

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040820\
 Data File : VY002245.D
 Acq On : 08 Apr 2020 11:48
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 4/9/2020 11:31:42 AM

Quant Time: Apr 08 15:04:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 14:44:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	155290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279747	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	246630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	116312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	17516	10.14	ug/l	0.00
Spiked Amount			Recovery	=	20.28%	
35) Dibromofluoromethane	7.74	113	16628	9.99	ug/l	0.00
Spiked Amount			Recovery	=	19.98%	
50) Toluene-d8	10.19	98	70727	10.15	ug/l	0.00
Spiked Amount			Recovery	=	20.30%	
62) 4-Bromofluorobenzene	12.48	95	23386	10.17	ug/l	0.00
Spiked Amount			Recovery	=	20.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	16952	10.801	ug/l	94
3) Chloromethane	2.13	50	21901	11.088	ug/l	94
4) Vinyl Chloride	2.26	62	22877	10.881	ug/l	99
5) Bromomethane	2.66	94	15496	11.936	ug/l	94
6) Chloroethane	2.80	64	13394	11.047	ug/l	99
7) Trichlorofluoromethane	3.15	101	29072	10.707	ug/l	97
8) Diethyl Ether	3.55	74	11792	10.216	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.92	101	19431	10.535	ug/l	99
10) Methyl Iodide	4.11	142	21422	9.992	ug/l	98
11) Tert butyl alcohol	4.97	59	12966	57.070	ug/l #	82
12) 1,1-Dichloroethene	3.89	96	20111	10.725	ug/l	87
13) Acrolein	3.75	56	11305	50.771	ug/l	95
14) Allyl chloride	4.51	41	31471	10.394	ug/l	99
15) Acrylonitrile	5.19	53	31134	52.745	ug/l	99
16) Acetone	3.97	43	24398	53.640	ug/l	98
17) Carbon Disulfide	4.22	76	65753	10.559	ug/l	97
18) Methyl Acetate	4.50	43	14802	10.492	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	51629	10.473	ug/l	96
20) Methylene Chloride	4.74	84	24847	11.114	ug/l	98
21) trans-1,2-Dichloroethene	5.25	96	22323	10.606	ug/l	94
22) Diisopropyl ether	6.14	45	66011	10.833	ug/l	96
23) Vinyl Acetate	6.09	43	205727	52.979	ug/l	99
24) 1,1-Dichloroethane	6.05	63	36857	10.634	ug/l	95
25) 2-Butanone	7.01	43	38668	53.719	ug/l	96
26) 2,2-Dichloropropane	7.00	77	31792	10.965	ug/l	96
27) cis-1,2-Dichloroethene	7.01	96	23988	10.456	ug/l	96
28) Bromochloromethane	7.36	49	15506	10.364	ug/l	99
29) Tetrahydrofuran	7.37	42	26168	54.996	ug/l	97
30) Chloroform	7.53	83	34899	10.682	ug/l	100
31) Cyclohexane	7.80	56	39737	10.922	ug/l #	85
32) 1,1,1-Trichloroethane	7.72	97	28533	10.492	ug/l	99
36) 1,1-Dichloropropene	7.93	75	29164	10.584	ug/l	96
37) Ethyl Acetate	7.10	43	17394	11.050	ug/l	98
38) Carbon Tetrachloride	7.92	117	24388	10.347	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	39483	10.534	ug/l	99
40) Benzene	8.18	78	89934	10.758	ug/l	97
41) Methacrylonitrile	7.35	41	10269m	9.875	ug/l	
42) 1,2-Dichloroethane	8.25	62	22067	10.656	ug/l	100
43) Isopropyl Acetate	8.29	43	30398	10.588	ug/l	99
44) Trichloroethene	8.95	130	26395	10.739	ug/l	88
45) 1,2-Dichloropropane	9.23	63	22327	10.764	ug/l	100
46) Dibromomethane	9.31	93	11500	10.603	ug/l	98
47) Bromodichloromethane	9.51	83	25934	10.421	ug/l	95
48) Methyl methacrylate	9.30	41	13149	10.215	ug/l	98
49) 1,4-Dioxane	9.31	88	3260	212.493	ug/l #	91
51) 4-Methyl-2-Pentanone	10.08	43	81440	54.440	ug/l	97
52) Toluene	10.25	92	53195	10.558	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	27515	10.148	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	34191	10.489	ug/l	100
55) 1,1,2-Trichloroethane	10.66	97	16731	10.537	ug/l	96
56) Ethyl methacrylate	10.52	69	23240	10.255	ug/l	98
57) 1,3-Dichloropropane	10.80	76	29965	10.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	58766	50.075	ug/l	100
59) 2-Hexanone	10.84	43	55964	53.903	ug/l	98
60) Dibromochloromethane	10.99	129	17301	10.218	ug/l	98
61) 1,2-Dibromoethane	11.09	107	15918	10.530	ug/l	97
64) Tetrachloroethene	10.73	164	26966	10.815	ug/l	95
65) Chlorobenzene	11.52	112	55227	10.772	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.59	131	18247	10.780	ug/l	97
67) Ethyl Benzene	11.59	91	102529	10.924	ug/l	100
68) m/p-Xylenes	11.70	106	76624	21.798	ug/l	99
69) o-Xylene	12.03	106	35994	10.906	ug/l	98
70) Styrene	12.05	104	61816	10.796	ug/l	99
71) Bromoform	12.21	173	9604	10.434	ug/l #	99
73) Isopropylbenzene	12.33	105	95776	10.482	ug/l	100
74) N-amyl acetate	12.15	43	27776	10.709	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	11427	10.336	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	13600m	5.836	ug/l	
77) Bromobenzene	12.61	156	21278	10.584	ug/l	97
78) n-propylbenzene	12.67	91	120551	10.608	ug/l	100
79) 2-Chlorotoluene	12.76	91	64622	10.463	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	79613	10.535	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	6938	9.991	ug/l	93
82) 4-Chlorotoluene	12.86	91	68672	10.609	ug/l	99
83) tert-Butylbenzene	13.08	119	66834	10.558	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	80696	10.693	ug/l	99
85) sec-Butylbenzene	13.26	105	100743	10.684	ug/l	99
86) p-Isopropyltoluene	13.37	119	87637	10.798	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	42095	10.804	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	43508	11.001	ug/l	98
89) n-Butylbenzene	13.70	91	90437	10.871	ug/l	98
90) Hexachloroethane	13.96	117	16181	10.463	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	38013	10.737	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2643	9.885	ug/l	96

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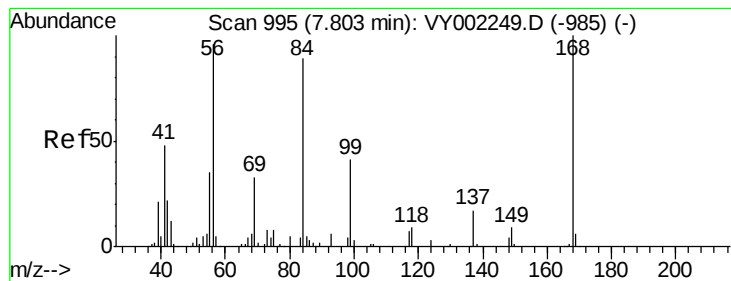
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	25149	10.868	ug/l	96
94) Hexachlorobutadiene	15.12	225	12900	11.068	ug/l	98
95) Naphthalene	15.24	128	52593	10.380	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	21297	10.599	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 155290

Ion Ratio Lower Upper

168 100

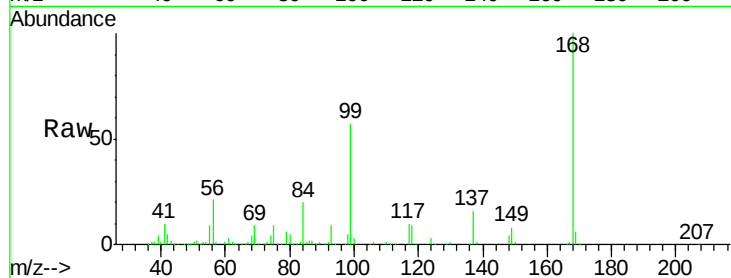
99 57.2 48.0 72.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)

7.81

60000

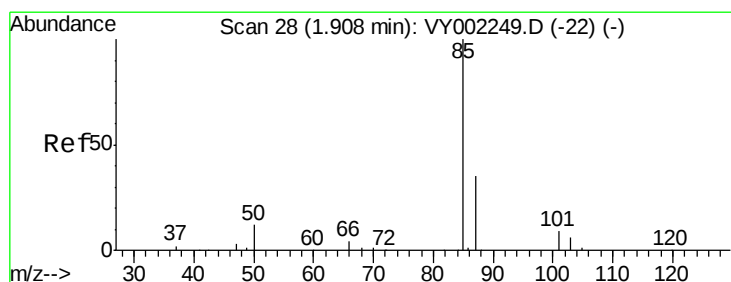
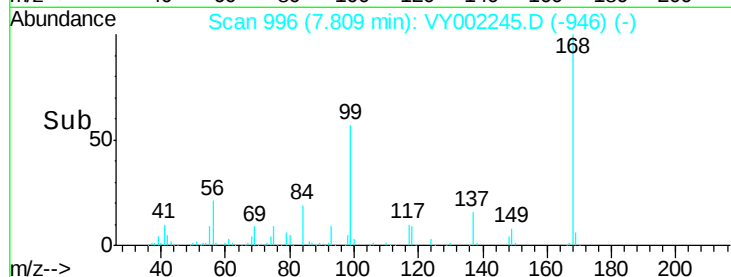
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 10.801 ug/l

RT: 1.91 min Scan# 28

Delta R.T. -0.00 min

Lab File: VY002245.D

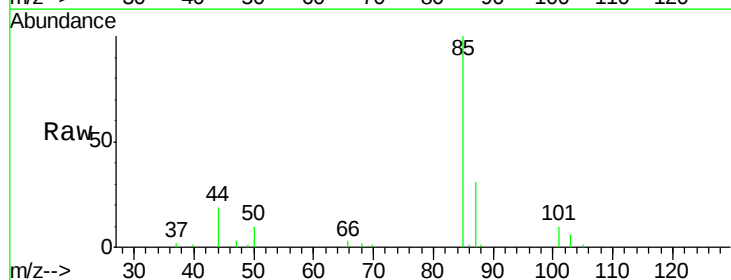
Acq: 08 Apr 2020 11:48

Tgt Ion: 85 Resp: 16952

Ion Ratio Lower Upper

85 100

87 30.9 17.3 51.9



Abundance Ion 84.90 (84.60 to 85.60): VY002249.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002249.D (-22) (-)

1.91

12000

10000

8000

6000

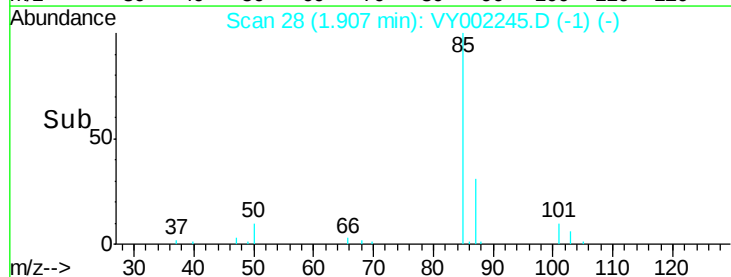
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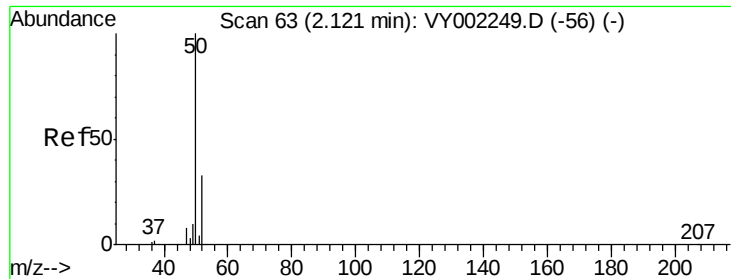
2000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 11.088 ug/l

RT: 2.13 min Scan# 64

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 21901

Ion Ratio Lower Upper

50 100

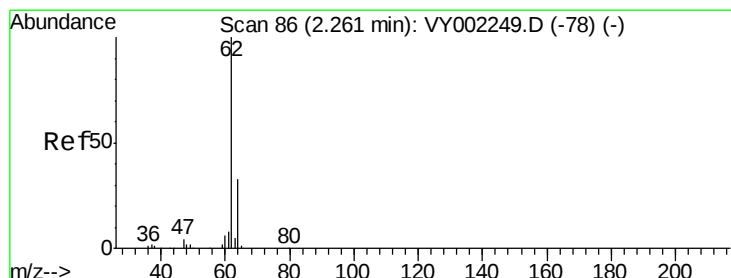
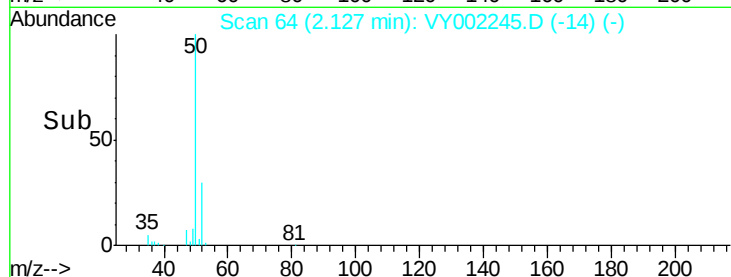
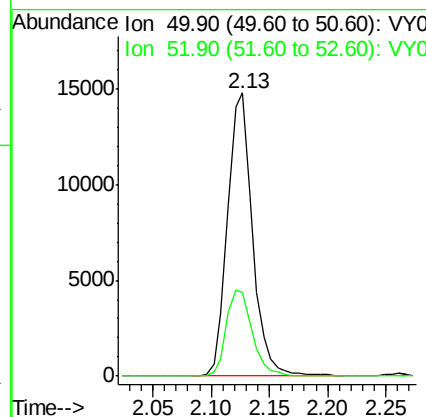
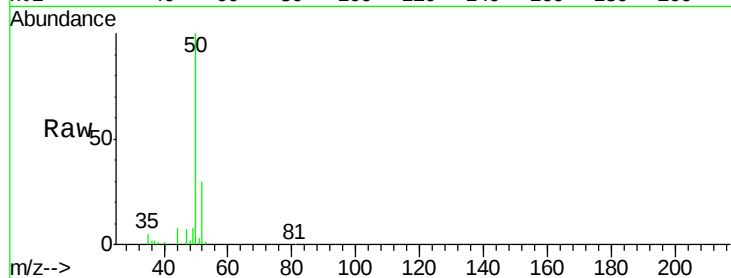
52 29.6 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 10.881 ug/l

RT: 2.26 min Scan# 86

Delta R.T. -0.00 min

Lab File: VY002245.D

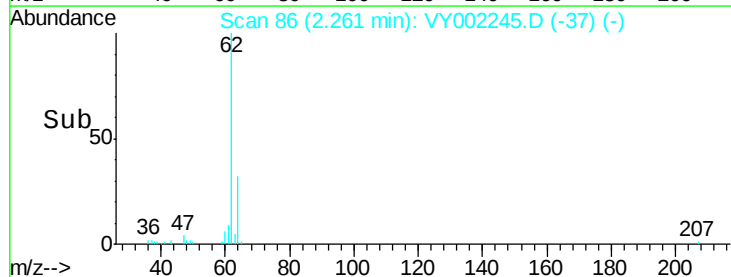
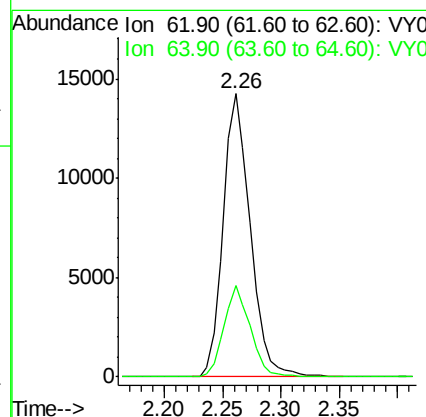
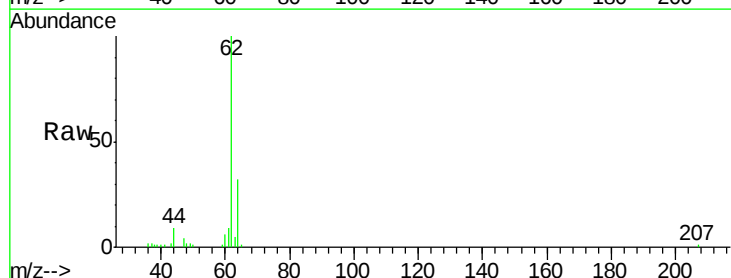
Acq: 08 Apr 2020 11:48

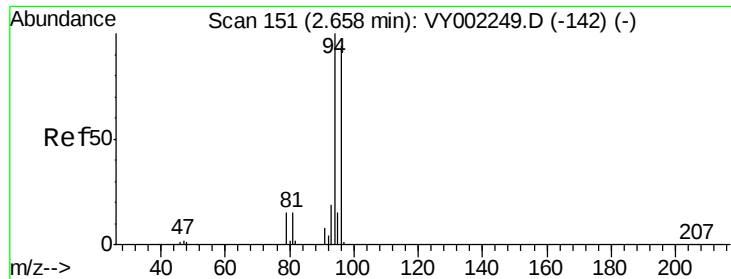
Tgt Ion: 62 Resp: 22877

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.2





#5

Bromomethane

Concen: 11.936 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 15496

Ion Ratio Lower Upper

94 100

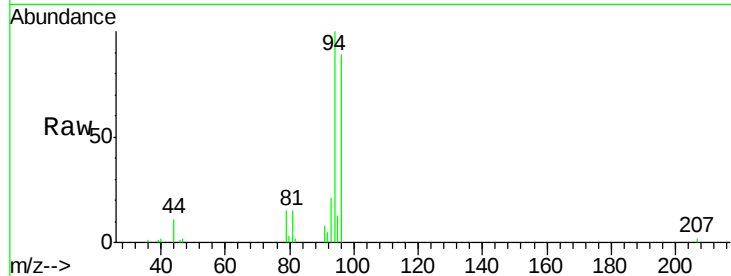
96 89.0 75.6 113.4

Manual Integrations

APPROVED

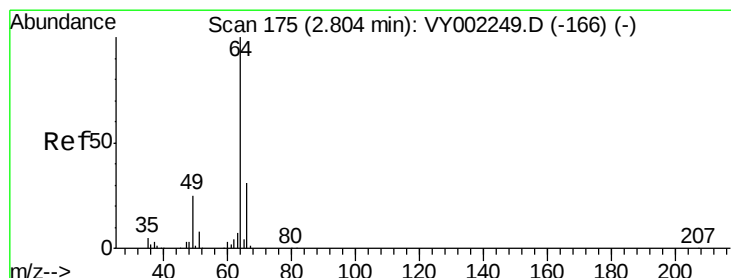
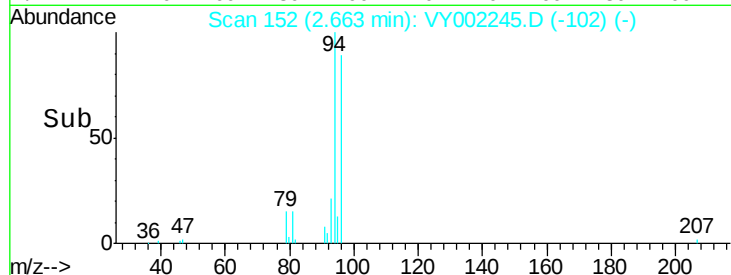
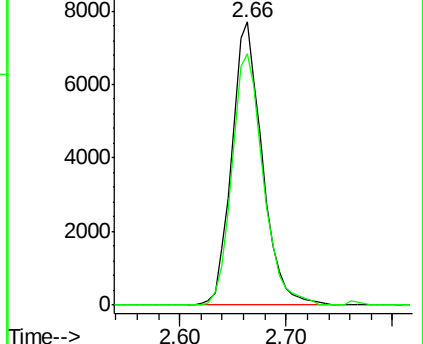
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 11.047 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY002245.D

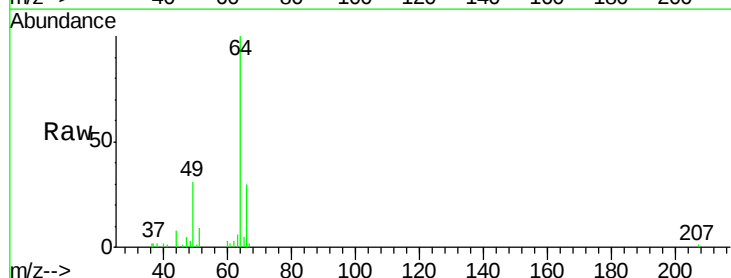
Acq: 08 Apr 2020 11:48

Tgt Ion: 64 Resp: 13394

Ion Ratio Lower Upper

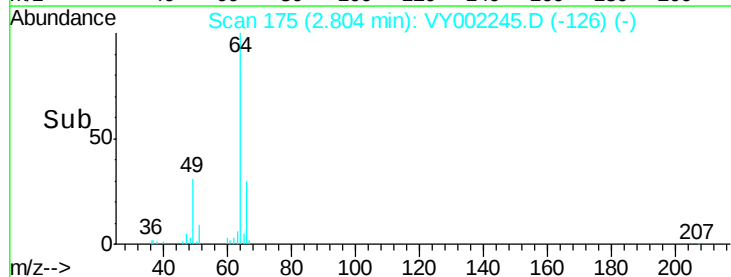
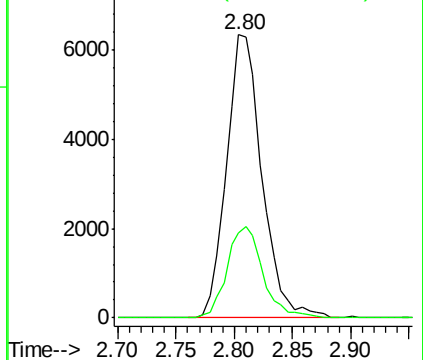
64 100

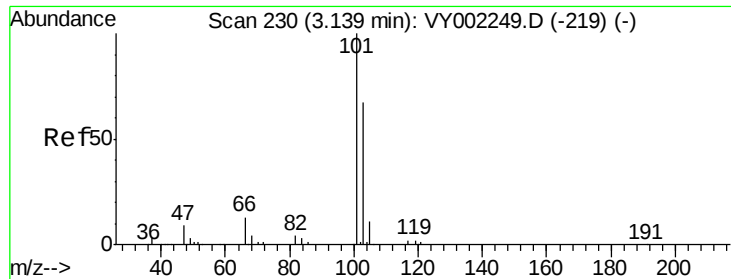
66 30.1 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

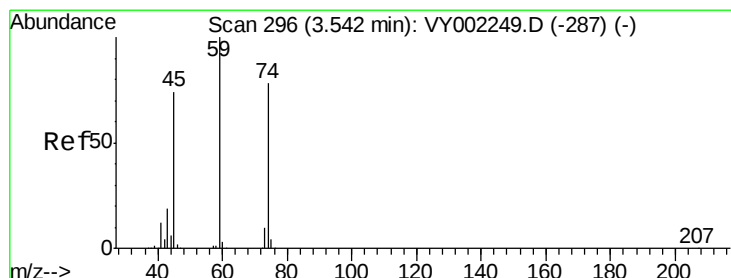
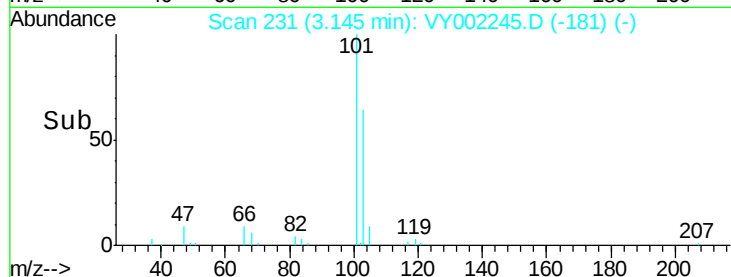
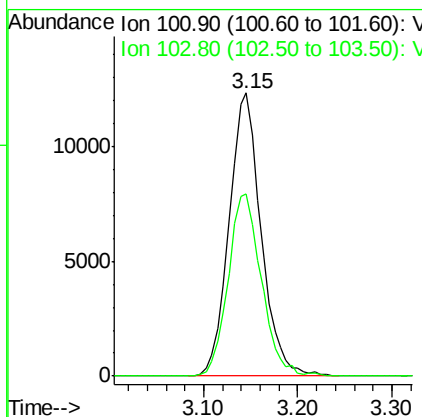
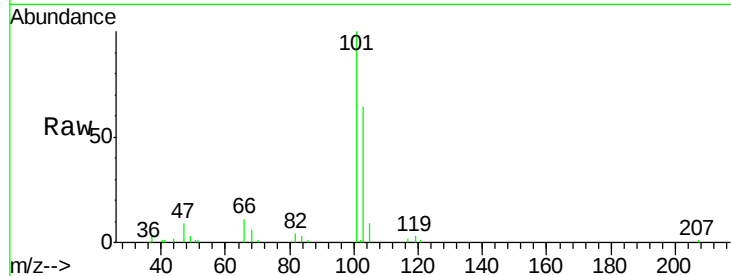
Trichlorofluoromethane
 Concen: 10.707 ug/l
 RT: 3.15 min Scan# 231
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	53.3	79.9

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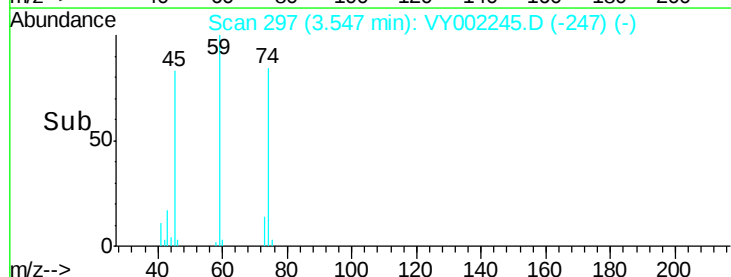
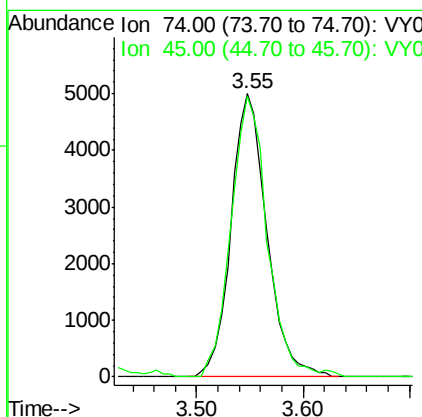
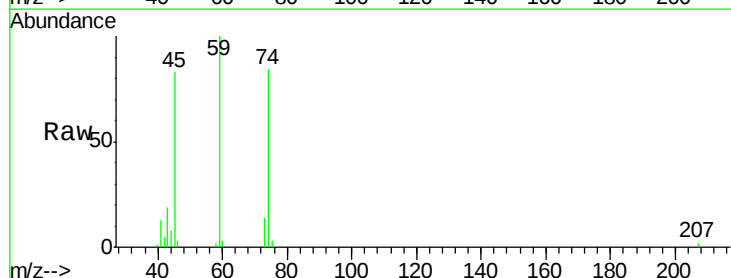
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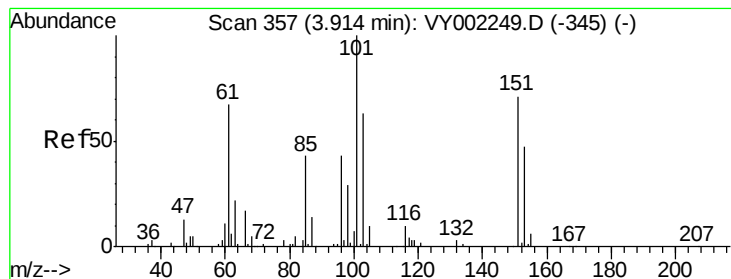


#8

Diethyl Ether
 Concen: 10.216 ug/l
 RT: 3.55 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: VY002245.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	48.0	144.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.535 ug/l

RT: 3.92 min Scan# 358

Delta R.T. 0.01 min

Lab File: VY002245.D

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Instrument :

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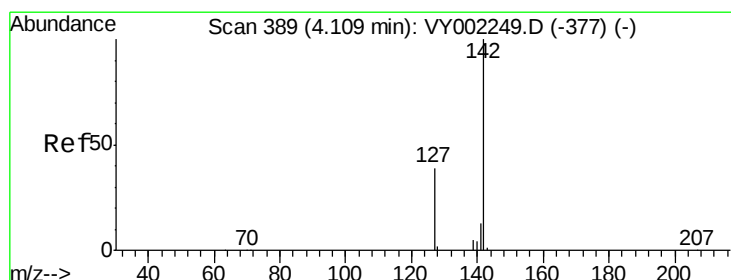
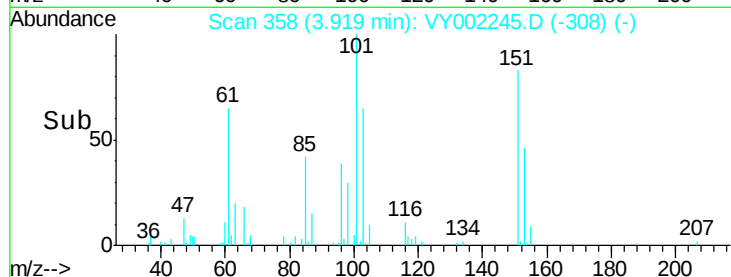
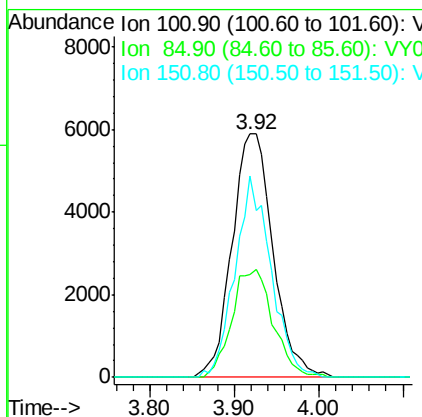
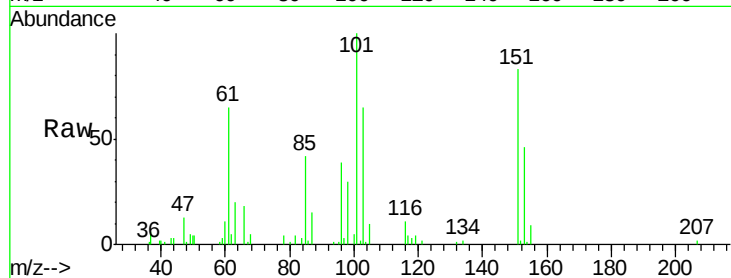
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	19431
Ion Ratio	Lower	Upper	
101	100		
85	44.5	34.6	52.0
151	72.5	57.6	86.4

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#10

Methyl Iodide

Concen: 9.992 ug/l

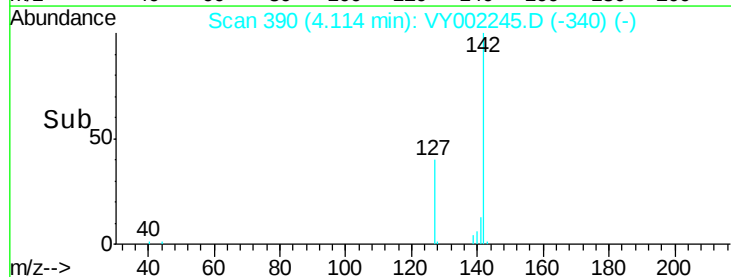
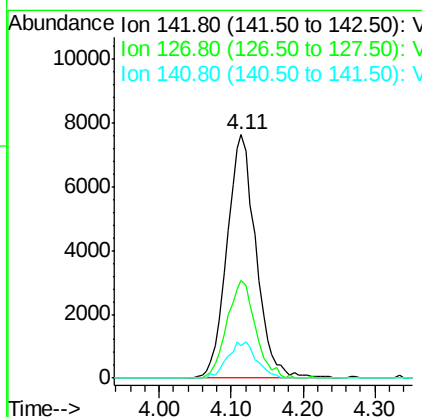
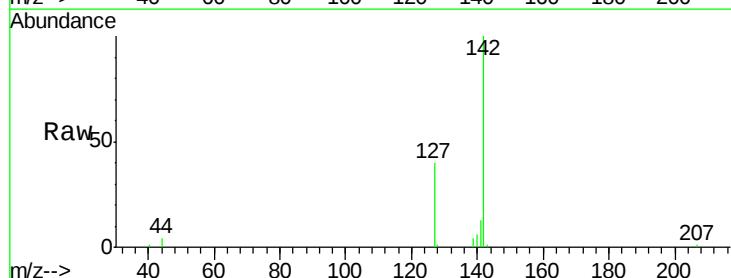
RT: 4.11 min Scan# 390

