

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000422.D
 Acq On : 25 Oct 2019 12:30
 Operator : SY/MD
 Sample : VY1025SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:38:39 PM

Quant Time: Oct 26 02:08:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	208926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	344646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	110652	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	7.73	113	100855	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	10.18	98	396465	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.48	95	143750	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	41577	22.825	ug/l	93
3) Chloromethane	2.12	50	63533	24.886	ug/l	98
4) Vinyl Chloride	2.25	62	55223	21.433	ug/l	97
5) Bromomethane	2.63	94	34491	18.063	ug/l	95
6) Chloroethane	2.79	64	36731	22.094	ug/l	97
7) Trichlorofluoromethane	3.13	101	77772	22.067	ug/l	99
8) Diethyl Ether	3.54	74	26756	21.489	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48483	22.683	ug/l	98
10) Methyl Iodide	4.10	142	49283	16.990	ug/l	99
11) Tert butyl alcohol	4.98	59	23954	103.862	ug/l	96
12) 1,1-Dichloroethene	3.88	96	47586	22.552	ug/l	86
13) Acrolein	3.73	56	19011	70.308	ug/l	93
14) Allyl chloride	4.49	41	76948	22.005	ug/l	98
15) Acrylonitrile	5.18	53	77198	110.775	ug/l	98
16) Acetone	3.96	43	69514	97.400	ug/l	97
17) Carbon Disulfide	4.19	76	133076	20.030	ug/l	98
18) Methyl Acetate	4.49	43	37495	21.145	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	134355	22.873	ug/l	95
20) Methylene Chloride	4.72	84	56707	20.359	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	51998	21.479	ug/l	89
22) Diisopropyl ether	6.13	45	167279	22.618	ug/l	95
23) Vinyl Acetate	6.07	43	529989	109.844	ug/l	99
24) 1,1-Dichloroethane	6.03	63	90685	22.464	ug/l	98
25) 2-Butanone	7.00	43	106528	105.959	ug/l	97
26) 2,2-Dichloropropane	6.99	77	82414	22.155	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	58300	22.255	ug/l	100
28) Bromochloromethane	7.35	49	33287	19.208	ug/l	94
29) Tetrahydrofuran	7.36	42	64238	105.430	ug/l	99
30) Chloroform	7.52	83	91172	22.426	ug/l	93
31) Cyclohexane	7.79	56	89581	21.246	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	81494	22.547	ug/l	99
36) 1,1-Dichloropropene	7.93	75	73275	21.716	ug/l	99
37) Ethyl Acetate	7.08	43	42201	21.122	ug/l	98
38) Carbon Tetrachloride	7.91	117	71080	21.756	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	92065	20.847	ug/l	93
40) Benzene	8.17	78	213659	21.911	ug/l	94
41) Methacrylonitrile	7.33	41	21491m	22.597	ug/l	
42) 1,2-Dichloroethane	8.24	62	61592	22.112	ug/l	99
43) Isopropyl Acetate	8.28	43	81922	21.564	ug/l	99
44) Trichloroethene	8.95	130	57345	20.959	ug/l	98
45) 1,2-Dichloropropane	9.22	63	53499	22.356	ug/l	93
46) Dibromomethane	9.31	93	28498	21.303	ug/l	99
47) Bromodichloromethane	9.50	83	69169	21.940	ug/l #	96
48) Methyl methacrylate	9.30	41	34553	20.753	ug/l	95
49) 1,4-Dioxane	9.30	88	8154	406.526	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	219326	111.933	ug/l	100
52) Toluene	10.25	92	136548	22.056	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	73822	21.849	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	86289	22.489	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	42261	21.728	ug/l	97
56) Ethyl methacrylate	10.51	69	59479	21.454	ug/l	96
57) 1,3-Dichloropropane	10.79	76	75589	22.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	134021	121.197	ug/l	99
59) 2-Hexanone	10.83	43	158755	115.429	ug/l	98
60) Dibromochloromethane	10.99	129	46459	21.550	ug/l	99
61) 1,2-Dibromoethane	11.09	107	41700	22.329	ug/l	97
64) Tetrachloroethene	10.72	164	58444	19.573	ug/l	96
65) Chlorobenzene	11.52	112	142508	21.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	50213	21.595	ug/l	98
67) Ethyl Benzene	11.60	91	262674	21.407	ug/l	98
68) m/p-Xylenes	11.70	106	198700	42.359	ug/l	98
69) o-Xylene	12.03	106	94418	21.099	ug/l	99
70) Styrene	12.05	104	161826	21.443	ug/l	99
71) Bromoform	12.21	173	28383	21.234	ug/l #	100
73) Isopropylbenzene	12.33	105	250753	21.422	ug/l	98
74) N-amyl acetate	12.14	43	73384	25.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51643	23.498	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	39373m	21.329	ug/l	
77) Bromobenzene	12.61	156	58106	22.308	ug/l	96
78) n-propylbenzene	12.67	91	308741	21.968	ug/l	100
79) 2-Chlorotoluene	12.75	91	172538	22.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	215171	21.922	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17330	20.540	ug/l	96
82) 4-Chlorotoluene	12.85	91	179669	21.899	ug/l	99
83) tert-Butylbenzene	13.08	119	184924	22.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	212510	21.937	ug/l	100
85) sec-Butylbenzene	13.25	105	265030	22.041	ug/l	99
86) p-Isopropyltoluene	13.37	119	234752	22.393	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	115810	22.566	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	117003	22.809	ug/l	97
89) n-Butylbenzene	13.69	91	227853	21.995	ug/l	100
90) Hexachloroethane	13.96	117	42892	22.096	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	105643	22.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8833	21.191	ug/l	97

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ClientSampleId :
VY1025SBSD01

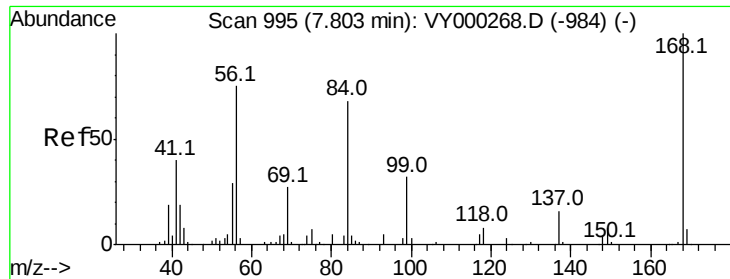
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	74900	23.163	ug/l	98
94) Hexachlorobutadiene	15.11	225	38498	21.999	ug/l	96
95) Naphthalene	15.23	128	164248	22.761	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	67265	23.081	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:168 Resp: 208926

Ion Ratio Lower Upper

168 100

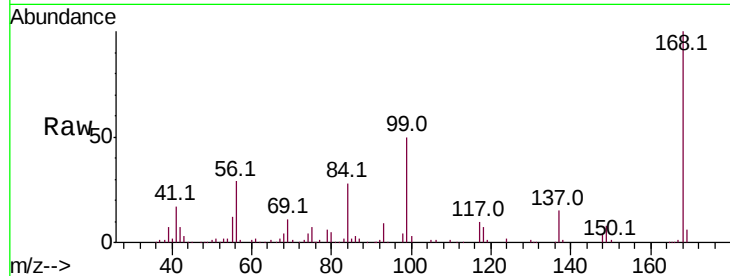
99 49.7 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000422.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000422.D (-946) (-)

7.80

100000

80000

60000

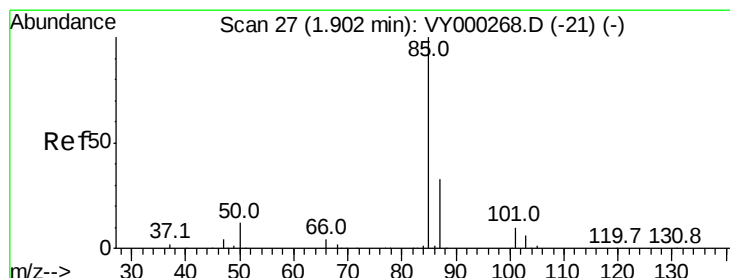
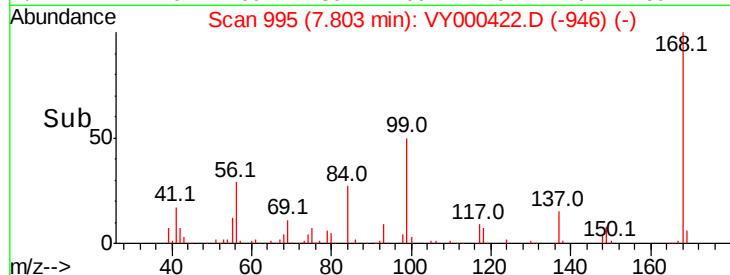
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.825 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000422.D

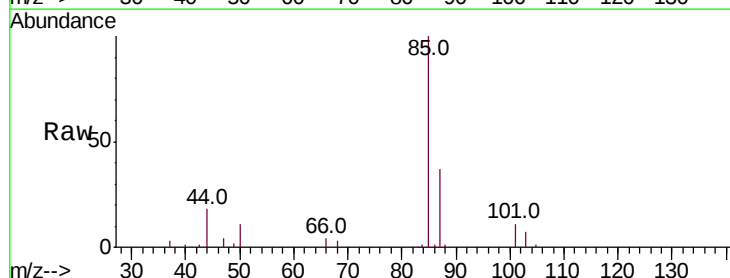
Acq: 25 Oct 2019 12:30

Tgt Ion: 85 Resp: 41577

Ion Ratio Lower Upper

85 100

87 37.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000422.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000422.D (-1) (-)

