

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112020\
 Data File : VY003566.D
 Acq On : 20 Nov 2020 14:42
 Operator : SY/MD
 Sample : VY1120SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Manual Integrations
 APPROVED

Quant Time: Nov 23 02:25:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	MMDadoda 11/23/2020 1:39:39 PM
1) Pentafluorobenzene	7.80	168	105184	50.00	ug/l	0.00	
34) 1,4-Difluorobenzene	8.69	114	158614	50.00	ug/l	0.00	
63) Chlorobenzene-d5	11.49	117	141929	50.00	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.42	152	70077	50.00	ug/l	0.00	

System Monitoring Compounds							MMDadoda
33) 1,2-Dichloroethane-d4	8.14	65	55629	50.94	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.88%	
35) Dibromofluoromethane	7.72	113	51482	49.38	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.76%	
50) Toluene-d8	10.18	98	183434	45.24	ug/l	0.00	11/23/2020 1:39:39 PM
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.48%	
62) 4-Bromofluorobenzene	12.48	95	62651	48.69	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	6335	20.436	ug/l	86
3) Chloromethane	2.11	50	15901	21.792	ug/l	97
4) Vinyl Chloride	2.26	62	20933	22.176	ug/l	99
5) Bromomethane	2.66	94	17097	21.653	ug/l	99
6) Chloroethane	2.80	64	14491	21.890	ug/l	96
7) Trichlorofluoromethane	3.13	101	20855	25.045	ug/l	98
8) Diethyl Ether	3.53	74	12091	20.019	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.90	101	19905	20.825	ug/l	98
10) Methyl Iodide	4.09	142	34976	21.550	ug/l	99
11) Tert butyl alcohol	5.00	59	9606m	116.371	ug/l	
12) 1,1-Dichloroethene	3.87	96	21694	20.947	ug/l	90
13) Acrolein	3.74	56	13408	128.668	ug/l	98
14) Allyl chloride	4.49	41	36357	20.941	ug/l	99
15) Acrylonitrile	5.18	53	32461	114.234	ug/l	99
16) Acetone	3.97	43	36009	98.746	ug/l #	87
17) Carbon Disulfide	4.19	76	61966	20.785	ug/l	99
18) Methyl Acetate	4.49	43	17610	22.198	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	36257	23.587	ug/l	100
20) Methylene Chloride	4.72	84	30933	23.874	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	24310	20.994	ug/l	95
22) Diisopropyl ether	6.12	45	58517	19.664	ug/l	97
23) Vinyl Acetate	6.07	43	255141	110.302	ug/l	99
24) 1,1-Dichloroethane	6.03	63	41011	20.705	ug/l	98
25) 2-Butanone	7.00	43	49745	105.129	ug/l	98
26) 2,2-Dichloropropane	6.99	77	27918	21.554	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	26556	21.154	ug/l	99
28) Bromochloromethane	7.34	49	20706	21.355	ug/l	98
29) Tetrahydrofuran	7.35	42	28738	115.932	ug/l	98
30) Chloroform	7.51	83	41186	20.837	ug/l	98
31) Cyclohexane	7.78	56	30171	19.109	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	29990	19.635	ug/l	99
36) 1,1-Dichloropropene	7.92	75	31492	20.167	ug/l	98
37) Ethyl Acetate	7.08	43	21960	23.337	ug/l	99
38) Carbon Tetrachloride	7.90	117	27200	18.803	ug/l	95

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Instrument :
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Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:39:39 PM

Quant Time: Nov 23 02:25:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:00:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	29792	18.773	ug/l	96
40) Benzene	8.16	78	94585	20.433	ug/l	96
41) Methacrylonitrile	7.32	41	10552	18.967	ug/l #	88
42) 1,2-Dichloroethane	8.24	62	28270	21.468	ug/l	100
43) Isopropyl Acetate	8.28	43	34411	19.915	ug/l #	90
44) Trichloroethene	8.94	130	25675	20.355	ug/l	94
45) 1,2-Dichloropropane	9.22	63	23934	20.858	ug/l	95
46) Dibromomethane	9.30	93	13538	20.717	ug/l	99
47) Bromodichloromethane	9.50	83	32273	20.793	ug/l	96
48) Methyl methacrylate	9.29	41	18479	22.342	ug/l	95
49) 1,4-Dioxane	9.31	88	3426	457.578	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	77356	93.412	ug/l	97
52) Toluene	10.24	92	56571	19.960	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	34390	21.170	ug/l	94
54) cis-1,3-Dichloropropene	9.92	75	38044	20.576	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	19377	20.906	ug/l	95
56) Ethyl methacrylate	10.51	69	21825	19.377	ug/l	96
57) 1,3-Dichloropropane	10.79	76	33411	21.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	65915	114.034	ug/l	99
59) 2-Hexanone	10.83	43	70862	103.803	ug/l	99
60) Dibromochloromethane	10.99	129	22900	20.434	ug/l	98
61) 1,2-Dibromoethane	11.09	107	19547	21.885	ug/l	97
64) Tetrachloroethene	10.72	164	20713	19.538	ug/l	96
65) Chlorobenzene	11.52	112	62576	20.379	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	17910	20.326	ug/l	98
67) Ethyl Benzene	11.59	91	97231	19.324	ug/l	99
68) m/p-Xylenes	11.70	106	75625	39.251	ug/l	98
69) o-Xylene	12.03	106	30809	19.990	ug/l	97
70) Styrene	12.04	104	61701	19.864	ug/l	98
71) Bromoform	12.20	173	15099	21.220	ug/l #	99
73) Isopropylbenzene	12.33	105	66766	19.127	ug/l	99
74) N-amyl acetate	12.14	43	27852	20.148	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	20773	21.386	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	13772m	20.271	ug/l	
77) Bromobenzene	12.61	156	26193	20.395	ug/l	99
78) n-propylbenzene	12.67	91	94218	19.213	ug/l	99
79) 2-Chlorotoluene	12.75	91	56506	19.962	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	55128	21.013	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.38	75	9288	21.733	ug/l	99
82) 4-Chlorotoluene	12.85	91	70581	20.351	ug/l	99
83) tert-Butylbenzene	13.07	119	53814	20.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	58100	20.799	ug/l	98
85) sec-Butylbenzene	13.25	105	63410	21.095	ug/l	100
86) p-Isopropyltoluene	13.37	119	58940	21.853	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	47584	20.354	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	48671	20.316	ug/l	96
89) n-Butylbenzene	13.69	91	56554	19.596	ug/l	99
90) Hexachloroethane	13.95	117	15005	21.040	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	37408	20.047	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	2912	23.017	ug/l	96

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBSD01

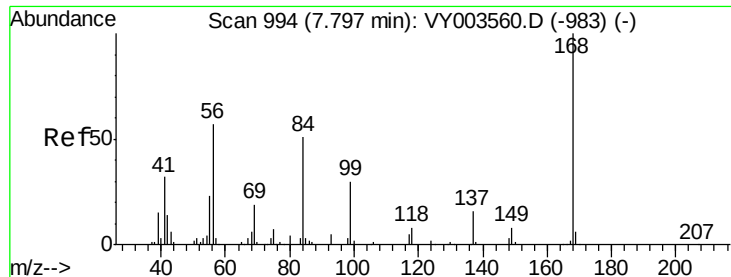
Manual Integrations
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11/23/2020 1:39:39 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112020S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:00:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	21147	20.207	ug/l	98
94) Hexachlorobutadiene	15.11	225	14337	22.888	ug/l	98
95) Naphthalene	15.23	128	38958	21.816	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	16438	21.368	ug/l	95

(#) = 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: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion:168 Resp: 105184

Ion Ratio Lower Upper

168 100

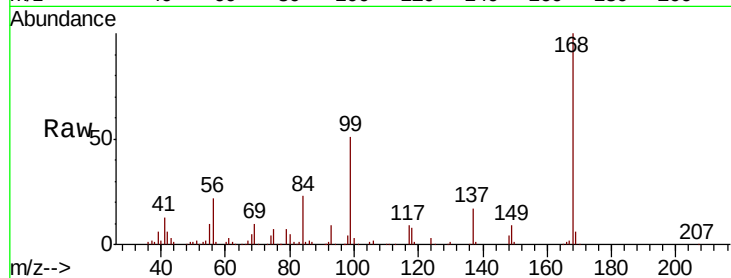
99 50.4 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003566.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY003566.D (-945) (-)

7.80

40000

30000

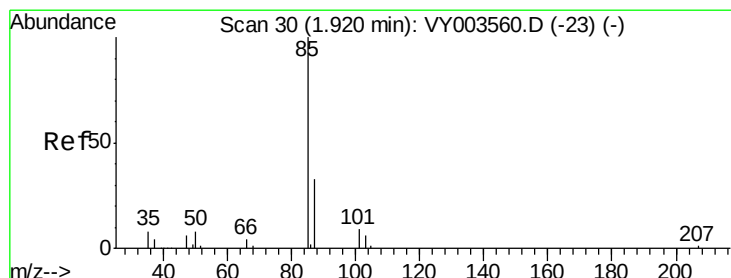
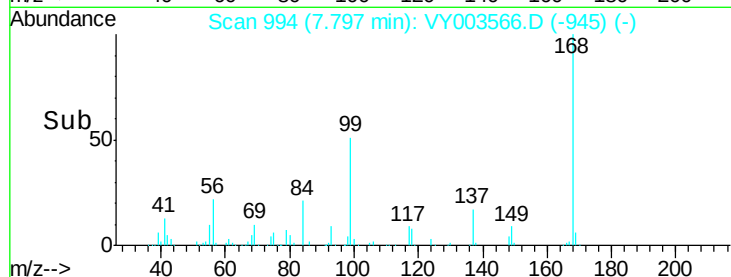
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.436 ug/l

RT: 1.92 min Scan# 30

Delta R.T. -0.00 min

Lab File: VY003566.D

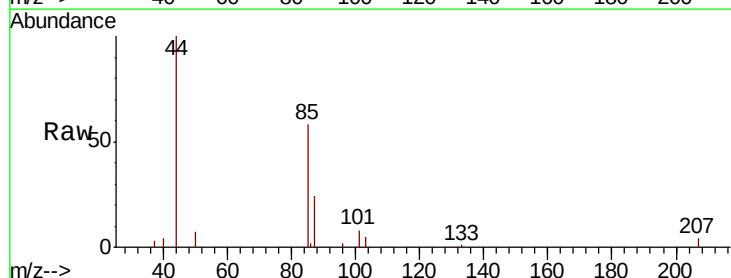
Acq: 20 Nov 2020 14:42

Tgt Ion: 85 Resp: 6335

Ion Ratio Lower Upper

85 100

87 40.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VY003566.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY003566.D (-1) (-)

1.92

2500

2000

1500

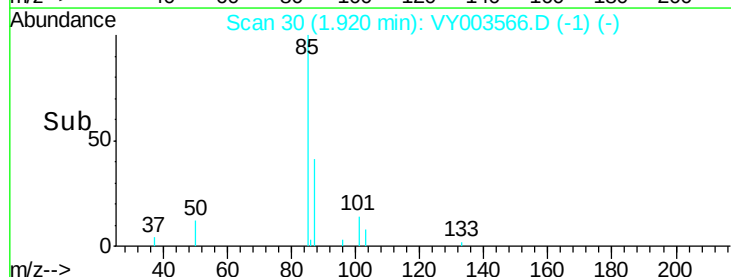
1000

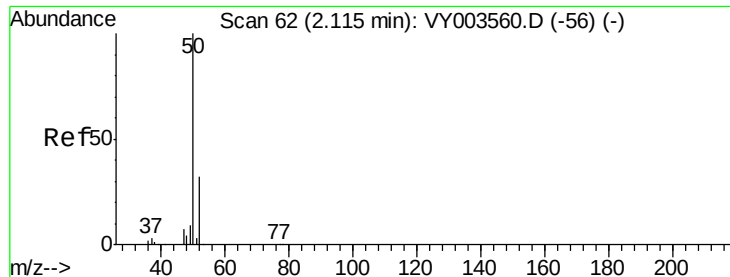
500

0

1.80 1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.792 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 50 Resp: 15901

Ion Ratio Lower Upper

50 100

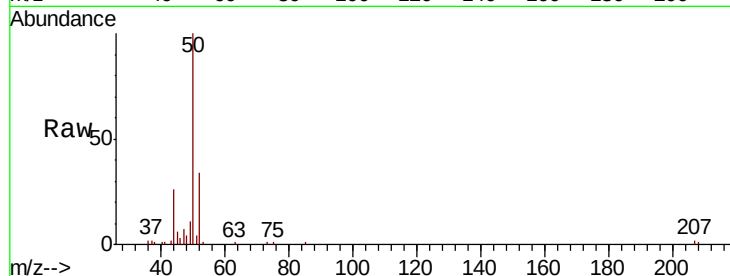
52 34.2 25.8 38.6

Manual Integrations

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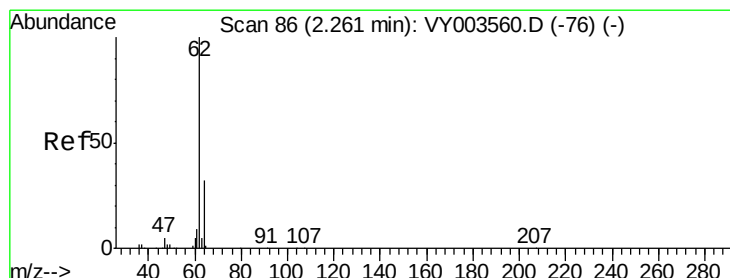
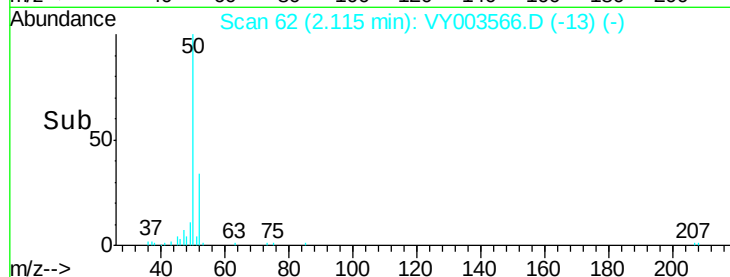
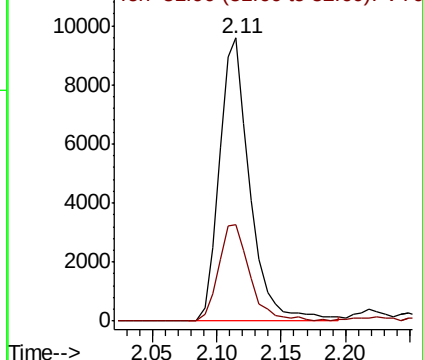
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 22.176 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003566.D

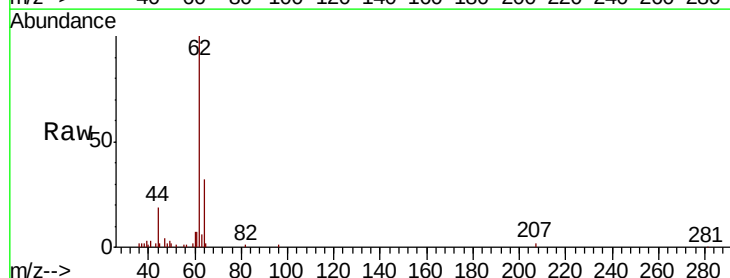
Acq: 20 Nov 2020 14:42

Tgt Ion: 62 Resp: 20933

Ion Ratio Lower Upper

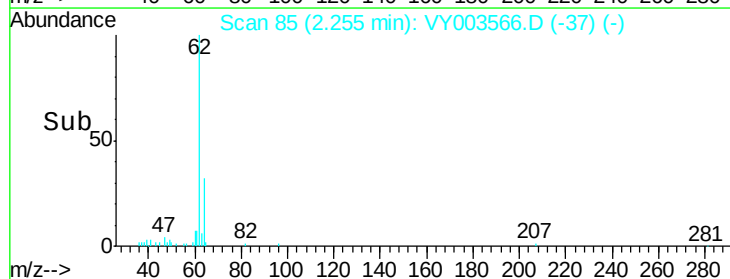
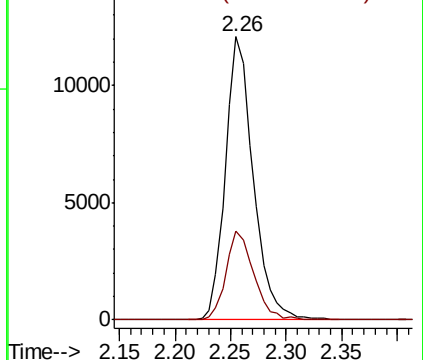
62 100

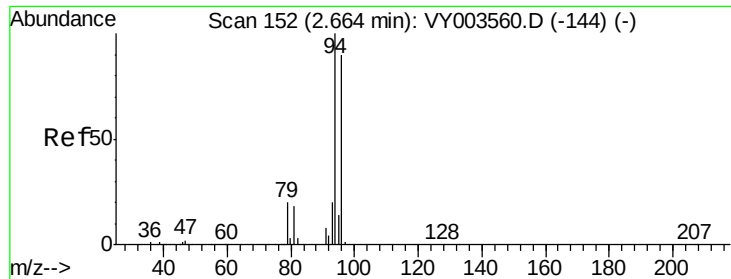
64 31.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 21.653 ug/l

RT: 2.66 min Scan# 151

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 94 Resp: 17097

Ion Ratio Lower Upper

94 100

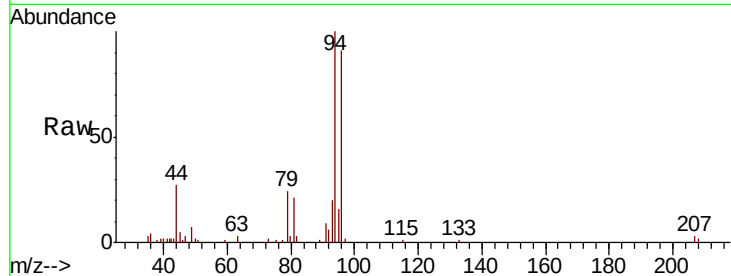
96 90.8 71.9 107.9

Manual Integrations

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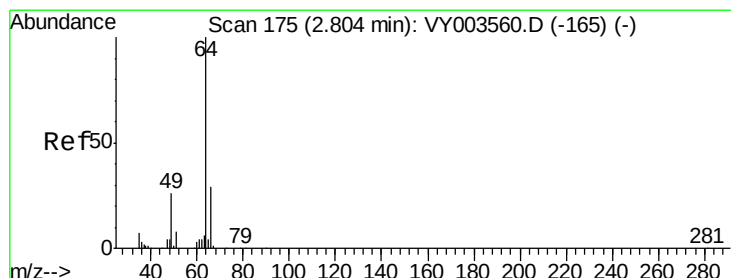
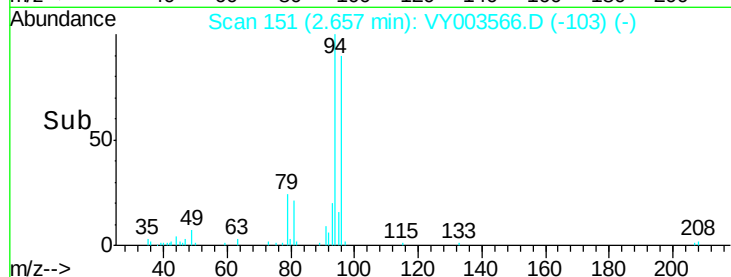
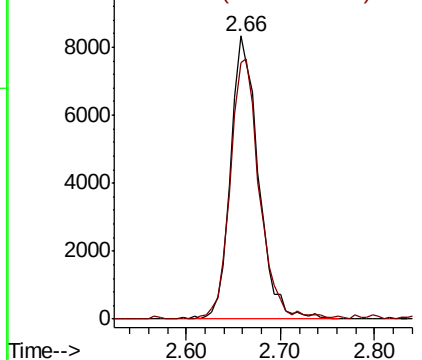
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.890 ug/l

RT: 2.80 min Scan# 175

Delta R.T. -0.00 min

Lab File: VY003566.D

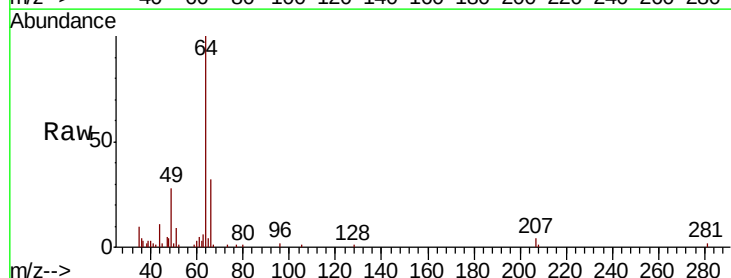
Acq: 20 Nov 2020 14:42

Tgt Ion: 64 Resp: 14491

Ion Ratio Lower Upper

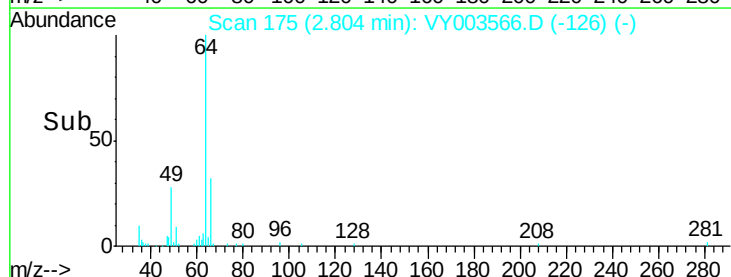
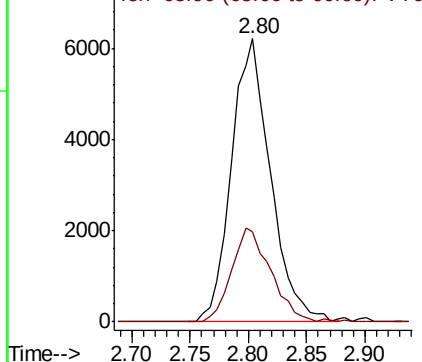
64 100

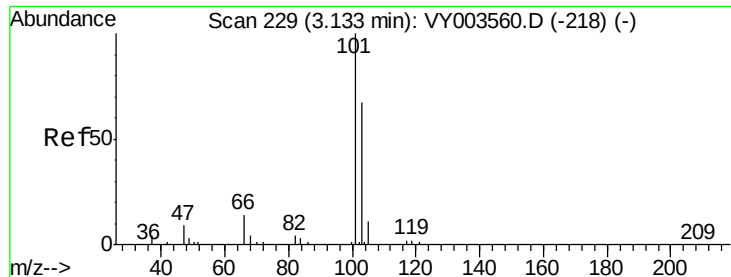
66 31.8 23.6 35.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

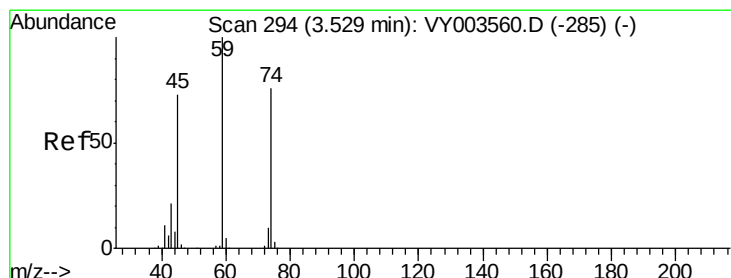
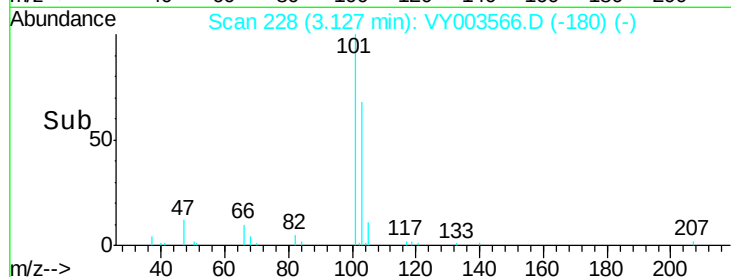
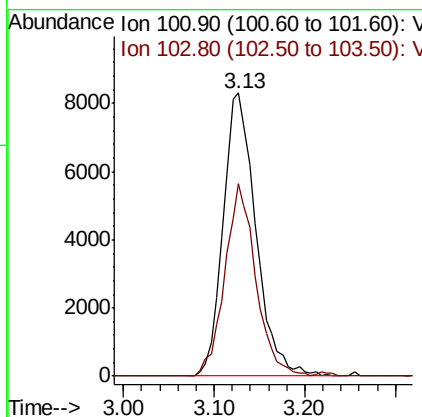
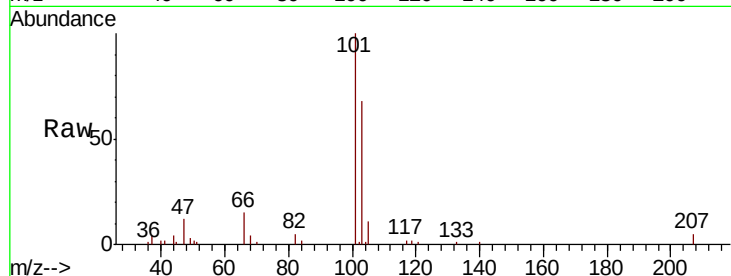
Trichlorofluoromethane
Concen: 25.045 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.9	53.3	79.9

Manual Integrations
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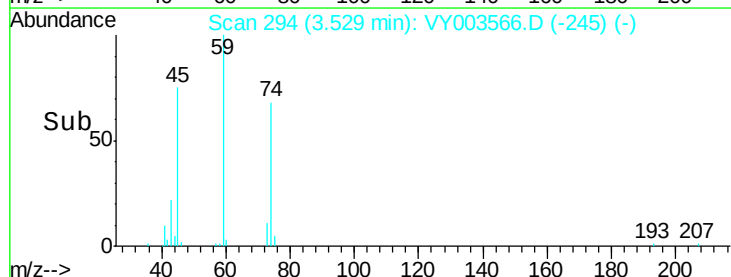
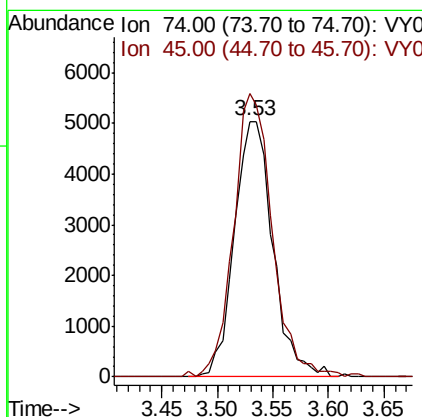
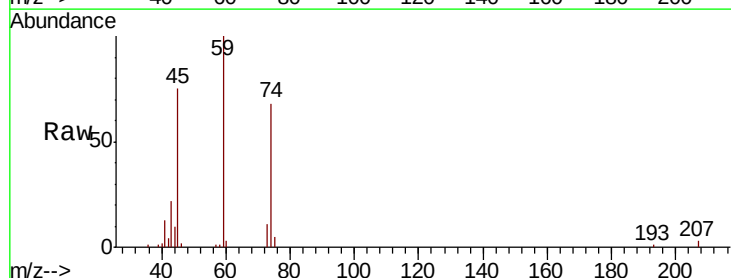
MMDadoda
11/23/2020 1:39:39 PM

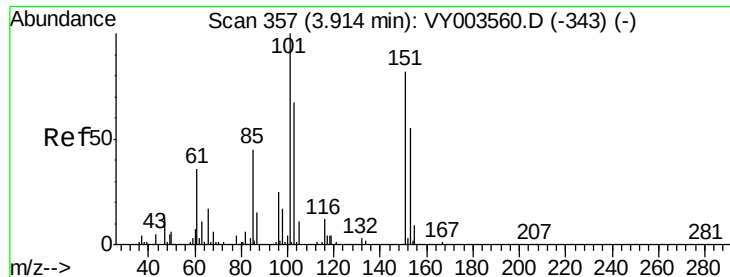


#8

Diethyl Ether
Concen: 20.019 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.6	51.0	153.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.825 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

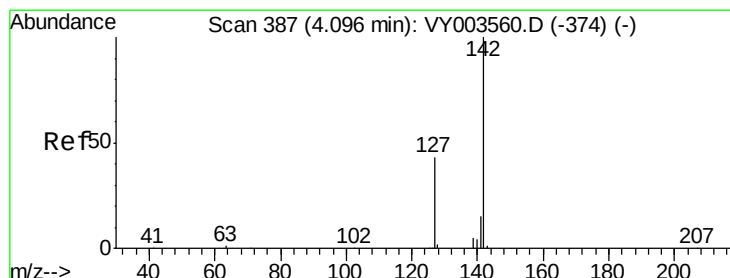
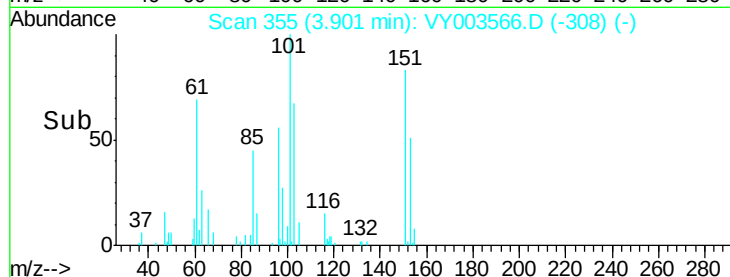
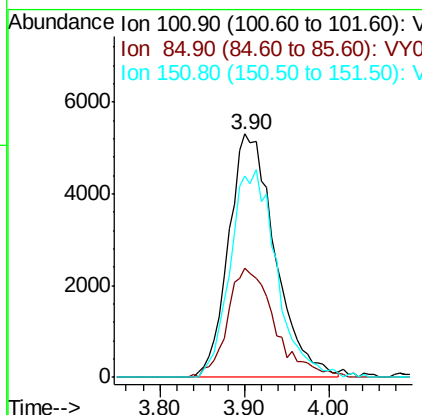
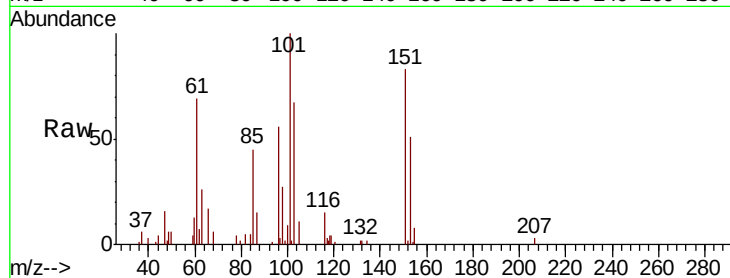
ClientSampleId :

VY1120SBS01

Tot Ion:	101	Resp:	19905
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.9	53.9
151	84.5	65.4	98.0

Manual Integrations
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#10

Methyl Iodide

Concen: 21.550 ug/l

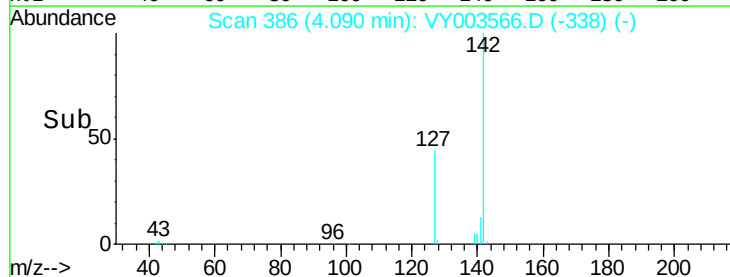
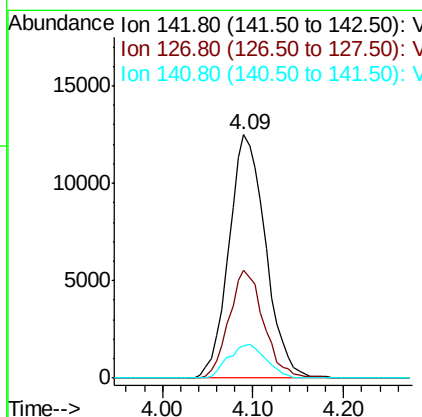
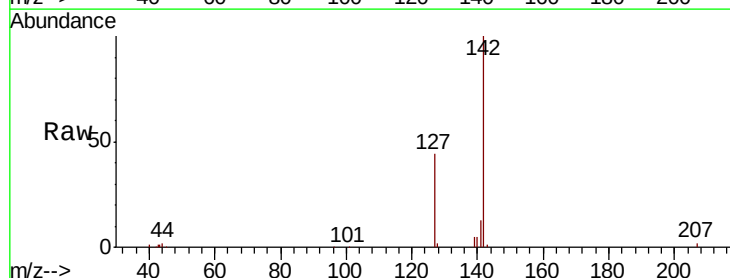
RT: 4.09 min Scan# 386