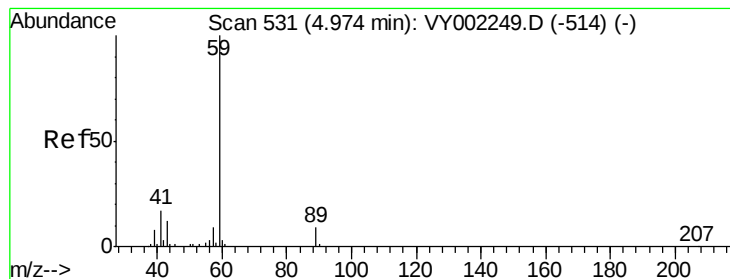
Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion:	142	Resp:	21422
Ion Ratio	Lower	Upper	
142	100		
127	39.1	32.4	48.6
141	14.6	11.2	16.8





#11

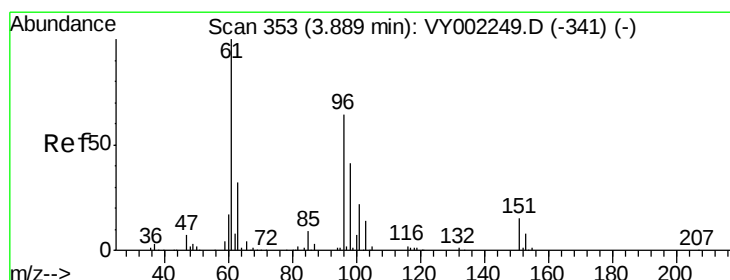
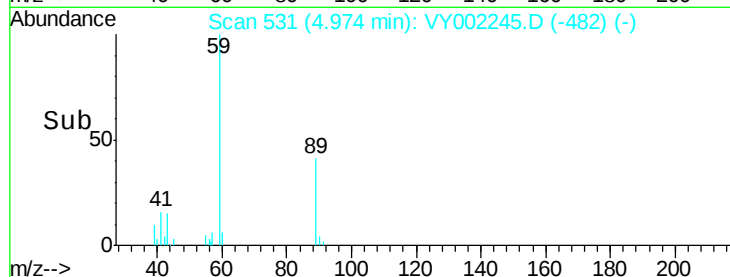
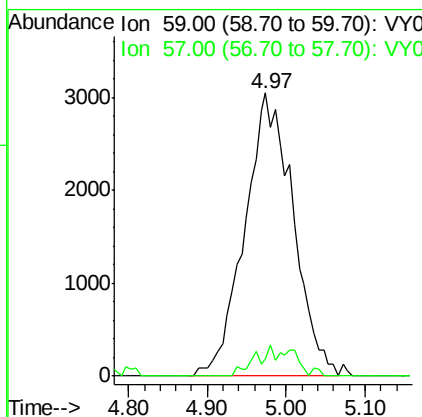
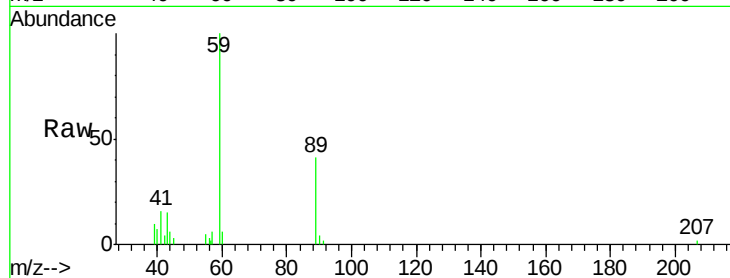
Tert butyl alcohol
Concen: 57.070 ug/l
RT: 4.97 min Scan# 531
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	1.9	6.6	9.8#

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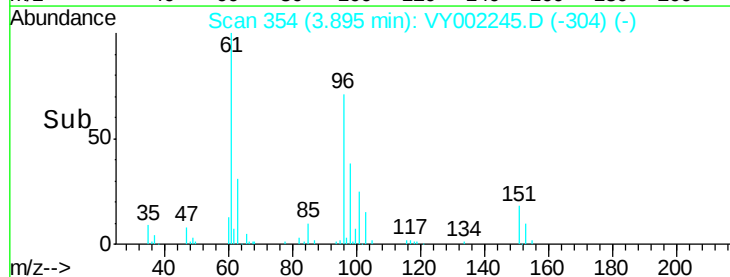
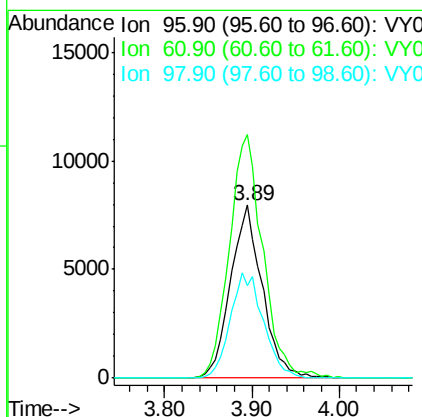
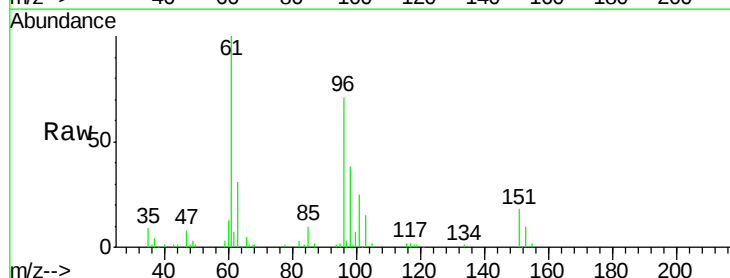
MMDadoda
4/9/2020 11:31:42 AM

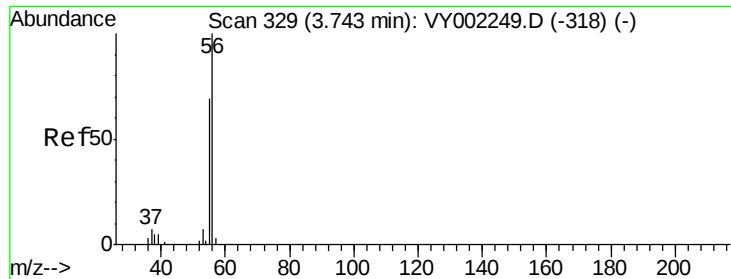


#12

1,1-Dichloroethene
Concen: 10.725 ug/l
RT: 3.89 min Scan# 354
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.0	125.9	188.9
98	53.9	51.1	76.7





#13

Acrolein

Concen: 50.771 ug/l

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 11305

Ion Ratio Lower Upper

56 100

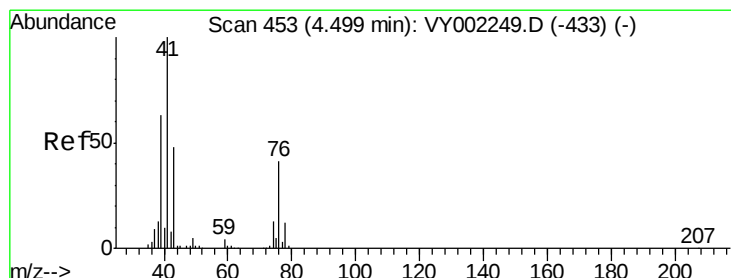
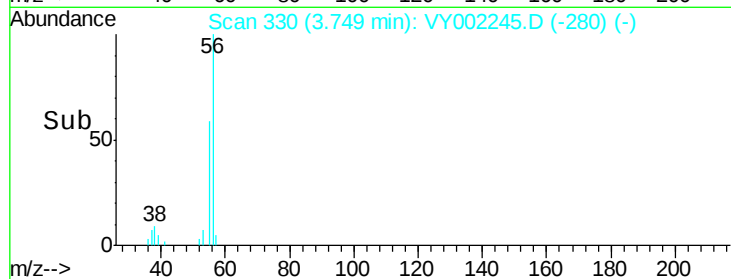
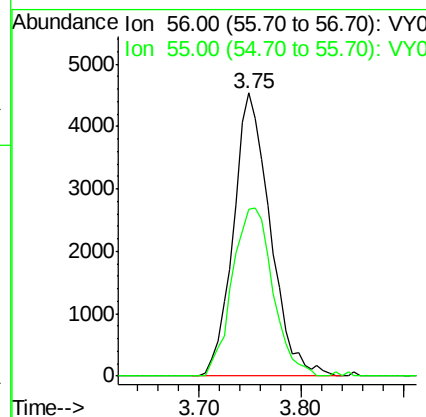
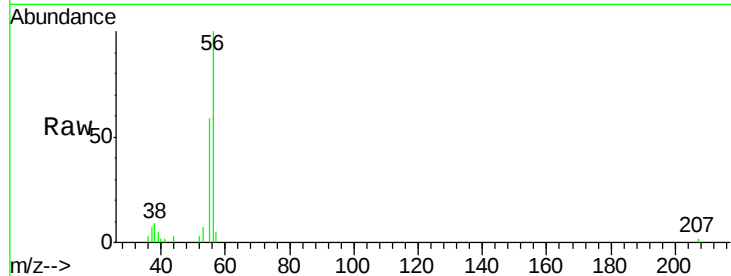
55 65.6 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 10.394 ug/l

RT: 4.51 min Scan# 455

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

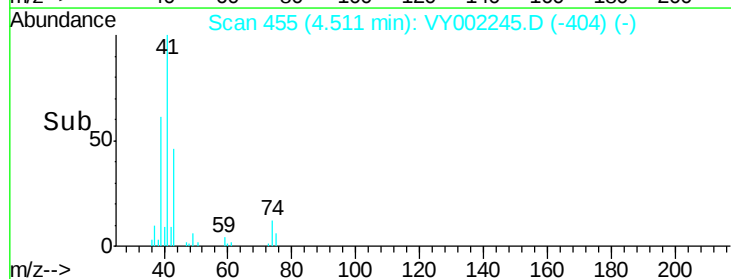
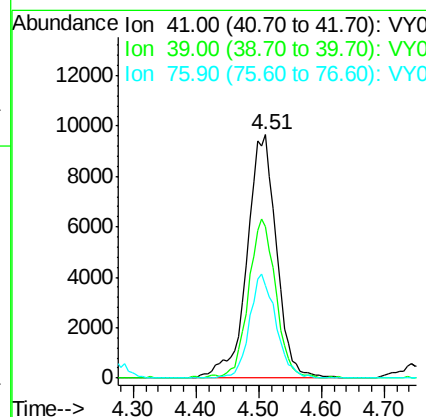
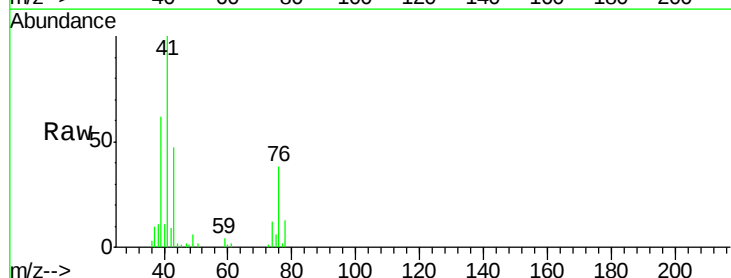
Tgt Ion: 41 Resp: 31471

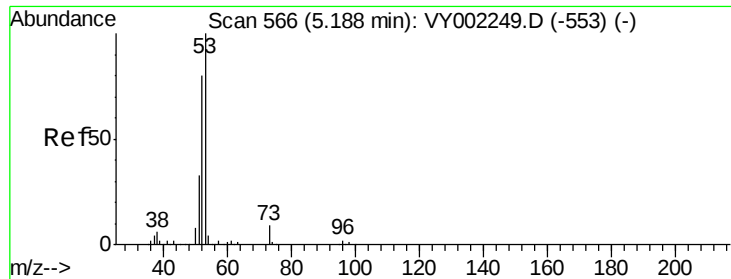
Ion Ratio Lower Upper

41 100

39 60.5 48.0 72.0

76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 52.745 ug/l

RT: 5.19 min Scan# 566

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

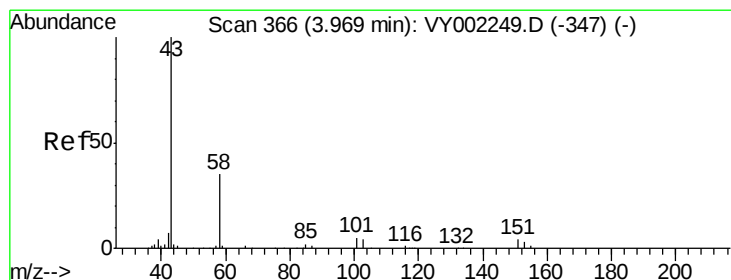
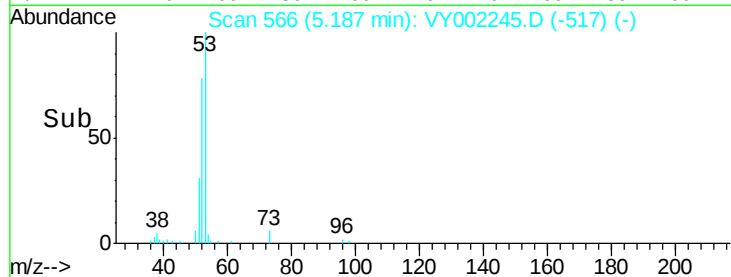
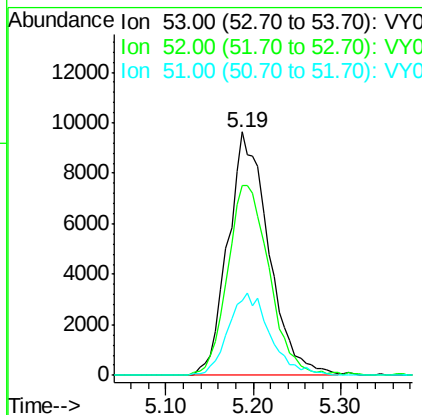
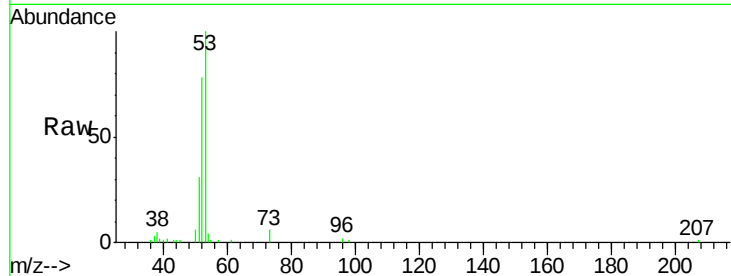
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	31134
Ion	Ratio	Lower	Upper
53	100		
52	80.0	65.1	97.7
51	34.4	27.1	40.7

Manual Integrations
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#16

Acetone

Concen: 53.640 ug/l

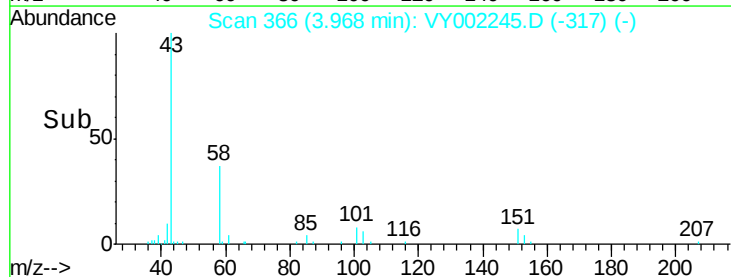
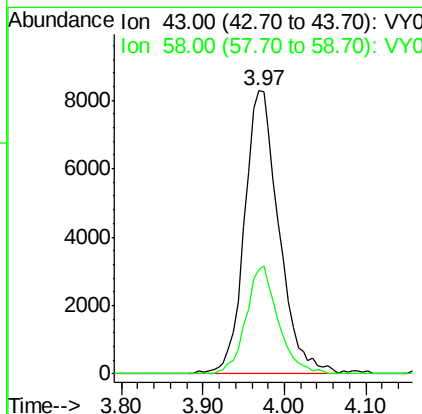
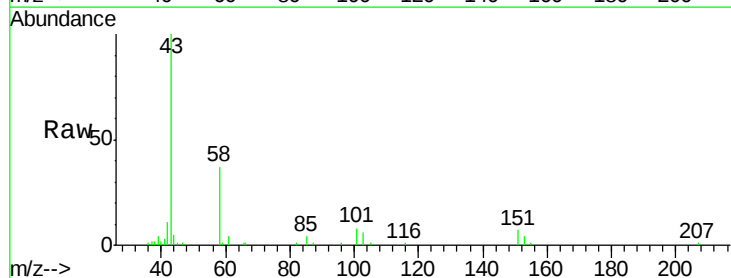
RT: 3.97 min Scan# 366

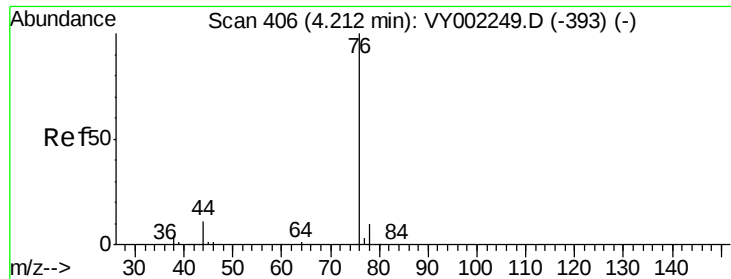
Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion:	43	Resp:	24398
Ion	Ratio	Lower	Upper
43	100		
58	36.9	28.5	42.7





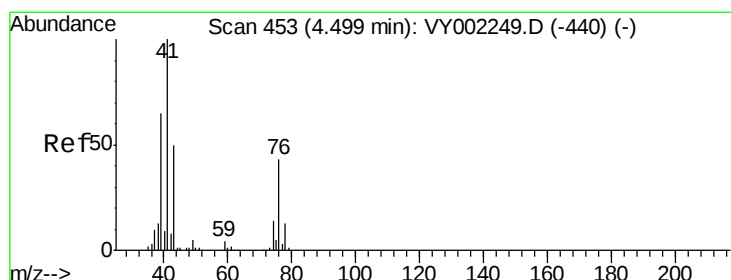
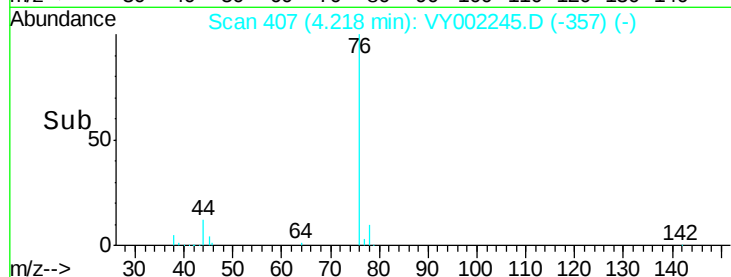
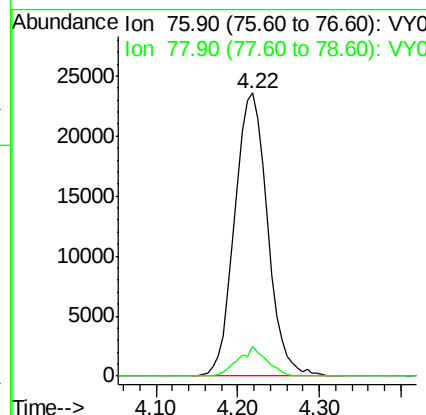
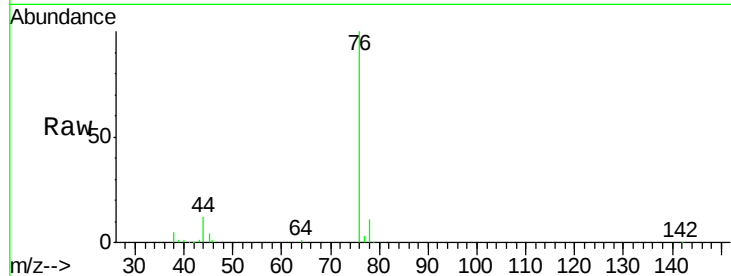
#17
Carbon Disulfide
Concen: 10.559 ug/l
RT: 4.22 min Scan# 407
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 76 Resp: 65753
Ion Ratio Lower Upper
76 100
78 10.6 7.7 11.5

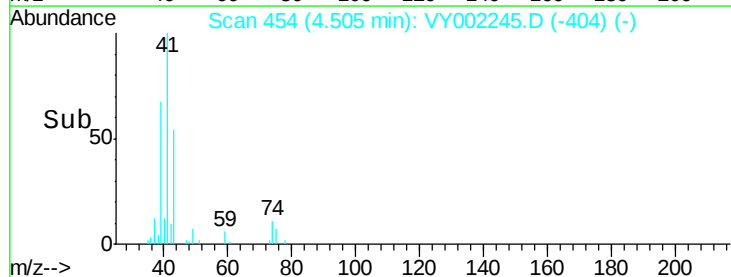
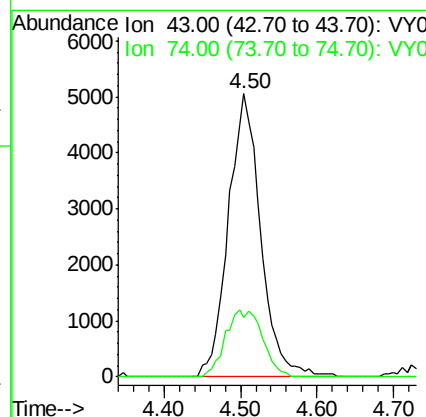
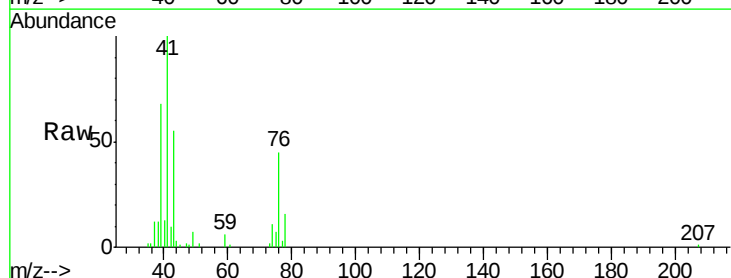
Manual Integrations
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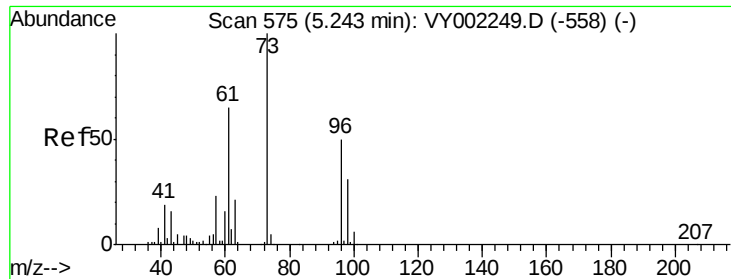
MMDadoda
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#18
Methyl Acetate
Concen: 10.492 ug/l
RT: 4.50 min Scan# 454
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 43 Resp: 14802
Ion Ratio Lower Upper
43 100
74 26.9 20.3 30.5





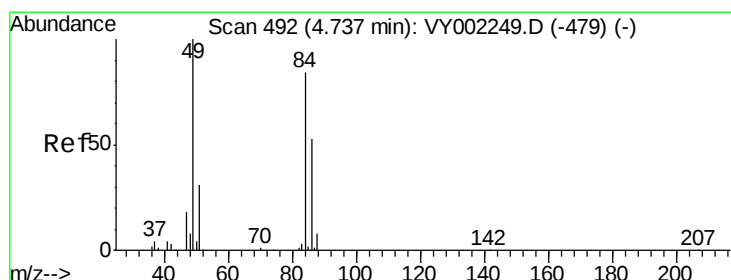
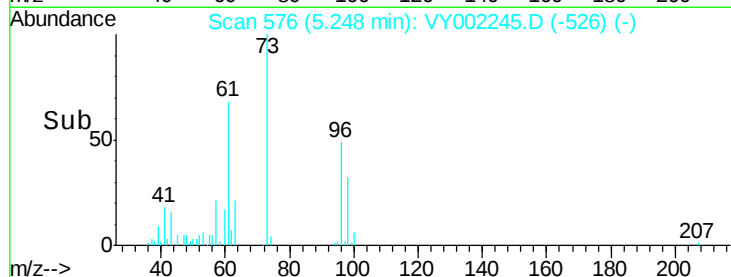
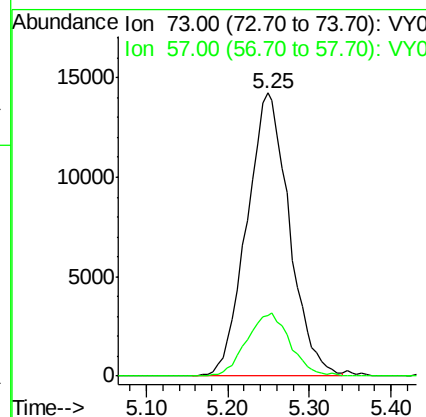
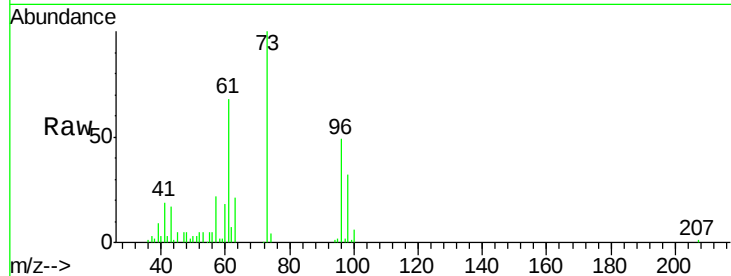
#19
Methvl tert-butvl Ether
Concen: 10.473 ug/l
RT: 5.25 min Scan# 576
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 51629
Ion Ratio Lower Upper
73 100
57 21.6 18.7 28.1

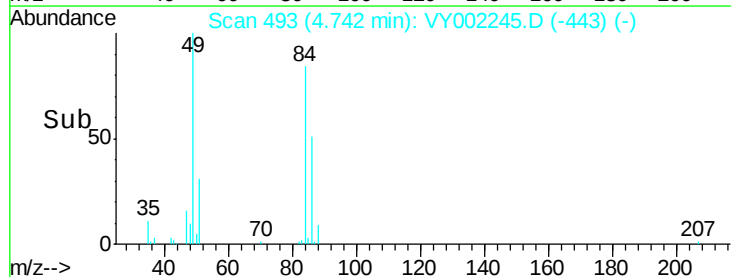
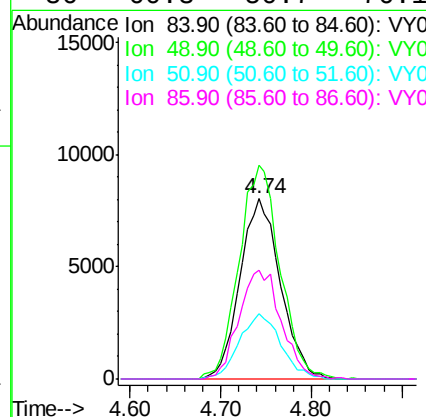
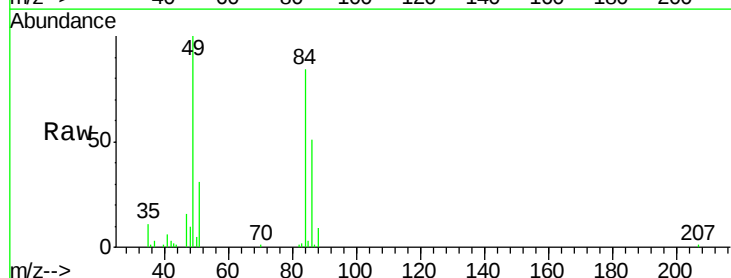
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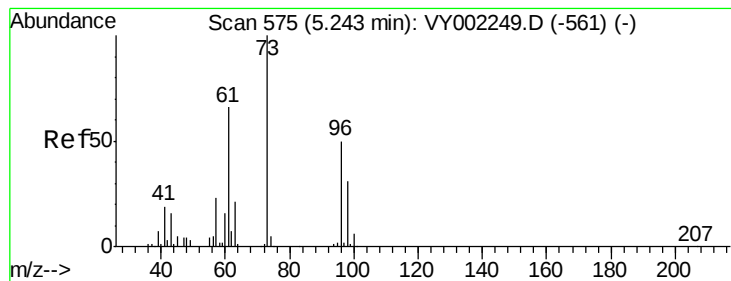
MMDadoda
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#20
Methylene Chloride
Concen: 11.114 ug/l
RT: 4.74 min Scan# 493
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 84 Resp: 24847
Ion Ratio Lower Upper
84 100
49 118.5 95.5 143.3
51 36.3 29.5 44.3
86 60.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 10.606 ug/l

RT: 5.25 min Scan# 576

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

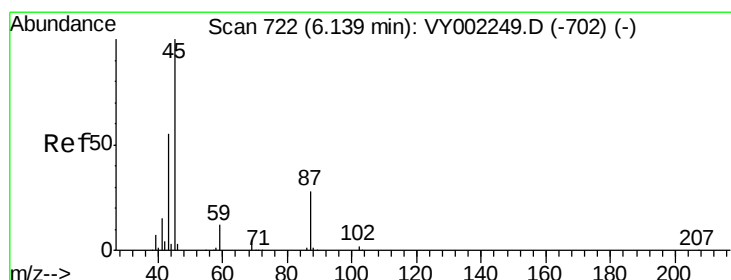
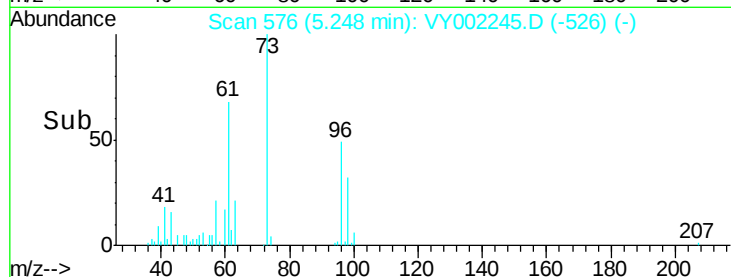
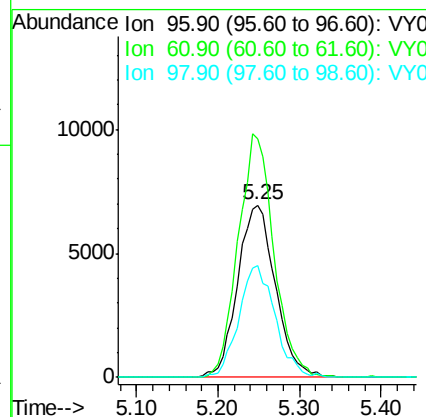
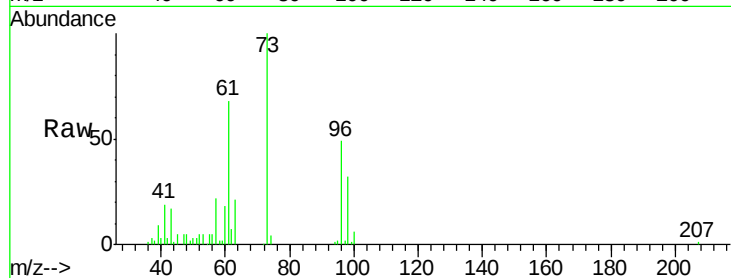
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	22323
Ion	Ratio	Lower	Upper
96	100		
61	139.1	104.6	157.0
98	65.1	50.1	75.1

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#22

Diisopropyl ether

Concen: 10.833 ug/l

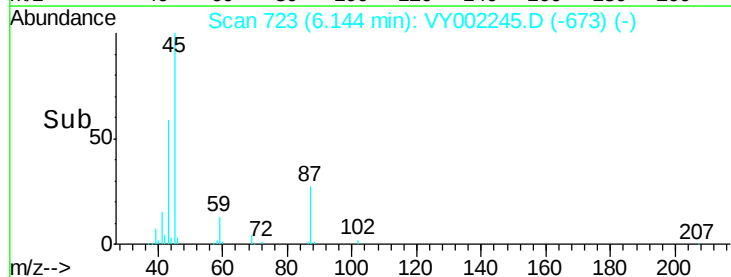
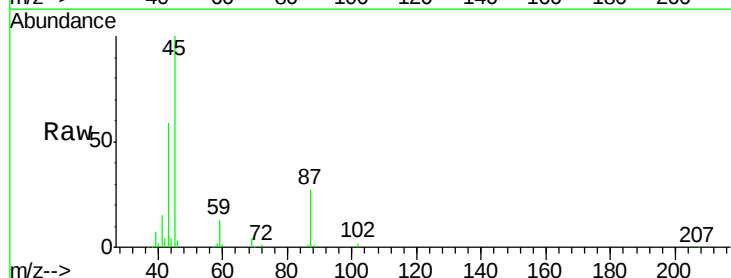
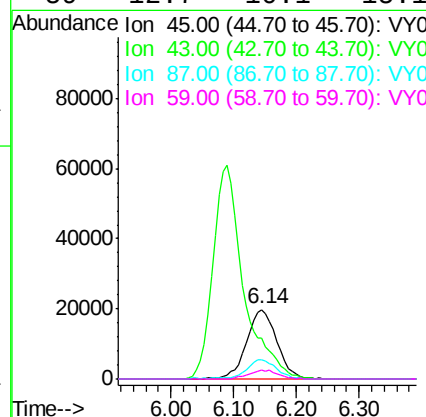
RT: 6.14 min Scan# 723

