

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051520\
 Data File : VY002692.D
 Acq On : 15 May 2020 11:50
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

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 5/18/2020 1:36:02 PM

Quant Time: May 15 13:04:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y051520S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 15 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	395721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	582779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	530261	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	280139	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	29585	8.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.88%	
35) Dibromofluoromethane	7.72	113	30752	9.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.48%	
50) Toluene-d8	10.18	98	123842	9.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.98%	
62) 4-Bromofluorobenzene	12.48	95	45468	10.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	29615	10.363	ug/l	98
3) Chloromethane	2.12	50	33955	10.865	ug/l	100
4) Vinyl Chloride	2.26	62	34533	9.691	ug/l	93
5) Bromomethane	2.65	94	27752	11.002	ug/l	98
6) Chloroethane	2.79	64	22500	10.346	ug/l	93
7) Trichlorofluoromethane	3.13	101	59607	10.500	ug/l	99
8) Diethyl Ether	3.54	74	19438	10.086	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	36607	10.552	ug/l	98
10) Methyl Iodide	4.10	142	44140	9.322	ug/l	98
11) Tert butyl alcohol	4.96	59	16772	49.489	ug/l	99
12) 1,1-Dichloroethene	3.88	96	36056	10.624	ug/l	98
13) Acrolein	3.74	56	19339	75.558	ug/l	100
14) Allyl chloride	4.49	41	50603	10.273	ug/l	100
15) Acrylonitrile	5.18	53	44579	49.229	ug/l	99
16) Acetone	3.95	43	32670	48.050	ug/l	98
17) Carbon Disulfide	4.20	76	113095	11.071	ug/l	100
18) Methyl Acetate	4.49	43	18629	8.375	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	87924	9.959	ug/l	100
20) Methylene Chloride	4.72	84	42721	11.118	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	40672	10.927	ug/l	100
22) Diisopropyl ether	6.13	45	102323	10.246	ug/l	97
23) Vinyl Acetate	6.07	43	321796	51.120	ug/l	99
24) 1,1-Dichloroethane	6.02	63	60787	10.301	ug/l	100
25) 2-Butanone	6.99	43	53733	48.362	ug/l	94
26) 2,2-Dichloropropane	6.99	77	58016	10.368	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	42263	10.250	ug/l	97
28) Bromochloromethane	7.33	49	24631	10.224	ug/l	100
29) Tetrahydrofuran	7.35	42	37172	50.327	ug/l	98
30) Chloroform	7.51	83	62821	10.196	ug/l	98
31) Cyclohexane	7.79	56	64380	10.820	ug/l #	89
32) 1,1,1-Trichloroethane	7.71	97	57994	10.163	ug/l	99
36) 1,1-Dichloropropene	7.92	75	51568	10.618	ug/l	100
37) Ethyl Acetate	7.08	43	24896	9.952	ug/l	99
38) Carbon Tetrachloride	7.90	117	54924	10.354	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	70235	10.907	ug/l	97
40) Benzene	8.16	78	148251	10.509	ug/l	98
41) Methacrylonitrile	7.33	41	15344m	11.418	ug/l	
42) 1,2-Dichloroethane	8.24	62	39552	10.121	ug/l	99
43) Isopropyl Acetate	8.28	43	45399	9.705	ug/l	100
44) Trichloroethene	8.94	130	48549	10.962	ug/l	99
45) 1,2-Dichloropropane	9.22	63	35210	10.393	ug/l	99
46) Dibromomethane	9.31	93	19546	10.024	ug/l	98
47) Bromodichloromethane	9.50	83	47729	10.057	ug/l	98
48) Methyl methacrylate	9.30	41	21046	9.954	ug/l	96
49) 1,4-Dioxane	9.30	88	5528	214.583	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	118363	49.264	ug/l	99
52) Toluene	10.24	92	96978	10.697	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	50798	10.222	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	60213	10.449	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	29750	10.459	ug/l	97
56) Ethyl methacrylate	10.51	69	37478	9.888	ug/l	99
57) 1,3-Dichloropropane	10.79	76	49040	10.173	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	93557	46.639	ug/l	100
59) 2-Hexanone	10.83	43	82866	50.087	ug/l	97
60) Dibromochloromethane	10.99	129	36616	10.074	ug/l	99
61) 1,2-Dibromoethane	11.09	107	28934	10.234	ug/l	100
64) Tetrachloroethene	10.72	164	53904	11.373	ug/l	98
65) Chlorobenzene	11.52	112	107918	10.728	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	39642	10.623	ug/l	99
67) Ethyl Benzene	11.60	91	188248	10.679	ug/l	98
68) m/p-Xylenes	11.70	106	145663	21.320	ug/l	100
69) o-Xylene	12.03	106	69019	10.762	ug/l	97
70) Styrene	12.04	104	117149	10.698	ug/l	100
71) Bromoform	12.20	173	24059	10.394	ug/l #	99
73) Isopropylbenzene	12.33	105	190707	10.562	ug/l	99
74) N-amyl acetate	12.14	43	43849	10.153	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	28300	9.991	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	23962m	9.866	ug/l	
77) Bromobenzene	12.61	156	47699	10.575	ug/l	99
78) n-propylbenzene	12.67	91	223963	10.689	ug/l	100
79) 2-Chlorotoluene	12.75	91	125041	10.764	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	163384	10.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	12559	10.240	ug/l #	75
82) 4-Chlorotoluene	12.86	91	133314	10.946	ug/l	99
83) tert-Butylbenzene	13.08	119	144790	11.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	163384	10.933	ug/l	100
85) sec-Butylbenzene	13.25	105	202859	11.131	ug/l	99
86) p-Isopropyltoluene	13.37	119	189167	11.076	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	96577	11.288	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	95981	11.339	ug/l	96
89) n-Butylbenzene	13.70	91	182309	11.710	ug/l	99
90) Hexachloroethane	13.96	117	35889	11.496	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	87933	11.522	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	5775	10.872	ug/l	98

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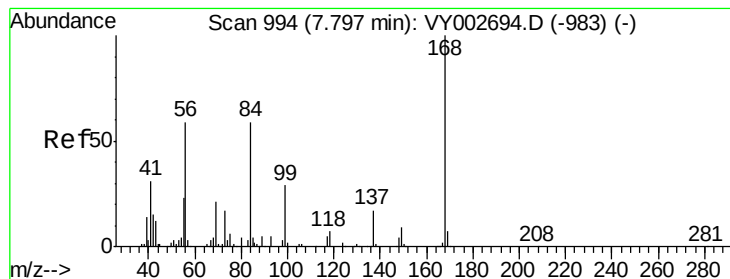
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	81833	14.701	ug/l	99
94) Hexachlorobutadiene	15.11	225	49272	14.720	ug/l	98
95) Naphthalene	15.23	128	140398	13.897	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	75065	15.906	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 395721

Ion Ratio Lower Upper

168 100

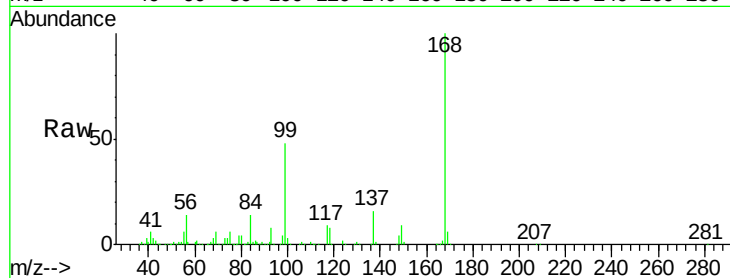
99 48.2 39.2 58.8

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Abundance Ion 167.90 (167.60 to 168.60): VY002694.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002694.D (-983) (-)

7.80

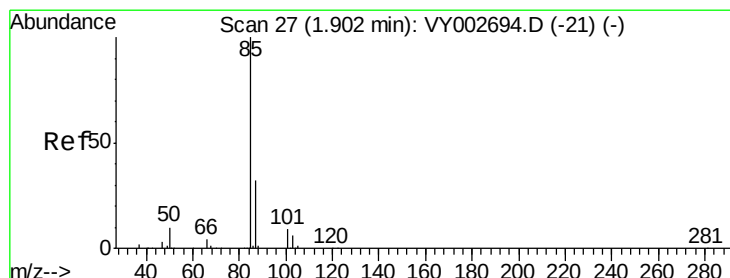
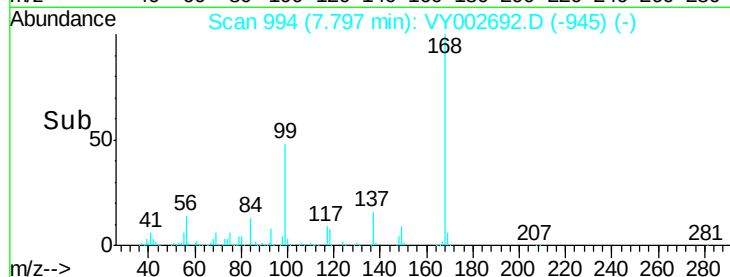
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 10.363 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY002692.D

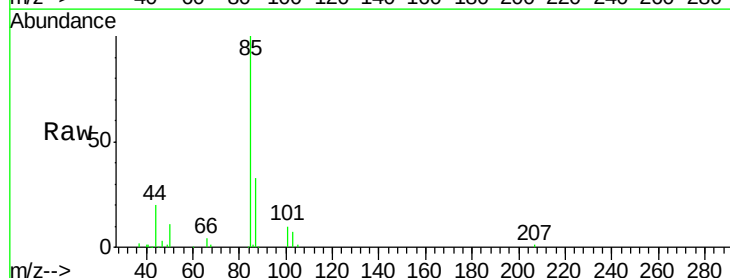
Acq: 15 May 2020 11:50

Tgt Ion: 85 Resp: 29615

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY002694.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY002694.D (-21) (-)

1.90

20000

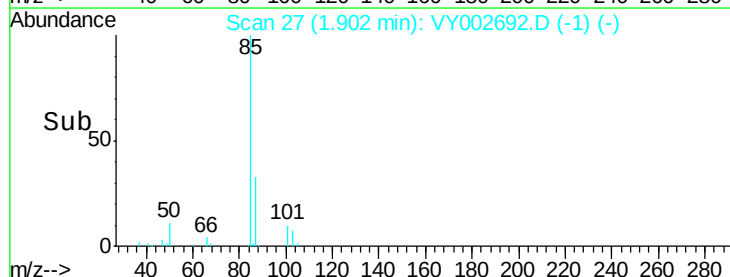
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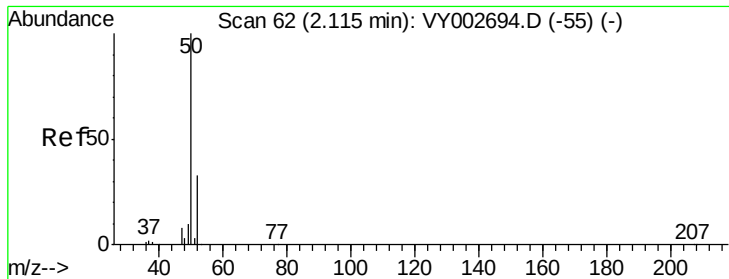
10000

5000

0

Time-->





#3

Chloromethane

Concen: 10.865 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 33955

Ion Ratio Lower Upper

50 100

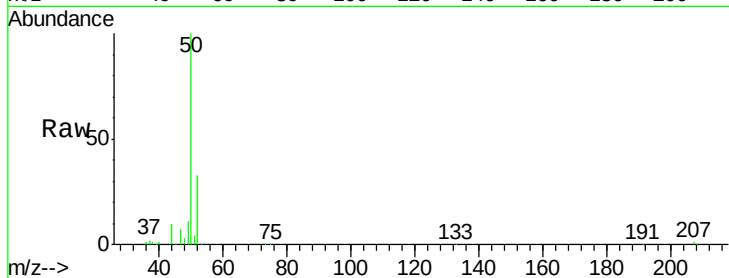
52 33.1 26.3 39.5

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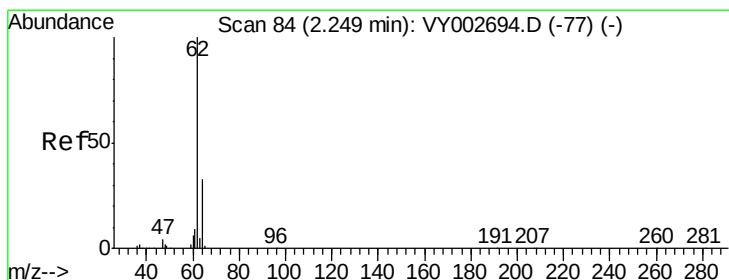
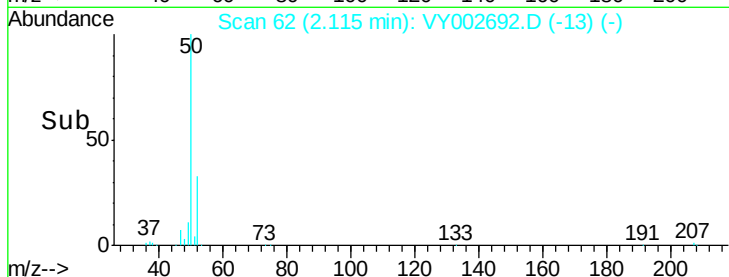
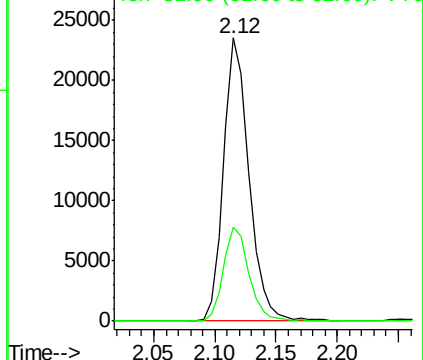
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 9.691 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY002692.D

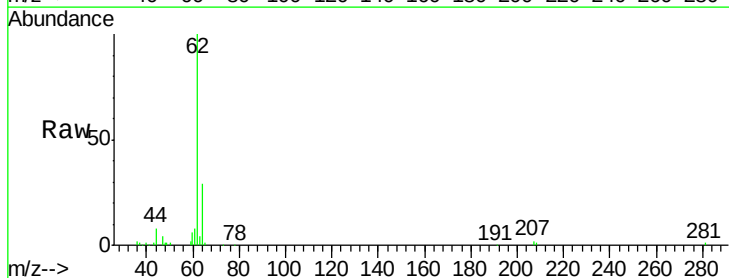
Acq: 15 May 2020 11:50

Tgt Ion: 62 Resp: 34533

Ion Ratio Lower Upper

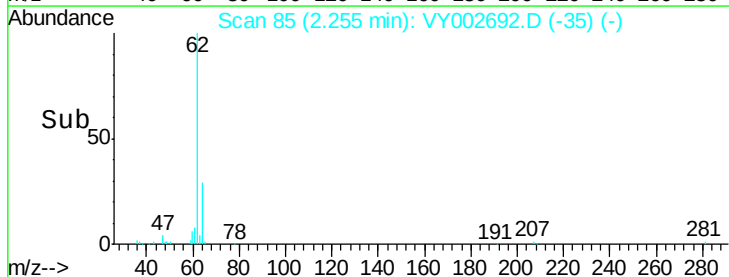
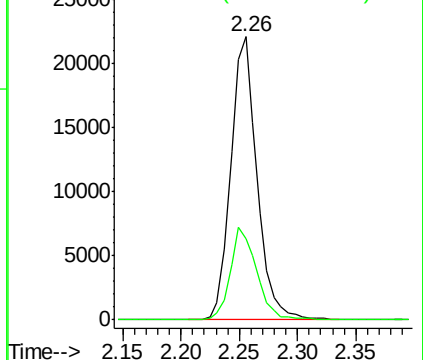
62 100

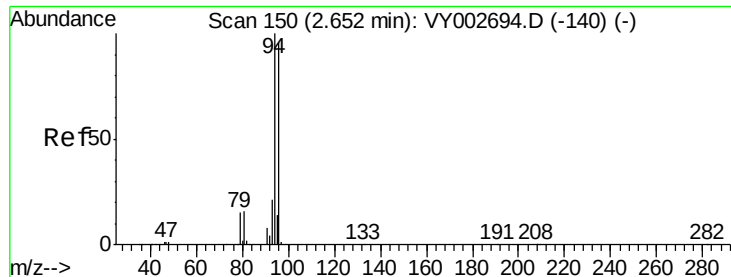
64 28.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 11.002 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 27752

Ion Ratio Lower Upper

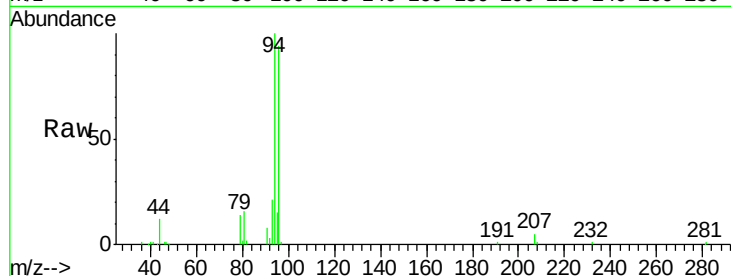
94 100

96 94.2 76.8 115.2

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

15000

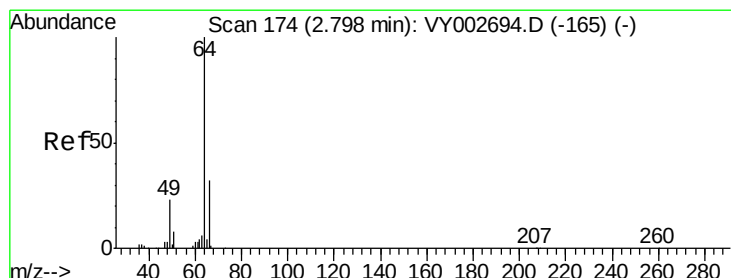
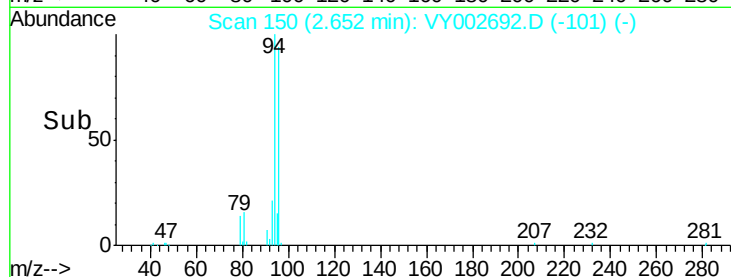
10000

5000

0

2.60 2.70

Time-->



#6

Chloroethane

Concen: 10.346 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY002692.D

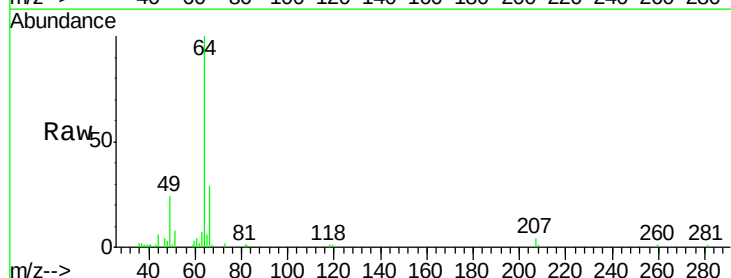
Acq: 15 May 2020 11:50

Tgt Ion: 64 Resp: 22500

Ion Ratio Lower Upper

64 100

66 28.6 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

12000

10000

8000

6000

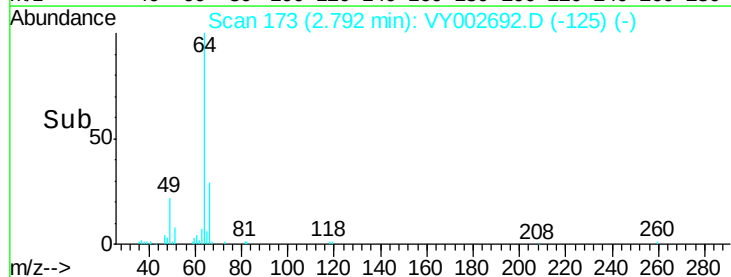
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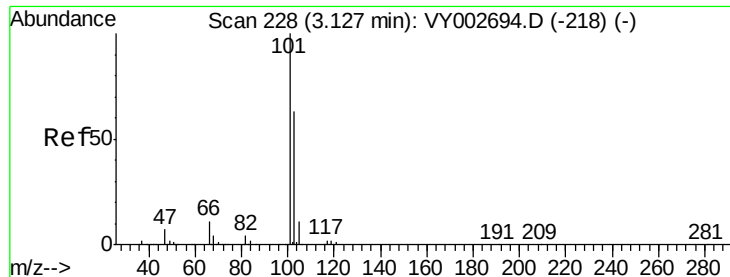
2000

0

2.70 2.80 2.90

Time-->





#7

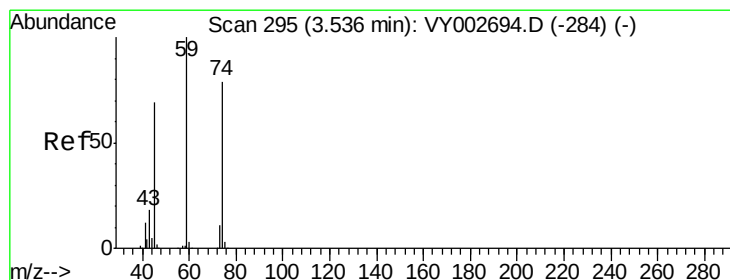
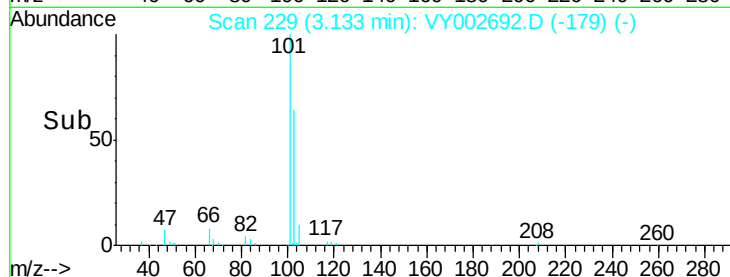
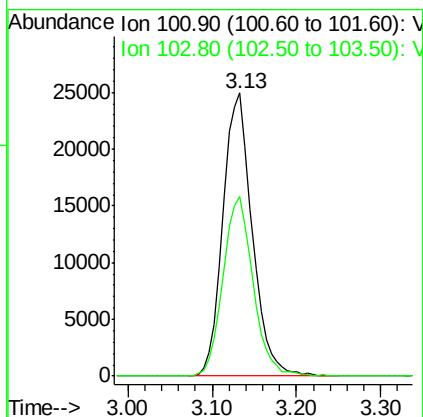
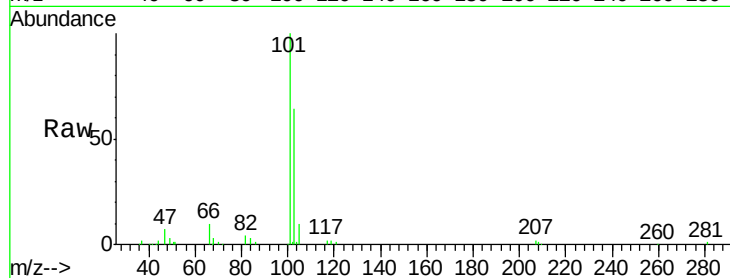
Trichlorofluoromethane
Concen: 10.500 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
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ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.6	50.6	75.8

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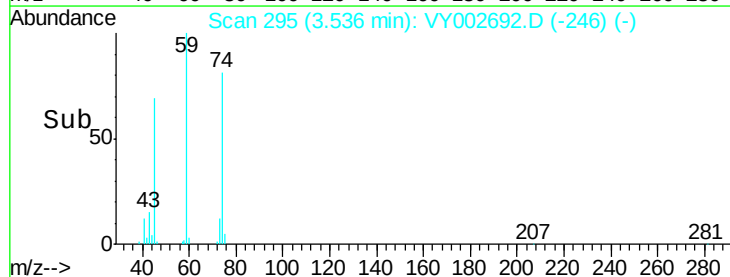
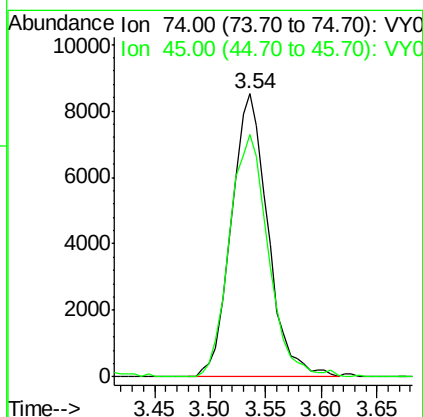
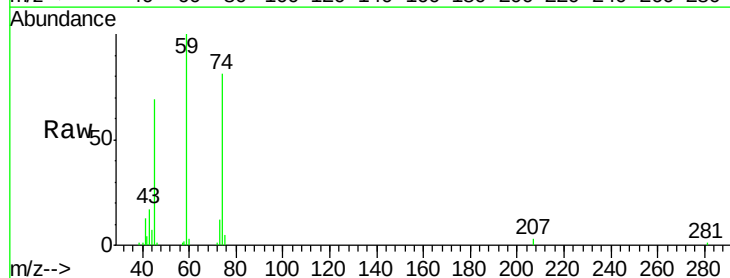
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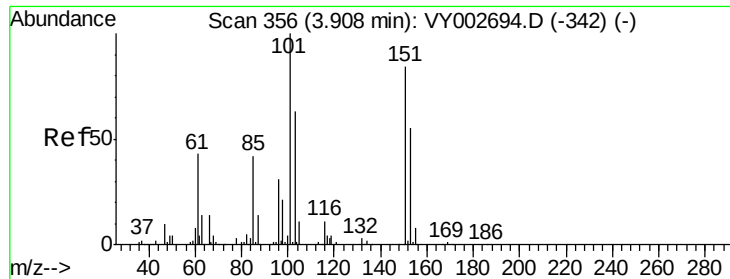


#8

Diethyl Ether
Concen: 10.086 ug/l
RT: 3.54 min Scan# 295
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.8	43.8	131.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.552 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

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MSVOA_Y

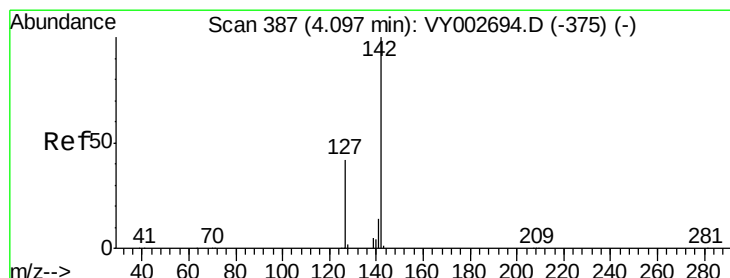
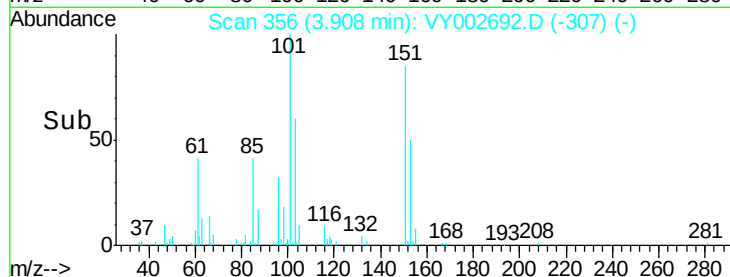
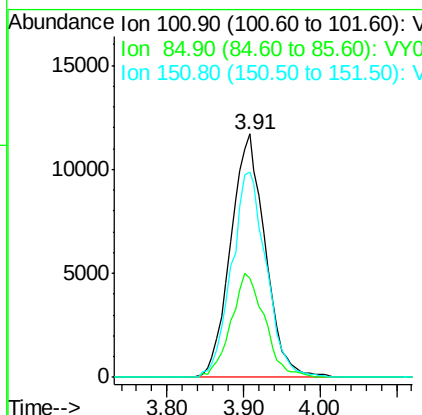
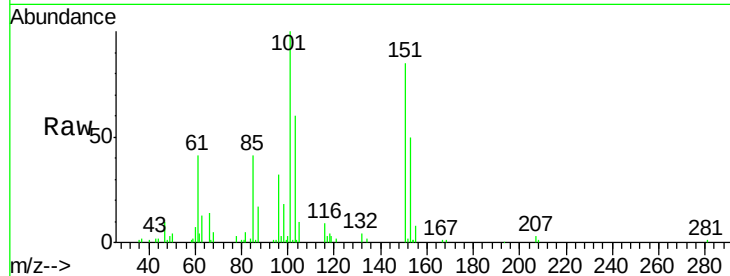
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	36607
Ion Ratio	Lower	Upper	
101	100		
85	41.5	33.5	50.3
151	85.0	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 9.322 ug/l

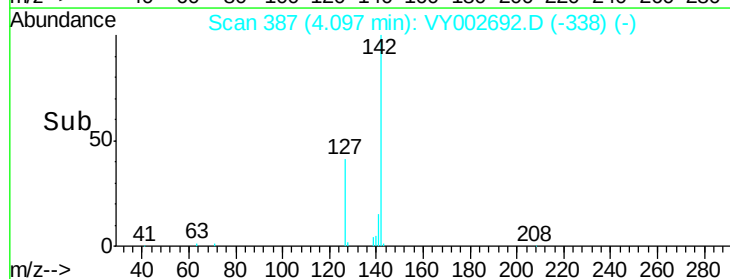
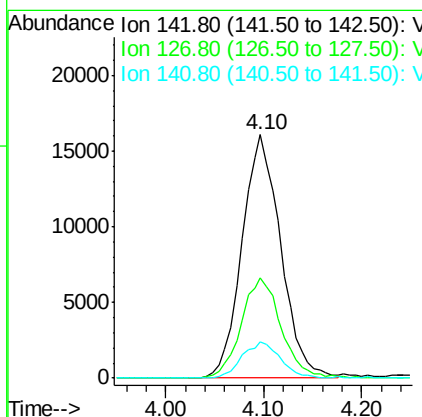
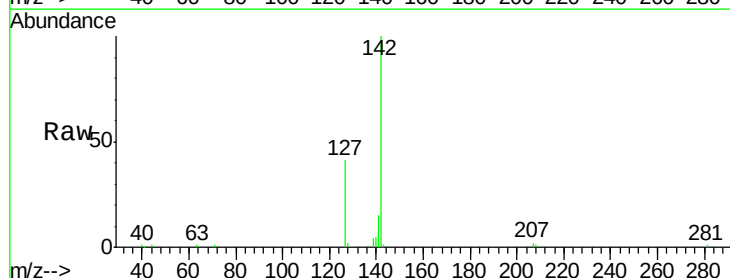
RT: 4.10 min Scan# 387

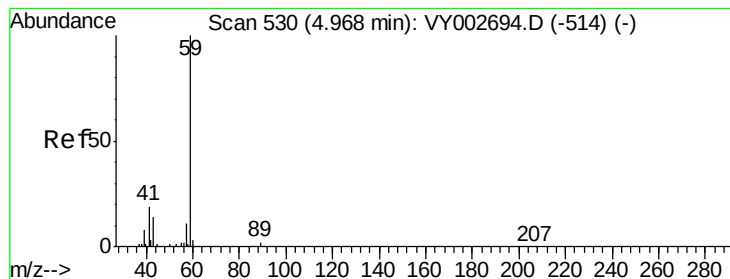
Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Tgt Ion:	142	Resp:	44140
Ion Ratio	Lower	Upper	
142	100		
127	42.3	32.8	49.2
141	14.6	11.3	16.9