1.90

25000

20000

15000

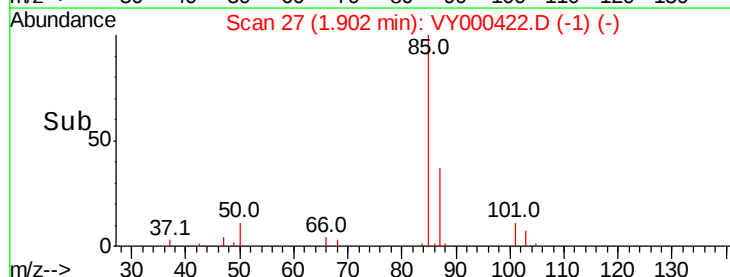
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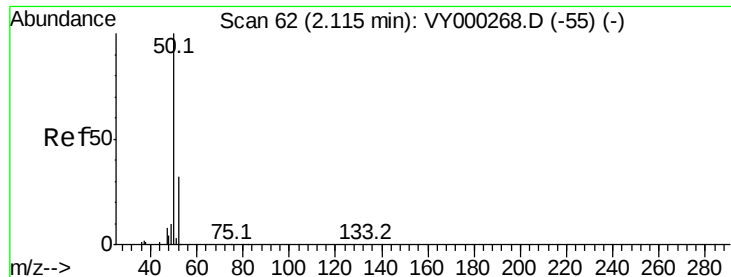
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 24.886 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 50 Resp: 63533

Ion Ratio Lower Upper

50 100

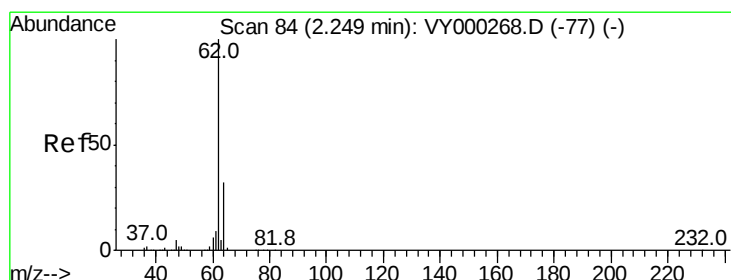
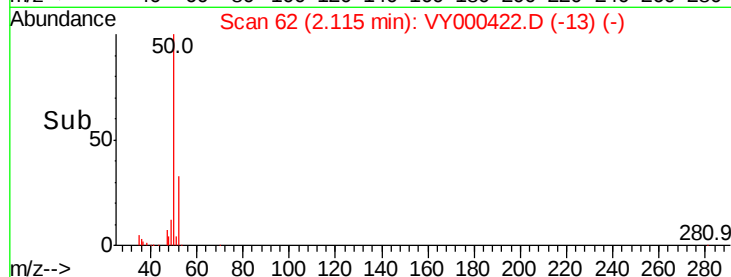
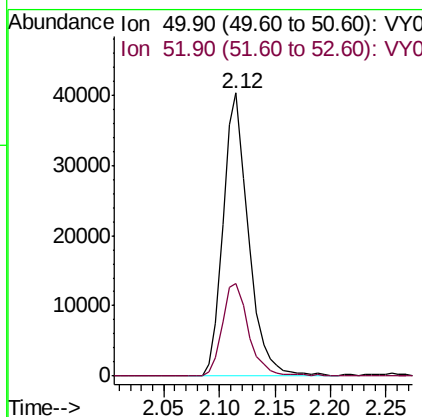
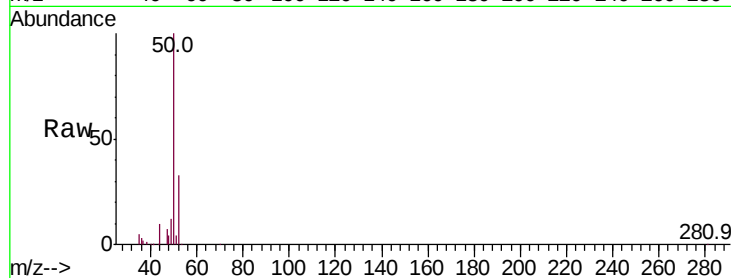
52 32.9 25.3 37.9

Manual Integrations

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10/28/2019 12:38:39 PM



#4

Vinyl Chloride

Concen: 21.433 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000422.D

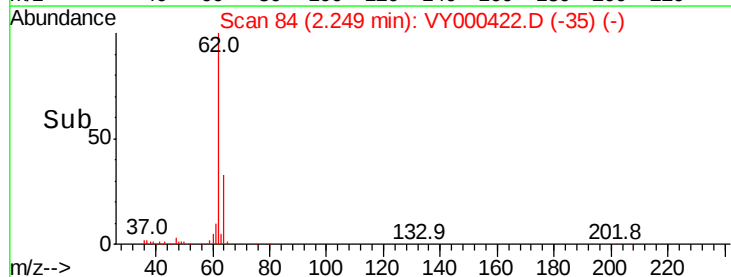
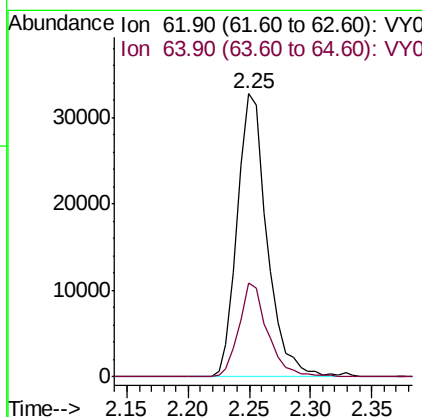
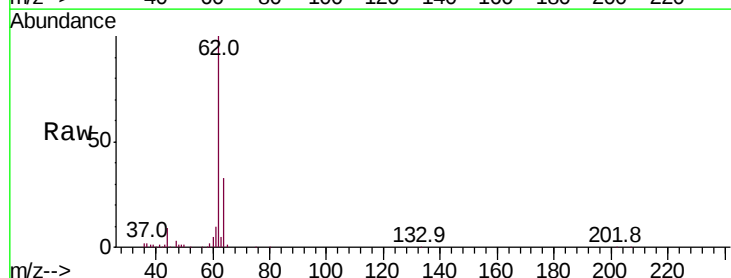
Acq: 25 Oct 2019 12:30

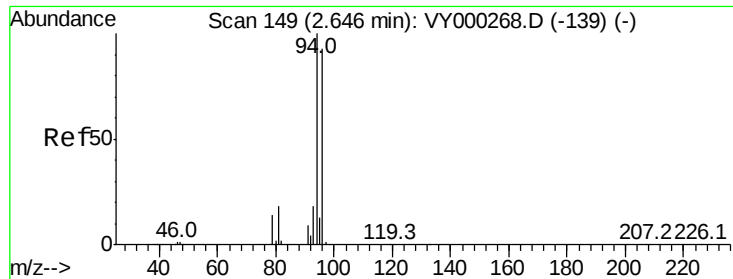
Tgt Ion: 62 Resp: 55223

Ion Ratio Lower Upper

62 100

64 33.4 25.6 38.4





#5

Bromomethane

Concen: 18.063 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 94 Resp: 34491

Ion Ratio Lower Upper

94 100

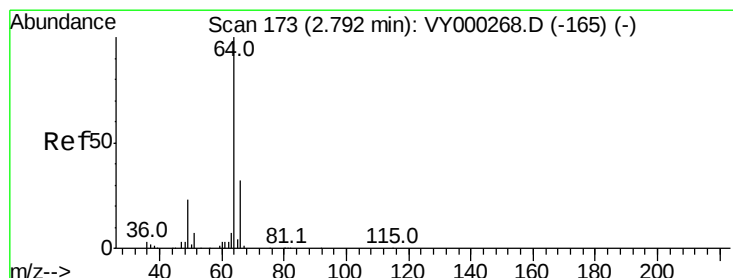
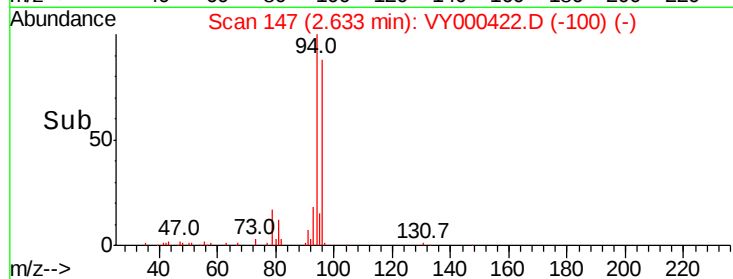
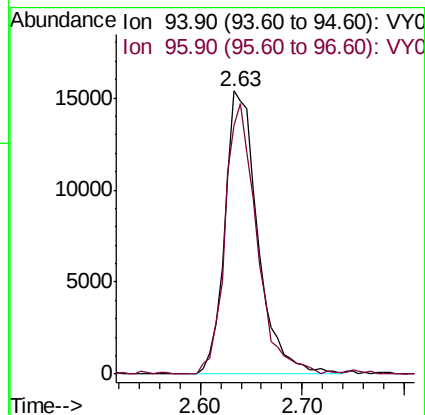
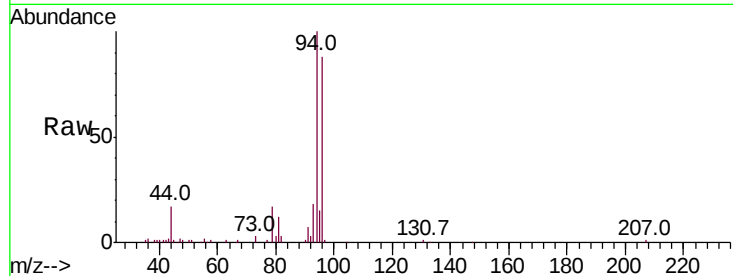
96 87.7 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 22.094 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000422.D