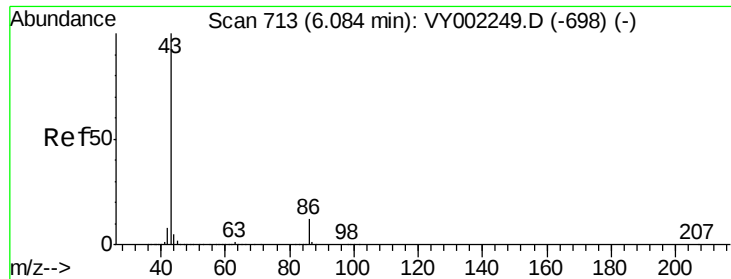
Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion:	45	Resp:	66011
Ion	Ratio	Lower	Upper
45	100		
43	59.4	44.7	67.1
87	27.2	23.0	34.4
59	12.7	10.1	15.1





#23

Vinyl Acetate

Concen: 52.979 ug/l

RT: 6.09 min Scan# 714

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 205727

Ion Ratio Lower Upper

43 100

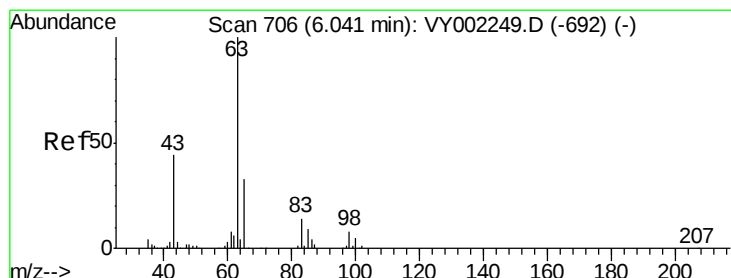
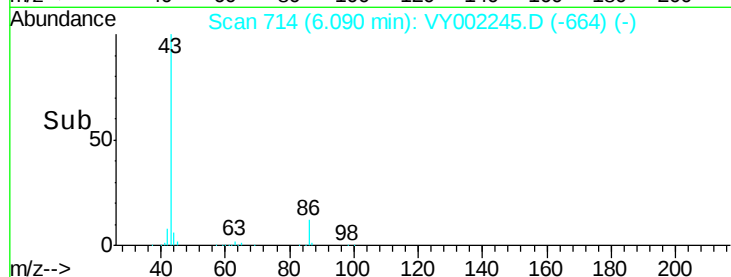
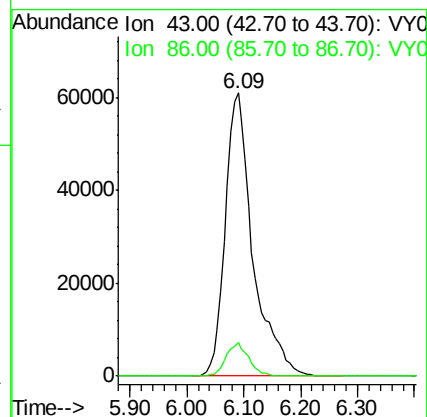
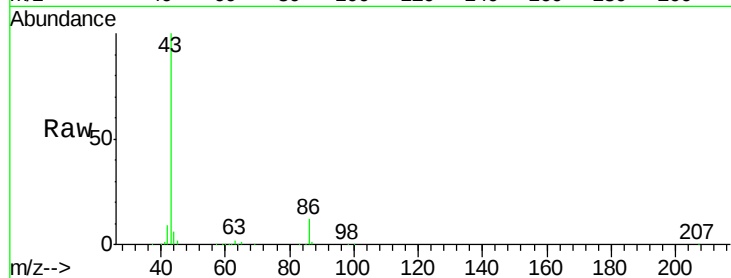
86 11.9 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 10.634 ug/l

RT: 6.05 min Scan# 707

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

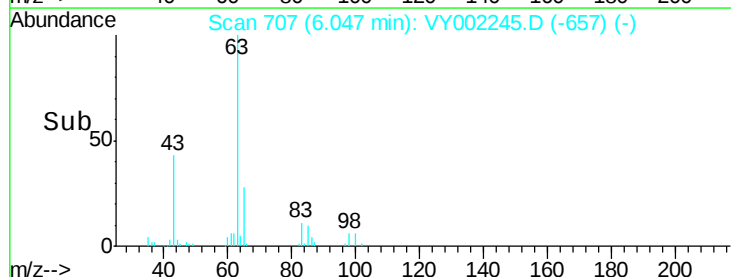
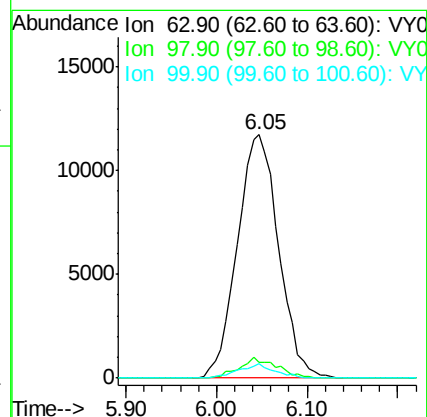
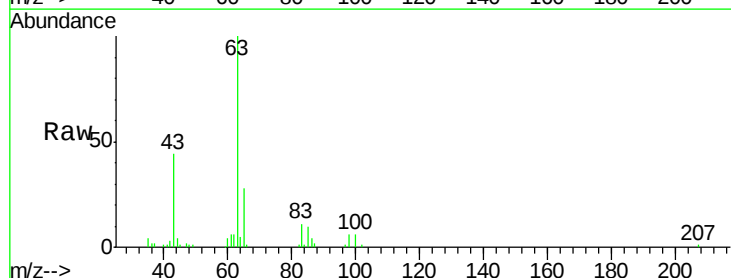
Tgt Ion: 63 Resp: 36857

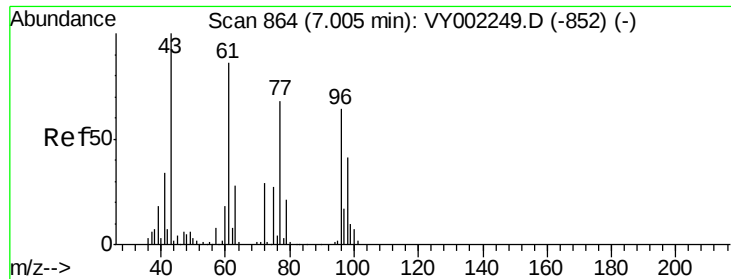
Ion Ratio Lower Upper

63 100

98 6.3 4.0 12.0

100 6.1 2.4 7.1





#25

2-Butanone

Concen: 53.719 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 38668

Ion Ratio Lower Upper

43 100

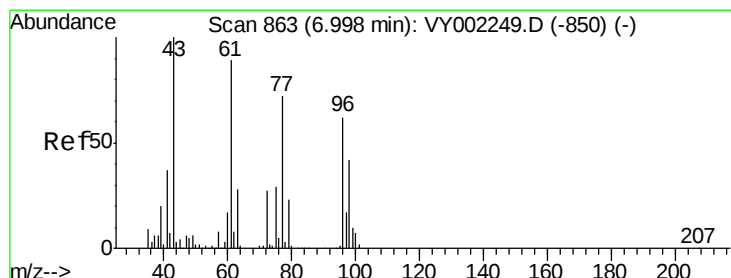
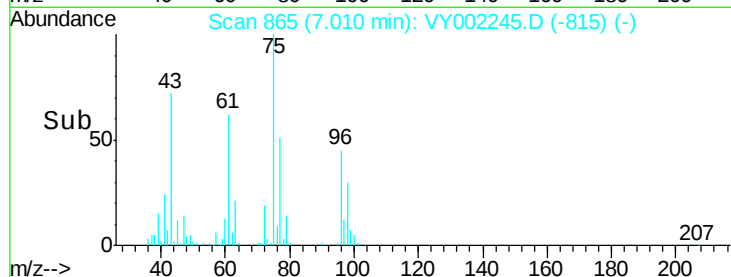
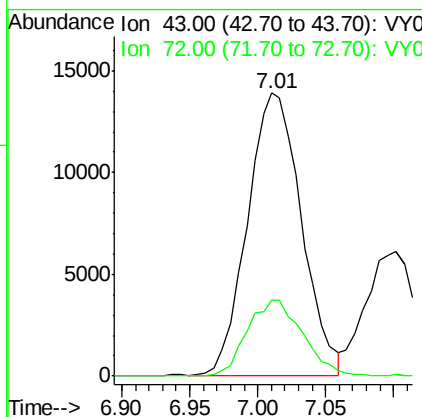
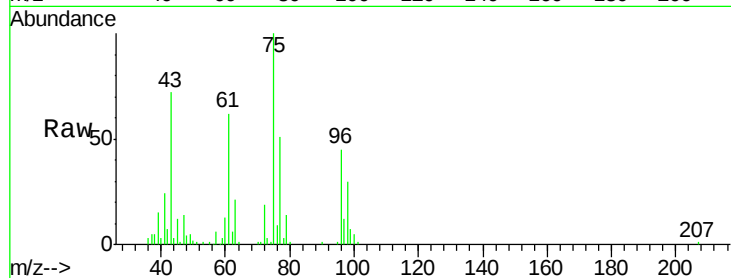
72 26.7 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 10.965 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY002245.D

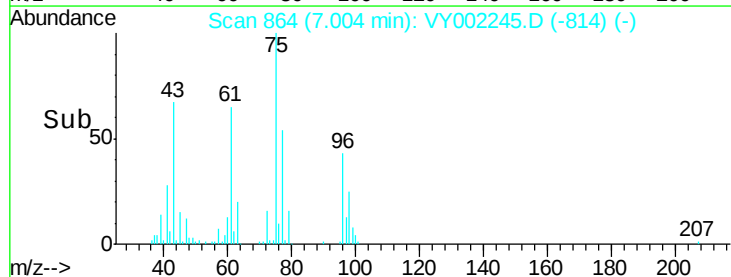
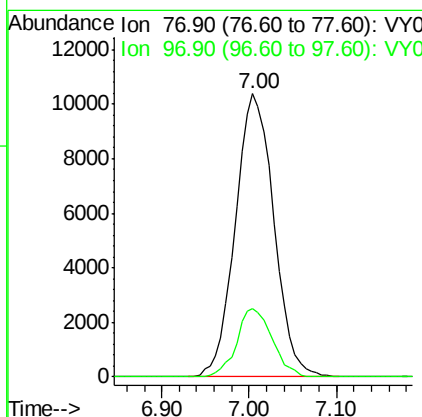
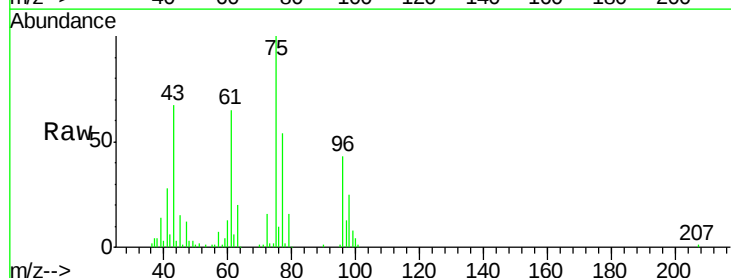
Acq: 08 Apr 2020 11:48

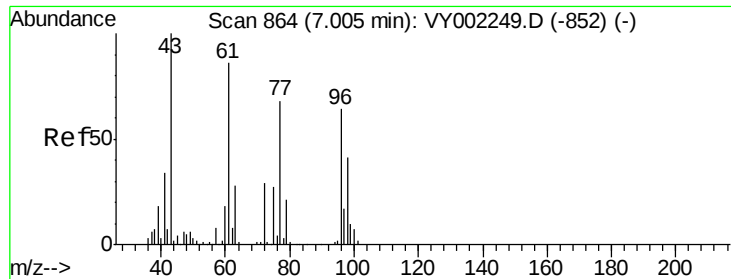
Tgt Ion: 77 Resp: 31792

Ion Ratio Lower Upper

77 100

97 22.2 12.2 36.6





#27

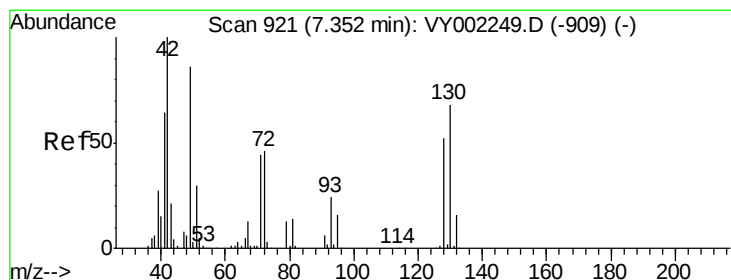
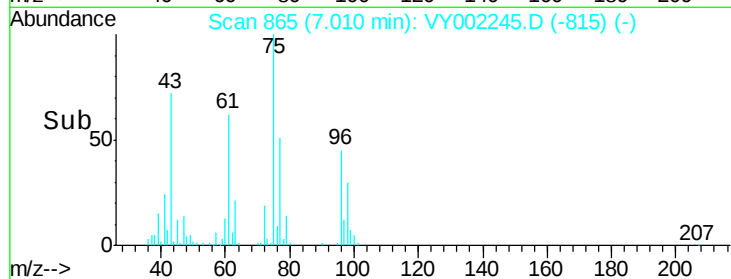
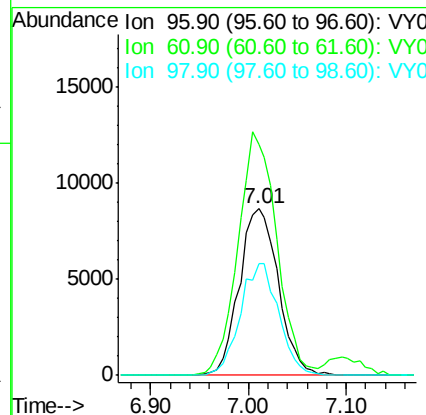
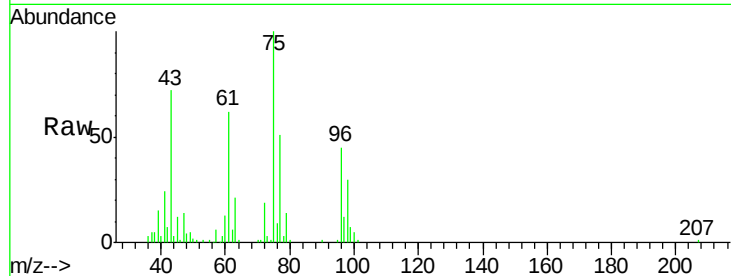
cis-1,2-Dichloroethene
 Concen: 10.456 ug/l
 RT: 7.01 min Scan# 865
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	278.0
98	65.9	0.0	128.6

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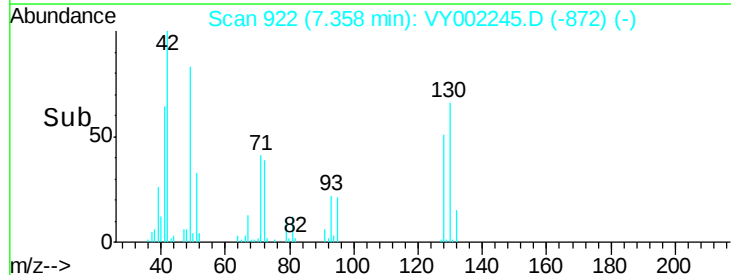
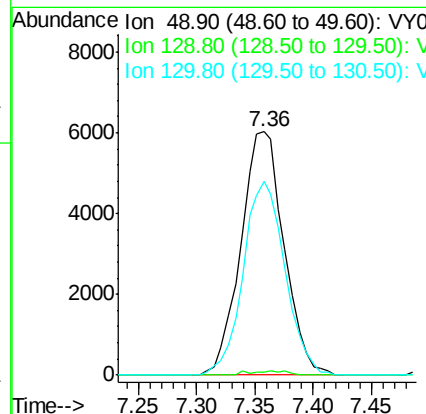
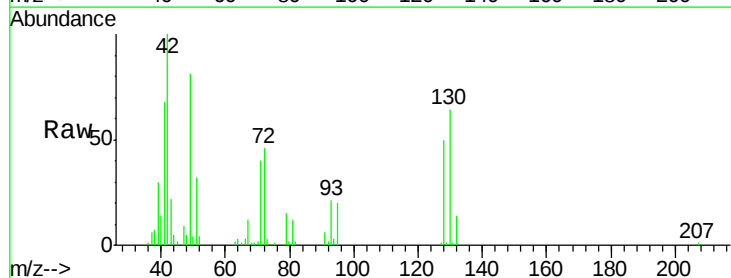
MMDadoda
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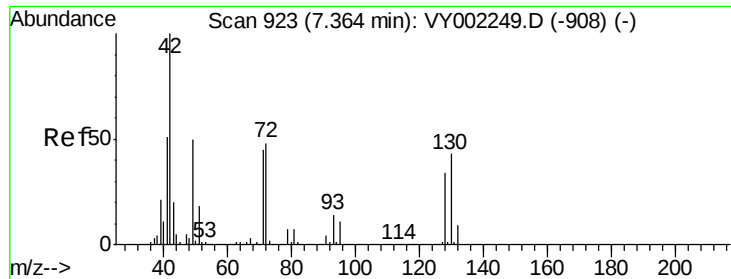


#28

Bromochloromethane
 Concen: 10.364 ug/l
 RT: 7.36 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	77.3	60.9	91.3





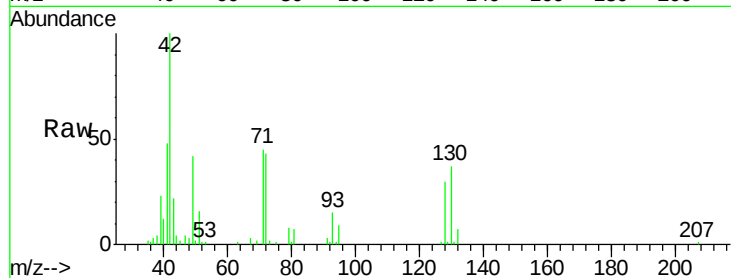
#29
Tetrahydrofuran
Concen: 54.996 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

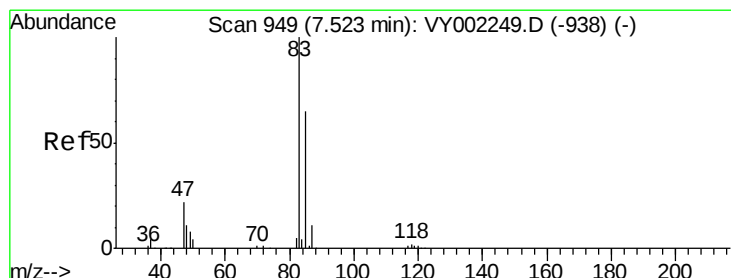
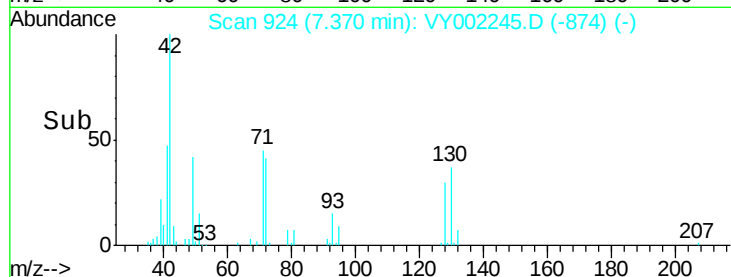
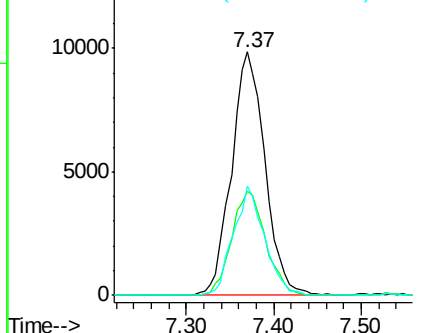
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	36.7	55.1
71	41.7	34.7	52.1

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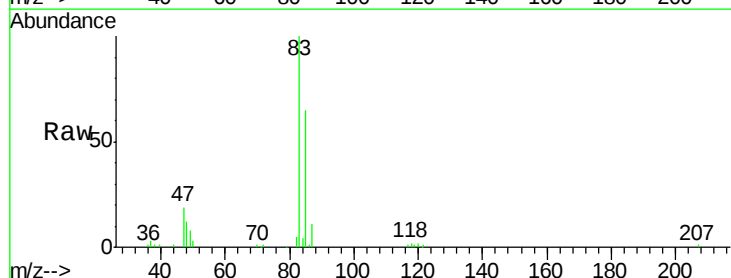


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

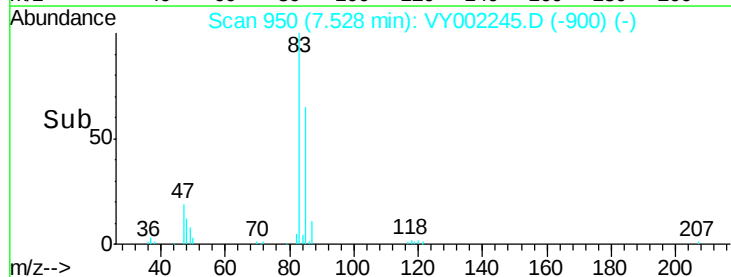
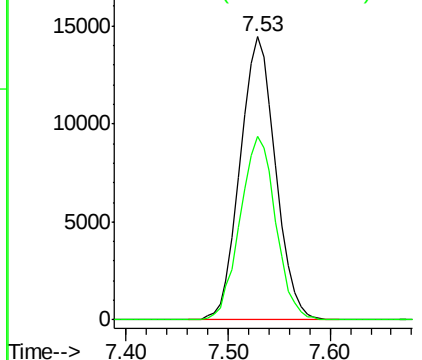


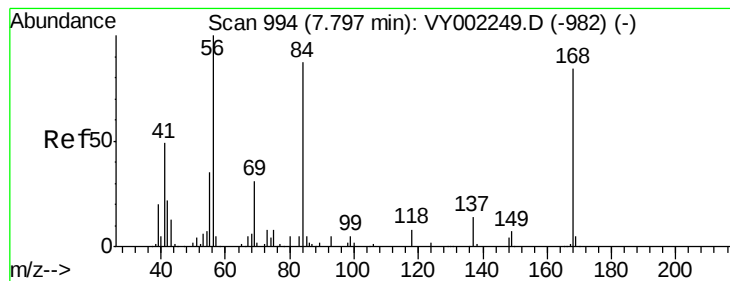
#30
Chloroform
Concen: 10.682 ug/l
RT: 7.53 min Scan# 950
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0



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





#31

Cyclohexane

Concen: 10.922 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

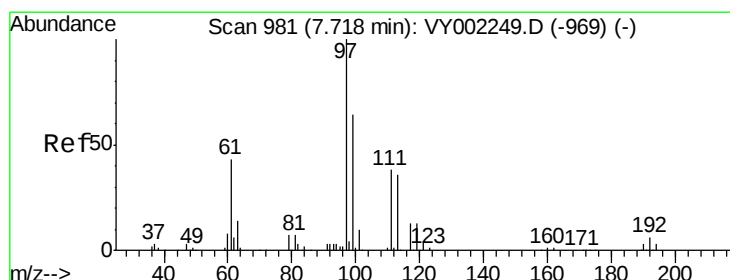
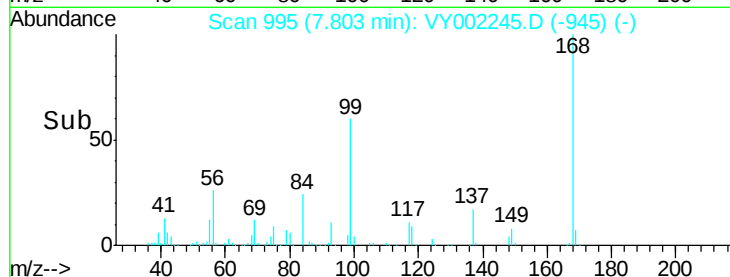
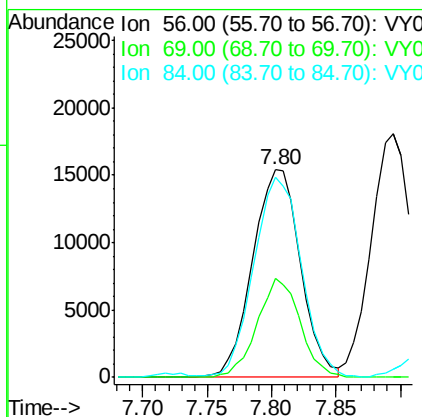
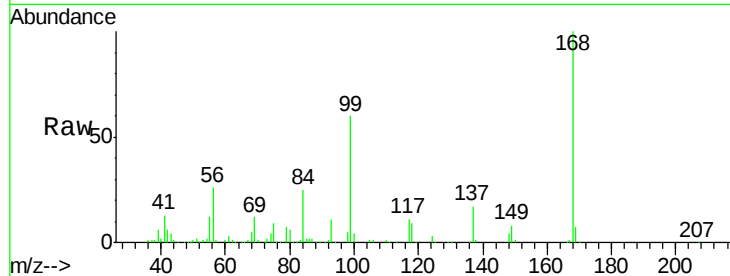
ClientSampleId :

VSTDIC010

Tot Ion:	56	Resp:	39737
Ion Ratio	Lower	Upper	
56	100		
69	47.8	25.0	37.6#
84	95.5	69.7	104.5

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#32

1,1,1-Trichloroethane

Concen: 10.492 ug/l

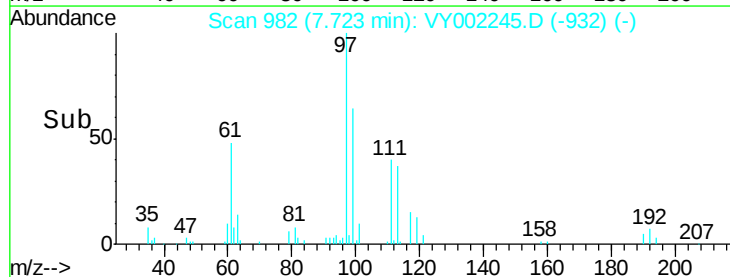
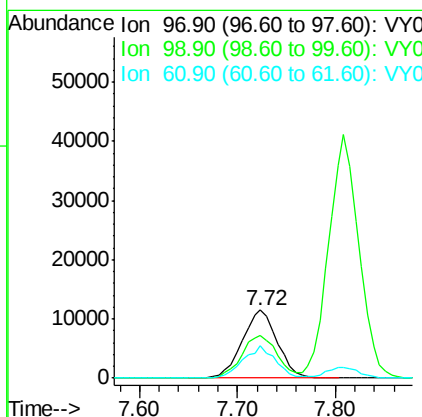
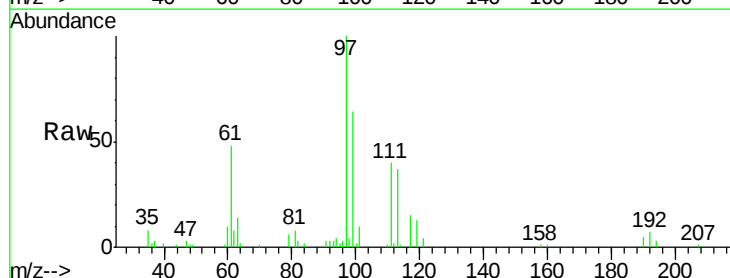
RT: 7.72 min Scan# 982

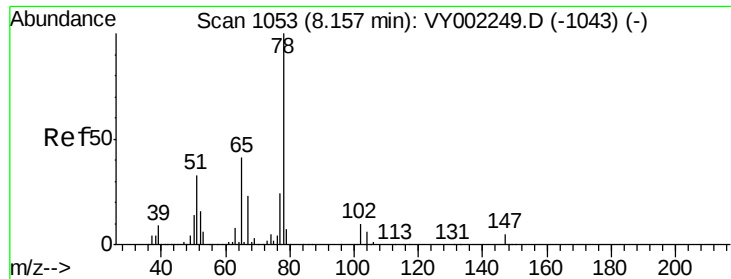
Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion:	97	Resp:	28533
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.3	76.9
61	44.2	34.3	51.5





#33

1,2-Dichloroethane-d4

Concen: 10.143 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 65 Resp: 17516

Ion Ratio Lower Upper

65 100

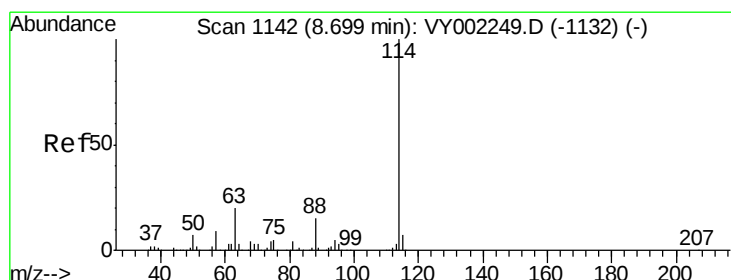
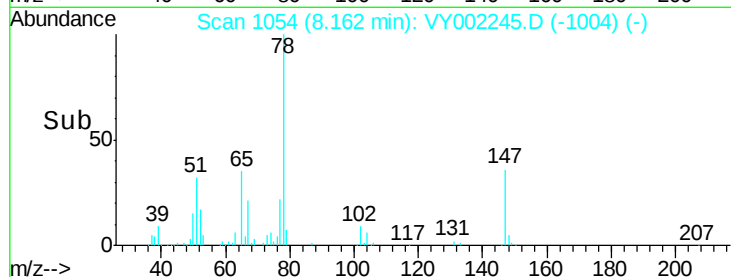
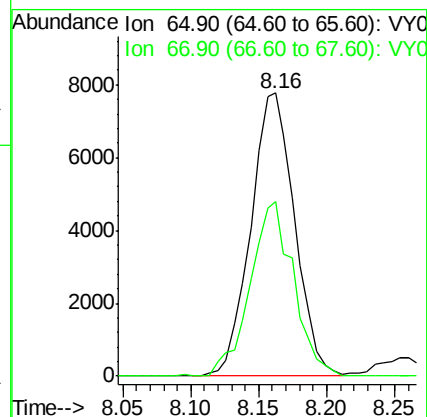
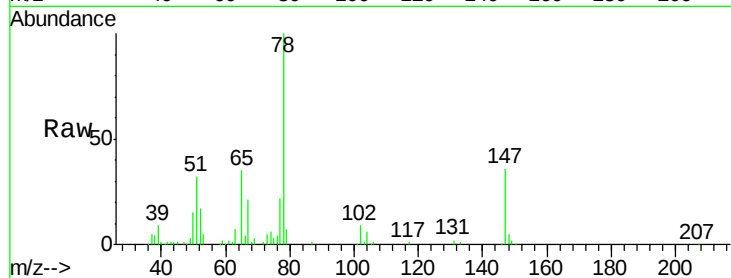
67 60.9 0.0 114.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

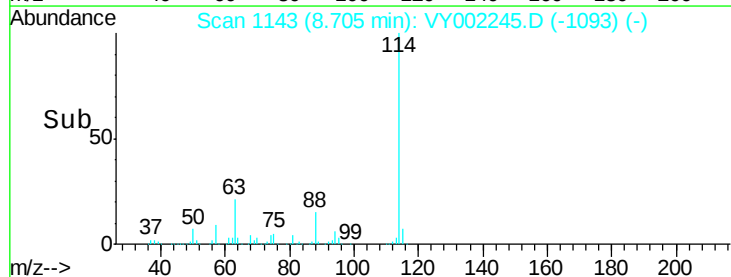
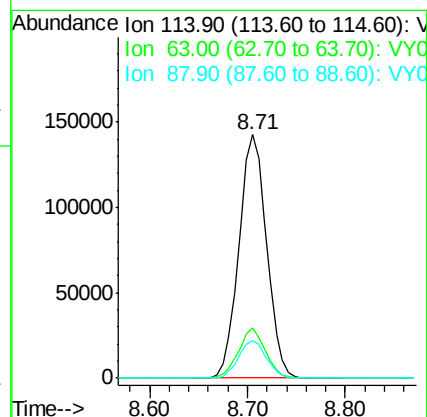
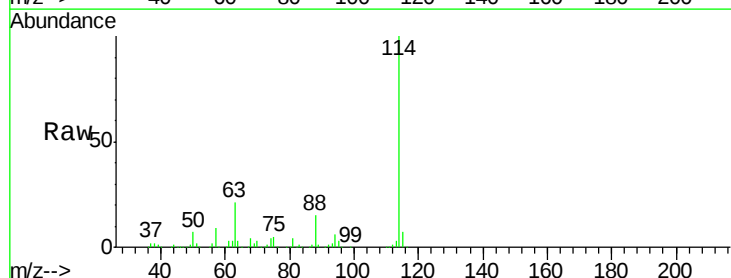
Tgt Ion: 114 Resp: 279747