#11

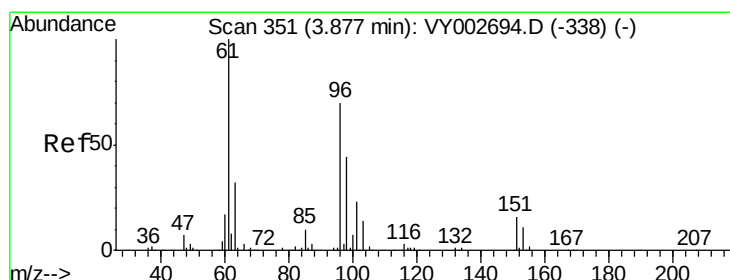
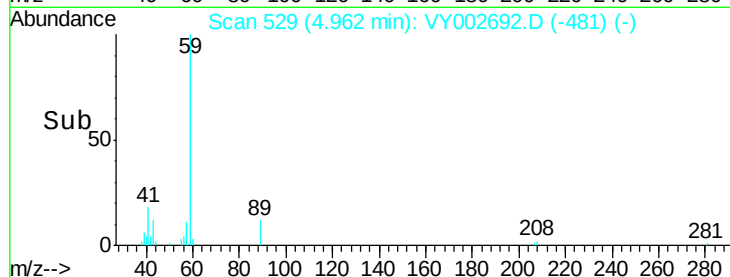
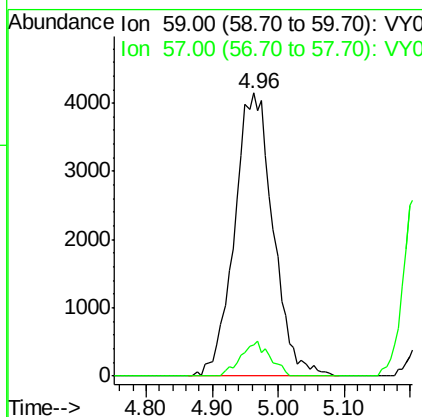
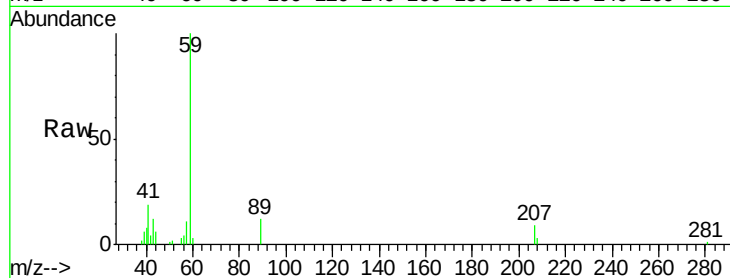
Tert butyl alcohol
 Concen: 49.489 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	7.7	11.5

Manual Integrations
 APPROVED

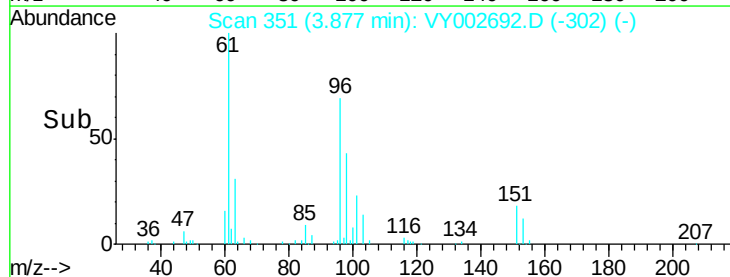
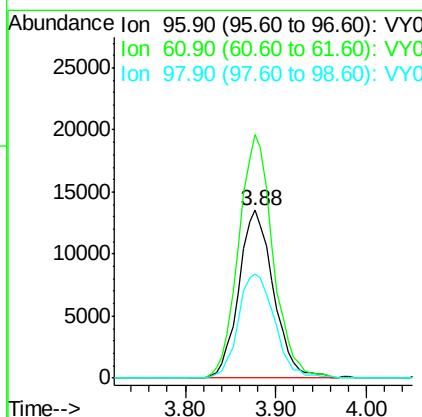
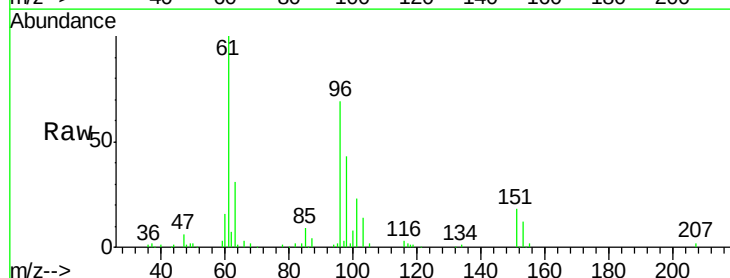
MMDadoda
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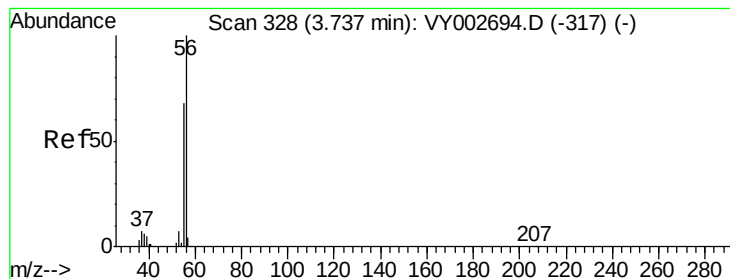


#12

1,1-Dichloroethene
 Concen: 10.624 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.3	113.8	170.8
98	62.2	50.4	75.6





#13

Acrolein

Concen: 75.558 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 19339

Ion Ratio Lower Upper

56 100

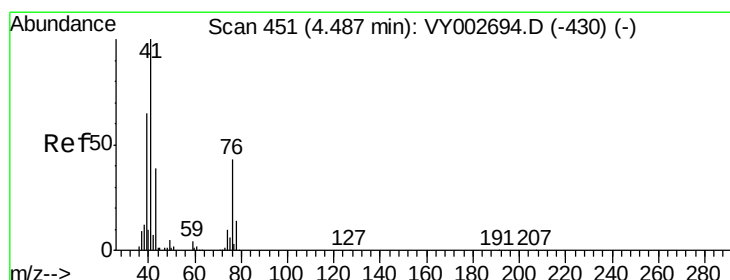
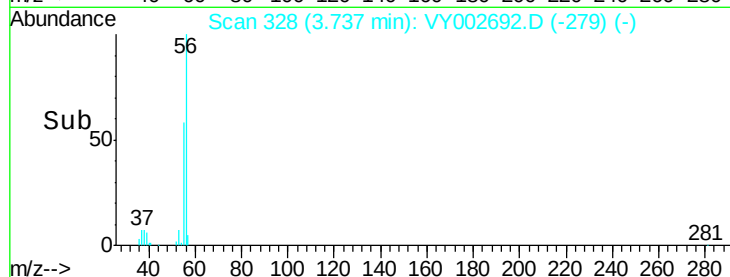
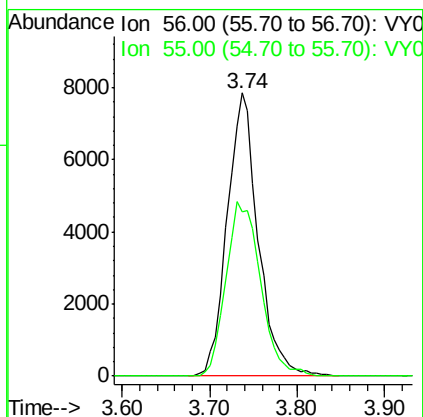
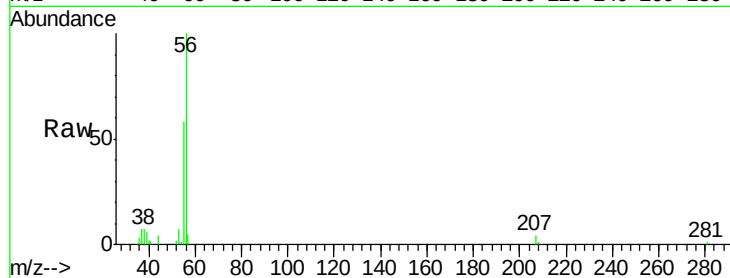
55 68.8 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 10.273 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

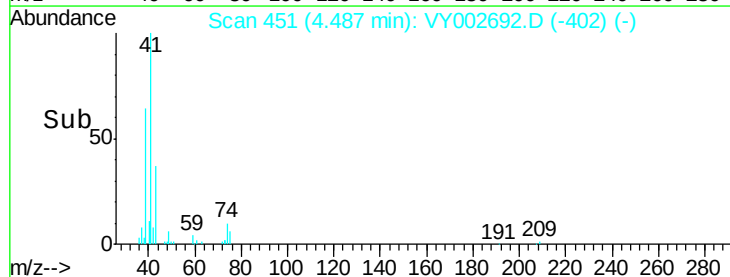
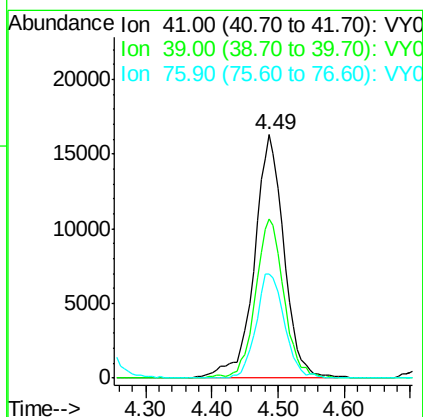
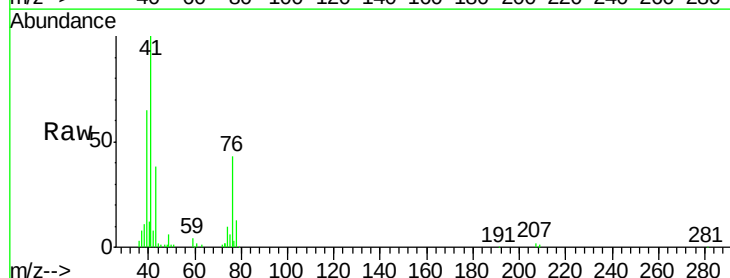
Tgt Ion: 41 Resp: 50603

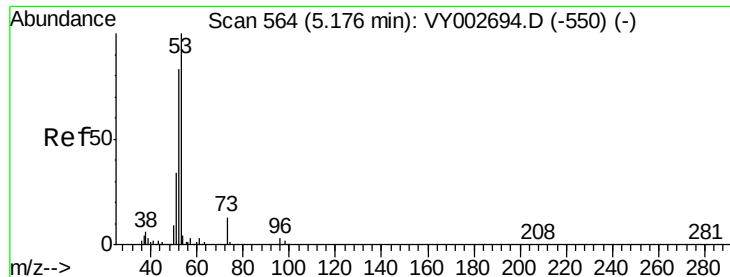
Ion Ratio Lower Upper

41 100

39 62.8 50.3 75.5

76 41.1 33.2 49.8





#15

Acrylonitrile

Concen: 49.229 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

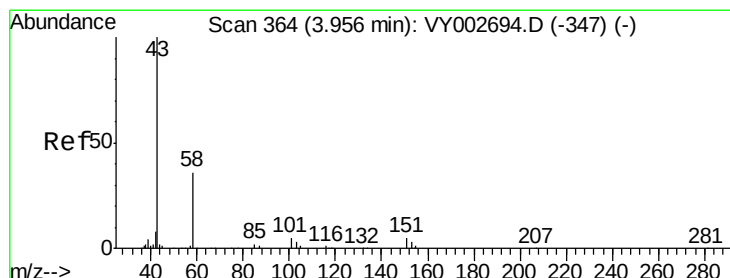
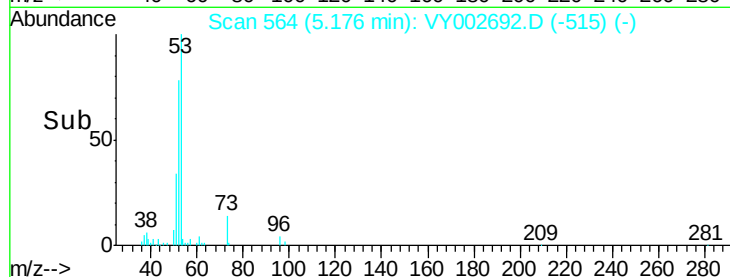
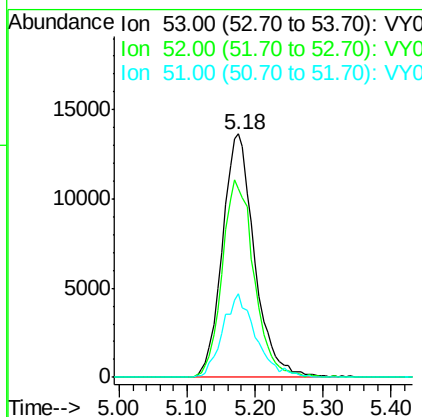
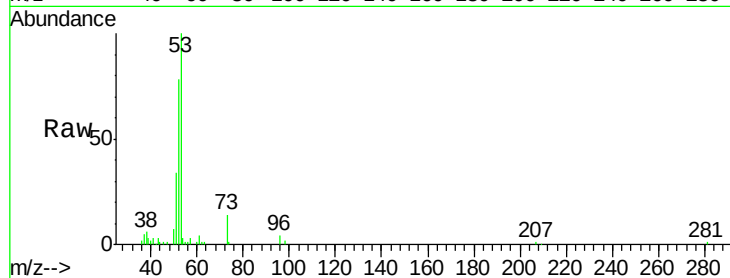
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	44579
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.0	97.6
51	35.5	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 48.050 ug/l

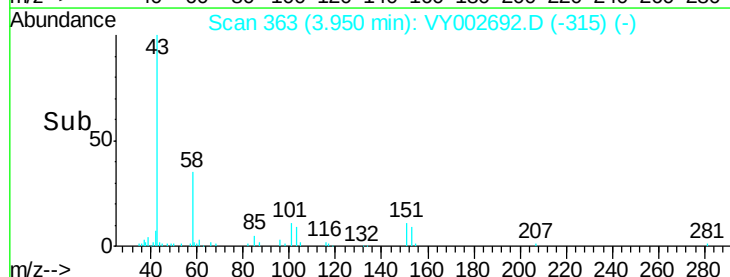
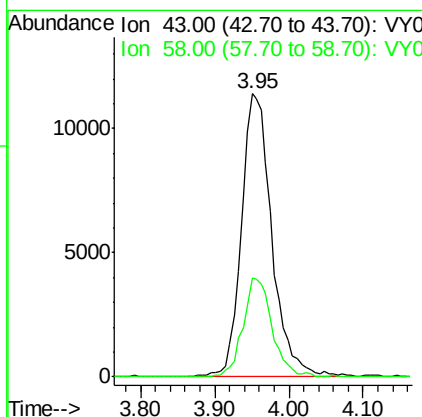
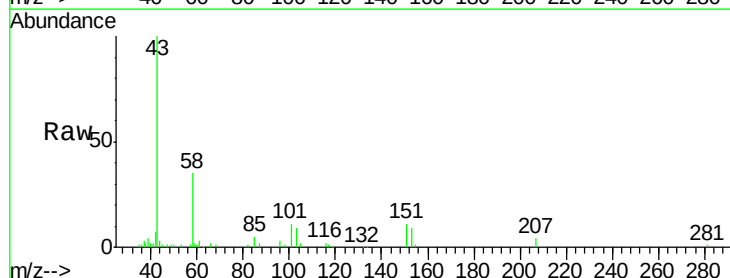
RT: 3.95 min Scan# 363

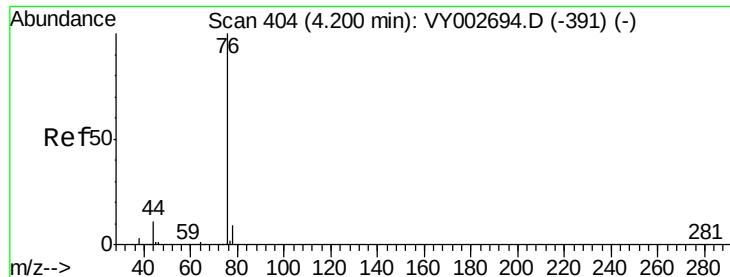
Delta R.T. -0.01 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Tgt Ion:	43	Resp:	32670
Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.6	43.0





#17

Carbon Disulfide

Concen: 11.071 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 113095

Ion Ratio Lower Upper

76 100

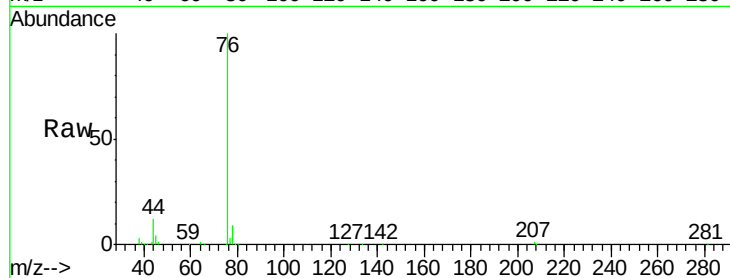
78 8.9 7.1 10.7

Manual Integrations

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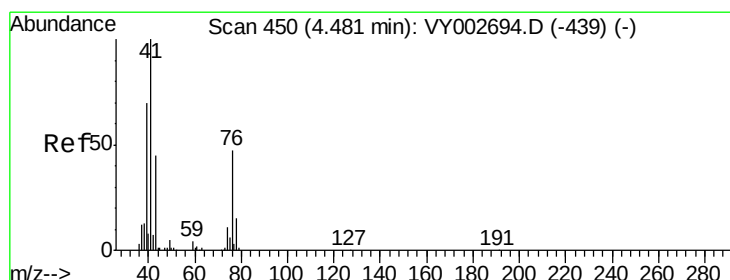
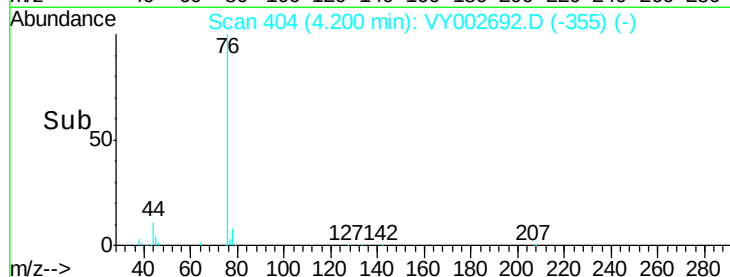
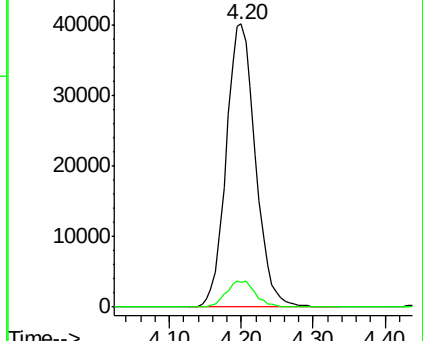
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 8.375 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY002692.D

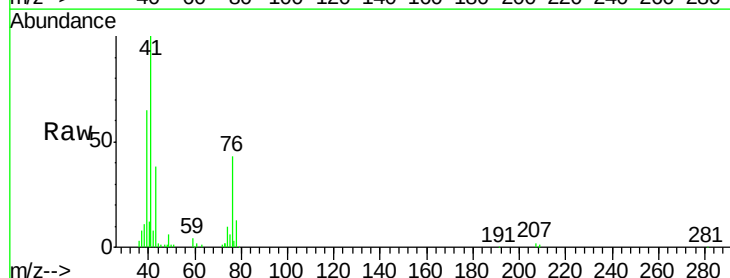
Acq: 15 May 2020 11:50

Tgt Ion: 43 Resp: 18629

Ion Ratio Lower Upper

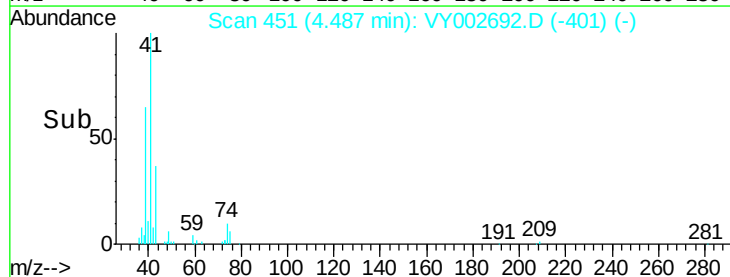
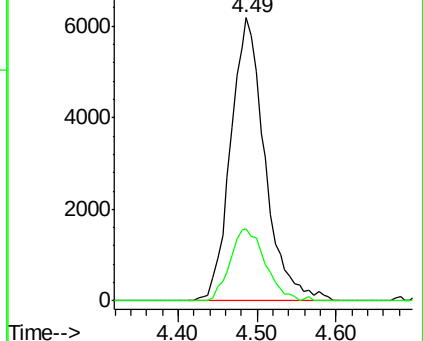
43 100

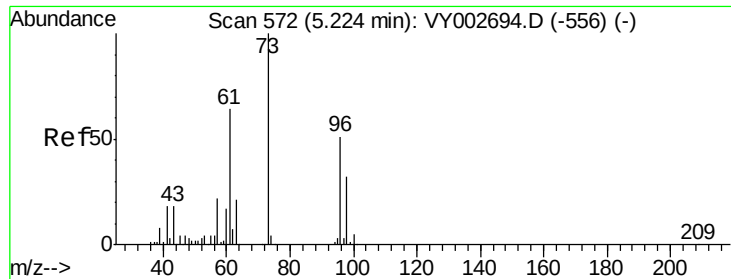
74 25.9 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





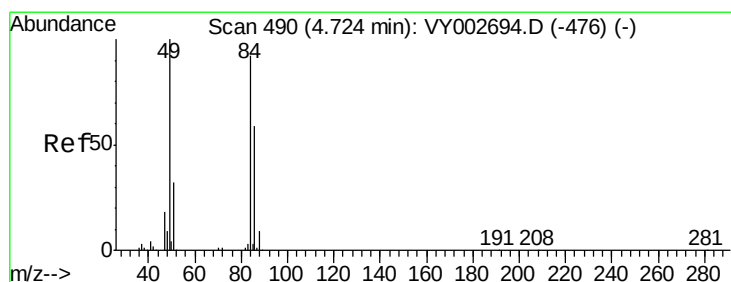
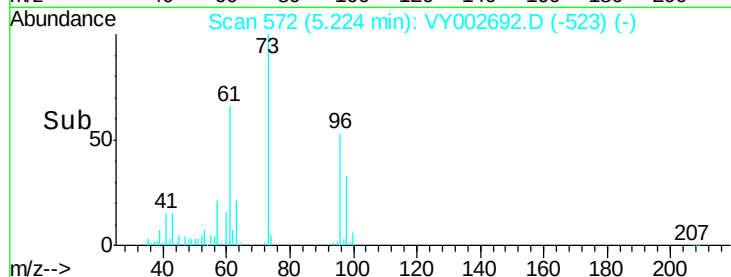
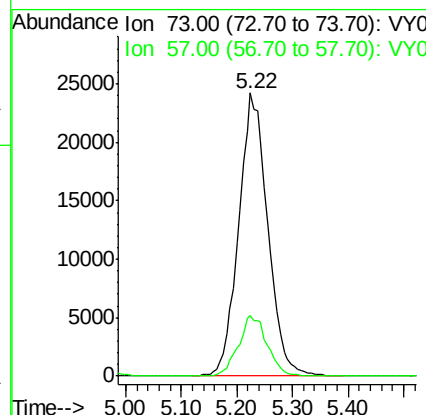
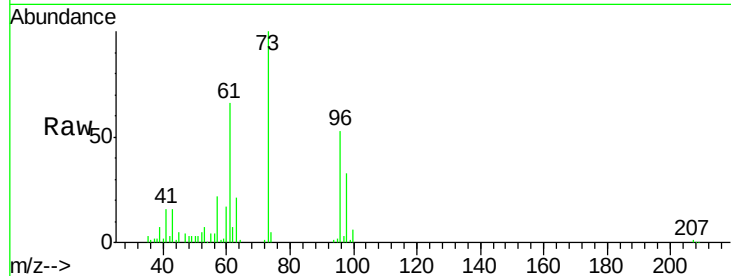
#19
Methyl tert-butyl Ether
Concen: 9.959 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampled :
VSTDIC010

Tot Ion: 73 Resp: 87924
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

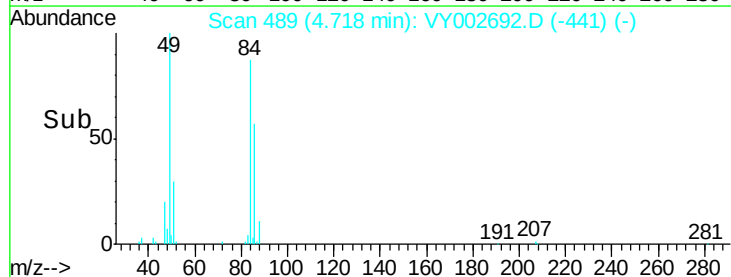
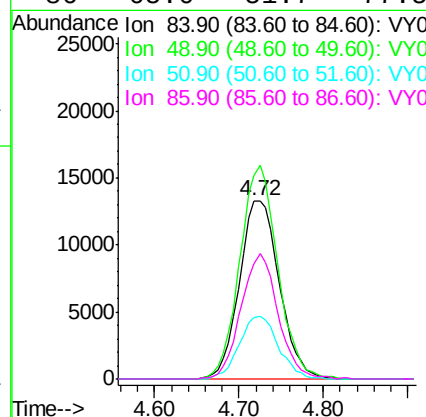
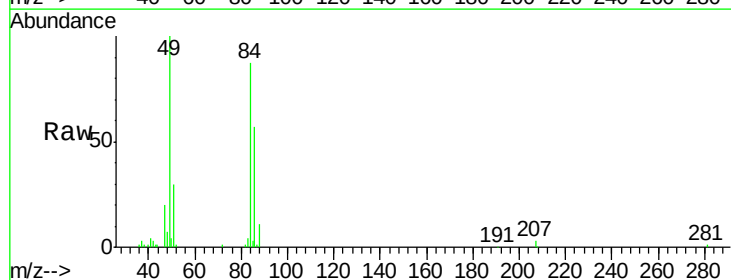
Manual Integrations
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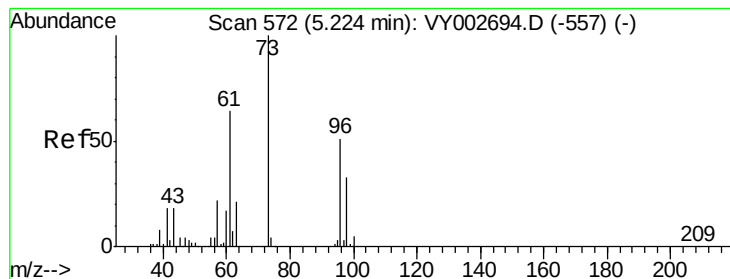
MMDadoda
5/18/2020 1:36:02 PM



#20
Methylene Chloride
Concen: 11.118 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion: 84 Resp: 42721
Ion Ratio Lower Upper
84 100
49 114.5 87.4 131.0
51 34.7 27.9 41.9
86 65.0 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 10.927 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 96 Resp: 40672

Ion Ratio Lower Upper

96 100

61 124.6 99.6 149.4

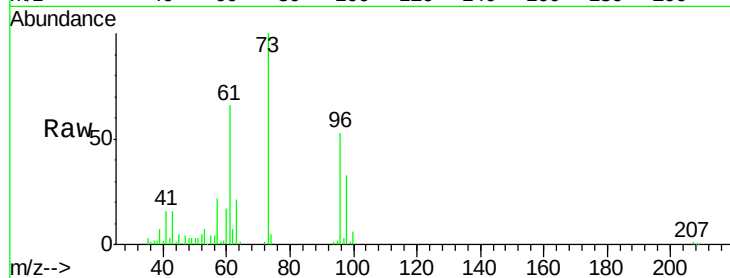
98 63.0 50.6 76.0

Manual Integrations

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5/18/2020 1:36:02 PM

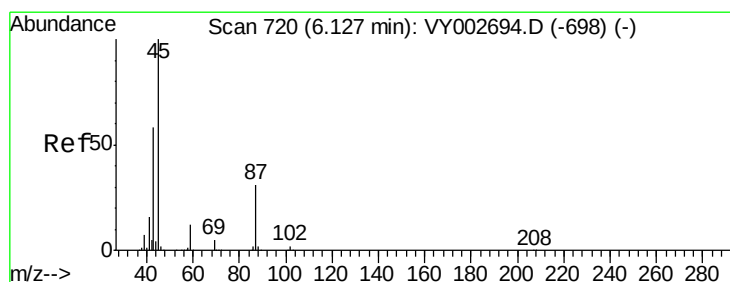
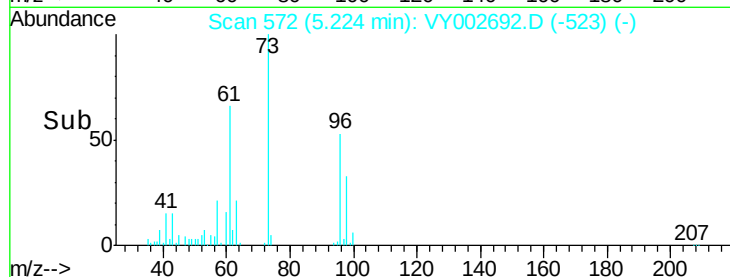
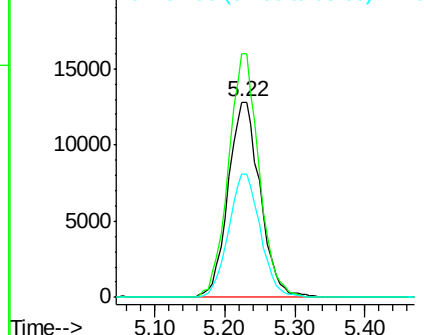


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 10.246 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Tgt Ion: 45 Resp: 102323

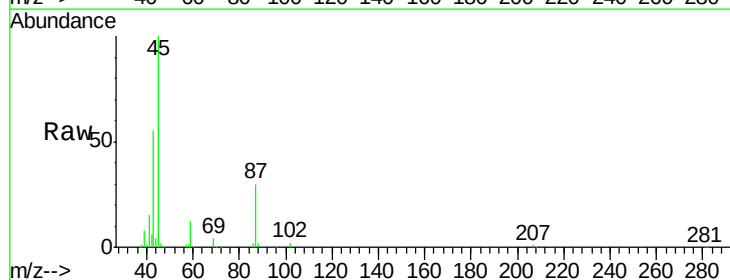
Ion Ratio Lower Upper

45 100

43 54.5 46.1 69.1

87 29.6 24.9 37.3

59 11.9 9.8 14.8



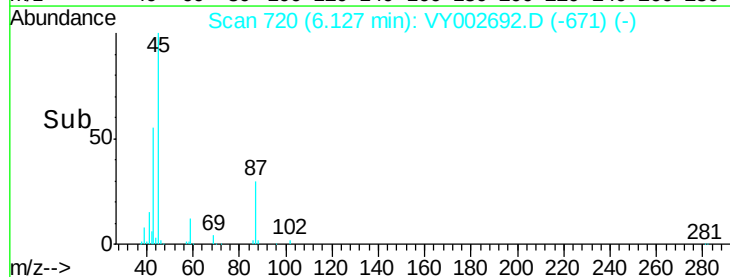
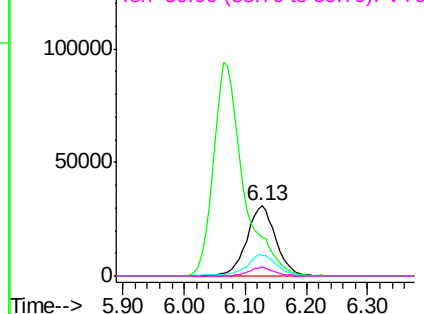
Abundance

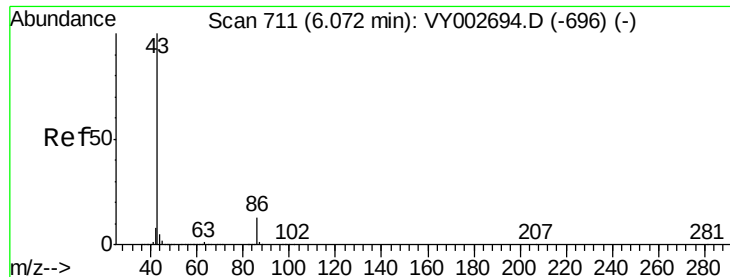
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 51.120 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 321796

Ion Ratio Lower Upper

43 100

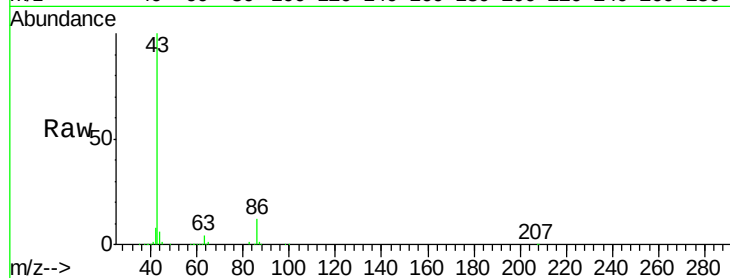
86 12.4 10.1 15.1

Manual Integrations

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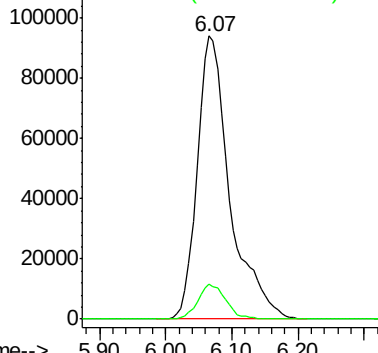
MMDadoda