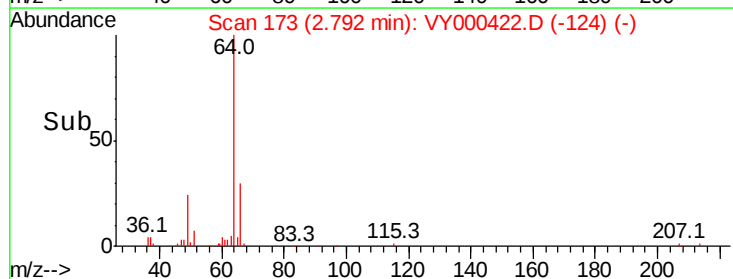
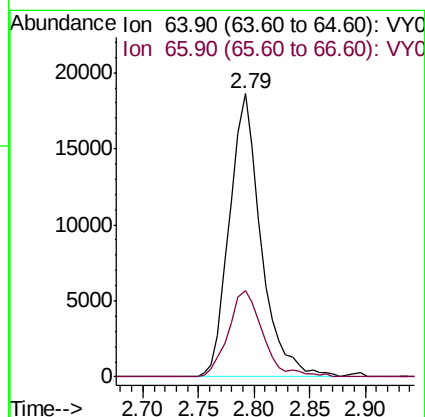
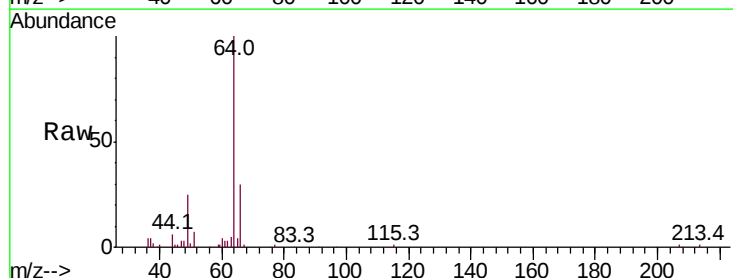
Acq: 25 Oct 2019 12:30

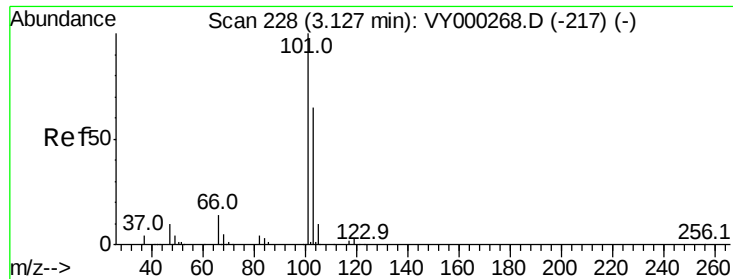
Tgt Ion: 64 Resp: 36731

Ion Ratio Lower Upper

64 100

66 30.4 25.6 38.4





#7

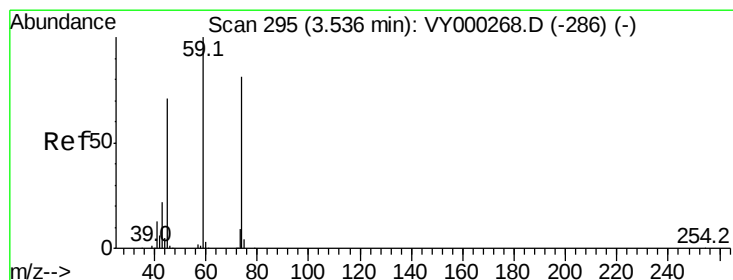
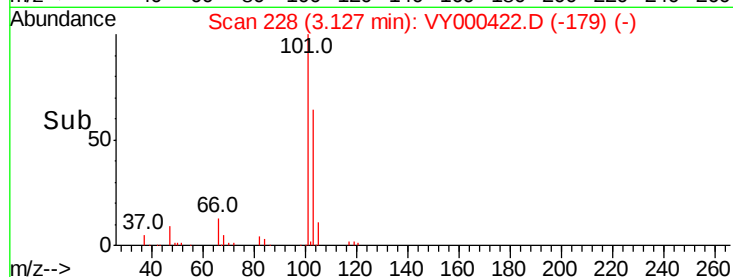
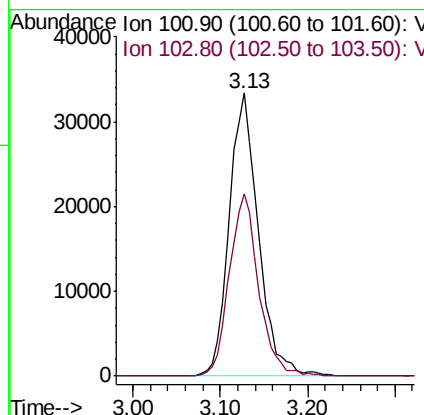
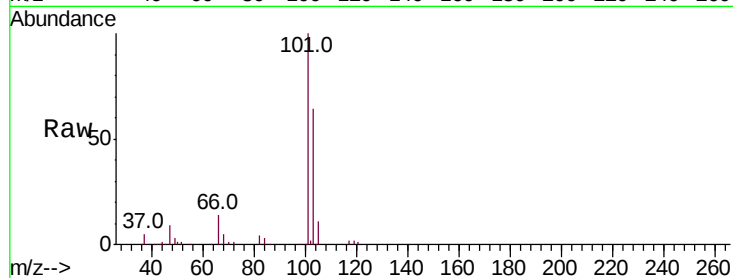
Trichlorofluoromethane
 Concen: 22.067 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
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 ClientSampleId :
 VY1025SBS01

Tot Ion	Ion	Ratio	Lower	Upper
77772	101	100		
	103	64.3	52.2	78.4

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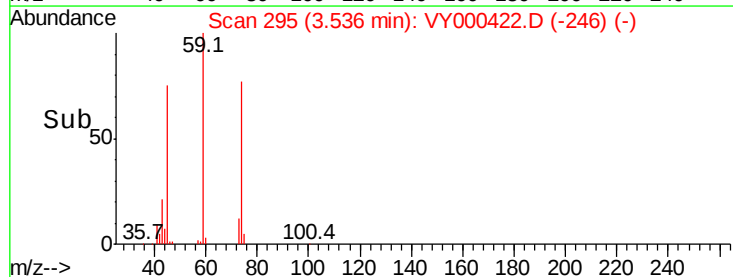
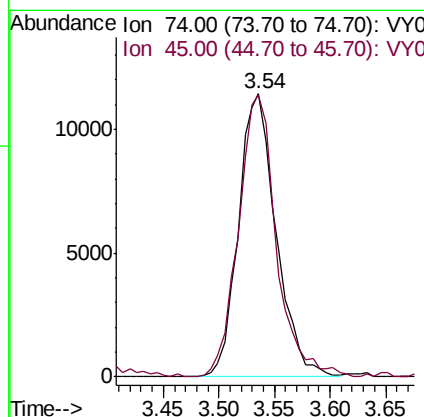
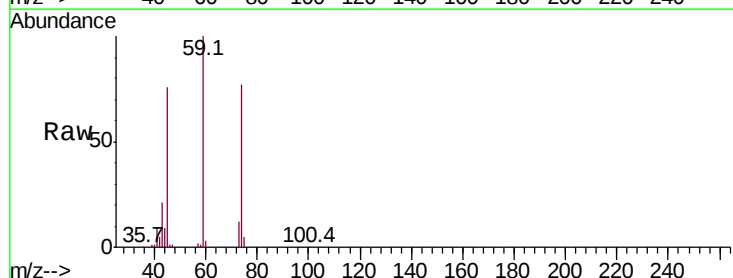
MMDadoda
 10/28/2019 12:38:39 PM

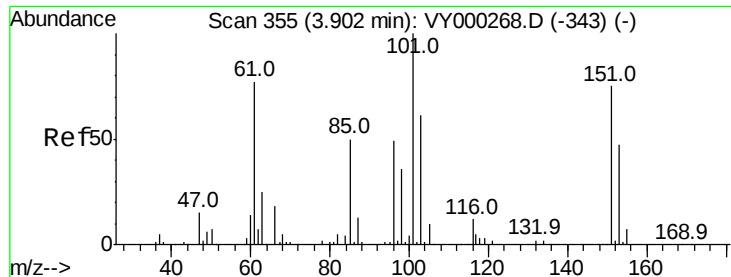


#8

Diethyl Ether
 Concen: 21.489 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion	Ion	Ratio	Lower	Upper
26756	74	100		
	45	100.7	47.1	141.4





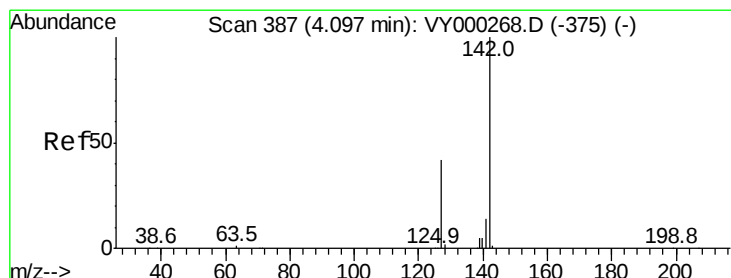
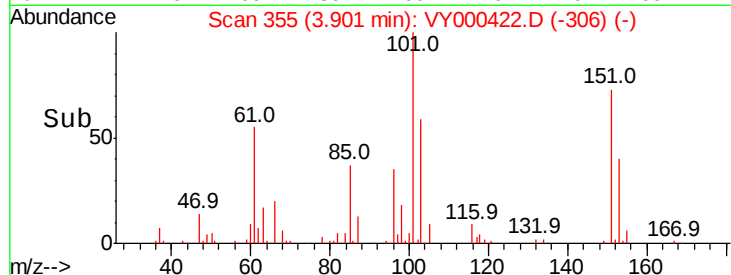
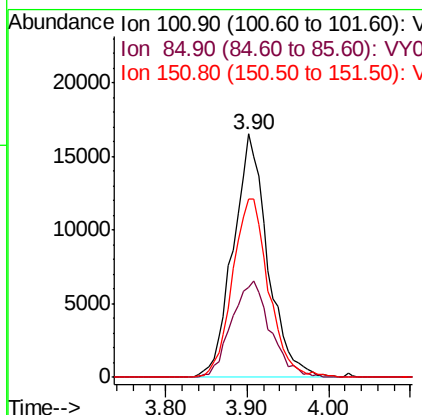
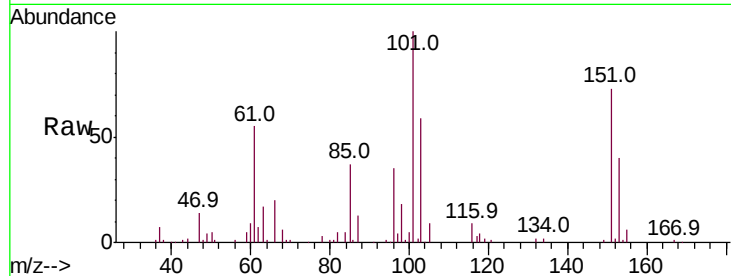
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.683 ug/l
 RT: 3.90 min Scan# 355
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion:	101	Resp:	48483
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.6	55.0
151	76.7	63.1	94.7