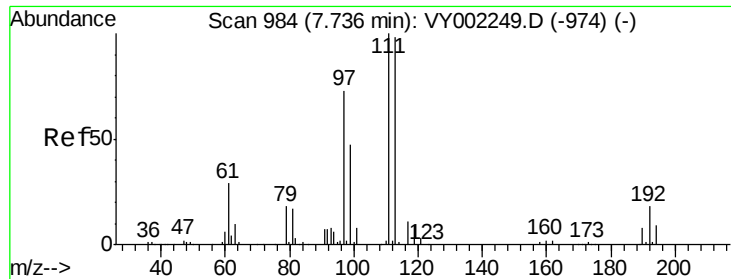
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

88 15.4 0.0 31.0





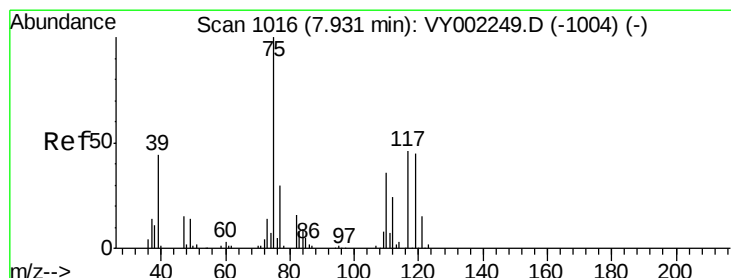
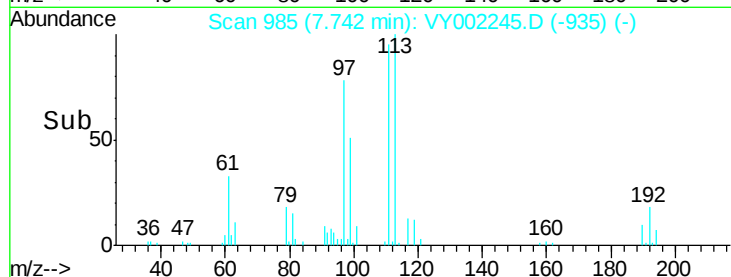
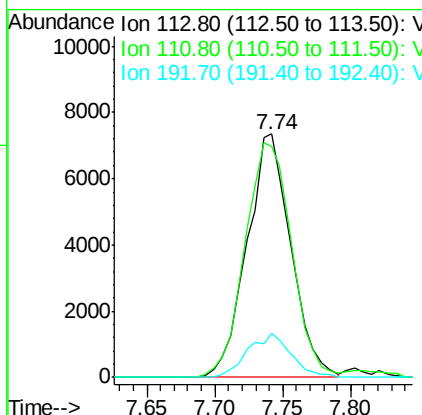
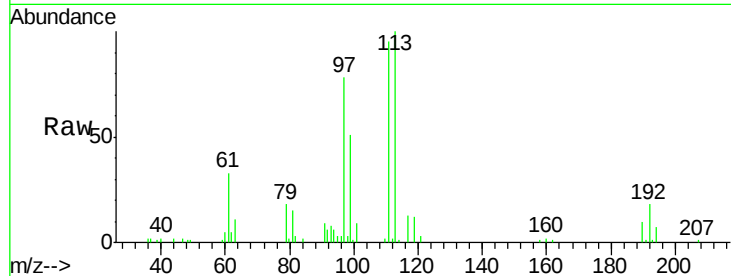
#35
 Dibromofluoromethane
 Concen: 9.989 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	16628		
111	102.4		83.5	125.3
192	17.7		14.7	22.1

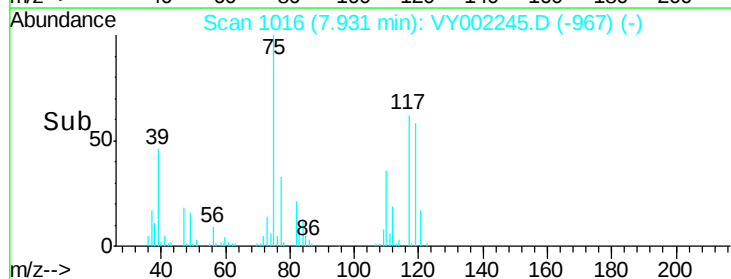
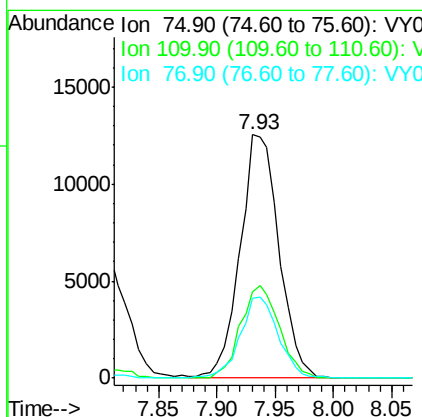
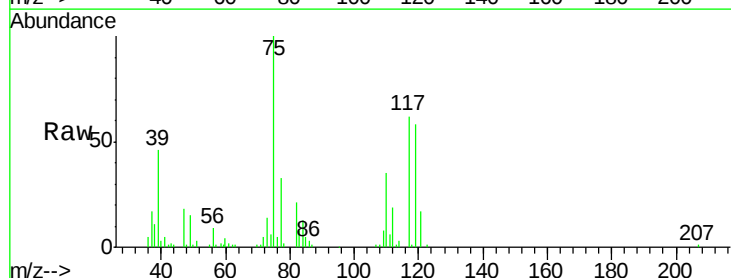
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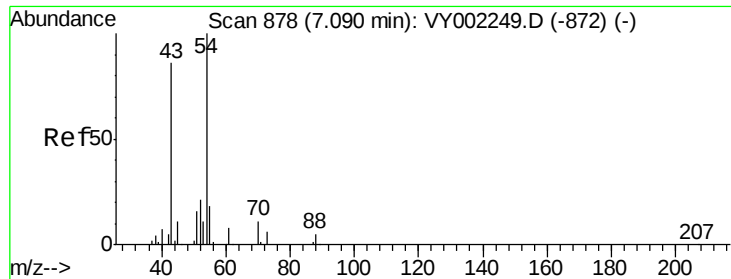
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#36
 1,1-Dichloropropene
 Concen: 10.584 ug/l
 RT: 7.93 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29164		
110	37.5		17.8	53.3
77	32.7		24.4	36.6





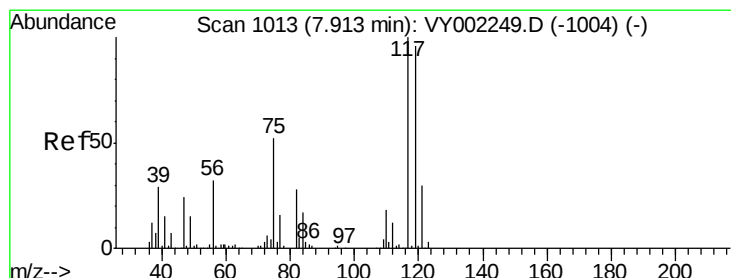
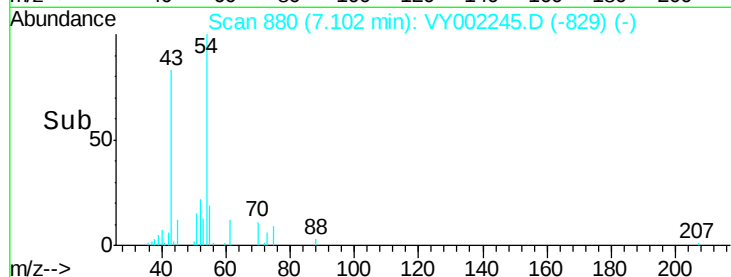
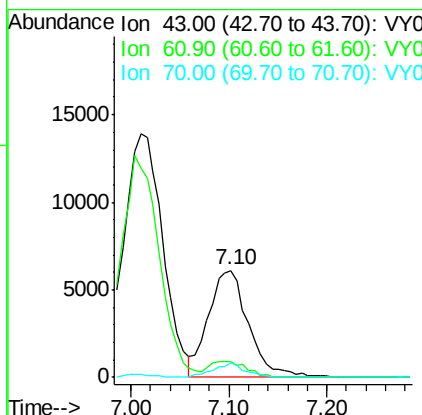
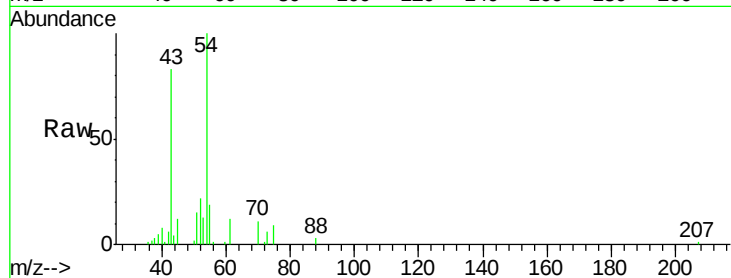
#37
Ethyl Acetate
Concen: 11.050 ug/l
RT: 7.10 min Scan# 880
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.8	17.6
70	10.4	9.1	13.7

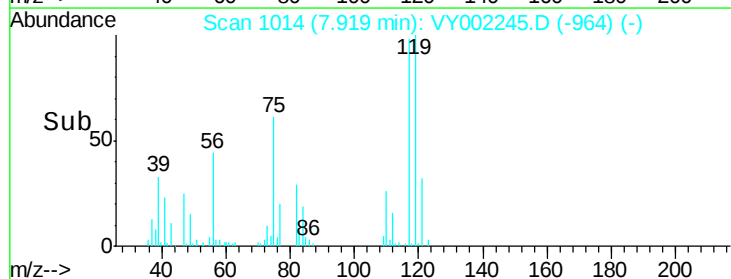
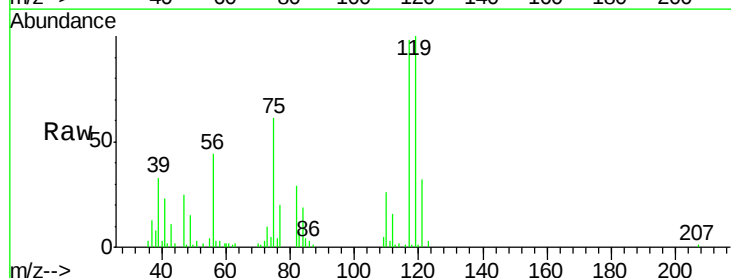
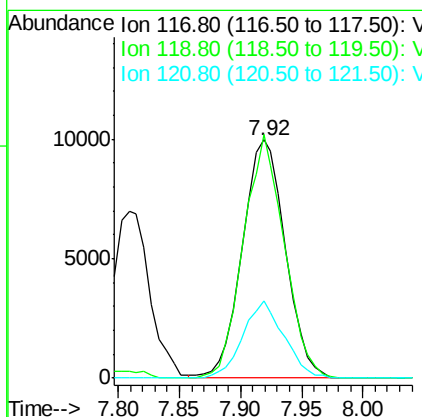
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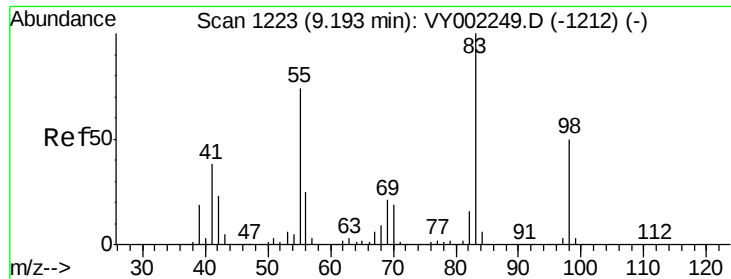
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#38
Carbon Tetrachloride
Concen: 10.347 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.2	77.1	115.7
121	32.6	23.9	35.9





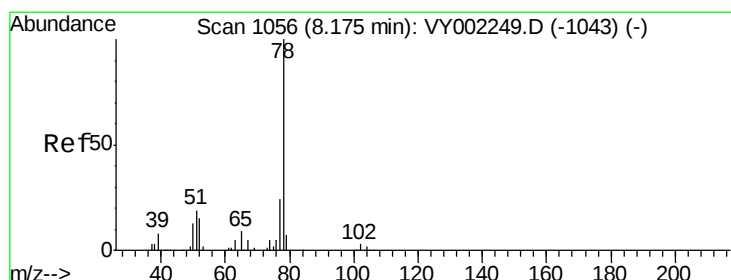
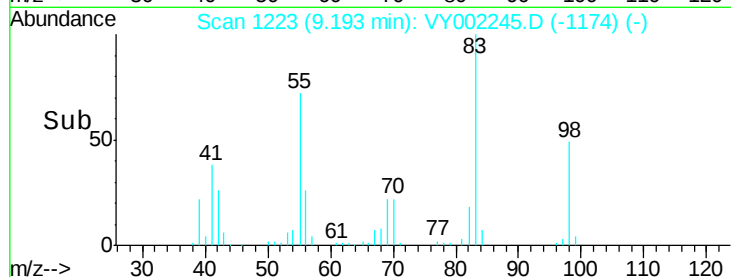
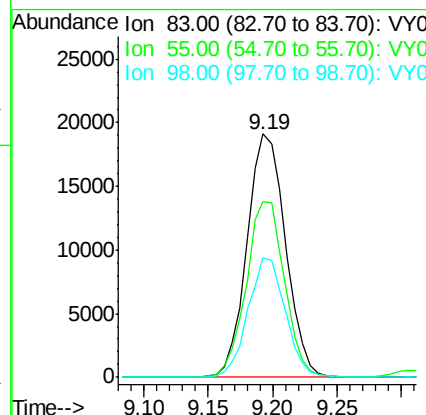
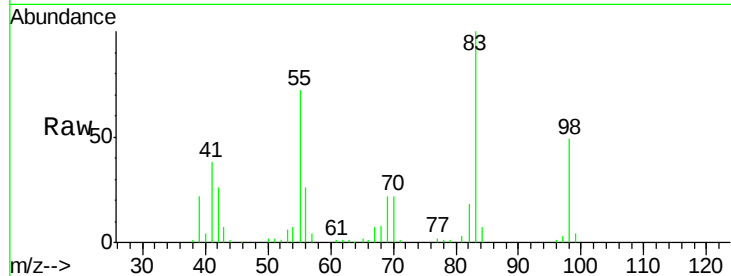
#39
Methvlcvclohexane
Concen: 10.534 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.5	59.3	88.9
98	49.0	39.6	59.4

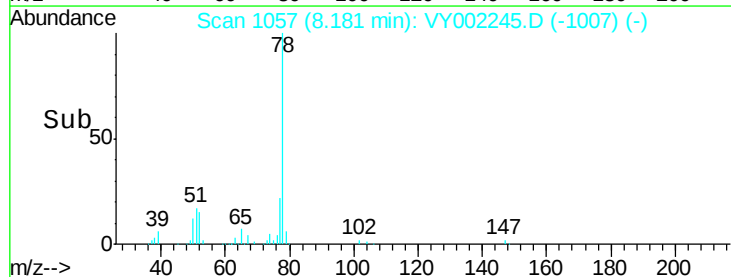
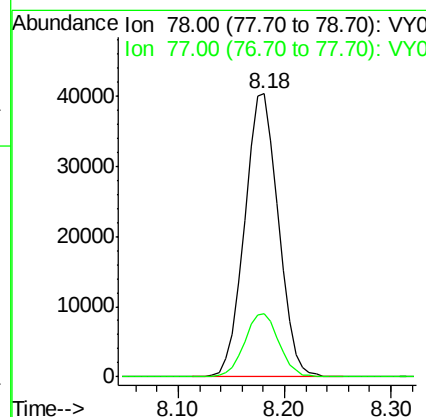
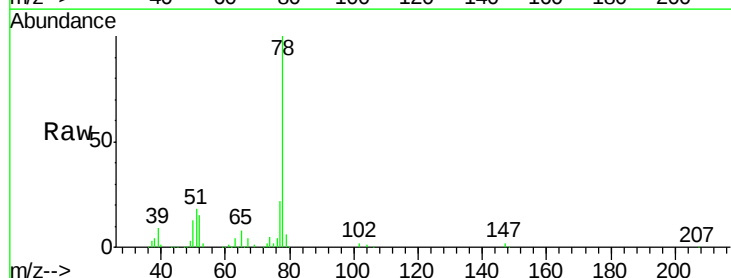
Manual Integrations
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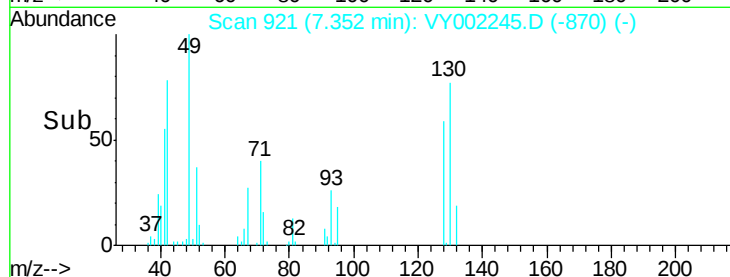
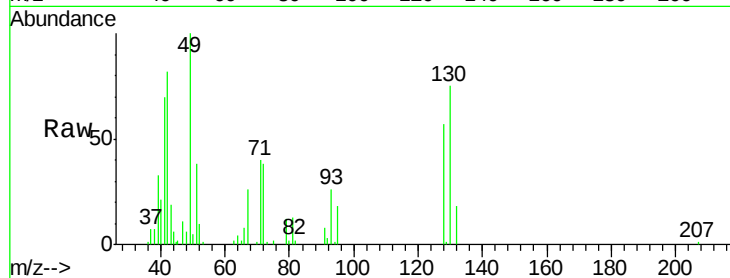
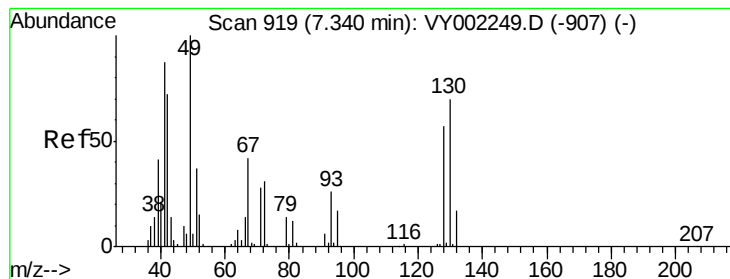
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#40
Benzene
Concen: 10.758 ug/l
RT: 8.18 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.9	28.3





#41

Methacrylonitrile

Concen: 9.875 ug/l m

RT: 7.35 min Scan# 921

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tot Ion	41	Resp	10269
Ion	Ratio	Lower	Upper
41	100		
39	96.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :

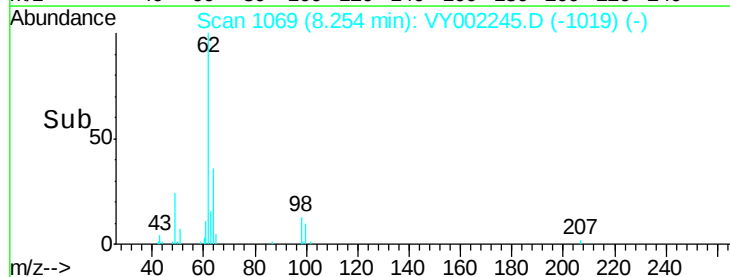
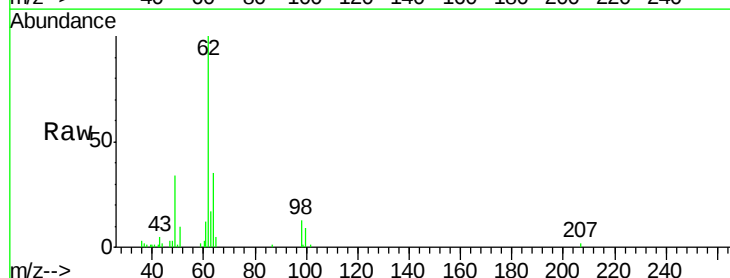
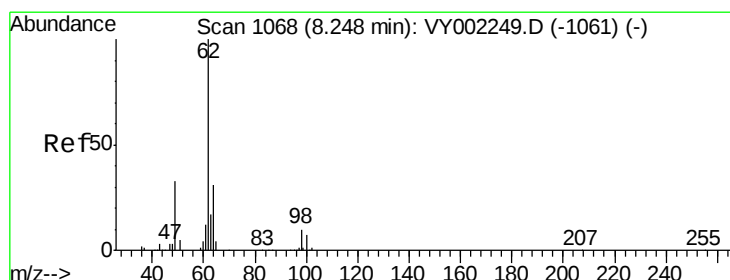
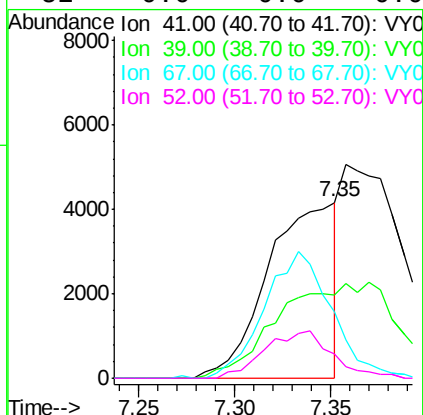
MSVOA_Y

ClientSampleId :

VSTDIC010

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#42

1,2-Dichloroethane

Concen: 10.656 ug/l

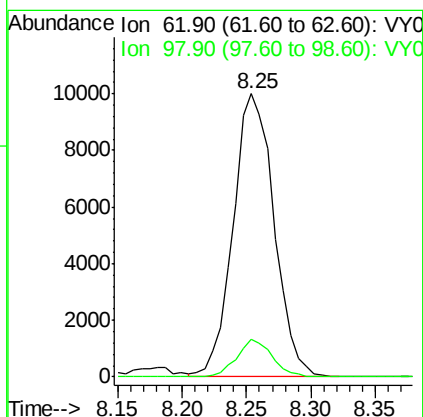
RT: 8.25 min Scan# 1069

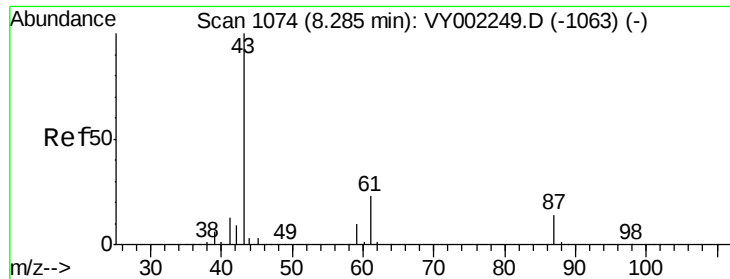
Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion	62	Resp	22067
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





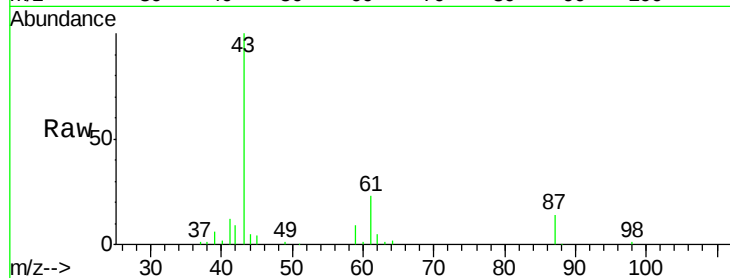
#43
Isopropyl Acetate
Concen: 10.588 ug/l
RT: 8.29 min Scan# 1075
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.9	37.3
87	14.5	11.7	17.5

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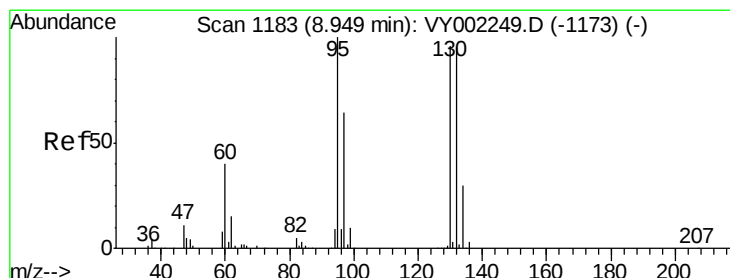
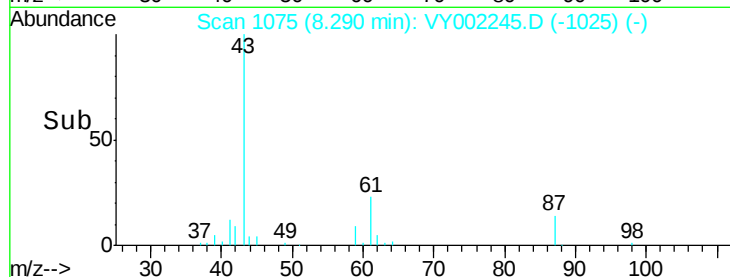
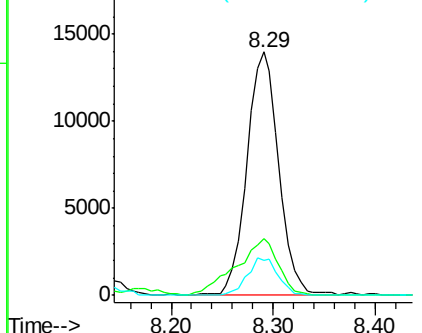
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Abundance Ion 43.00 (42.70 to 43.70): VY002245.D (-1063) (-)

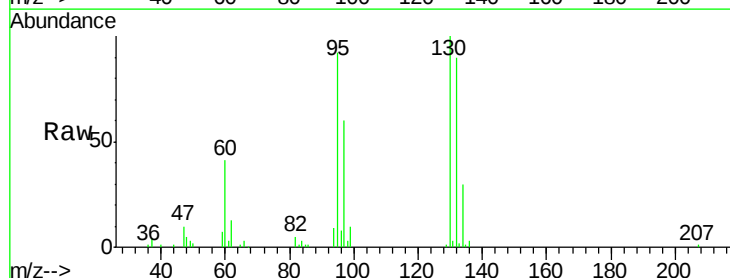
Ion 61.00 (60.70 to 61.70): VY002245.D (-1063) (-)

Ion 87.00 (86.70 to 87.70): VY002245.D (-1063) (-)



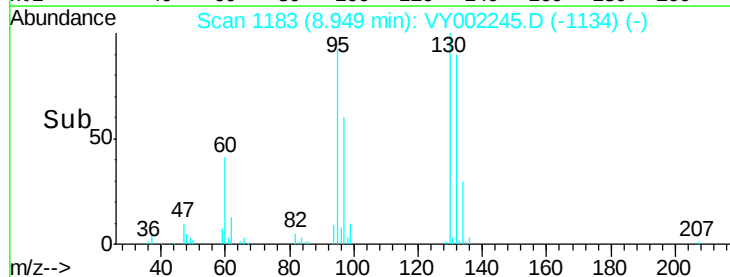
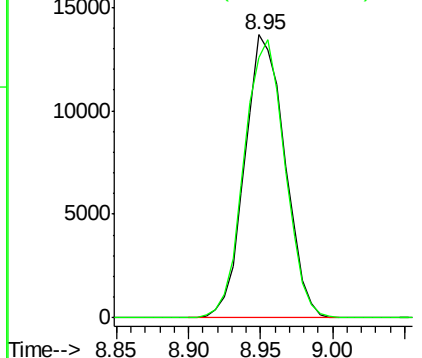
#44
Trichloroethene
Concen: 10.739 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

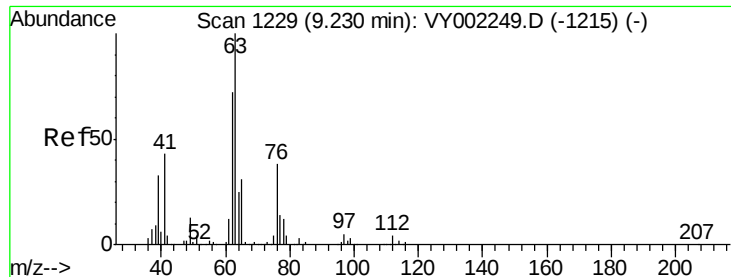
Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	208.2



Abundance Ion 129.80 (129.50 to 130.50): VY002245.D (-1173) (-)

Ion 94.90 (94.60 to 95.60): VY002245.D (-1173) (-)





#45

1,2-Dichloropropane

Concen: 10.764 ug/l

RT: 9.23 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 63 Resp: 22327

Ion Ratio Lower Upper

63 100

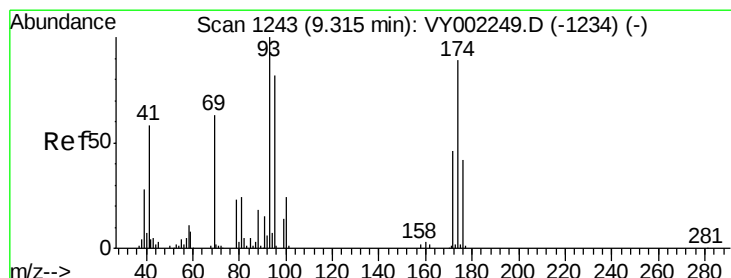
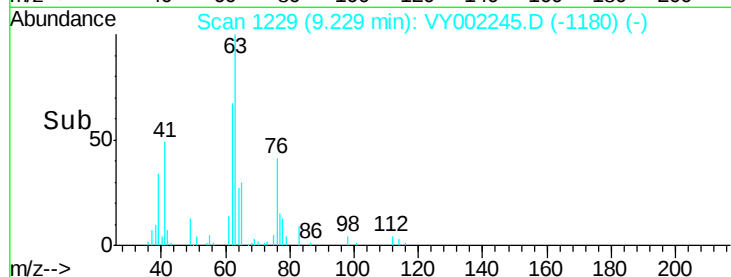
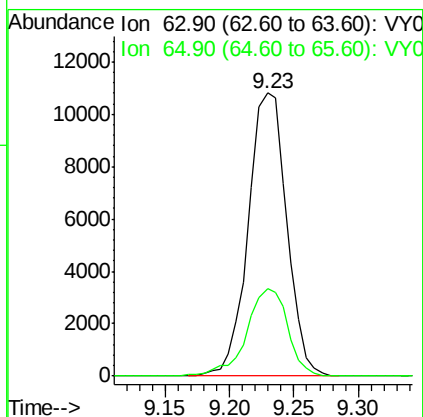
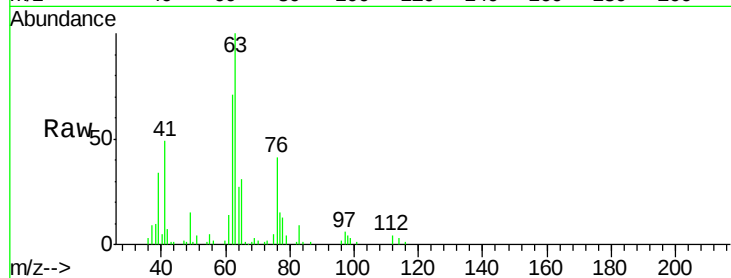
65 31.0 24.6 37.0

Manual Integrations

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#46

Dibromomethane

Concen: 10.603 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

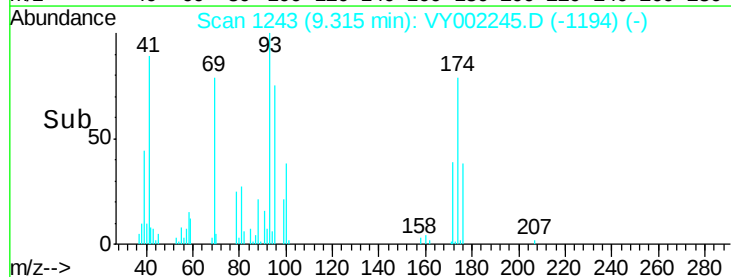
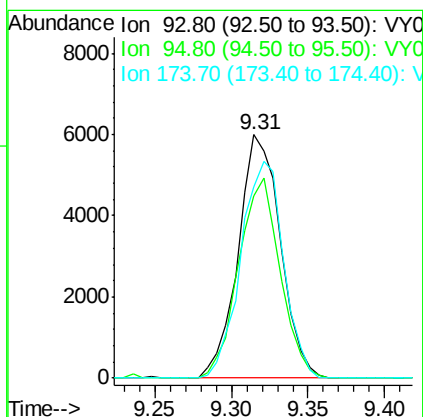
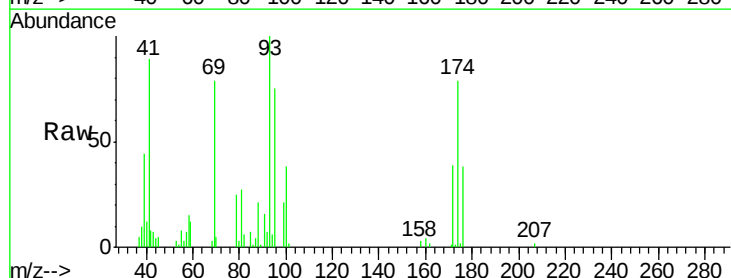
Tgt Ion: 93 Resp: 11500