5/18/2020 1:36:02 PM

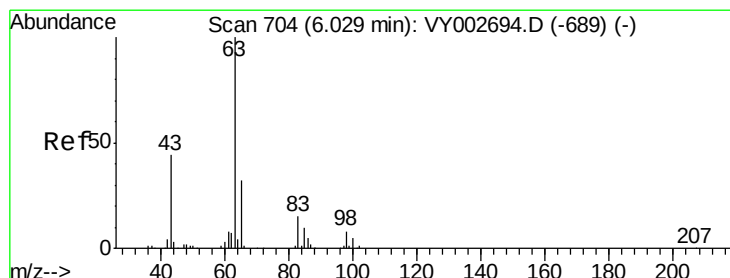
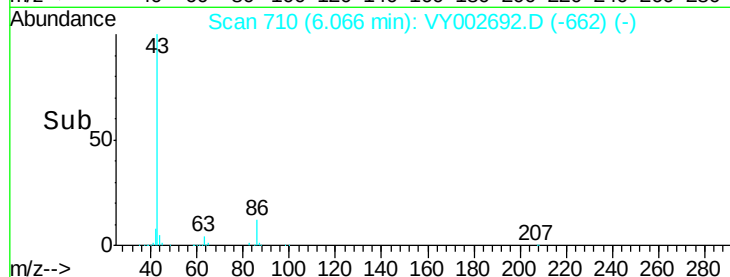


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time--> 5.90 6.00 6.10 6.20



#24

1,1-Dichloroethane

Concen: 10.301 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

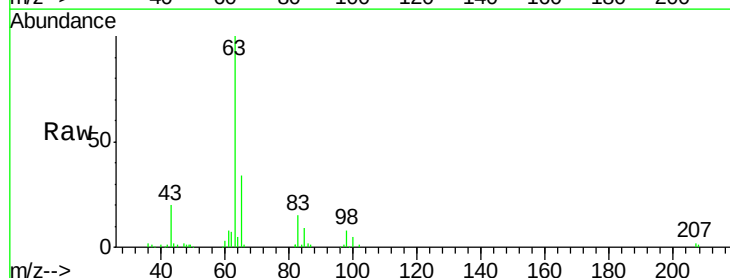
Tgt Ion: 63 Resp: 60787

Ion Ratio Lower Upper

63 100

98 7.9 4.0 11.9

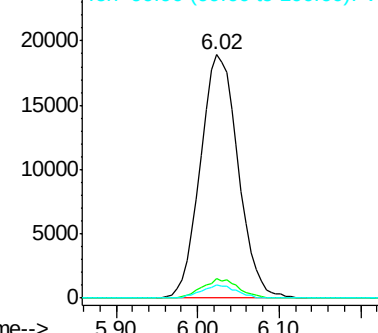
100 5.2 2.5 7.6



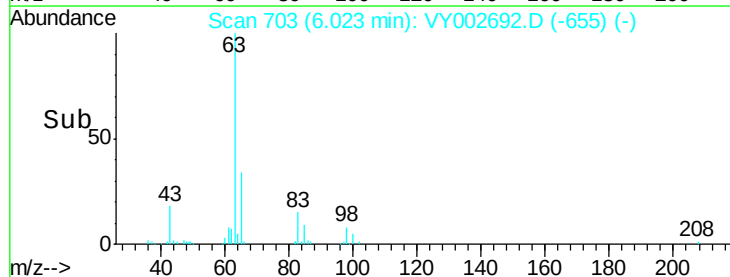
Abundance Ion 62.90 (62.60 to 63.60): VY0

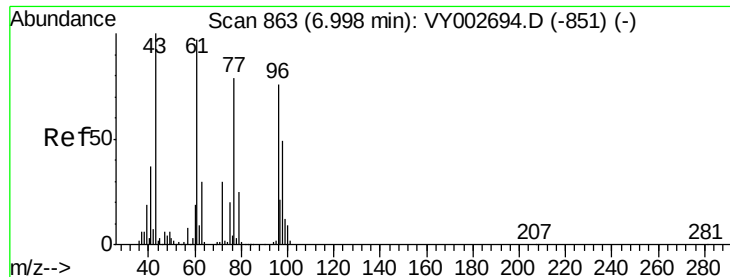
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time--> 5.90 6.00 6.10





#25

2-Butanone

Concen: 48.362 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 53733

Ion Ratio Lower Upper

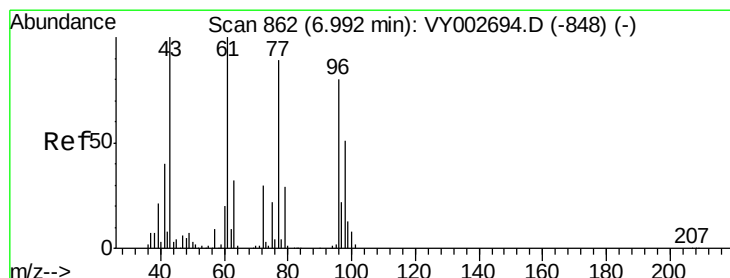
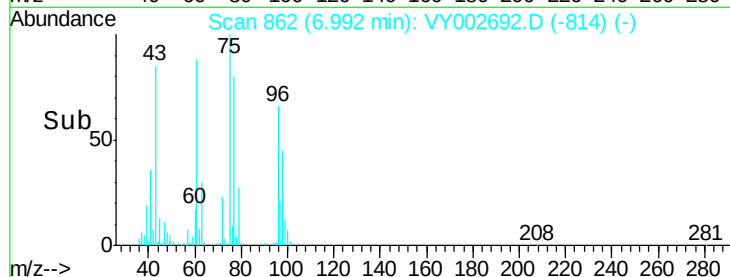
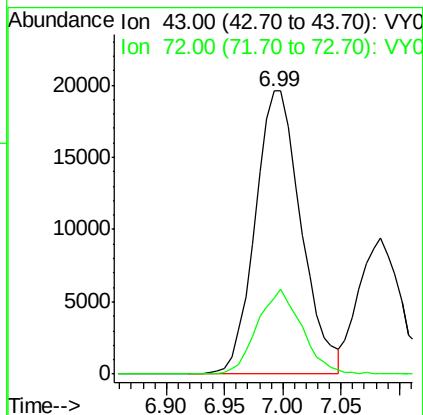
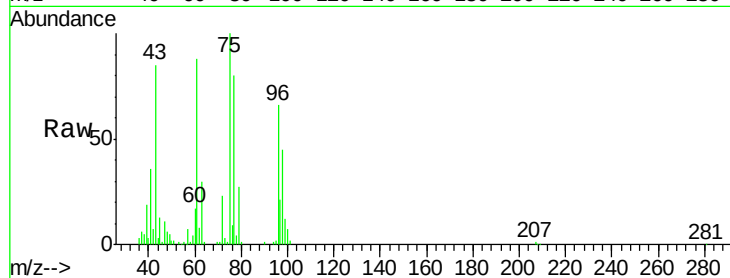
43 100

72 26.8 24.1 36.1

Manual Integrations
APPROVED

MMDadoda

5/18/2020 1:36:02 PM



#26

2,2-Dichloropropane

Concen: 10.368 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY002692.D

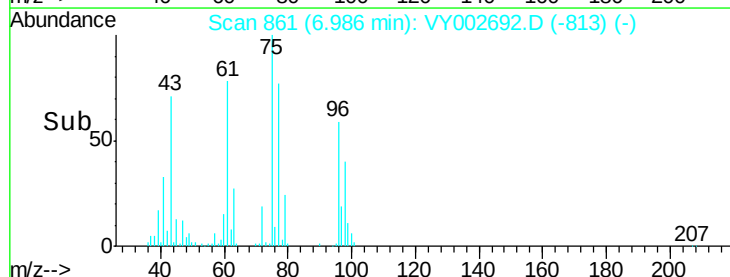
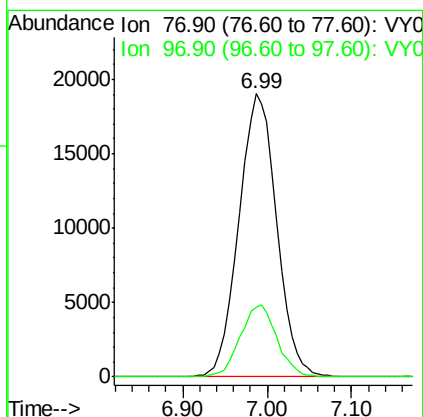
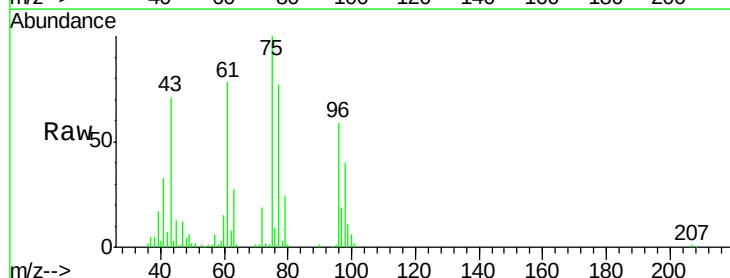
Acq: 15 May 2020 11:50

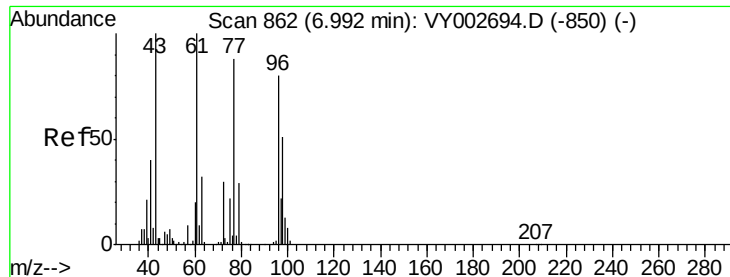
Tgt Ion: 77 Resp: 58016

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.9





#27

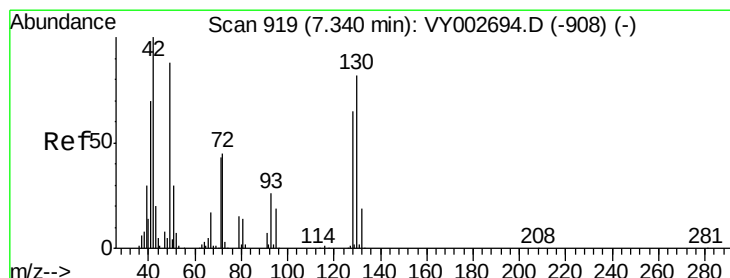
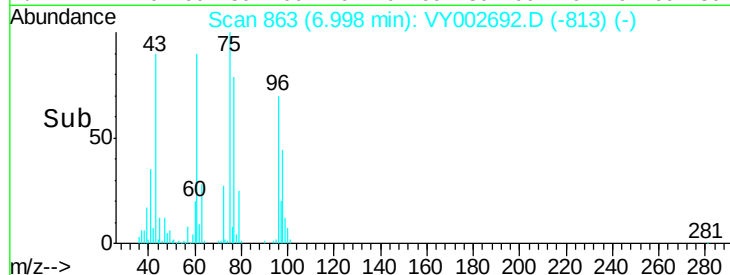
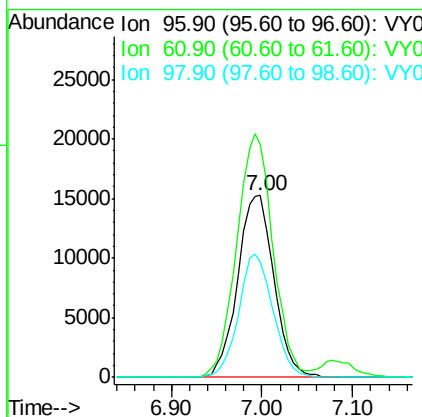
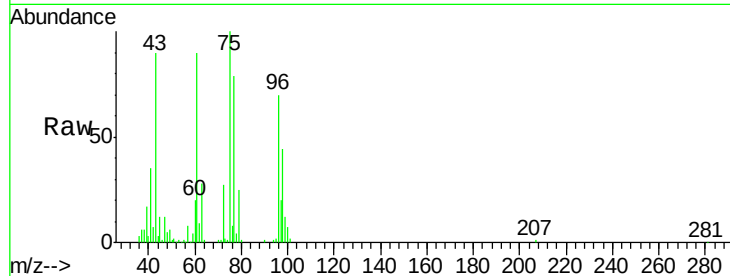
cis-1,2-Dichloroethene
Concen: 10.250 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	0.0	258.0
98	64.1	0.0	128.4

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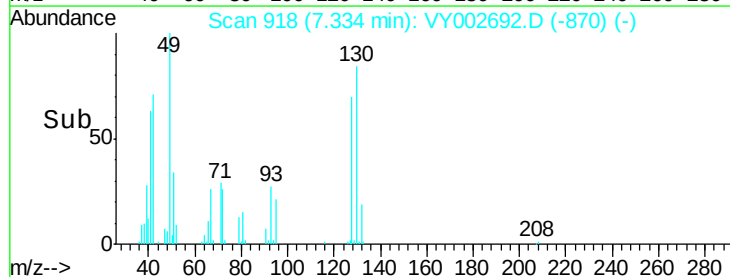
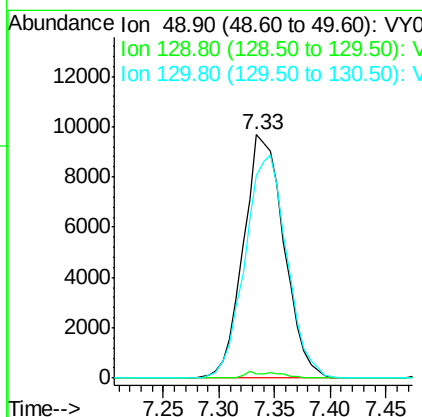
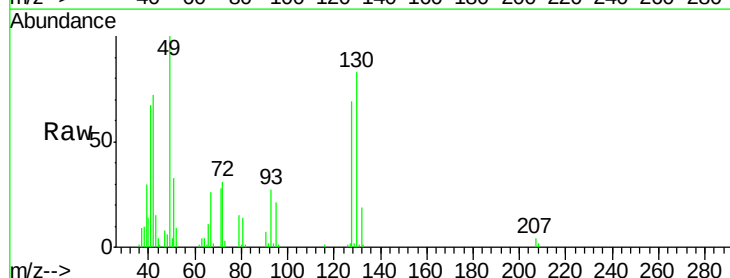
MMDadoda
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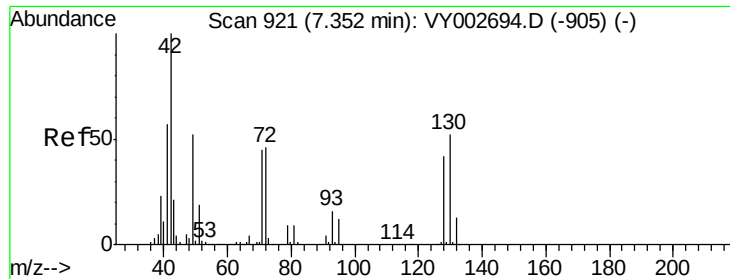


#28

Bromochloromethane
Concen: 10.224 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	94.0	75.3	112.9





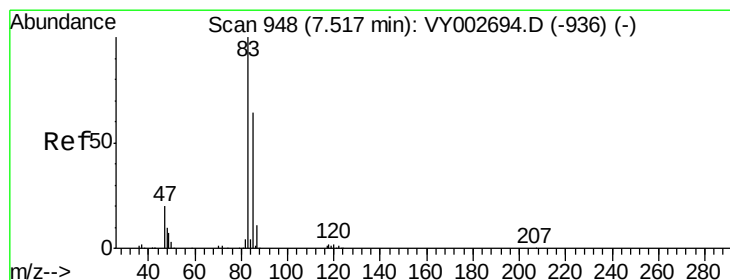
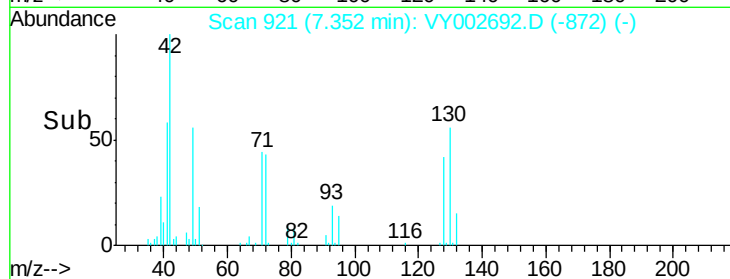
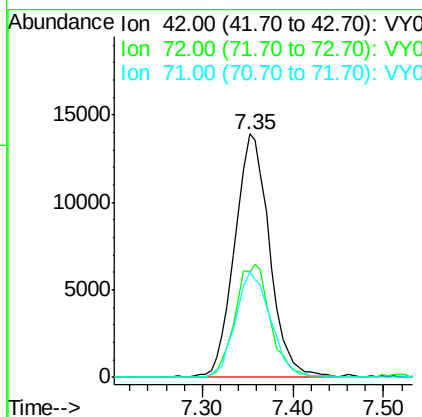
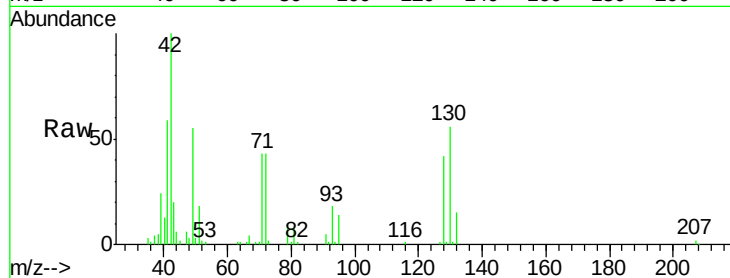
#29
Tetrahydrofuran
Concen: 50.327 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	38.2	57.2
71	43.5	35.8	53.8

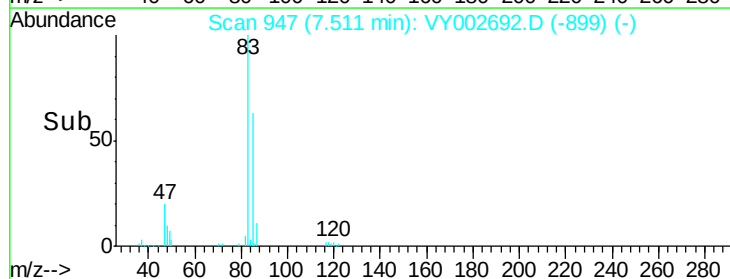
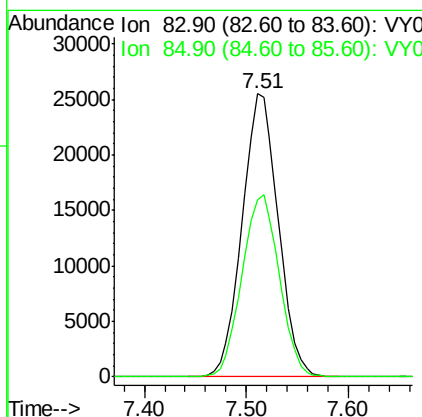
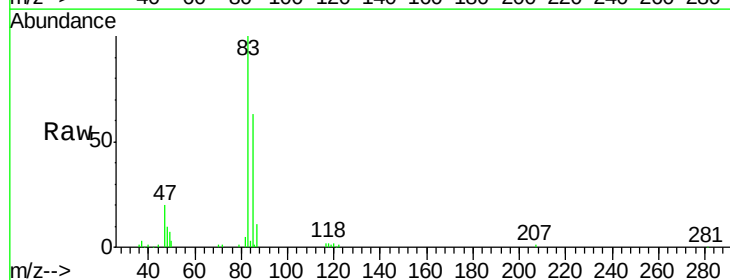
Manual Integrations
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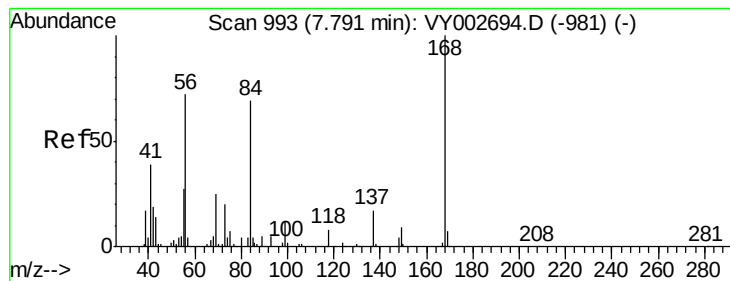
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#30
Chloroform
Concen: 10.196 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.5	77.3





#31

Cyclohexane

Concen: 10.820 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

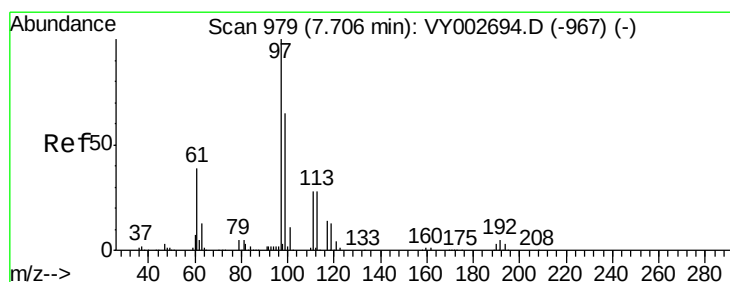
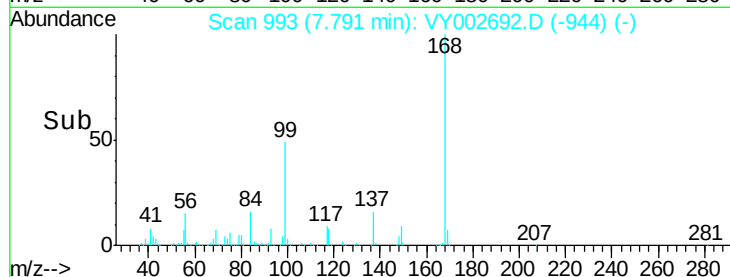
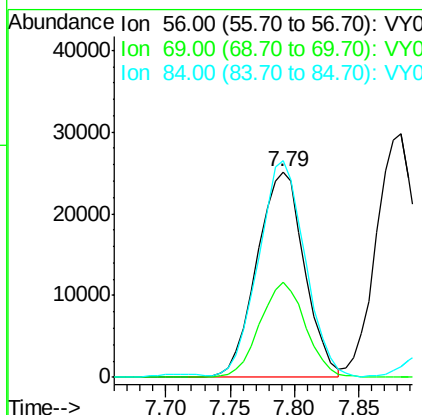
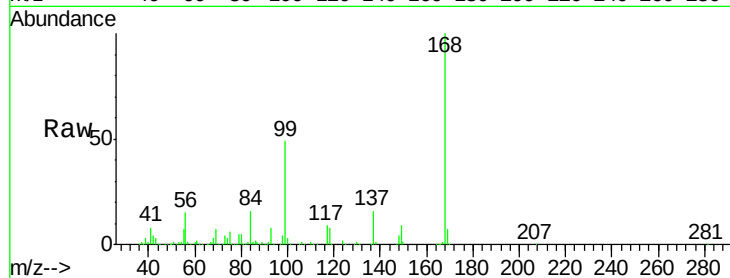
ClientSampleId :

VSTDIC010

Tot Ion:	56	Resp:	64380
Ion	Ratio	Lower	Upper
56	100		
69	46.4	27.7	41.5#
84	104.2	77.0	115.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 10.163 ug/l

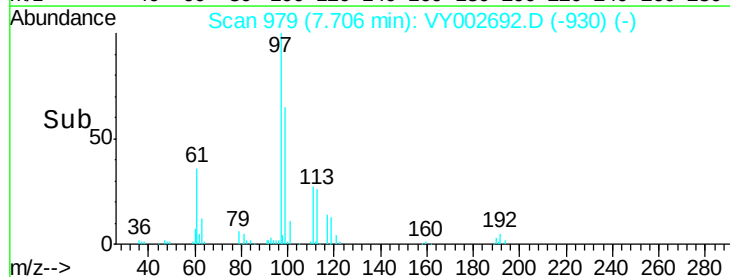
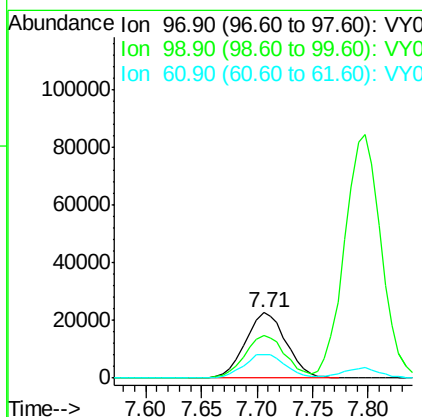
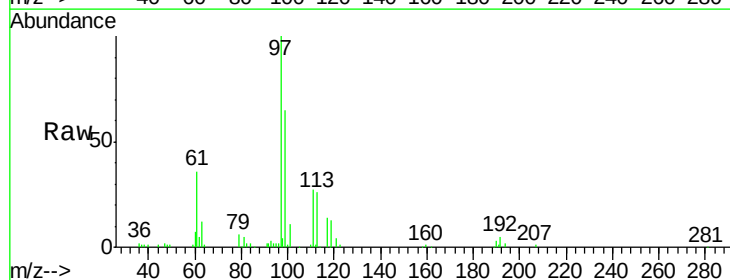
RT: 7.71 min Scan# 979

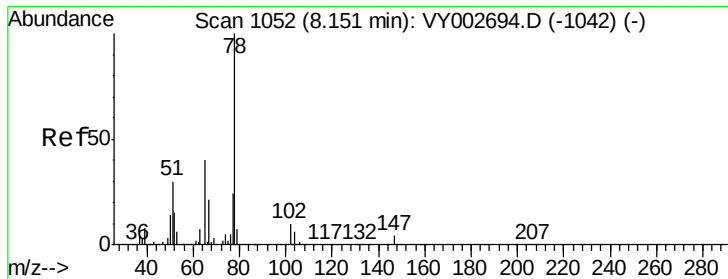
Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Tgt Ion:	97	Resp:	57994
Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.6	77.4
61	37.3	30.6	45.8





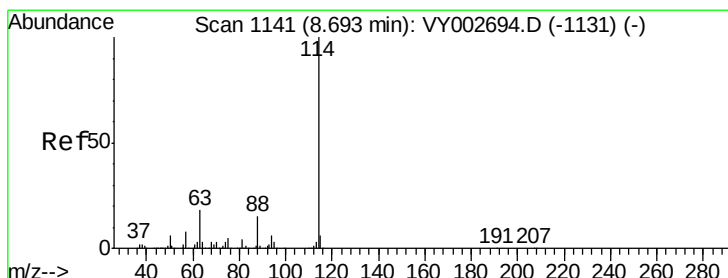
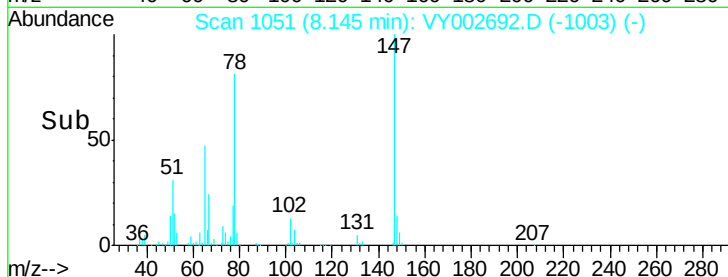
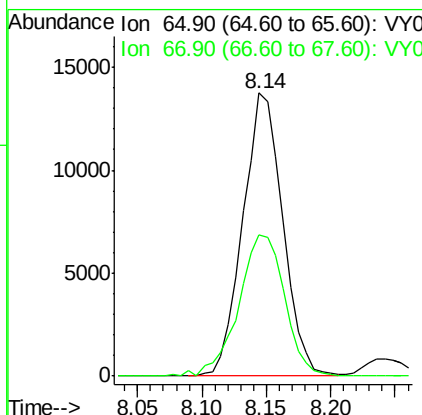
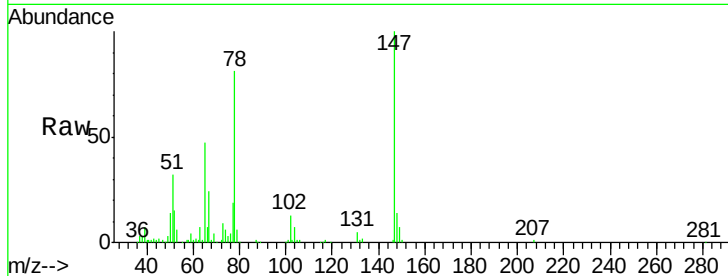
#33
 1,2-Dichloroethane-d4
 Concen: 8.943 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	29585		
67	57.2	0.0	109.0	

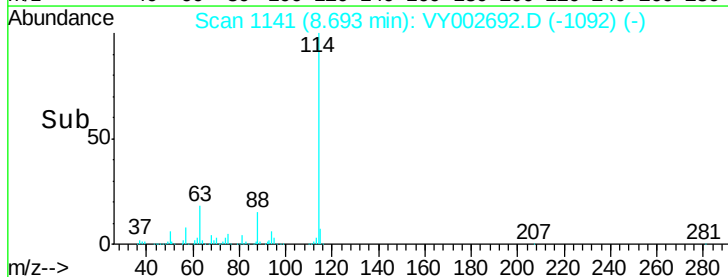
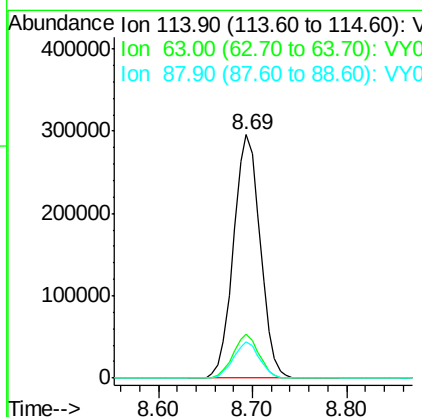
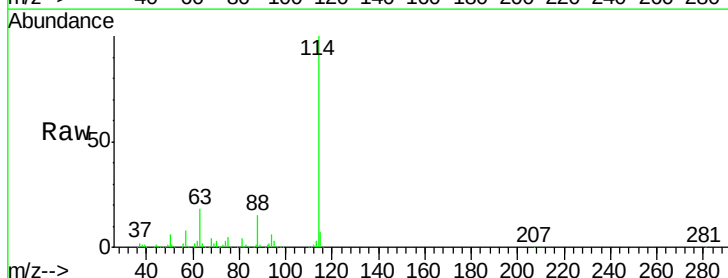
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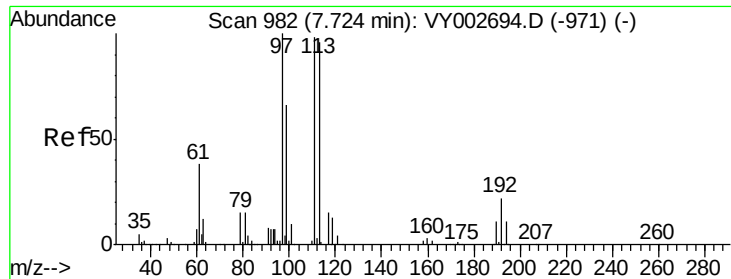
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	582779		
63	17.9	0.0	35.4	
88	15.0	0.0	29.4	