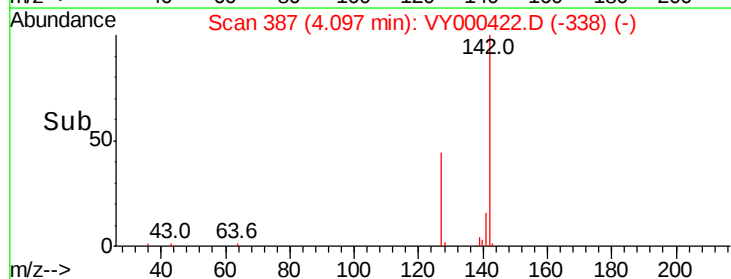
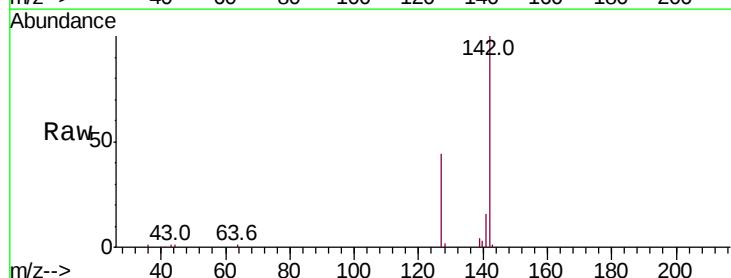
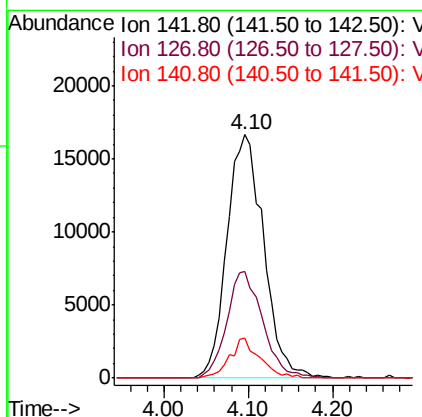
Manual Integrations
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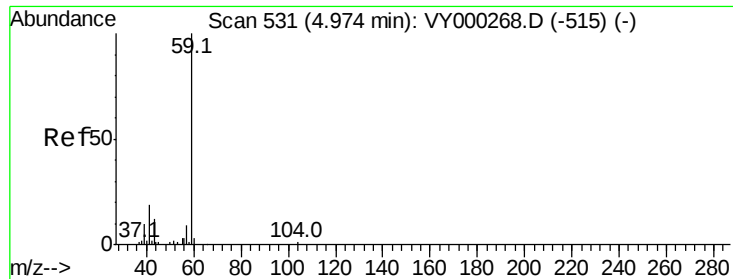
MMDadoda
 10/28/2019 12:38:39 PM



#10
 Methyl Iodide
 Concen: 16.990 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion:	142	Resp:	49283
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	13.4	11.2	16.8





#11

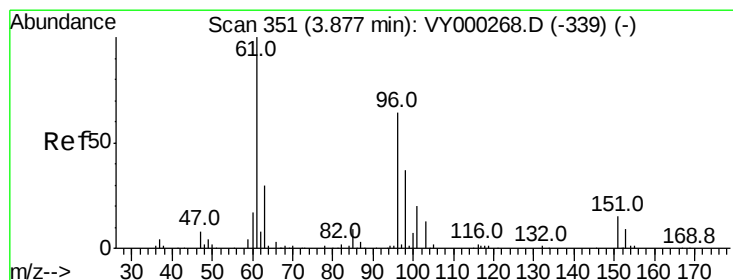
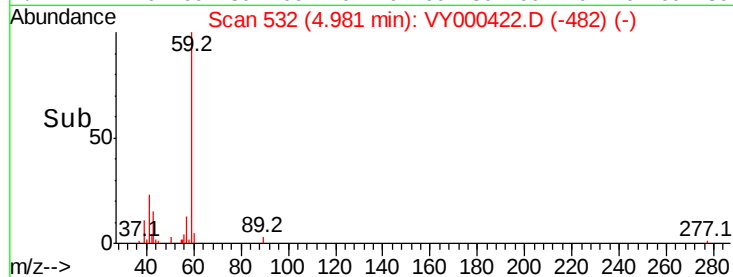
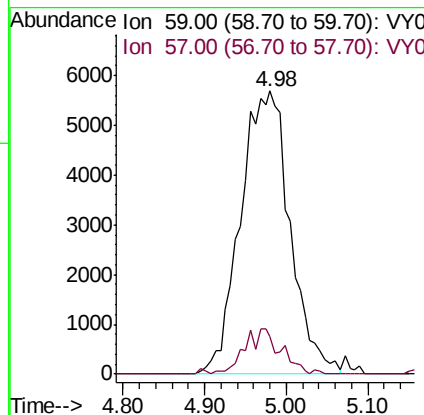
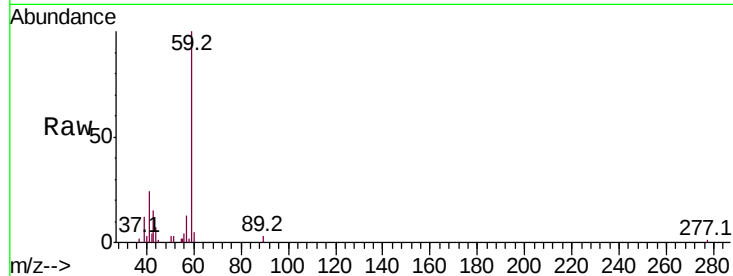
Tert butyl alcohol
Concen: 103.862 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	59	Resp	23954
Ion Ratio	100	Lower	Upper
57	11.6	8.2	12.2

Manual Integrations
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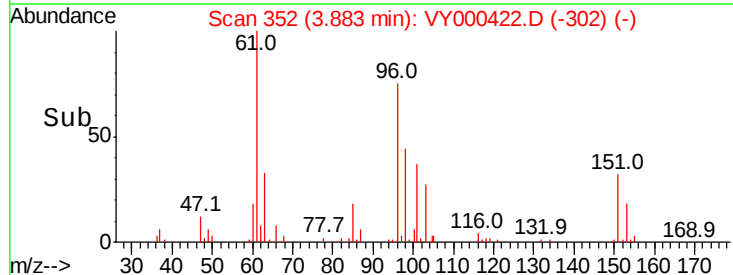
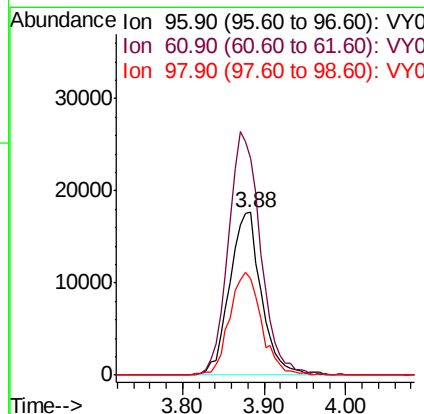
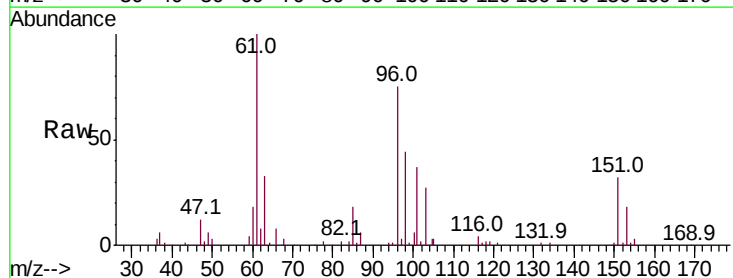
MMDadoda
10/28/2019 12:38:39 PM

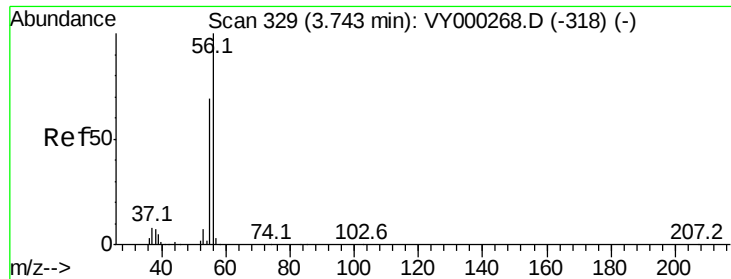


#12

1,1-Dichloroethene
Concen: 22.552 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	96	Resp	47586
Ion Ratio	100	Lower	Upper
61	133.1	125.8	188.6
98	59.1	46.2	69.2