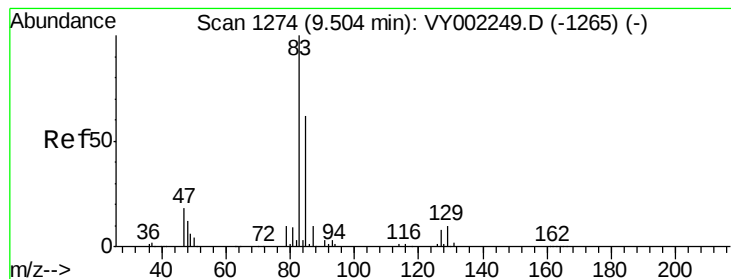
Ion Ratio Lower Upper

93 100

95 80.8 67.3 100.9

174 90.0 72.5 108.7





#47

Bromodichloromethane

Concen: 10.421 ug/l

RT: 9.51 min Scan# 1275

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

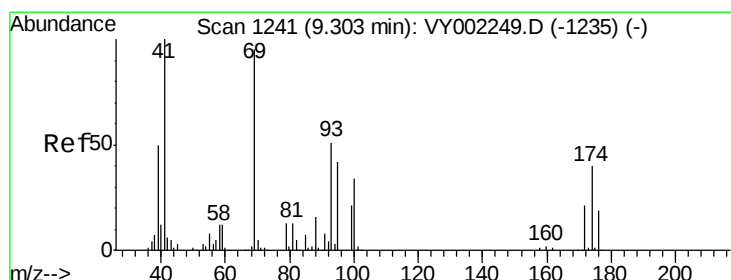
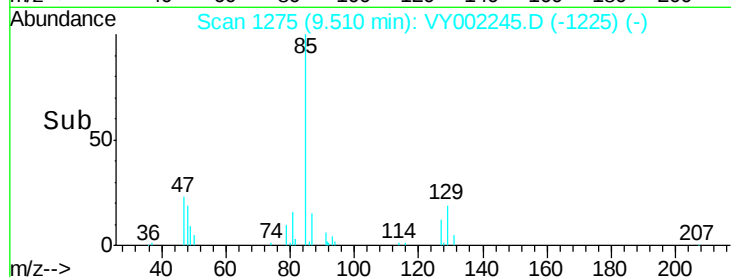
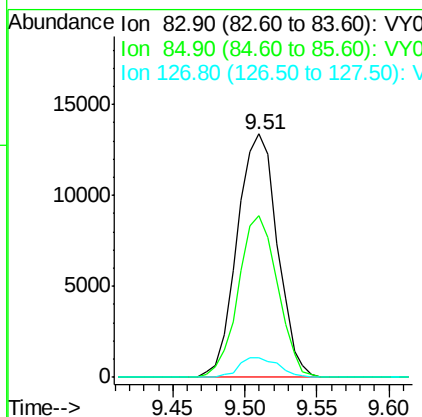
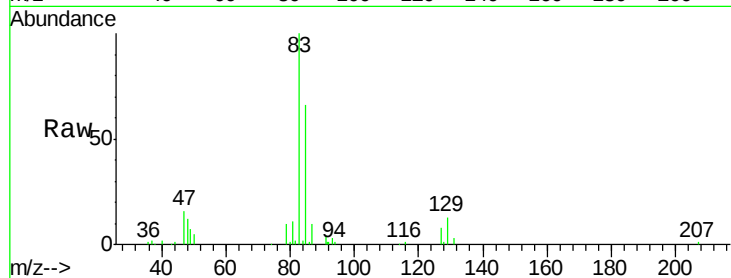
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	25934
Ion	Ratio	Lower	Upper
83	100		
85	66.3	49.7	74.5
127	8.1	6.2	9.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 10.215 ug/l

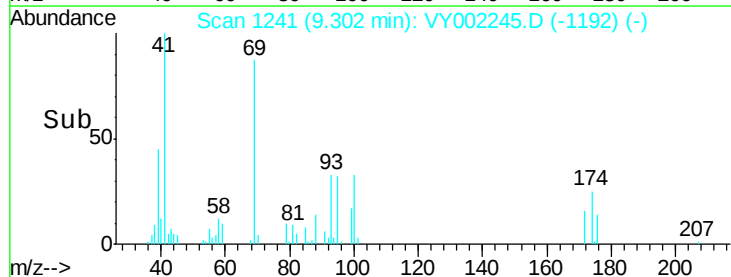
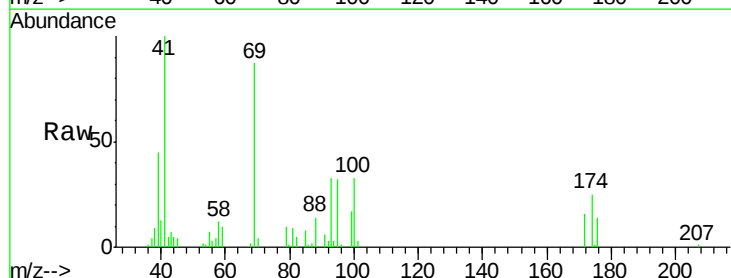
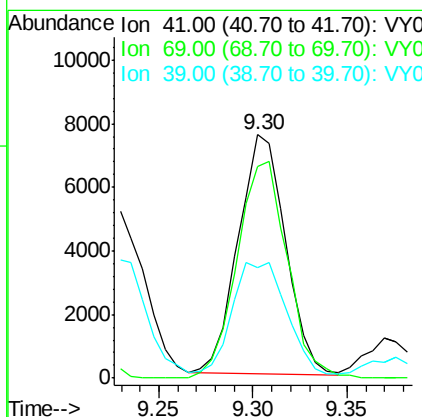
RT: 9.30 min Scan# 1241

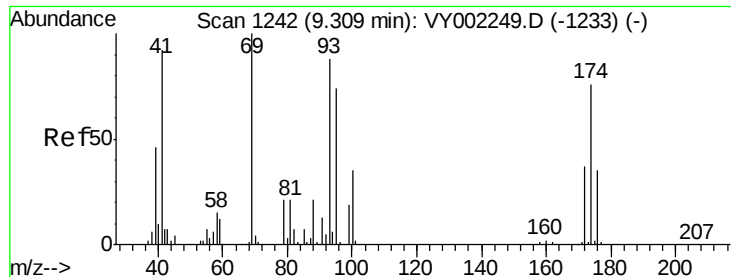
Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion:	41	Resp:	13149
Ion	Ratio	Lower	Upper
41	100		
69	95.9	76.7	115.1
39	53.7	40.5	60.7





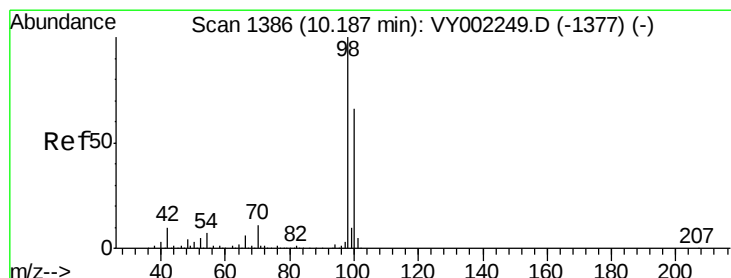
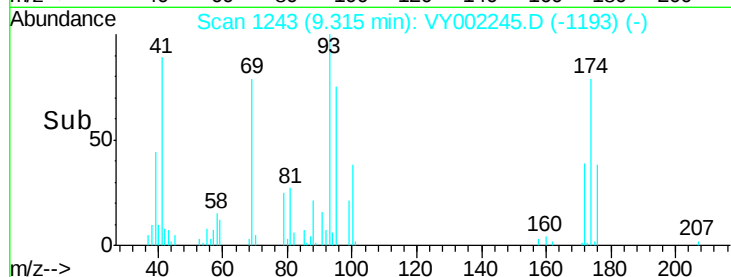
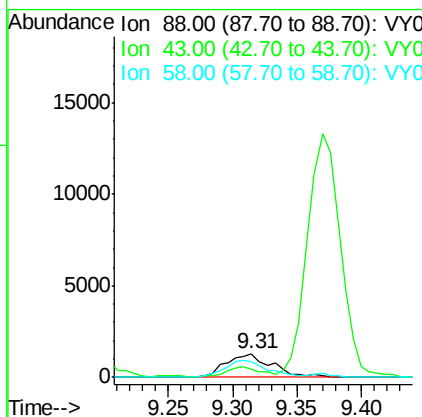
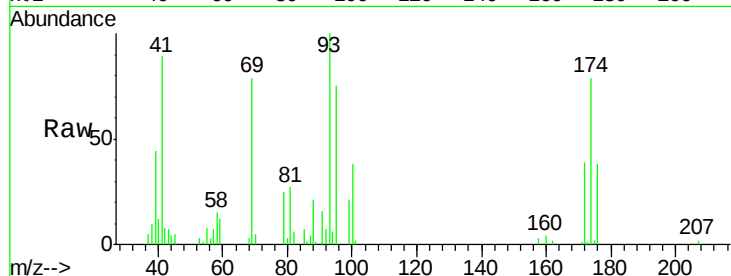
#49
1,4-Dioxane
Concen: 212.493 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	22.2	33.2#
58	65.4	57.6	86.4

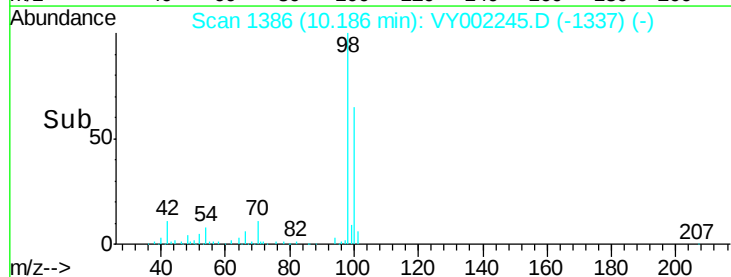
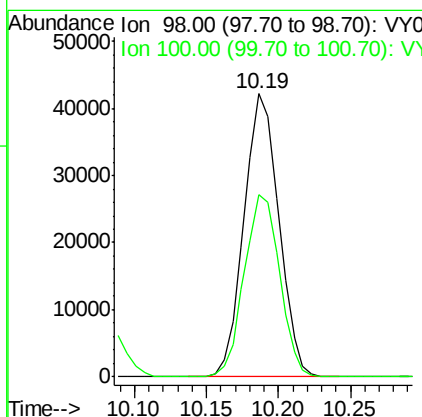
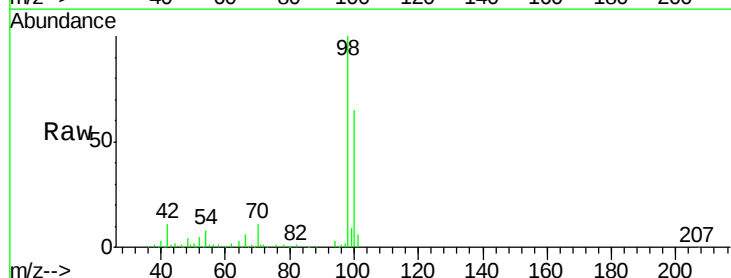
Manual Integrations
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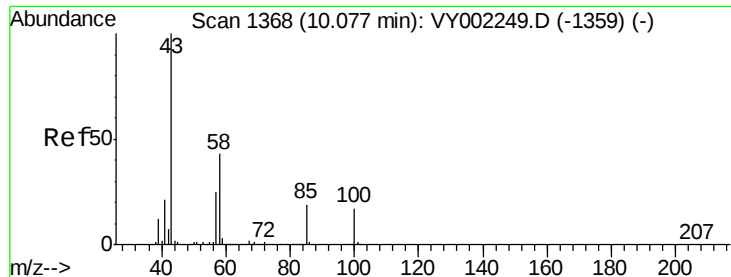
MMDadoda
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#50
Toluene-d8
Concen: 10.151 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 54.440 ug/l

RT: 10.08 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 81440

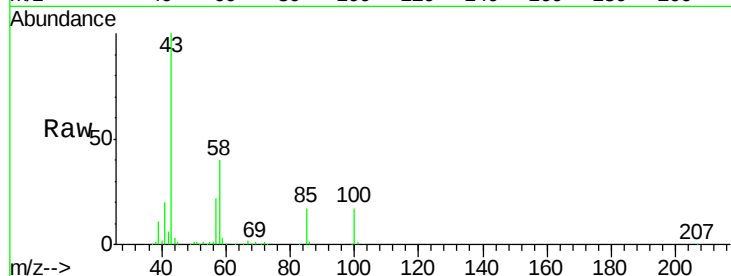
Ion Ratio Lower Upper

43 100

58 40.3 33.8 50.8

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Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-1359) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-1359) (-)

50000

40000

30000

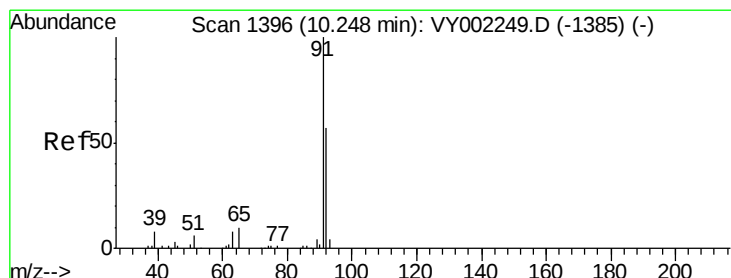
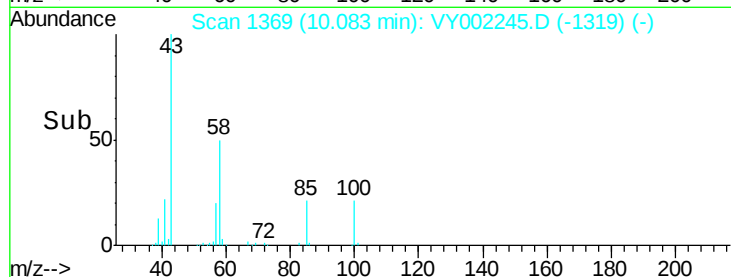
20000

10000

0

Time-->

10.00 10.10 10.20



#52

Toluene

Concen: 10.558 ug/l

RT: 10.25 min Scan# 1397

Delta R.T. 0.01 min

Lab File: VY002245.D

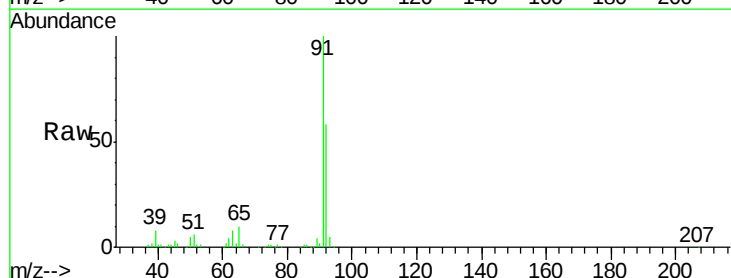
Acq: 08 Apr 2020 11:48

Tgt Ion: 92 Resp: 53195

Ion Ratio Lower Upper

92 100

91 174.2 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VY002249.D (-1385) (-)

Ion 91.00 (90.70 to 91.70): VY002249.D (-1385) (-)

60000

50000

40000

30000

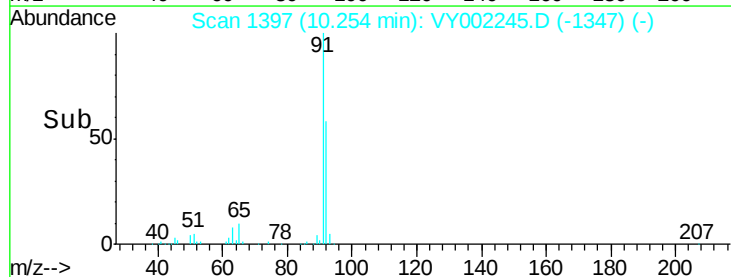
20000

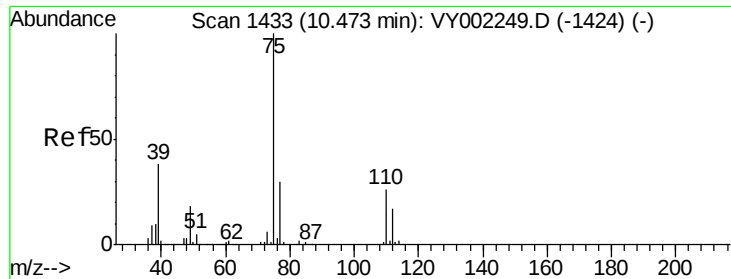
10000

0

Time-->

10.20 10.25 10.30





#53

t-1,3-Dichloropropene

Concen: 10.148 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 27515

Ion Ratio Lower Upper

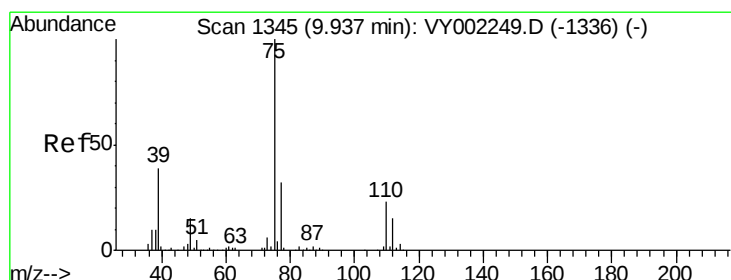
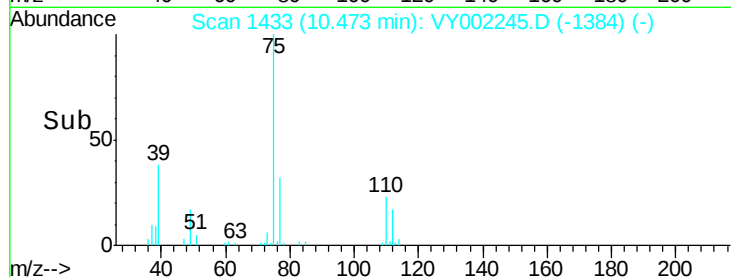
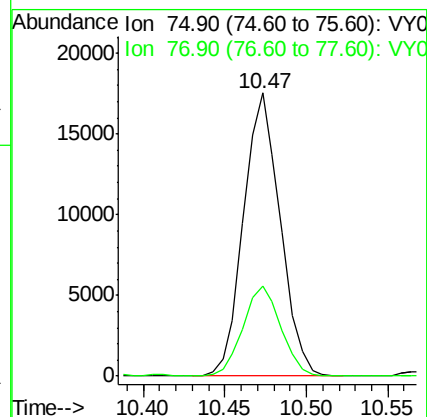
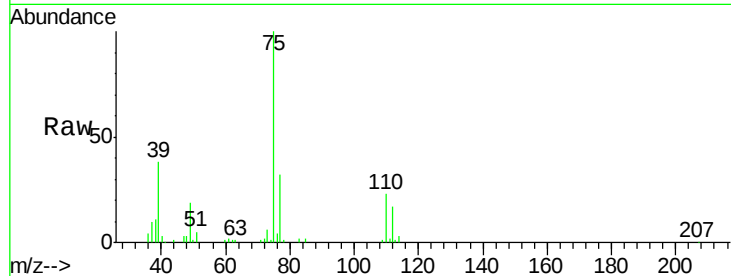
75 100

77 32.0 24.2 36.2

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#54

cis-1,3-Dichloropropene

Concen: 10.489 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

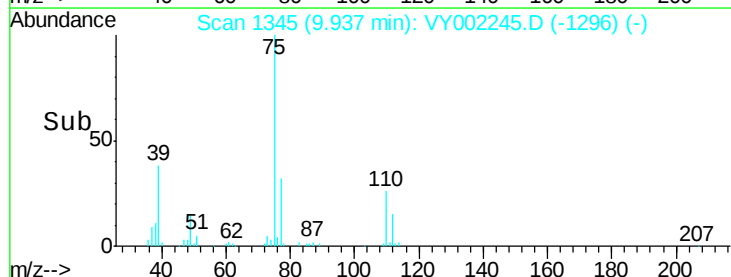
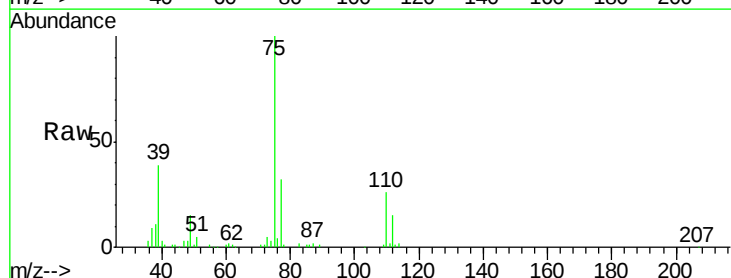
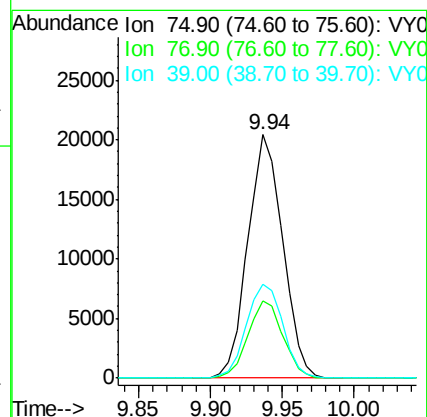
Tgt Ion: 75 Resp: 34191

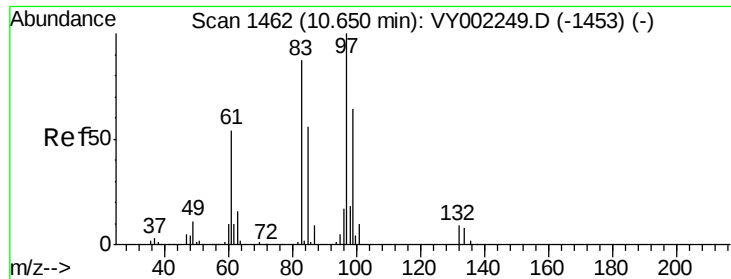
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 38.6 30.8 46.2





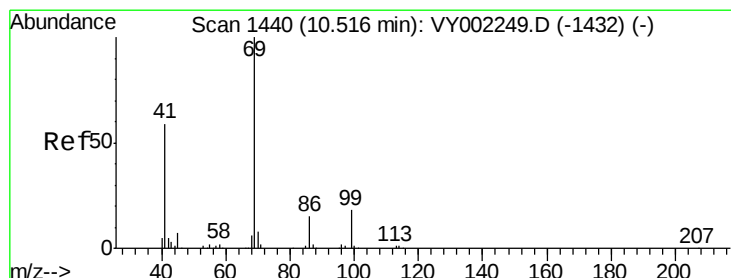
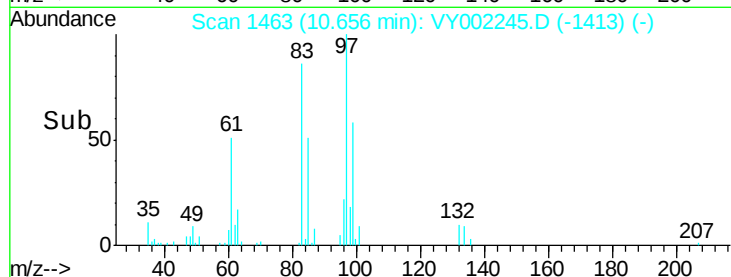
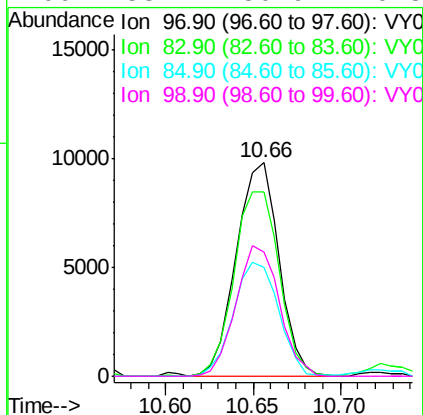
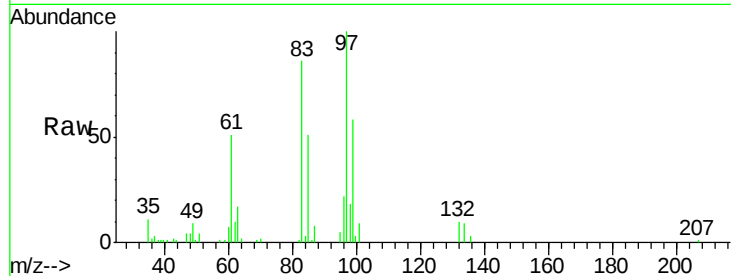
#55
 1,1,2-Trichloroethane
 Concen: 10.537 ug/l
 RT: 10.66 min Scan# 1463
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	16731
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.5	104.3
85	51.2	45.2	67.8
99	58.4	50.9	76.3

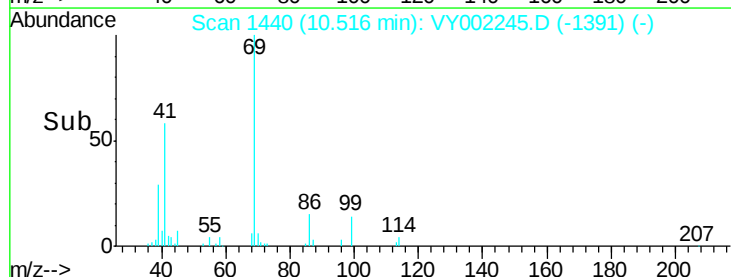
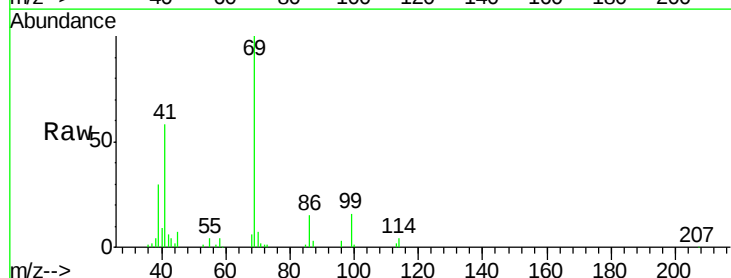
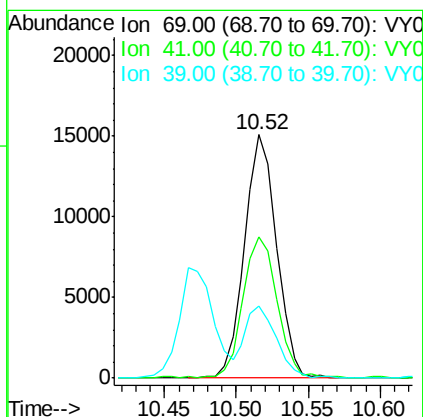
Manual Integrations
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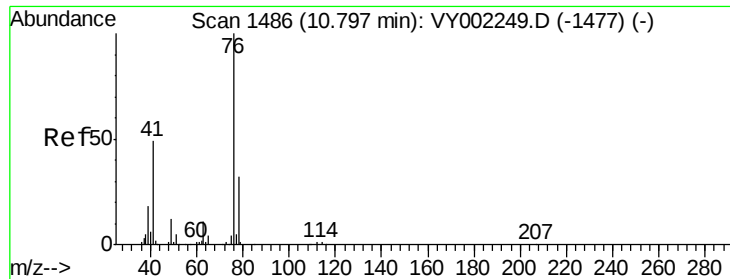
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 4/9/2020 11:31:42 AM



#56
 Ethyl methacrylate
 Concen: 10.255 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion:	69	Resp:	23240
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.9	71.9
39	29.3	23.8	35.6





#57

1,3-Dichloropropane

Concen: 10.737 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 29965

Ion Ratio Lower Upper

76 100

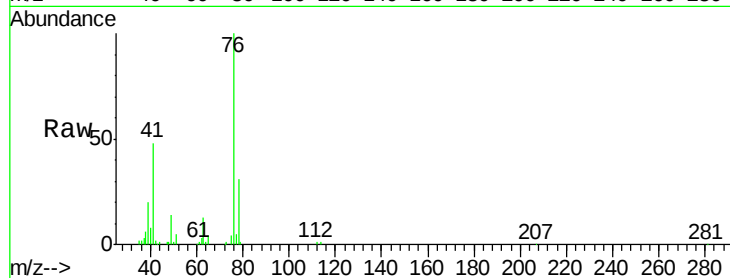
78 32.0 25.8 38.6

Manual Integrations

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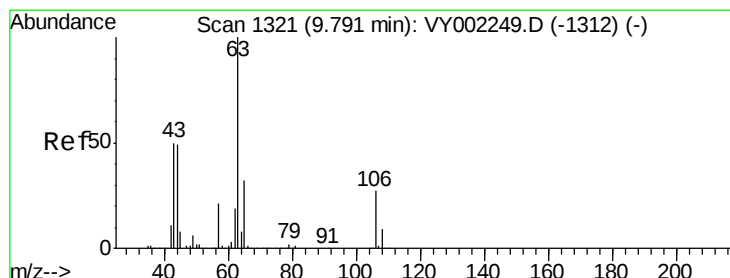
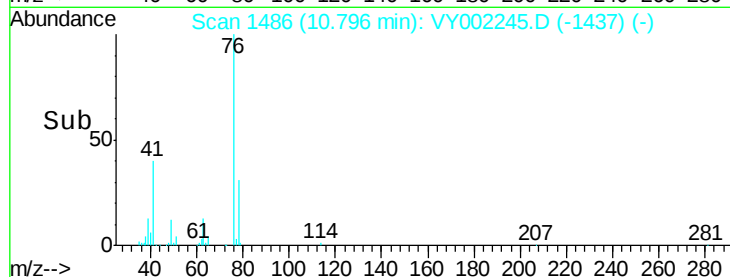
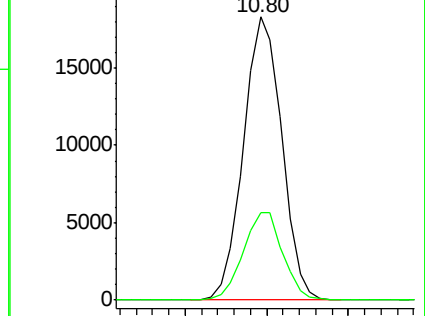
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 50.075 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.01 min

Lab File: VY002245.D

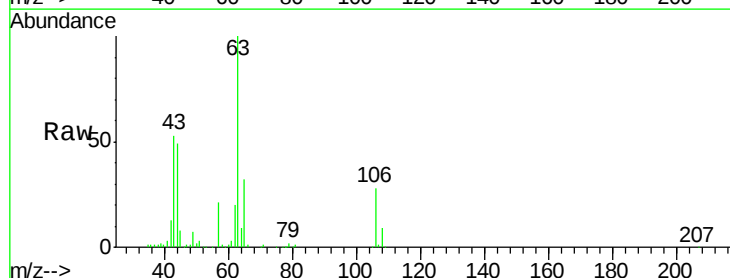
Acq: 08 Apr 2020 11:48

Tgt Ion: 63 Resp: 58766

Ion Ratio Lower Upper

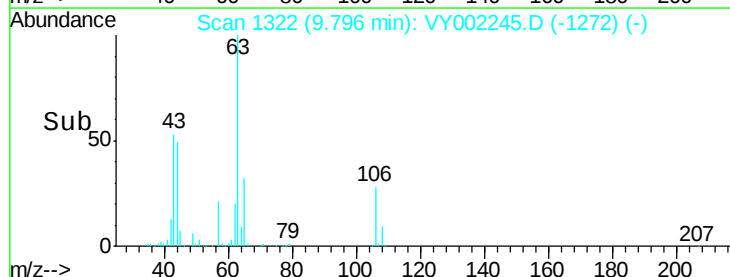
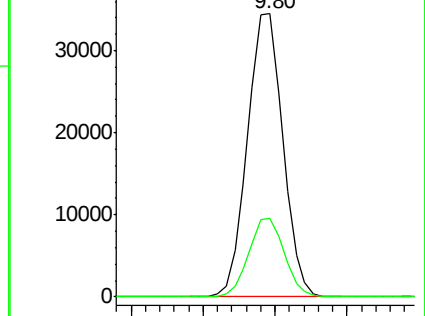
63 100

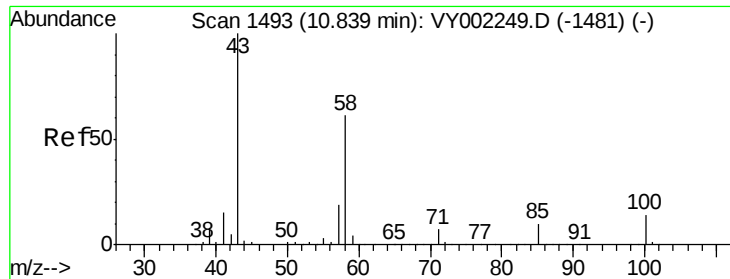
106 27.8 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





