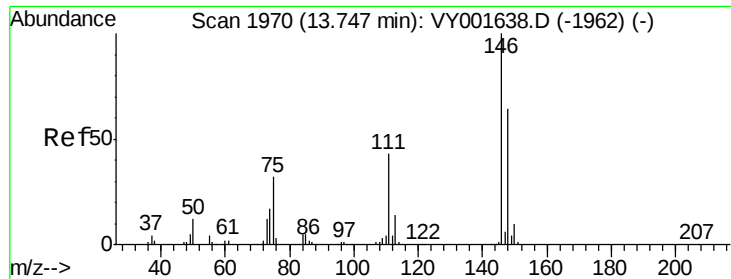
MMDadoda
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#90
Hexachloroethane
Concen: 19.123 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.6	32.5	97.4





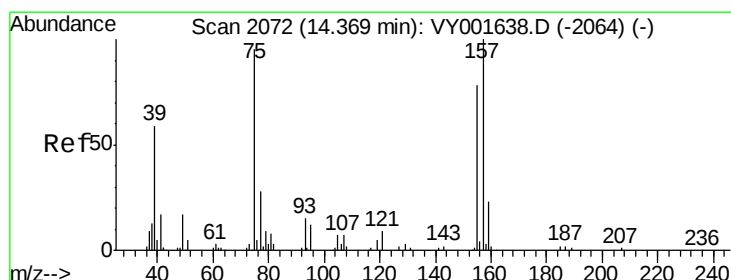
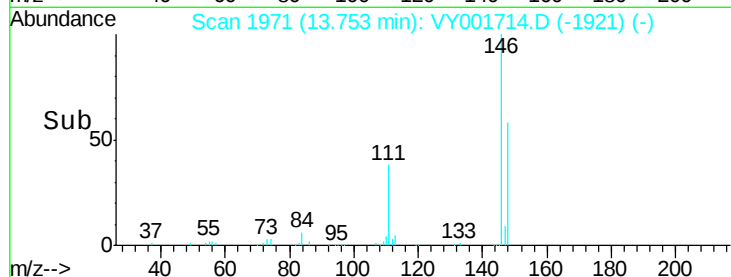
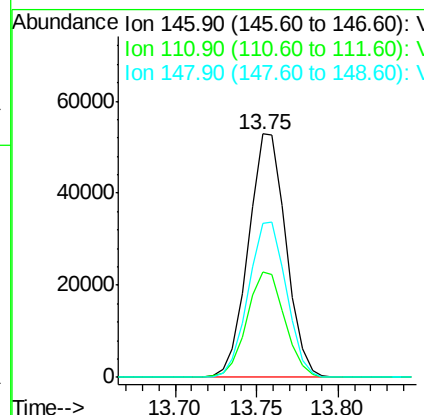
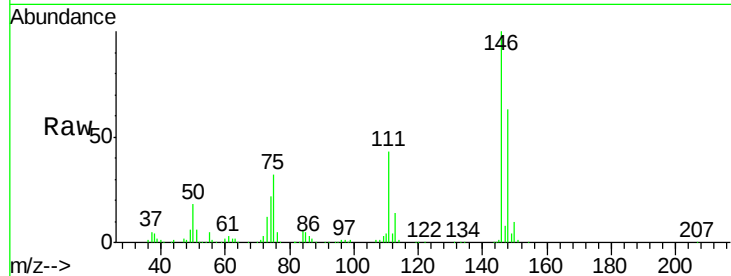
#91
 1,2-Dichlorobenzene
 Concen: 19.331 ug/l
 RT: 13.75 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.7
148	64.4	31.5	94.5

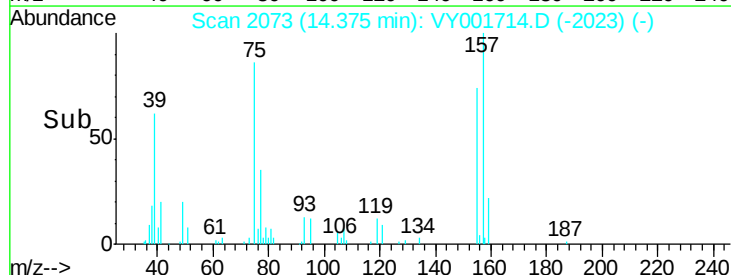
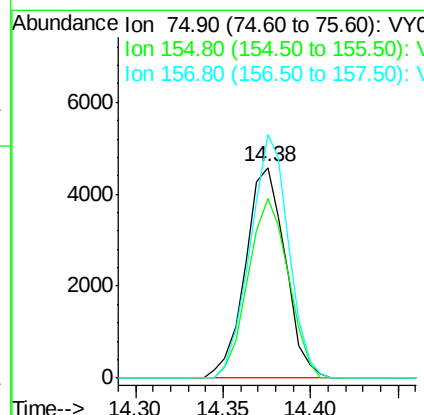
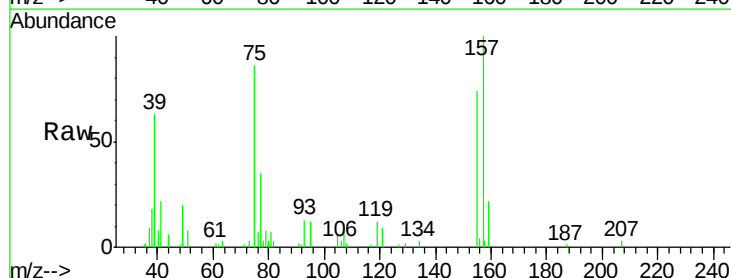
Manual Integrations
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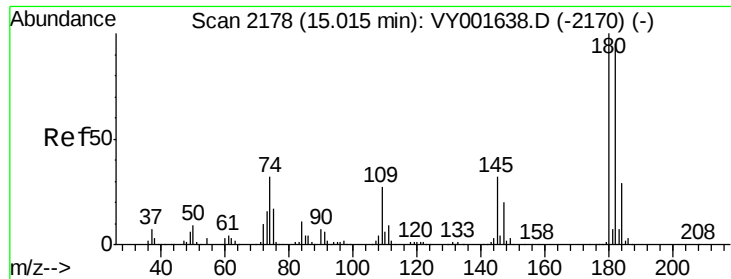
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.352 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	40.8	122.4
157	111.4	52.1	156.4