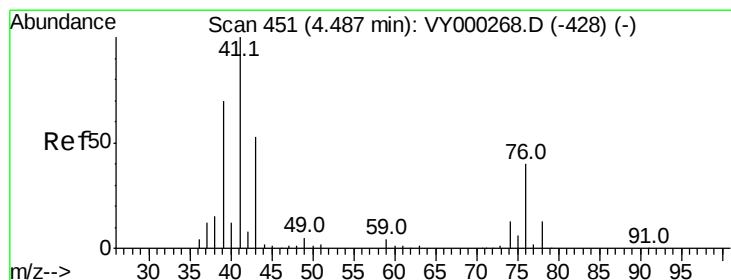
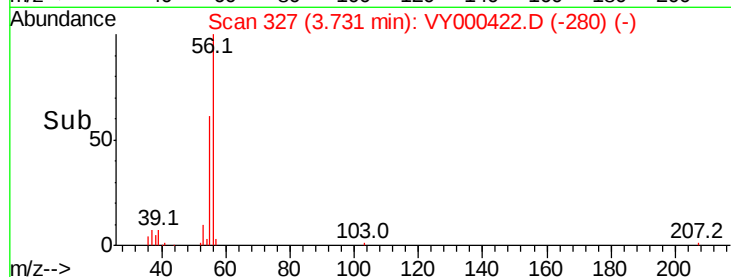
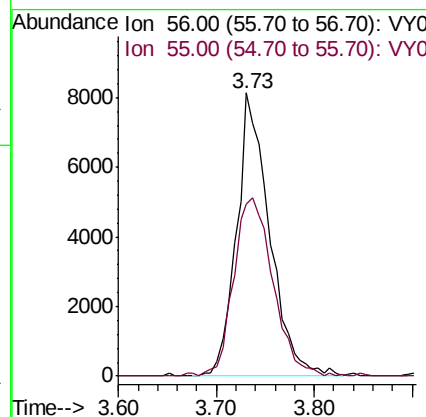
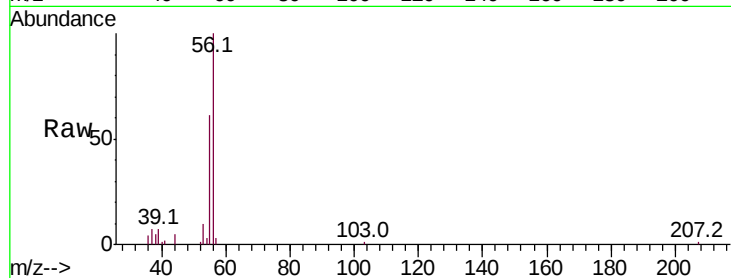
#13
 Acrolein
 Concen: 70.308 ug/l
 RT: 3.73 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	56	Resp	19011
Ion Ratio	Lower	Upper	
56	100		
55	75.4	55.7	83.5

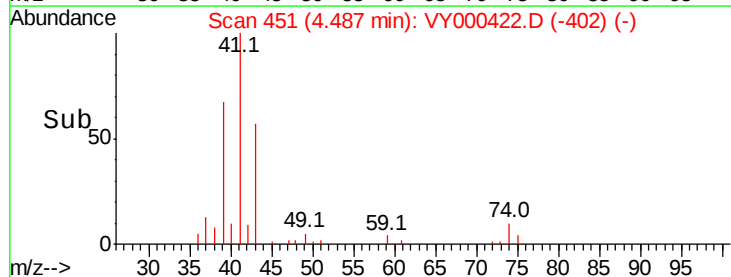
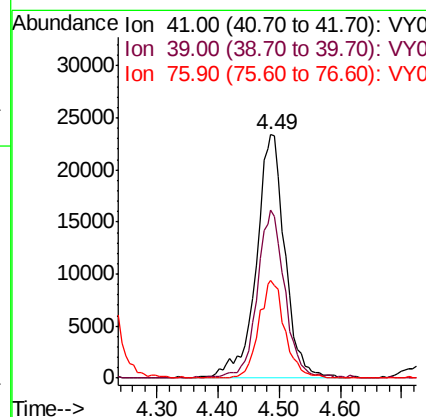
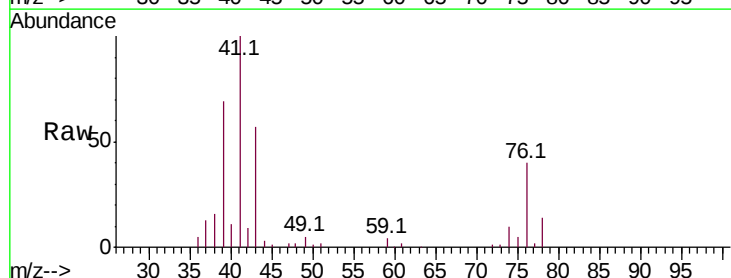
Manual Integrations
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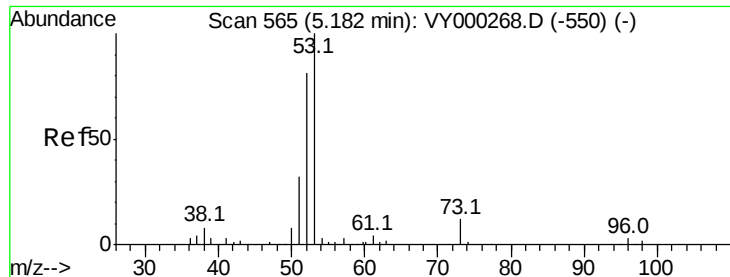
MMDadoda
 10/28/2019 12:38:39 PM



#14
 Allyl chloride
 Concen: 22.005 ug/l
 RT: 4.49 min Scan# 451
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion	41	Resp	76948
Ion Ratio	Lower	Upper	
41	100		
39	66.4	54.0	81.0
76	36.4	30.7	46.1





#15

Acrylonitrile

Concen: 110.775 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

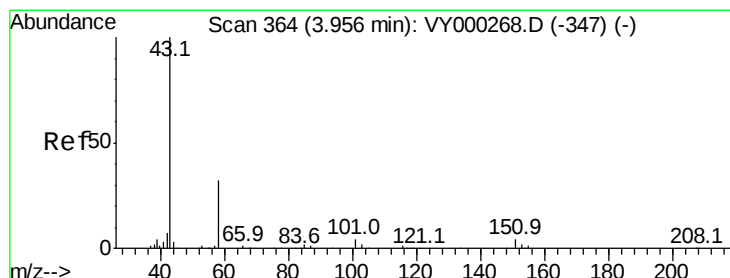
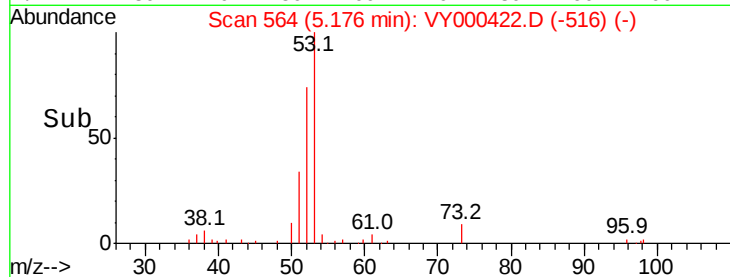
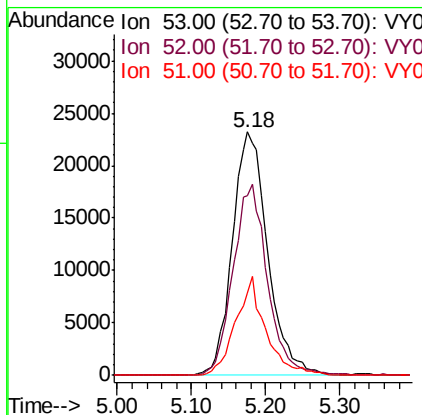
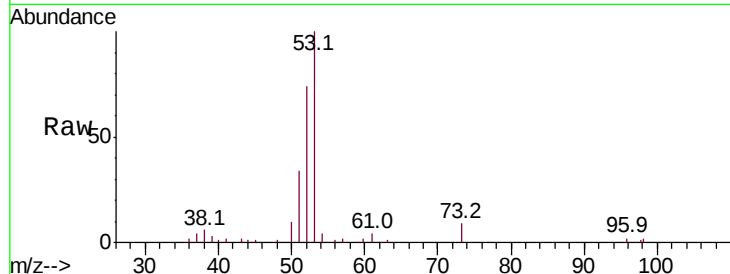
ClientSampleId :

VY1025SBS01

Tot Ion:	53	Resp:	77198
Ion Ratio	Lower	Upper	
53	100		
52	76.4	62.9	94.3
51	34.5	26.9	40.3

Manual Integrations
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MMDadoda
10/28/2019 12:38:39 PM