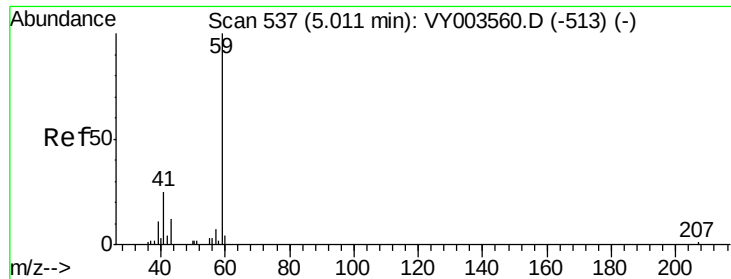
Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion:	142	Resp:	34976
Ion Ratio	Lower	Upper	
142	100		
127	41.9	34.2	51.2
141	14.4	11.5	17.3





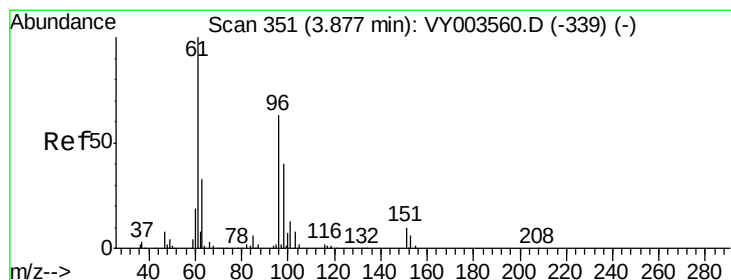
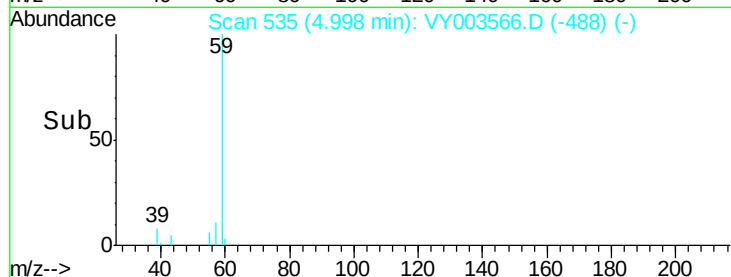
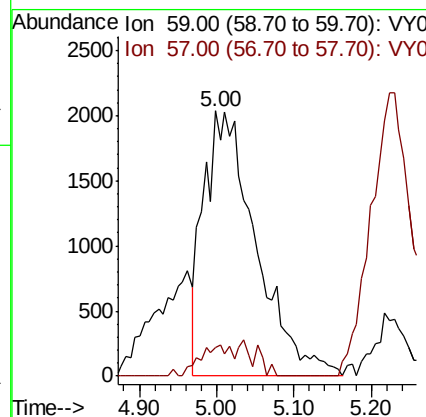
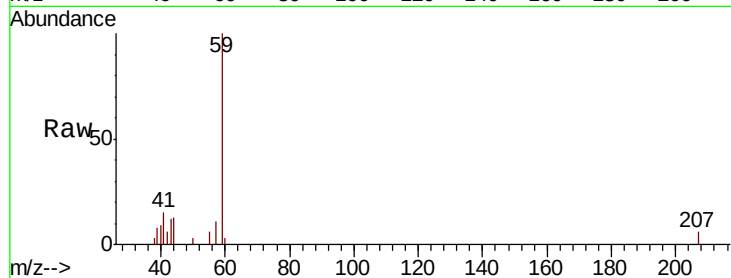
#11
Tert butyl alcohol
Concen: 116.371 ug/l m
RT: 5.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	9606		
57	6.9	0.0	0.0	0.0

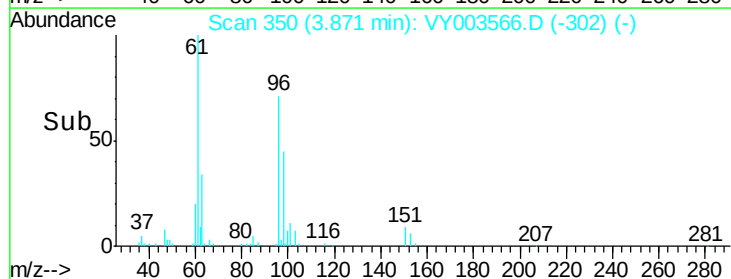
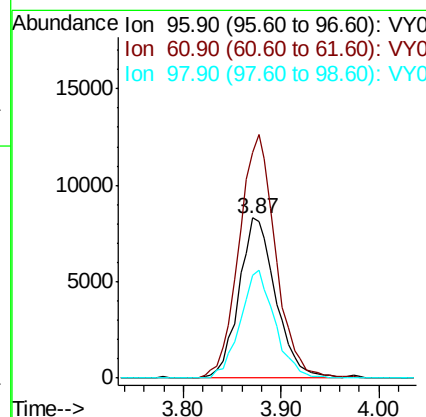
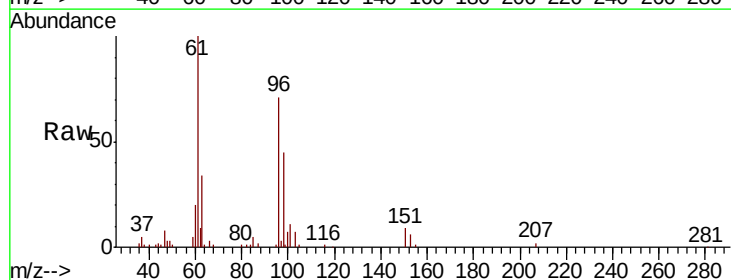
Manual Integrations
APPROVED

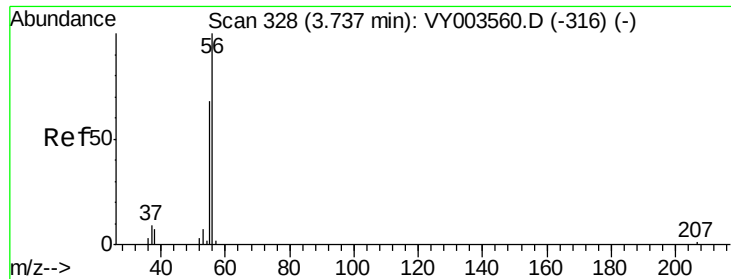
MMDadoda
11/23/2020 1:39:39 PM



#12
1,1-Dichloroethene
Concen: 20.947 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	21694		
61	140.7	127.3	190.9	
98	63.8	50.6	76.0	





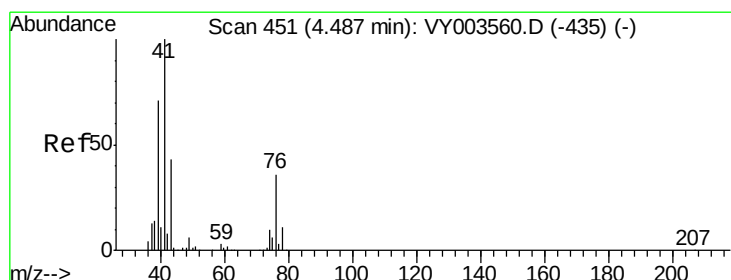
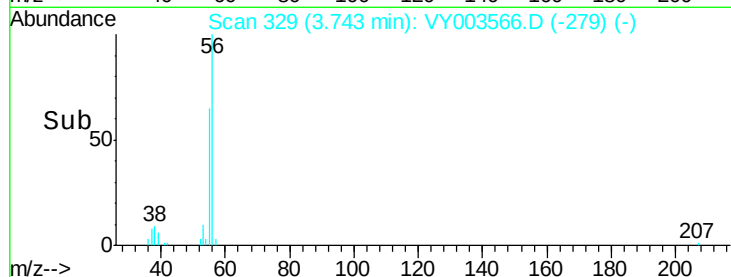
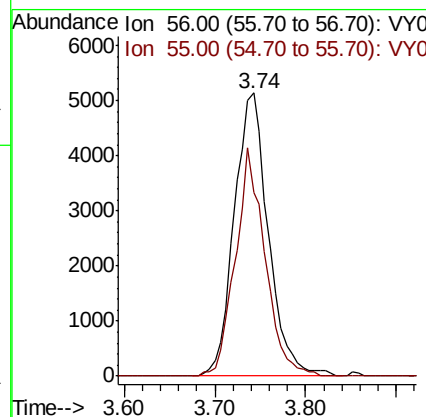
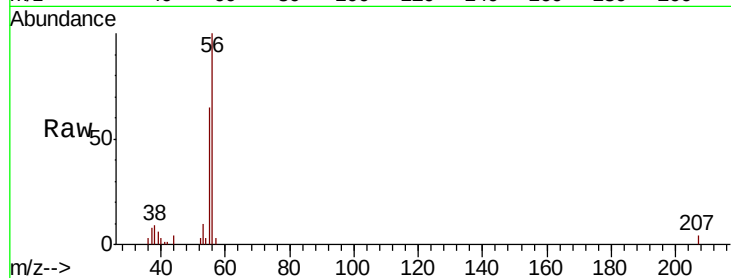
#13
Acrolein
Concen: 128.668 ug/l
RT: 3.74 min Scan# 329
Delta R.T. 0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	56	Resp	13408
Ion Ratio	100	Lower	Upper
55	70.0	54.6	81.8

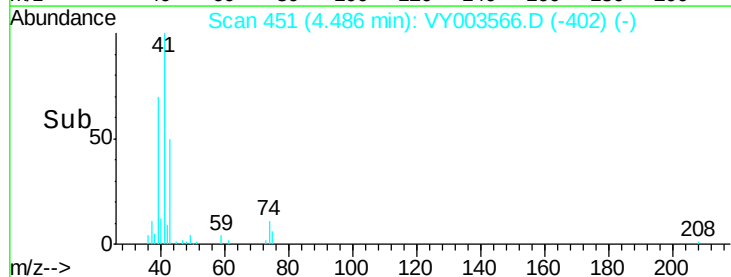
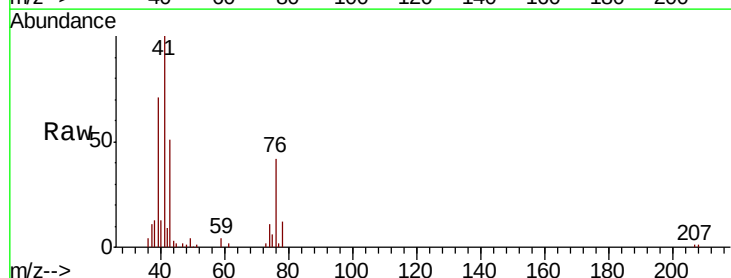
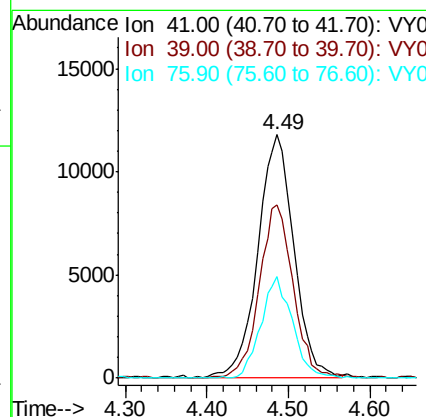
Manual Integrations
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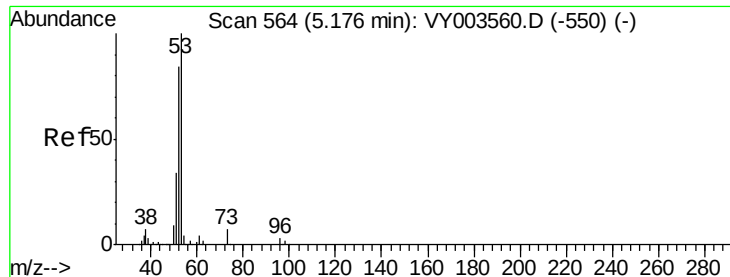
MMDadoda
11/23/2020 1:39:39 PM



#14
Allyl chloride
Concen: 20.941 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	41	Resp	36357
Ion Ratio	100	Lower	Upper
39	67.2	54.2	81.2
76	36.3	28.9	43.3





#15

Acrylonitrile

Concen: 114.234 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

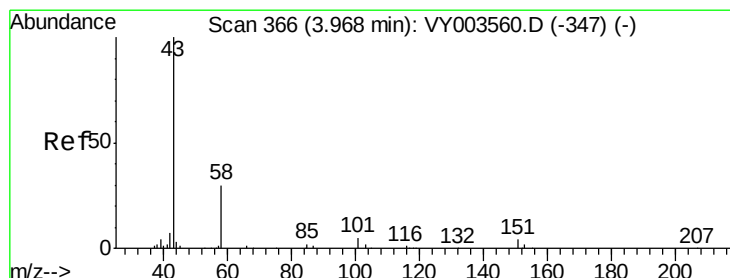
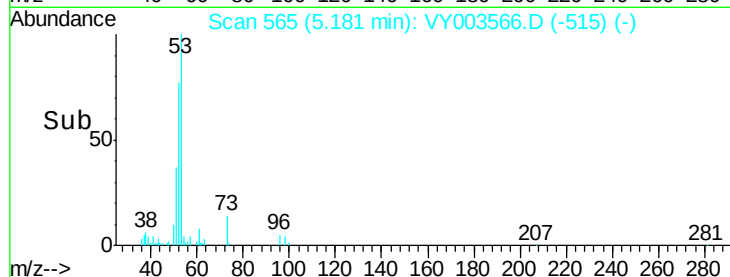
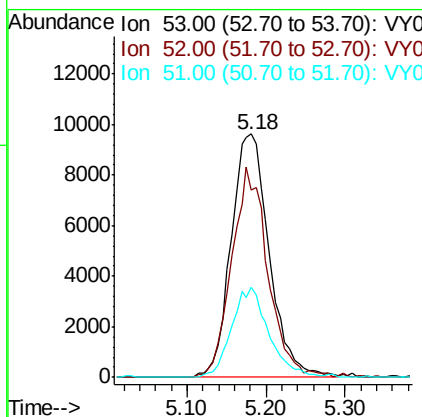
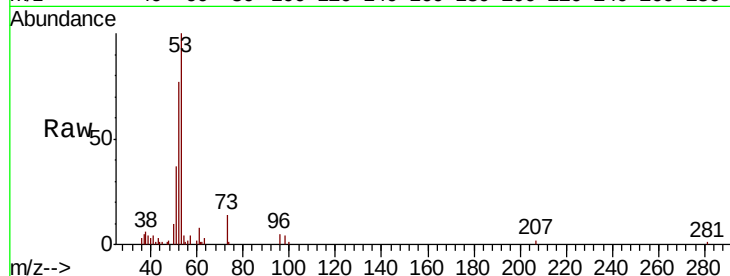
ClientSampleId :

VY1120SBS01

Tot Ion:	53	Resp:	32461
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.4	99.6
51	36.0	29.0	43.4

Manual Integrations
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11/23/2020 1:39:39 PM



#16

Acetone

Concen: 98.746 ug/l

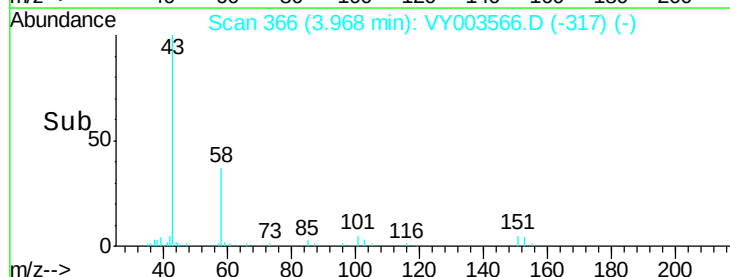
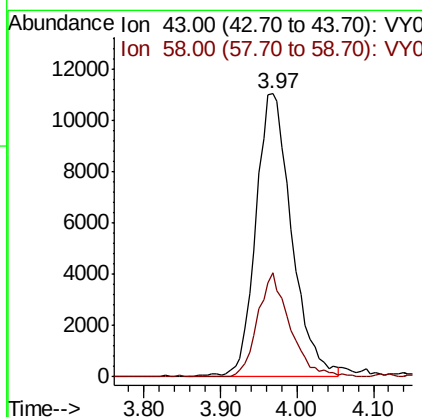
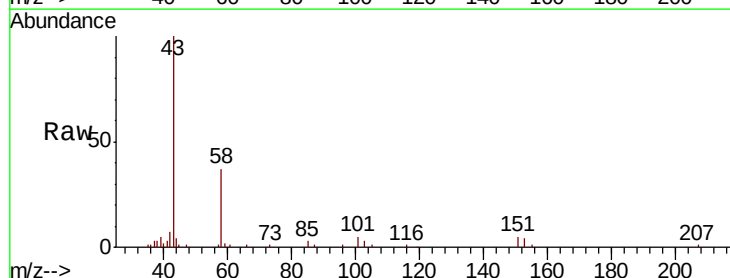
RT: 3.97 min Scan# 366

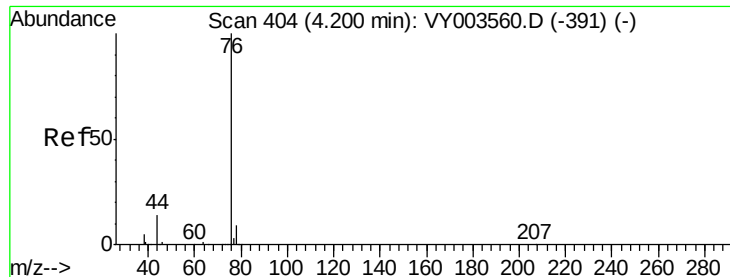
Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion:	43	Resp:	36009
Ion	Ratio	Lower	Upper
43	100		
58	37.0	23.8	35.8#





#17

Carbon Disulfide

Concen: 20.785 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 76 Resp: 61966

Ion Ratio Lower Upper

76 100

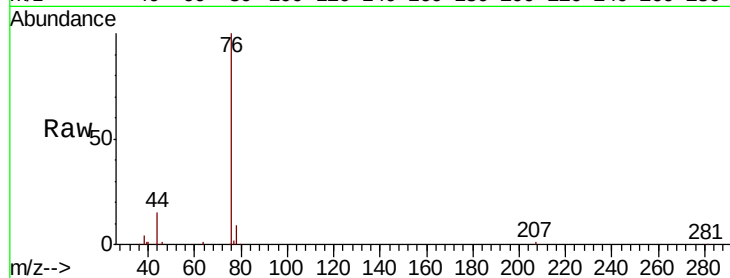
78 8.7 7.1 10.7

Manual Integrations

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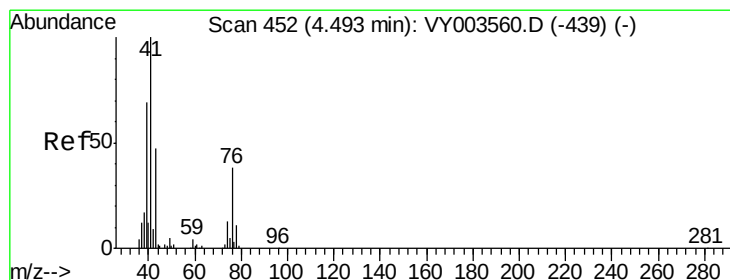
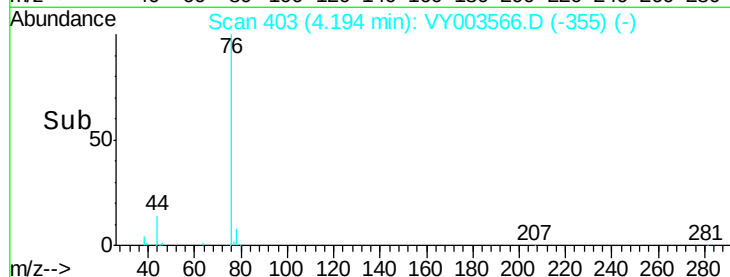
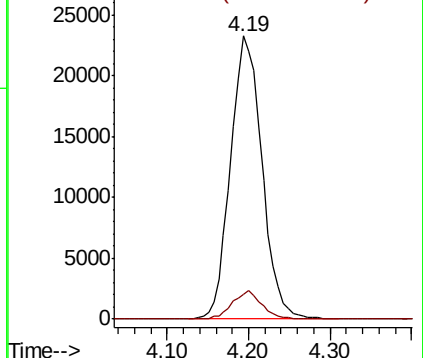
MMDadoda

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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: 22.198 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003566.D

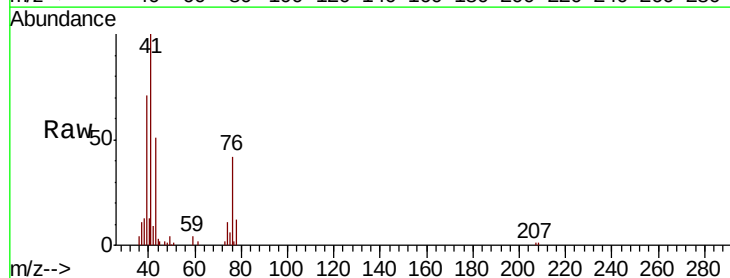
Acq: 20 Nov 2020 14:42

Tgt Ion: 43 Resp: 17610

Ion Ratio Lower Upper

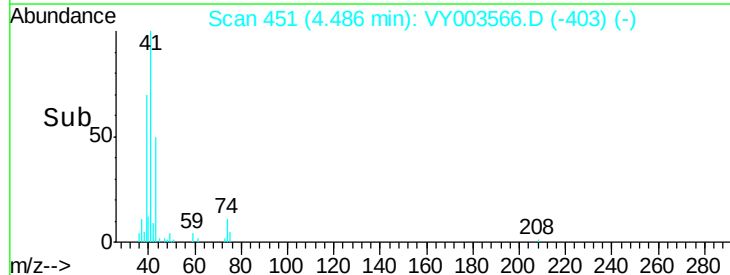
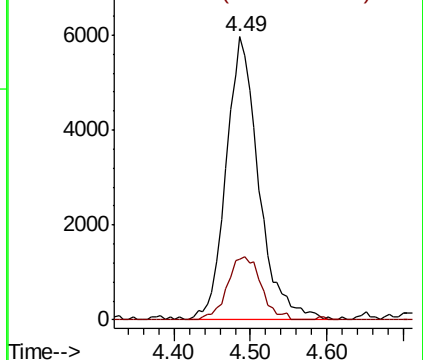
43 100

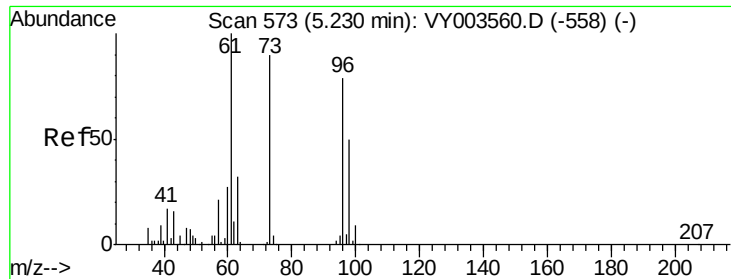
74 23.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





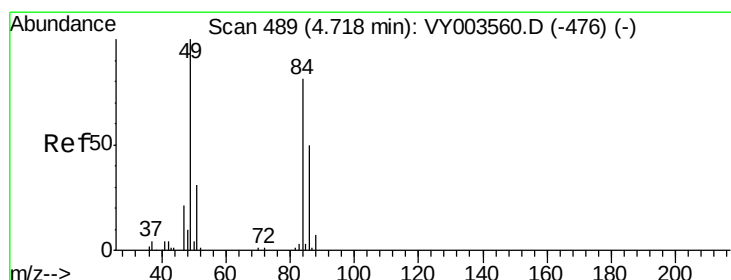
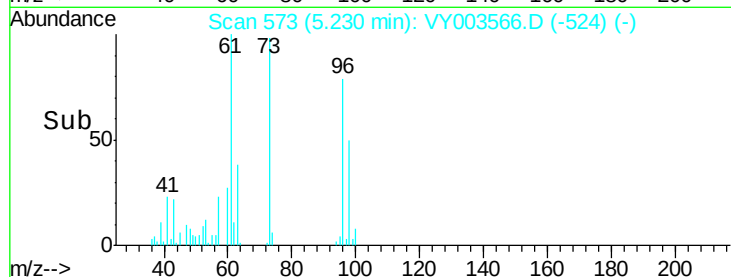
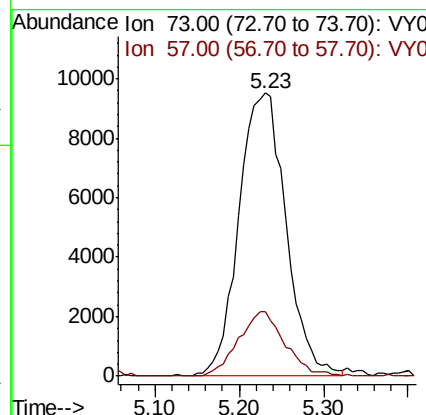
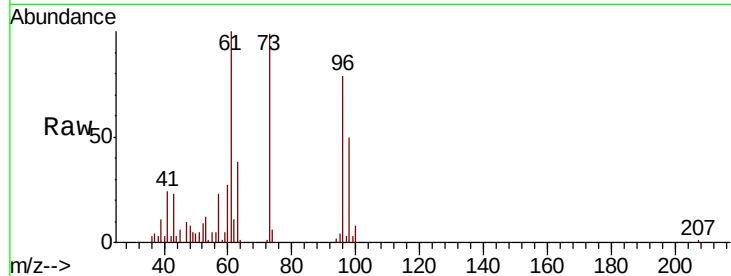
#19
Methyl tert-butyl Ether
Concen: 23.587 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.2	27.2

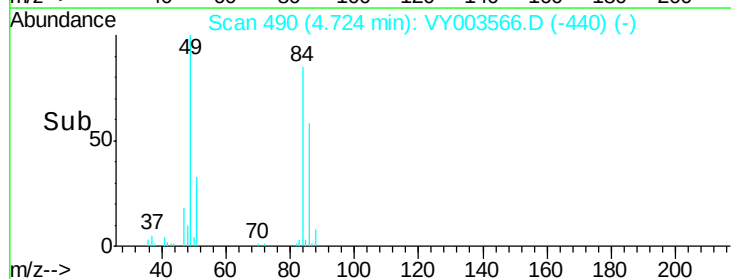
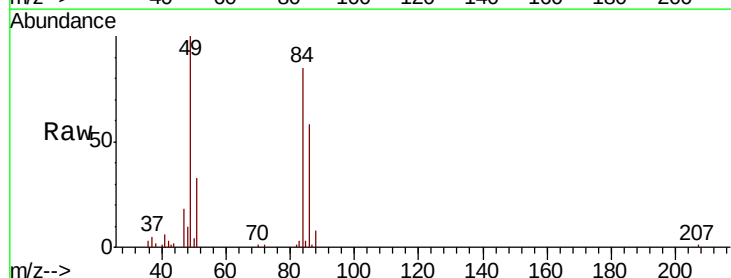
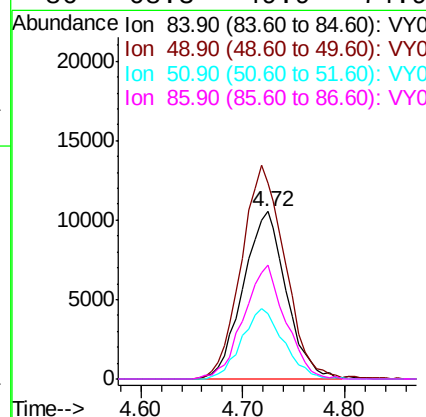
Manual Integrations
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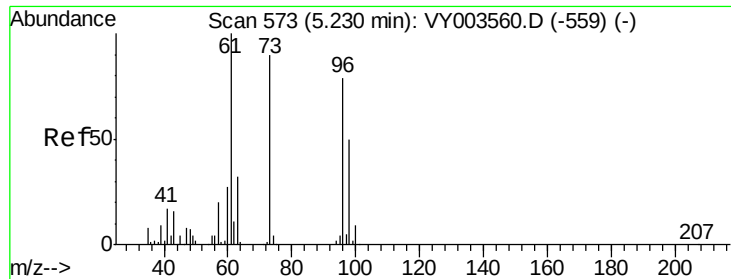
MMDadoda
11/23/2020 1:39:39 PM



#20
Methylene Chloride
Concen: 23.874 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.2	99.0	148.6
51	38.9	30.5	45.7
86	68.3	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 20.994 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

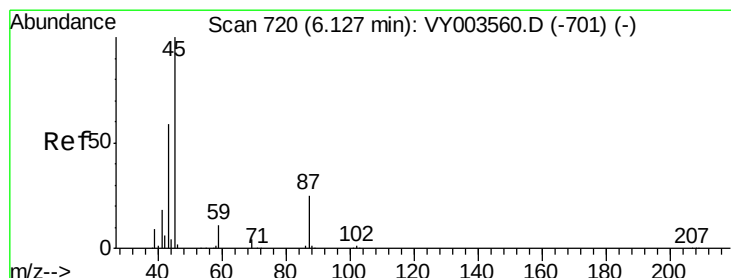
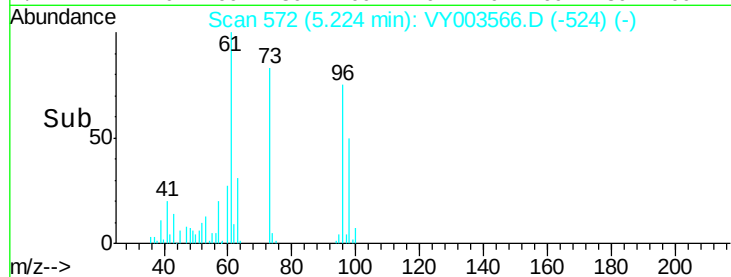
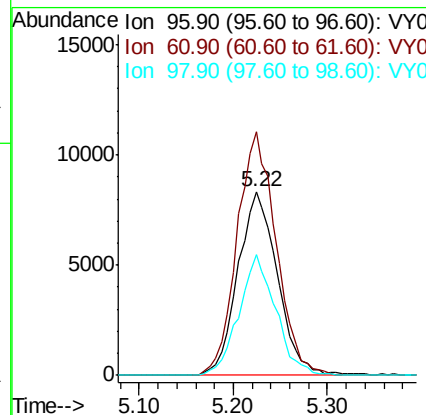
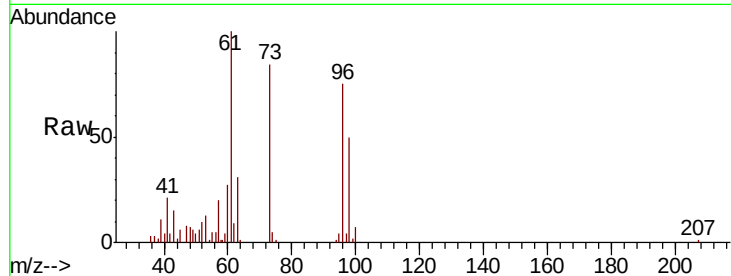
ClientSampleId :

VY1120SBS01

Tot Ion:	96	Resp:	24310
Ion	Ratio	Lower	Upper
96	100		
61	132.7	101.0	151.4
98	65.8	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.664 ug/l

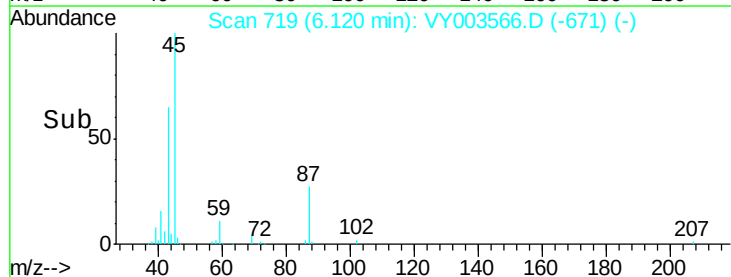
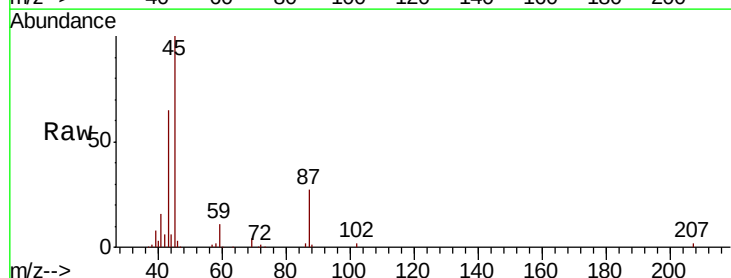
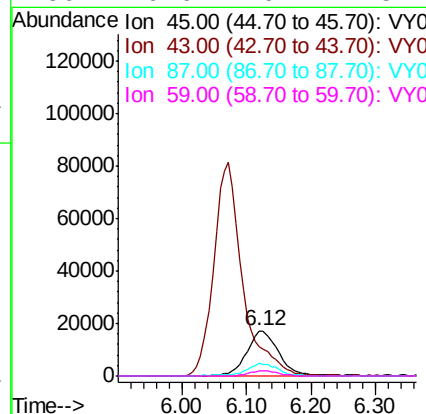
RT: 6.12 min Scan# 719