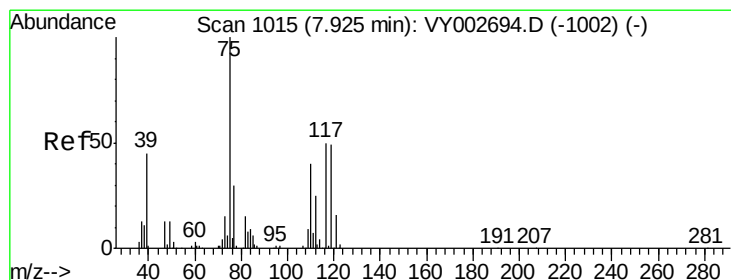
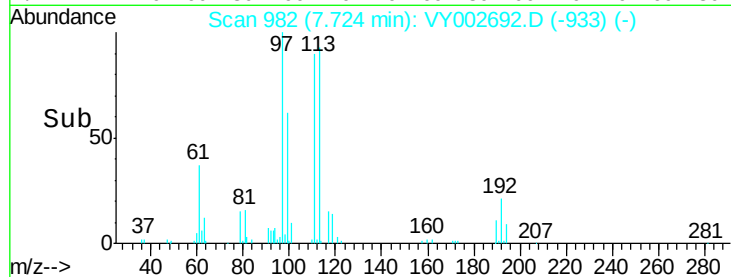
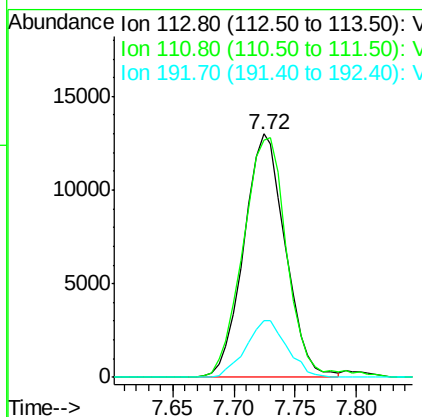
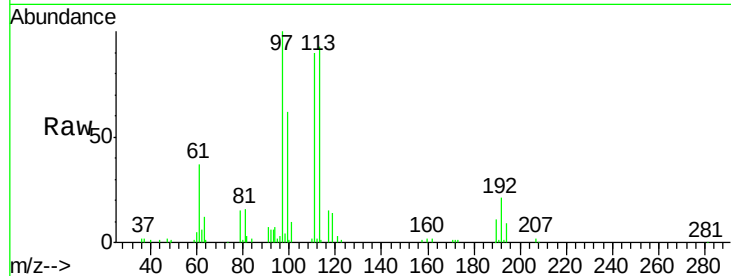
#35
 Dibromofluoromethane
 Concen: 9.239 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	23.1	18.6	27.8

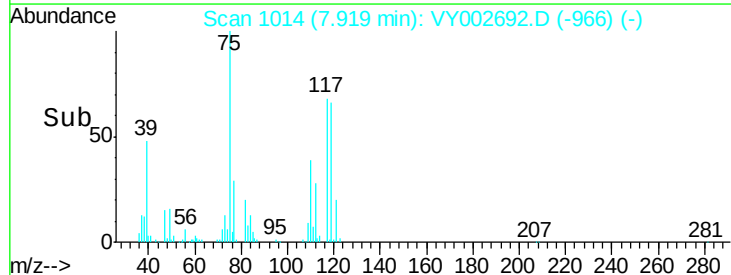
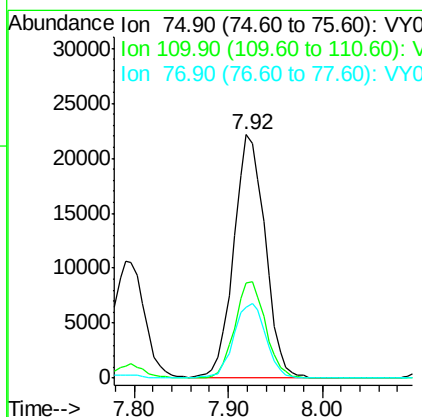
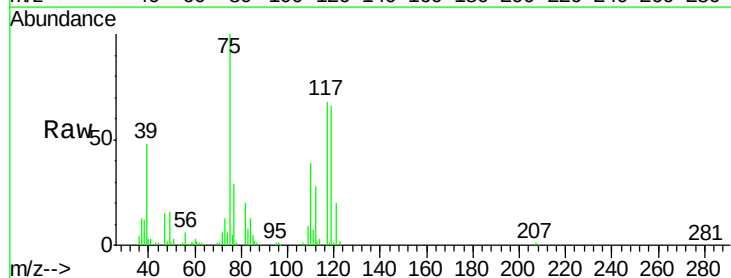
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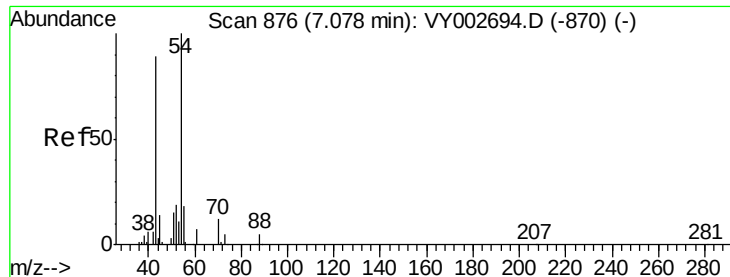
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#36
 1,1-Dichloropropene
 Concen: 10.618 ug/l
 RT: 7.92 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.4	58.4
77	31.3	25.0	37.4





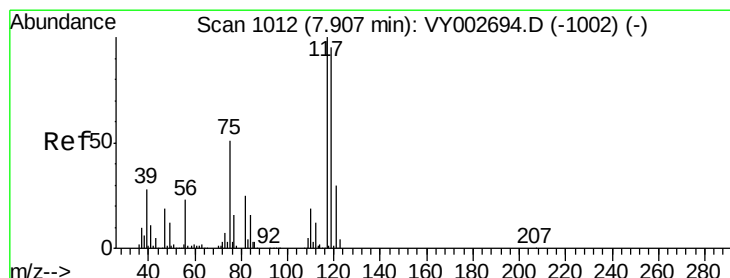
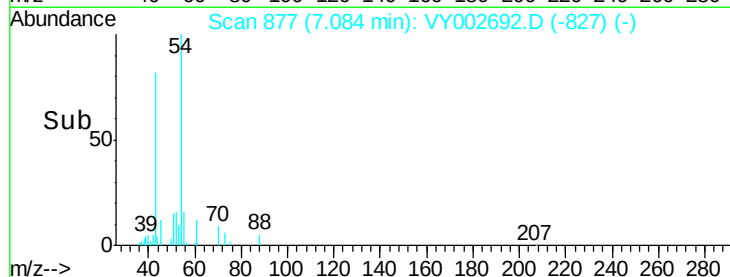
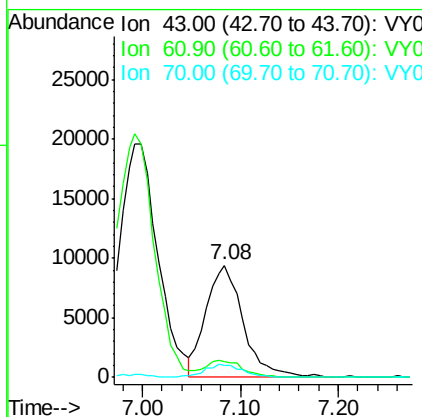
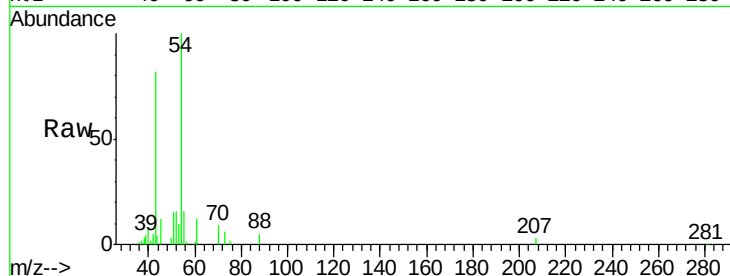
#37
Ethyl Acetate
Concen: 9.952 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	43	Resp	24896
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.8	17.8
70	11.3	9.2	13.8

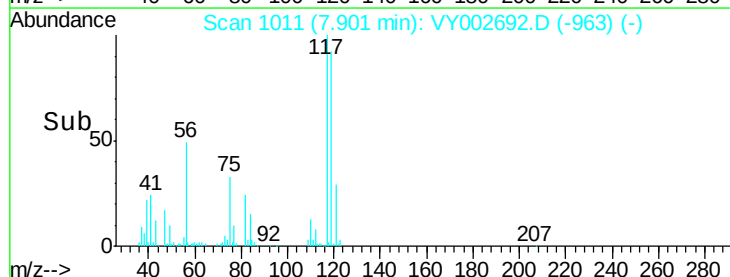
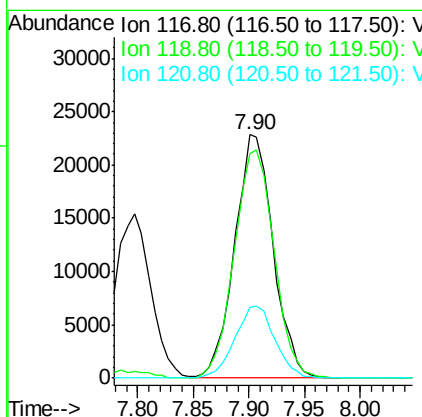
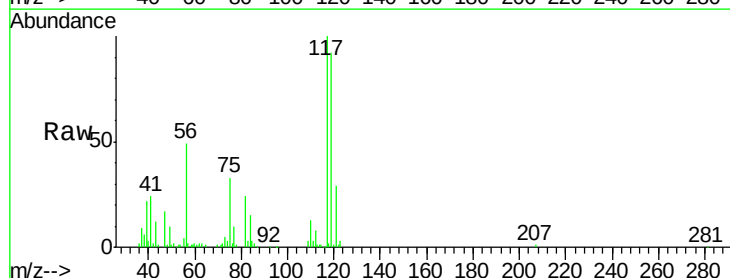
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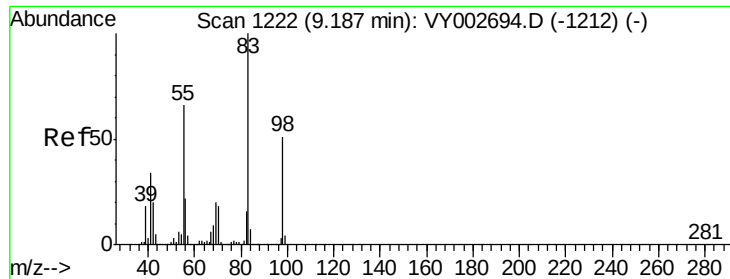
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#38
Carbon Tetrachloride
Concen: 10.354 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	117	Resp	54924
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.3	114.5
121	28.9	24.2	36.2





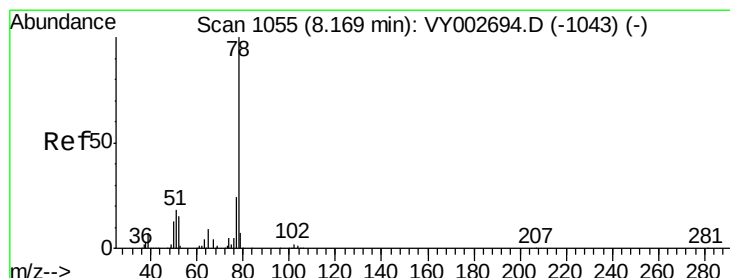
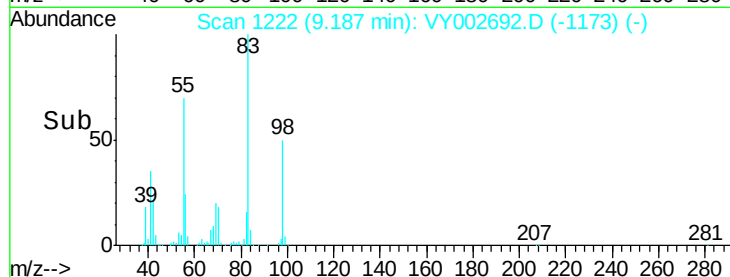
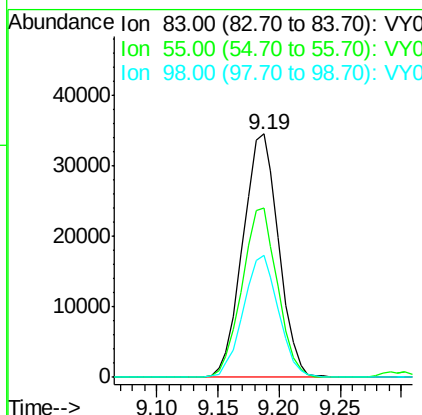
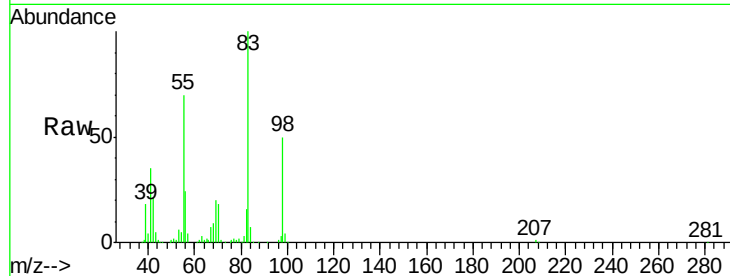
#39
Methylvlcyclohexane
Concen: 10.907 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.5	53.0	79.6
98	50.1	40.8	61.2

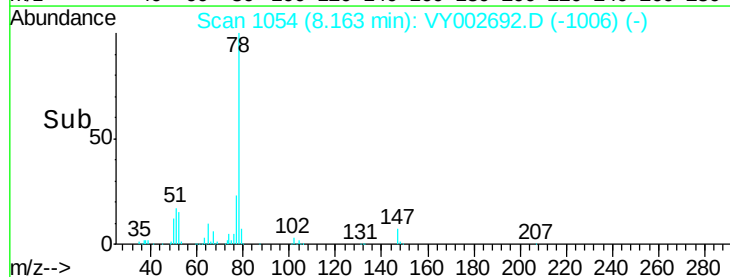
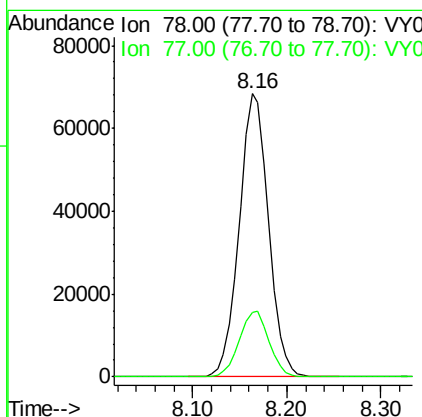
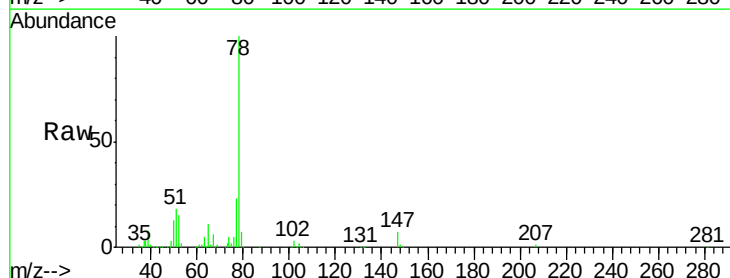
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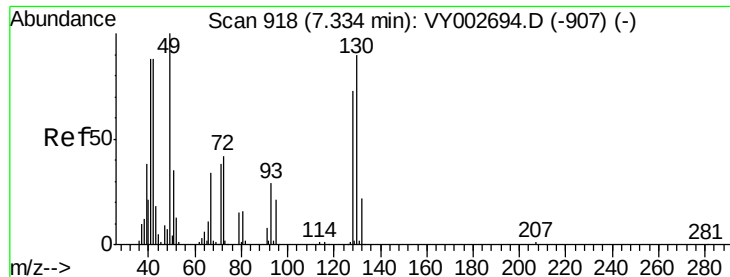
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#40
Benzene
Concen: 10.509 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8





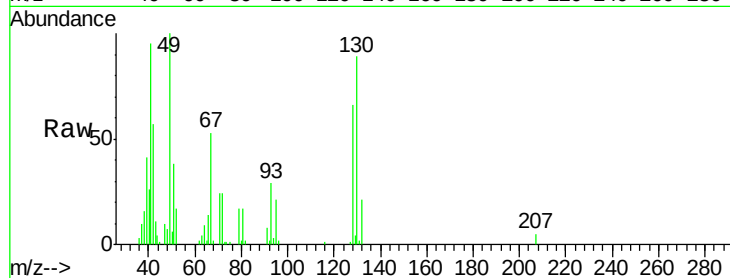
#41
Methacrylonitrile
Concen: 11.418 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

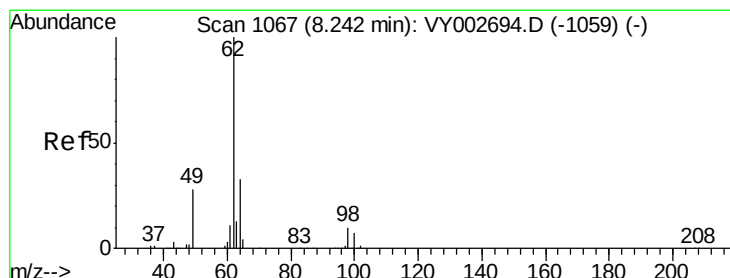
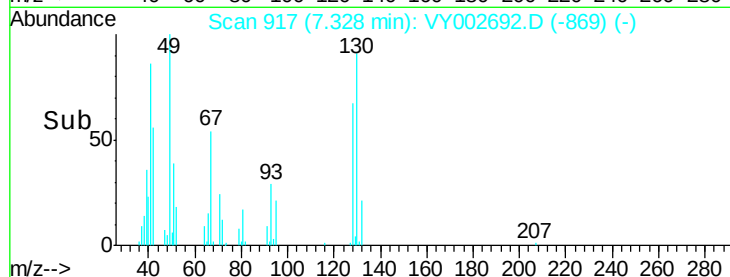
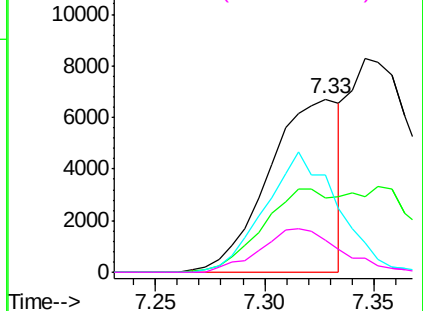
Tot Ion	41	Resp	15344
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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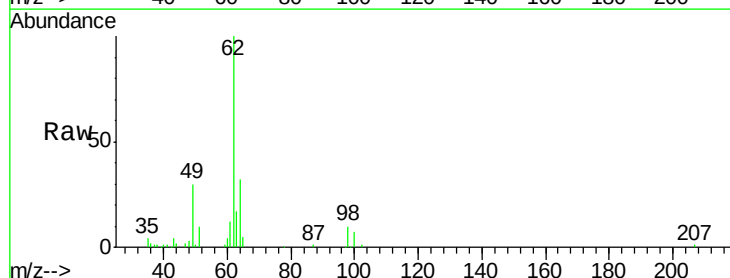


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

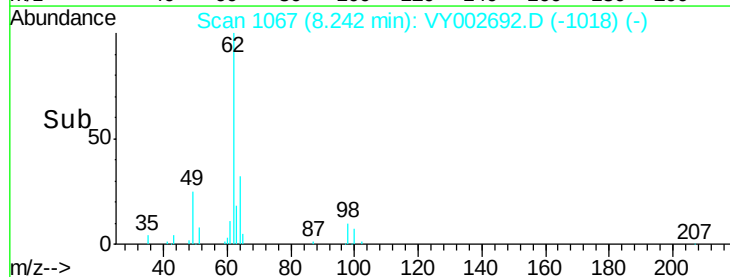
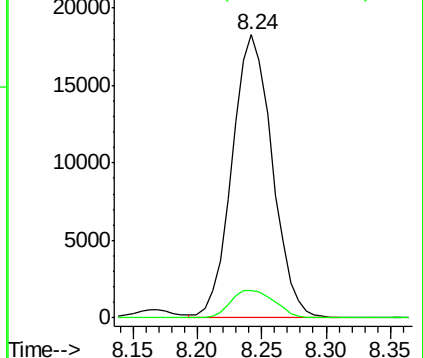


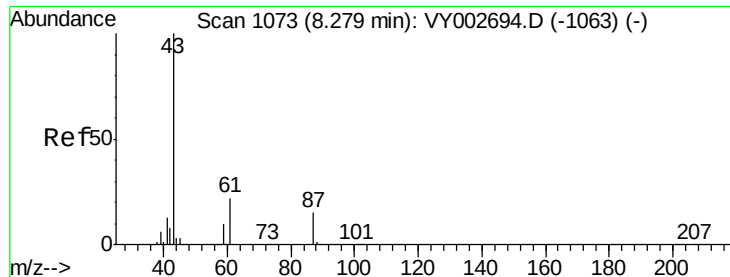
#42
1,2-Dichloroethane
Concen: 10.121 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	62	Resp	39552
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.8



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





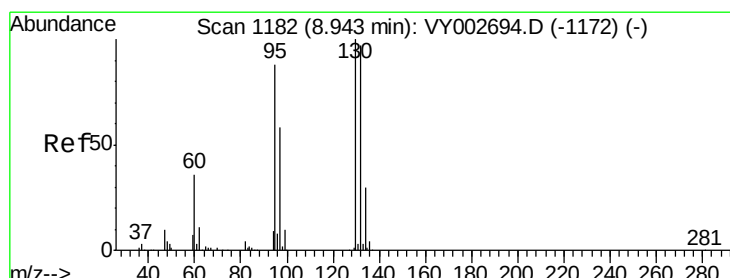
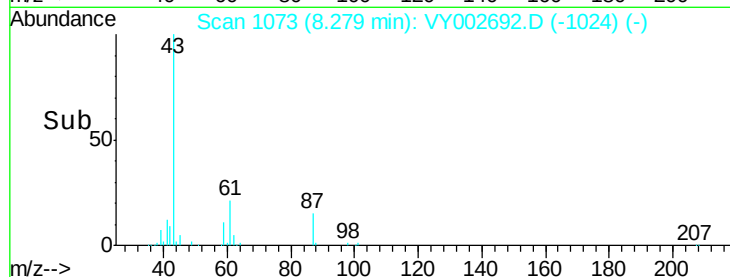
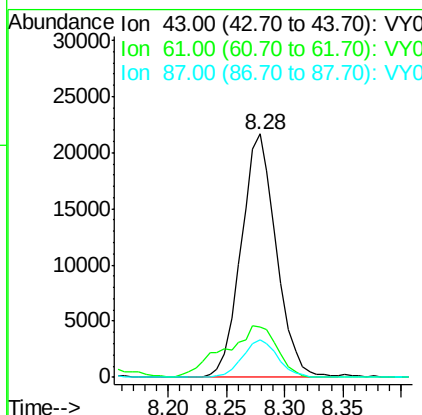
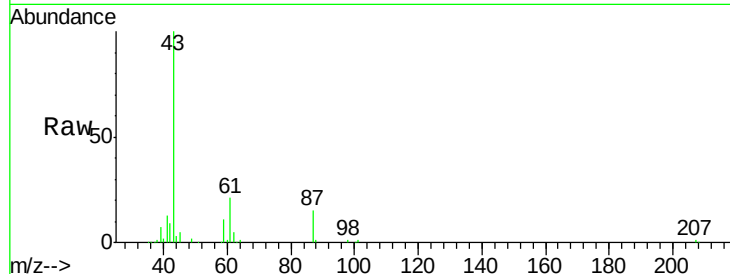
#43
Isopropyl Acetate
Concen: 9.705 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	31.2	24.9	37.3
87	15.5	12.6	19.0

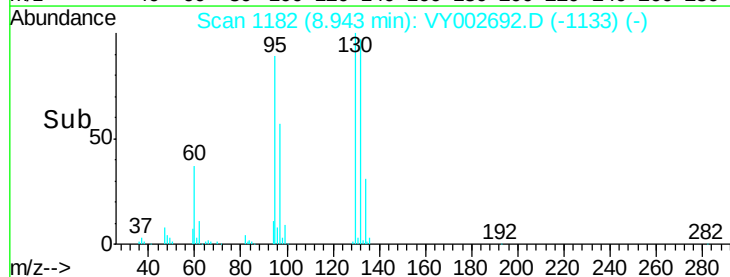
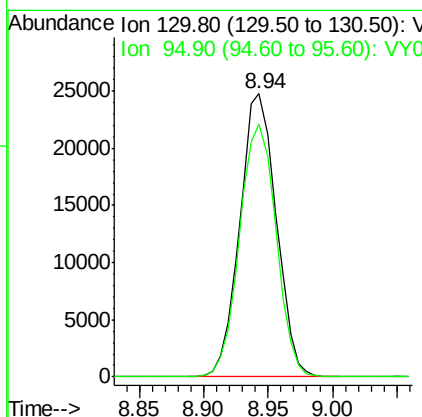
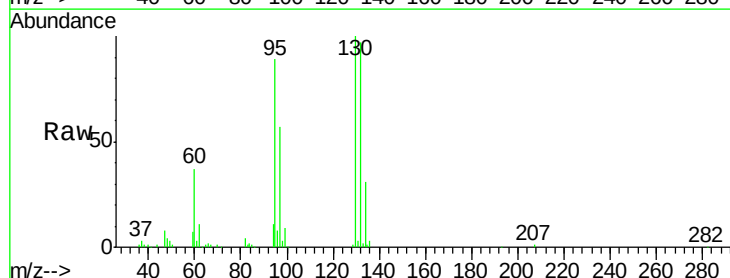
Manual Integrations
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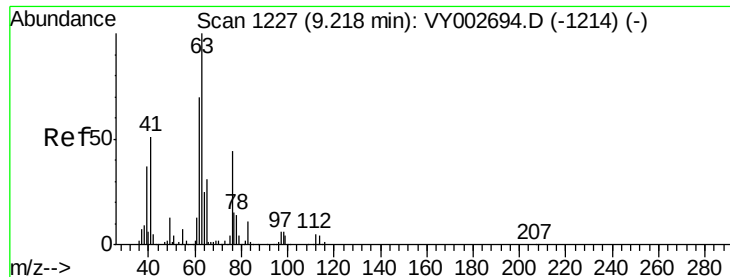
MMDadoda
5/18/2020 1:36:02 PM



#44
Trichloroethene
Concen: 10.962 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	176.4





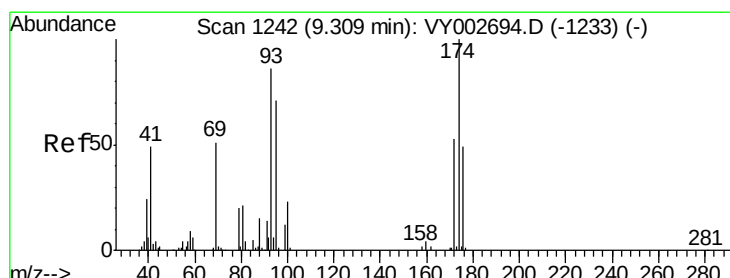
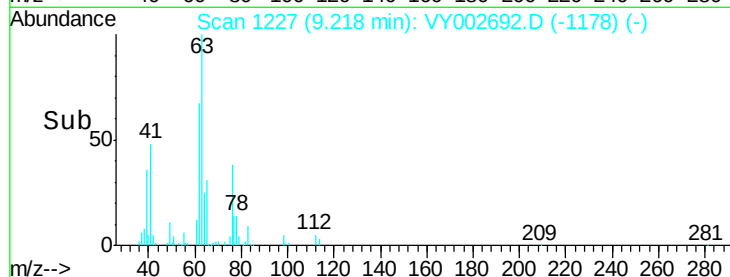
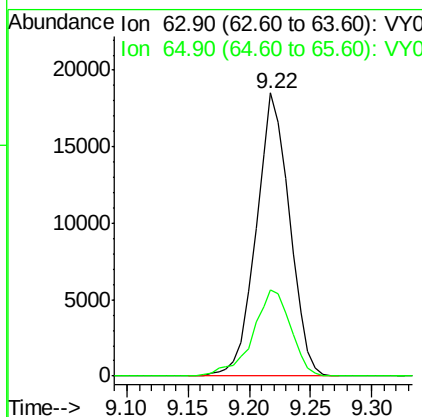
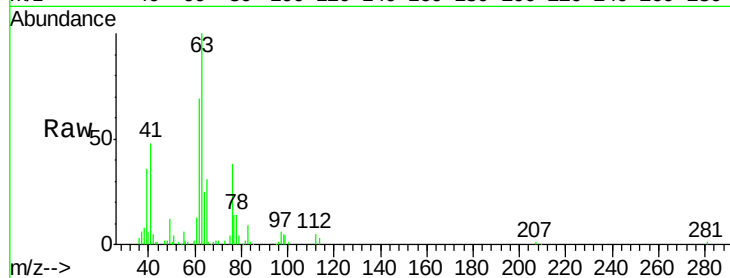
#45
 1,2-Dichloropropane
 Concen: 10.393 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.6	24.7	37.1

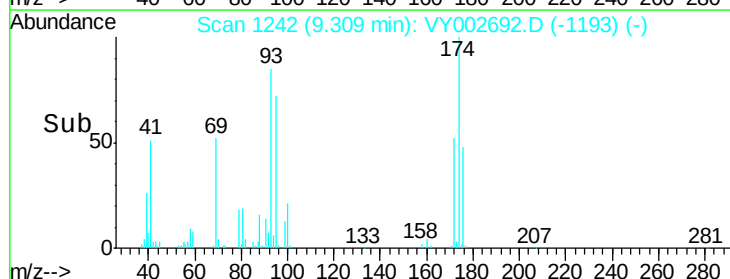
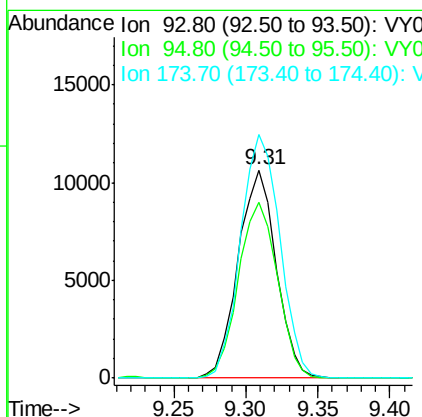
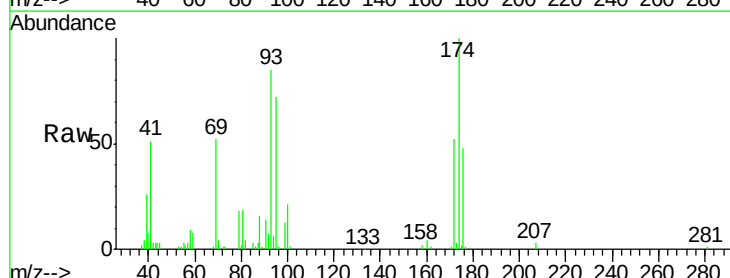
Manual Integrations
 APPROVED

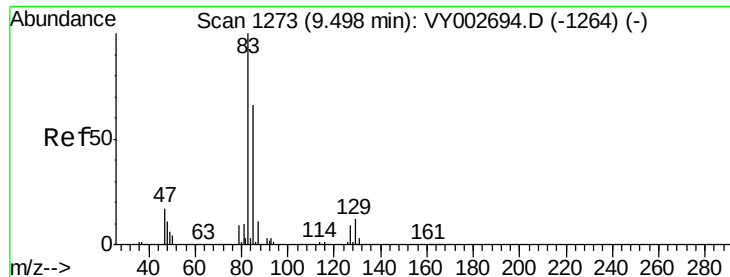
MMDadoda
 5/18/2020 1:36:02 PM



#46
 Dibromomethane
 Concen: 10.024 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	86.3	66.5	99.7
174	120.8	95.6	143.4





#47

Bromodichloromethane

Concen: 10.057 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

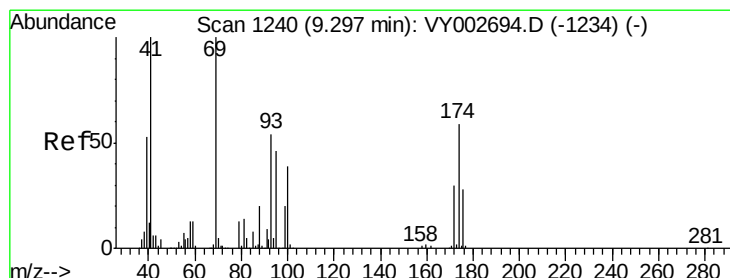
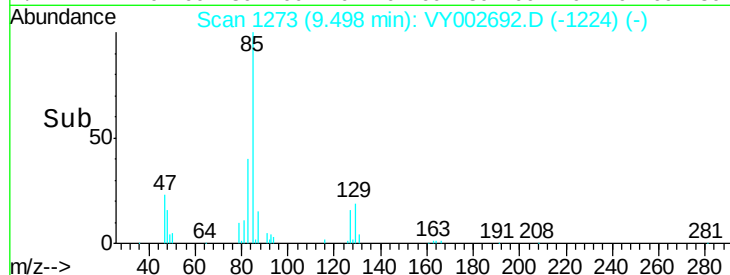
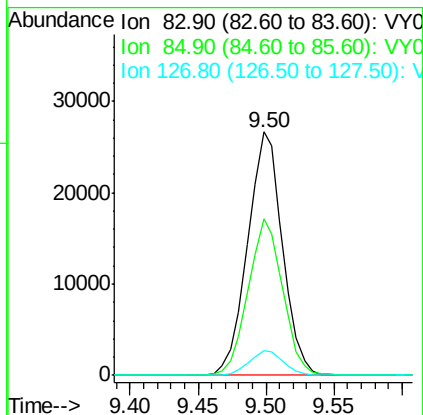
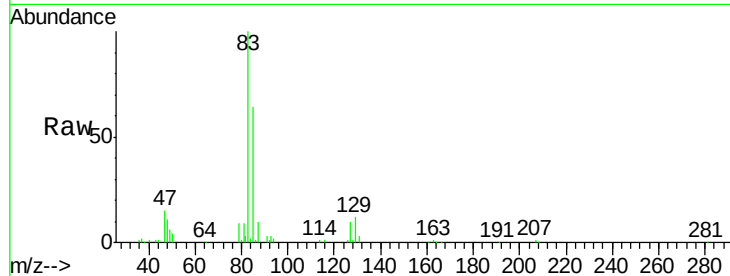
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	47729
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.4	78.6
127	10.2	7.6	11.4