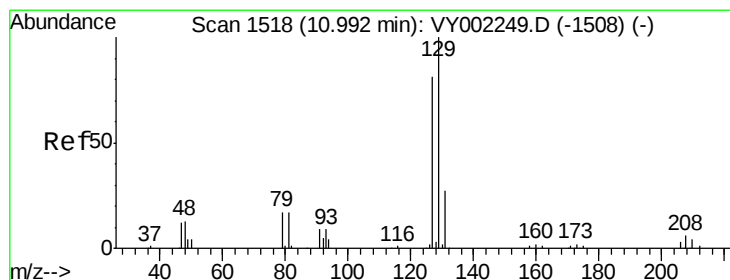
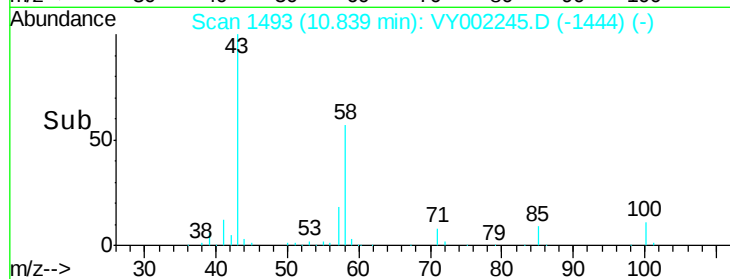
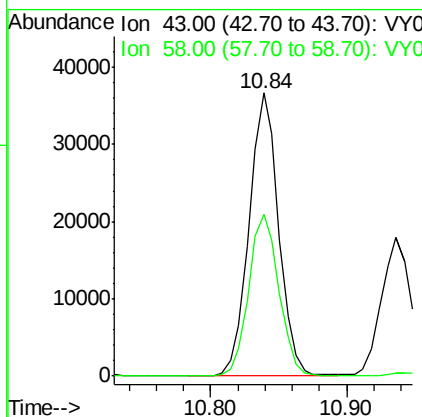
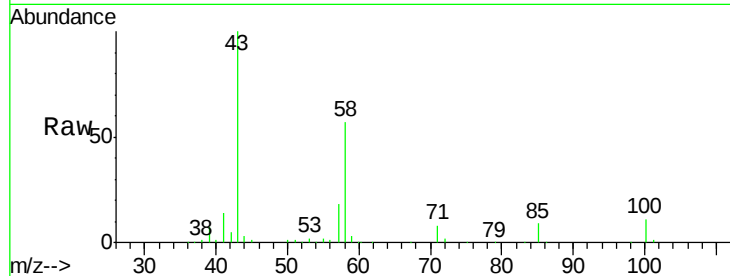
#59
2-Hexanone
Concen: 53.903 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 55964
Ion Ratio Lower Upper
43 100
58 58.2 29.8 89.3

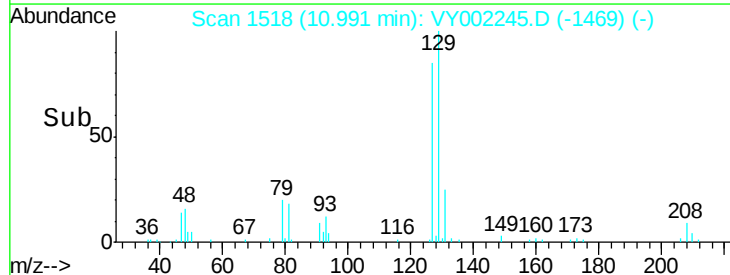
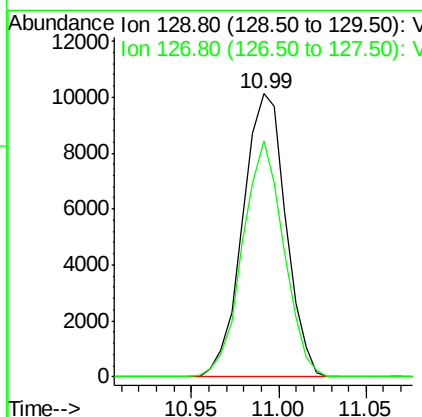
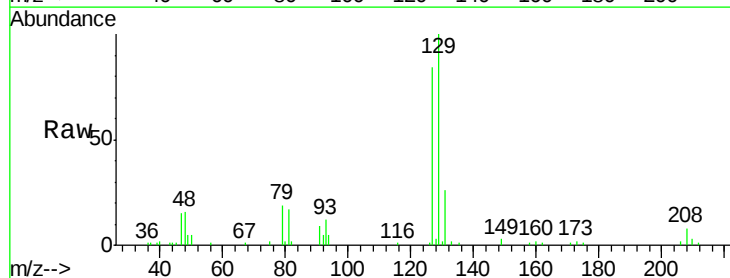
Manual Integrations
APPROVED

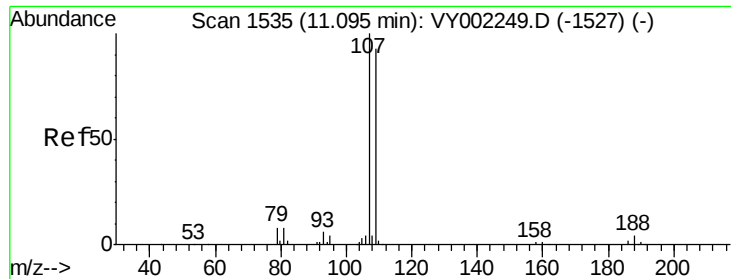
MMDadoda
4/9/2020 11:31:42 AM



#60
Dibromochloromethane
Concen: 10.218 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 129 Resp: 17301
Ion Ratio Lower Upper
129 100
127 79.9 39.0 117.0





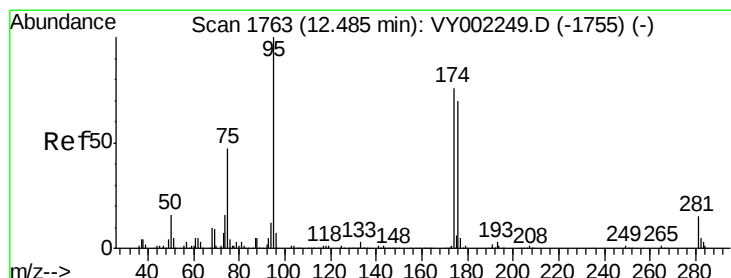
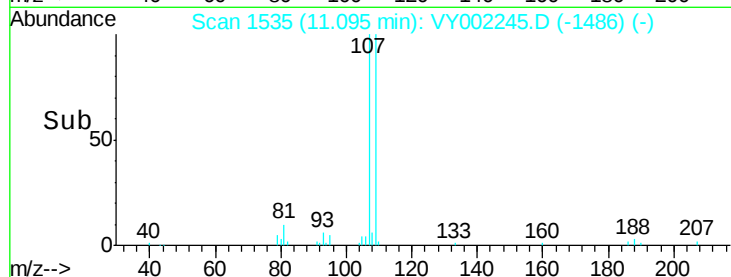
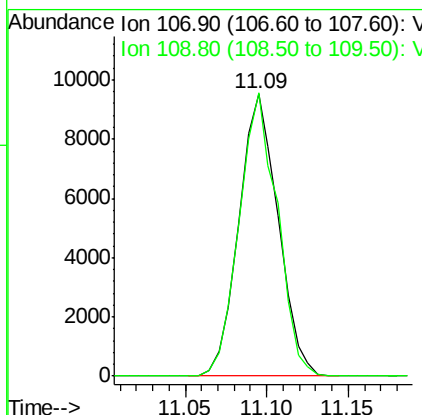
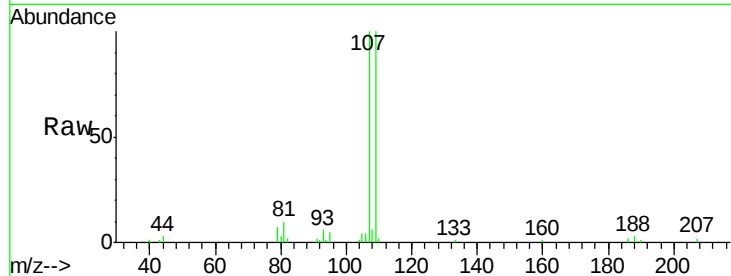
#61
 1,2-Dibromoethane
 Concen: 10.530 ug/l
 RT: 11.09 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.6	75.6	113.4

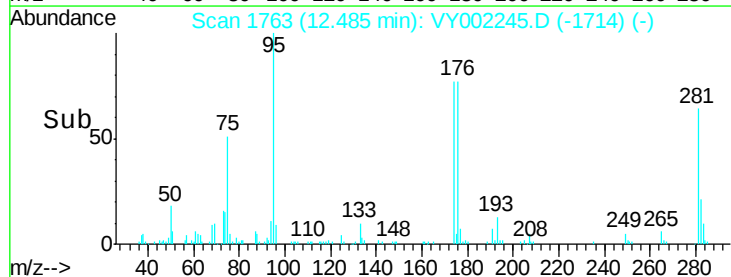
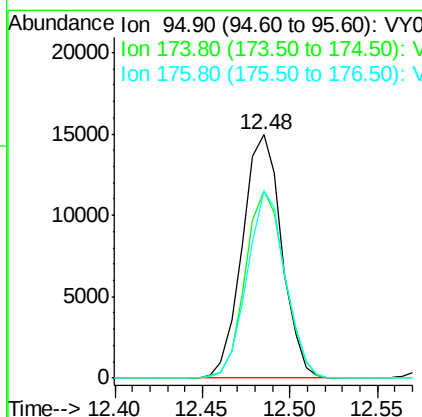
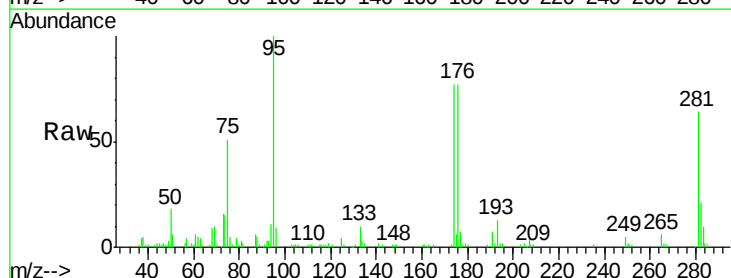
Manual Integrations
 APPROVED

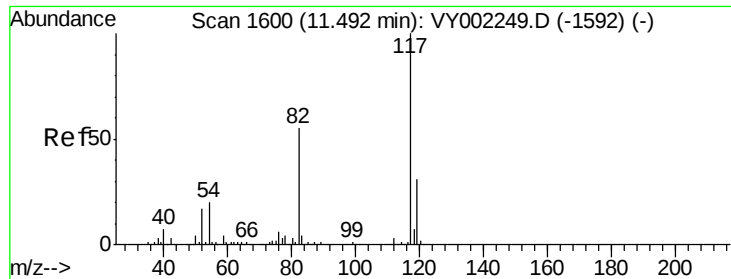
MMDadoda
 4/9/2020 11:31:42 AM



#62
 4-Bromofluorobenzene
 Concen: 10.174 ug/l
 RT: 12.48 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	150.6
176	74.5	0.0	141.4





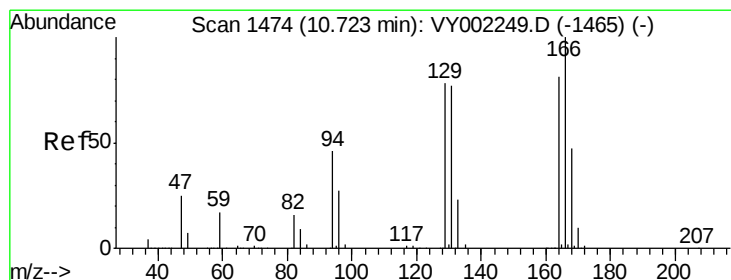
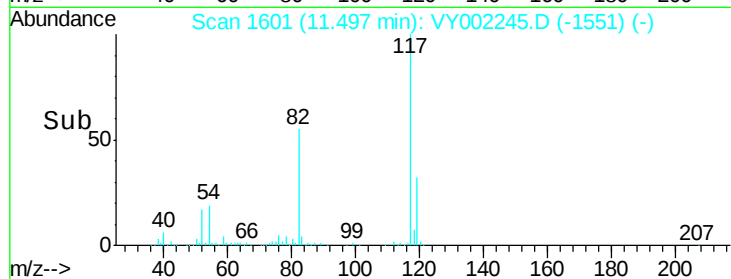
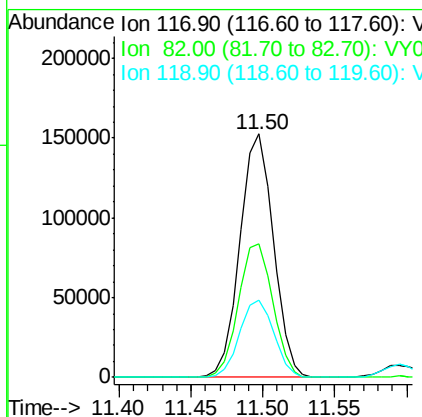
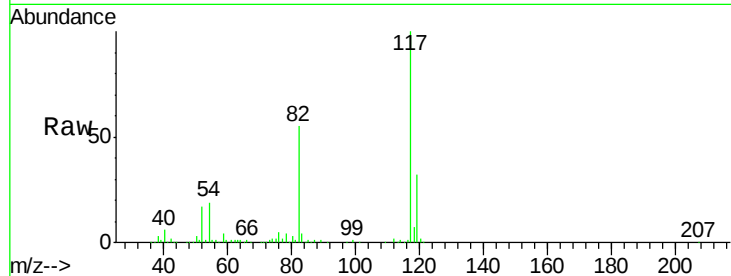
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	246630		
82	54.8		44.2	66.4
119	31.9		25.1	37.7

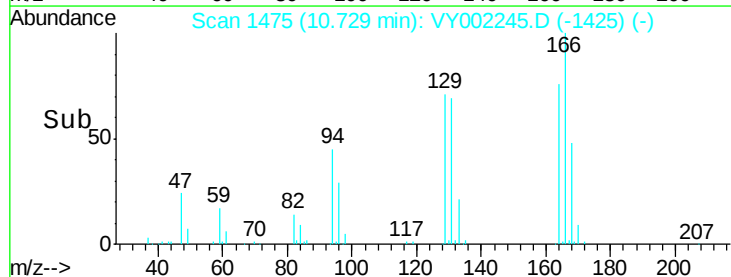
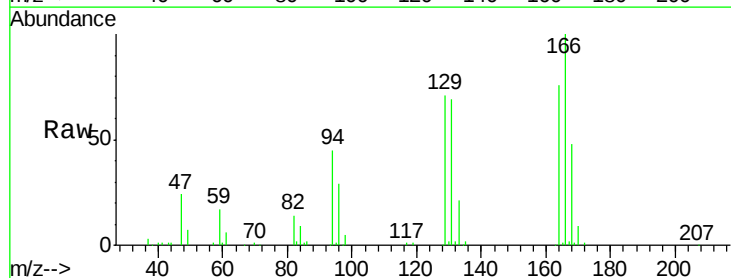
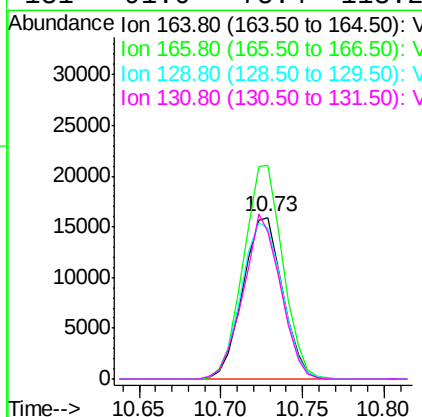
Manual Integrations
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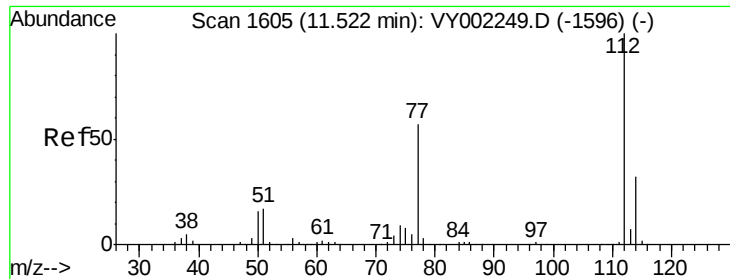
MMDadoda
4/9/2020 11:31:42 AM



#64
Tetrachloroethene
Concen: 10.815 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	26966		
166	132.4		98.4	147.6
129	93.6		76.6	115.0
131	91.0		75.4	113.2





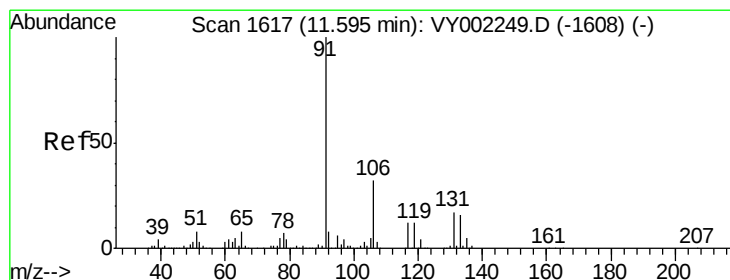
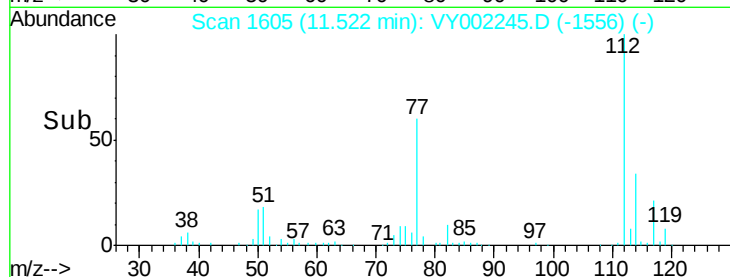
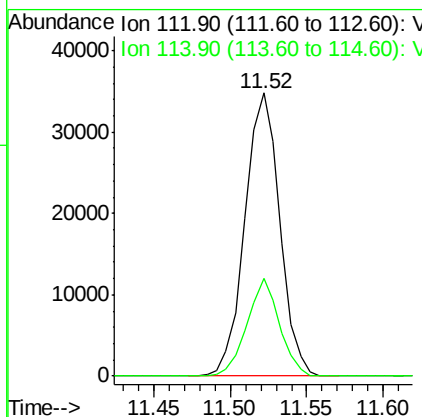
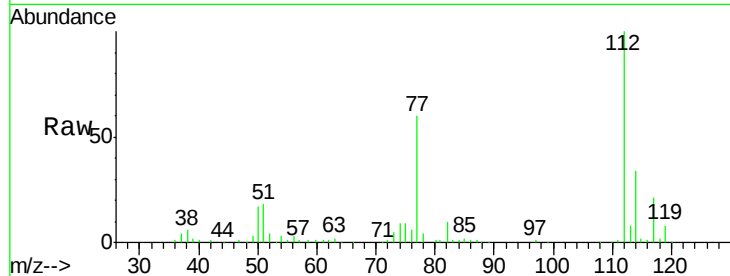
#65
Chlorobenzene
Concen: 10.772 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 55227
Ion Ratio Lower Upper
112 100
114 34.5 25.6 38.4

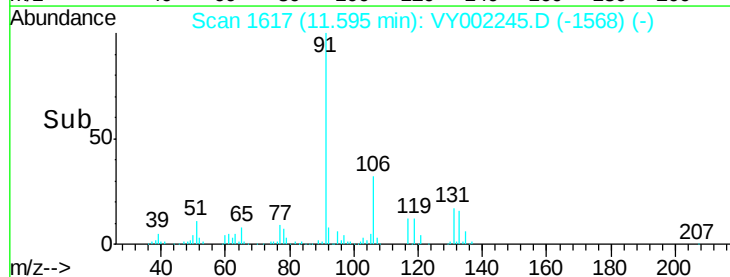
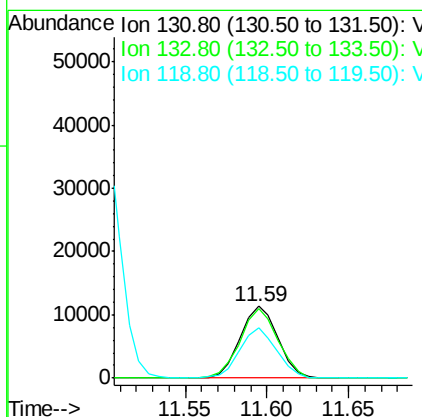
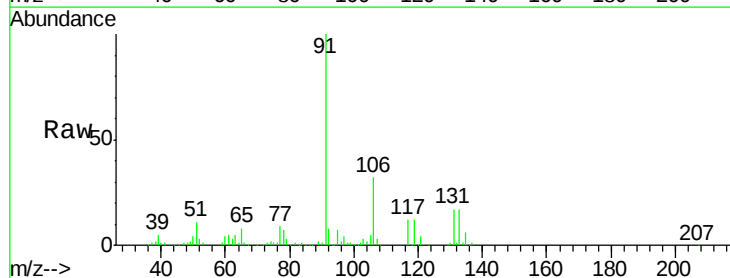
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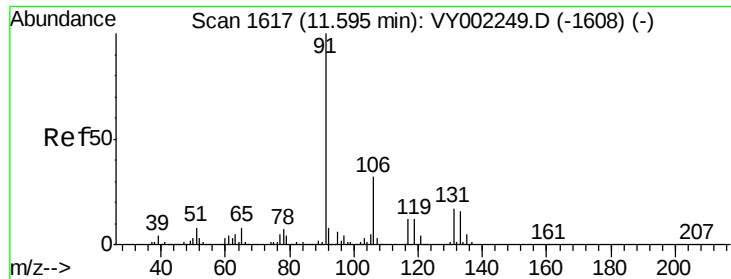
MMDadoda
4/9/2020 11:31:42 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 10.780 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion:131 Resp: 18247
Ion Ratio Lower Upper
131 100
133 97.0 46.5 139.3
119 68.1 34.5 103.6





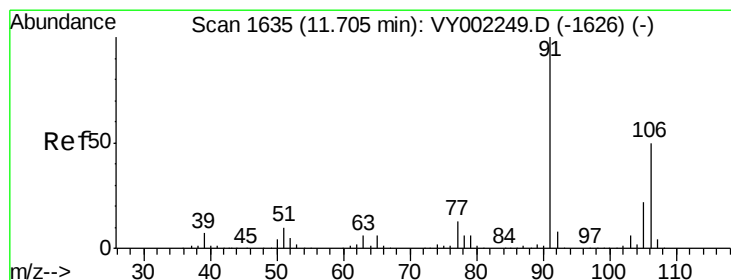
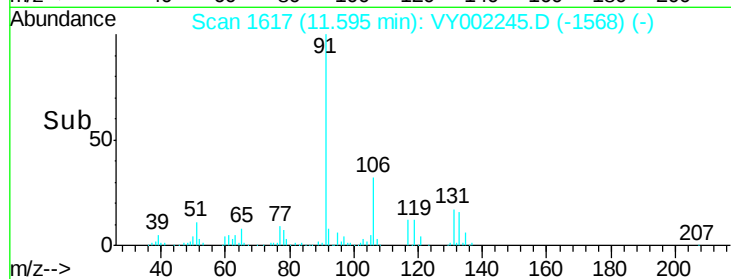
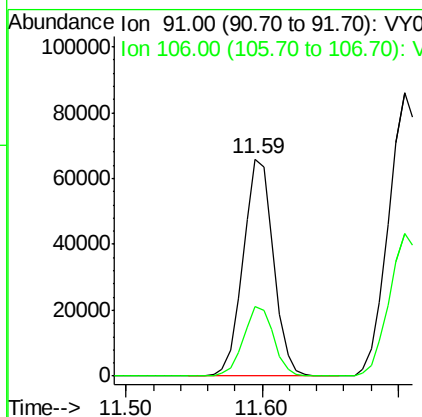
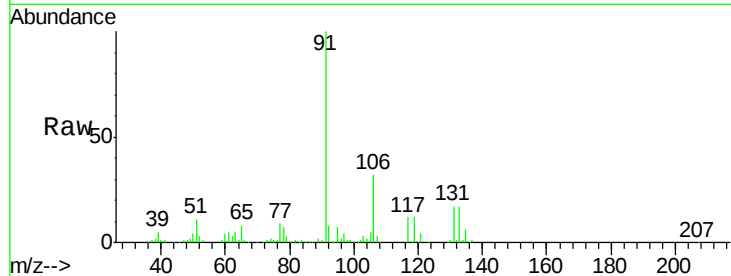
#67
Ethyl Benzene
Concen: 10.924 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 102529
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0

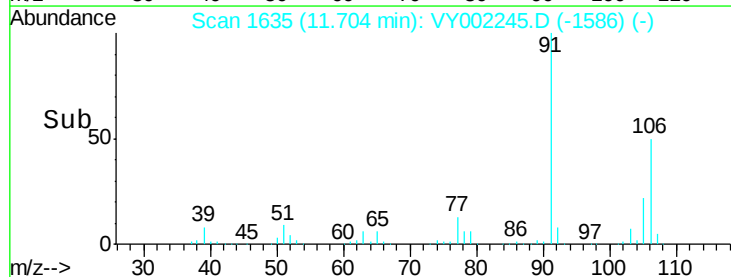
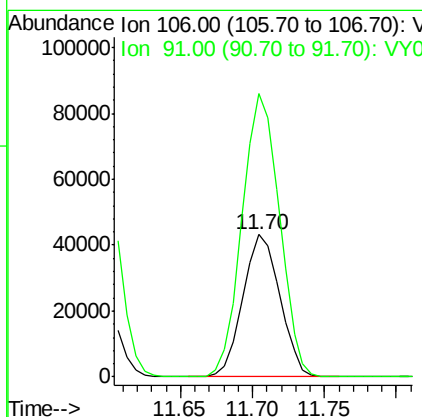
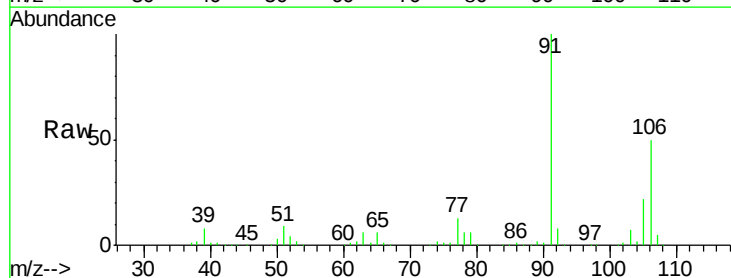
Manual Integrations
APPROVED

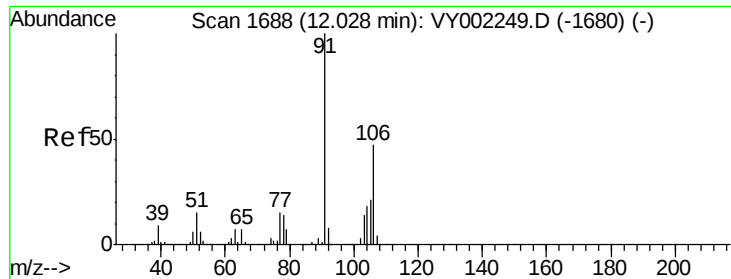
MMDadoda
4/9/2020 11:31:42 AM



#68
m/p-Xylenes
Concen: 21.798 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion: 106 Resp: 76624
Ion Ratio Lower Upper
106 100
91 201.5 159.8 239.6





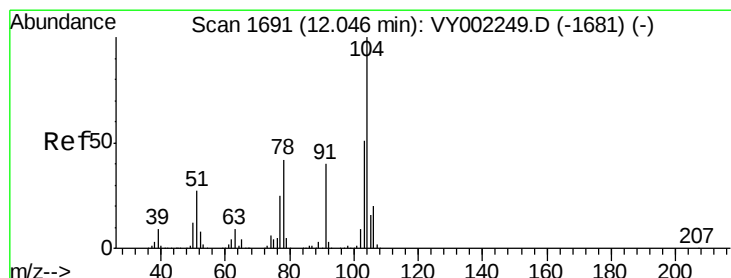
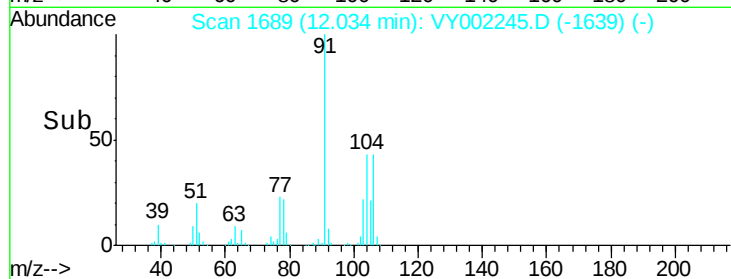
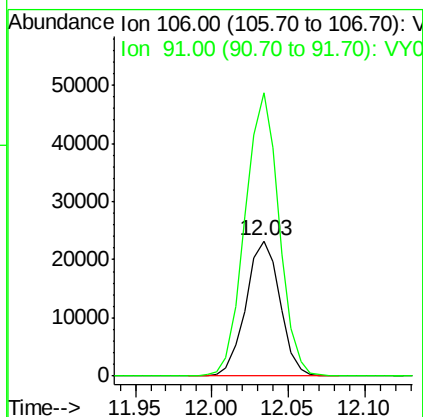
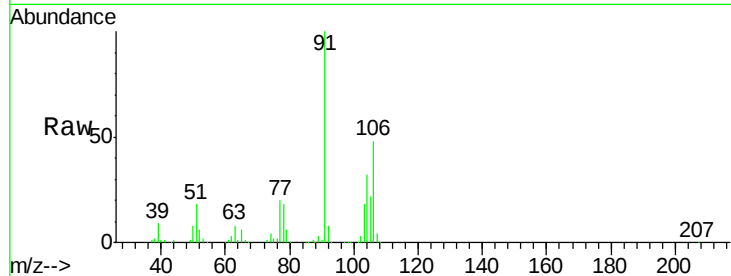
#69
o-Xylene
Concen: 10.906 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion:106 Resp: 35994
Ion Ratio Lower Upper
106 100
91 208.8 105.8 317.3

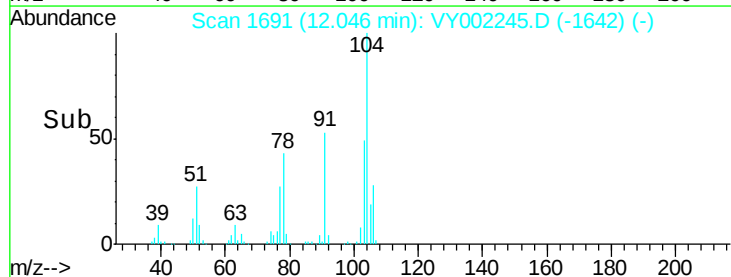
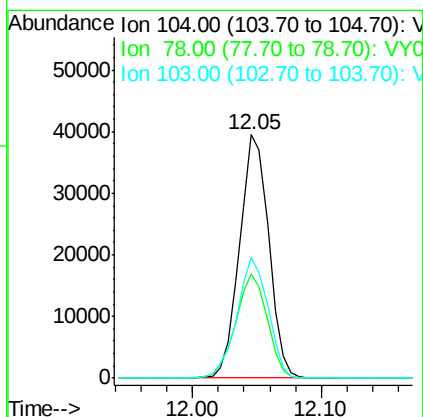
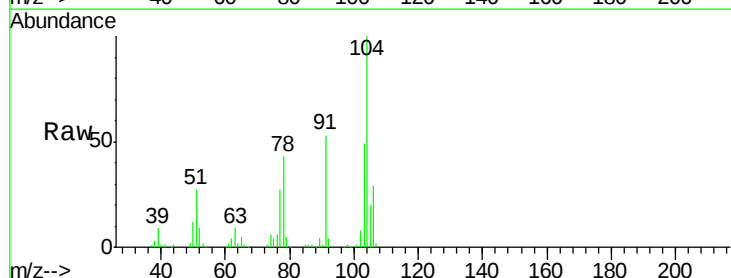
Manual Integrations
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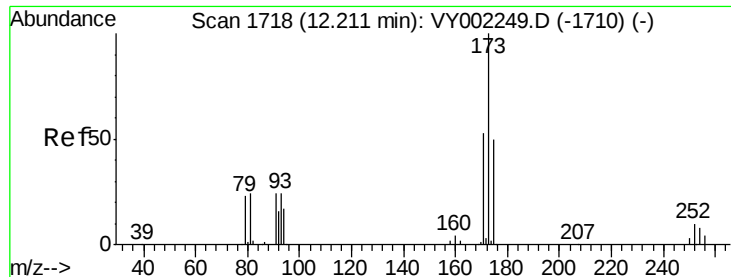
MMDadoda
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#70
Styrene
Concen: 10.796 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion:104 Resp: 61816
Ion Ratio Lower Upper
104 100
78 46.2 37.2 55.8
103 52.7 43.4 65.0





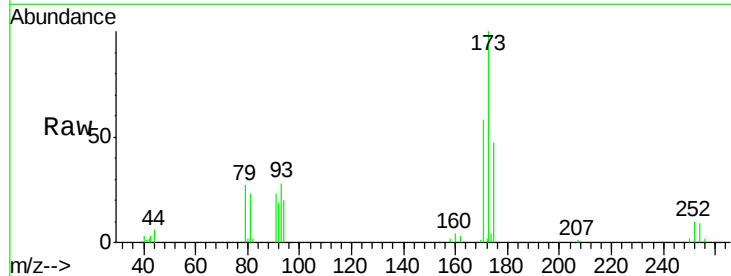
#71
Bromoform
Concen: 10.434 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