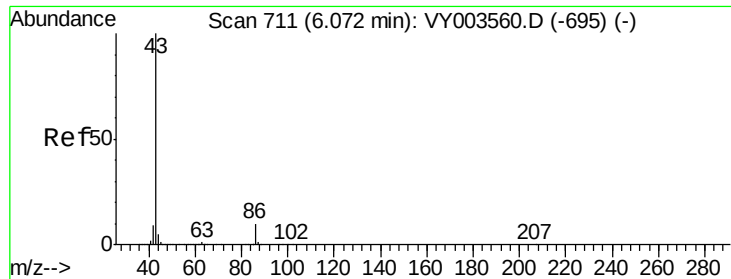
Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion:	45	Resp:	58517
Ion	Ratio	Lower	Upper
45	100		
43	63.3	48.1	72.1
87	26.2	20.3	30.5
59	10.6	9.1	13.7





#23

Vinyl Acetate

Concen: 110.302 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 43 Resp: 255141

Ion Ratio Lower Upper

43 100

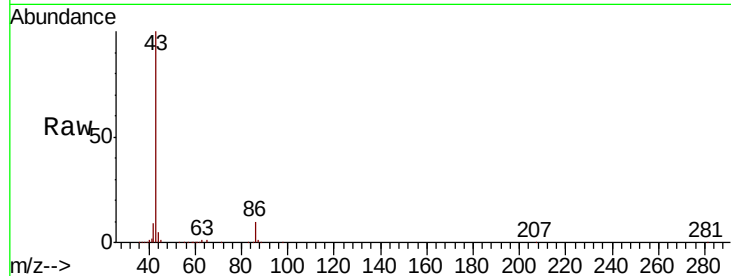
86 9.7 8.0 12.0

Manual Integrations

APPROVED

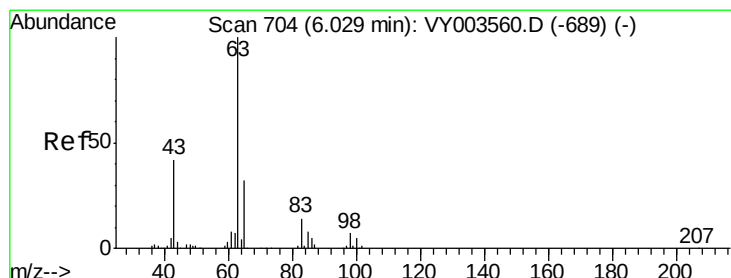
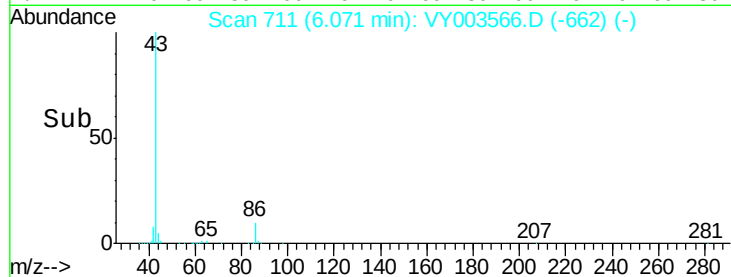
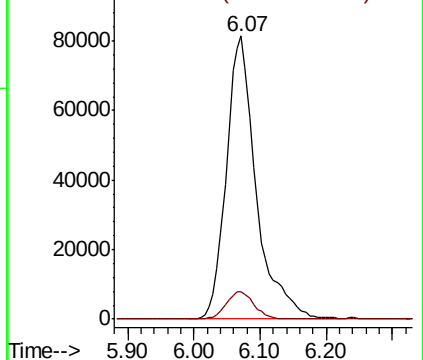
MMDadoda

11/23/2020 1:39:39 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 20.705 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

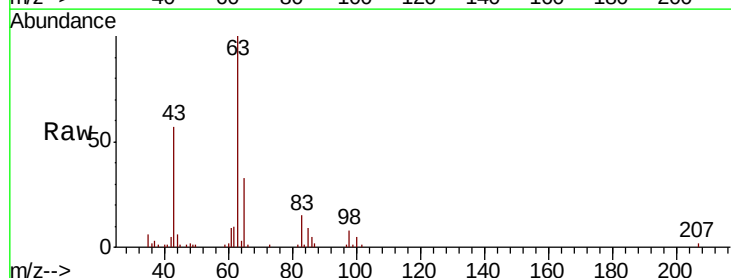
Tgt Ion: 63 Resp: 41011

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.2

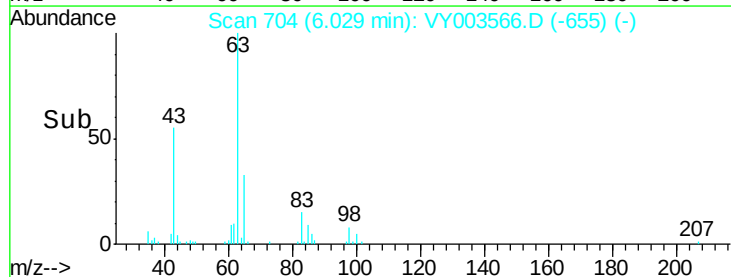
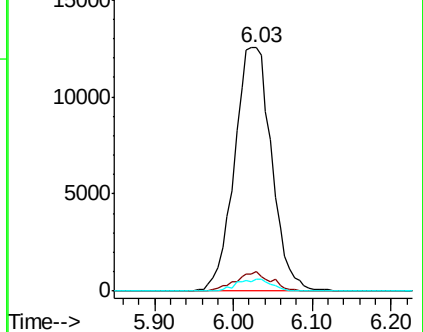
100 5.0 2.5 7.4

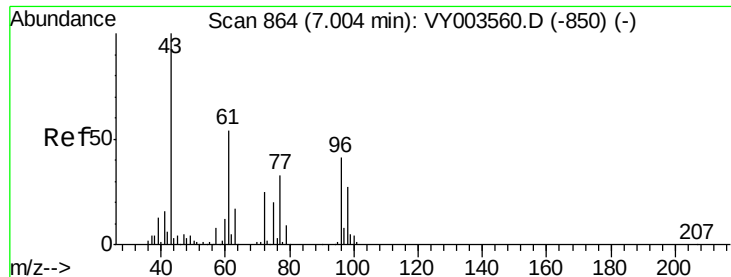


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 105.129 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 43 Resp: 49745

Ion Ratio Lower Upper

43 100

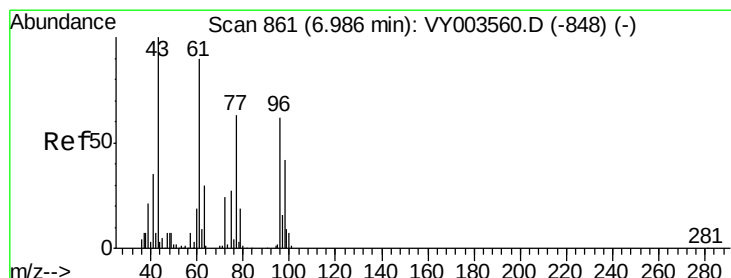
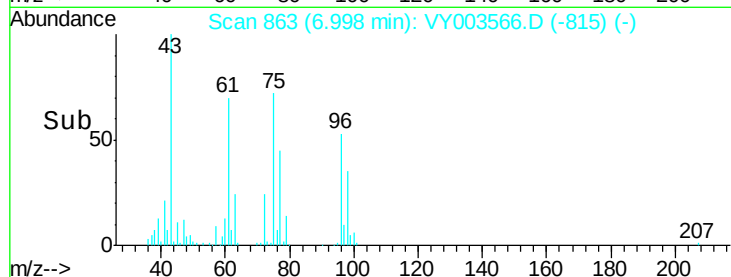
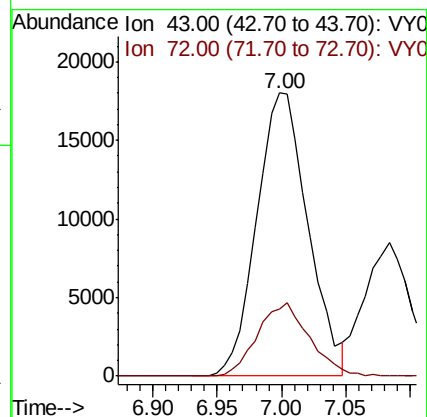
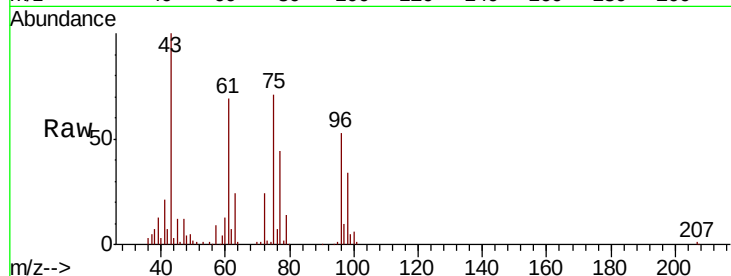
72 23.8 19.8 29.8

Manual Integrations

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11/23/2020 1:39:39 PM



#26

2,2-Dichloropropane

Concen: 21.554 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.00 min

Lab File: VY003566.D

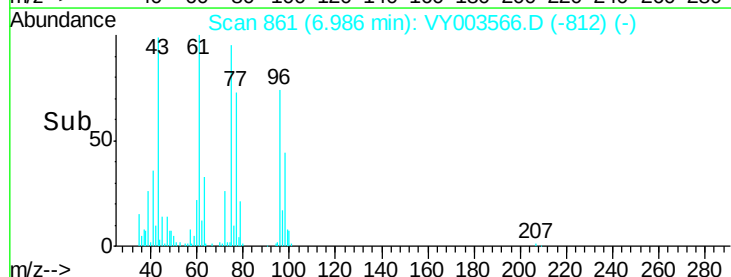
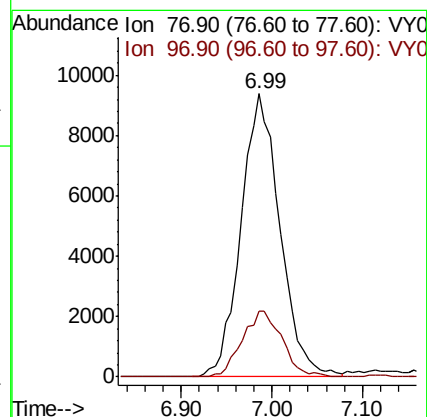
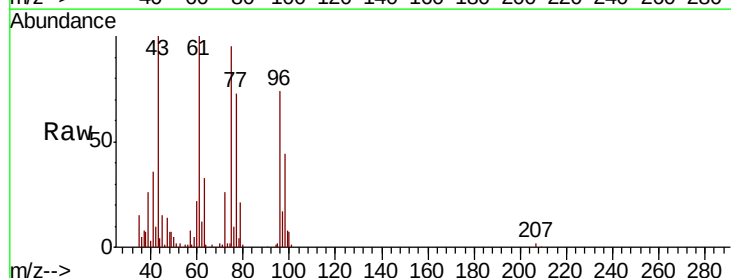
Acq: 20 Nov 2020 14:42

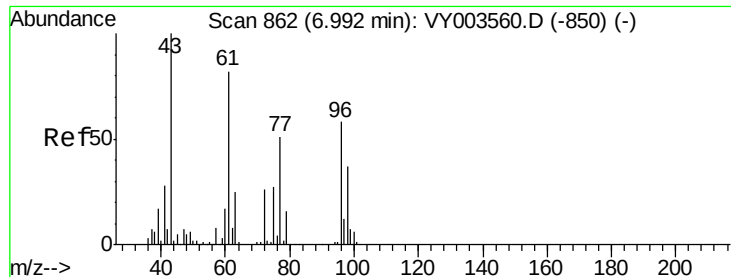
Tgt Ion: 77 Resp: 27918

Ion Ratio Lower Upper

77 100

97 23.7 12.2 36.6





#27

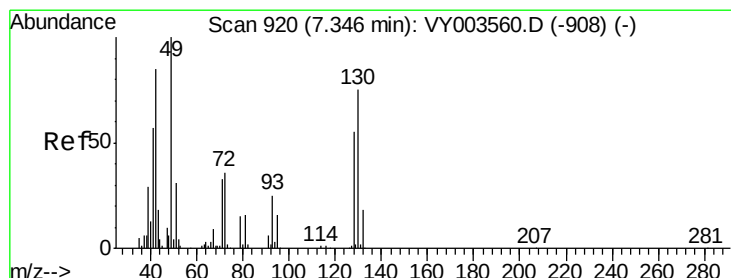
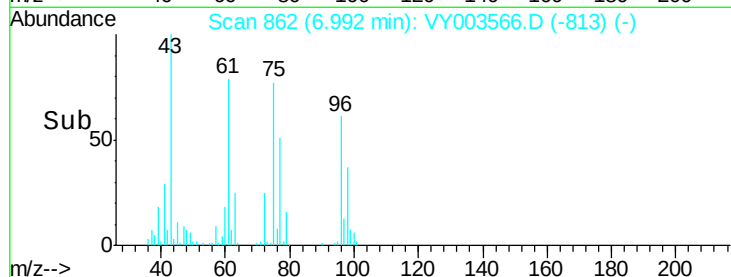
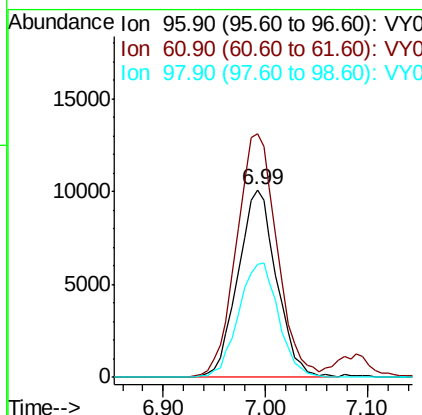
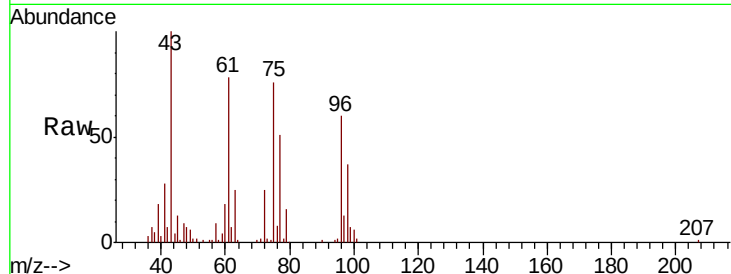
cis-1,2-Dichloroethene
Concen: 21.154 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	274.6
98	63.2	0.0	130.6

Manual Integrations
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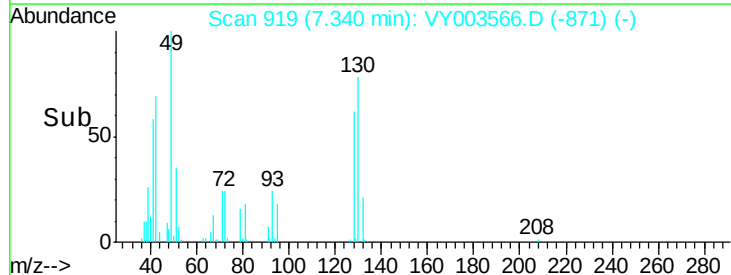
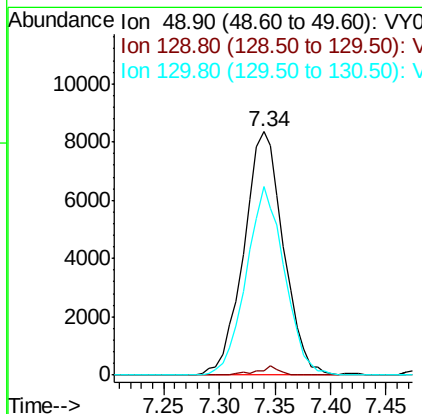
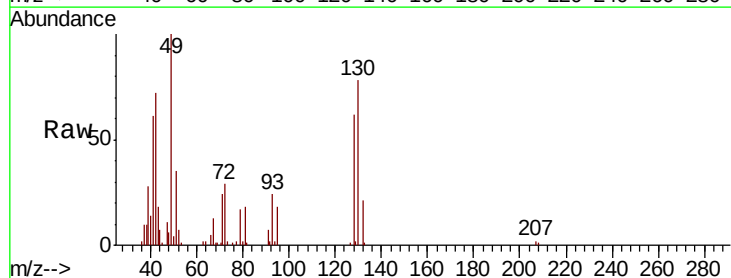
MMDadoda
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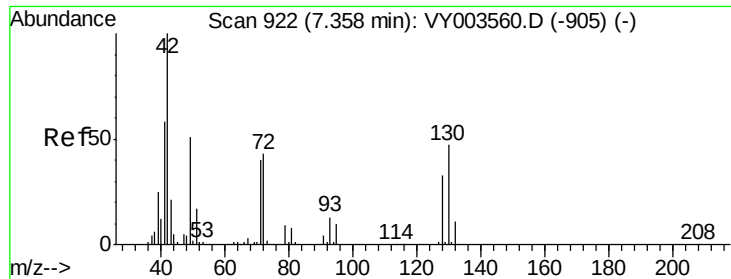


#28

Bromochloromethane
Concen: 21.355 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	74.8	61.0	91.6





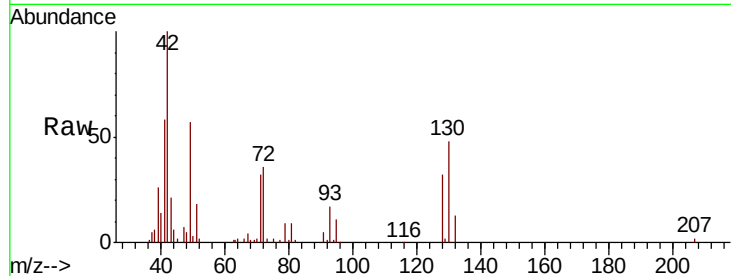
#29
Tetrahydrofuran
Concen: 115.932 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

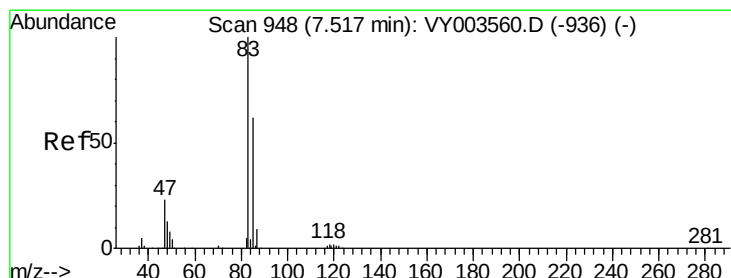
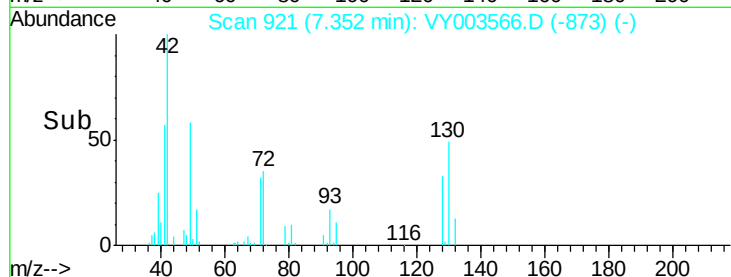
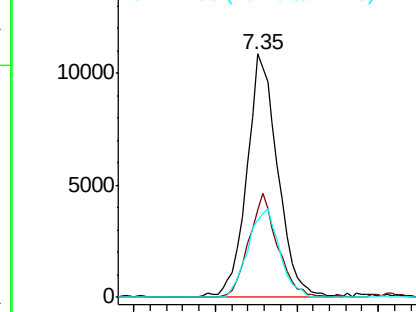
Tot Ion:	42	Resp:	28738
Ion Ratio	Lower	Upper	
42	100		
72	39.4	32.6	49.0
71	36.8	30.2	45.2

Manual Integrations
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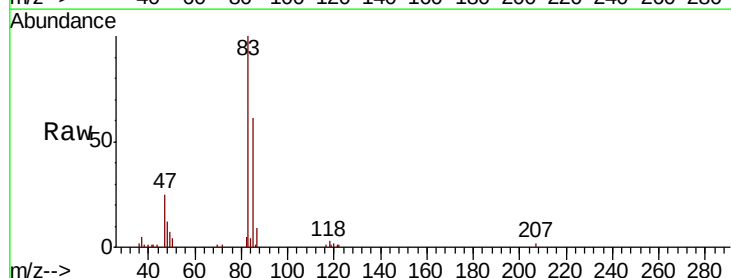


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

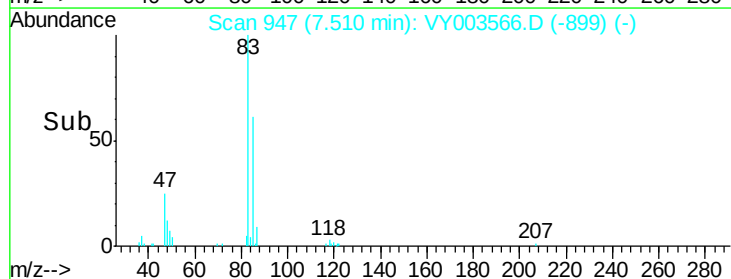
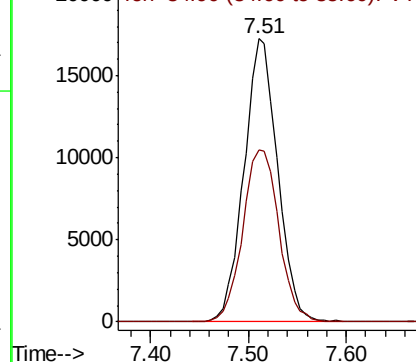


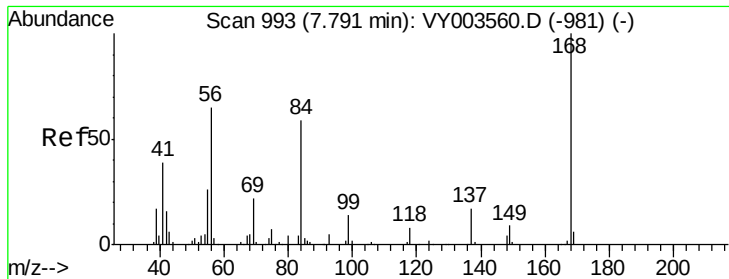
#30
Chloroform
Concen: 20.837 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:	83	Resp:	41186
Ion Ratio	Lower	Upper	
83	100		
85	60.6	49.6	74.4



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





#31

Cyclohexane

Concen: 19.109 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 56 Resp: 30171

Ion Ratio Lower Upper

56 100

69 38.9 27.0 40.6

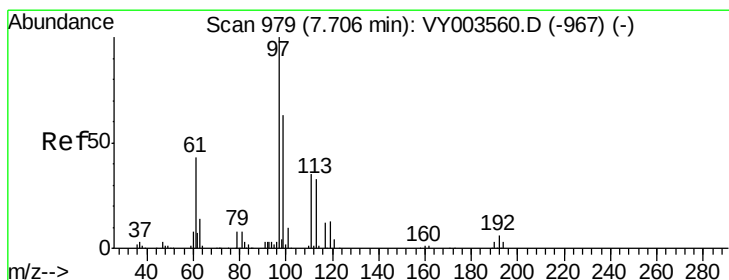
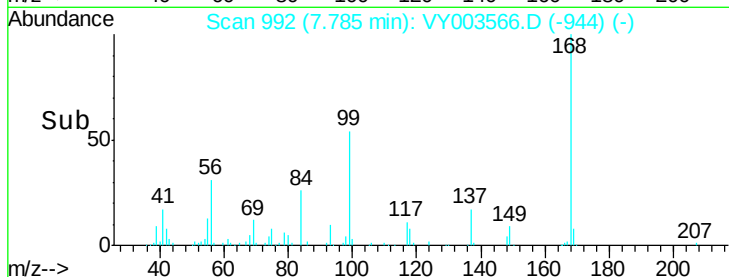
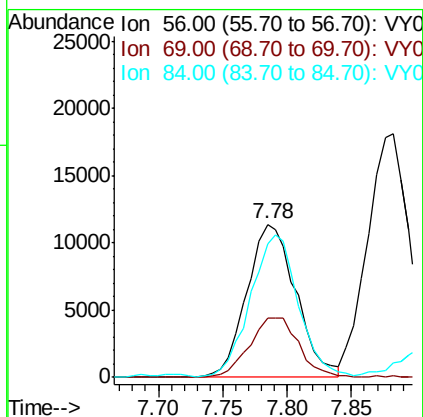
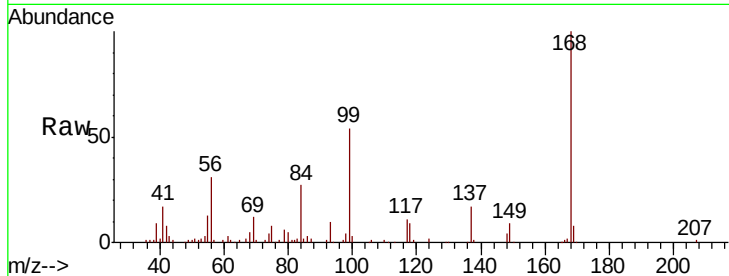
84 86.7 71.8 107.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.635 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

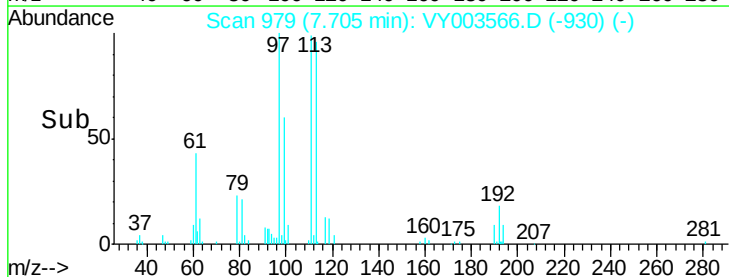
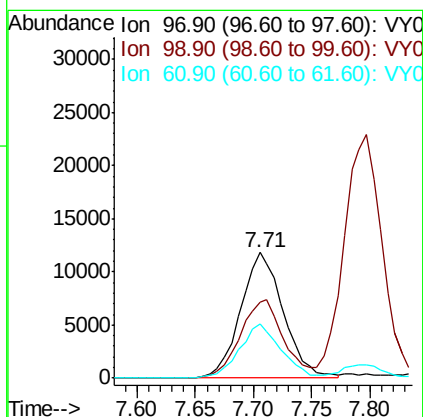
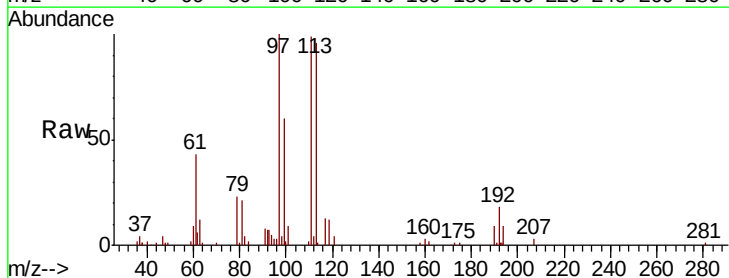
Tgt Ion: 97 Resp: 29990

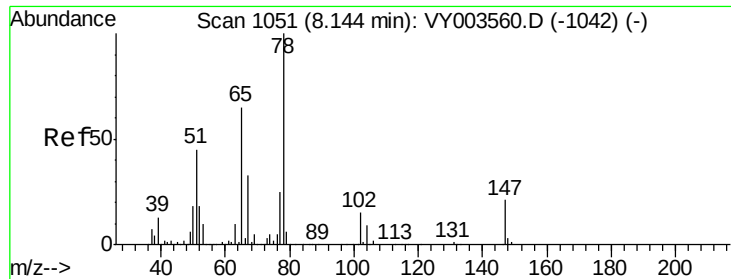
Ion Ratio Lower Upper

97 100

99 62.9 50.2 75.2

61 42.0 34.1 51.1





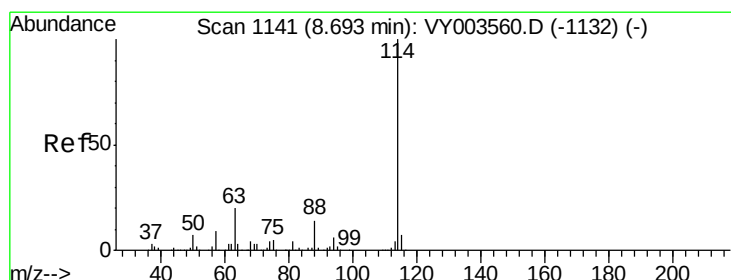
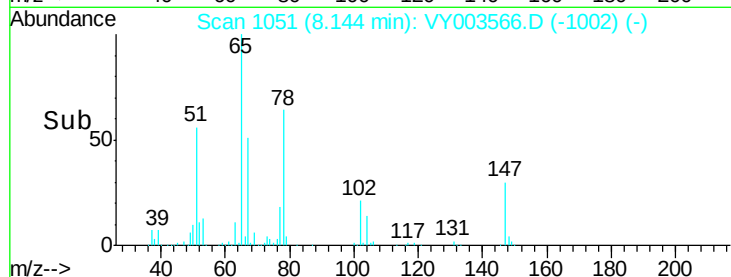
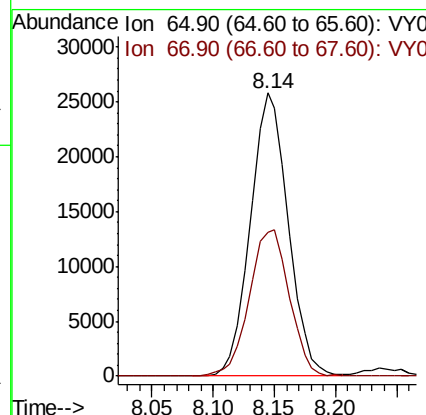
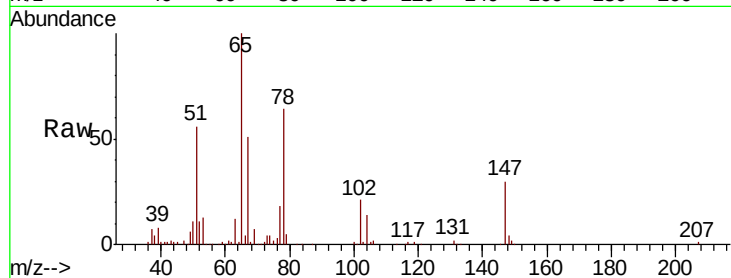
#33
 1,2-Dichloroethane-d4
 Concen: 50.935 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion: 65 Resp: 55629
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.2

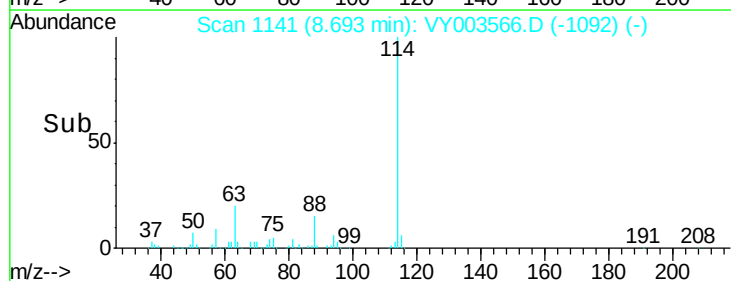
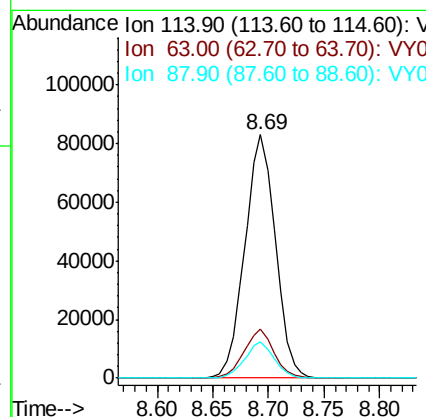
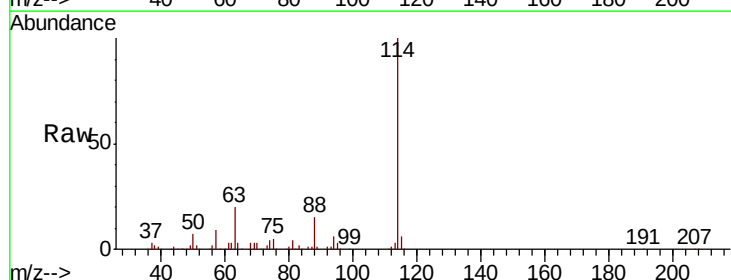
Manual Integrations
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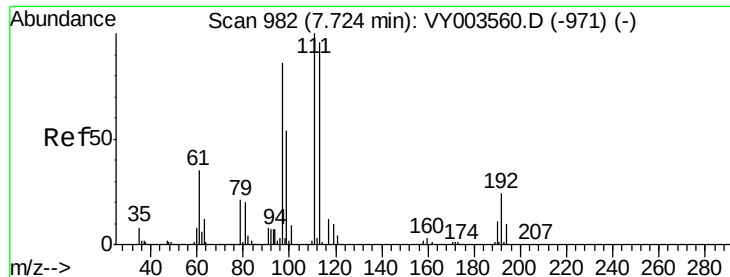
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion: 114 Resp: 158614
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.8
 88 15.1 0.0 29.0