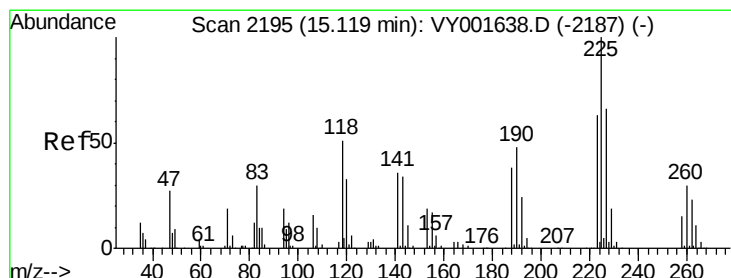
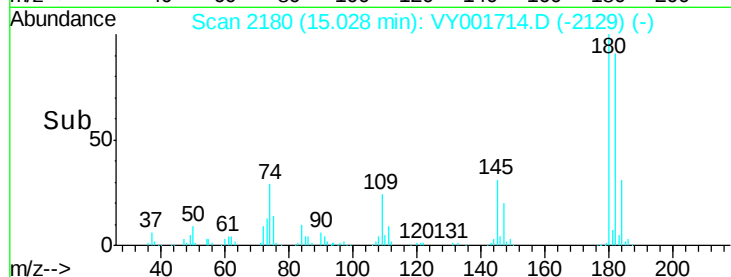
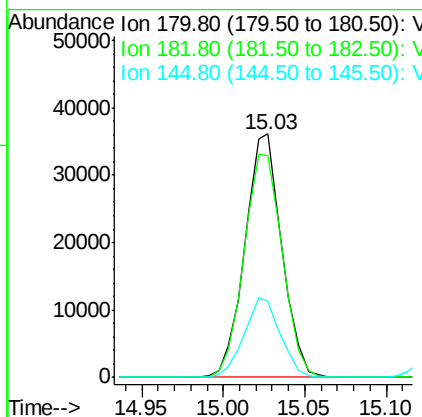
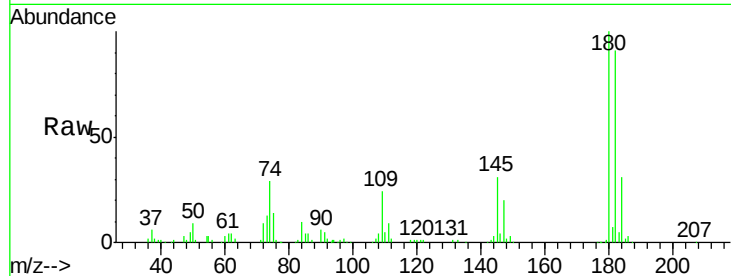
#93
 1,2,4-Trichlorobenzene
 Concen: 19.530 ug/l
 RT: 15.03 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	56738		
182	95.2	46.8	140.3	
145	32.1	16.2	48.5	