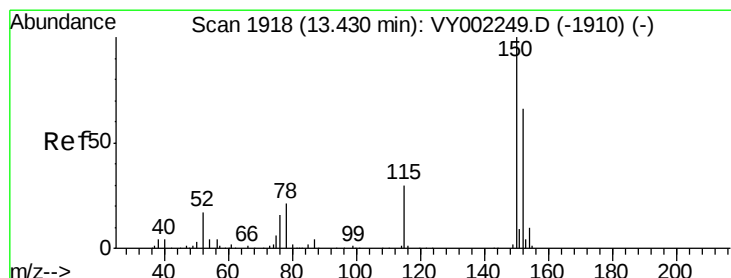
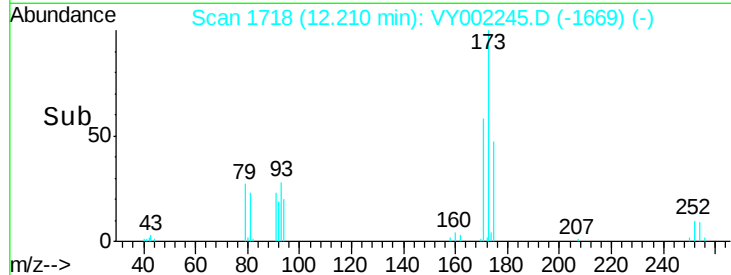
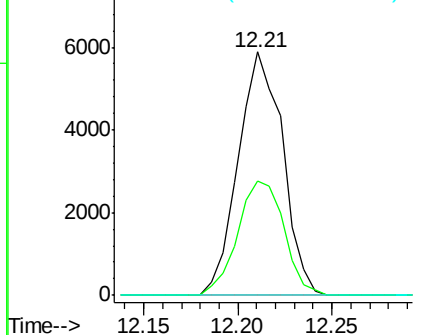
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.3
254	0.0	0.0	0.0

Manual Integrations
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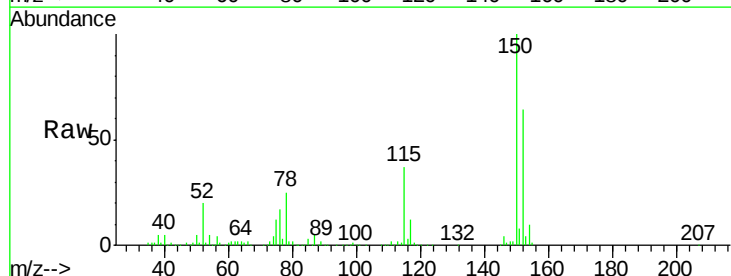


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

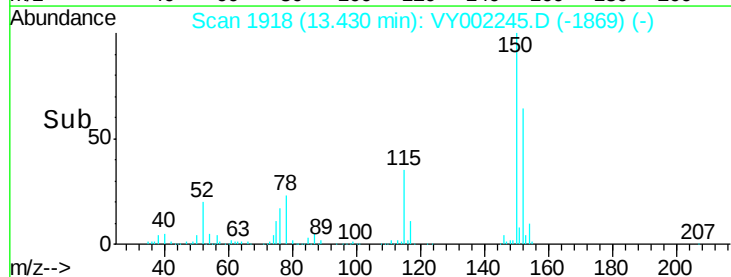
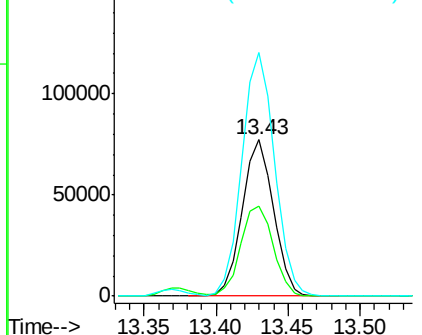


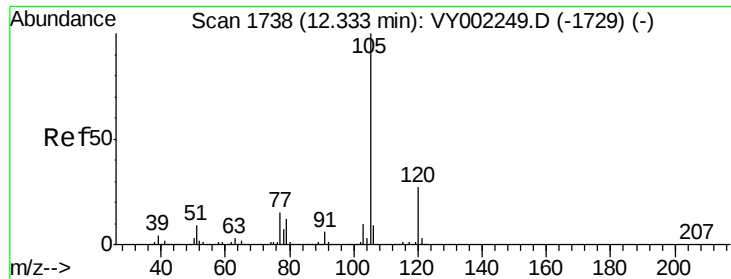
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.7	92.1
150	162.2	0.0	350.6



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





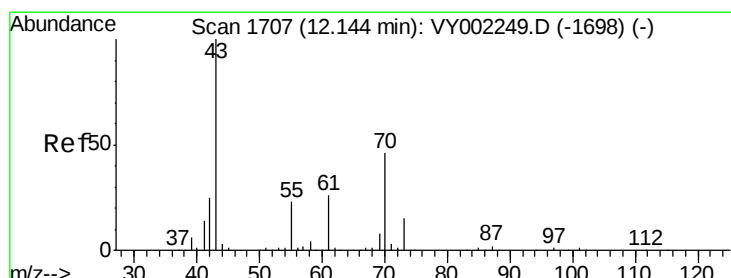
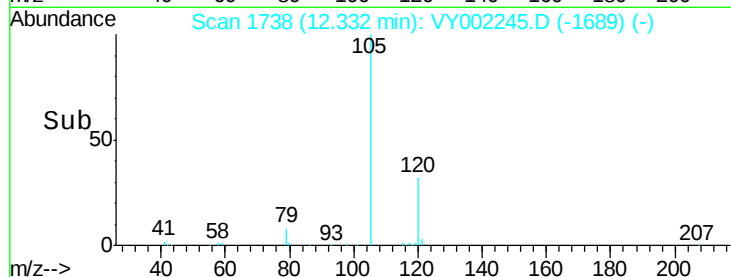
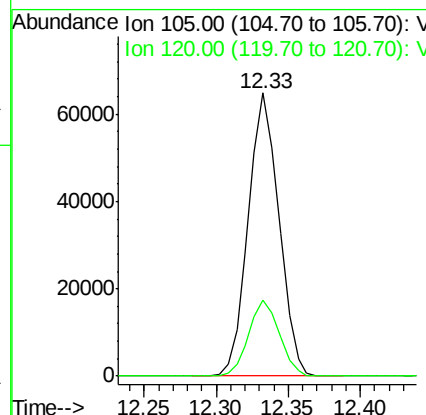
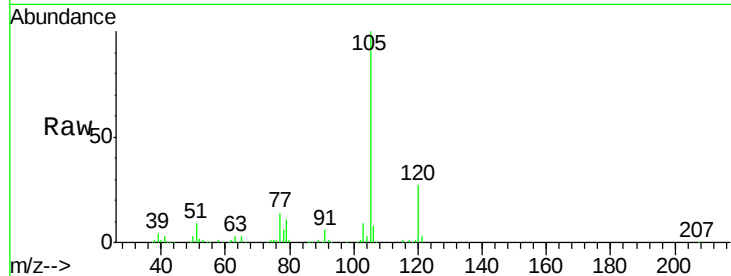
#73
Isopropylbenzene
Concen: 10.482 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.3	39.8

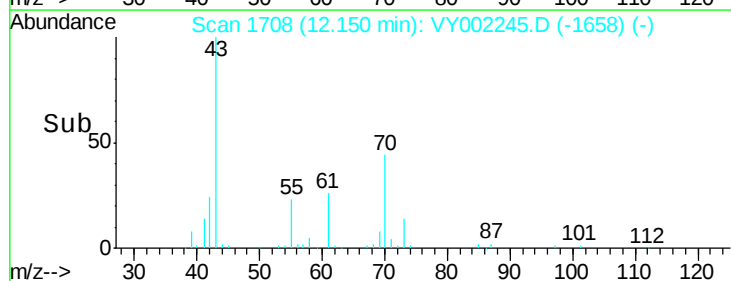
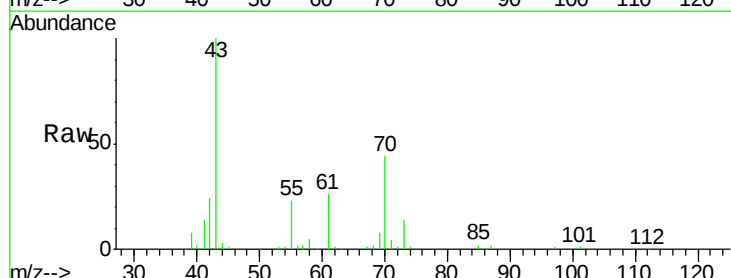
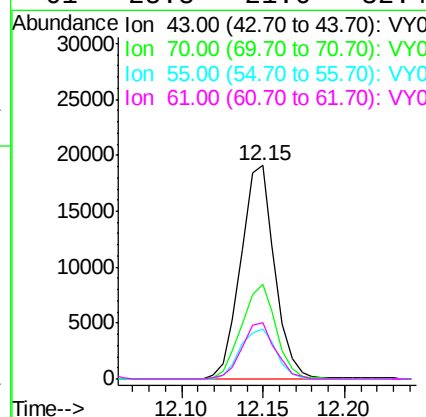
Manual Integrations
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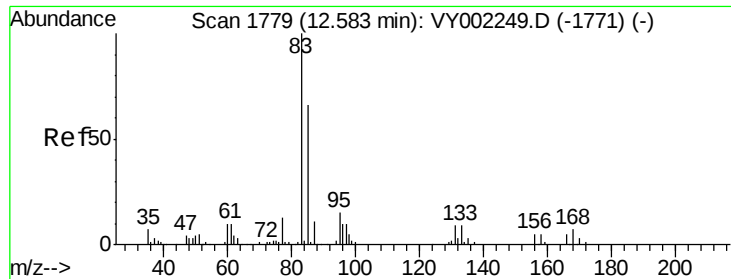
MMDadoda
4/9/2020 11:31:42 AM



#74
N-ethyl acetate
Concen: 10.709 ug/l
RT: 12.15 min Scan# 1708
Delta R.T. 0.01 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.1	37.5	56.3
55	24.7	19.0	28.6
61	25.8	21.6	32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 10.336 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

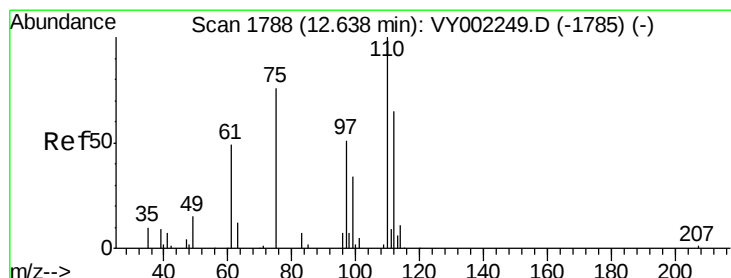
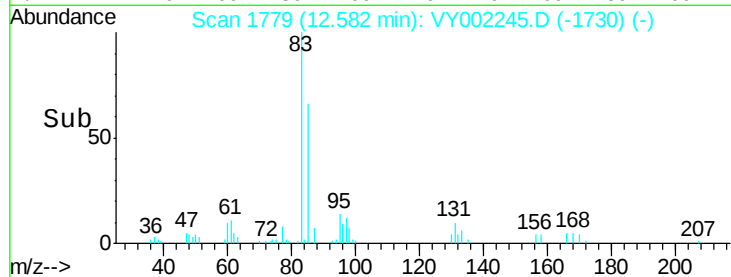
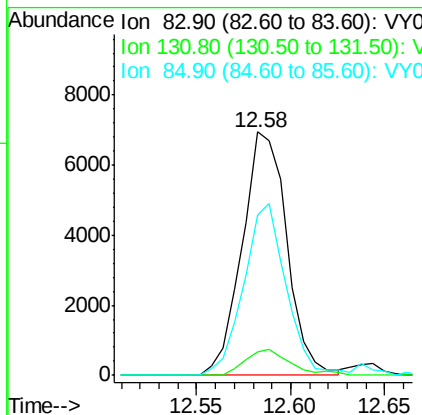
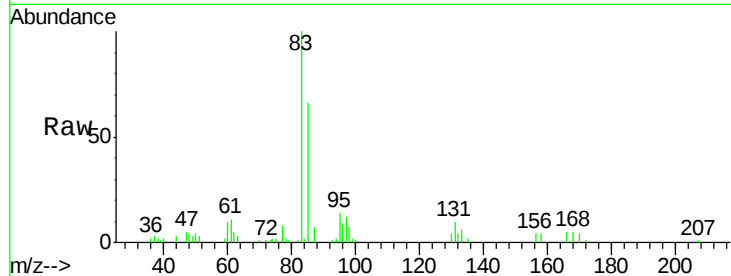
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	11427
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.9	14.7
85	67.0	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.836 ug/l m

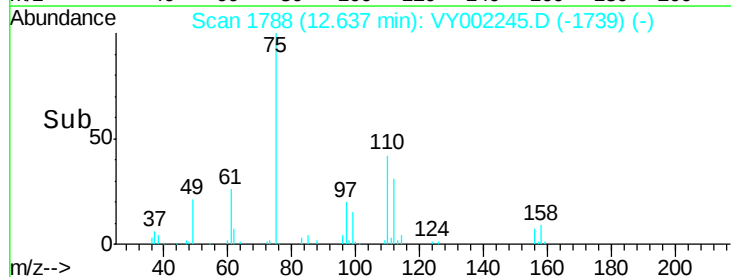
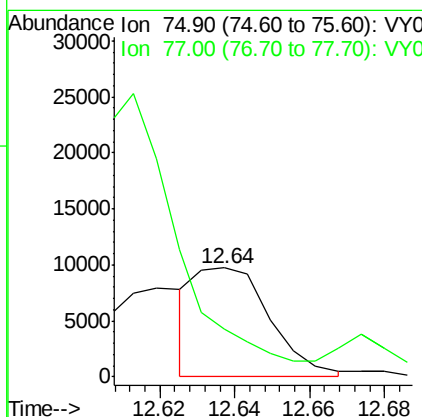
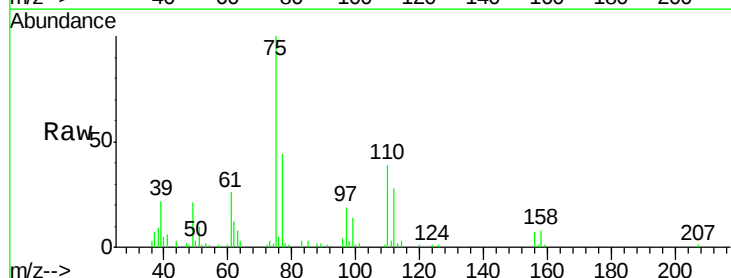
RT: 12.64 min Scan# 1788

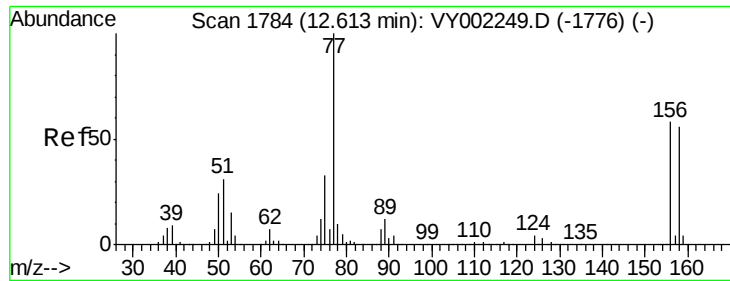
Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion:	75	Resp:	13600
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.584 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 21278

Ion Ratio Lower Upper

156 100

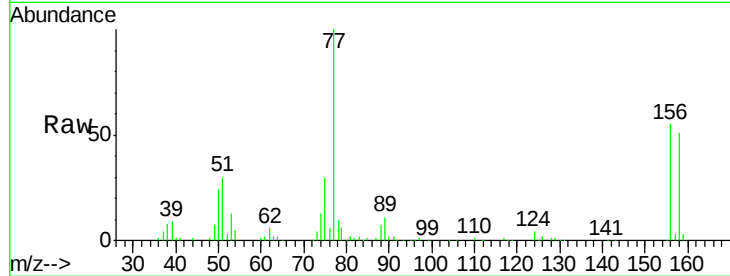
77 209.4 101.3 303.9

158 96.8 48.3 144.8

Manual Integrations
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MMDadoda

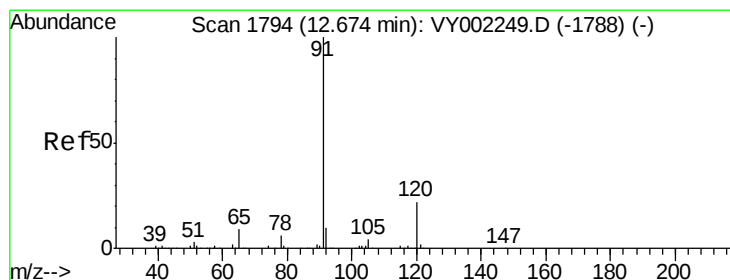
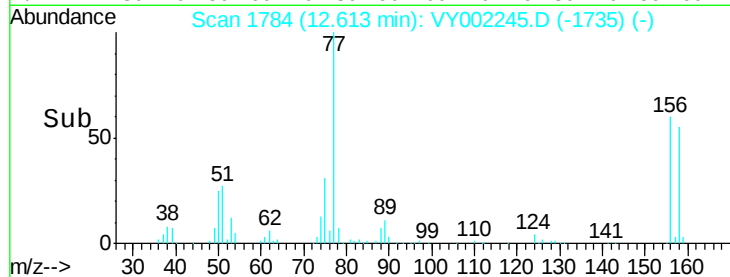
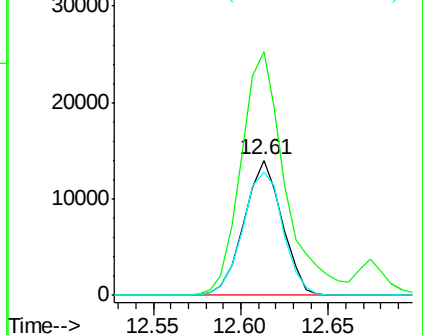
4/9/2020 11:31:42 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.608 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY002245.D

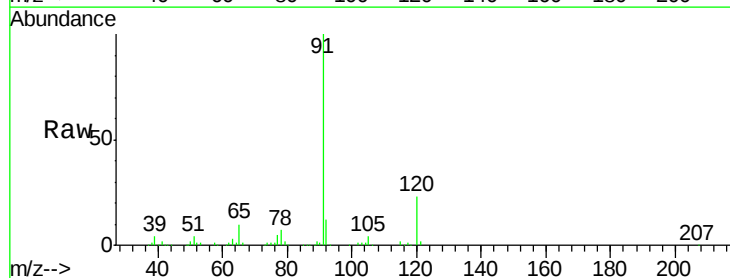
Acq: 08 Apr 2020 11:48

Tgt Ion: 91 Resp: 120551

Ion Ratio Lower Upper

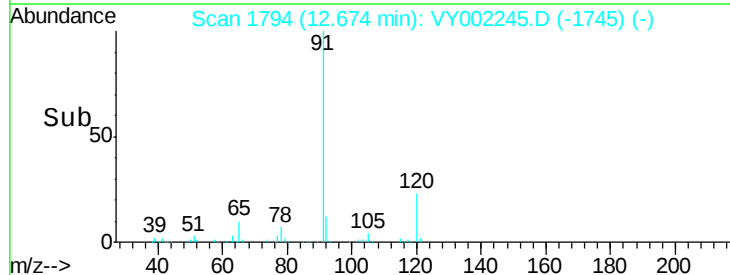
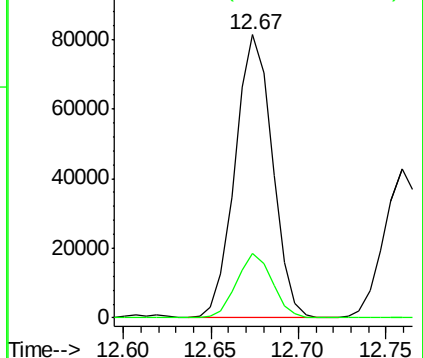
91 100

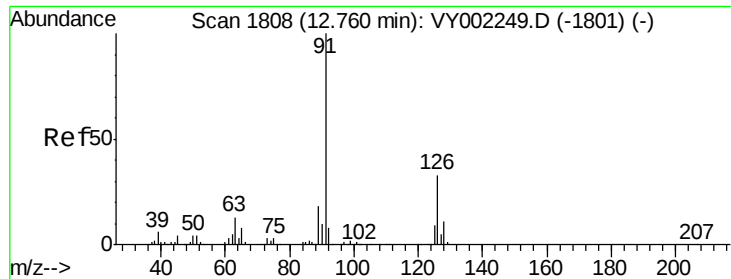
120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





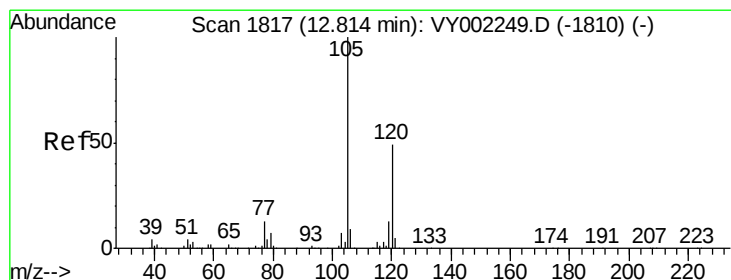
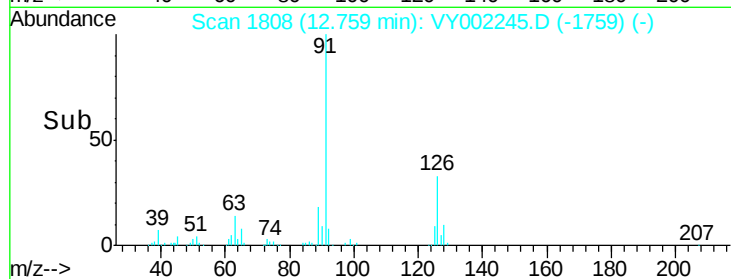
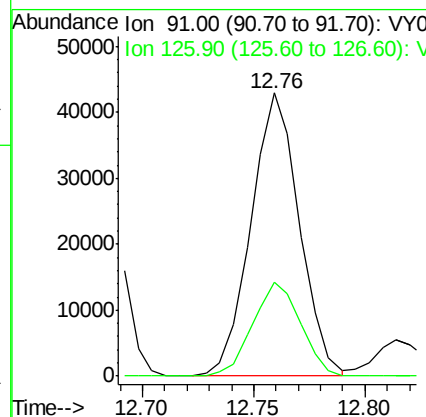
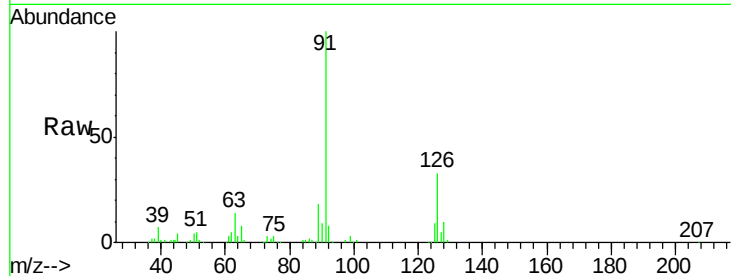
#79
 2-Chlorotoluene
 Concen: 10.463 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion: 91 Resp: 64622
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.9 50.7

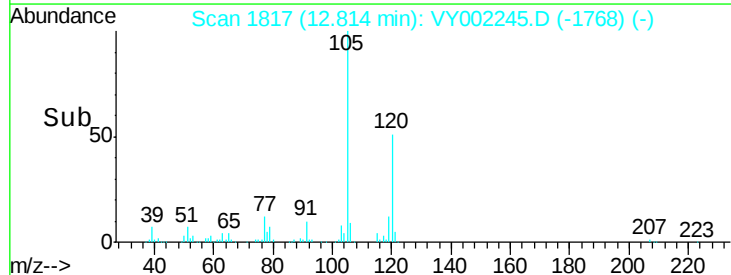
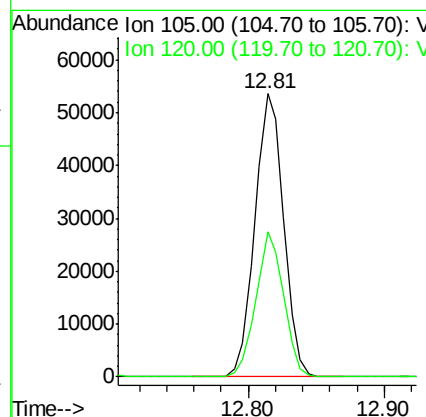
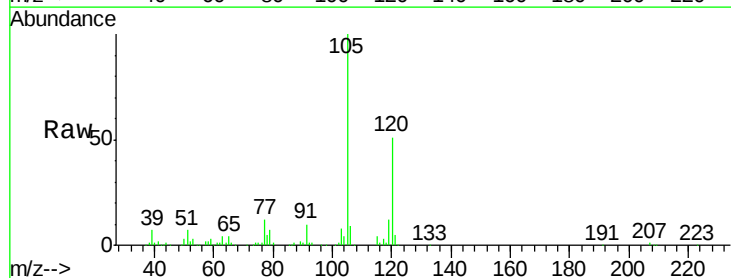
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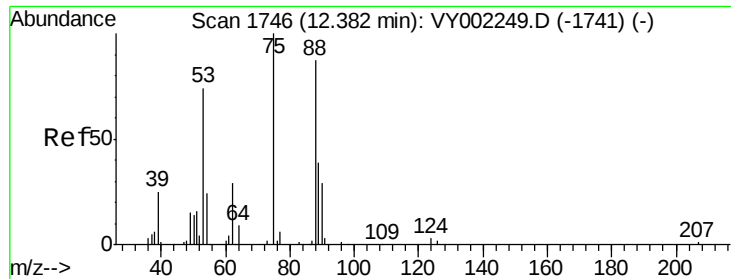
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#80
 1,3,5-Trimethylbenzene
 Concen: 10.535 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion: 105 Resp: 79613
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 9.991 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Instrument :

MSVOA_Y

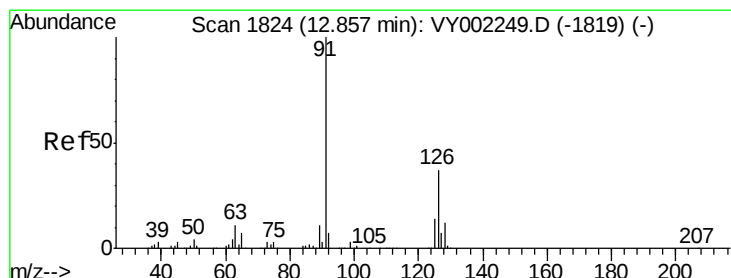
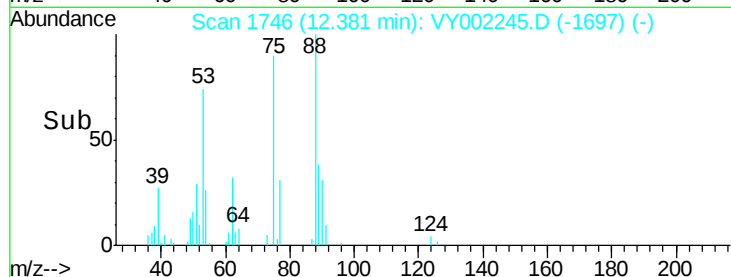
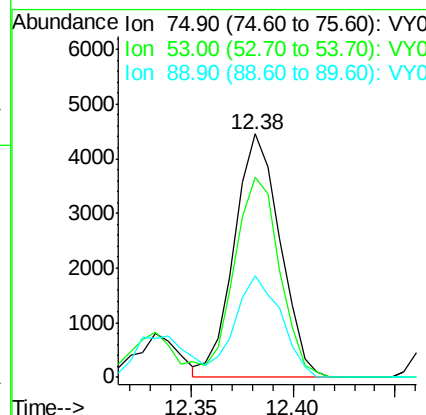
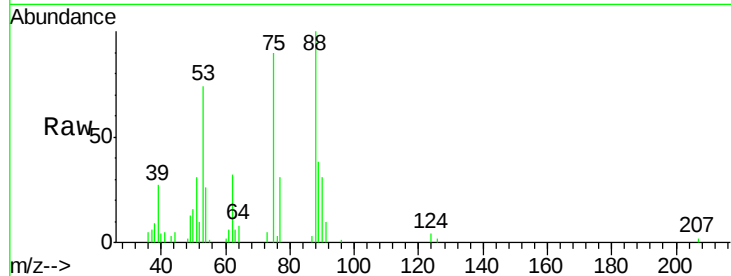
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	6938
Ion	Ratio	Lower	Upper
75	100		
53	80.6	59.8	89.8
89	41.9	37.0	55.6

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#82

4-Chlorotoluene

Concen: 10.609 ug/l

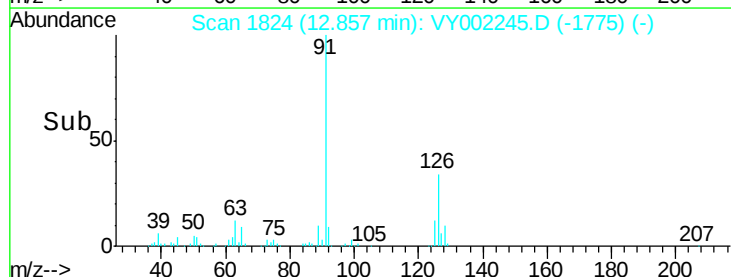
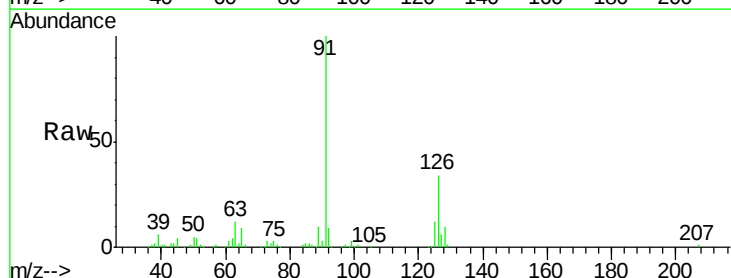
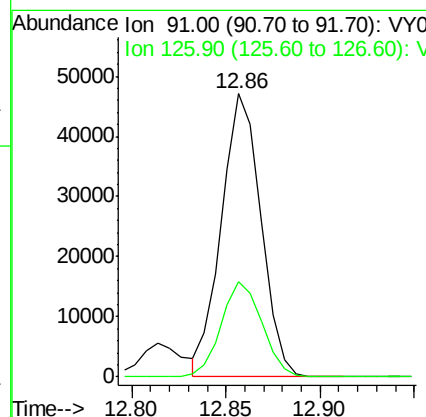
RT: 12.86 min Scan# 1824

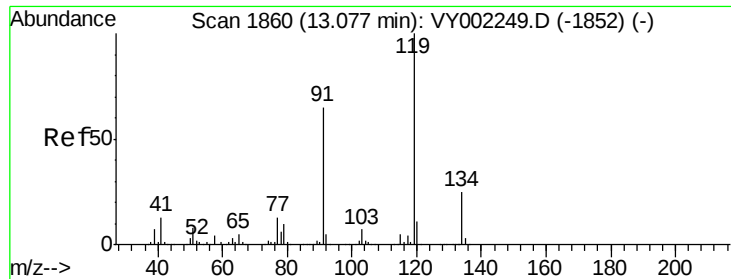
Delta R.T. -0.00 min

Lab File: VY002245.D

Acq: 08 Apr 2020 11:48

Tgt Ion:	91	Resp:	68672
Ion	Ratio	Lower	Upper
91	100		
126	34.6	16.9	50.7





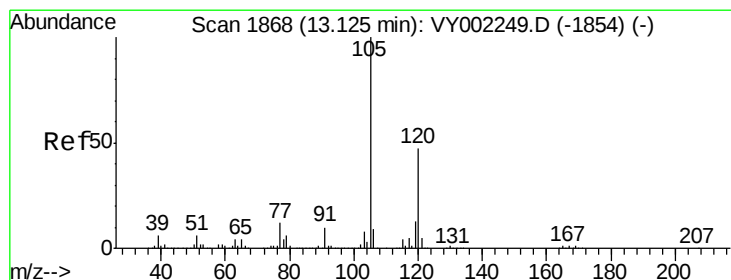
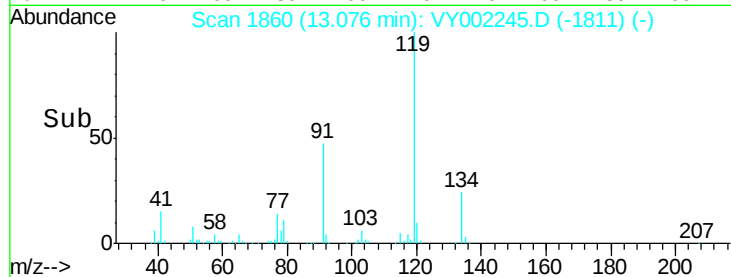
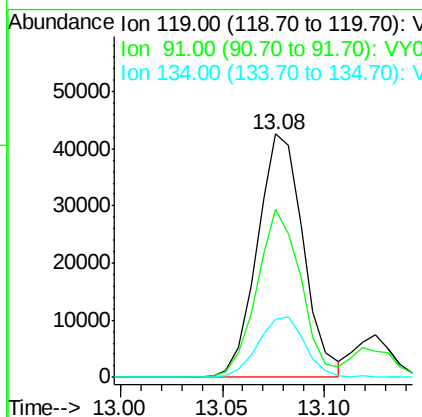
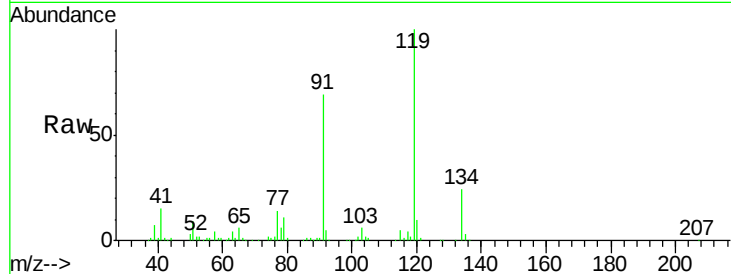
#83
 tert-Butylbenzene
 Concen: 10.558 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	66834		
91	66.6		32.4	97.0
134	25.3		12.6	37.6