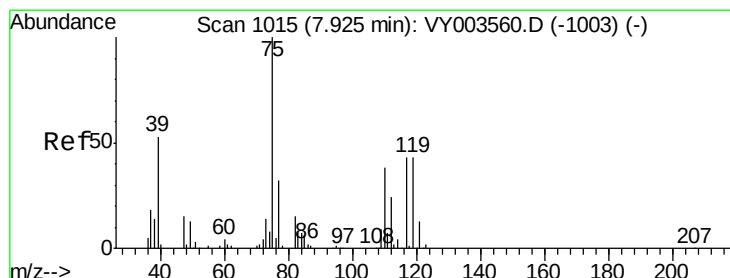
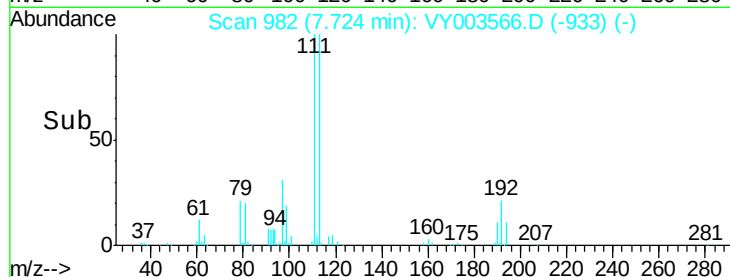
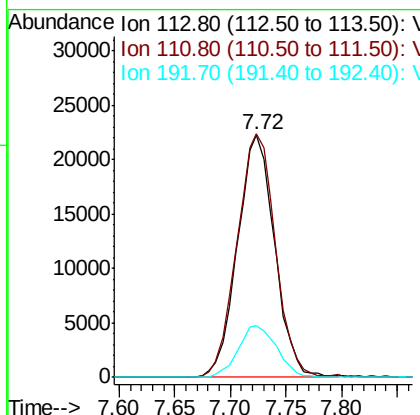
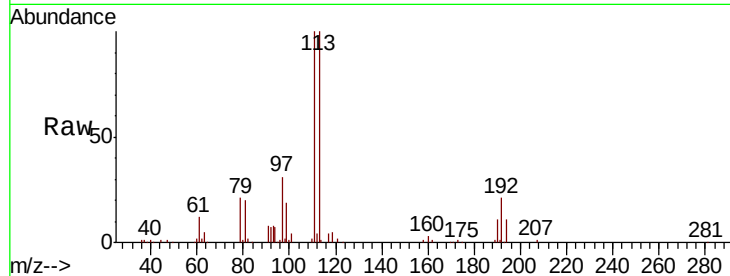
#35
Dibromofluoromethane
Concen: 49.377 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.4	122.0
192	22.1	18.1	27.1

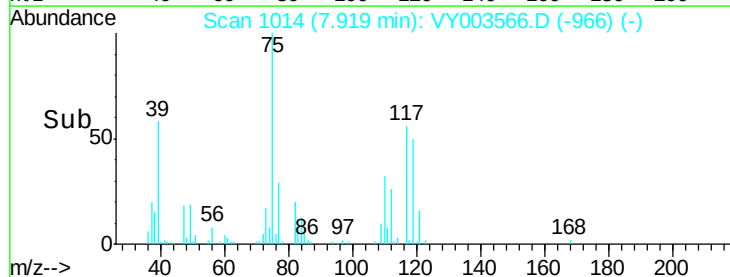
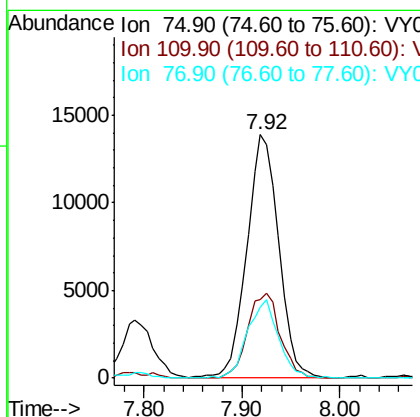
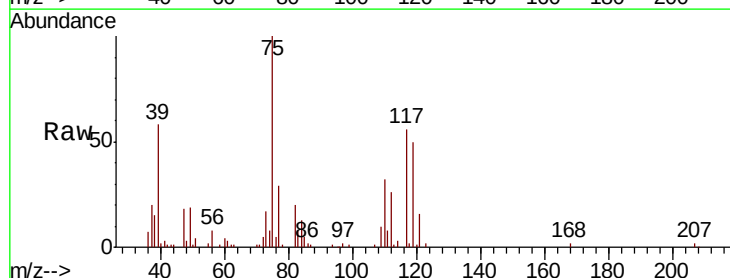
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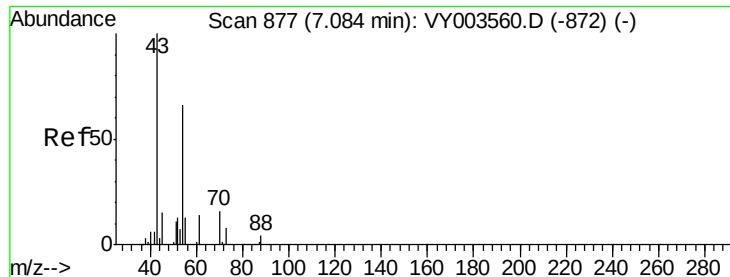
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#36
1,1-Dichloropropene
Concen: 20.167 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.7	56.1
77	31.4	25.4	38.2





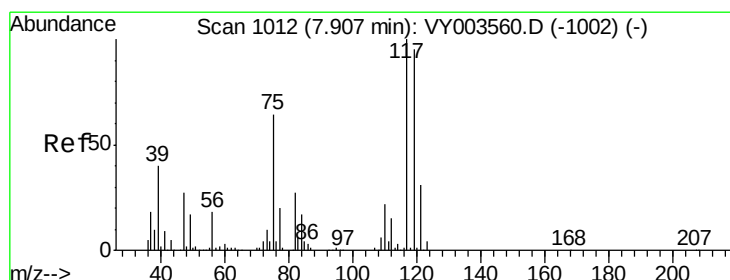
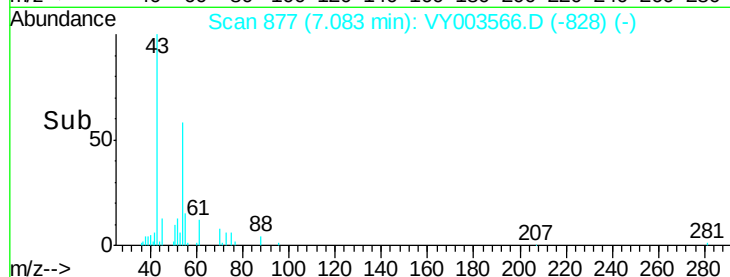
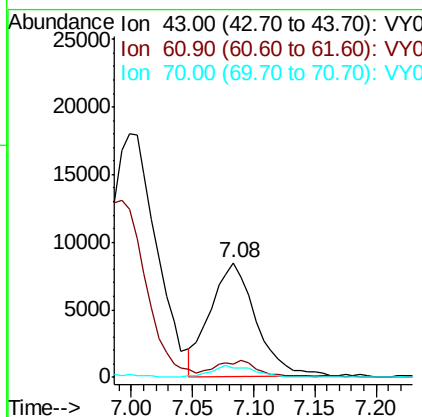
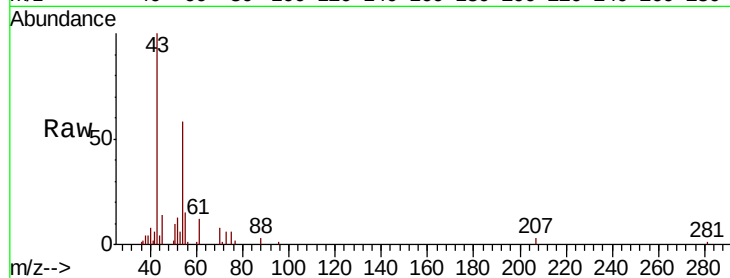
#37
Ethyl Acetate
Concen: 23.337 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	10.3	15.5
70	9.6	7.5	11.3

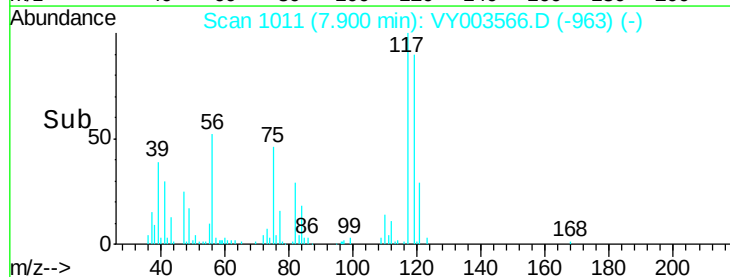
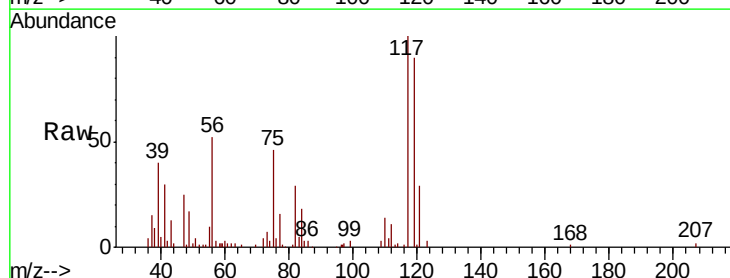
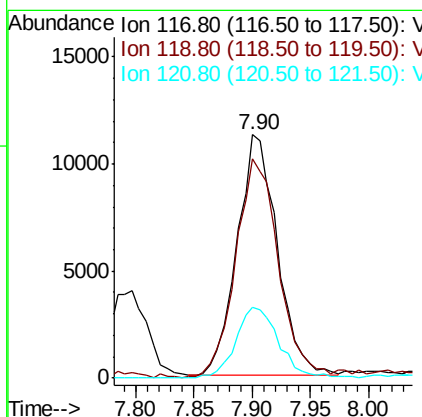
Manual Integrations
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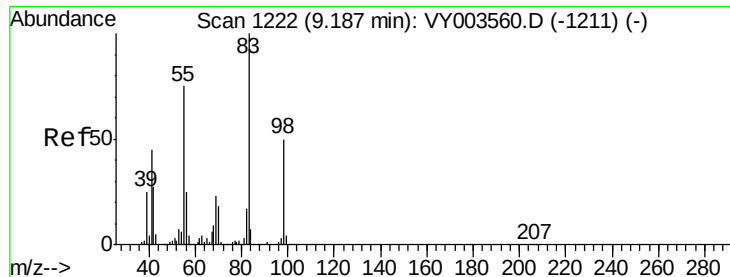
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#38
Carbon Tetrachloride
Concen: 18.803 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.3	114.5
121	29.2	25.1	37.7





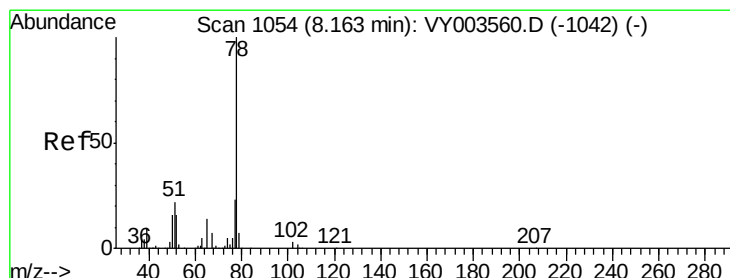
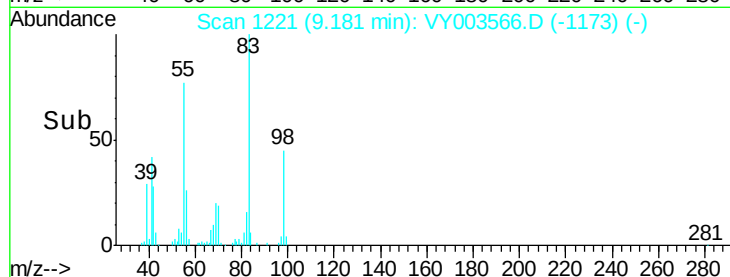
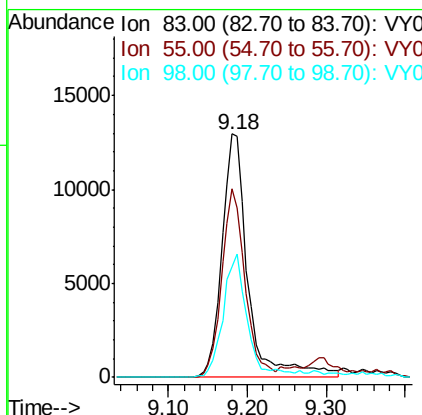
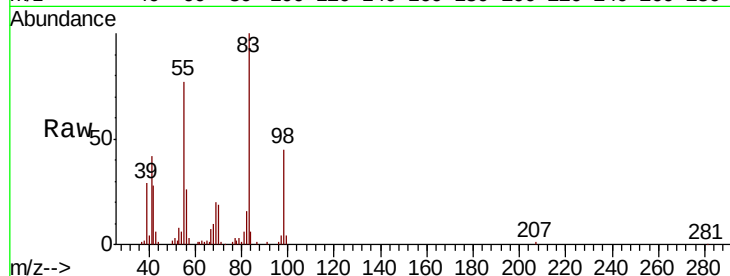
#39
Methylvlcyclohexane
Concen: 18.773 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	83	Resp	29792
Ion	Ratio	Lower	Upper
83	100		
55	77.3	60.2	90.4
98	45.4	40.3	60.5

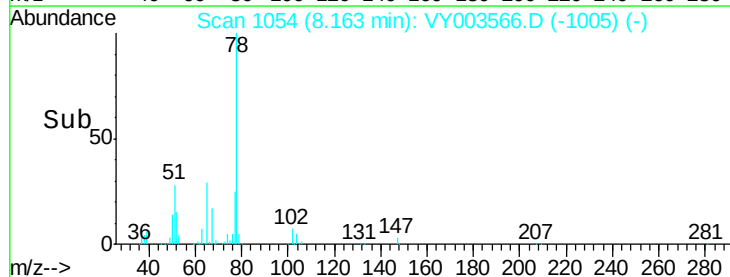
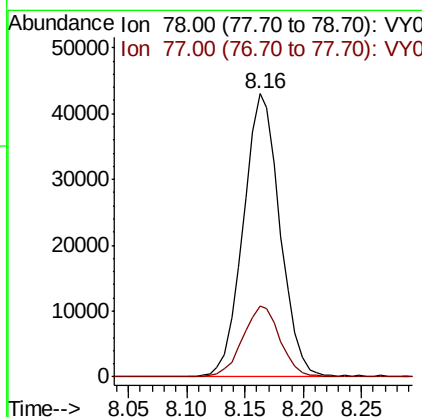
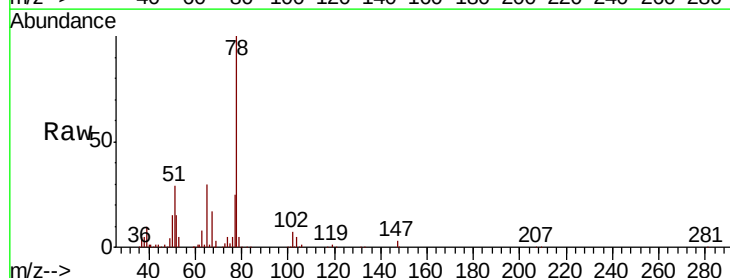
Manual Integrations
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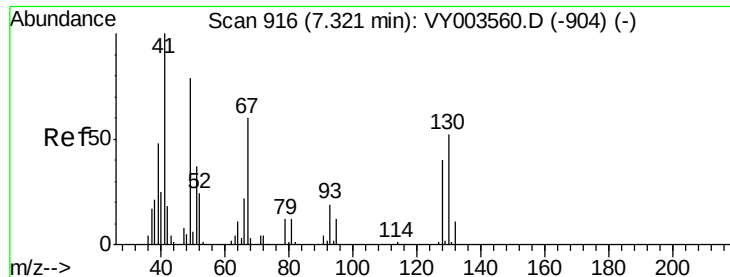
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11/23/2020 1:39:39 PM



#40
Benzene
Concen: 20.433 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	78	Resp	94585
Ion	Ratio	Lower	Upper
78	100		
77	25.1	18.6	28.0





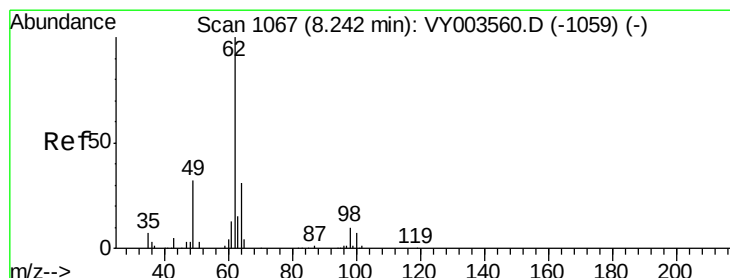
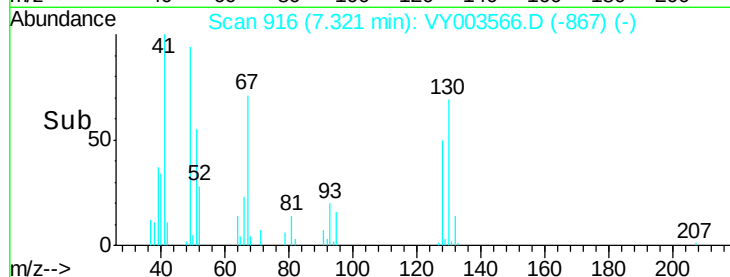
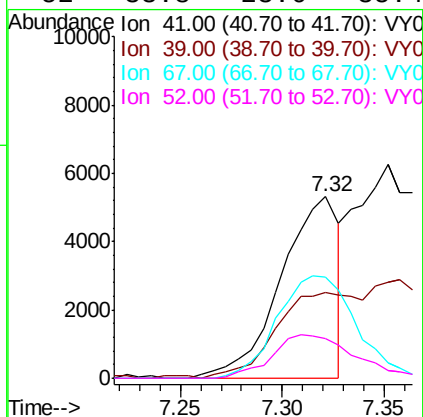
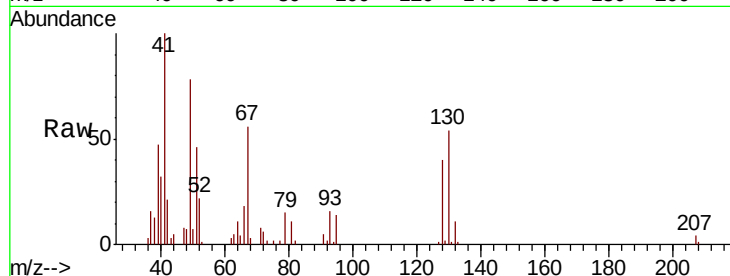
#41
Methacrylonitrile
Concen: 18.967 ug/l
RT: 7.32 min Scan# 916
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.5	41.4	62.0#
67	75.7	57.2	85.8
52	33.8	23.6	35.4

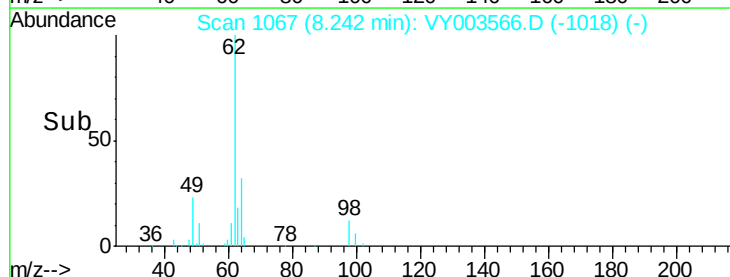
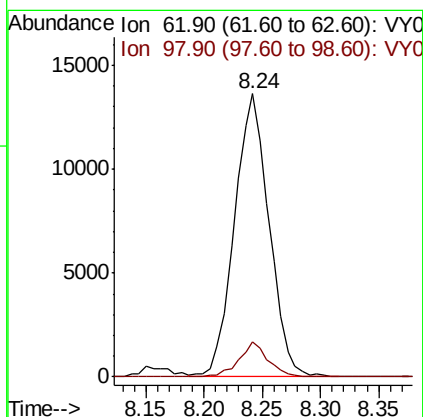
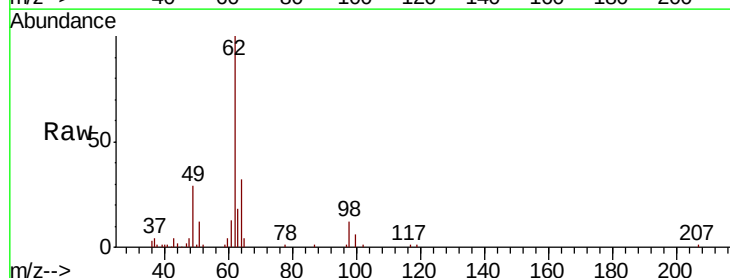
Manual Integrations
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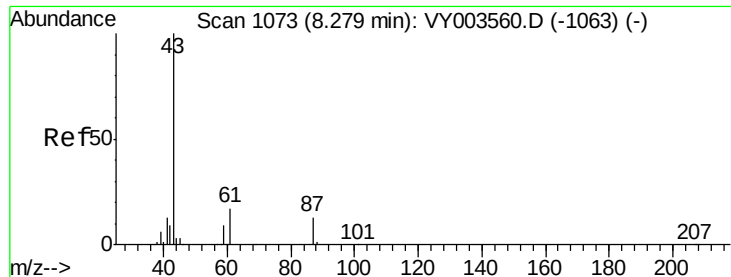
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#42
1,2-Dichloroethane
Concen: 21.468 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





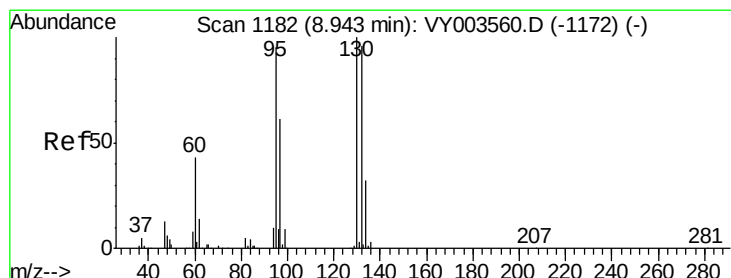
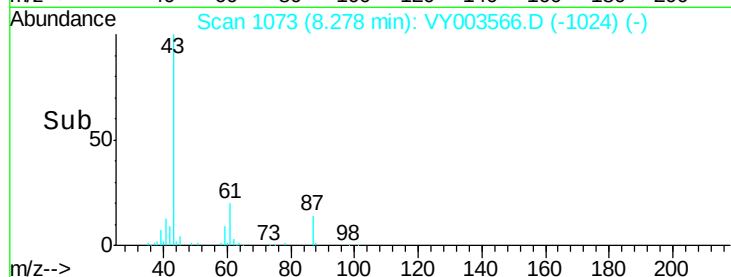
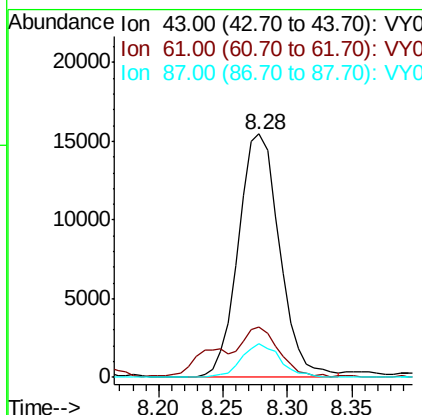
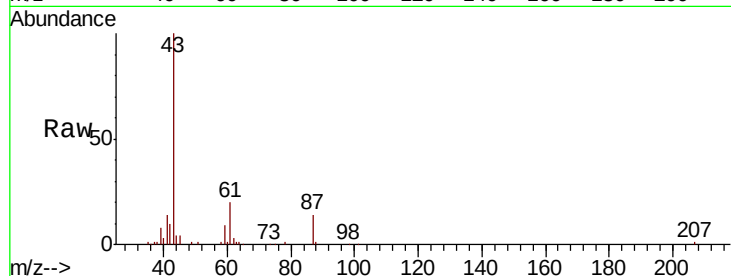
#43
Isopropyl Acetate
Concen: 19.915 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	21.4	32.0#
87	13.1	10.7	16.1

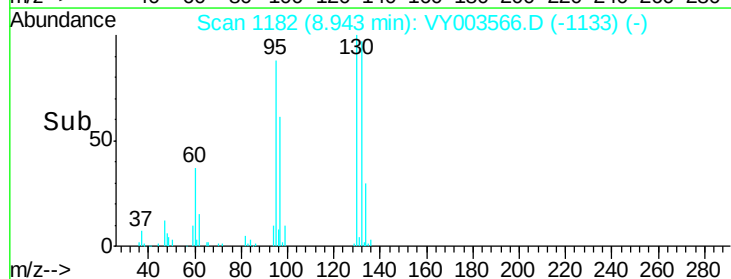
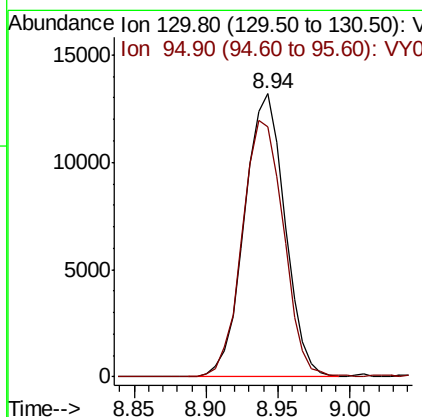
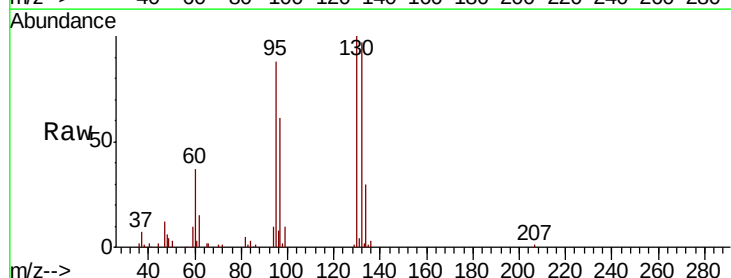
Manual Integrations
APPROVED

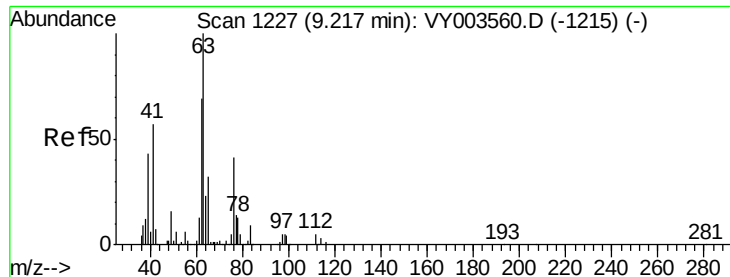
MMDadoda
11/23/2020 1:39:39 PM



#44
Trichloroethene
Concen: 20.355 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	189.2





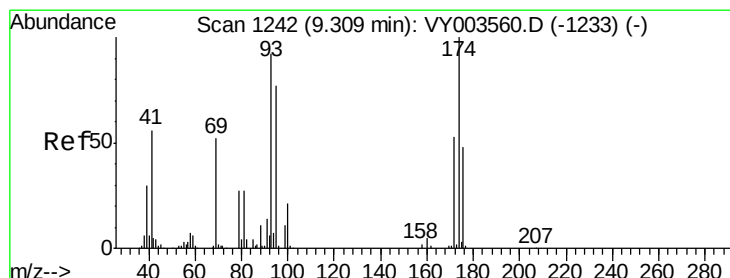
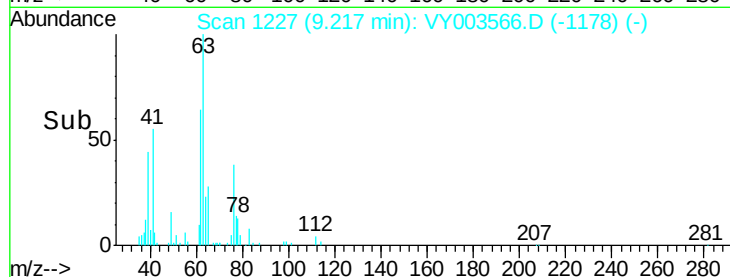
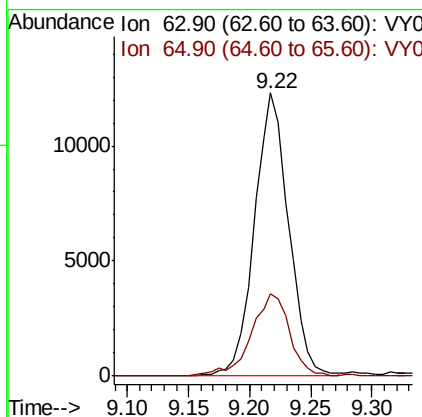
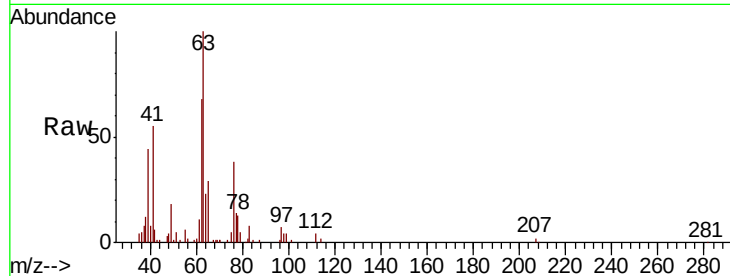
#45
 1,2-Dichloropropane
 Concen: 20.858 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.2	25.7	38.5

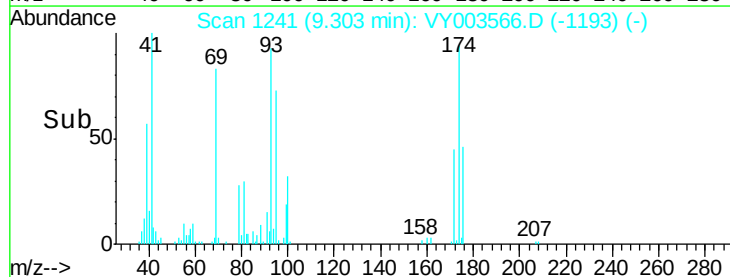
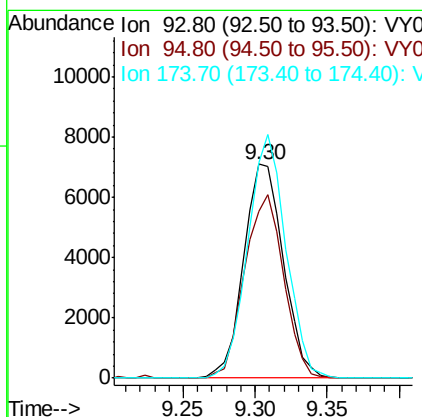
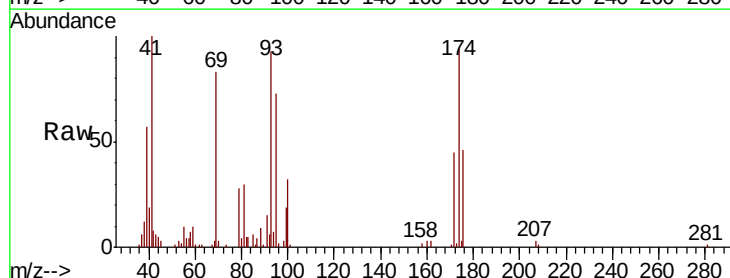
Manual Integrations
 APPROVED

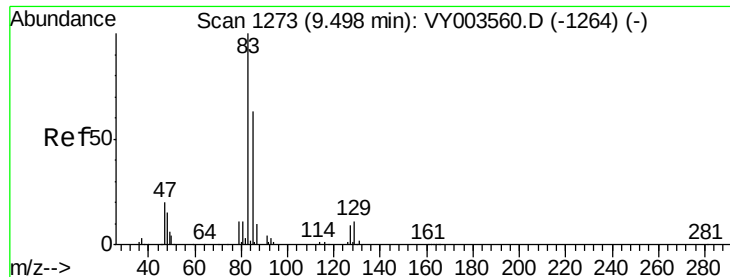
MMDadoda
 11/23/2020 1:39:39 PM



#46
 Dibromomethane
 Concen: 20.717 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. -0.01 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	65.9	98.9
174	109.1	86.8	130.2