#16

Acetone

Concen: 97.400 ug/l

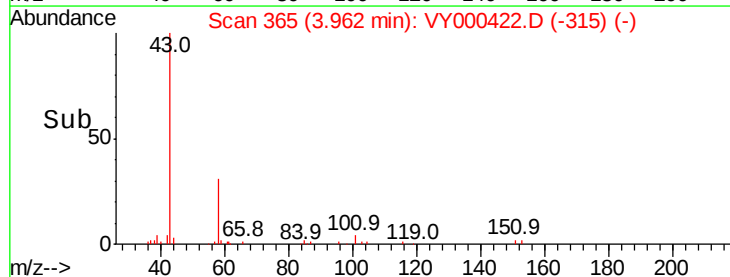
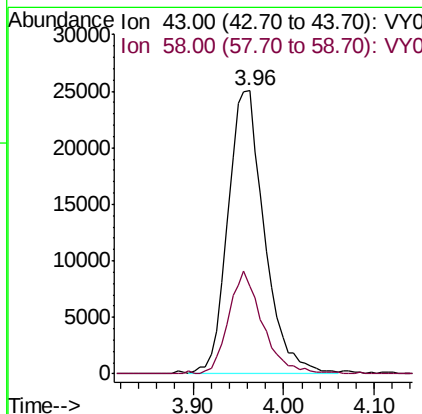
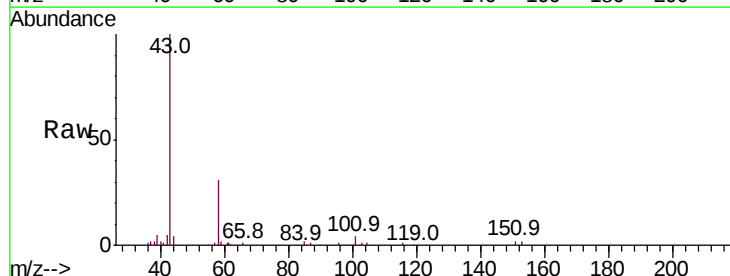
RT: 3.96 min Scan# 365

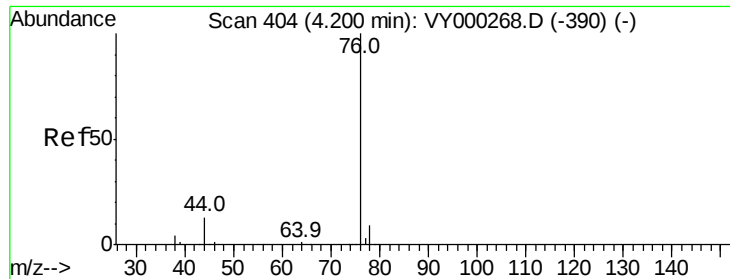
Delta R.T. 0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion:	43	Resp:	69514
Ion Ratio	Lower	Upper	
43	100		
58	30.6	25.8	38.6





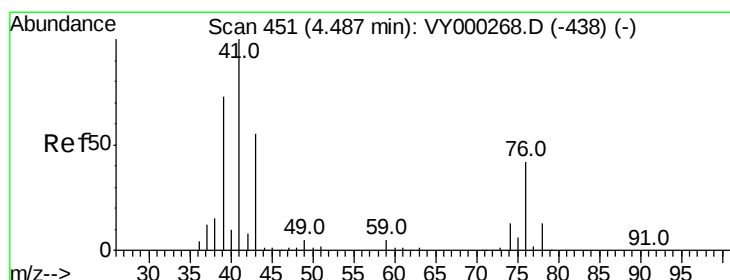
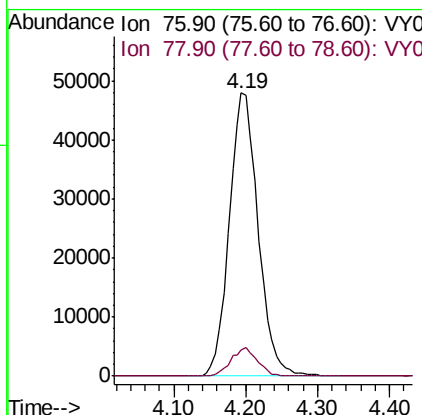
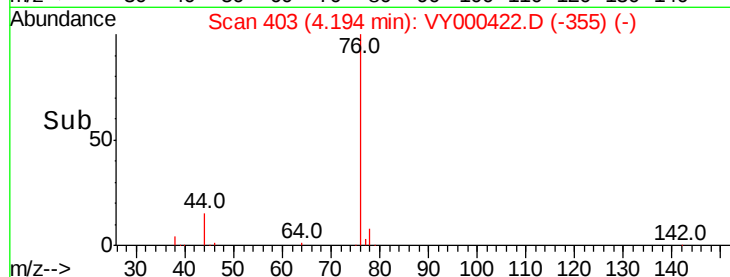
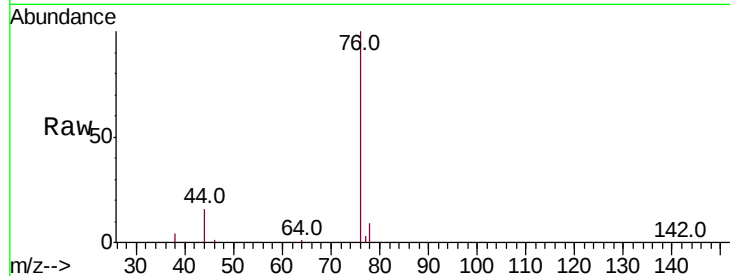
#17
Carbon Disulfide
Concen: 20.030 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

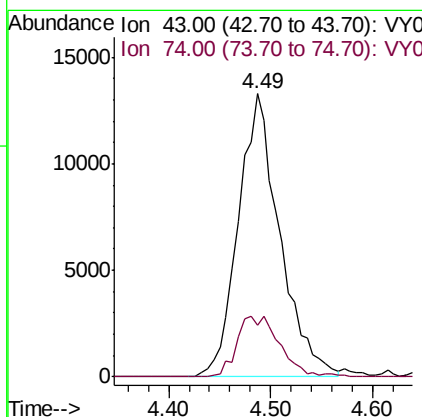
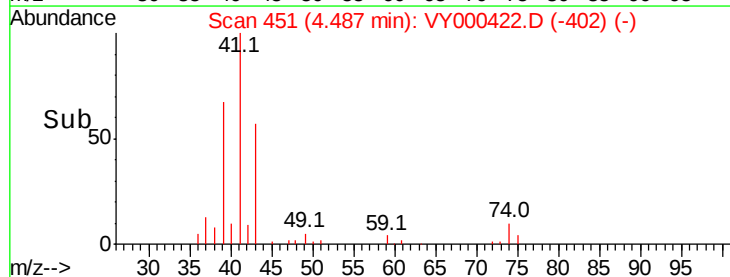
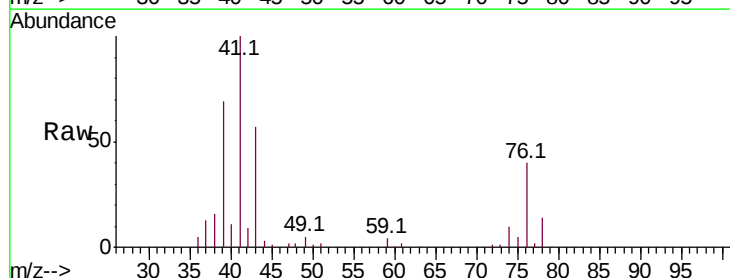
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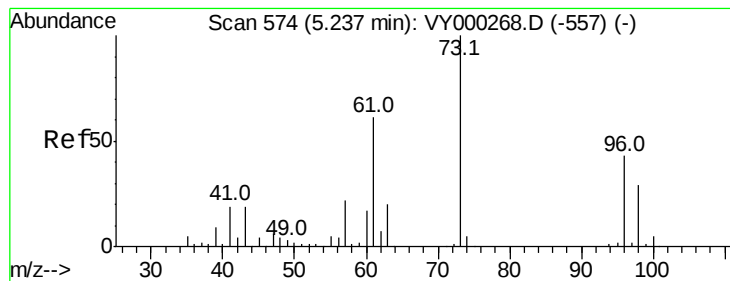
MMDadoda
10/28/2019 12:38:39 PM



#18
Methyl Acetate
Concen: 21.145 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	20.4	30.6





#19

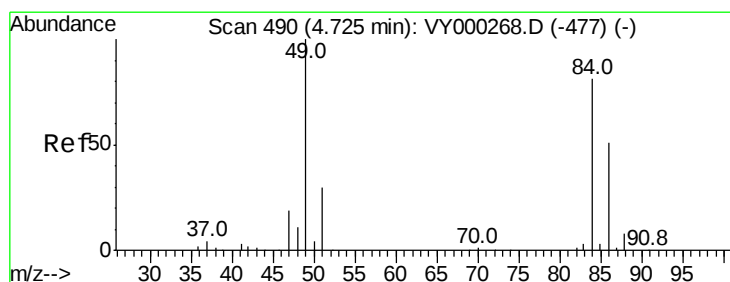
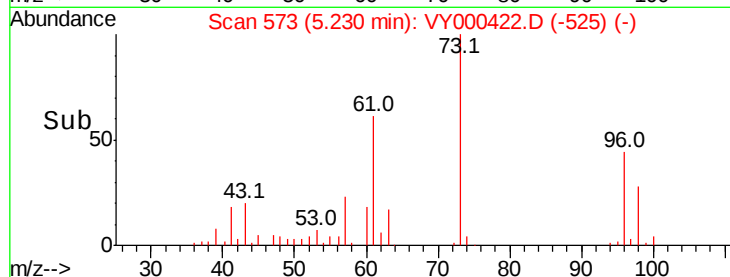
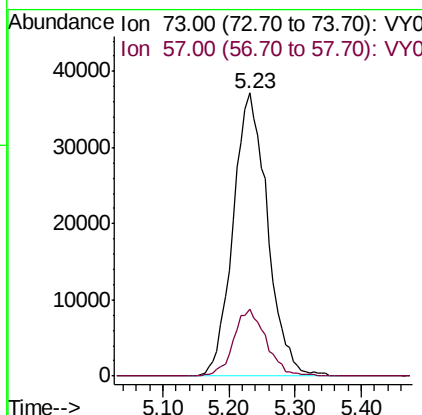
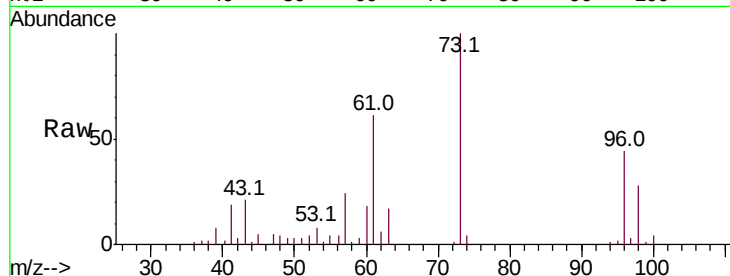
Methyl tert-butyl Ether
 Concen: 22.873 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.4	26.0