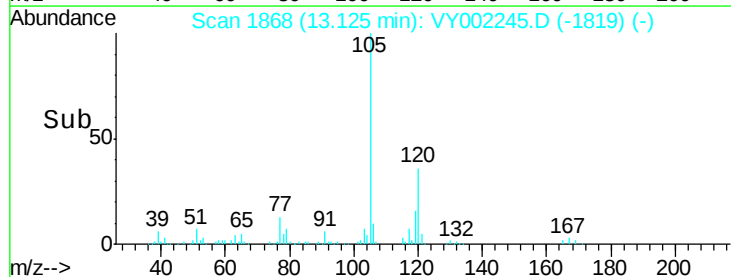
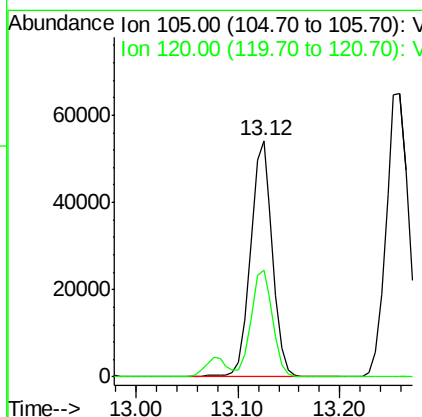
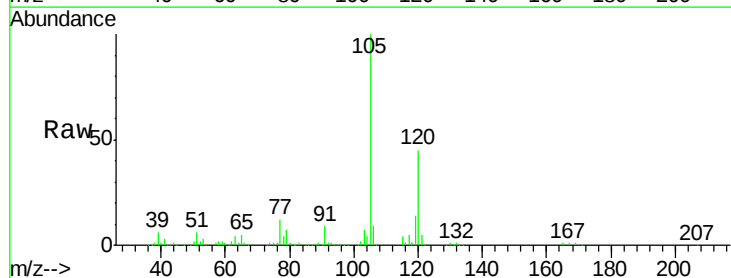
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#84
 1,2,4-Trimethylbenzene
 Concen: 10.693 ug/l
 RT: 13.12 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	80696		
120	45.2		23.1	69.2





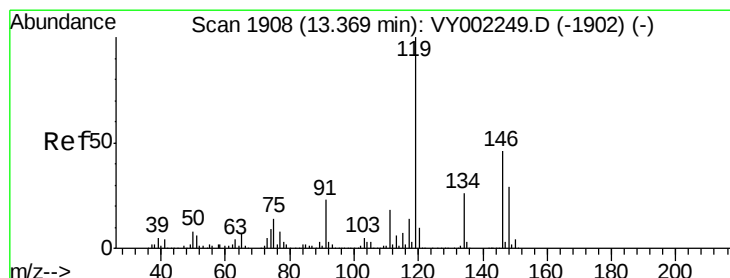
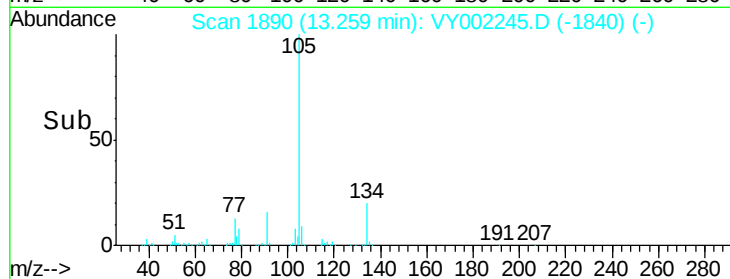
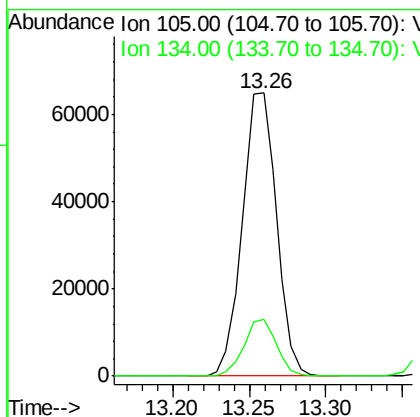
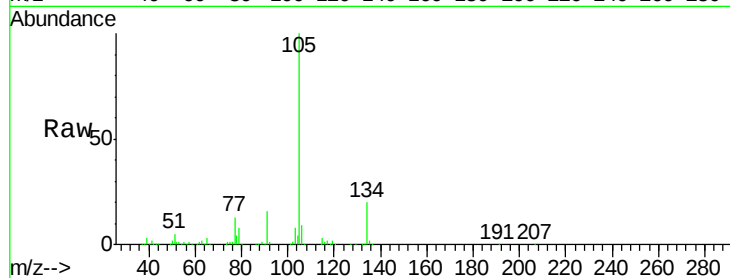
#85
 sec-Butylbenzene
 Concen: 10.684 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.8	29.3

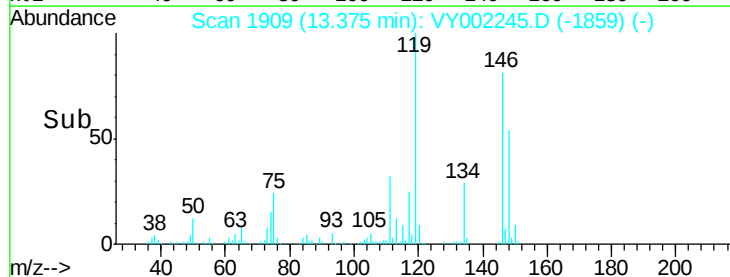
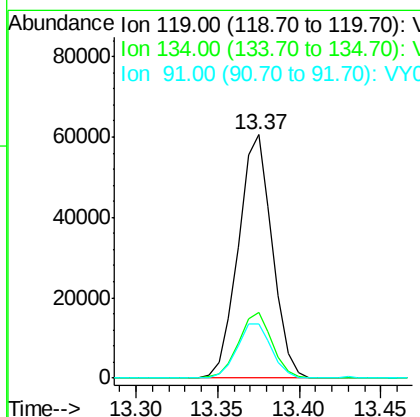
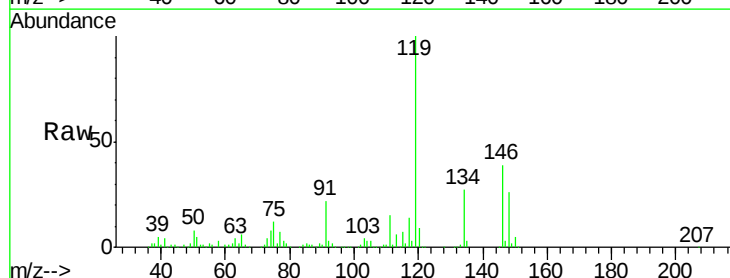
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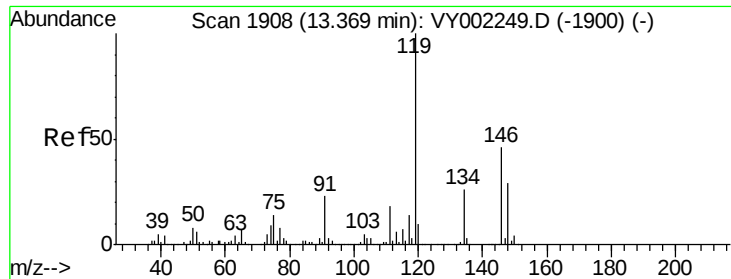
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#86
 p-Isopropyltoluene
 Concen: 10.798 ug/l
 RT: 13.37 min Scan# 1909
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.3	39.9
91	22.9	11.5	34.4





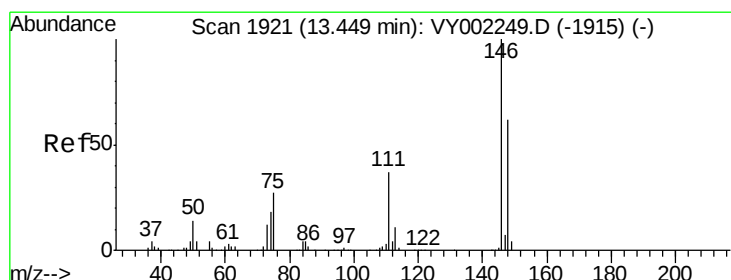
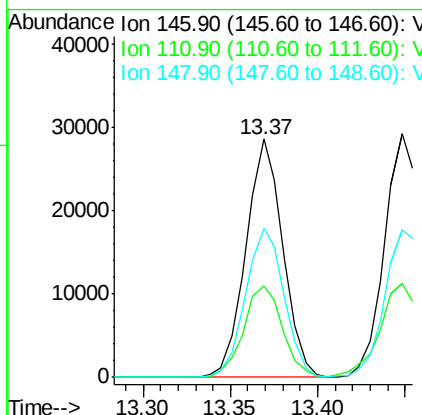
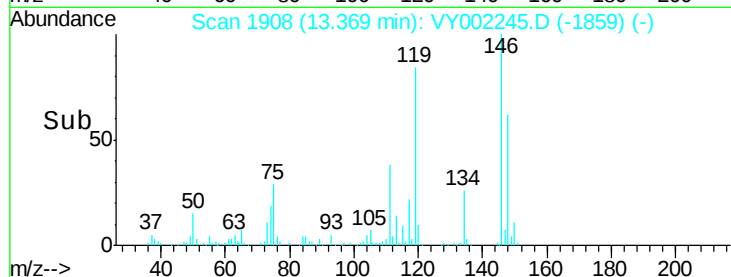
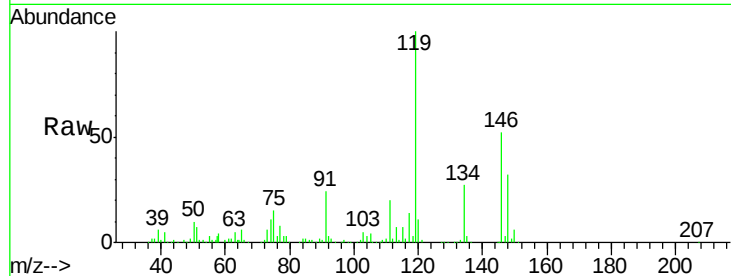
#87
 1,3-Dichlorobenzene
 Concen: 10.804 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.8
148	65.1	32.1	96.3

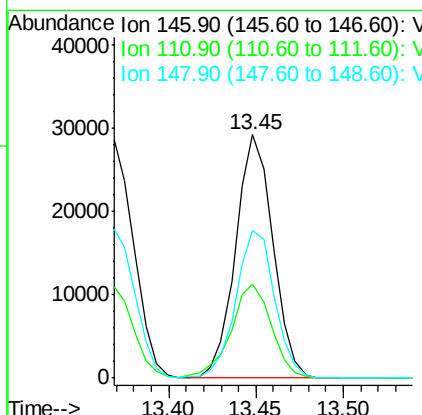
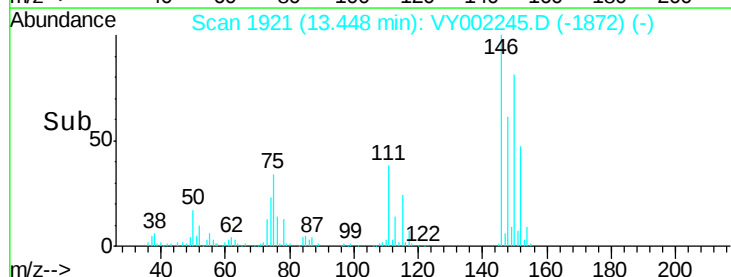
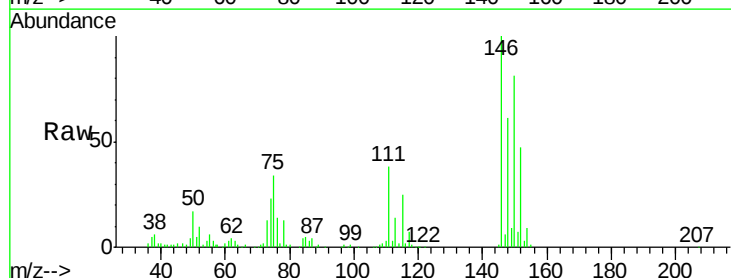
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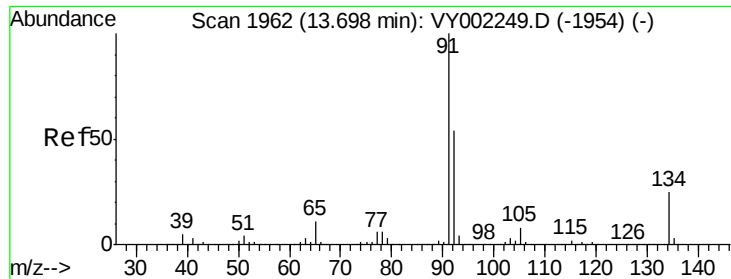
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#88
 1,4-Dichlorobenzene
 Concen: 11.001 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	19.6	58.8
148	63.2	32.0	96.0





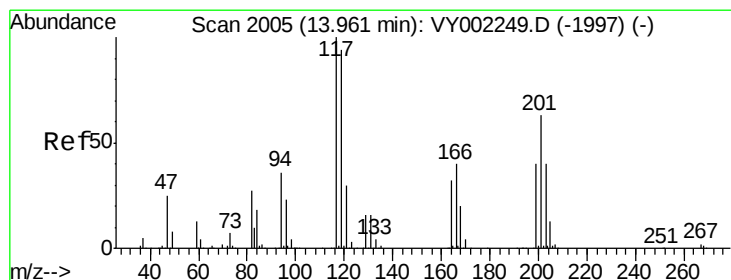
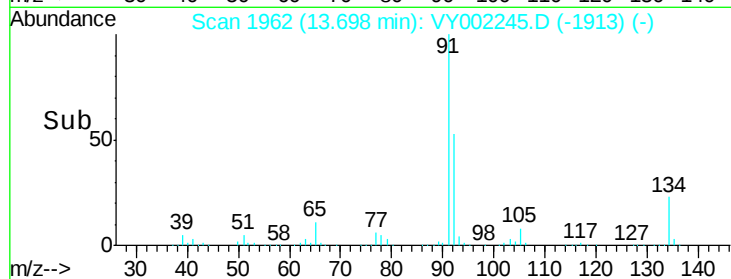
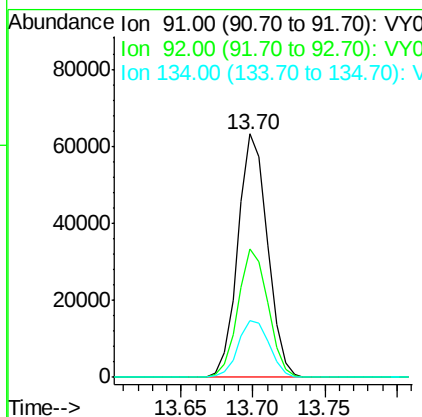
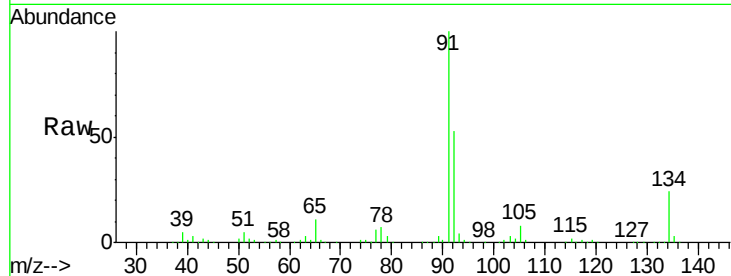
#89
n-Butylbenzene
Concen: 10.871 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		90437		
92	53.3	27.2	81.6		
134	24.5	12.7	38.0		

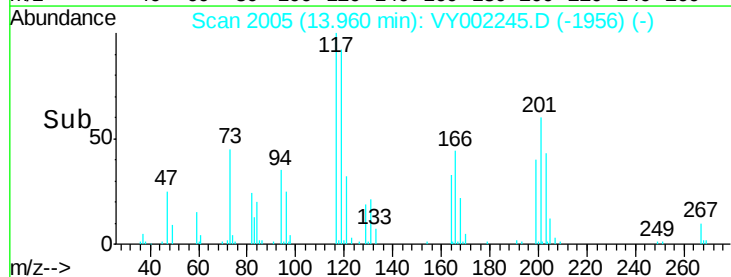
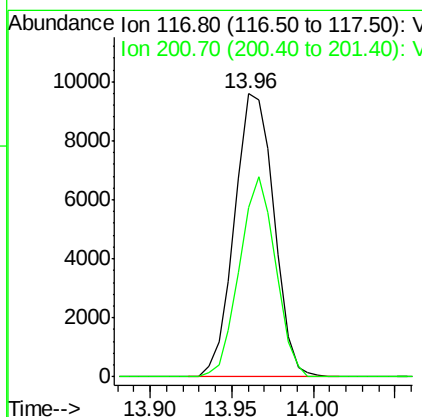
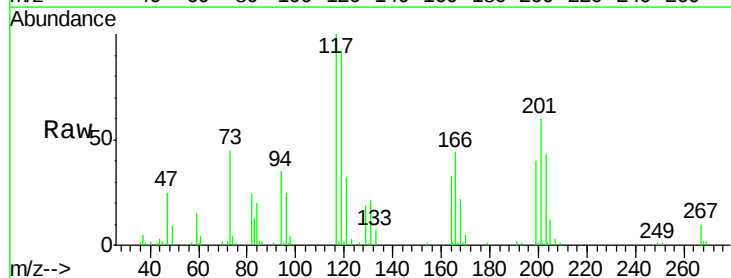
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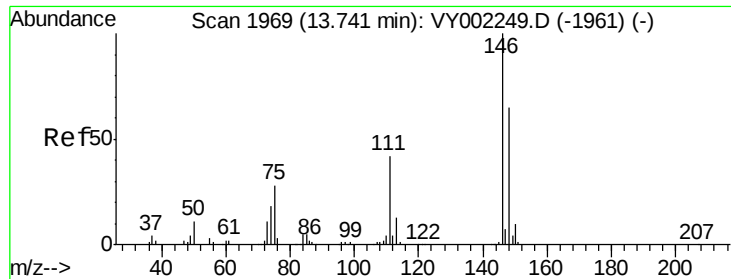
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#90
Hexachloroethane
Concen: 10.463 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		16181		
201	64.7	33.1	99.2		





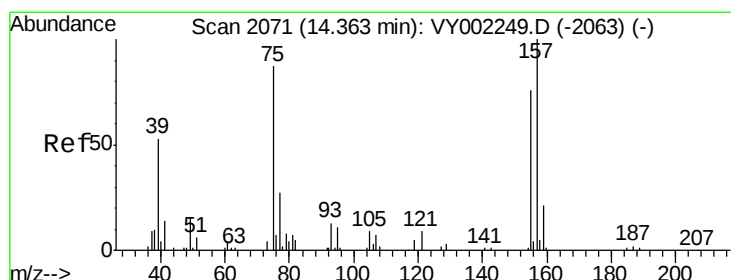
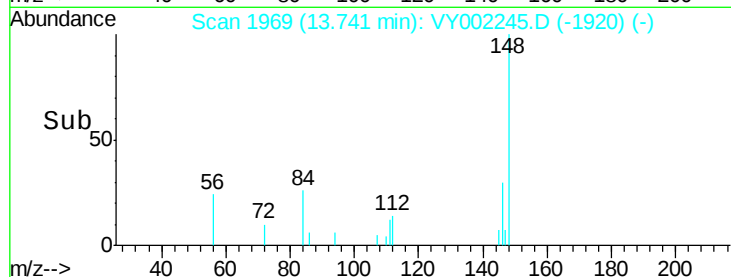
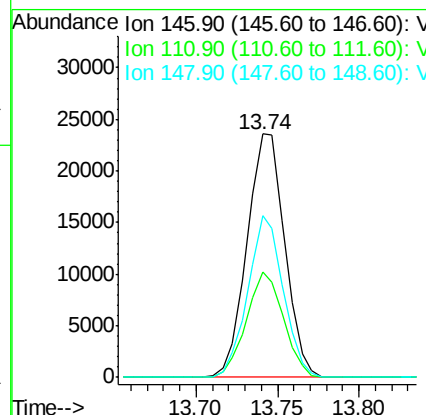
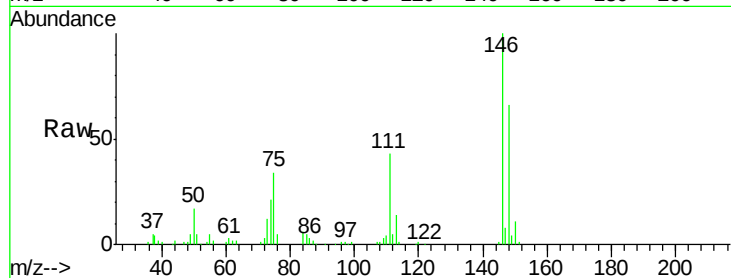
#91
 1,2-Dichlorobenzene
 Concen: 10.737 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.1
148	62.3	31.9	95.9

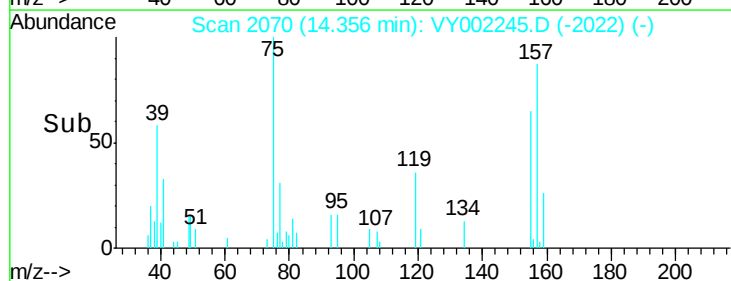
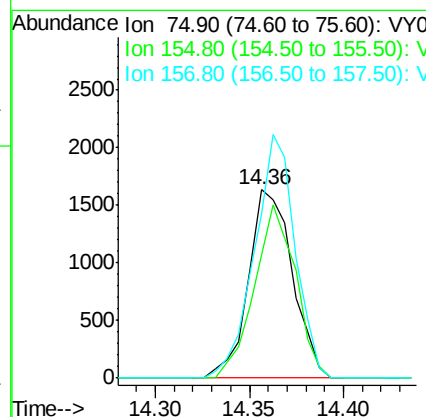
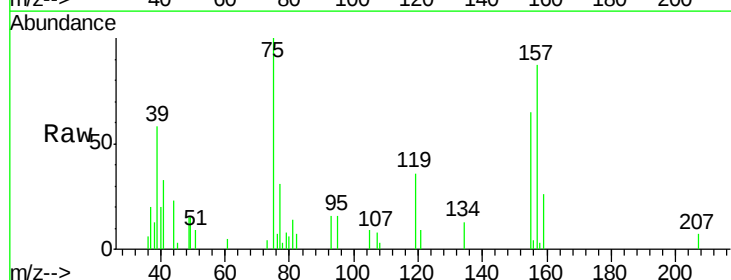
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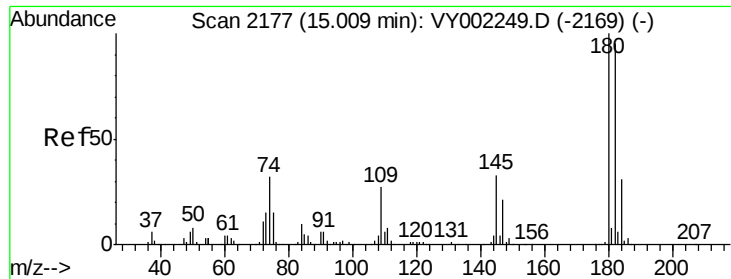
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.885 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.0	43.6	130.8
157	119.5	56.0	168.2





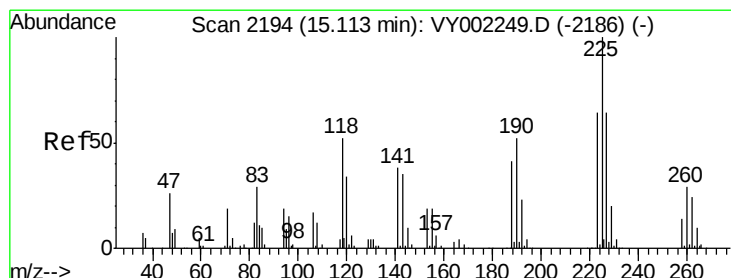
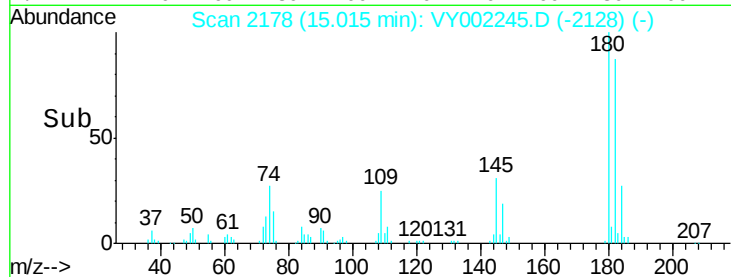
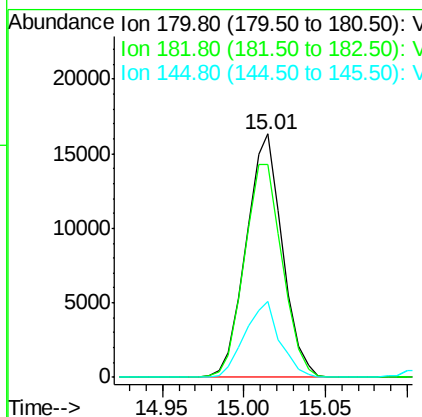
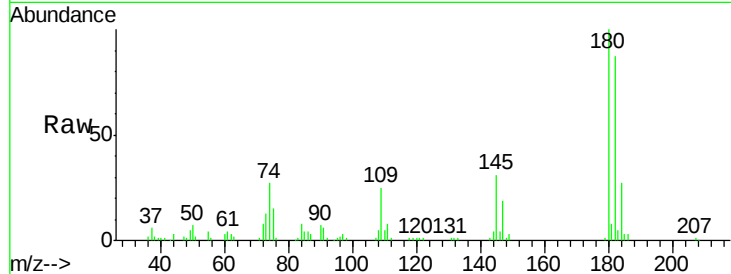
#93
 1,2,4-Trichlorobenzene
 Concen: 10.868 ug/l
 RT: 15.01 min Scan# 2178
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.9	143.7
145	30.1	16.0	48.0

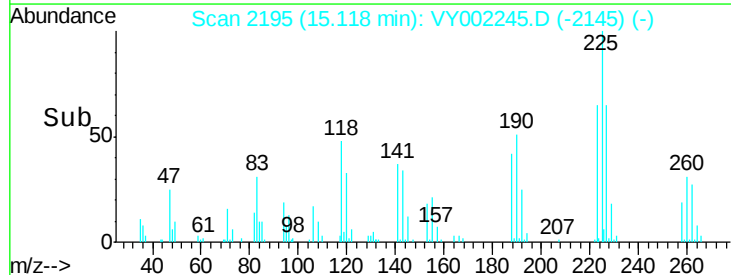
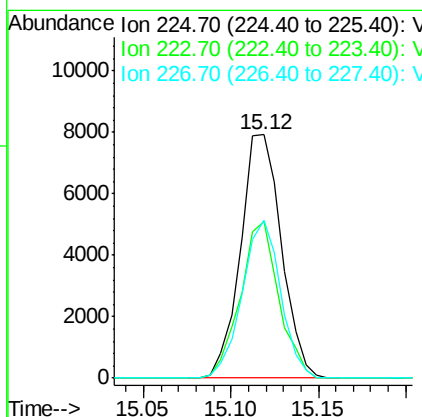
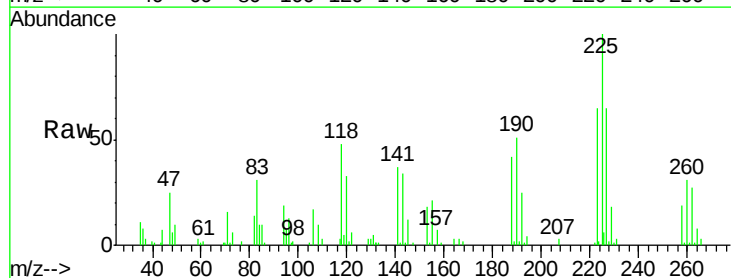
Manual Integrations
 APPROVED

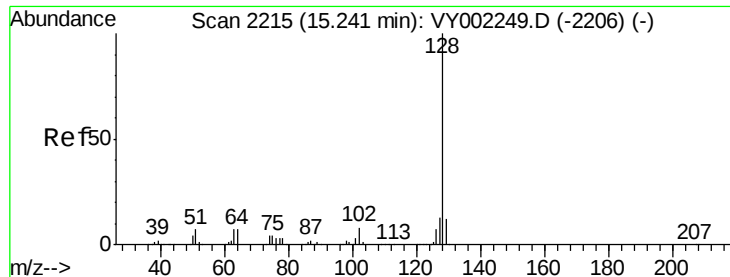
MMDadoda
 4/9/2020 11:31:42 AM



#94
 Hexachlorobutadiene
 Concen: 11.068 ug/l
 RT: 15.12 min Scan# 2195
 Delta R.T. 0.01 min
 Lab File: VY002245.D
 Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	31.0	93.0
227	60.9	31.3	93.9





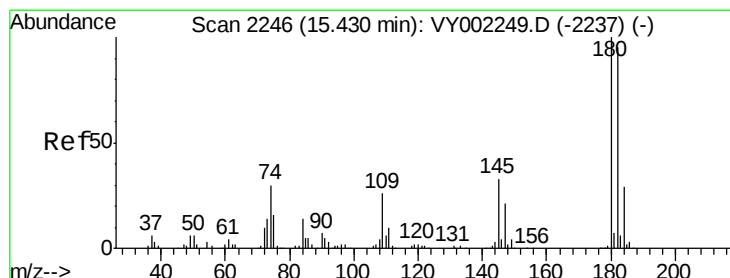
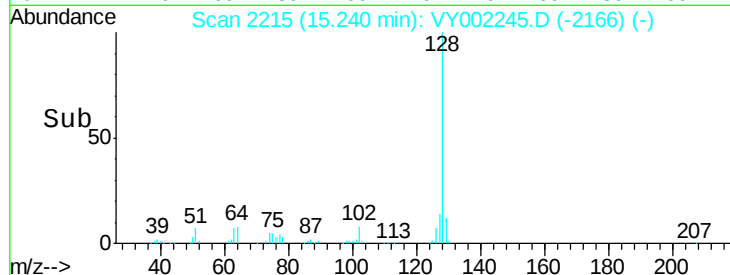
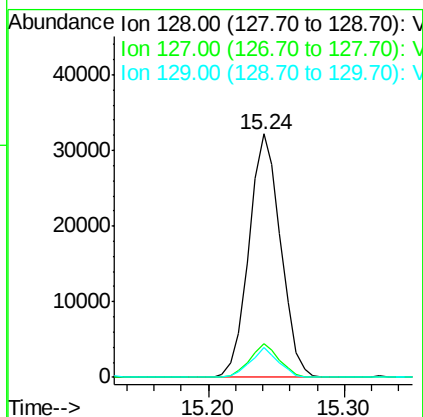
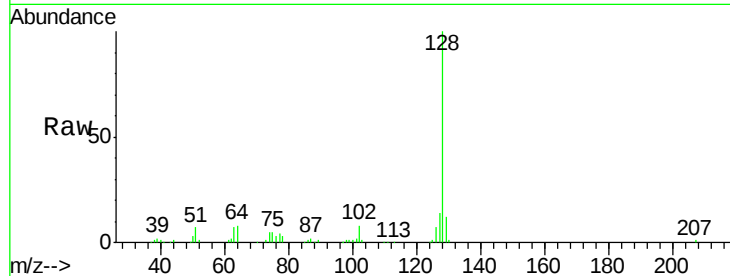
#95
Naphthalene
Concen: 10.380 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.7	8.7	13.1

Manual Integrations
APPROVED

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4/9/2020 11:31:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 10.599 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. -0.00 min
Lab File: VY002245.D
Acq: 08 Apr 2020 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	32.3	16.7	50.1