#47

Bromodichloromethane

Concen: 20.793 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

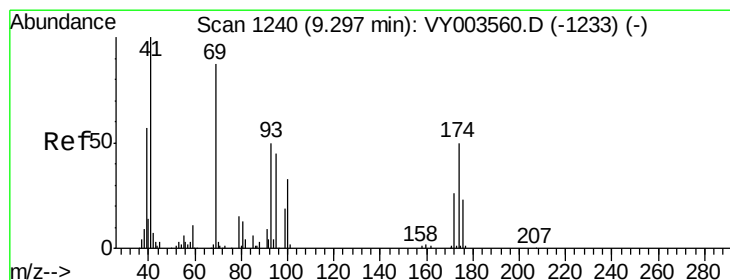
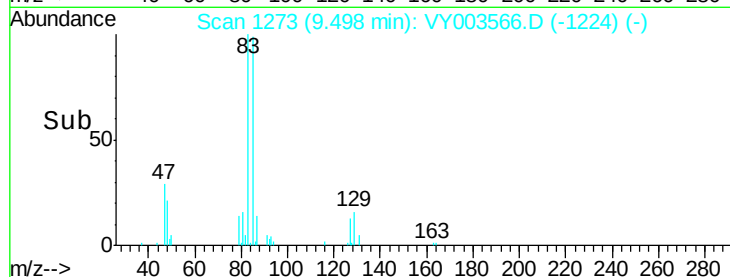
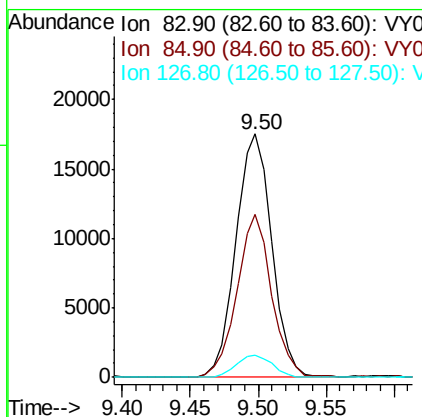
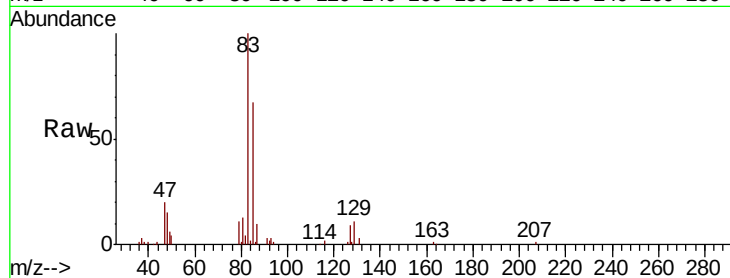
ClientSampleId :

VY1120SBS01

Tot Ion:	83	Resp:	32273
Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.7	76.1
127	8.9	7.0	10.4

Manual Integrations
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MMDadoda
11/23/2020 1:39:39 PM



#48

Methyl methacrylate

Concen: 22.342 ug/l

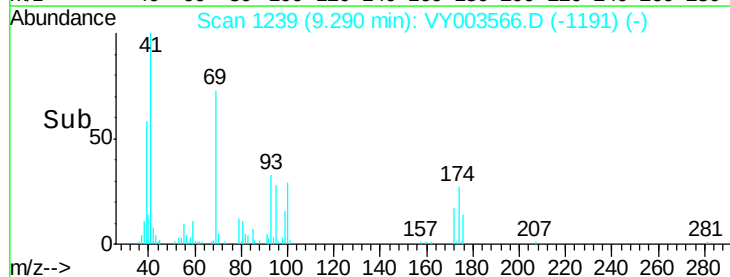
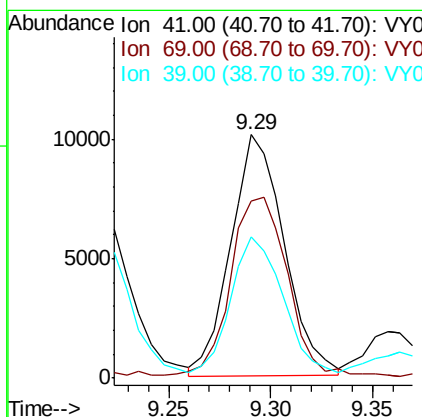
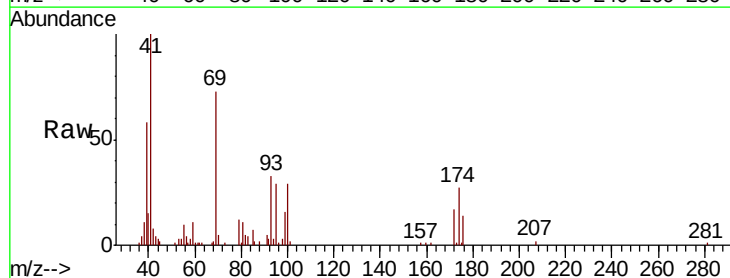
RT: 9.29 min Scan# 1239

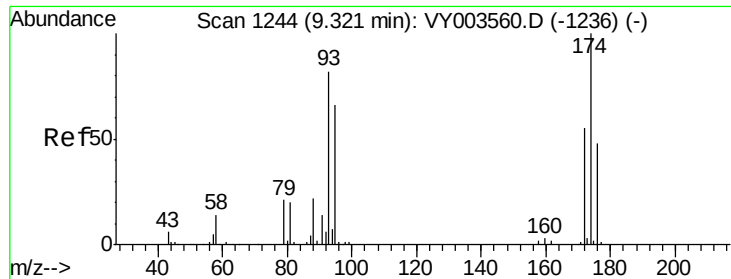
Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion:	41	Resp:	18479
Ion	Ratio	Lower	Upper
41	100		
69	78.9	68.6	102.8
39	58.9	48.8	73.2





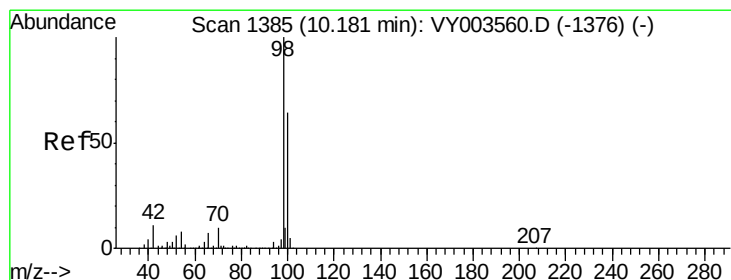
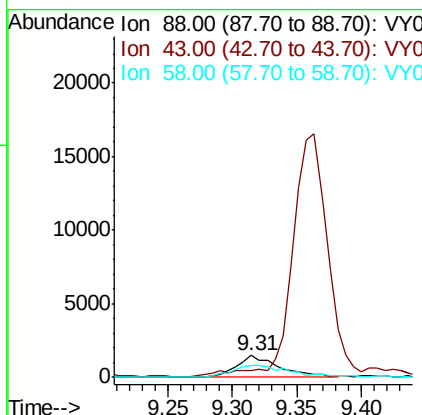
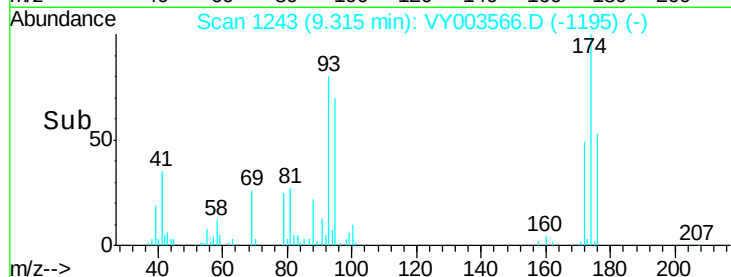
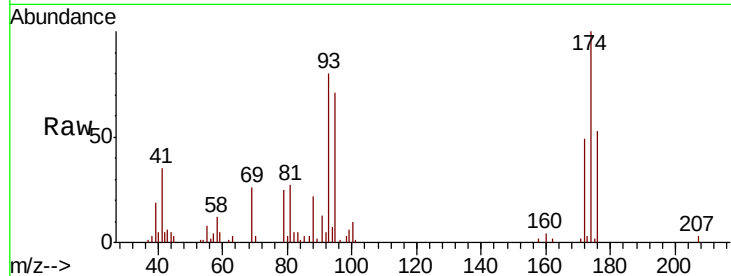
#49
1,4-Dioxane
Concen: 457.578 ug/l
RT: 9.31 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	88	Resp	3426
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	77.5	50.9	76.3#

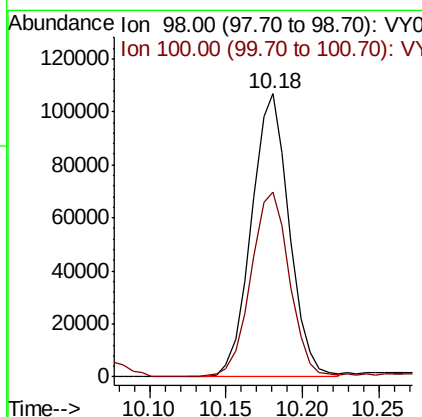
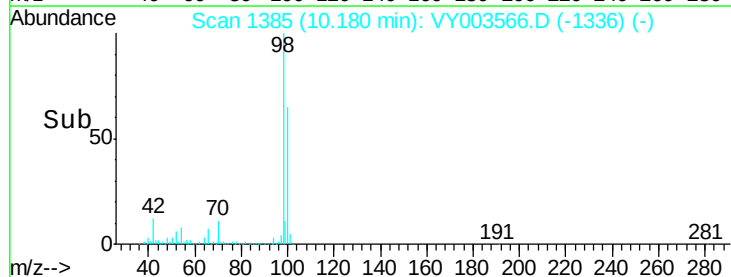
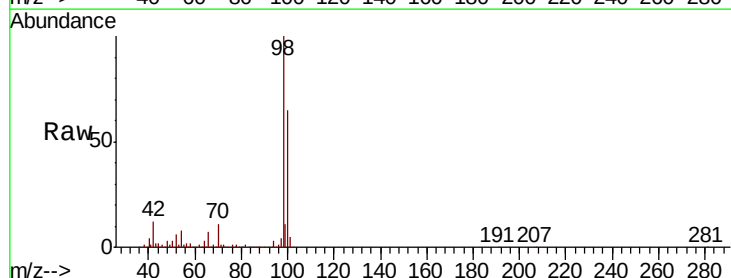
Manual Integrations
APPROVED

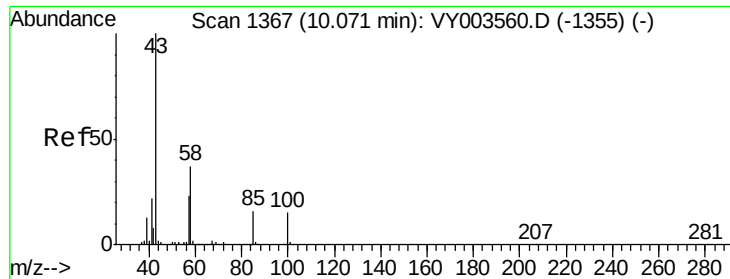
MMDadoda
11/23/2020 1:39:39 PM



#50
Toluene-d8
Concen: 45.244 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	98	Resp	183434
Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.4	77.2





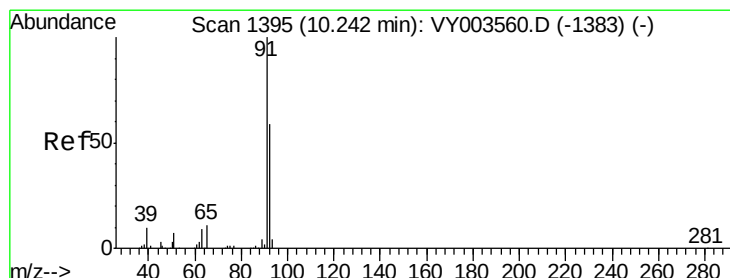
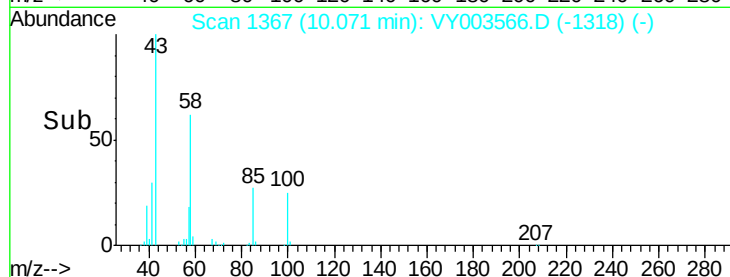
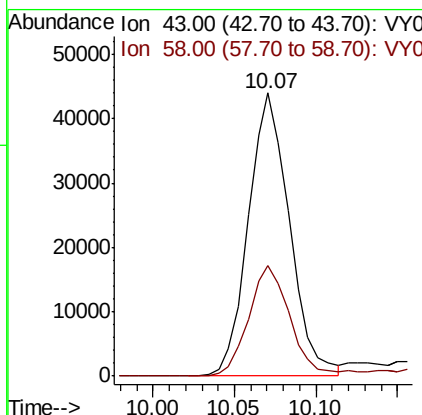
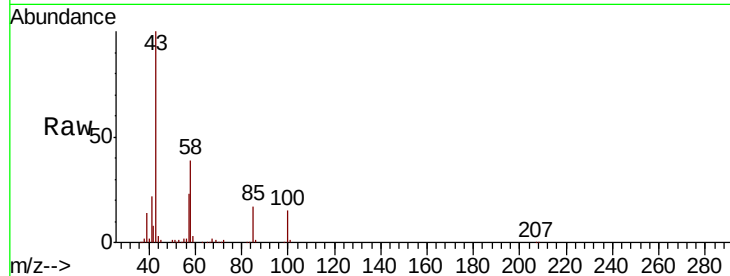
#51
4-Methyl-2-Pentanone
Concen: 93.412 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.9	29.8	44.8

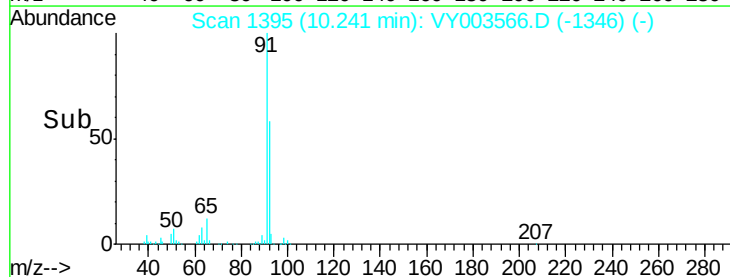
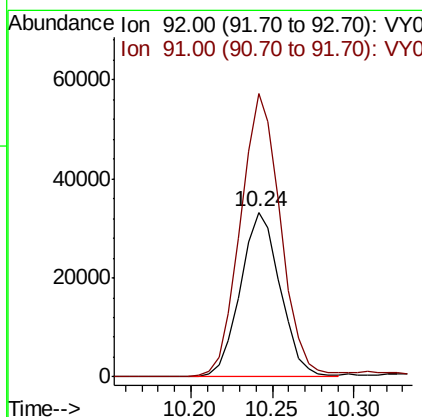
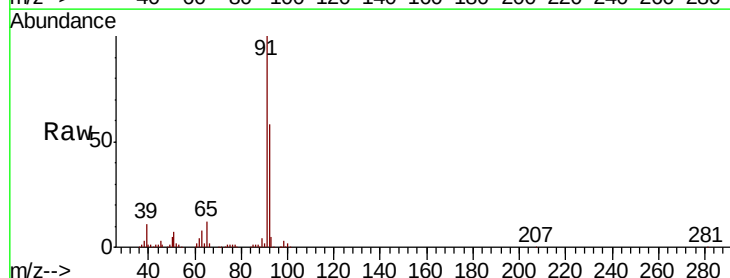
Manual Integrations
APPROVED

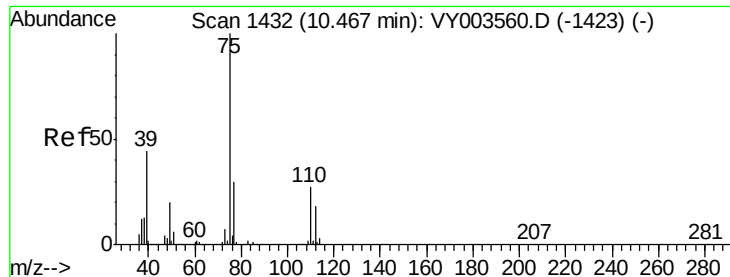
MMDadoda
11/23/2020 1:39:39 PM



#52
Toluene
Concen: 19.960 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.4	137.6	206.4





#53

t-1,3-Dichloropropene

Concen: 21.170 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 75 Resp: 34390

Ion Ratio Lower Upper

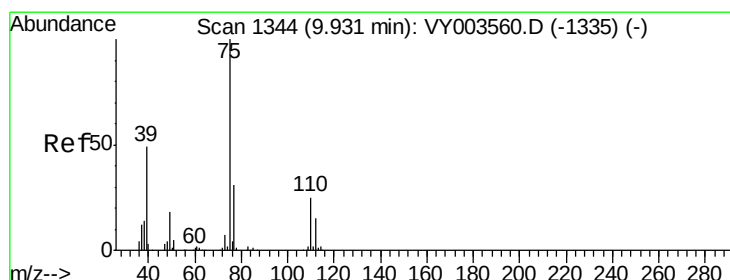
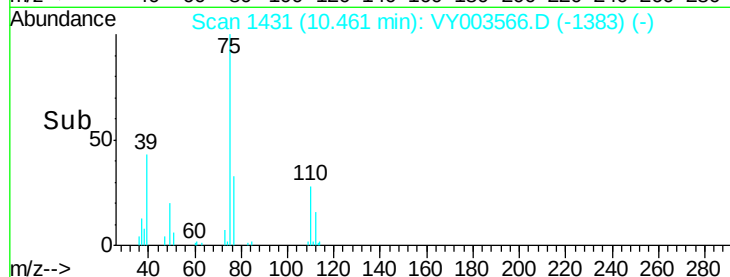
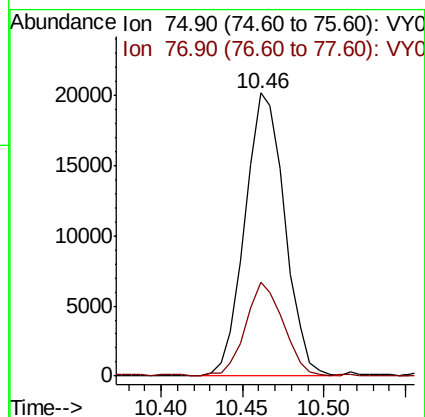
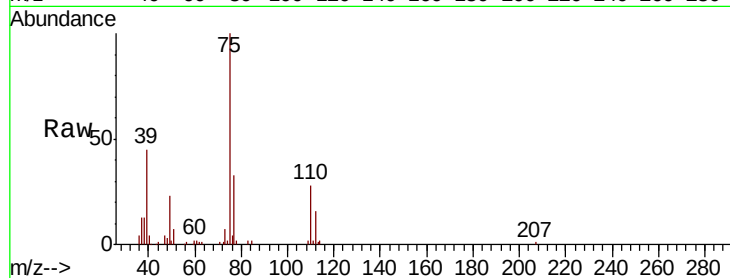
75 100

77 33.2 24.0 36.0

Manual Integrations
APPROVED

MMDadoda

11/23/2020 1:39:39 PM



#54

cis-1,3-Dichloropropene

Concen: 20.576 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

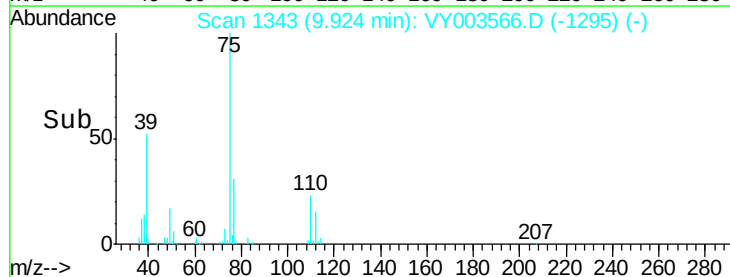
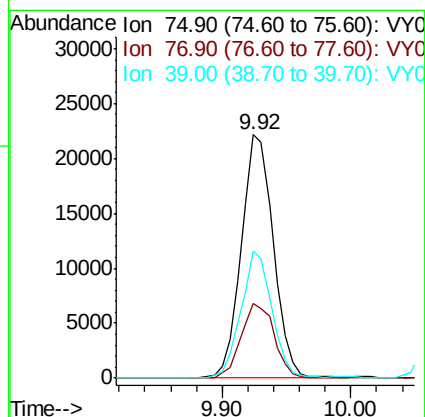
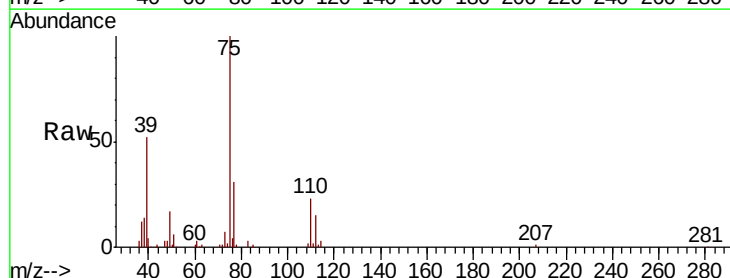
Tgt Ion: 75 Resp: 38044

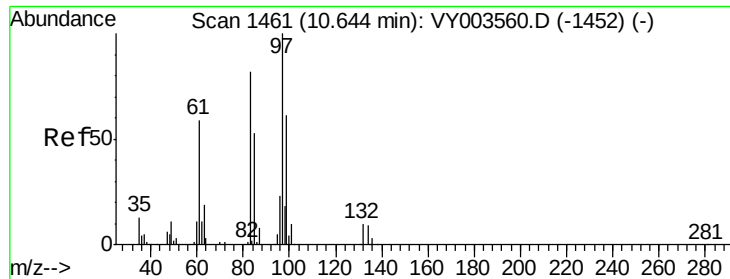
Ion Ratio Lower Upper

75 100

77 30.5 24.6 36.8

39 51.9 38.9 58.3





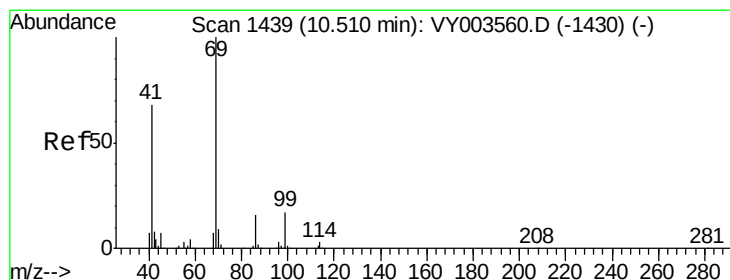
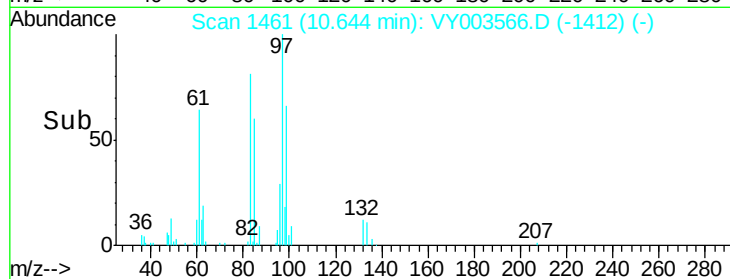
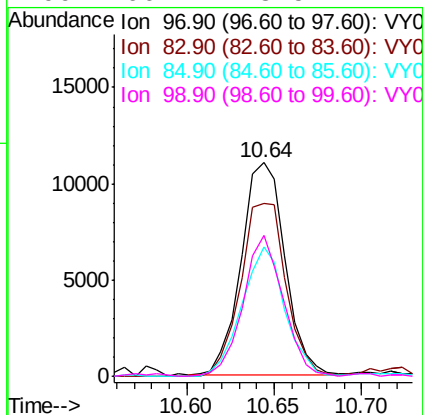
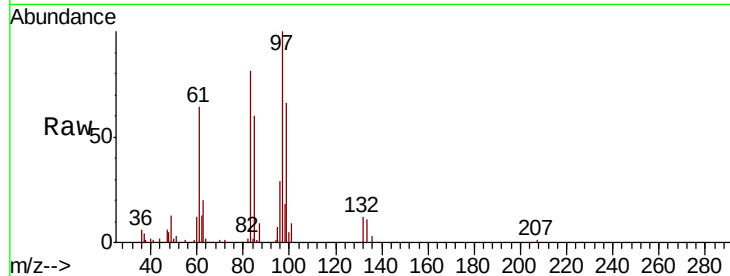
#55
 1,1,2-Trichloroethane
 Concen: 20.906 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion:	97	Resp:	19377
Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.2	97.8
85	60.8	42.4	63.6
99	66.4	48.5	72.7

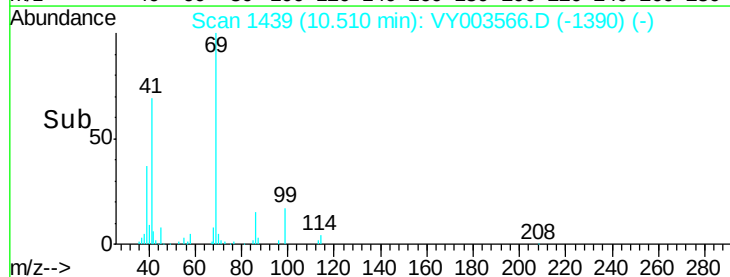
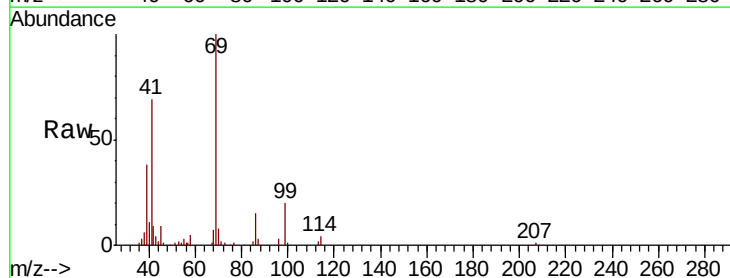
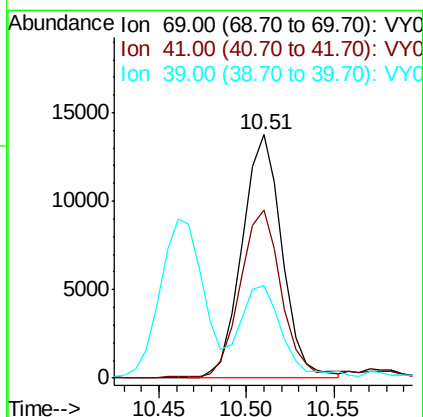
Manual Integrations
 APPROVED

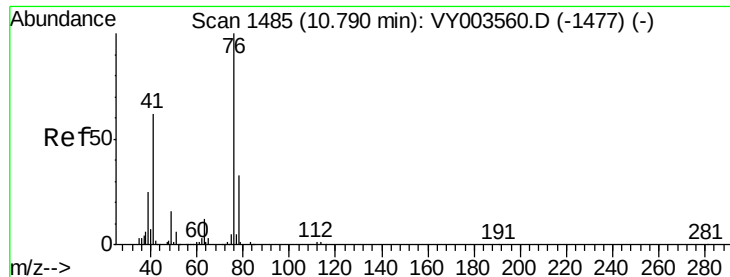
MMDadoda
 11/23/2020 1:39:39 PM



#56
 Ethyl methacrylate
 Concen: 19.377 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion:	69	Resp:	21825
Ion	Ratio	Lower	Upper
69	100		
41	71.8	55.4	83.0
39	40.3	30.2	45.2





#57

1,3-Dichloropropane

Concen: 21.298 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 76 Resp: 33411

Ion Ratio Lower Upper

76 100

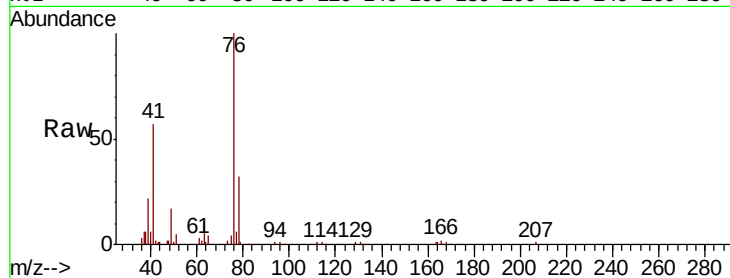
78 32.1 26.0 39.0

Manual Integrations

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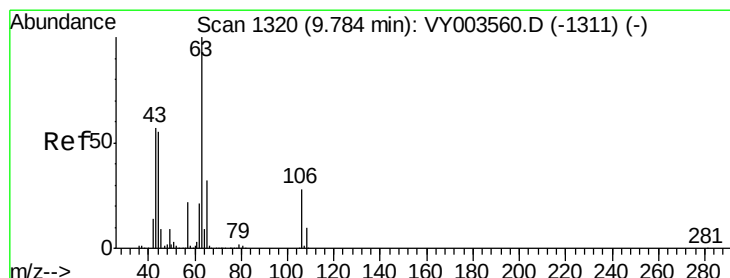
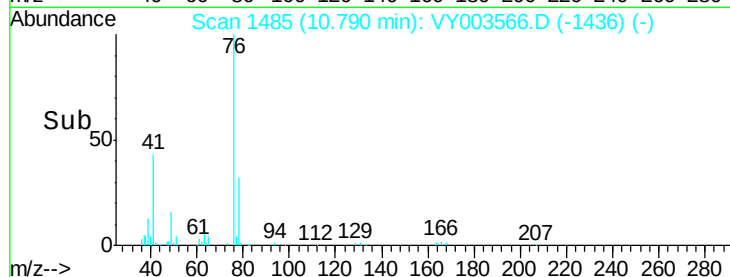
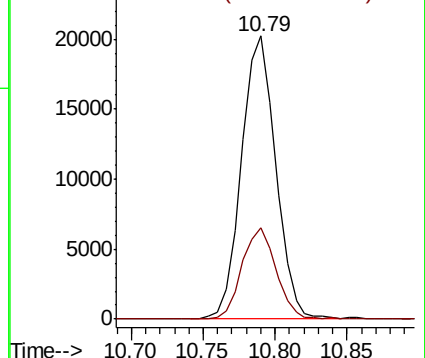
MMDadoda

11/23/2020 1:39:39 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 114.034 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003566.D

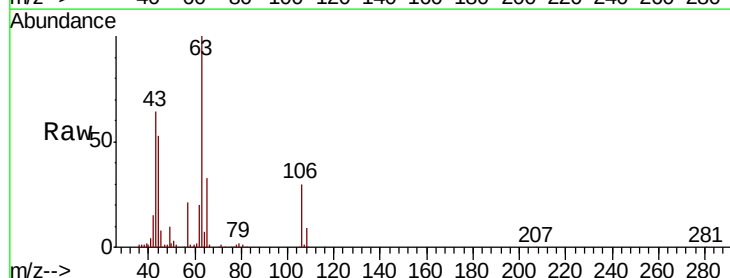
Acq: 20 Nov 2020 14:42

Tgt Ion: 63 Resp: 65915

Ion Ratio Lower Upper

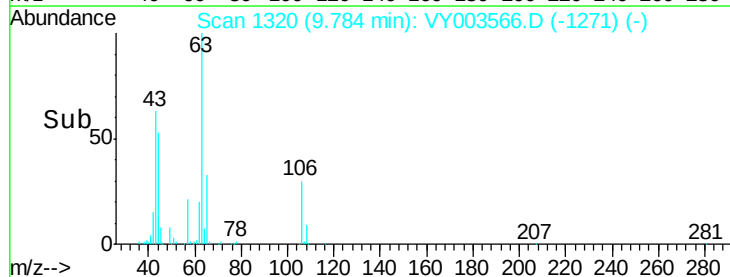
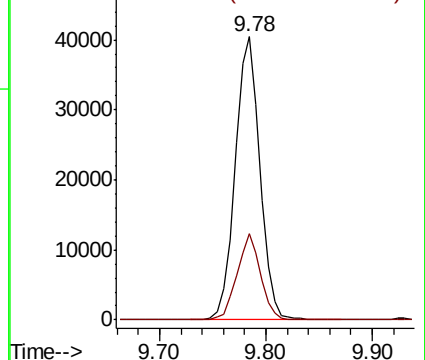
63 100

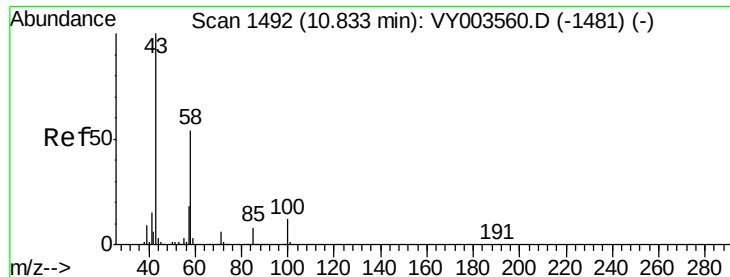
106 28.8 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