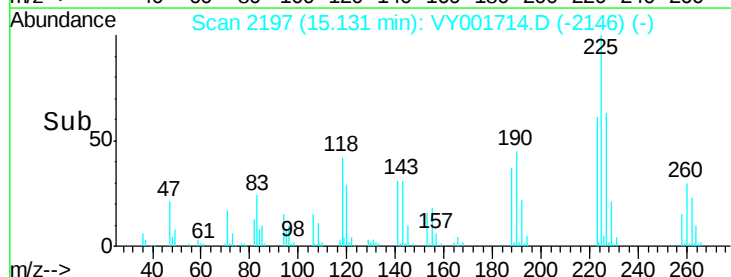
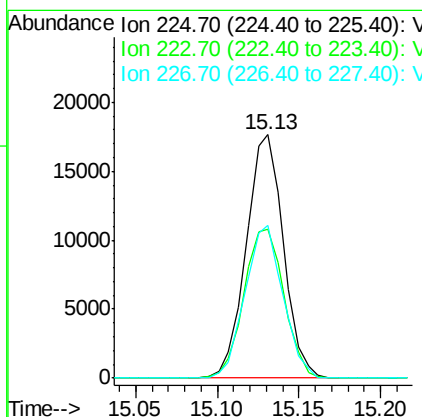
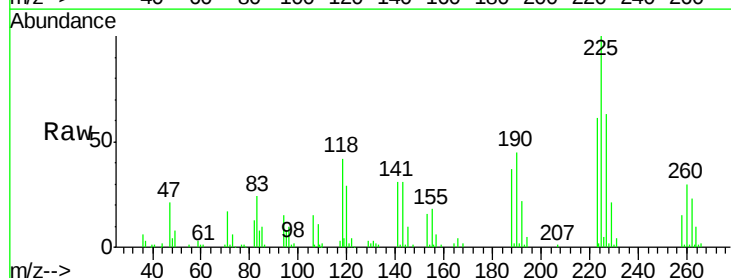
Manual Integrations
 APPROVED

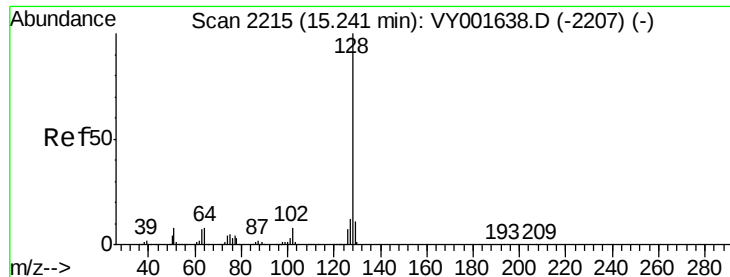
MMDadoda
 2/21/2020 3:23:21 PM



#94
 Hexachlorobutadiene
 Concen: 19.386 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY001714.D
 Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	28010		
223	65.8	31.4	94.0	
227	63.8	31.6	94.8	





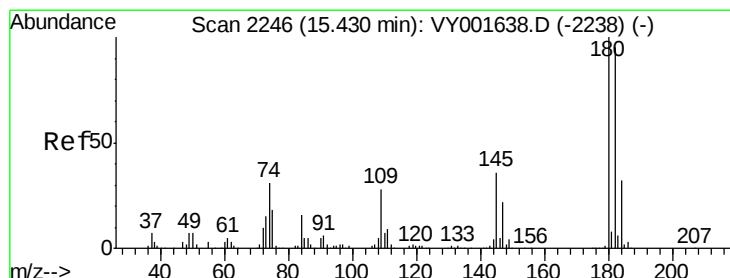
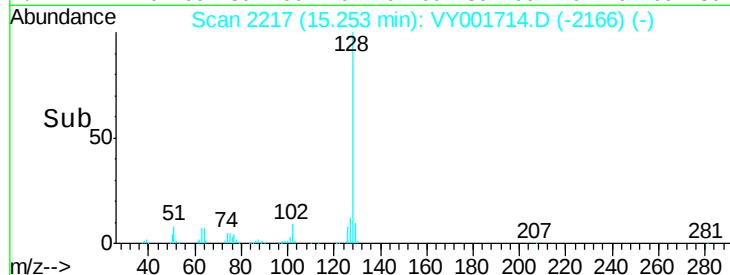
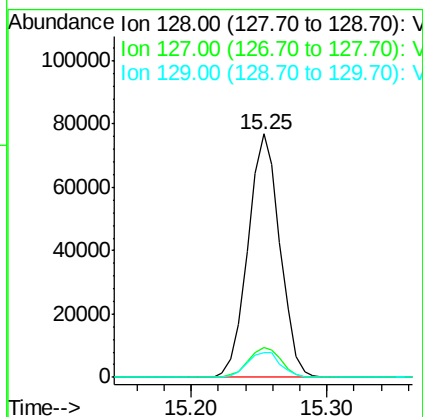
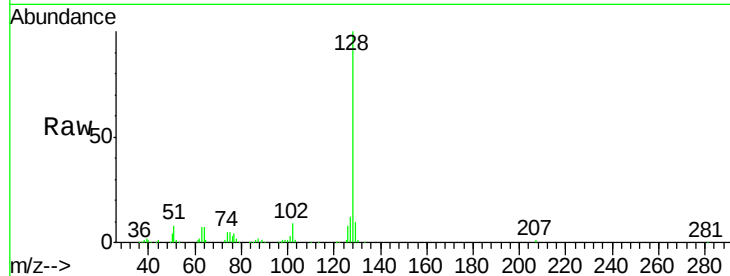
#95
Naphthalene
Concen: 18.902 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0220SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	126613		
127	12.8	9.9	14.9	
129	10.7	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
2/21/2020 3:23:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.588 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001714.D
Acq: 20 Feb 2020 11:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	50064		
182	92.6	47.2	141.6	
145	33.8	17.3	52.0	