Manual Integrations
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MMDadoda
5/18/2020 1:36:02 PM



#48

Methyl methacrylate

Concen: 9.954 ug/l

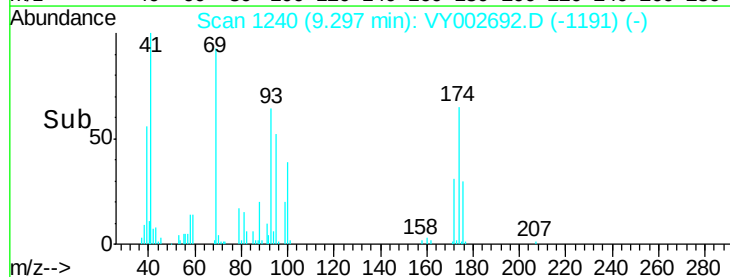
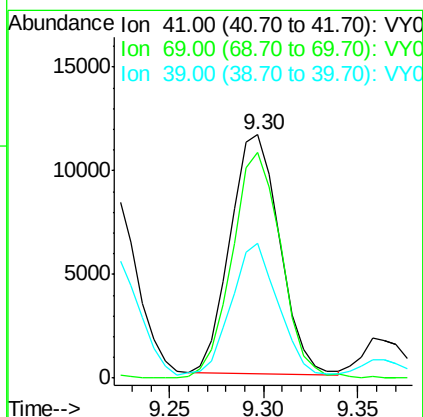
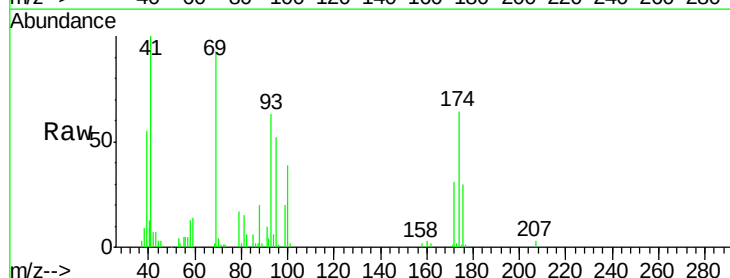
RT: 9.30 min Scan# 1240

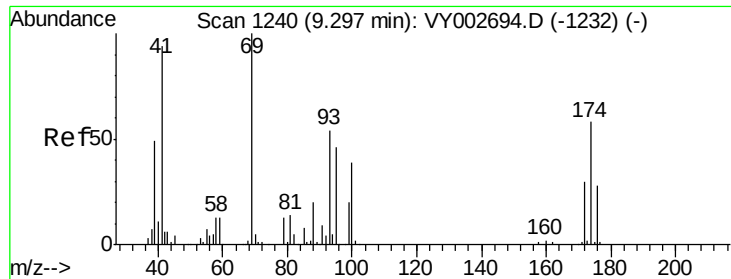
Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Tgt Ion:	41	Resp:	21046
Ion	Ratio	Lower	Upper
41	100		
69	93.5	78.7	118.1
39	55.2	42.9	64.3





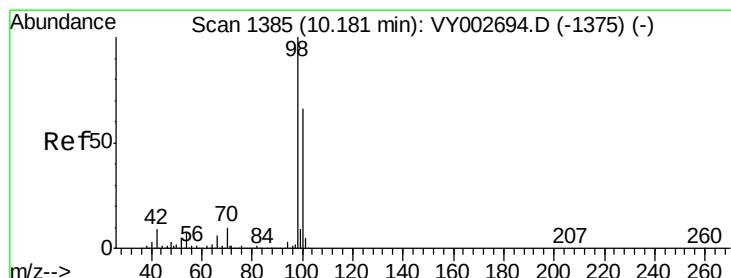
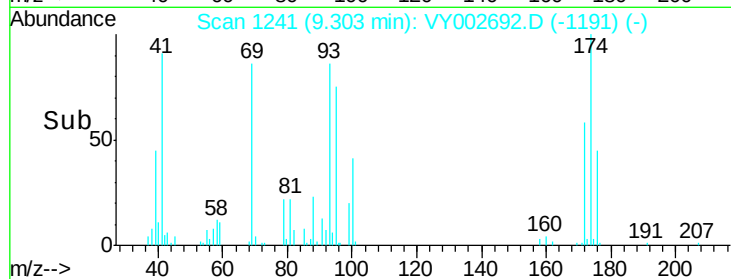
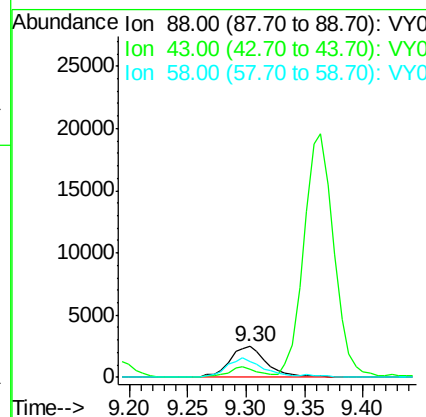
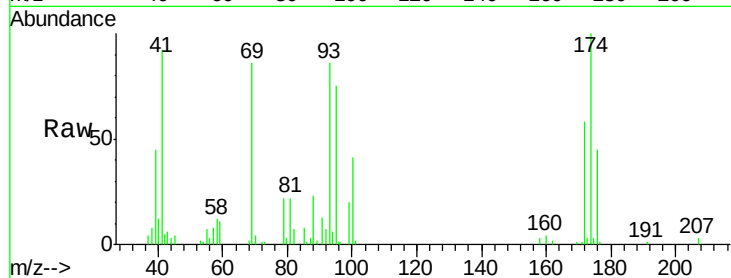
#49
1,4-Dioxane
Concen: 214.583 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	5528
Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.4	35.0
58	60.8	54.5	81.7

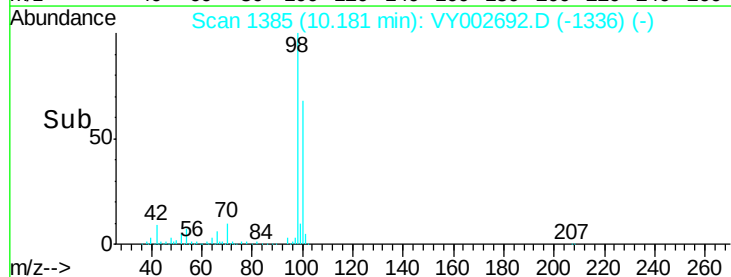
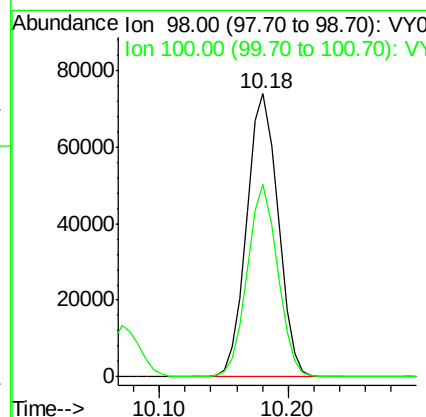
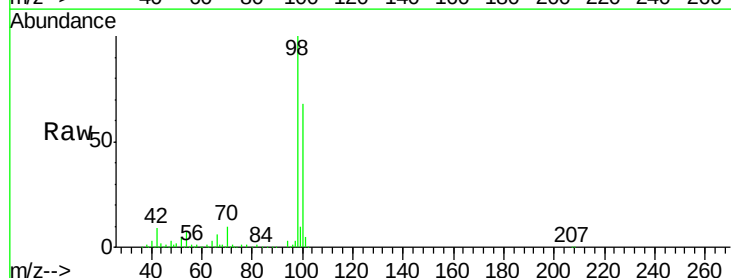
Manual Integrations
APPROVED

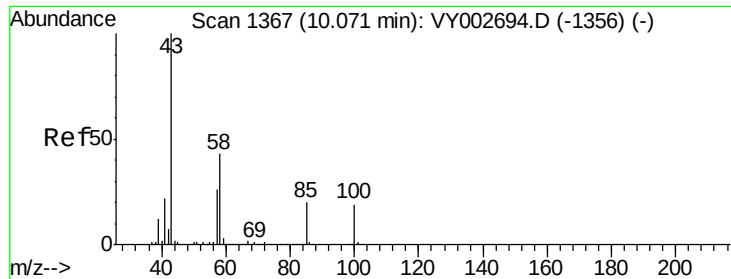
MMDadoda
5/18/2020 1:36:02 PM



#50
Toluene-d8
Concen: 9.486 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	98	Resp	123842
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 49.264 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 118363

Ion Ratio Lower Upper

43 100

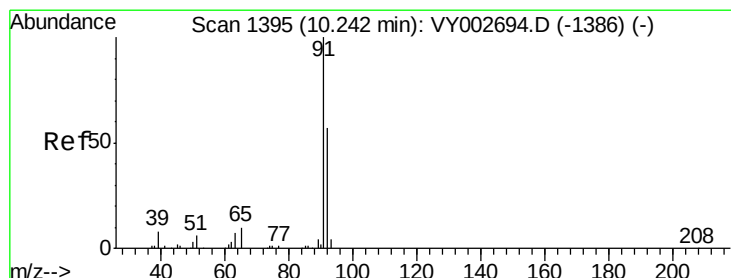
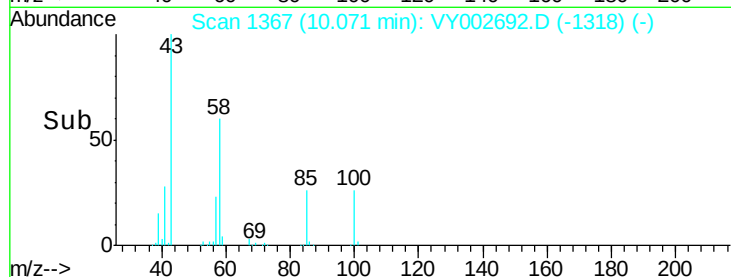
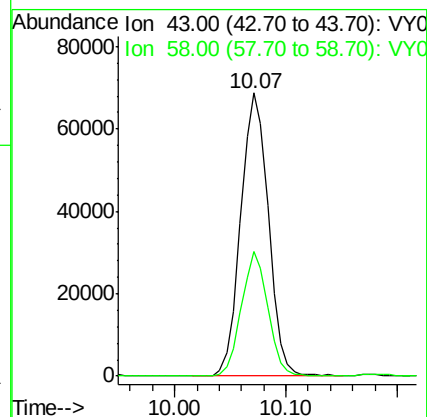
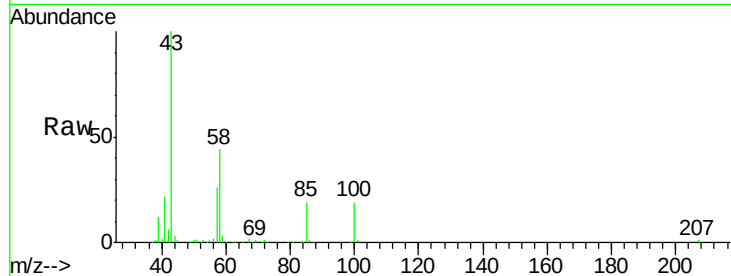
58 42.0 34.1 51.1

Manual Integrations

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#52

Toluene

Concen: 10.697 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY002692.D

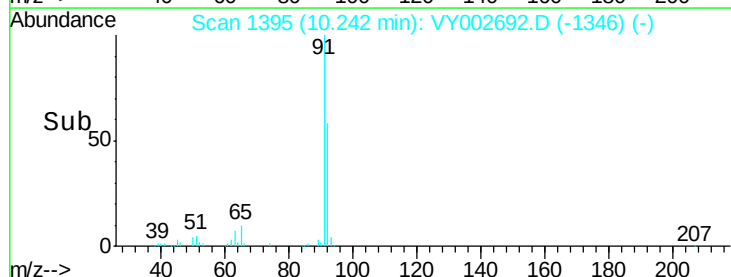
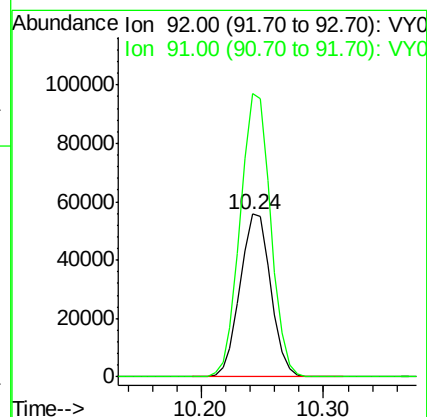
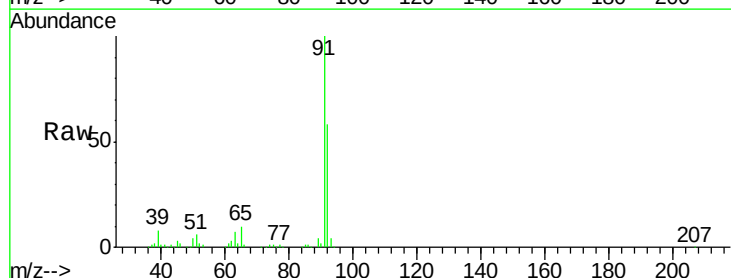
Acq: 15 May 2020 11:50

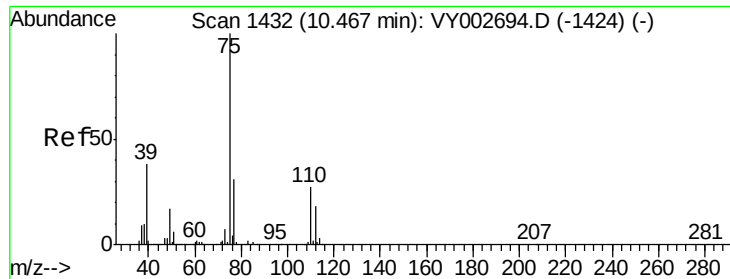
Tgt Ion: 92 Resp: 96978

Ion Ratio Lower Upper

92 100

91 172.3 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 10.222 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 75 Resp: 50798

Ion Ratio Lower Upper

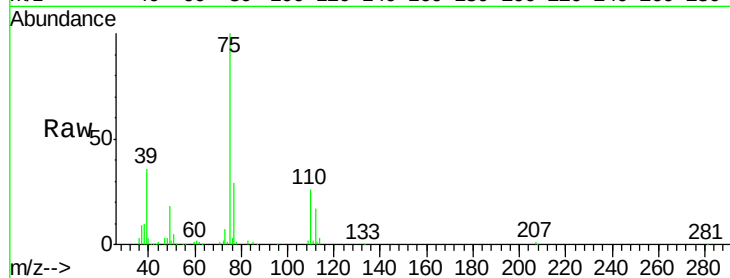
75 100

77 29.4 25.1 37.7

Manual Integrations
APPROVED

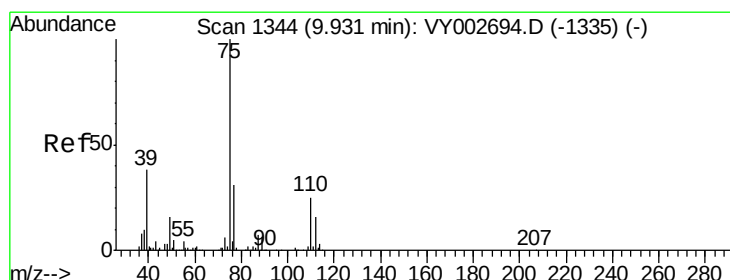
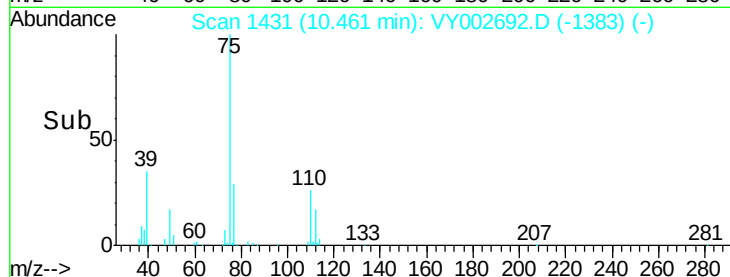
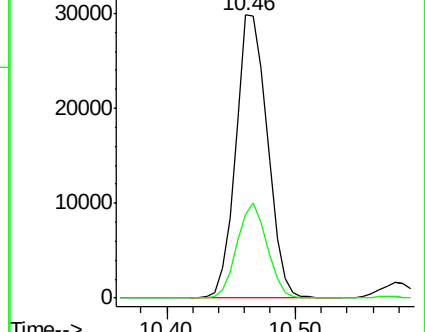
MMDadoda

5/18/2020 1:36:02 PM



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 10.449 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

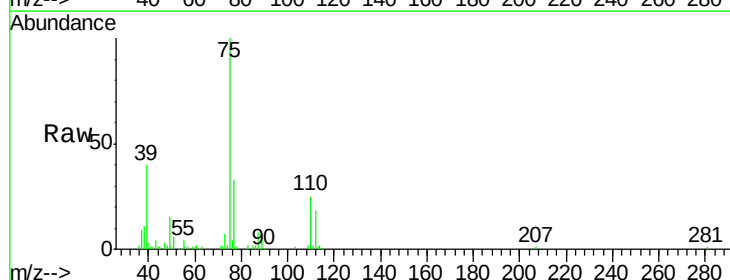
Tgt Ion: 75 Resp: 60213

Ion Ratio Lower Upper

75 100

77 33.0 24.8 37.2

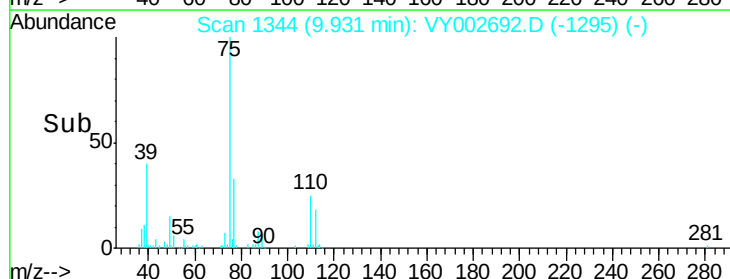
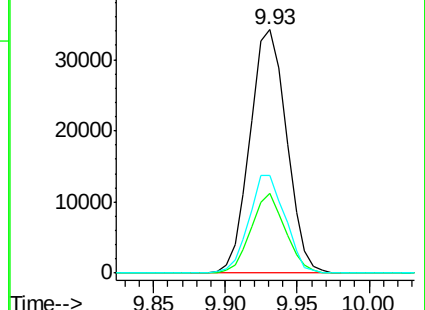
39 40.2 30.7 46.1

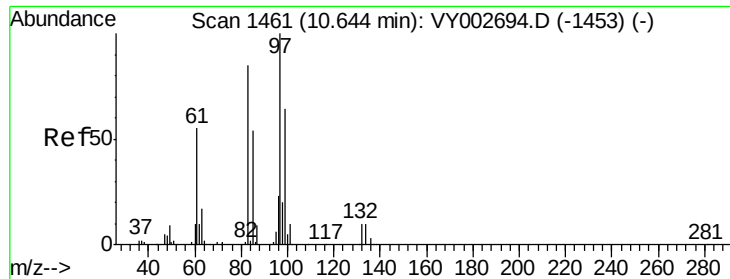


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





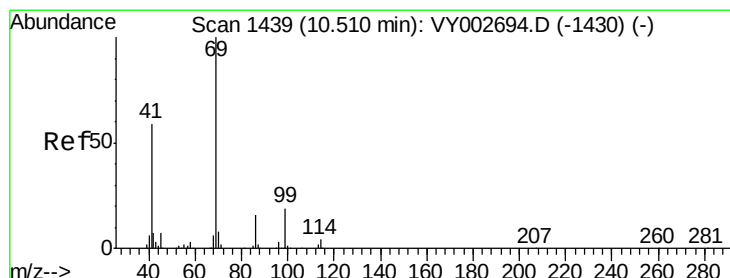
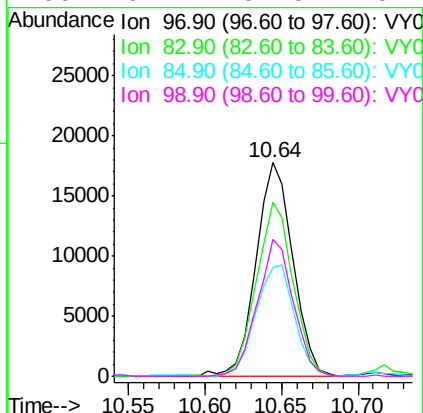
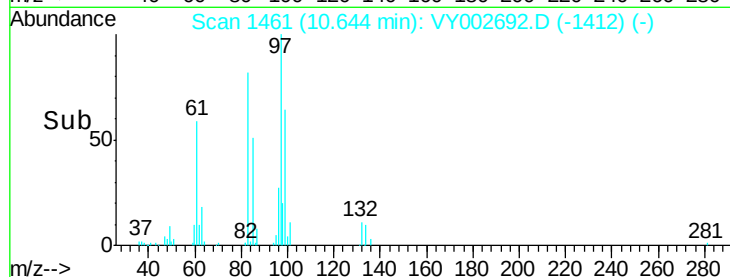
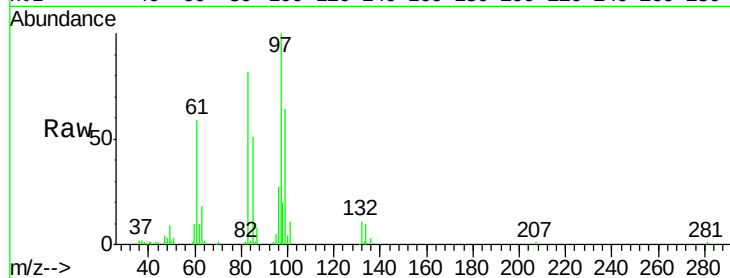
#55
 1,1,2-Trichloroethane
 Concen: 10.459 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	29750
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.1	102.1
85	51.1	43.1	64.7
99	64.4	51.0	76.4

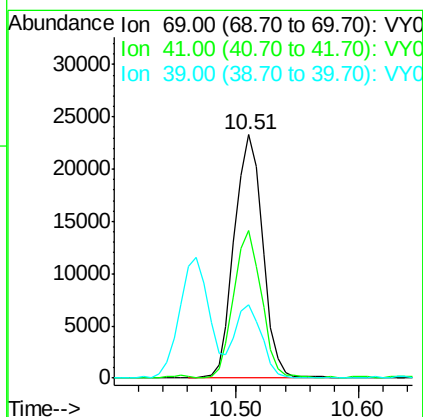
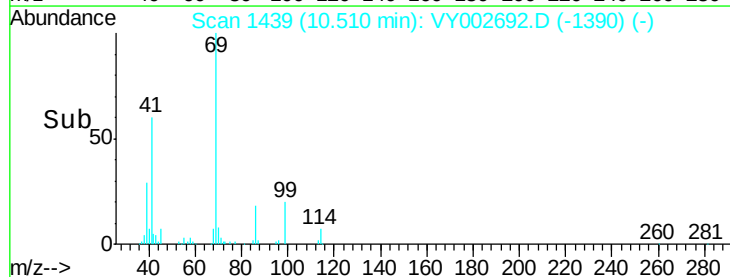
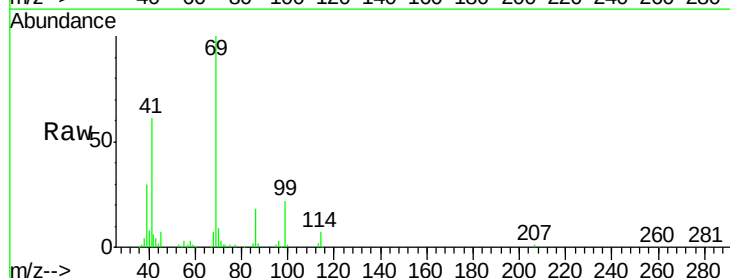
Manual Integrations
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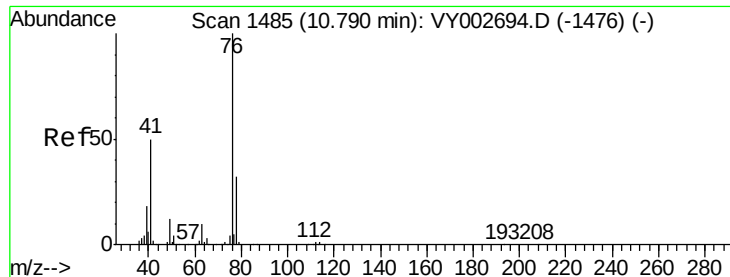
MMDadoda
 5/18/2020 1:36:02 PM



#56
 Ethyl methacrylate
 Concen: 9.888 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion:	69	Resp:	37478
Ion	Ratio	Lower	Upper
69	100		
41	58.7	48.0	72.0
39	27.8	22.1	33.1





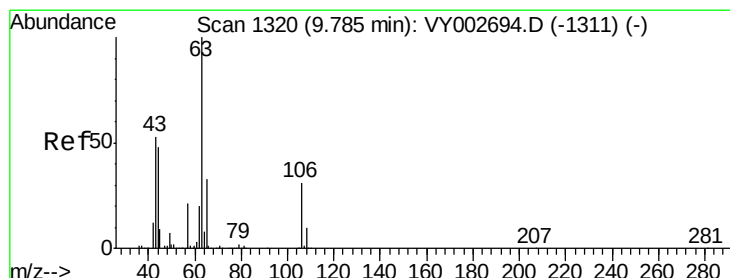
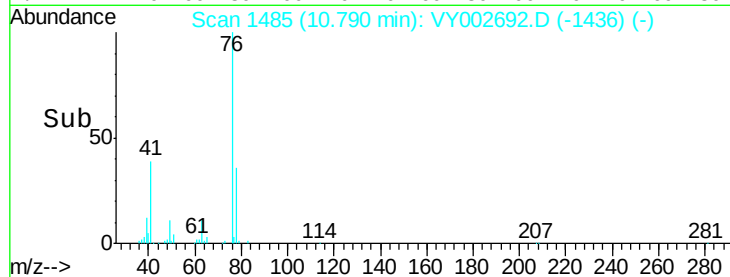
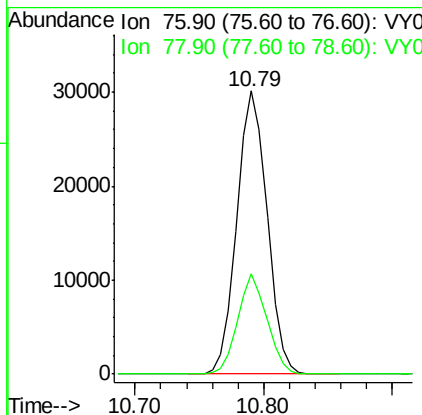
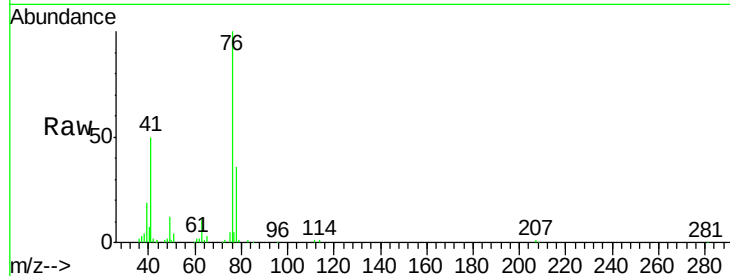
#57
 1,3-Dichloropropane
 Concen: 10.173 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.9	26.2	39.4

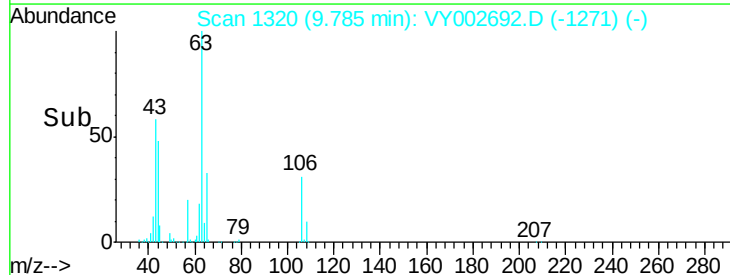
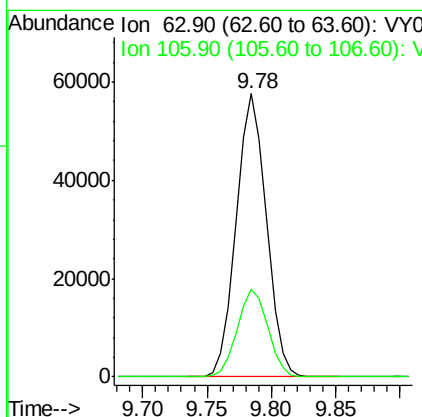
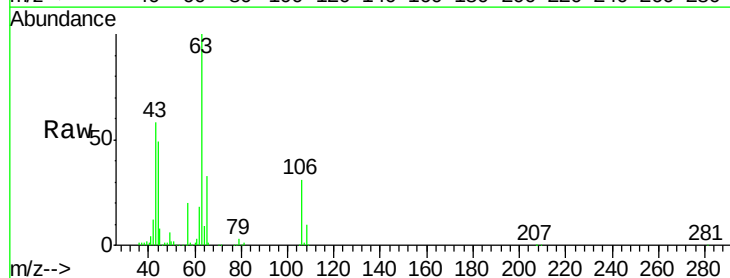
Manual Integrations
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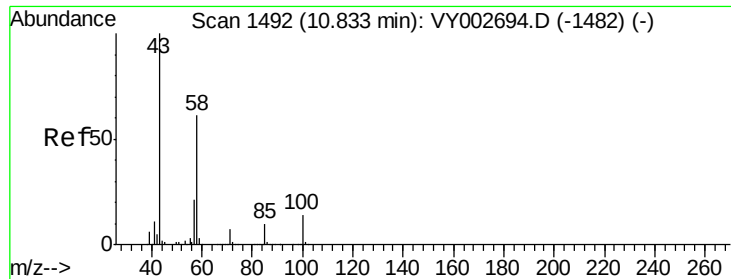
MMDadoda
 5/18/2020 1:36:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 46.639 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	25.1	37.7