Manual Integrations
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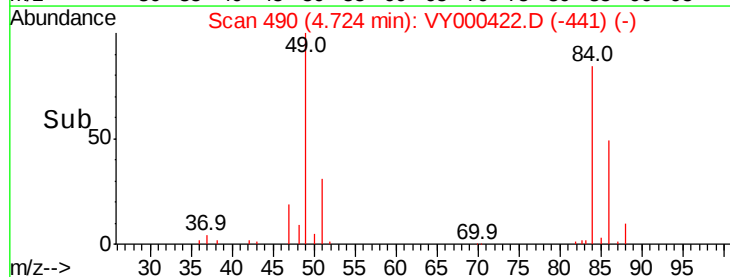
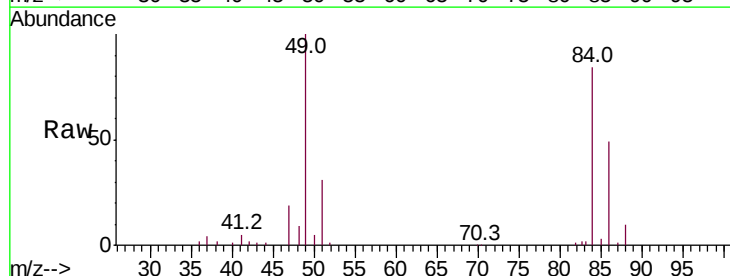
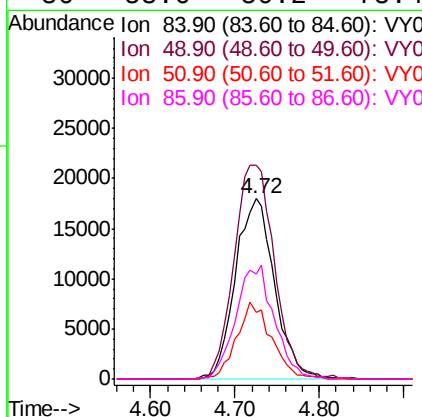
MMDadoda
 10/28/2019 12:38:39 PM

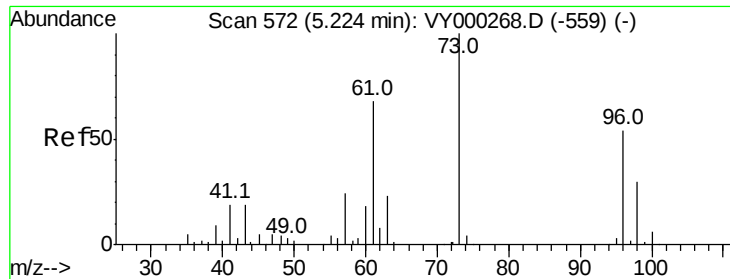


#20

Methylene Chloride
 Concen: 20.359 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.5	99.0	148.4
51	36.8	29.3	43.9
86	58.6	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 21.479 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 96 Resp: 51998

Ion Ratio Lower Upper

96 100

61 138.7 100.4 150.6

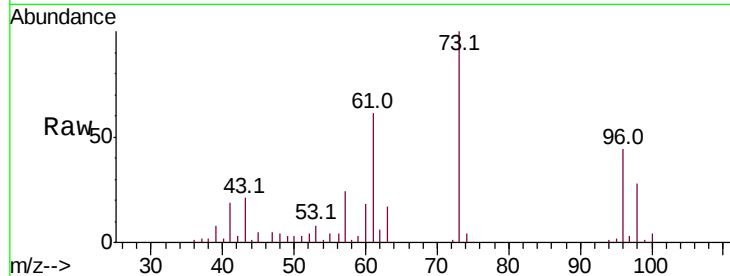
98 63.4 44.6 66.8

Manual Integrations

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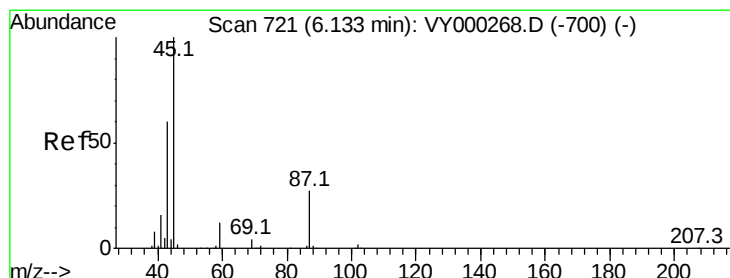
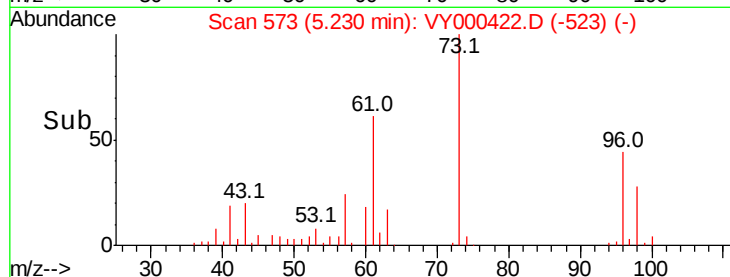
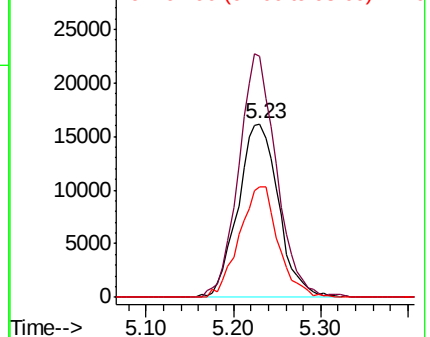


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.618 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion: 45 Resp: 167279

Ion Ratio Lower Upper

45 100

43 56.6 48.5 72.7

87 29.9 21.5 32.3

59 13.0 9.4 14.0

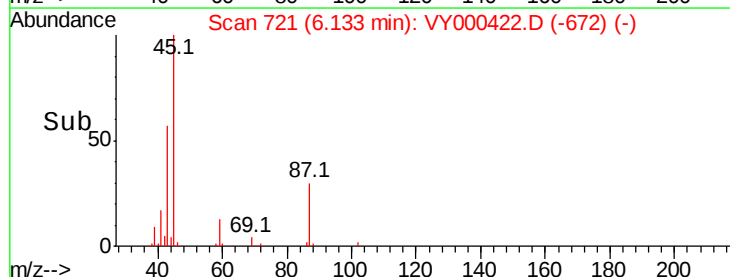
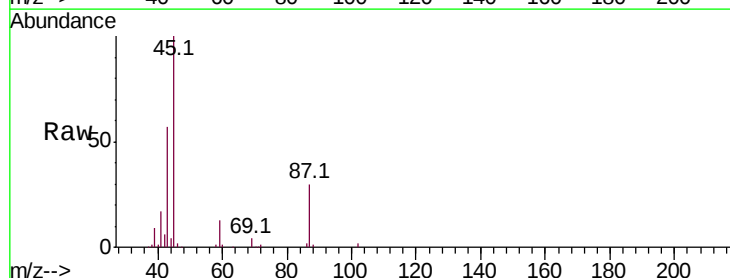
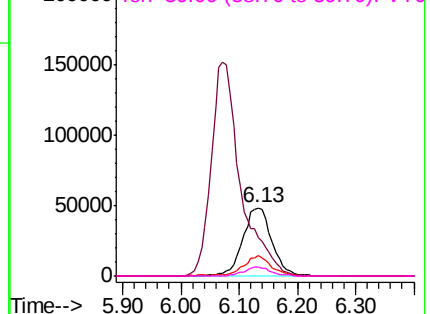
Abundance

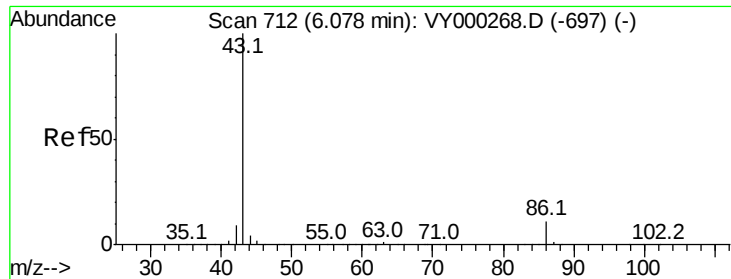
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 109.844 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 43 Resp: 529989