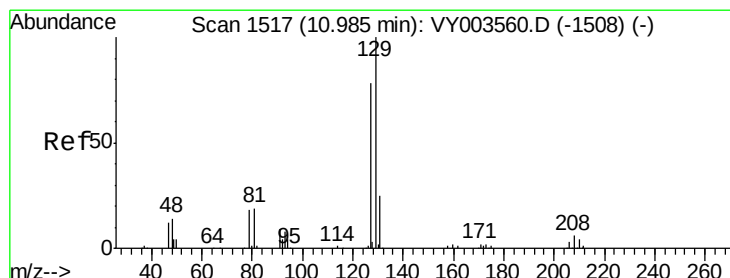
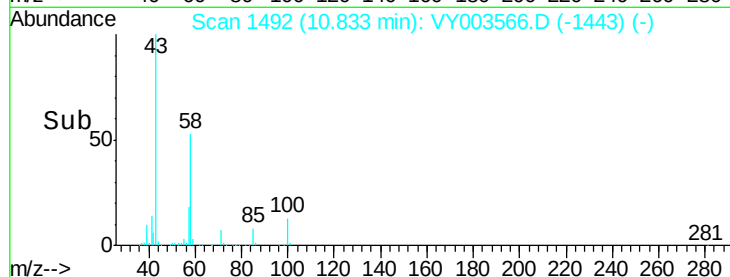
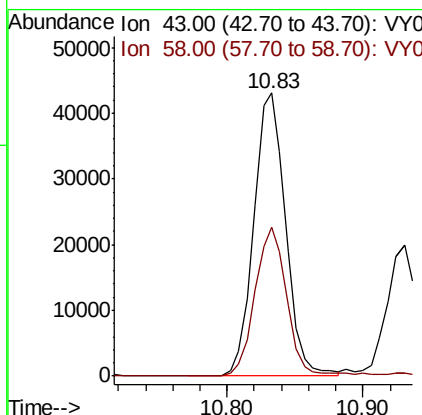
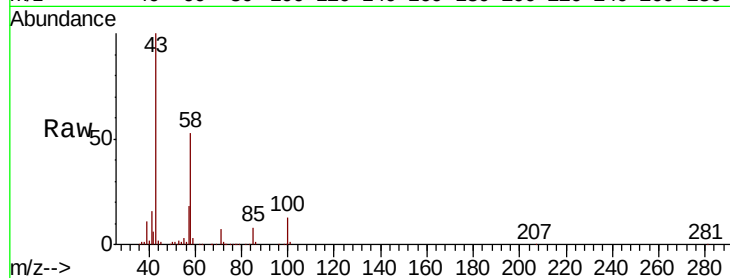
#59
2-Hexanone
Concen: 103.803 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 43 Resp: 70862
Ion Ratio Lower Upper
43 100
58 52.7 26.7 80.1

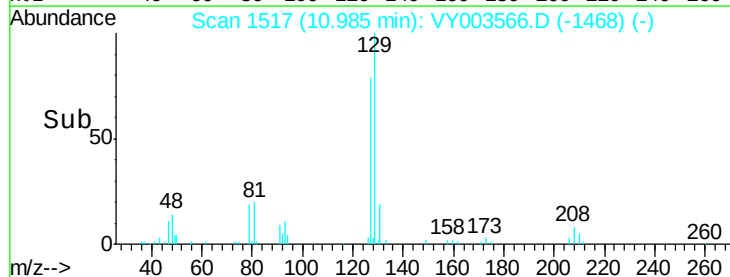
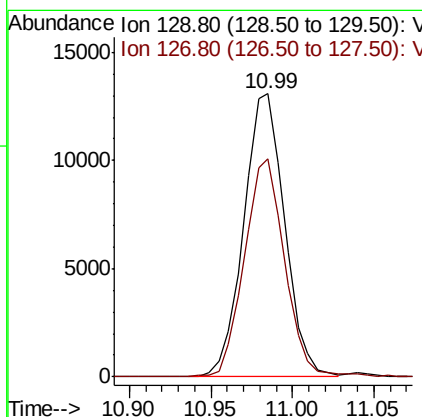
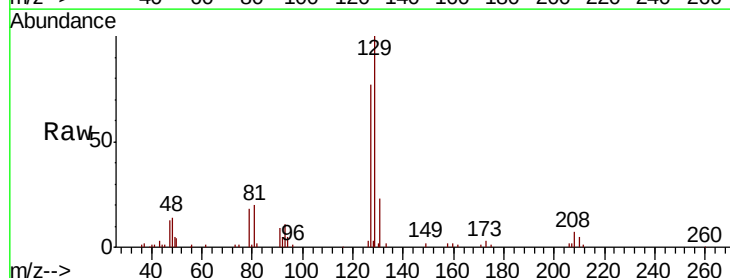
Manual Integrations
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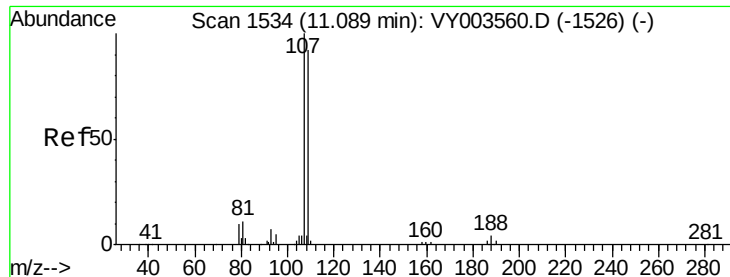
MMDadoda
11/23/2020 1:39:39 PM



#60
Dibromochloromethane
Concen: 20.434 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 129 Resp: 22900
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





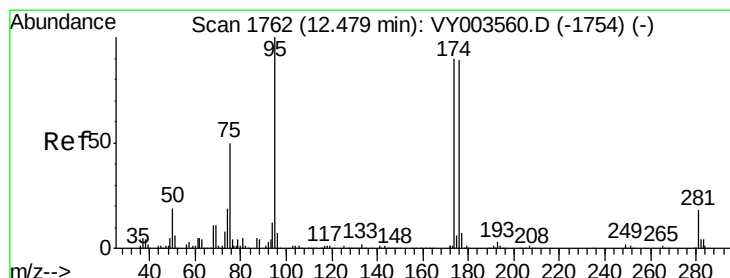
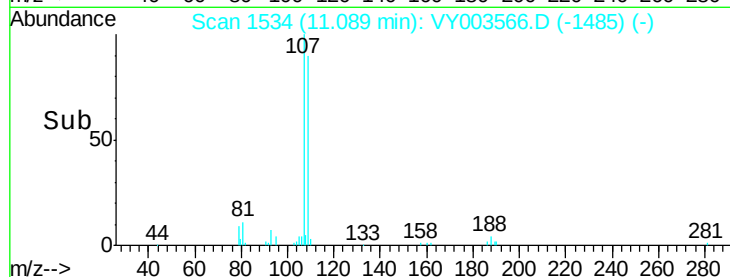
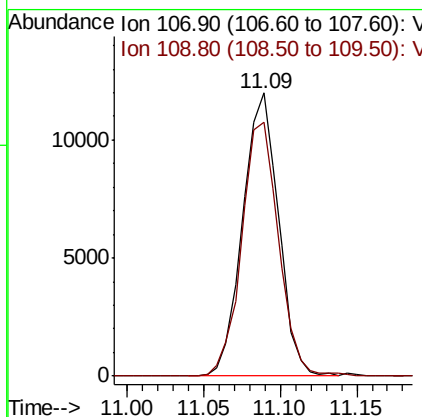
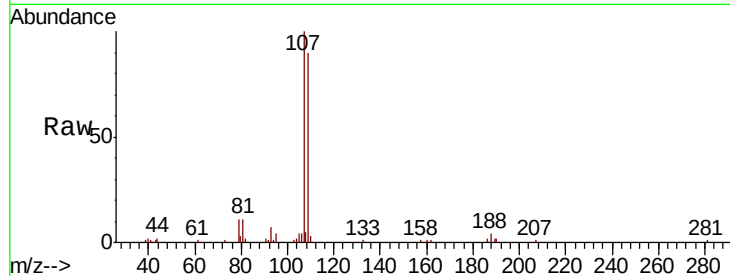
#61
 1,2-Dibromoethane
 Concen: 21.885 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.4	75.9	113.9

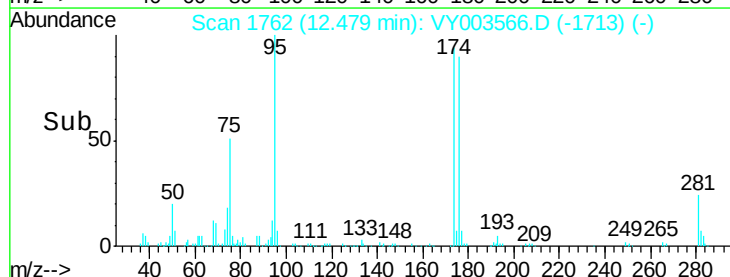
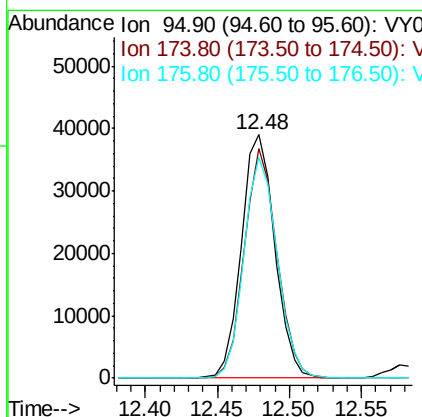
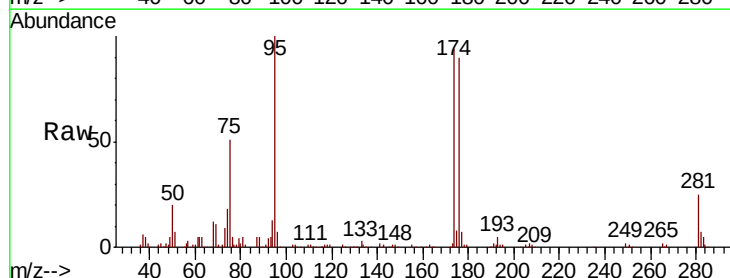
Manual Integrations
 APPROVED

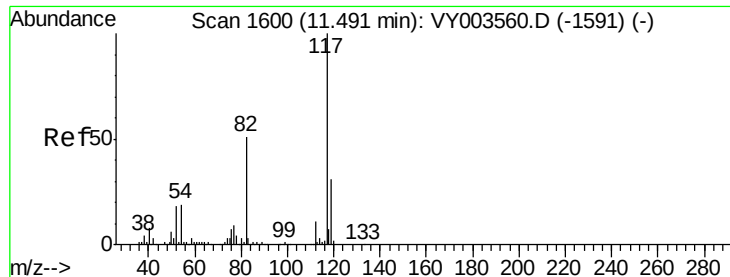
MMDadoda
 11/23/2020 1:39:39 PM



#62
 4-Bromofluorobenzene
 Concen: 48.693 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	184.0
176	90.3	0.0	180.4





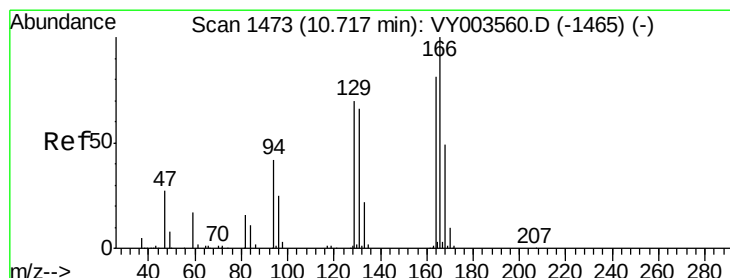
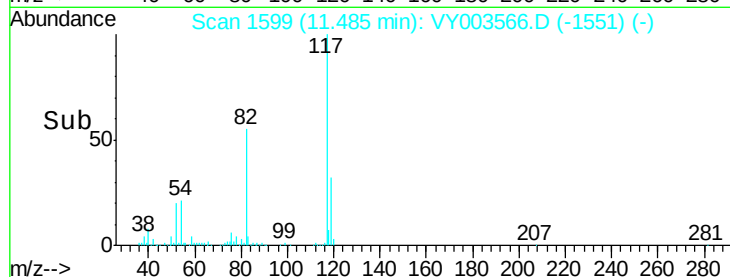
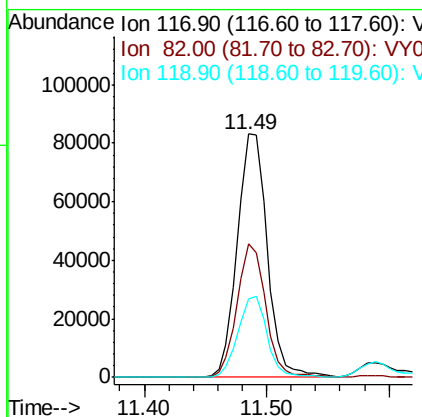
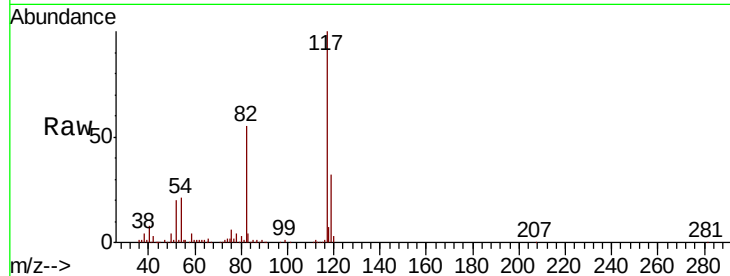
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.0	61.6
119	32.5	25.0	37.6

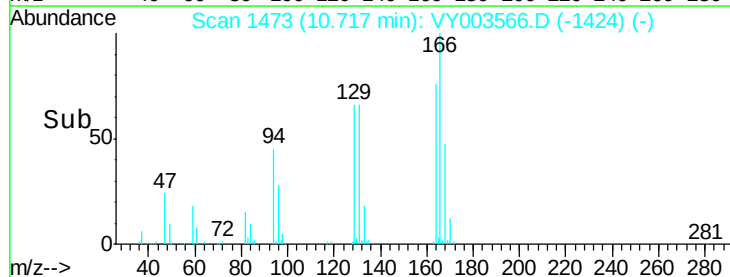
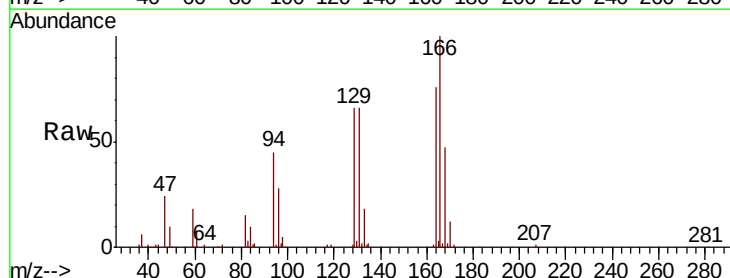
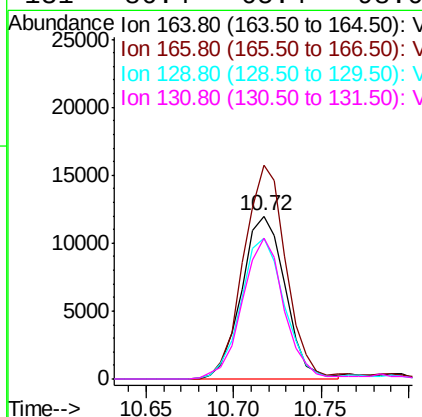
Manual Integrations
APPROVED

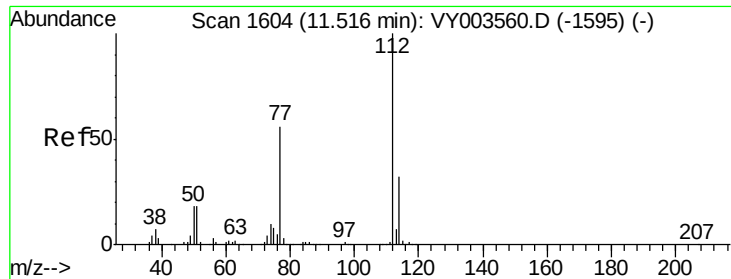
MMDadoda
11/23/2020 1:39:39 PM



#64
Tetrachloroethene
Concen: 19.538 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	99.0	148.4
129	86.5	69.1	103.7
131	86.4	65.4	98.0





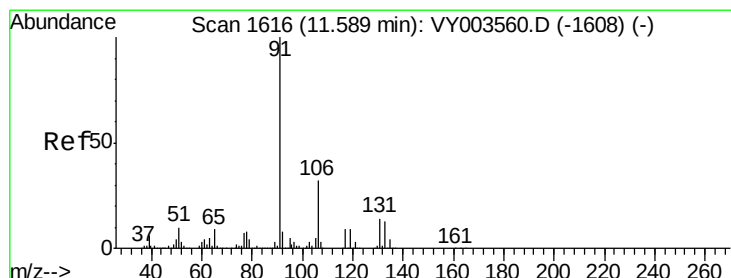
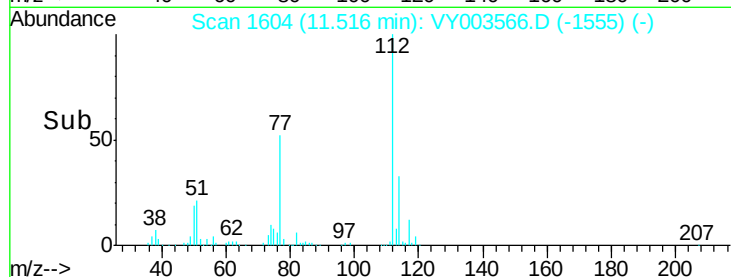
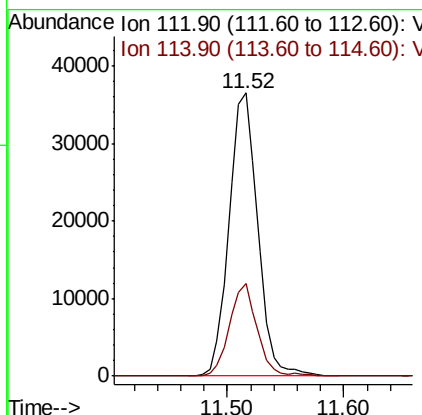
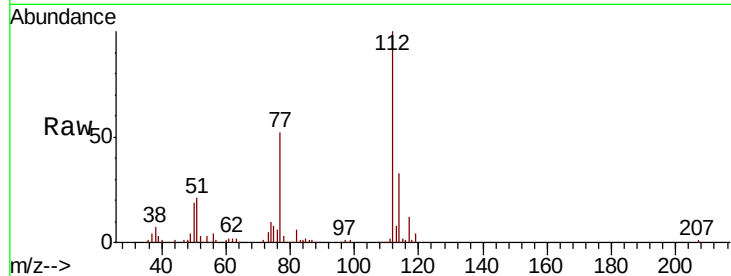
#65
Chlorobenzene
Concen: 20.379 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBSD01

Tot Ion:112 Resp: 62576
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9

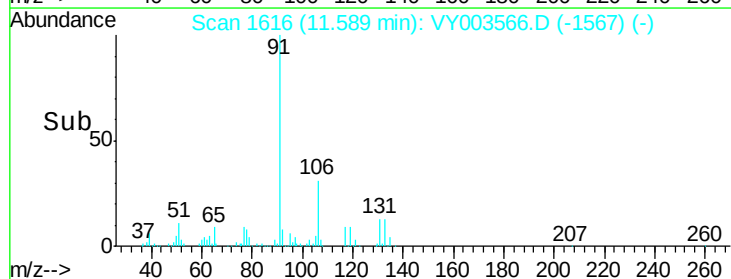
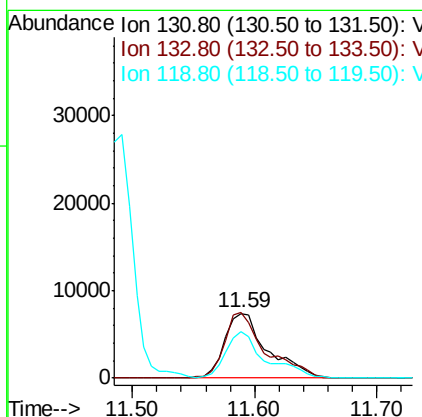
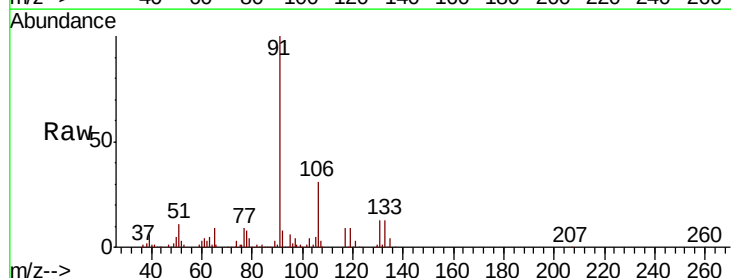
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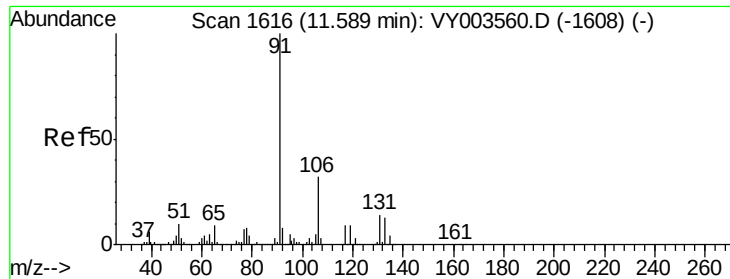
MMDadoda
11/23/2020 1:39:39 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.326 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:131 Resp: 17910
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 66.6 32.6 97.7





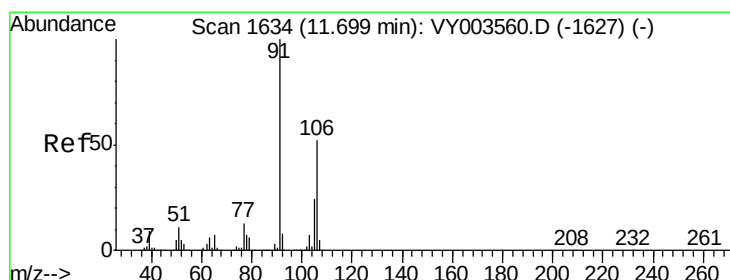
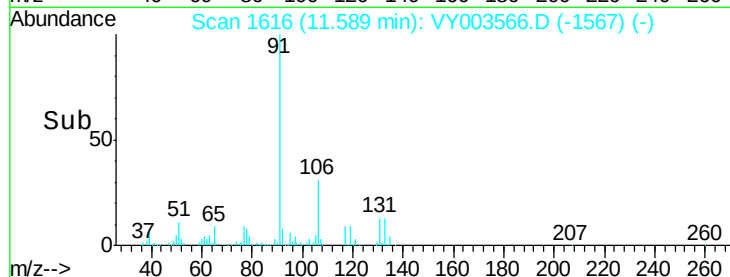
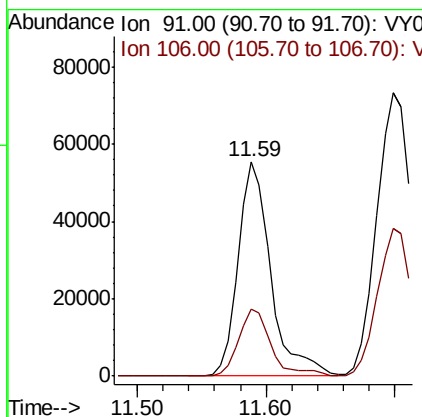
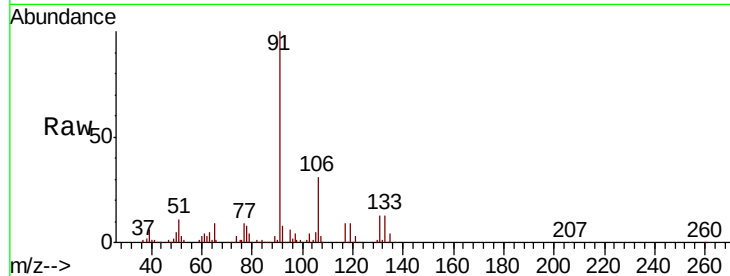
#67
Ethyl Benzene
Concen: 19.324 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion: 91 Resp: 97231
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

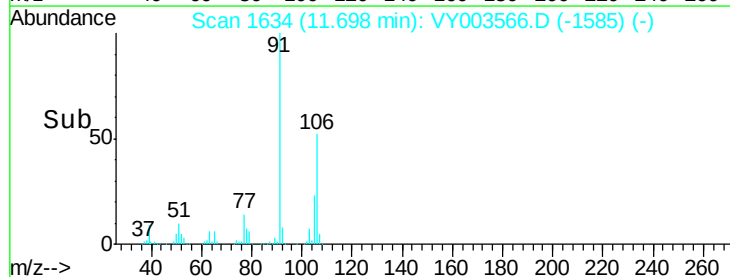
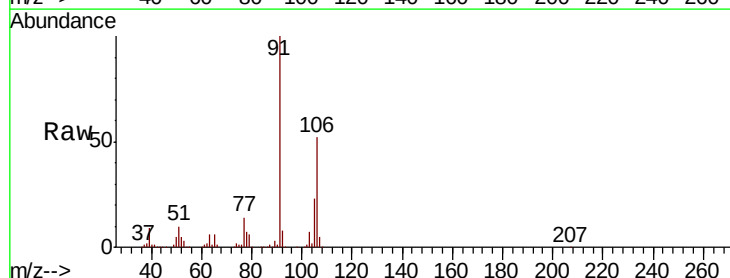
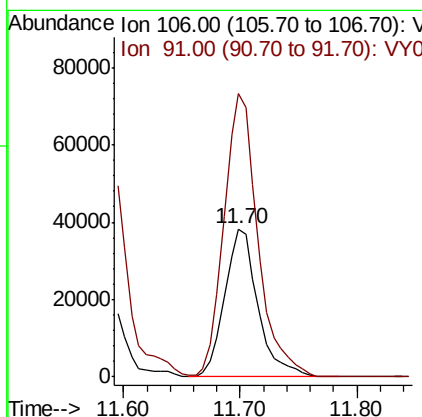
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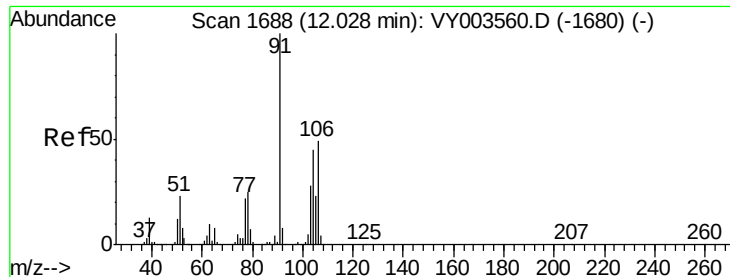
MMDadoda
11/23/2020 1:39:39 PM



#68
m/p-Xylenes
Concen: 39.251 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion: 106 Resp: 75625
Ion Ratio Lower Upper
106 100
91 195.7 154.2 231.4





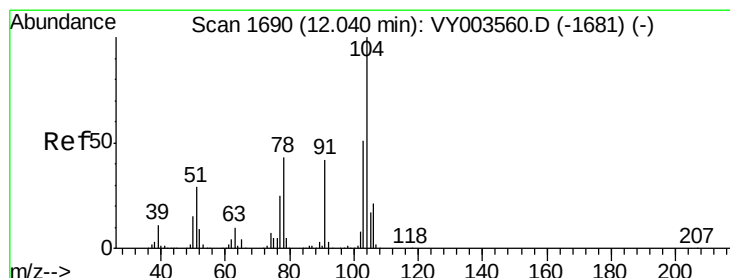
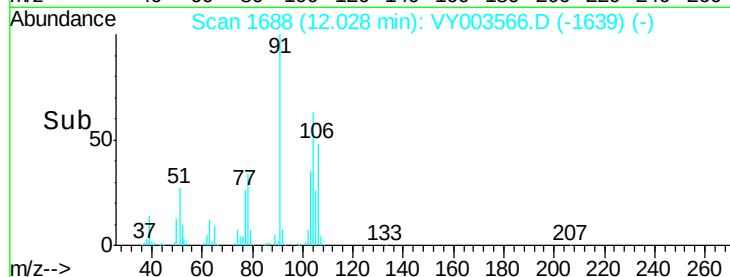
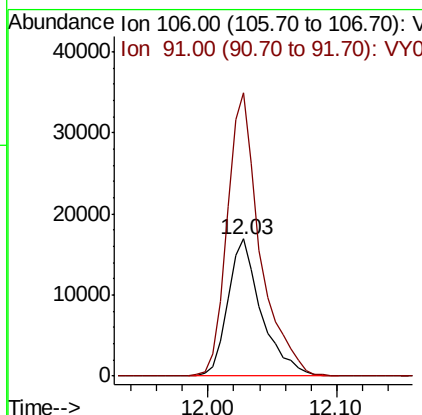
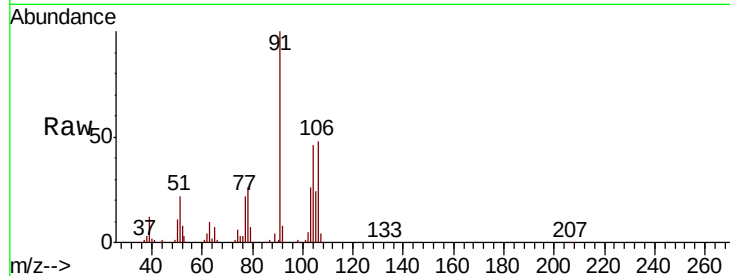
#69
o-Xylene
Concen: 19.990 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion:106 Resp: 30809
Ion Ratio Lower Upper
106 100
91 201.9 103.1 309.1

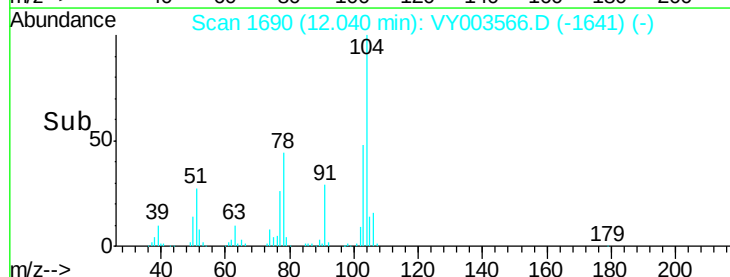
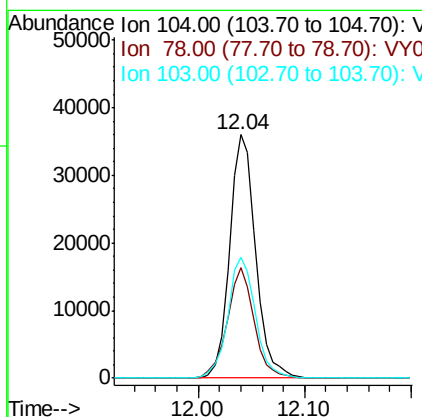
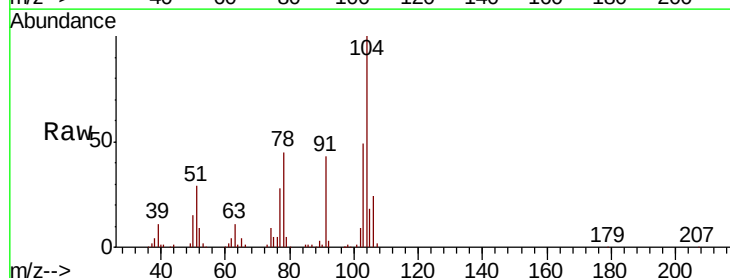
Manual Integrations
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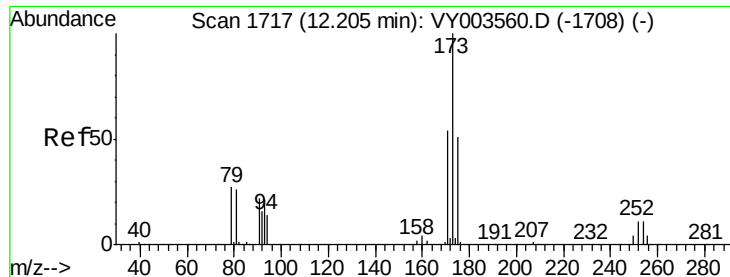
MMDadoda
11/23/2020 1:39:39 PM



#70
Styrene
Concen: 19.864 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion:104 Resp: 61701
Ion Ratio Lower Upper
104 100
78 46.7 36.6 54.8
103 52.6 43.6 65.4