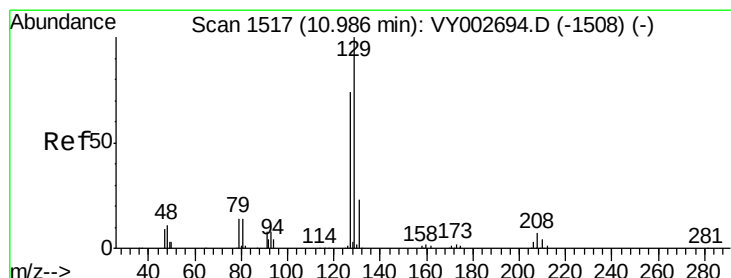
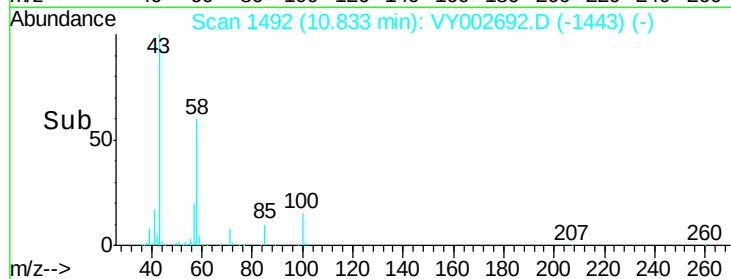
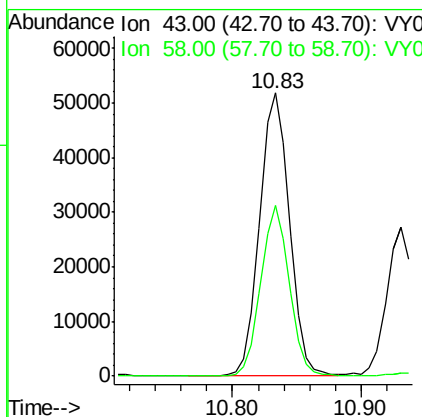
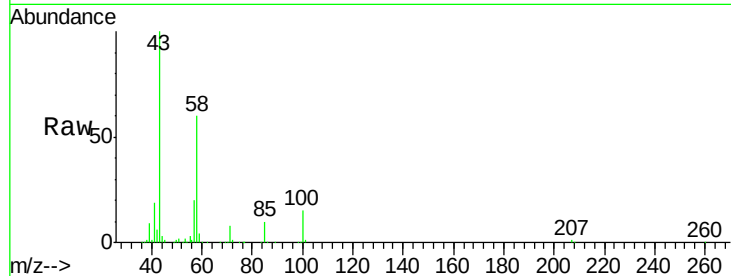
#59
2-Hexanone
Concen: 50.087 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 82866
Ion Ratio Lower Upper
43 100
58 57.7 29.8 89.4

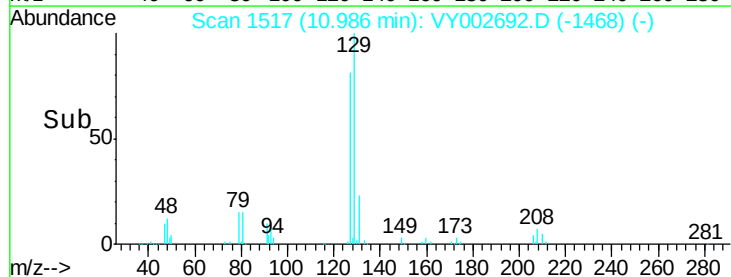
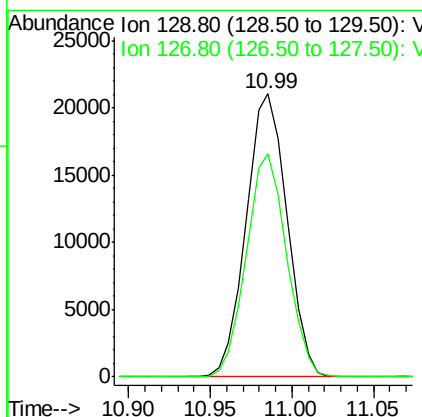
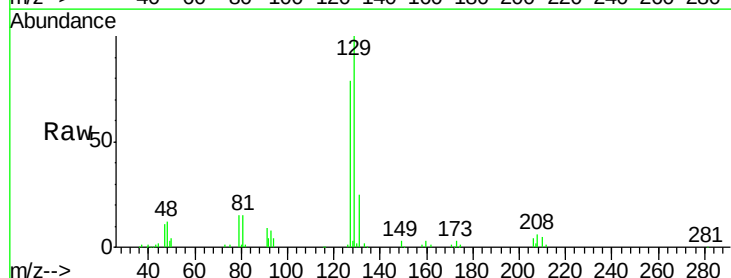
Manual Integrations
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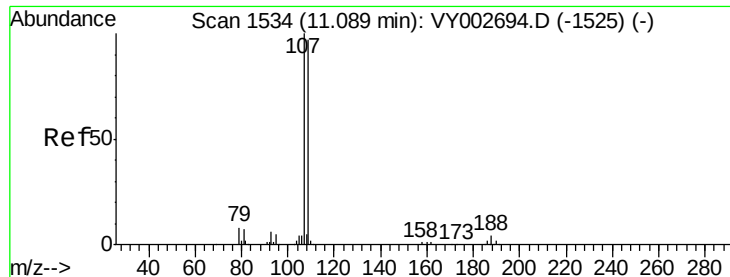
MMDadoda
5/18/2020 1:36:02 PM



#60
Dibromochloromethane
Concen: 10.074 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion: 129 Resp: 36616
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.3





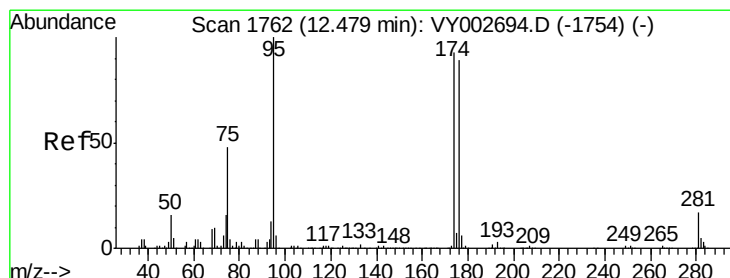
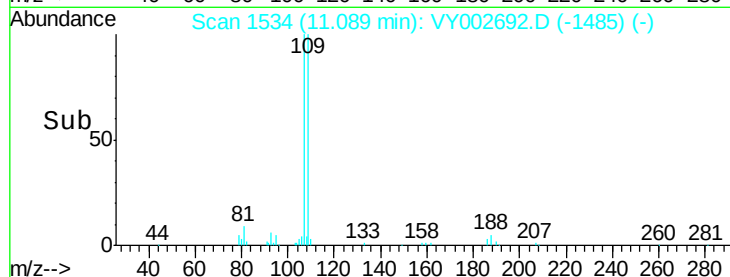
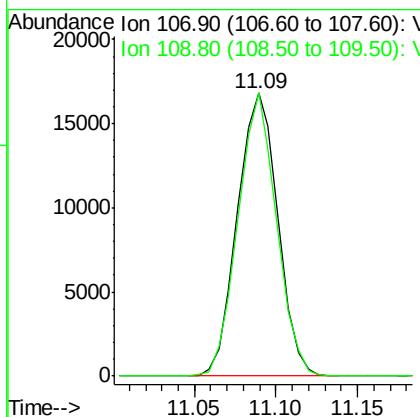
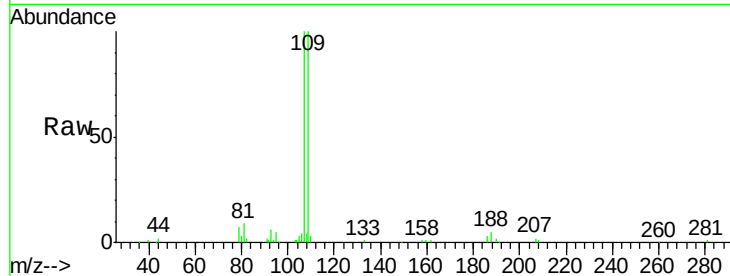
#61
 1,2-Dibromoethane
 Concen: 10.234 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.1	114.1

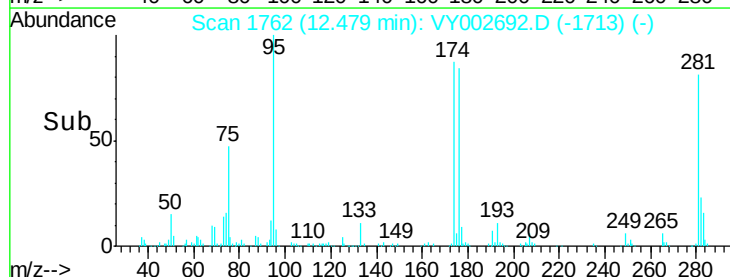
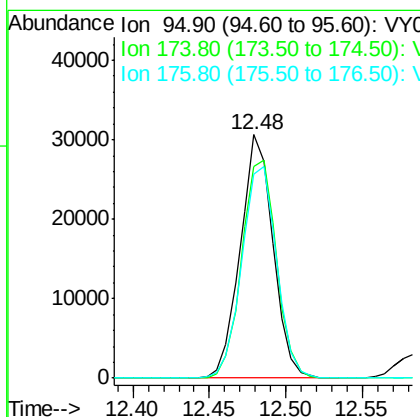
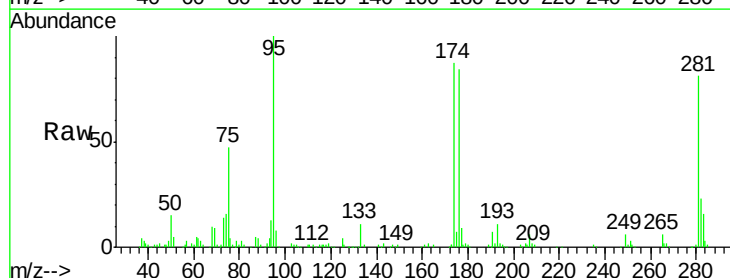
Manual Integrations
 APPROVED

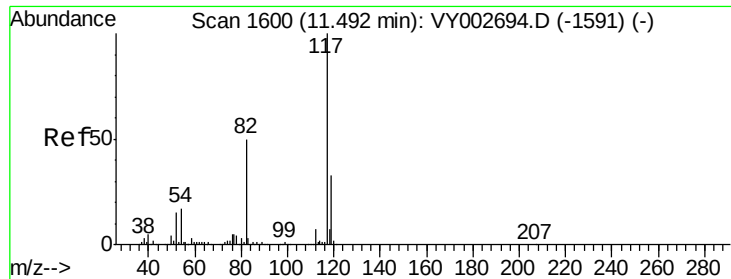
MMDadoda
 5/18/2020 1:36:02 PM



#62
 4-Bromofluorobenzene
 Concen: 10.249 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.9	0.0	191.4
176	92.8	0.0	186.0





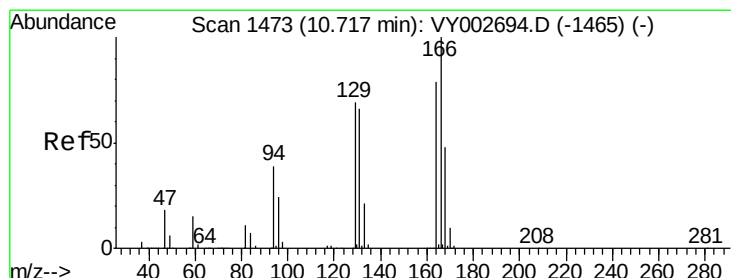
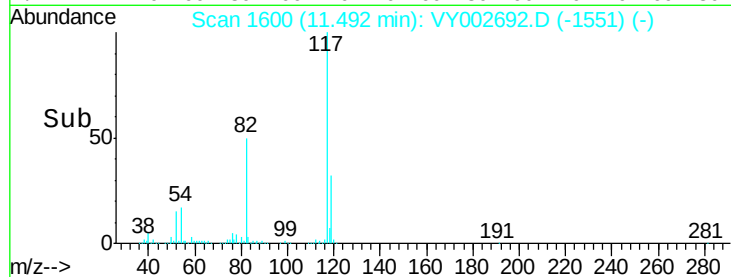
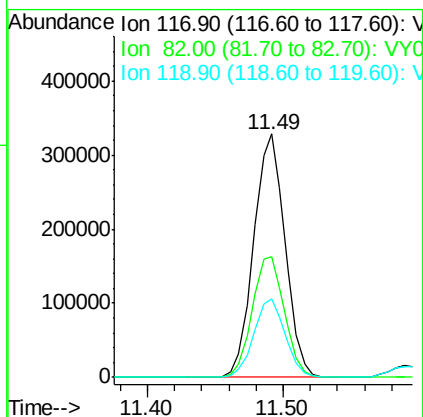
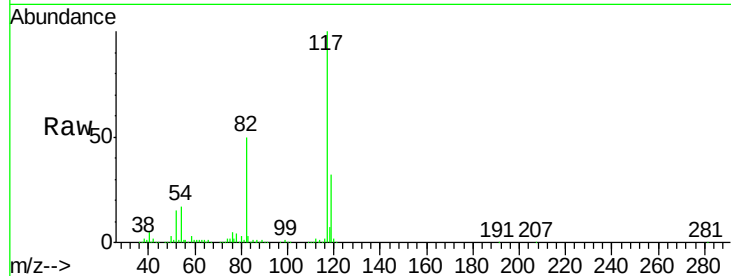
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.3	60.5
119	32.1	26.2	39.4

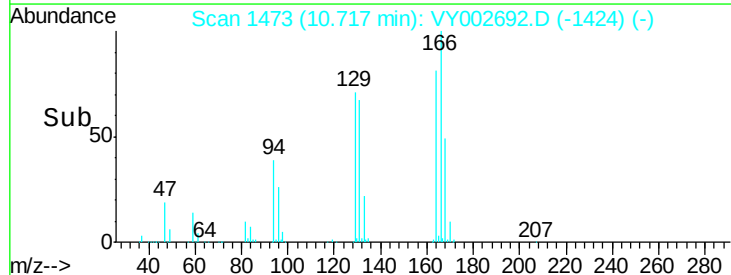
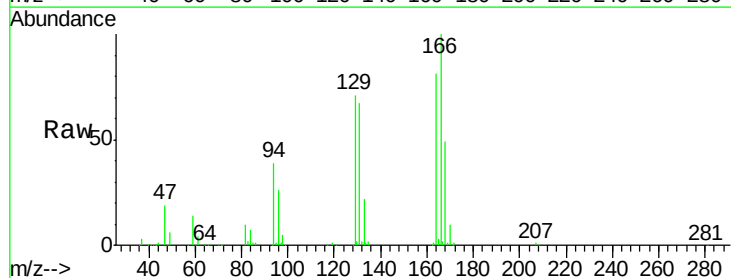
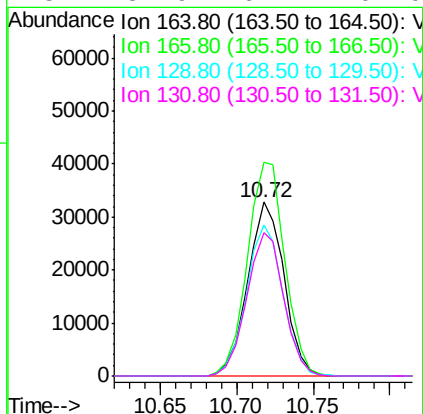
Manual Integrations
APPROVED

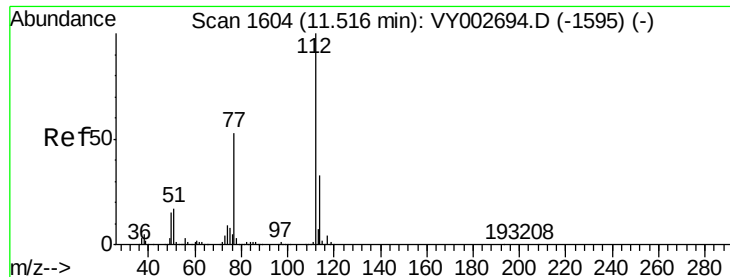
MMDadoda
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#64
Tetrachloroethene
Concen: 11.373 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.1	101.6	152.4
129	87.3	70.2	105.4
131	82.9	67.4	101.0





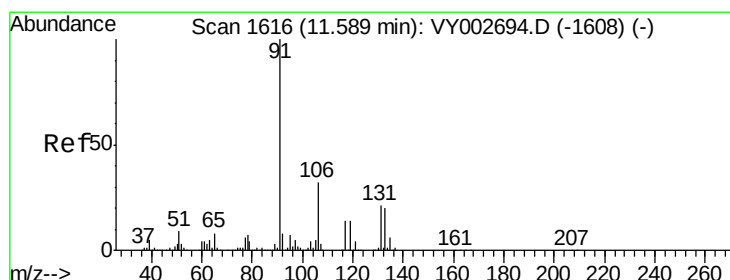
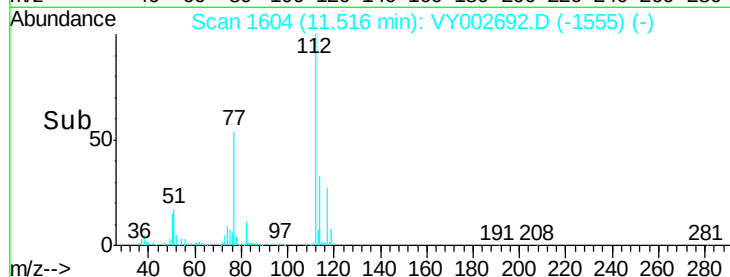
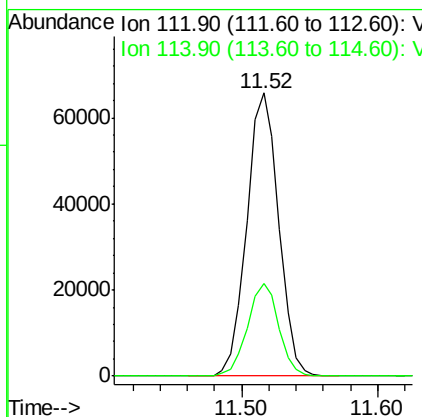
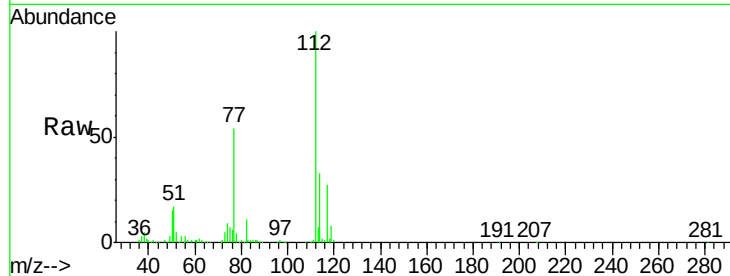
#65
Chlorobenzene
Concen: 10.728 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
112	100	107918		
114	32.6	26.1	39.1	

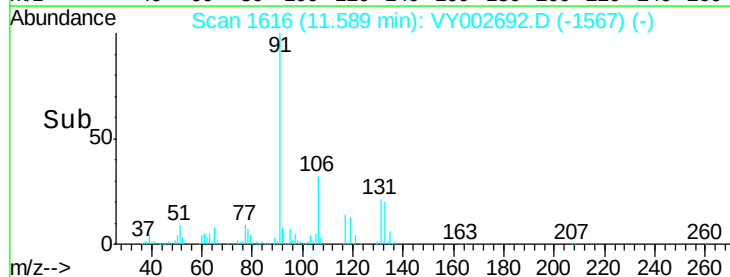
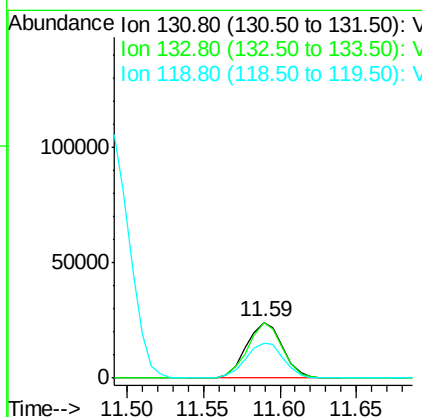
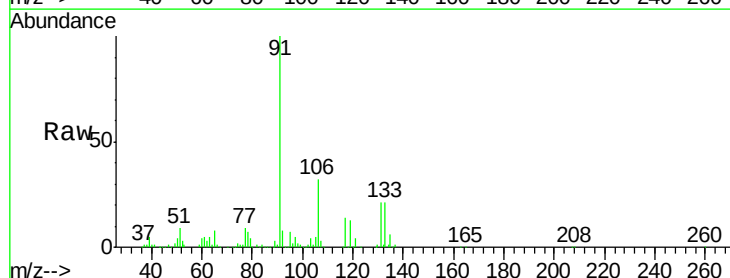
Manual Integrations
APPROVED

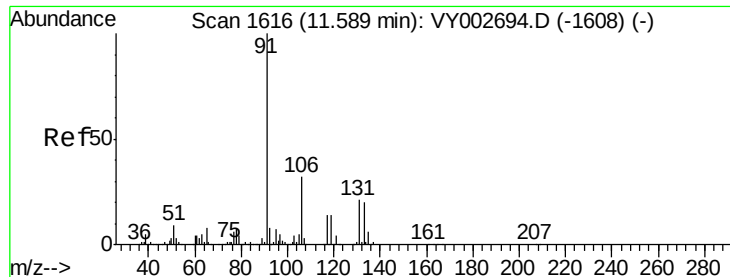
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.623 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	39642		
133	95.2	47.4	142.3	
119	65.2	31.6	94.8	





#67

Ethyl Benzene

Concen: 10.679 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 188248

Ion Ratio Lower Upper

91 100

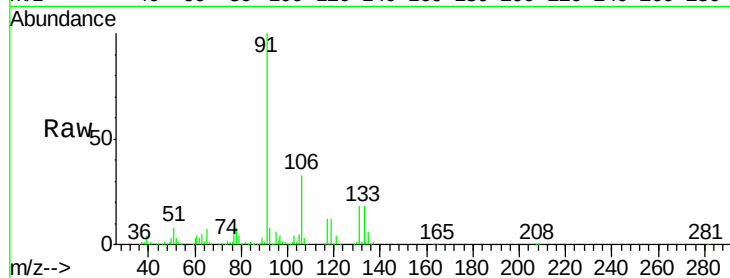
106 33.5 26.0 39.0

Manual Integrations

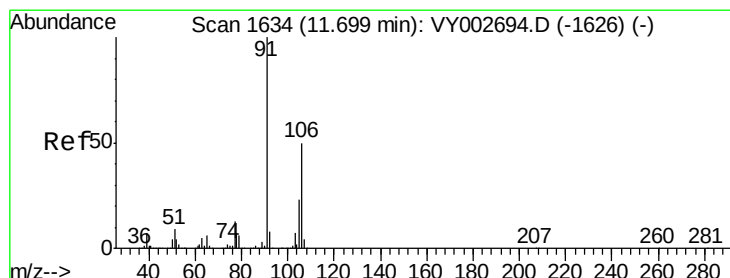
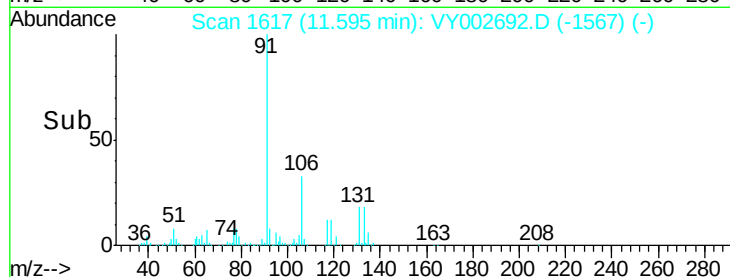
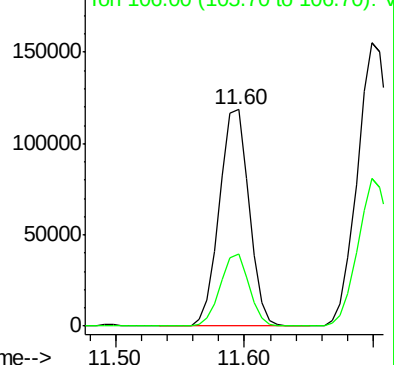
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Abundance Ion 91.00 (90.70 to 91.70): VY002692.D (-1567) (-)



#68

m/p-Xylenes

Concen: 21.320 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY002692.D

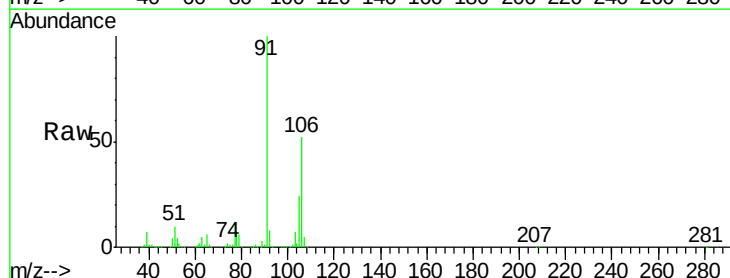
Acq: 15 May 2020 11:50

Tgt Ion: 106 Resp: 145663

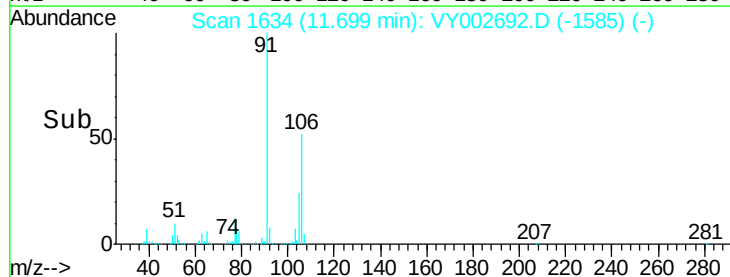
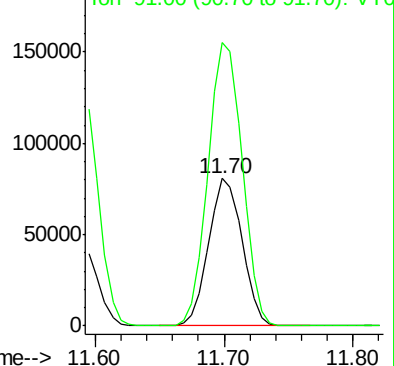
Ion Ratio Lower Upper

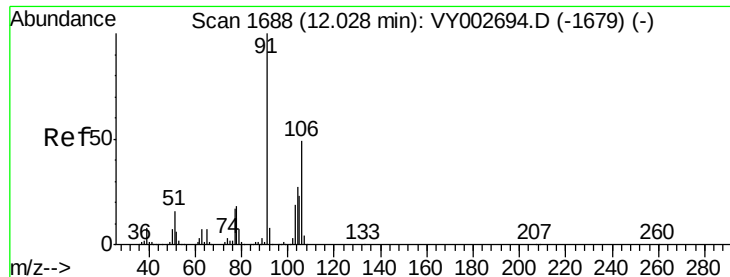
106 100

91 196.0 156.2 234.4



Abundance Ion 106.00 (105.70 to 106.70): VY002692.D (-1585) (-)





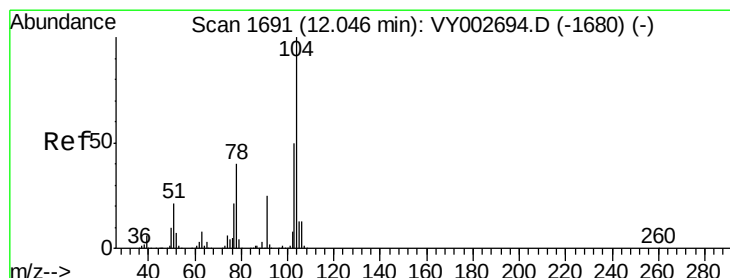
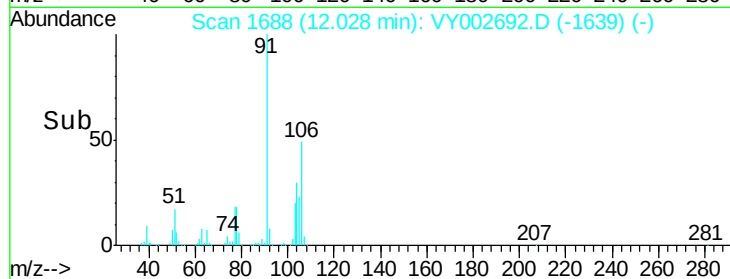
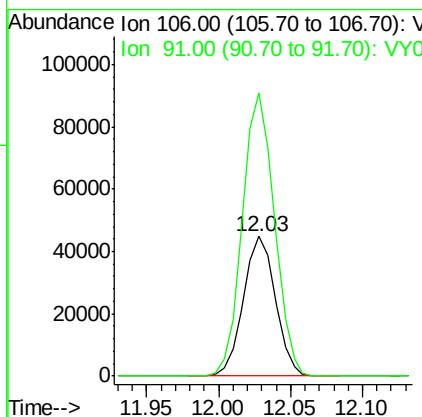
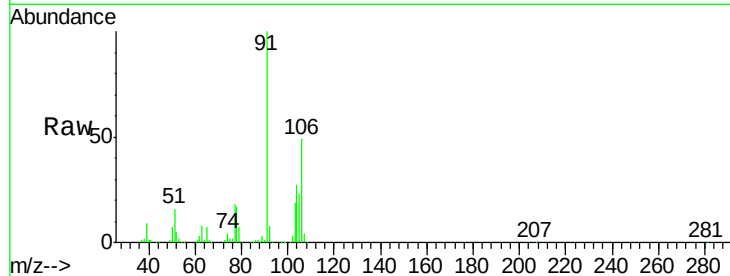
#69
o-Xylene
Concen: 10.762 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	202.5	103.5	310.3

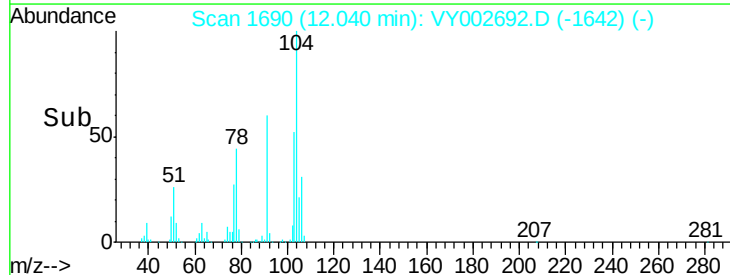
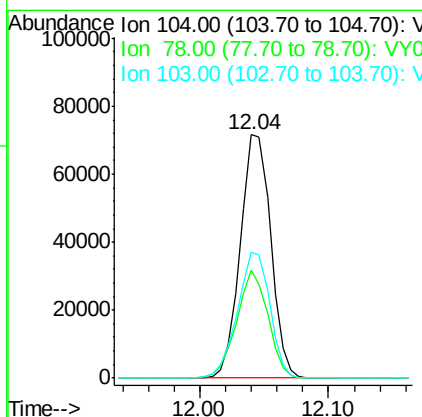
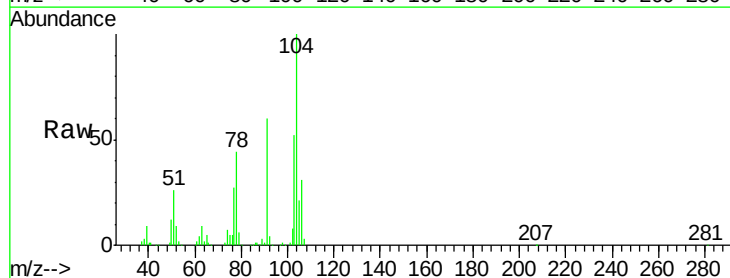
Manual Integrations
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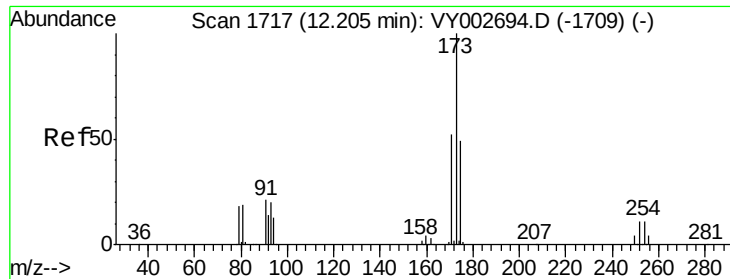
MMDadoda
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#70
Styrene
Concen: 10.698 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	45.7	36.6	54.8
103	103	55.3	44.1	66.1





#71

Bromoform

Concen: 10.394 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

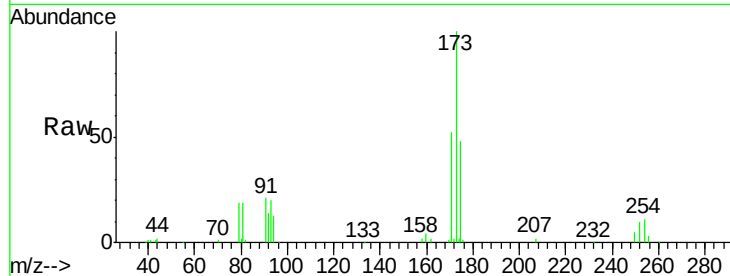
ClientSampleId :

VSTDIC010

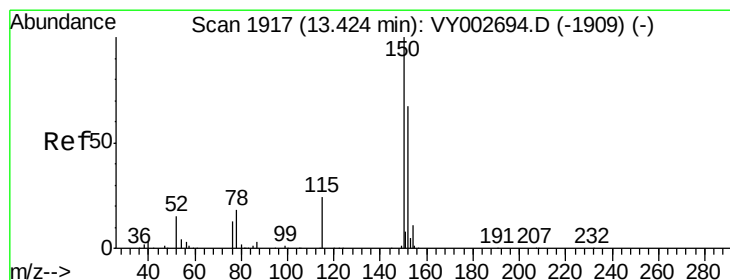
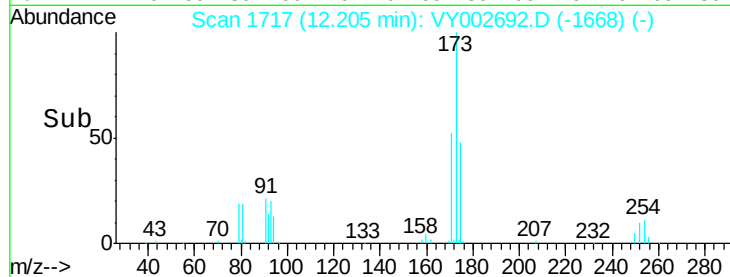
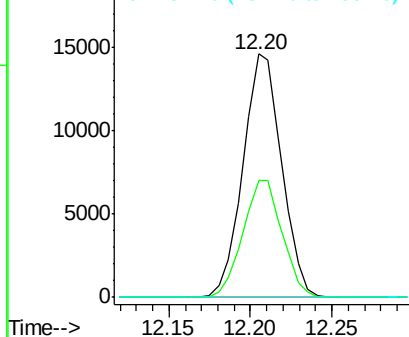
Tot Ion:	173	Resp:	24059
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.4
254	0.0	0.1	0.1#

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

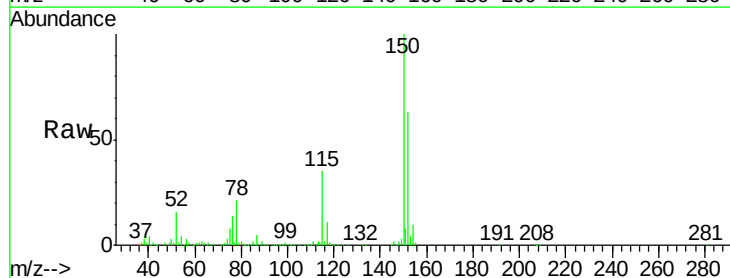
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

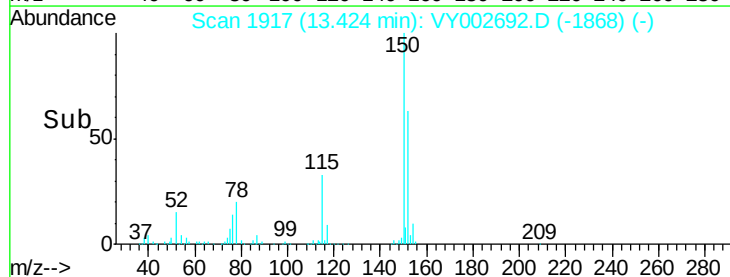
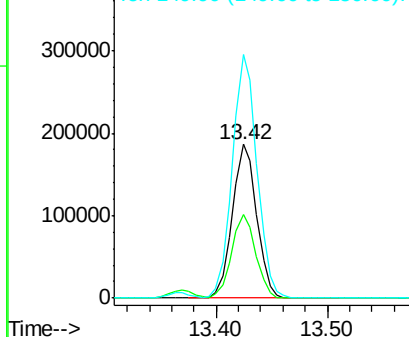
Lab File: VY002692.D

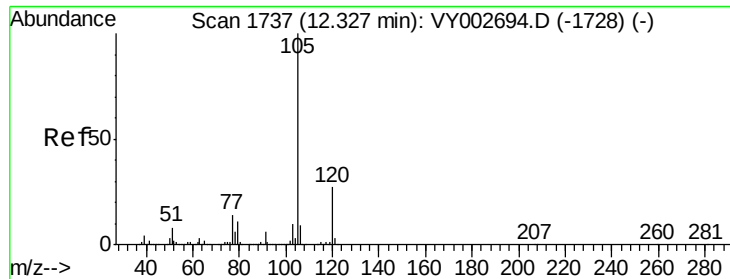
Acq: 15 May 2020 11:50

Tgt Ion:	152	Resp:	280139
Ion Ratio	Lower	Upper	
152	100		
115	53.9	27.2	81.6
150	160.9	0.0	343.8



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





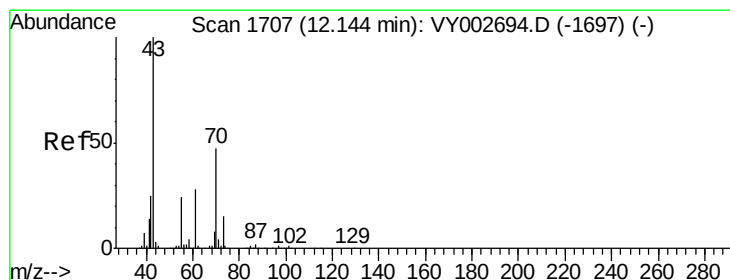
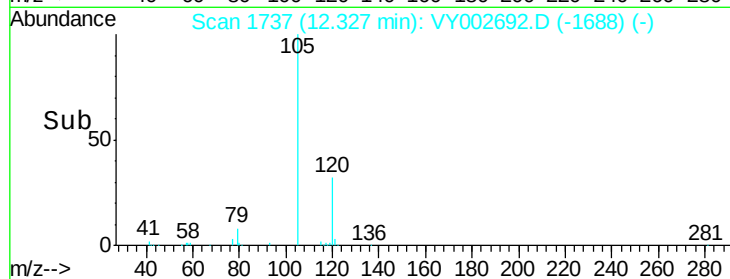
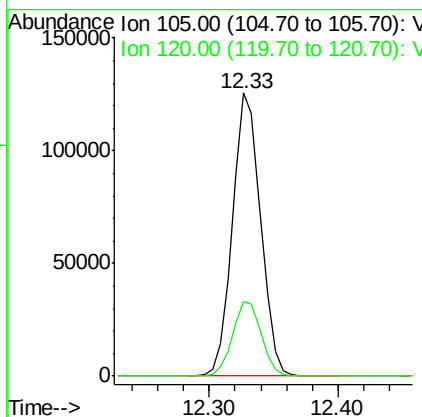
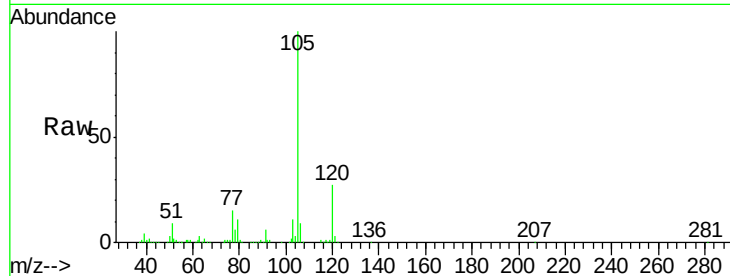
#73
Isopropylbenzene
Concen: 10.562 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.7	41.1

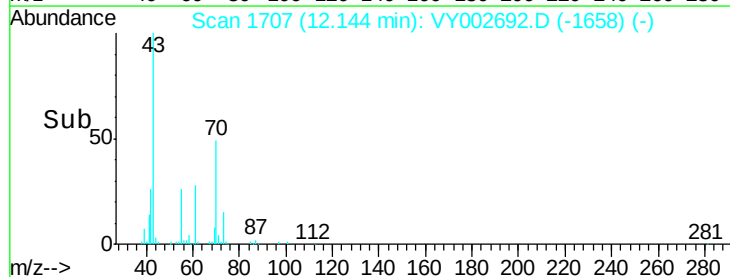
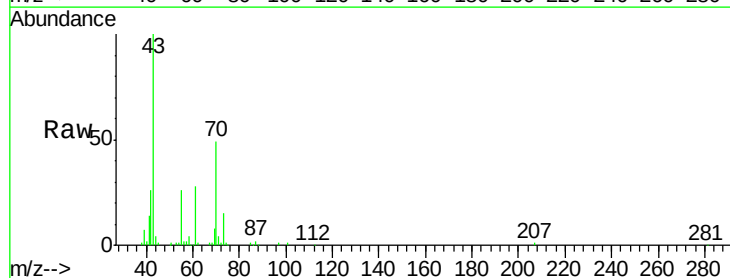
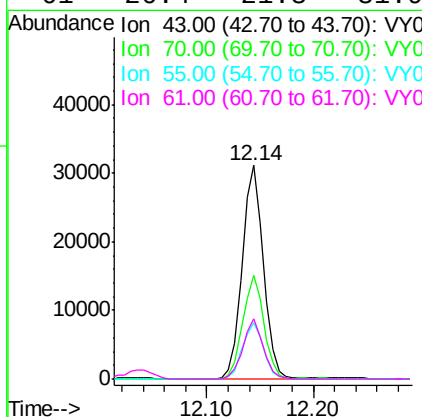
Manual Integrations
APPROVED

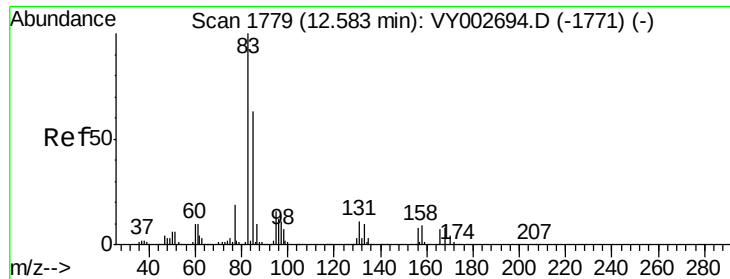
MMDadoda
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#74
N-ethyl acetate
Concen: 10.153 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.5	37.7	56.5
55	26.3	19.4	29.0
61	26.4	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 9.991 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

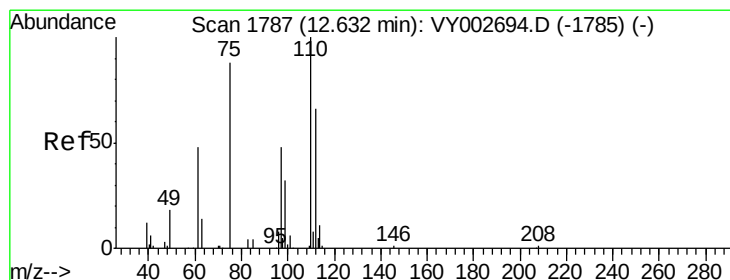
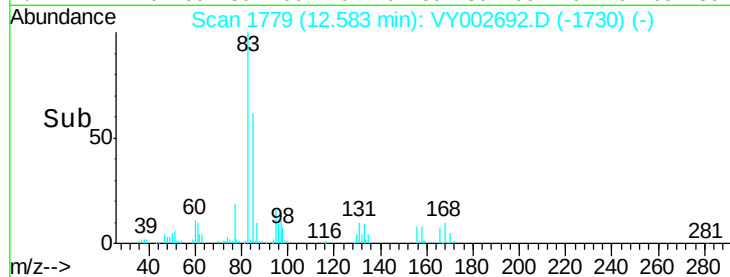
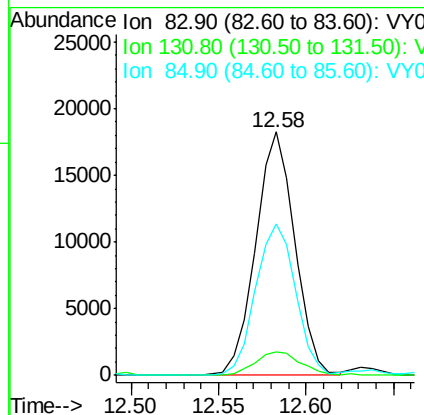
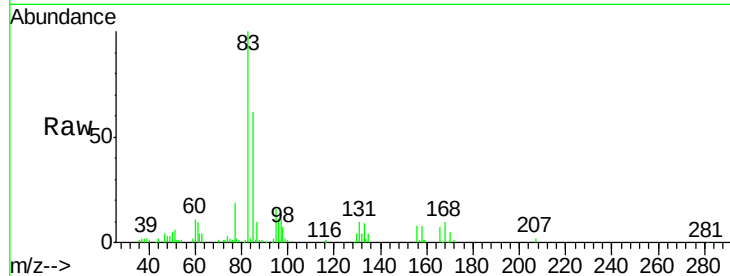
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	28300
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.3
85	63.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 9.866 ug/l m

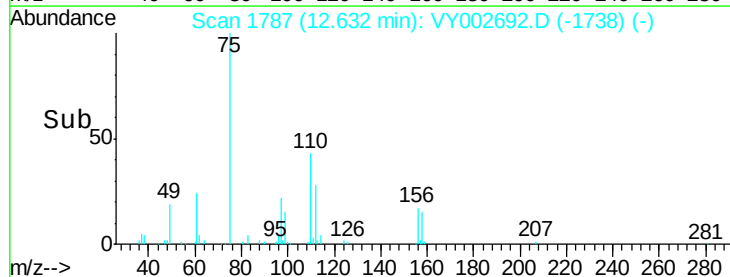
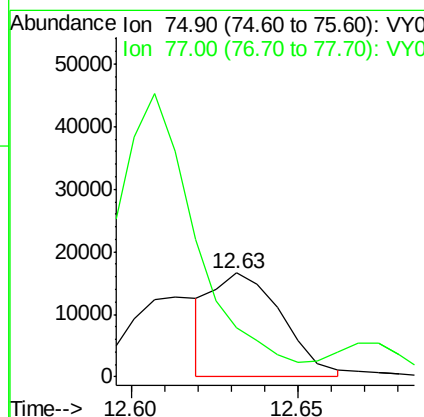
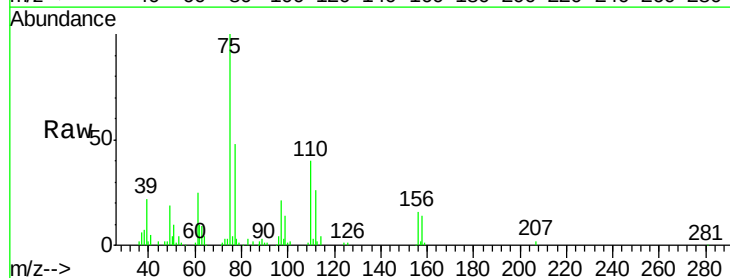
RT: 12.63 min Scan# 1787

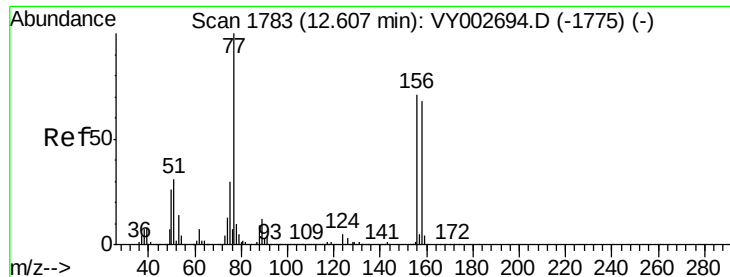
Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Tgt Ion:	75	Resp:	23962
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 10.575 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:156 Resp: 47699

Ion Ratio Lower Upper

156 100

77 162.1 80.8 242.3

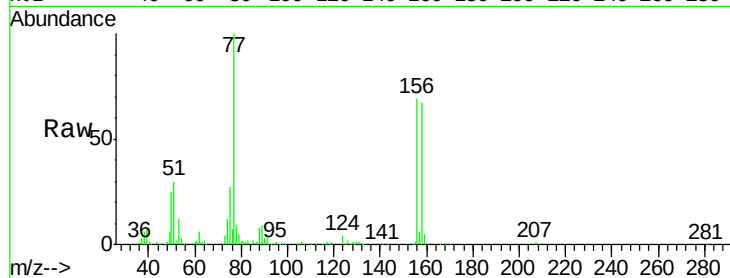
158 96.8 49.0 147.0

Manual Integrations

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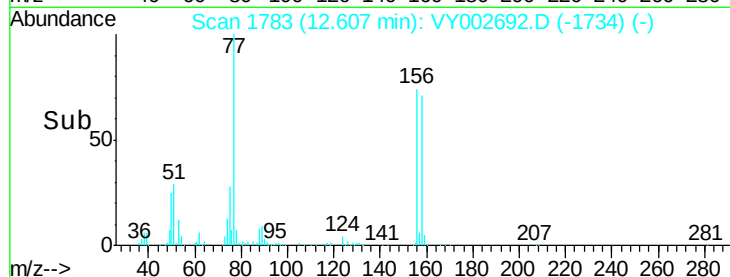
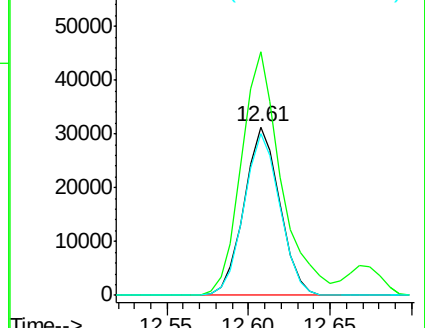
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 10.689 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY002692.D

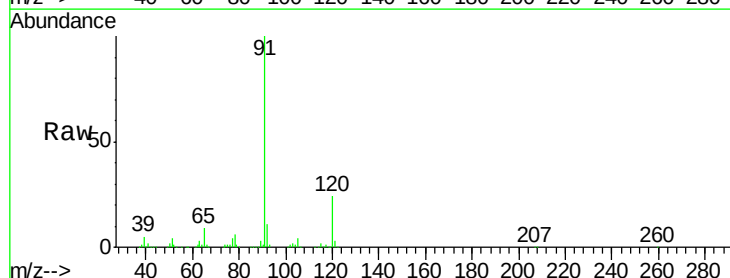
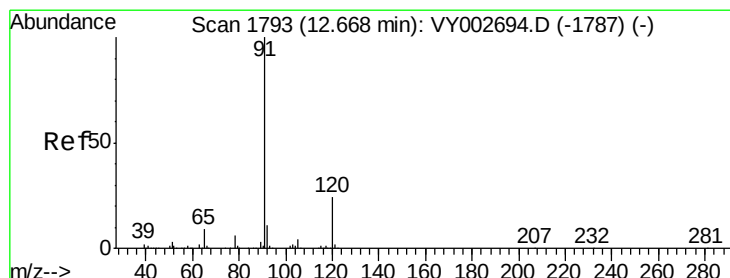
Acq: 15 May 2020 11:50

Tgt Ion: 91 Resp: 223963

Ion Ratio Lower Upper

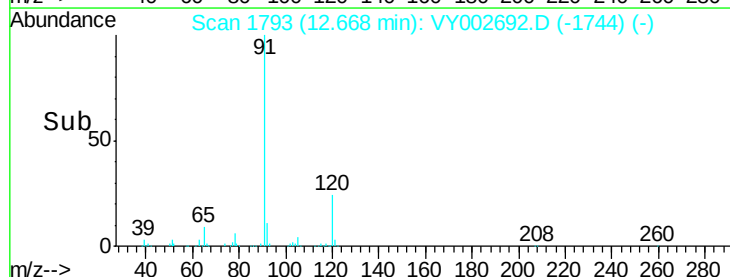
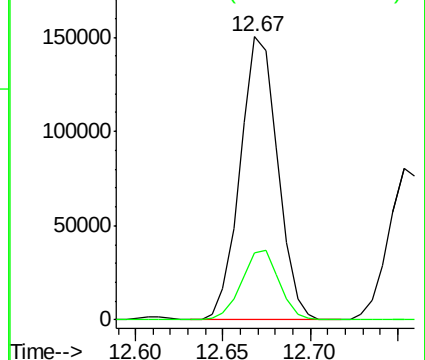
91 100

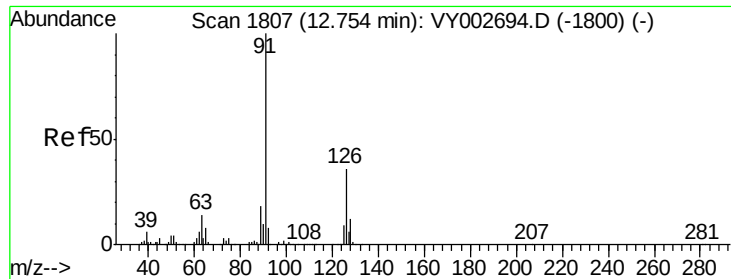
120 24.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





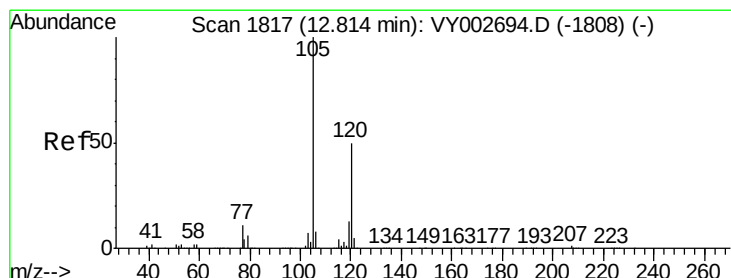
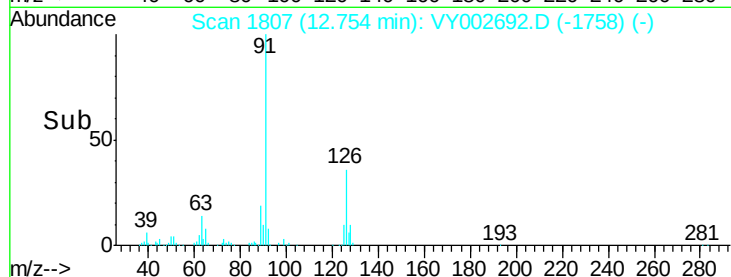
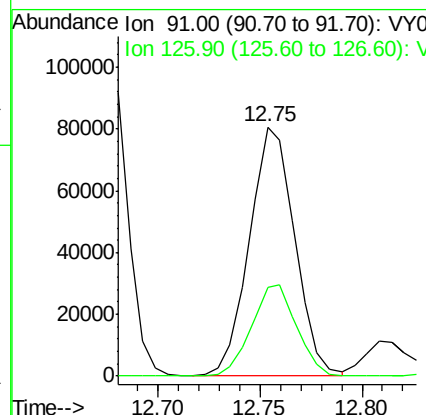
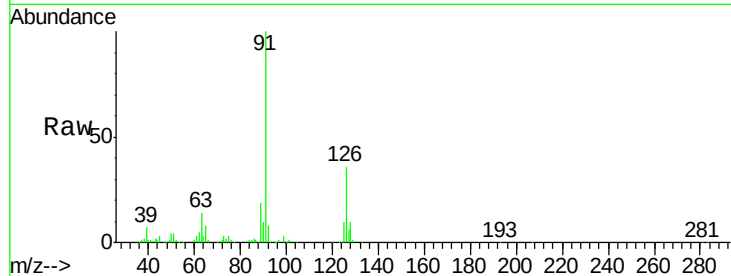
#79
 2-Chlorotoluene
 Concen: 10.764 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.4	55.0

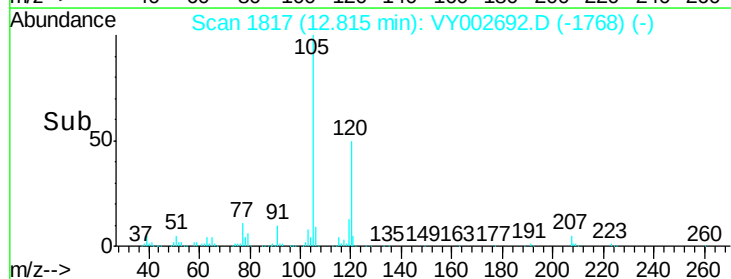
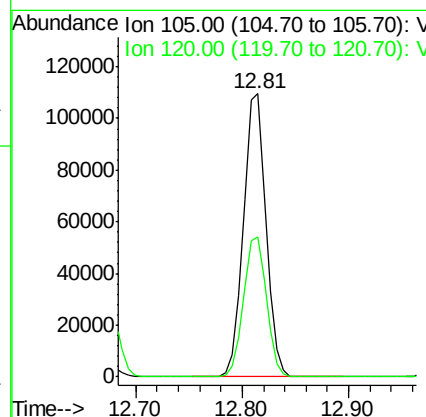
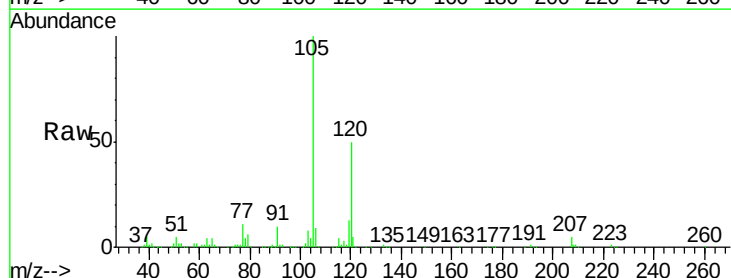
Manual Integrations
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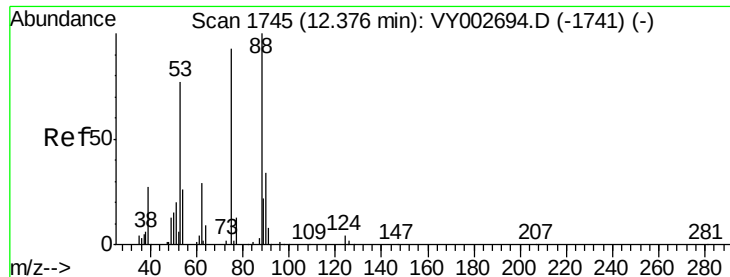
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 10.907 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.5	25.1	75.4





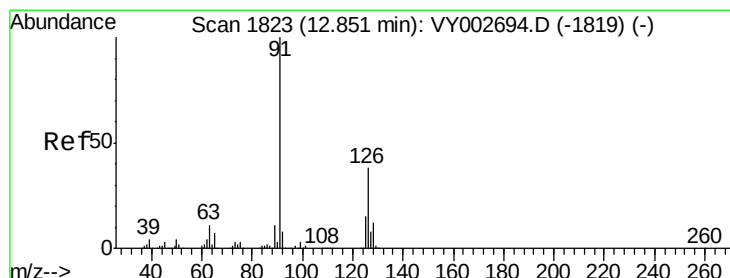
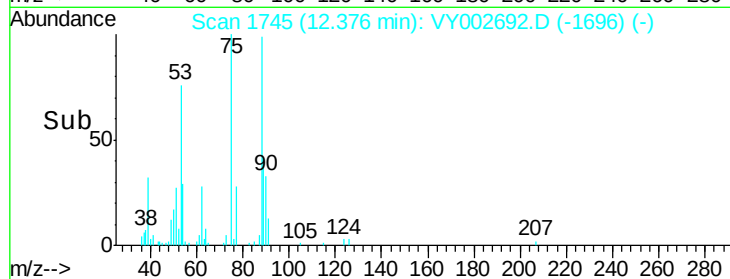
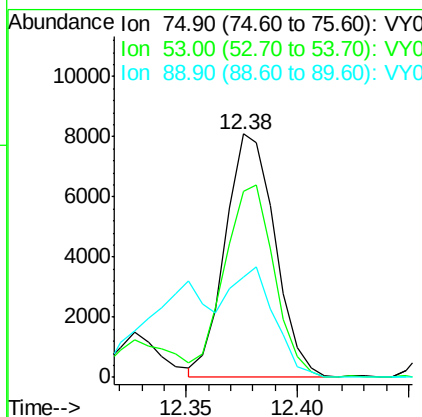
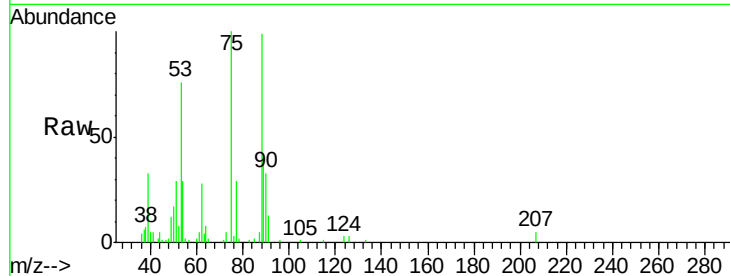
#81
trans-1,4-Dichloro-2-butene
Concen: 10.240 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	79.0	65.0	97.6
89	41.3	66.6	99.8

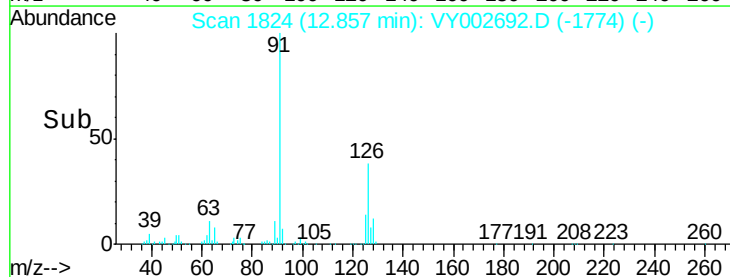
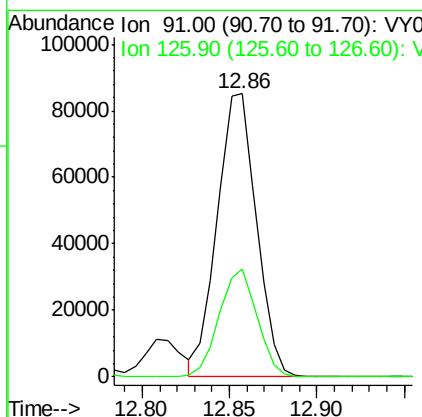
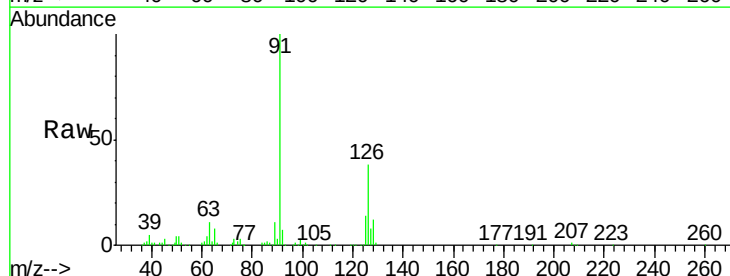
Manual Integrations
APPROVED

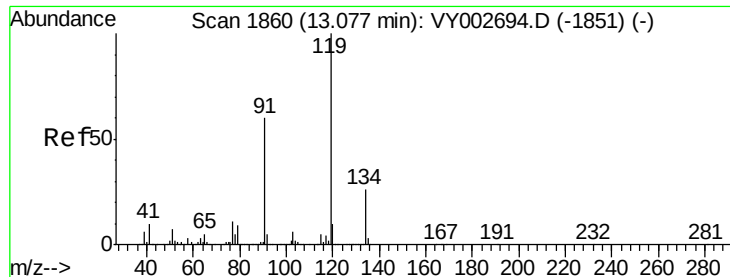
MMDadoda
5/18/2020 1:36:02 PM



#82
4-Chlorotoluene
Concen: 10.946 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.6	56.0





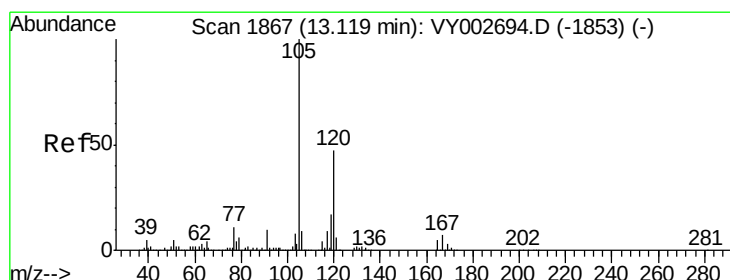
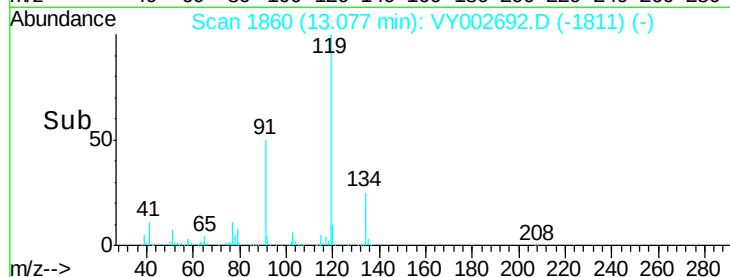
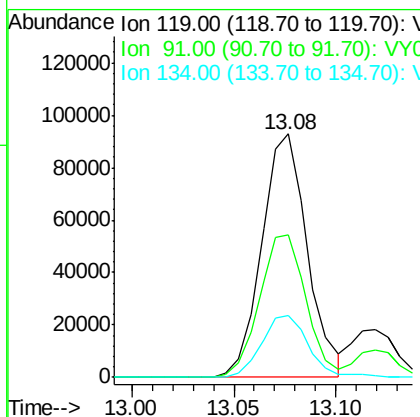
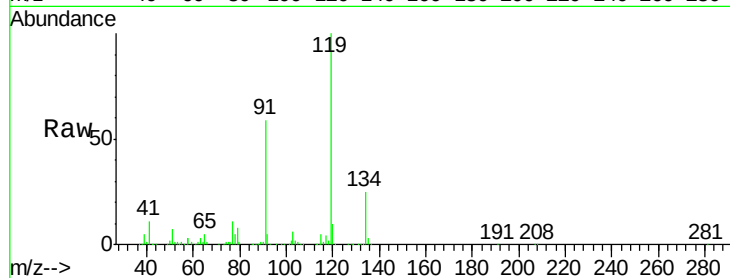
#83
 tert-Butylbenzene
 Concen: 11.026 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	30.4	91.2
134	26.5	13.4	40.2