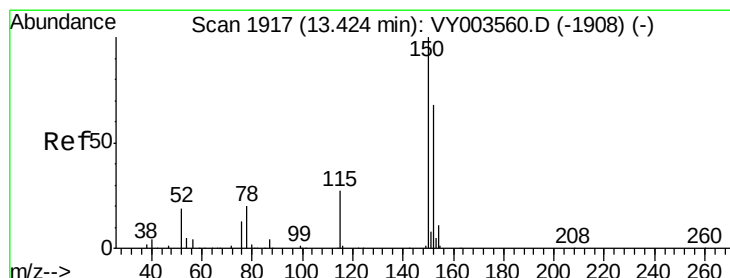
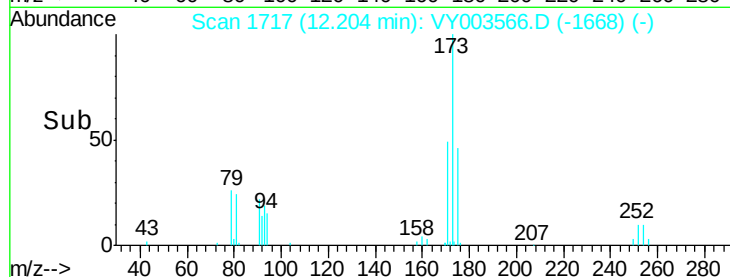
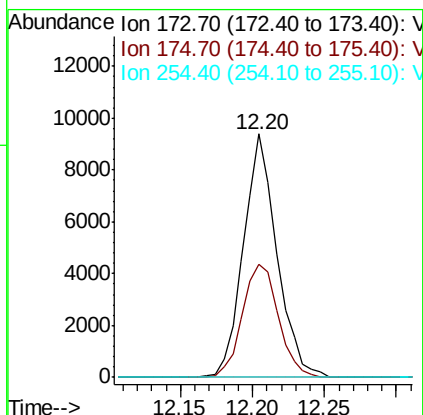
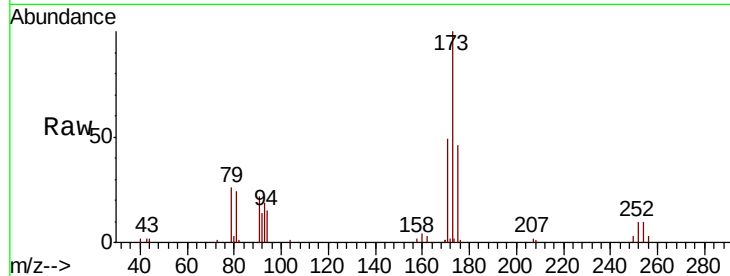
#71
Bromoform
Concen: 21.220 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.6	73.6
254	0.0	0.1	0.1#

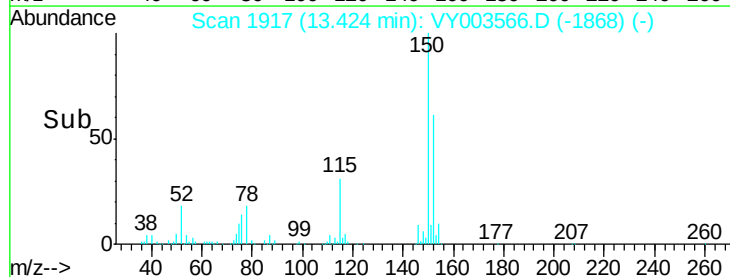
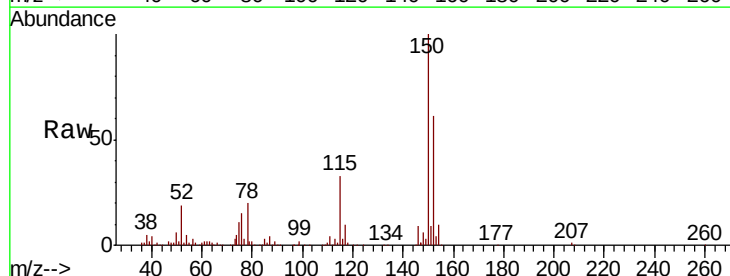
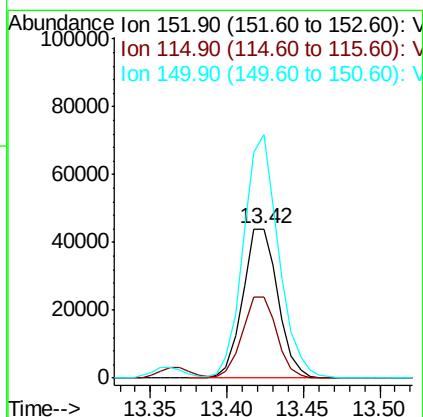
Manual Integrations
APPROVED

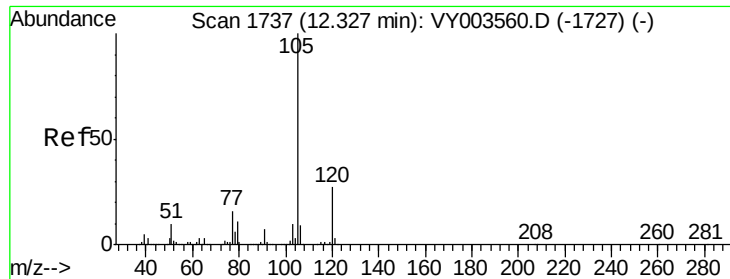
MMDadoda
11/23/2020 1:39:39 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.6	27.4	82.0
150	163.7	0.0	349.6





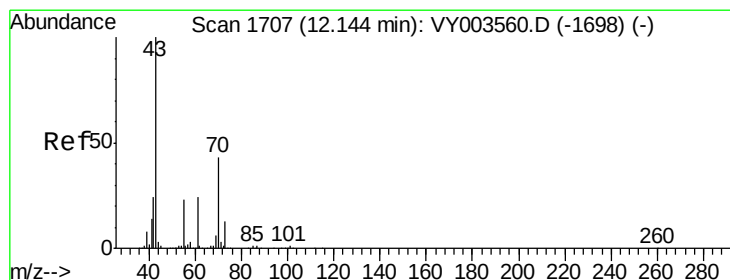
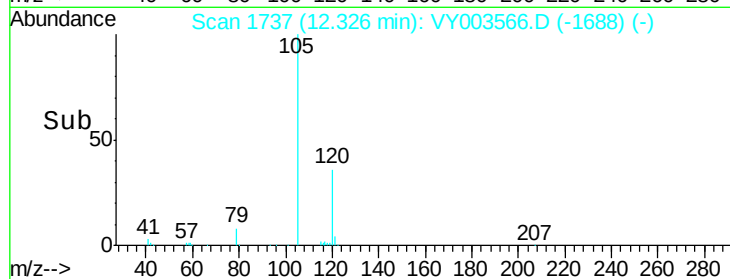
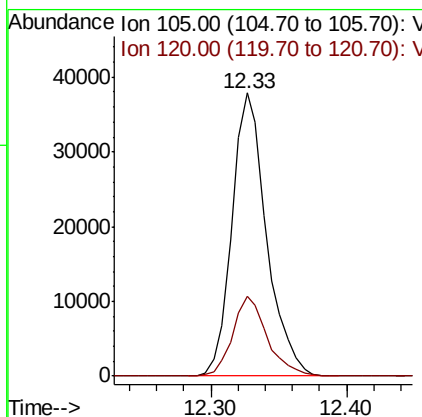
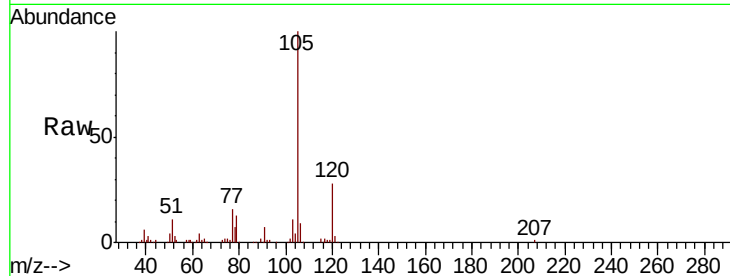
#73
Isopropylbenzene
Concen: 19.127 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.8	41.4

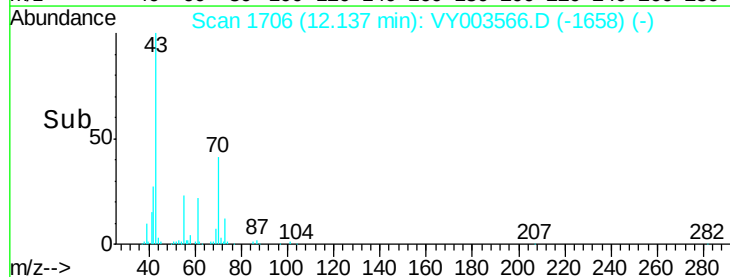
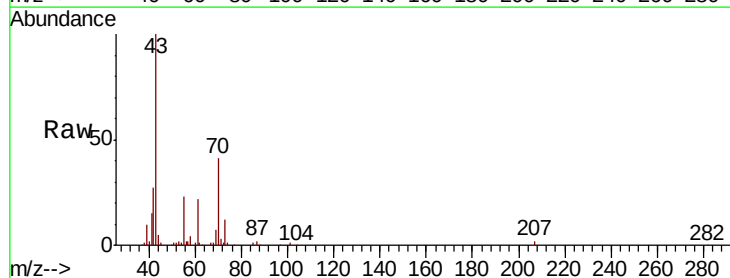
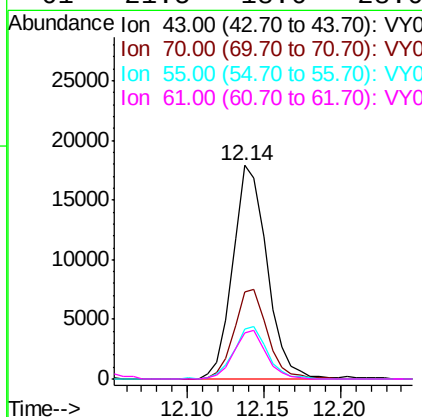
Manual Integrations
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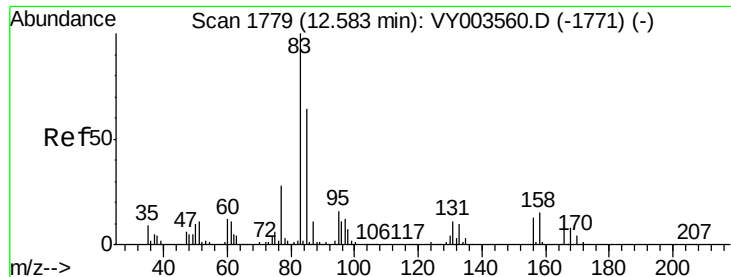
MMDadoda
11/23/2020 1:39:39 PM



#74
N-ethyl acetate
Concen: 20.148 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.2	48.4
55	24.0	18.6	28.0
61	21.5	18.6	28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.386 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

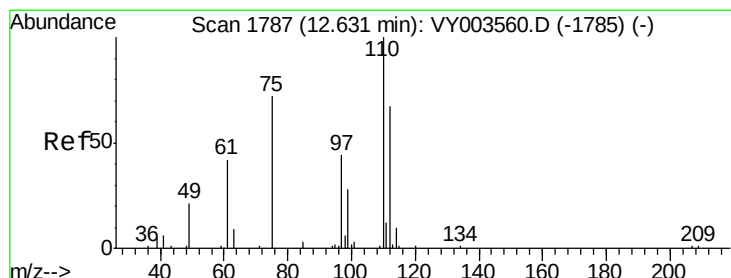
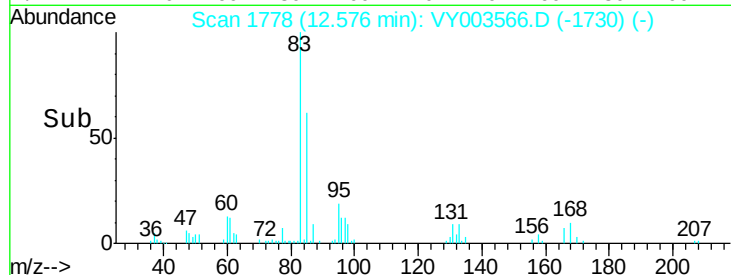
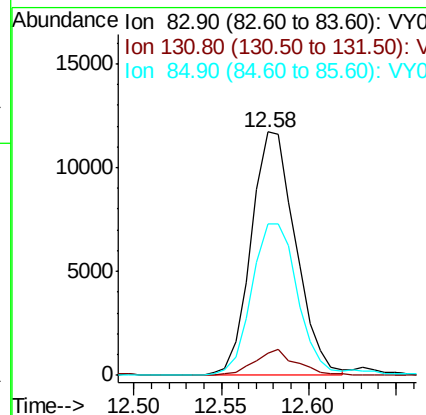
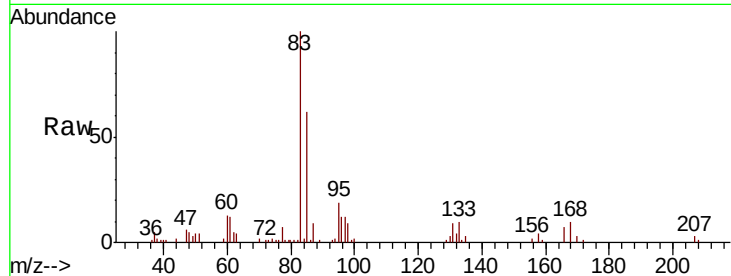
ClientSampleId :

VY1120SBS01

Tot Ion:	83	Resp:	20773
Ion	Ratio	Lower	Upper
83	100		
131	9.9	5.2	15.6
85	65.7	32.5	97.4

Manual Integrations
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11/23/2020 1:39:39 PM



#76

1,2,3-Trichloropropane

Concen: 20.271 ug/l m

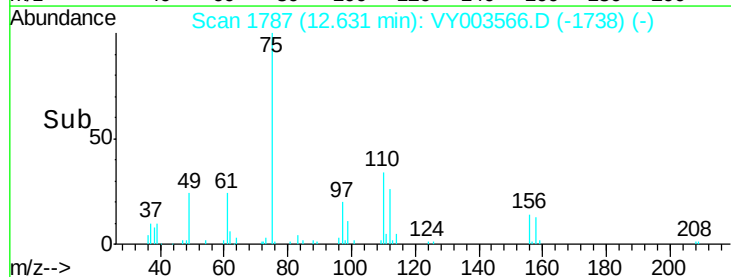
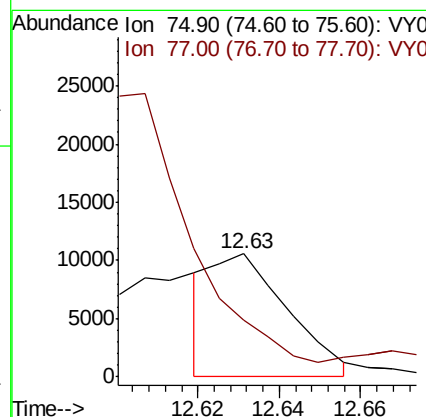
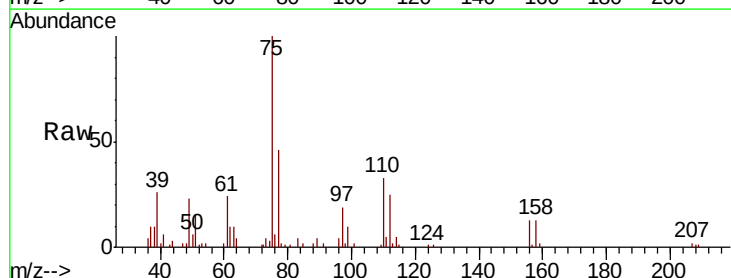
RT: 12.63 min Scan# 1787

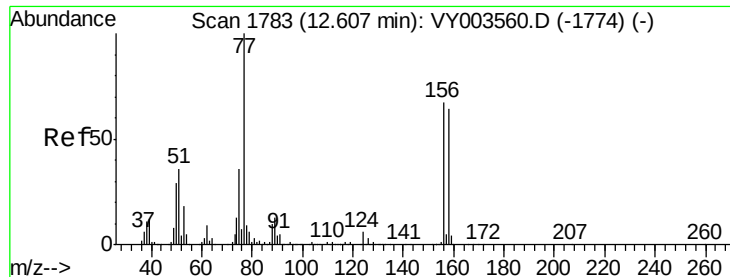
Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion:	75	Resp:	13772
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.395 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

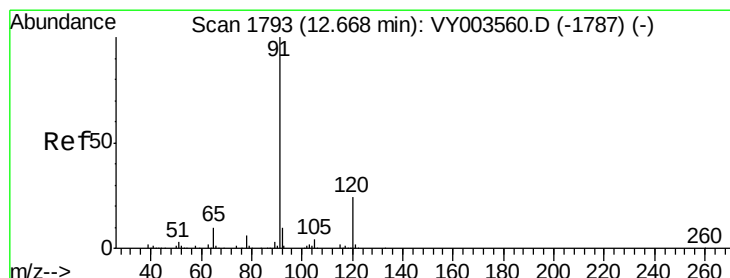
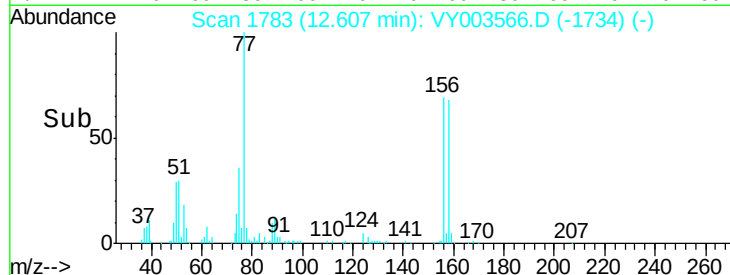
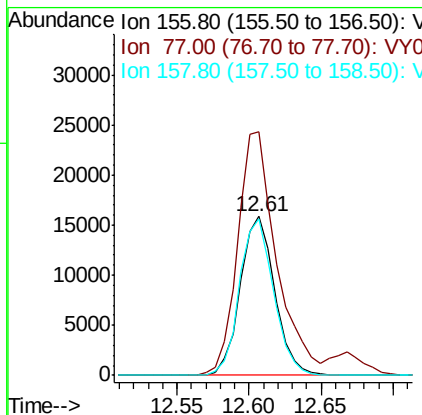
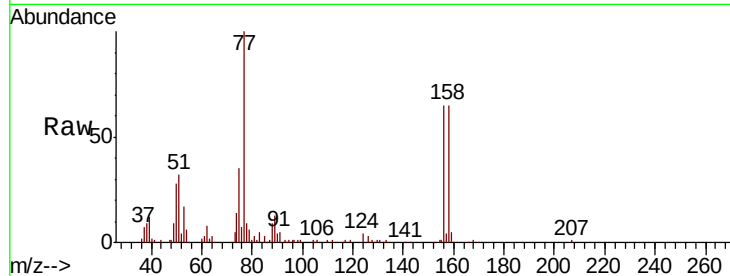
ClientSampleId :

VY1120SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		26193		
77	174.0	85.7	257.1		
158	97.5	48.8	146.4		

Manual Integrations
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11/23/2020 1:39:39 PM



#78

n-propylbenzene

Concen: 19.213 ug/l

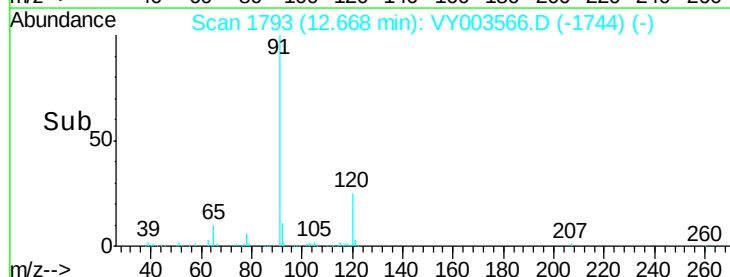
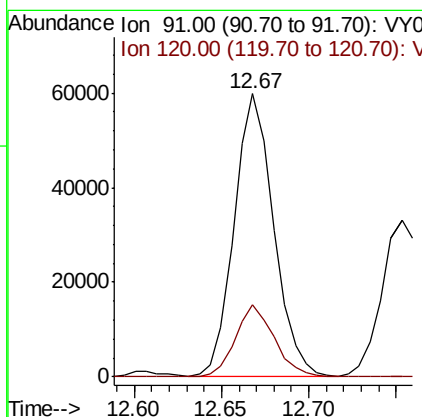
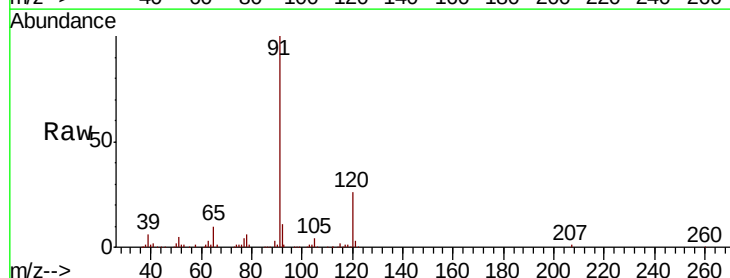
RT: 12.67 min Scan# 1793

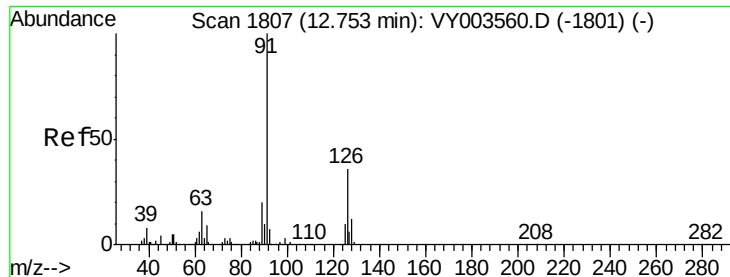
Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		94218		
120	24.6	12.0	36.1		





#79

2-Chlorotoluene

Concen: 19.962 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1120SBS01

Tot Ion: 91 Resp: 56506

Ion Ratio Lower Upper

91 100

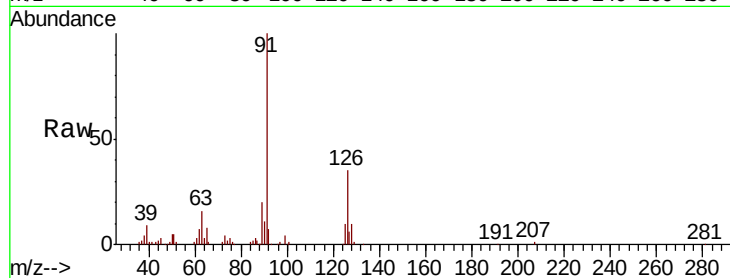
126 36.2 18.1 54.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VY003566.D (-1758) (-)

Ion 125.90 (125.60 to 126.60): VY003566.D (-1758) (-)

12.75

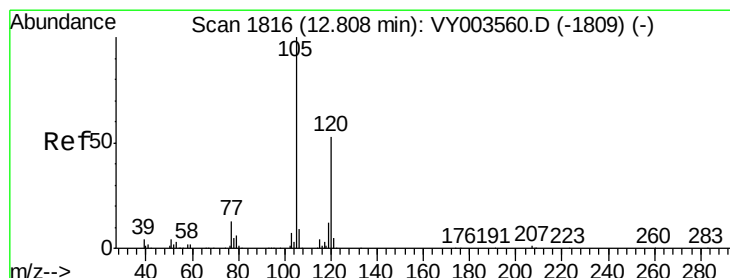
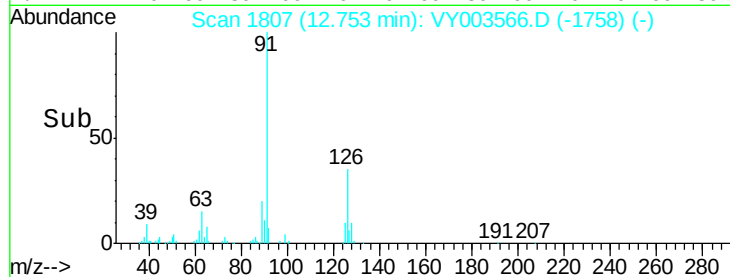
30000

20000

10000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.013 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY003566.D

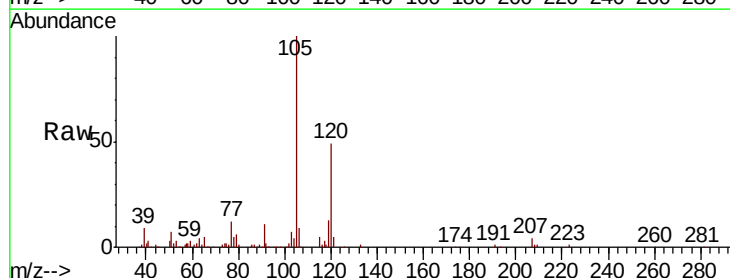
Acq: 20 Nov 2020 14:42

Tgt Ion: 105 Resp: 55128

Ion Ratio Lower Upper

105 100

120 49.6 26.3 78.8



Abundance Ion 105.00 (104.70 to 105.70): VY003566.D (-1767) (-)

Ion 120.00 (119.70 to 120.70): VY003566.D (-1767) (-)

12.81

40000

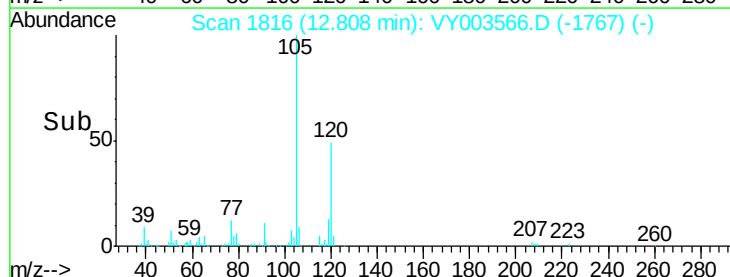
30000

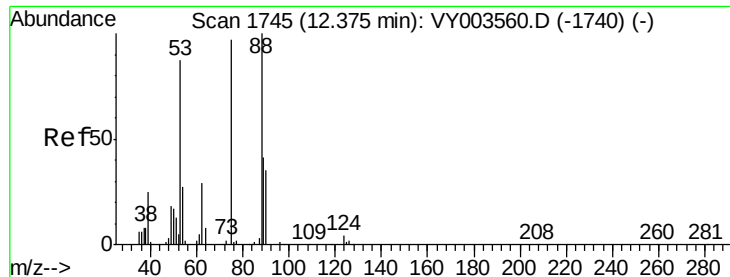
20000

10000

0

Time-->





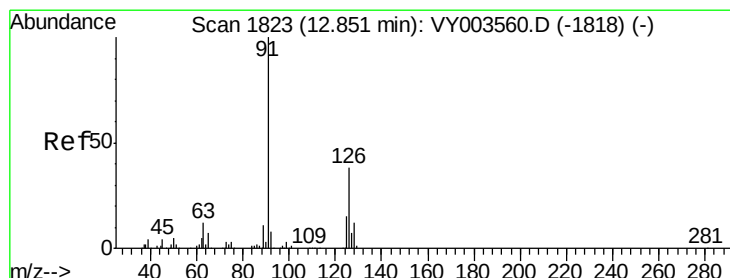
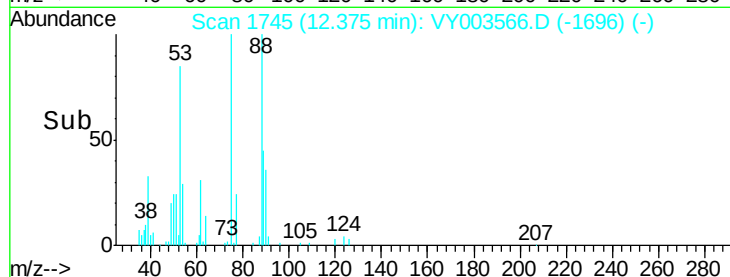
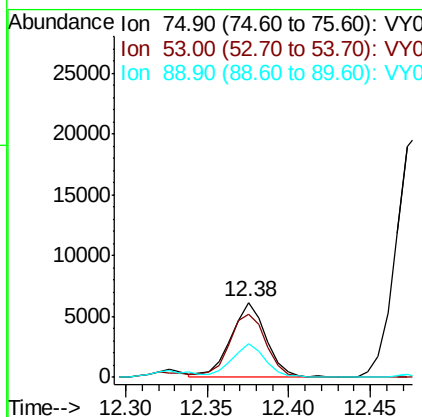
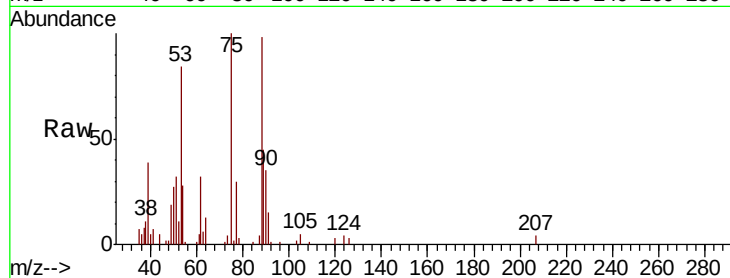
#81
trans-1,4-Dichloro-2-butene
Concen: 21.733 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.1	71.4	107.2
89	42.2	34.7	52.1

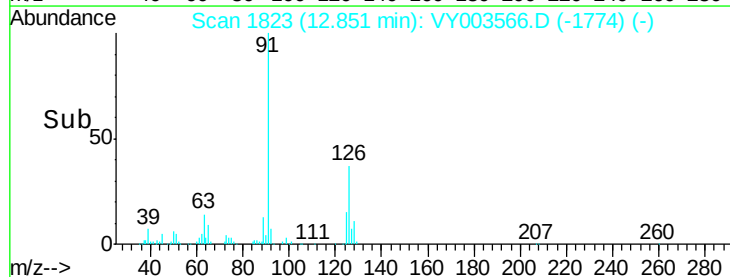
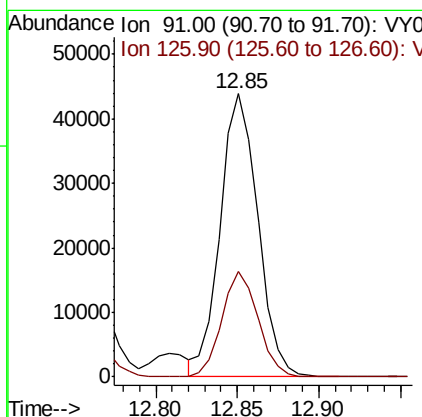
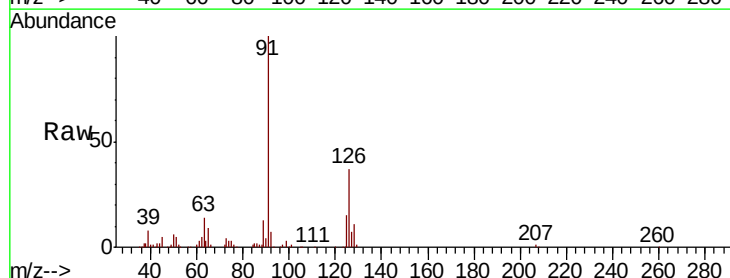
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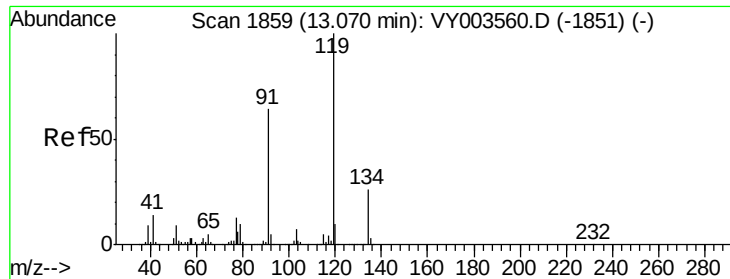
MMDadoda
11/23/2020 1:39:39 PM



#82
4-Chlorotoluene
Concen: 20.351 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	18.1	54.3





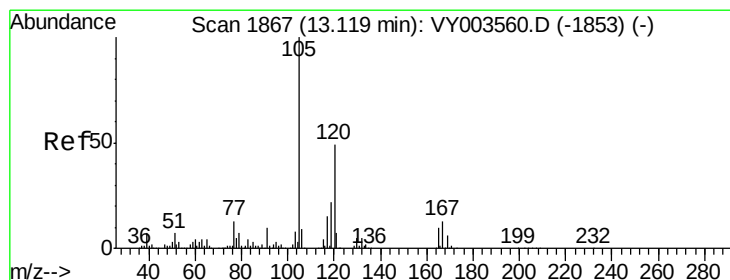
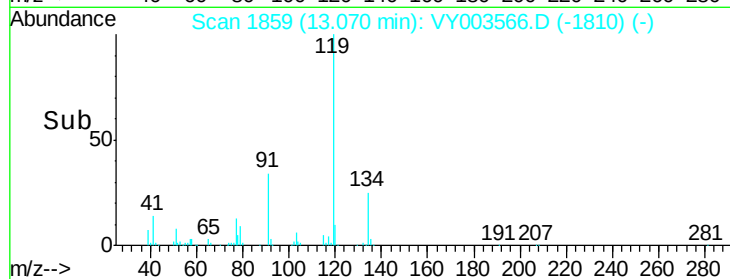
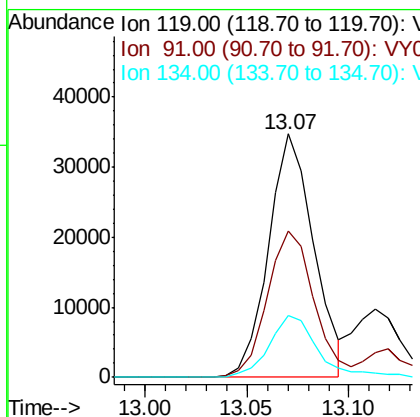
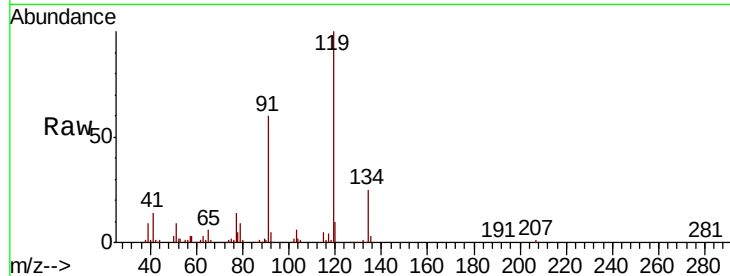
#83
tert-Butylbenzene
Concen: 20.264 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	31.8	95.3
134	27.6	14.1	42.2