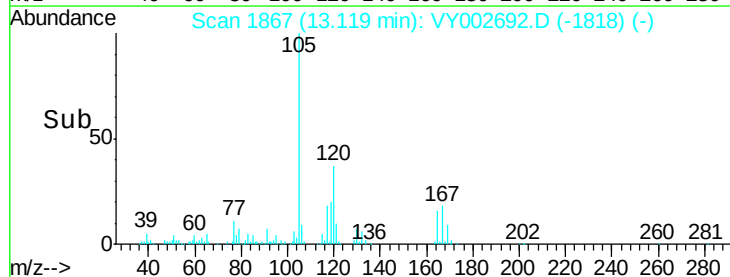
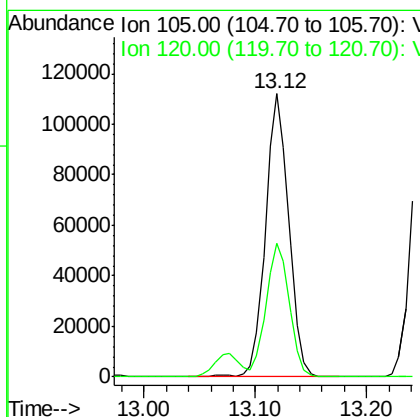
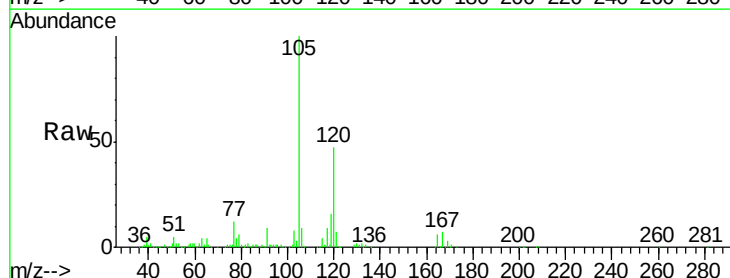
Manual Integrations
 APPROVED

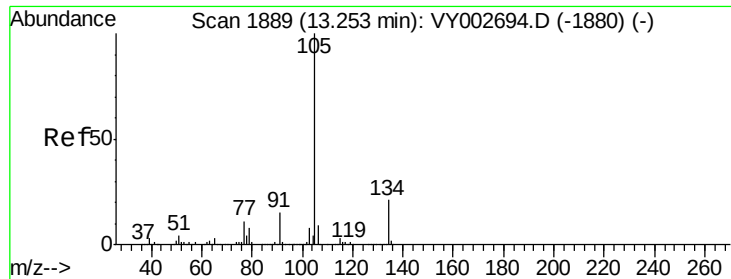
MMDadoda
 5/18/2020 1:36:02 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 10.933 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.5	70.5





#85

sec-Butylbenzene

Concen: 11.131 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 202859

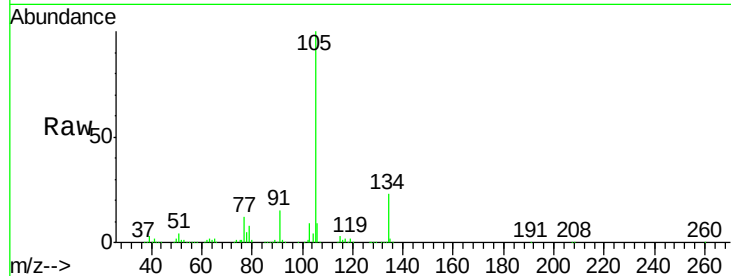
Ion Ratio Lower Upper

105 100

134 22.1 10.8 32.3

Manual Integrations
APPROVED

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5/18/2020 1:36:02 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

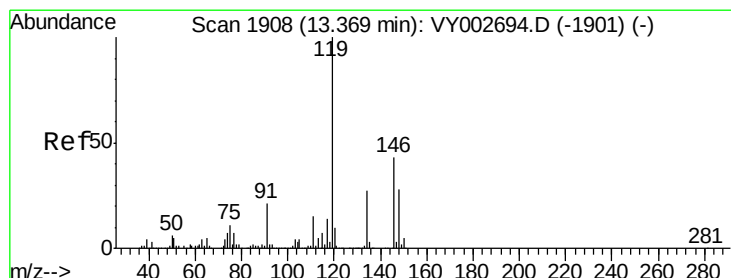
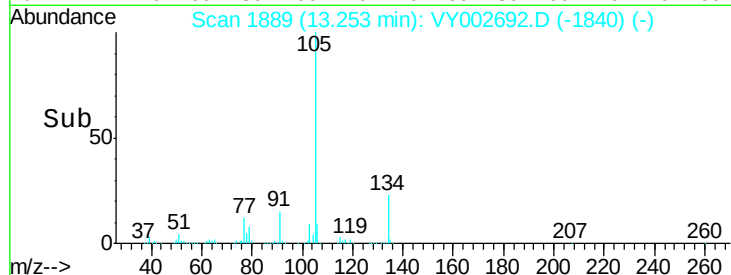
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 11.076 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY002692.D

Acq: 15 May 2020 11:50

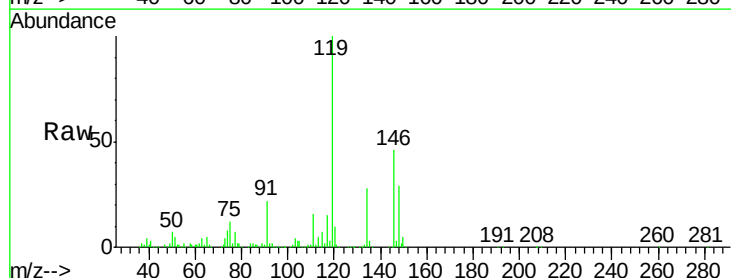
Tgt Ion:119 Resp: 189167

Ion Ratio Lower Upper

119 100

134 27.7 13.5 40.5

91 21.9 10.8 32.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

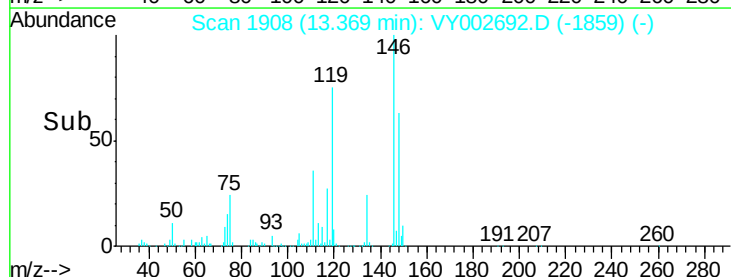
150000

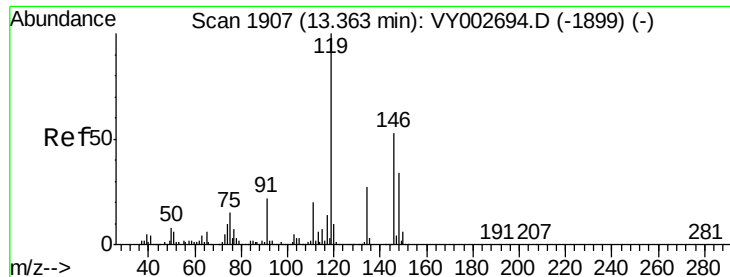
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50000

0

Time-->





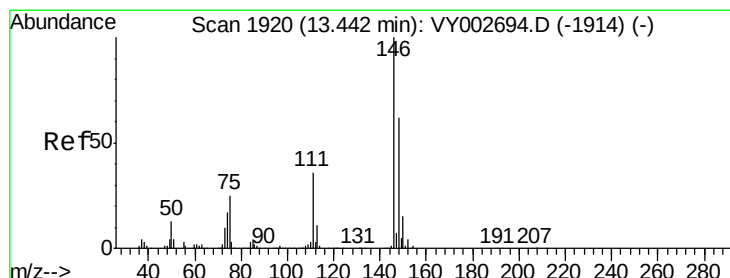
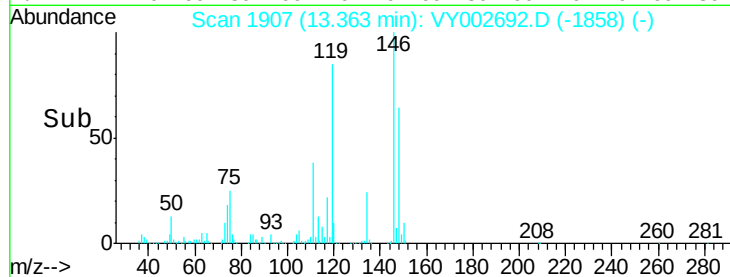
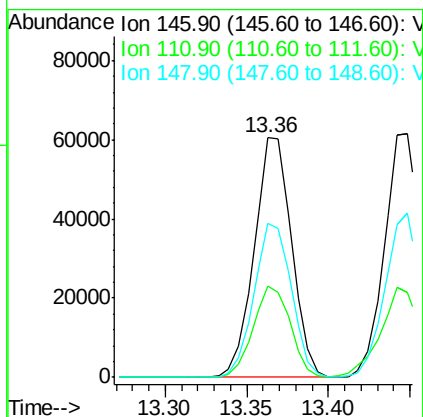
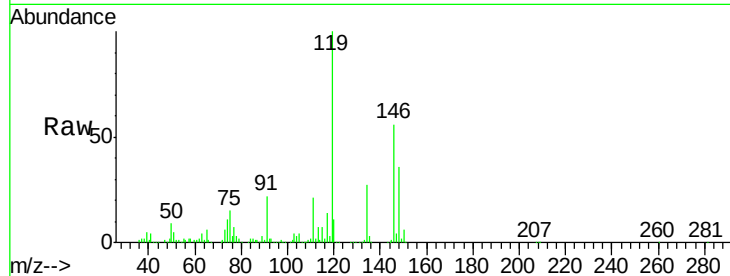
#87
 1,3-Dichlorobenzene
 Concen: 11.288 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.5	55.5
148	64.3	32.1	96.5

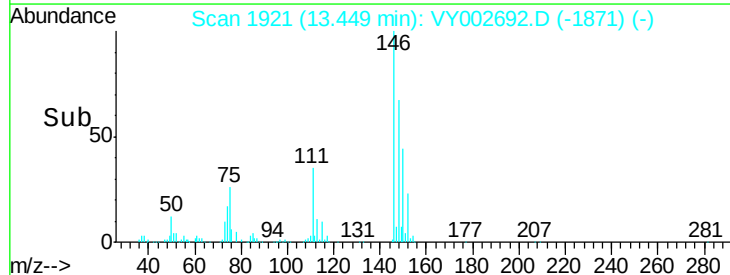
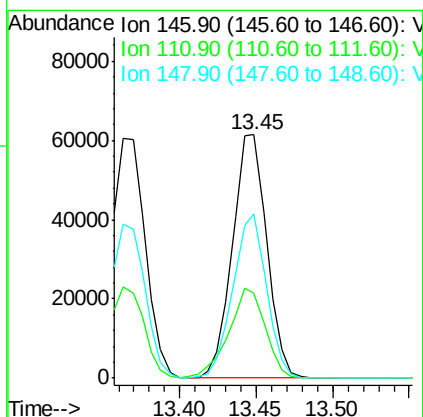
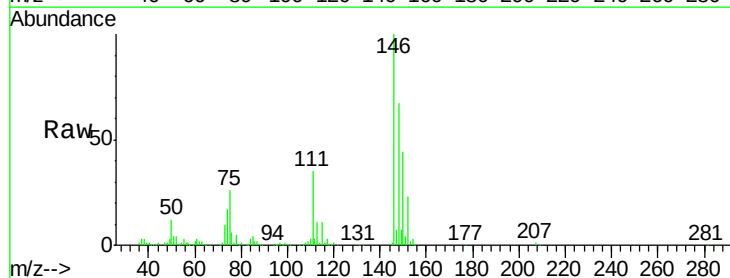
Manual Integrations
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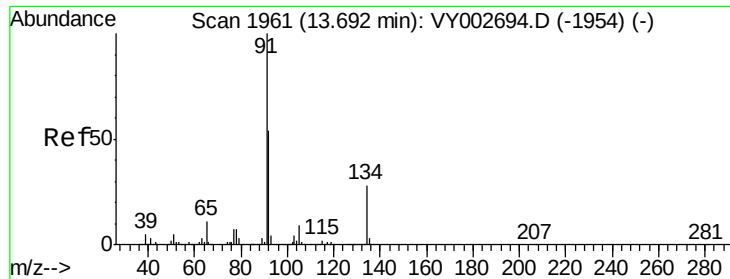
MMDadoda
 5/18/2020 1:36:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 11.339 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.1	54.4
148	65.8	31.8	95.3





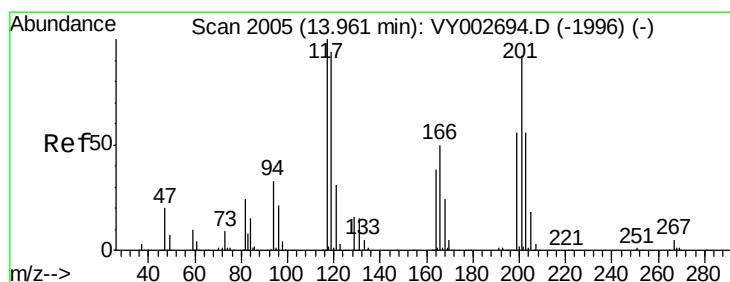
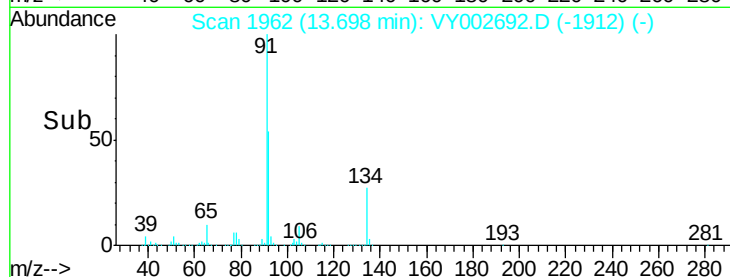
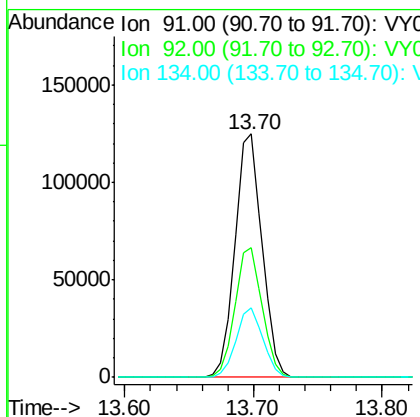
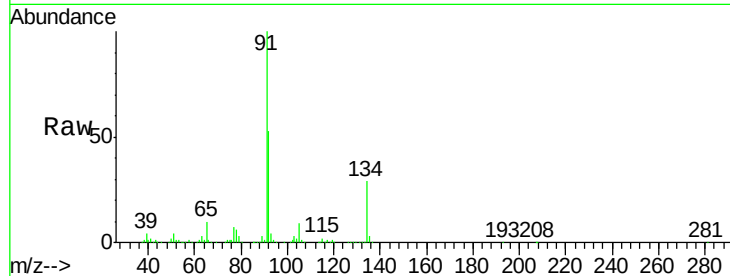
#89
n-Butylbenzene
Concen: 11.710 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
91	100	182309		
92	53.5		26.8	80.4
134	28.2		14.5	43.5

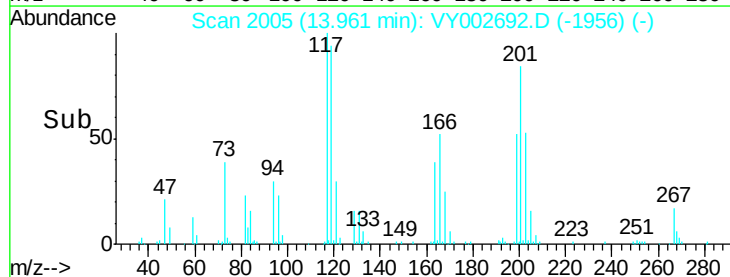
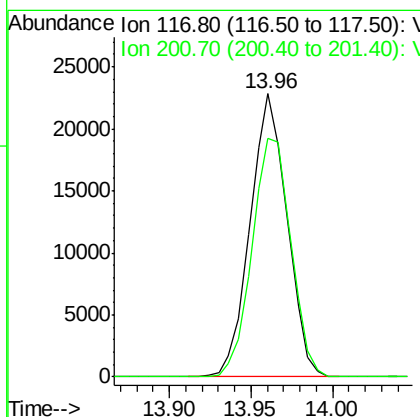
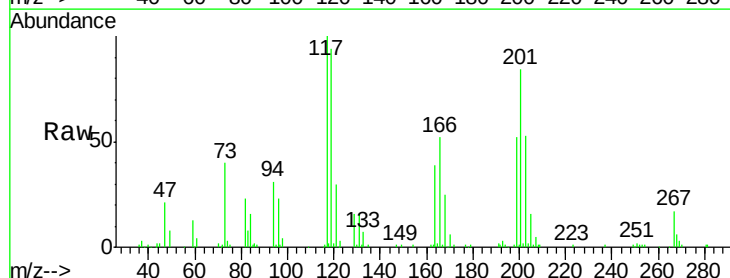
Manual Integrations
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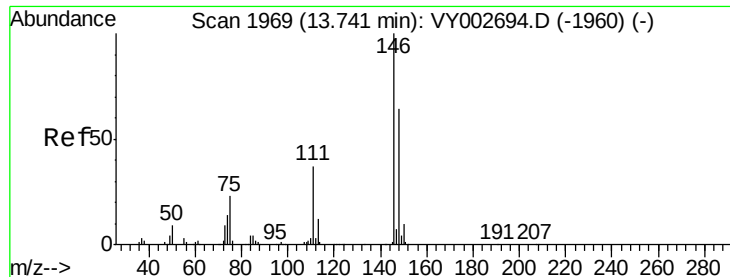
MMDadoda
5/18/2020 1:36:02 PM



#90
Hexachloroethane
Concen: 11.496 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	35889		
201	89.0		44.9	134.7





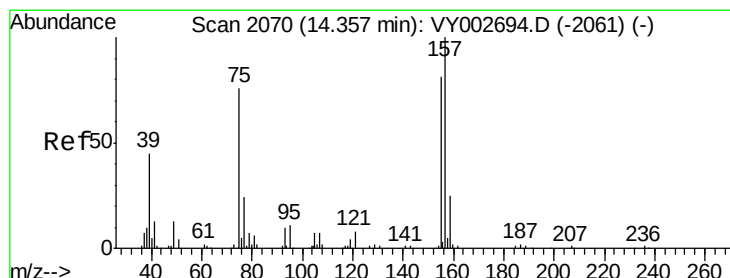
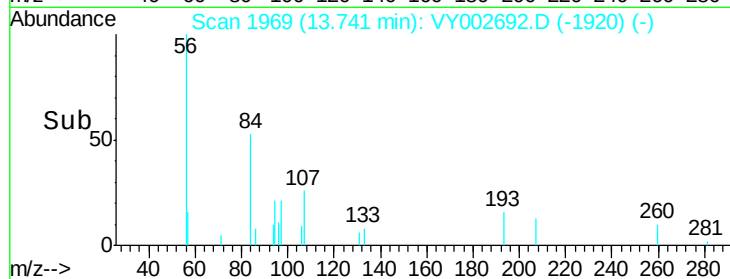
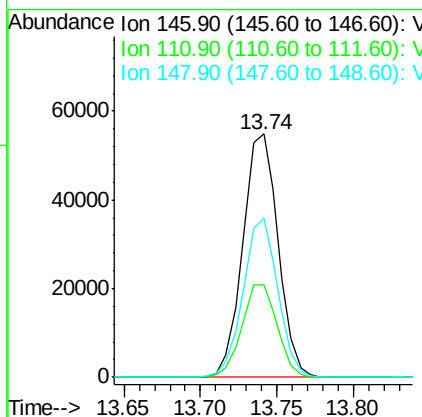
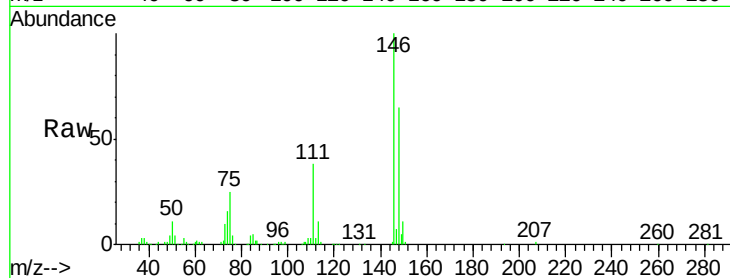
#91
 1,2-Dichlorobenzene
 Concen: 11.522 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	64.1	31.9	95.7

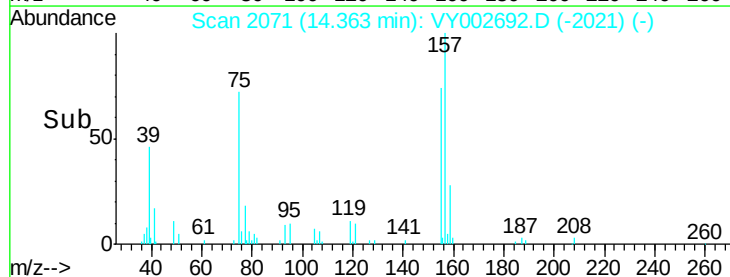
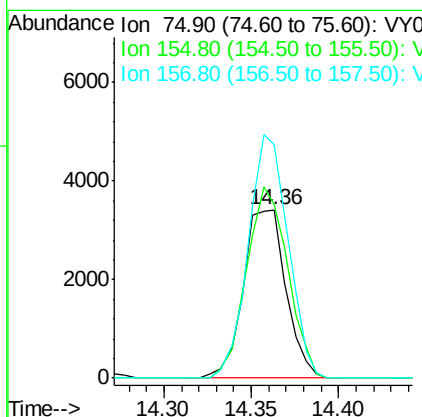
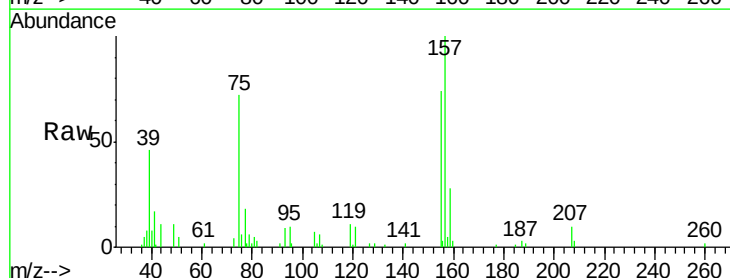
Manual Integrations
 APPROVED

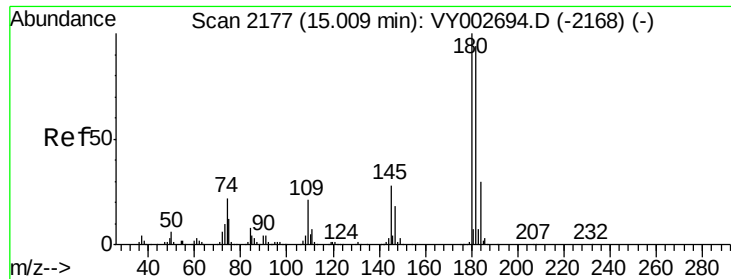
MMDadoda
 5/18/2020 1:36:02 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 10.872 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.01 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	110.4	53.5	160.7
157	135.3	67.9	203.7





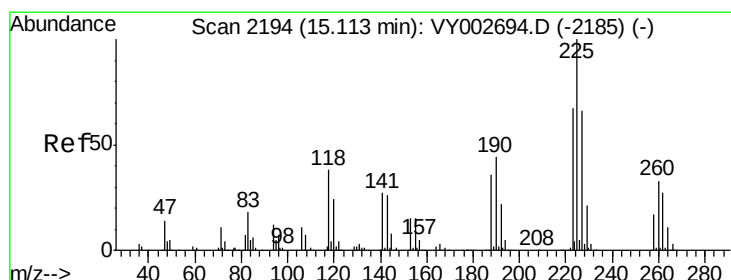
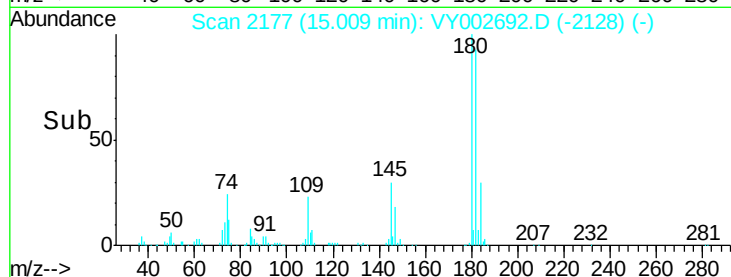
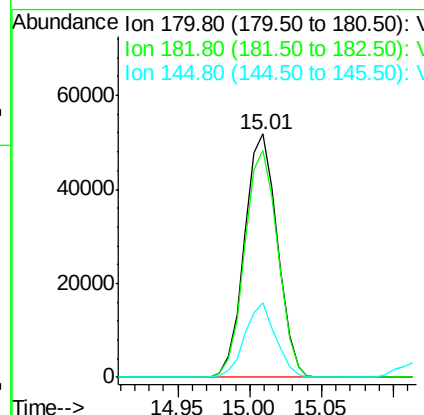
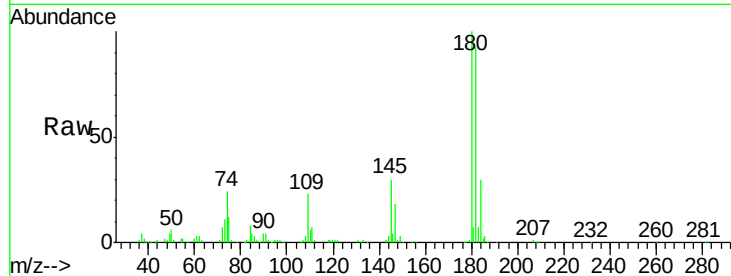
#93
 1,2,4-Trichlorobenzene
 Concen: 14.701 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81833		
182	94.0		47.3	142.0
145	28.8		14.1	42.2

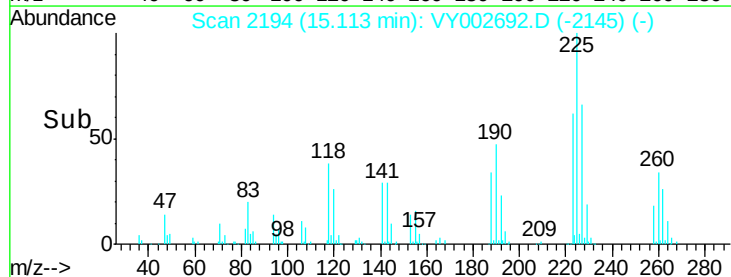
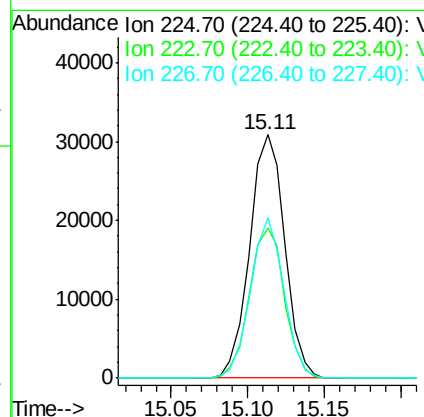
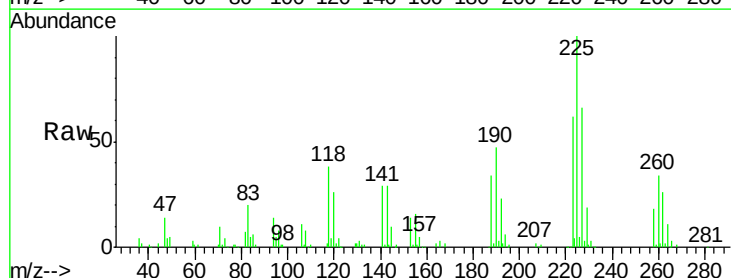
Manual Integrations
 APPROVED

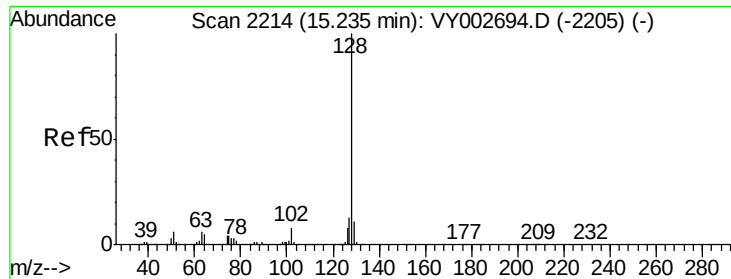
MMDadoda
 5/18/2020 1:36:02 PM



#94
 Hexachlorobutadiene
 Concen: 14.720 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY002692.D
 Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49272		
223	61.7		31.6	94.8
227	62.6		32.2	96.6





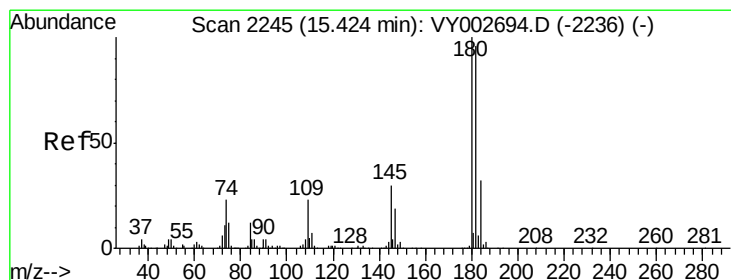
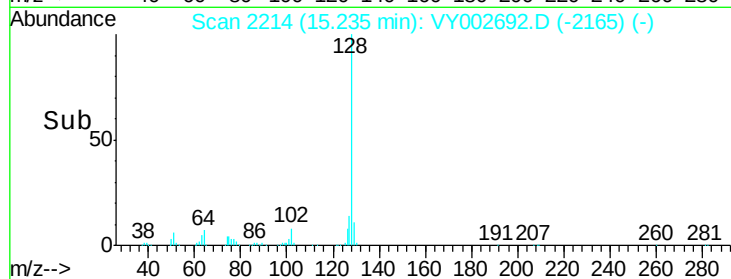
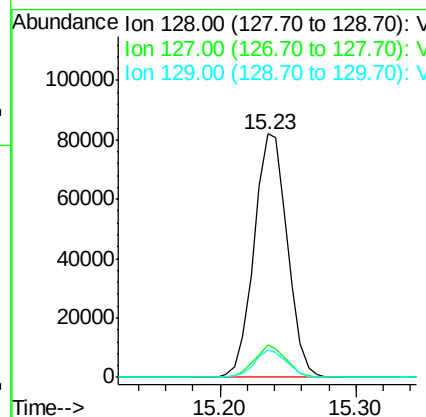
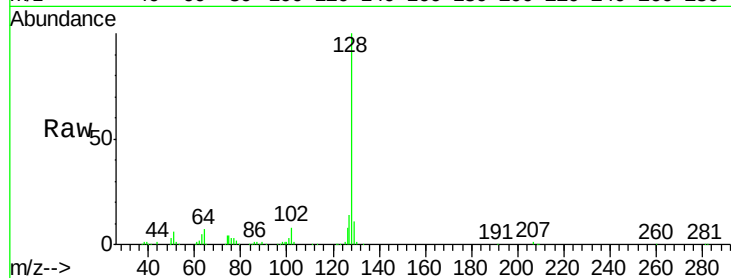
#95
Naphthalene
Concen: 13.897 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	140398		
127	12.7	10.3	15.5	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
5/18/2020 1:36:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 15.906 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VY002692.D
Acq: 15 May 2020 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	75065		
182	95.4	47.6	142.9	
145	30.6	15.1	45.3	