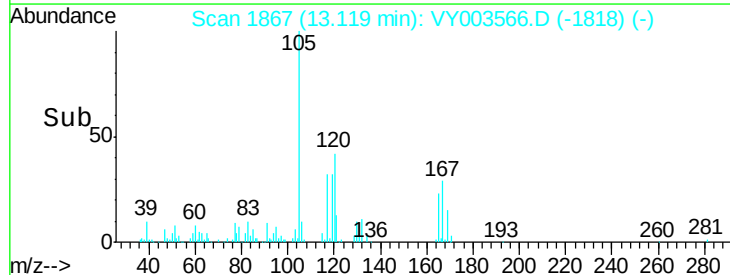
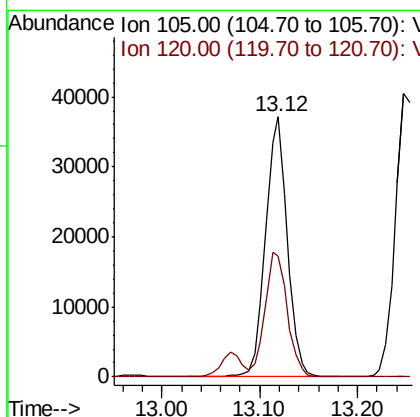
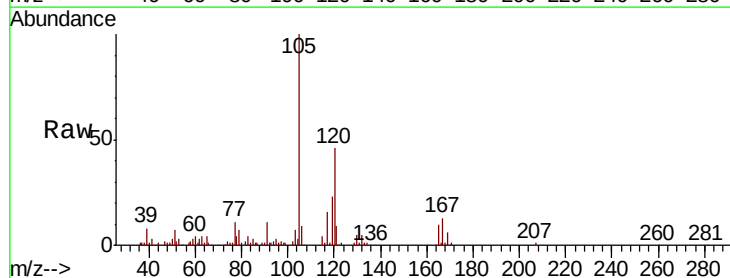
Manual Integrations
APPROVED

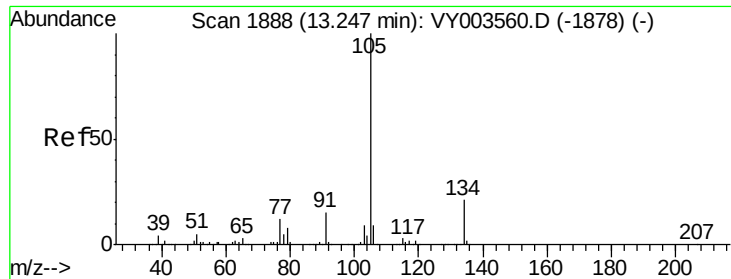
MMDadoda
11/23/2020 1:39:39 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.799 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.8	71.4





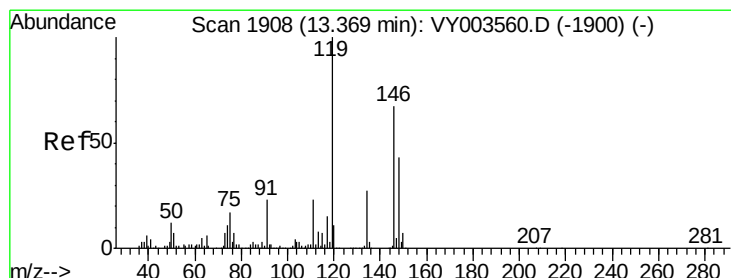
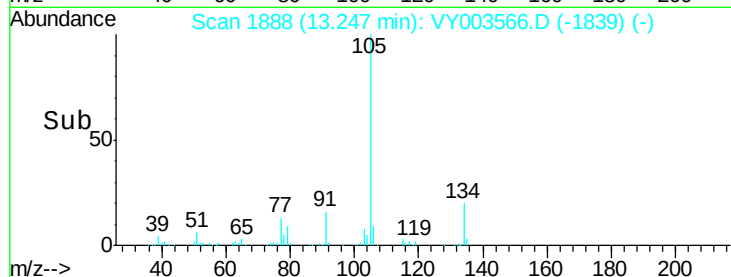
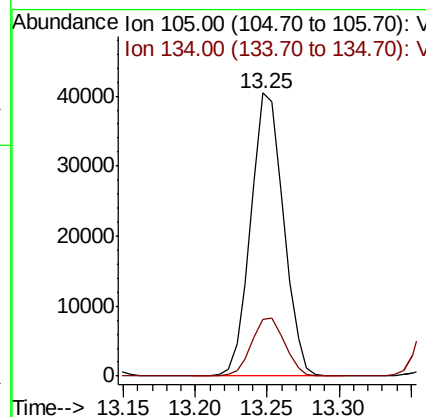
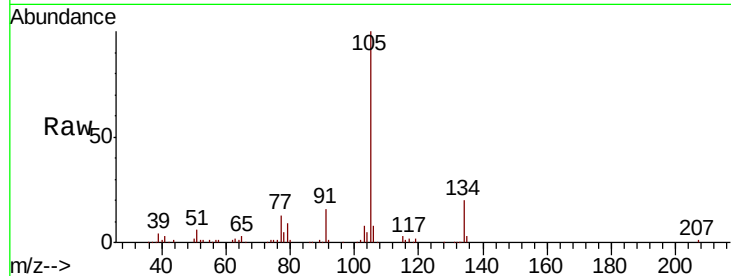
#85
 sec-Butylbenzene
 Concen: 21.095 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2

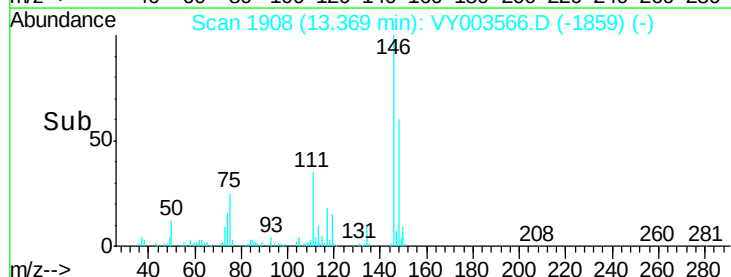
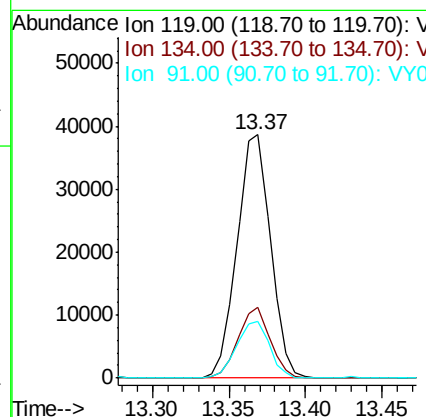
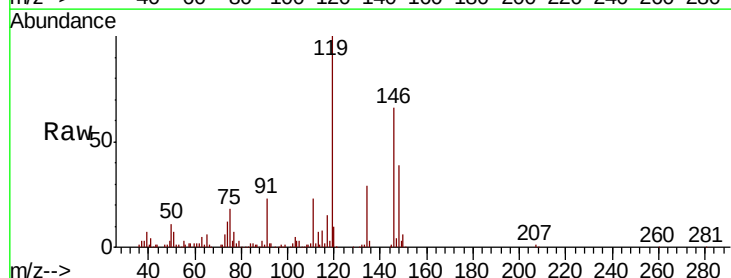
Manual Integrations
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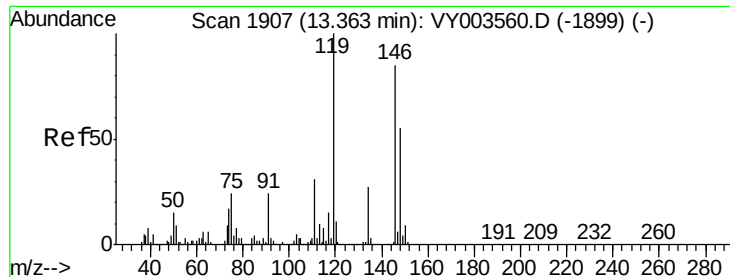
MMDadoda
 11/23/2020 1:39:39 PM



#86
 p-Isopropyltoluene
 Concen: 21.853 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.5	13.8	41.4
91	22.8	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 20.354 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

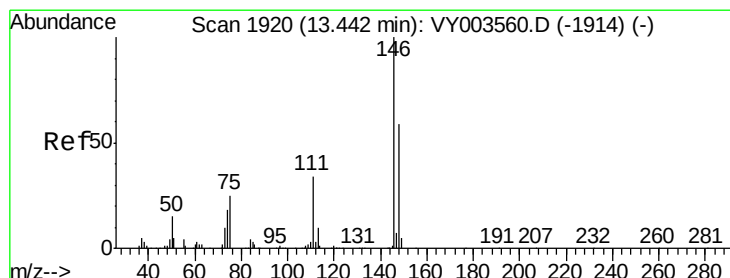
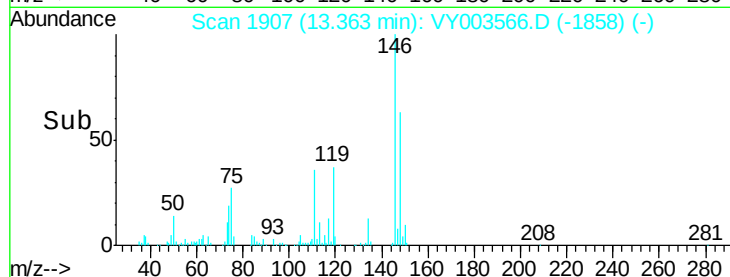
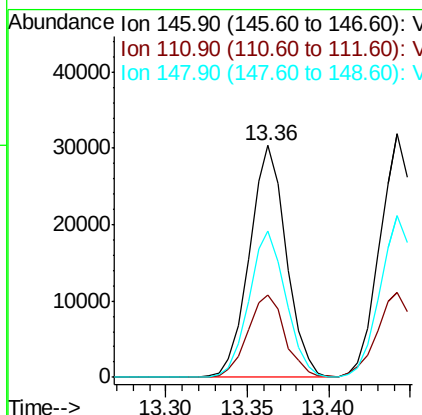
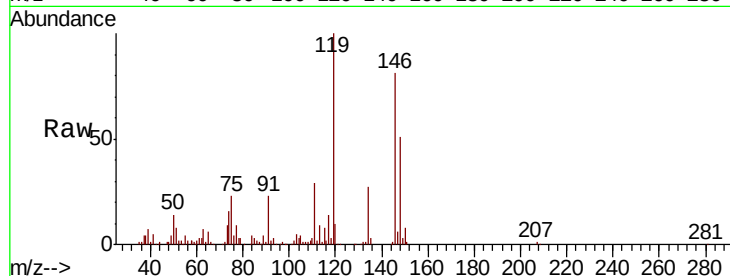
Instrument :
MSVOA_Y

ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.3	54.9
148	63.2	31.9	95.7

Manual Integrations
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11/23/2020 1:39:39 PM



#88

1,4-Dichlorobenzene

Concen: 20.316 ug/l

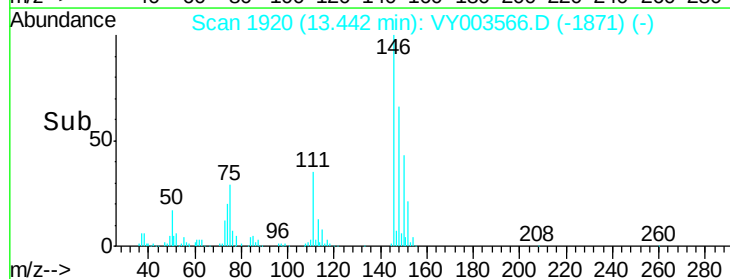
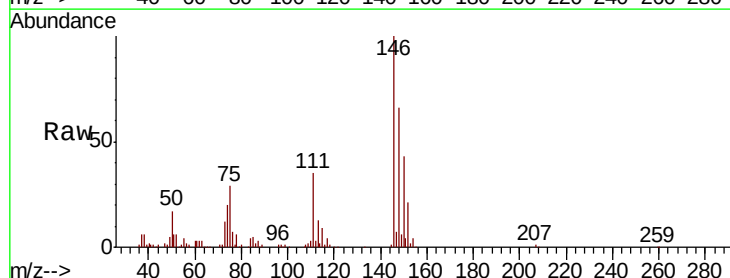
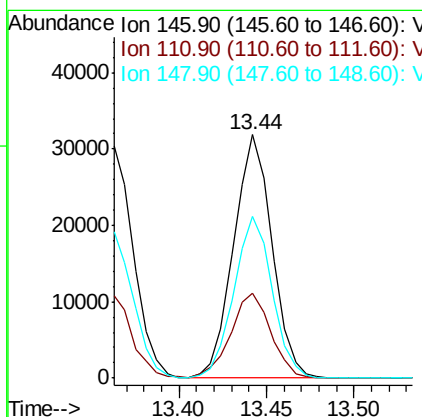
RT: 13.44 min Scan# 1920

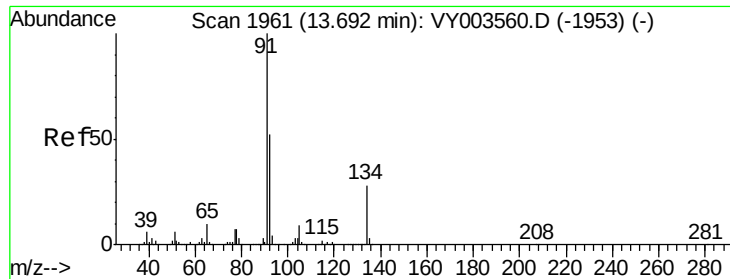
Delta R.T. -0.00 min

Lab File: VY003566.D

Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.8	53.4
148	66.2	31.1	93.2





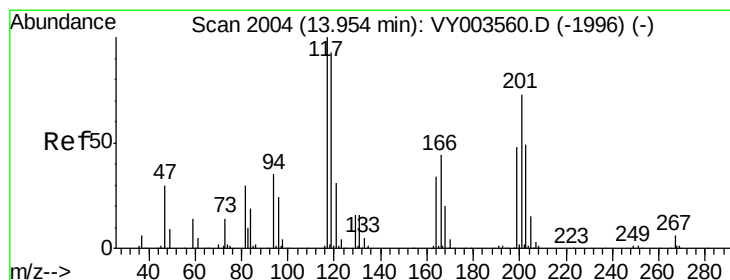
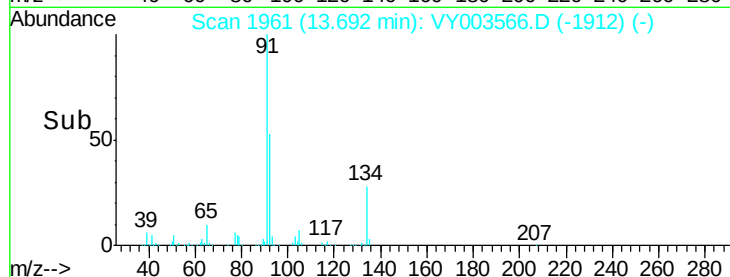
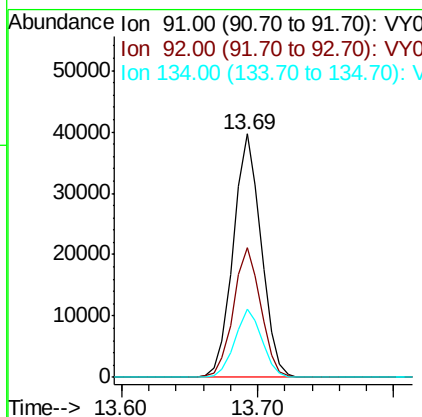
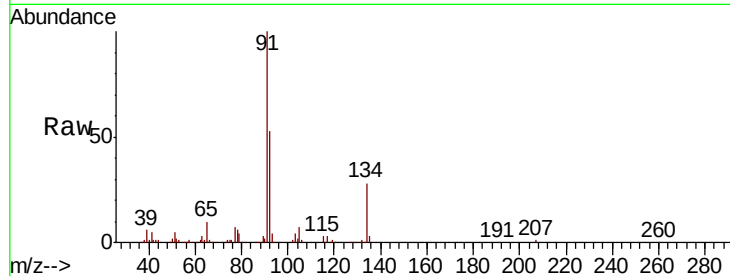
#89
n-Butylbenzene
Concen: 19.596 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.0
134	27.3	13.9	41.7

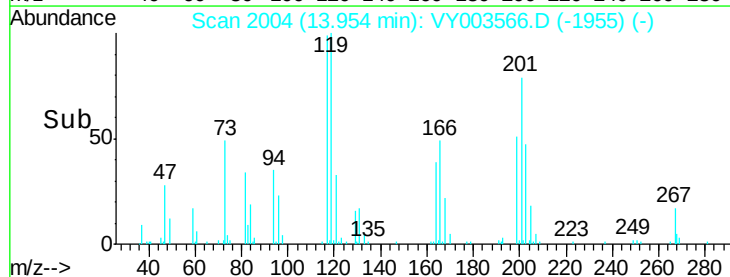
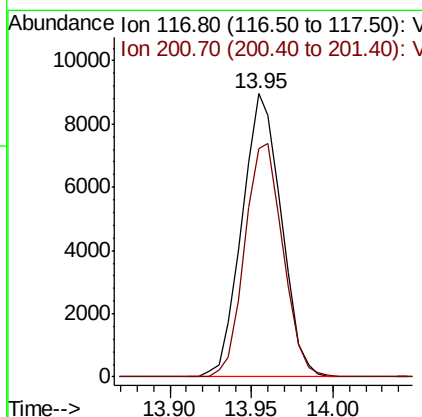
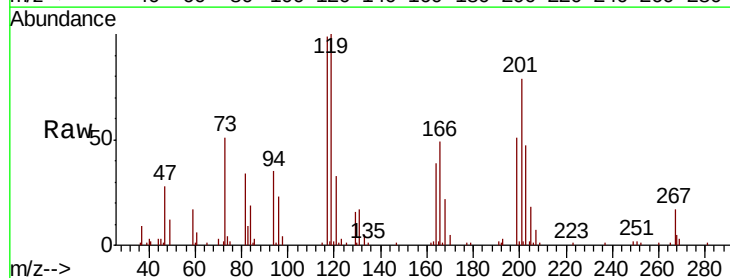
Manual Integrations
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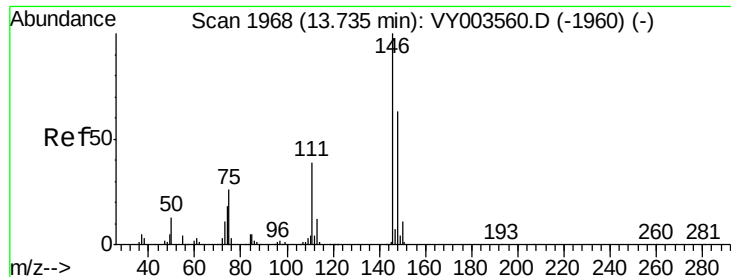
MMDadoda
11/23/2020 1:39:39 PM



#90
Hexachloroethane
Concen: 21.040 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	41.3	123.9





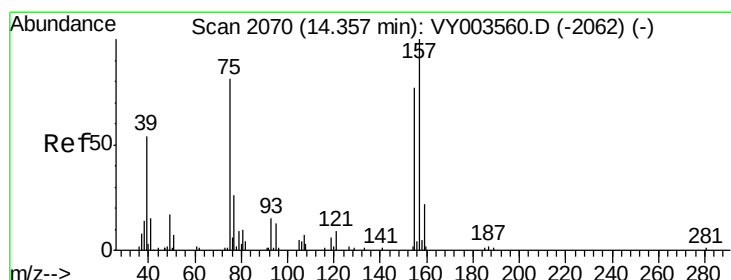
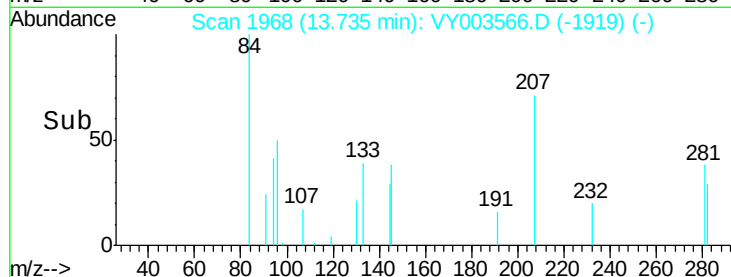
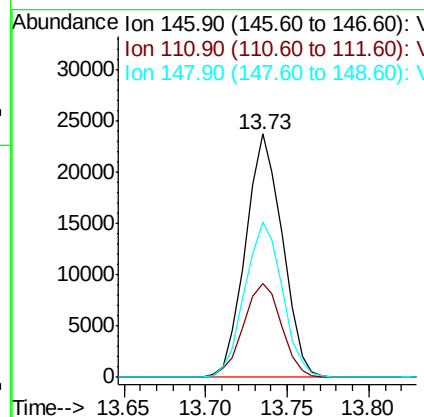
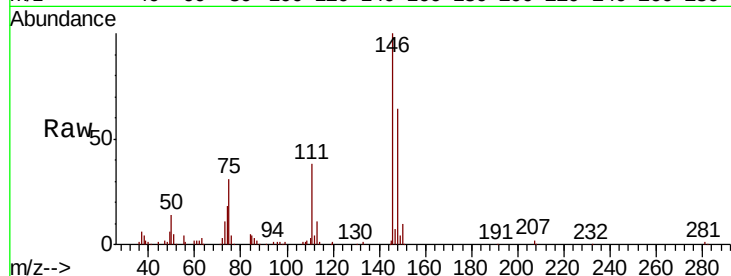
#91
 1,2-Dichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.9	56.5
148	65.1	31.9	95.7

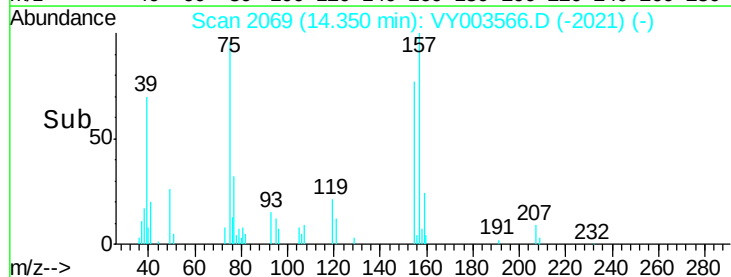
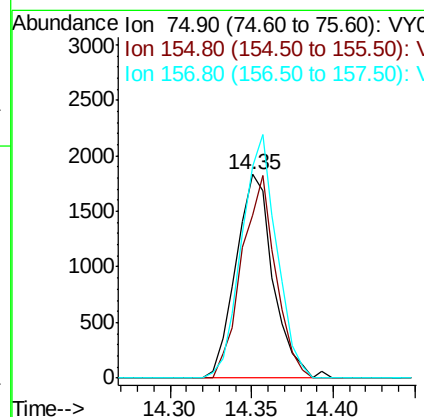
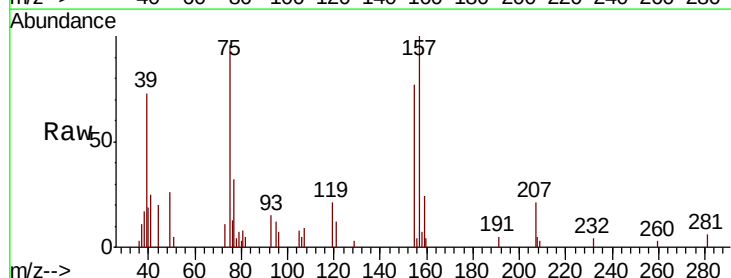
Manual Integrations
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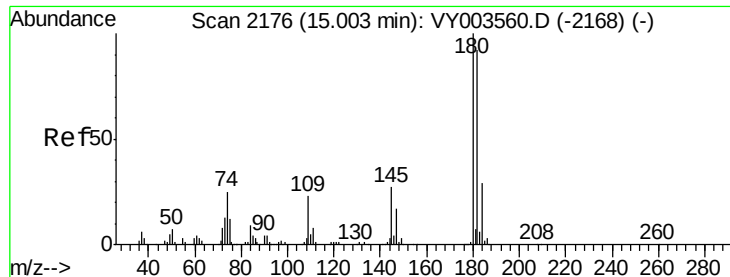
MMDadoda
 11/23/2020 1:39:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.017 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. -0.01 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.5	45.4	136.2
157	112.5	59.7	179.1





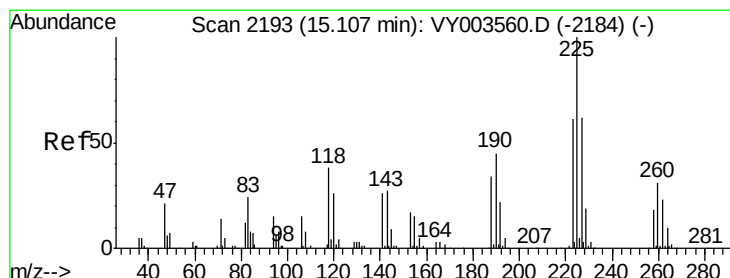
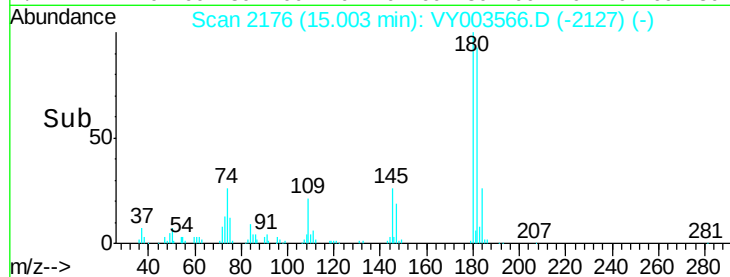
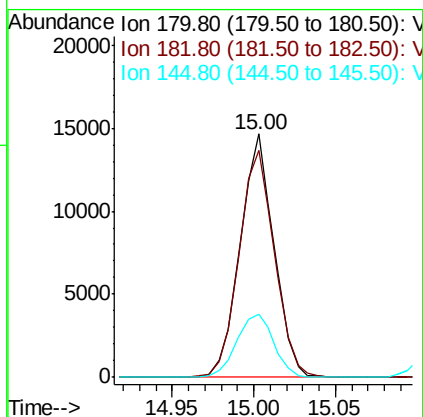
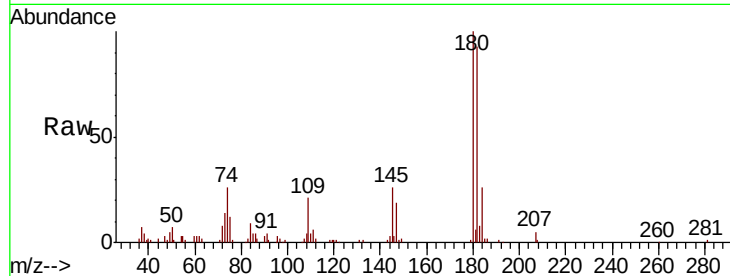
#93
 1,2,4-Trichlorobenzene
 Concen: 20.207 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1120SBS01

Tot Ion:	180	Resp:	21147
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.4	142.3
145	28.2	14.1	42.4

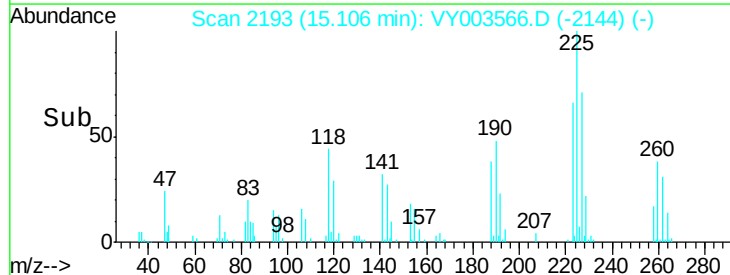
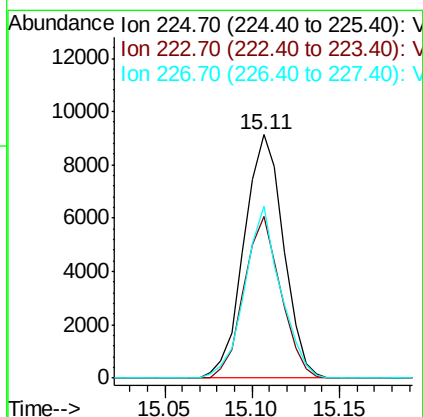
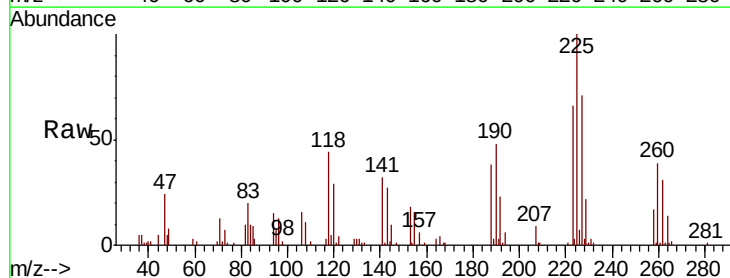
Manual Integrations
 APPROVED

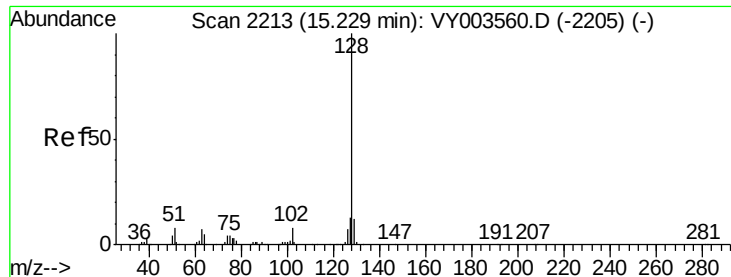
MMDadoda
 11/23/2020 1:39:39 PM



#94
 Hexachlorobutadiene
 Concen: 22.888 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY003566.D
 Acq: 20 Nov 2020 14:42

Tgt Ion:	225	Resp:	14337
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.0	96.0
227	64.1	31.6	94.7





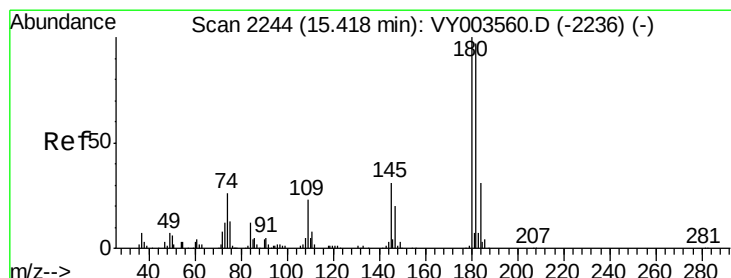
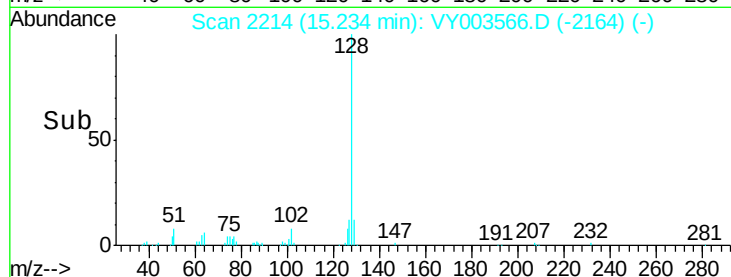
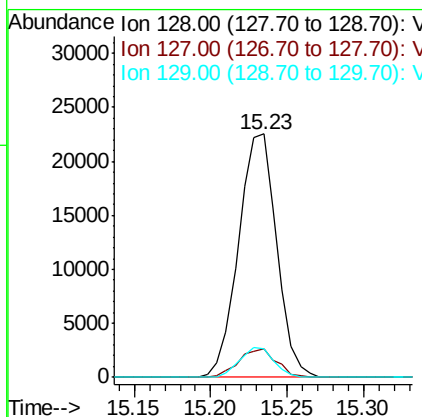
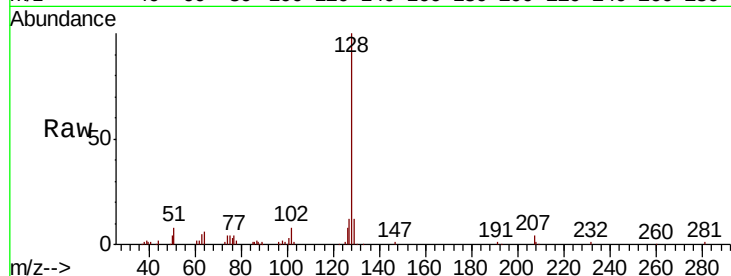
#95
Naphthalene
Concen: 21.816 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Instrument :
MSVOA_Y
ClientSampleId :
VY1120SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.3	15.5
129	11.2	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
11/23/2020 1:39:39 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.368 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VY003566.D
Acq: 20 Nov 2020 14:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	47.4	142.2
145	30.3	15.5	46.5