Ion Ratio Lower Upper

43 100

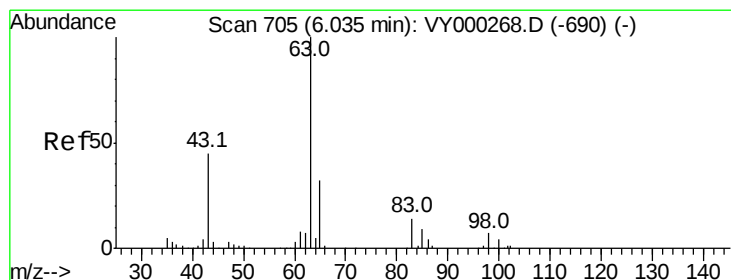
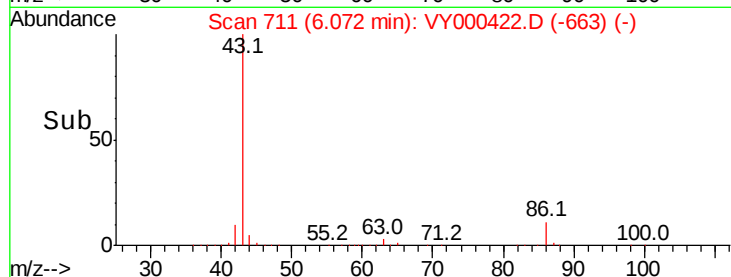
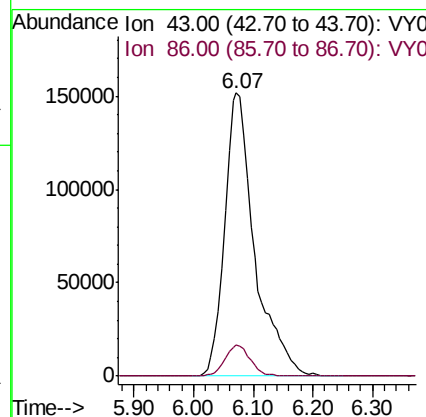
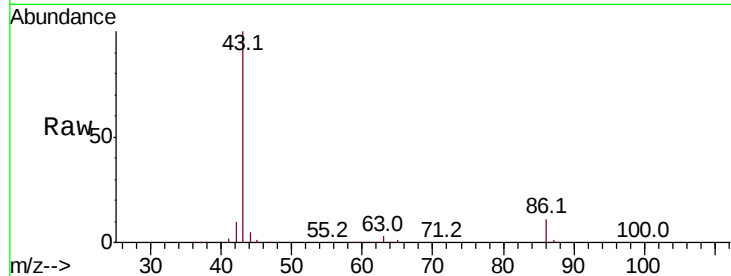
86 11.0 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.464 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

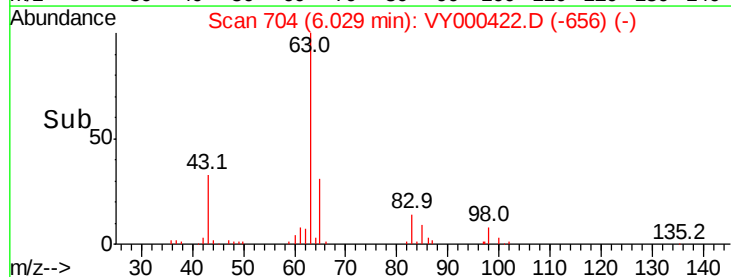
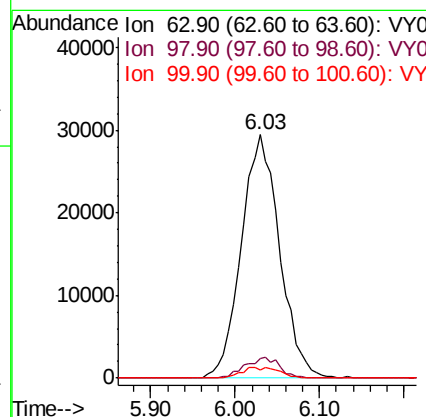
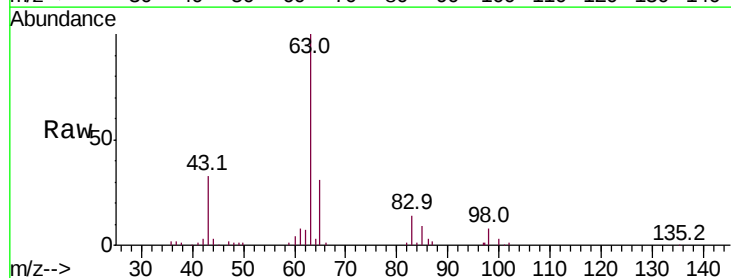
Tgt Ion: 63 Resp: 90685

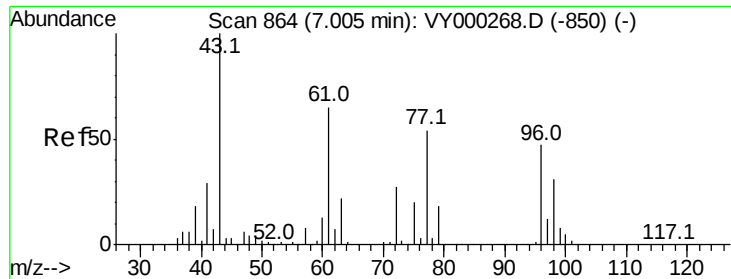
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 3.4 2.1 6.2





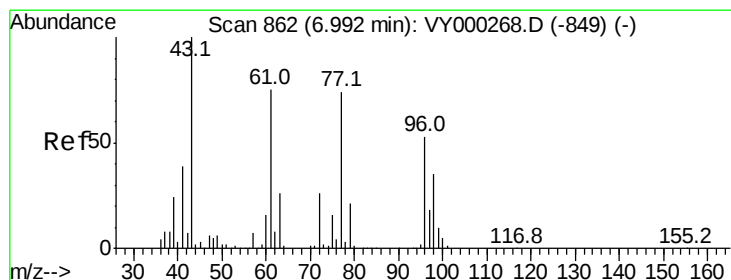
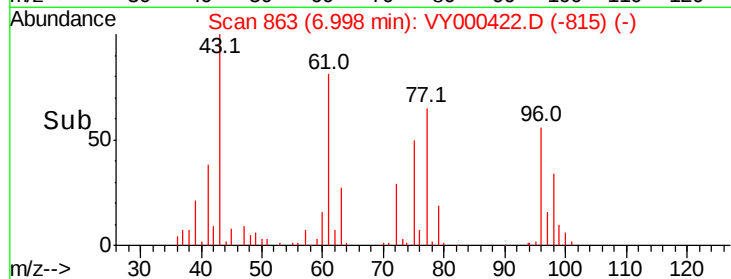
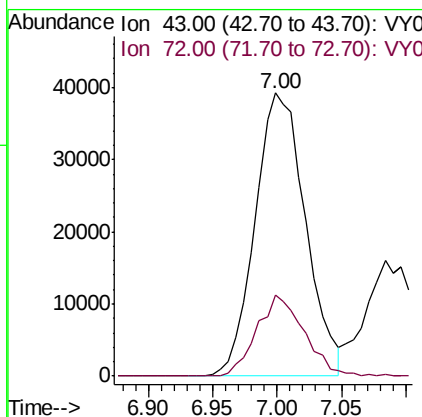
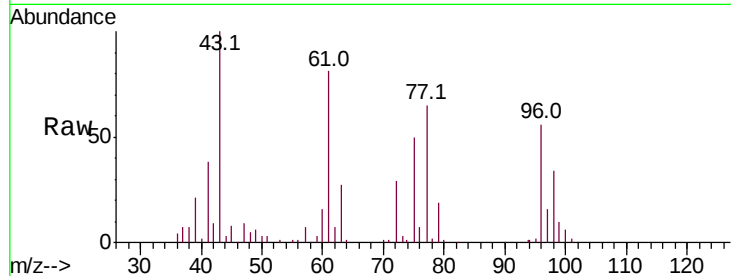
#25
2-Butanone
Concen: 105.959 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion: 43 Resp: 106528
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2

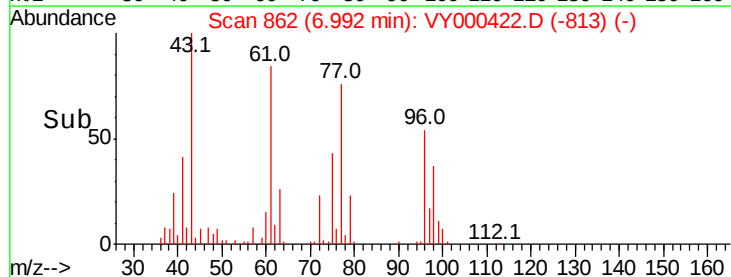
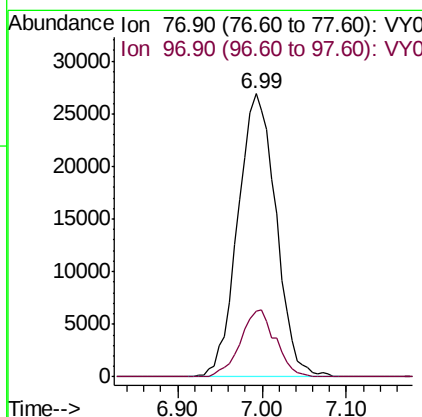
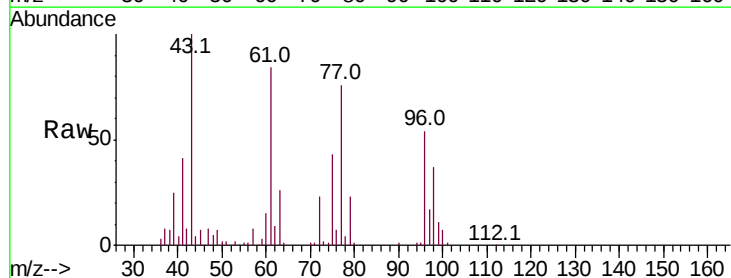
Manual Integrations
APPROVED

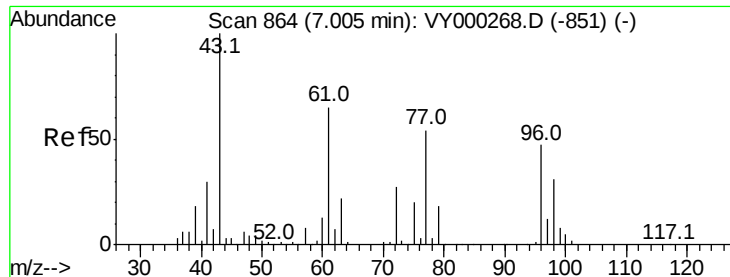
MMDadoda
10/28/2019 12:38:39 PM



#26
2,2-Dichloropropane
Concen: 22.155 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 77 Resp: 82414
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.7





#27

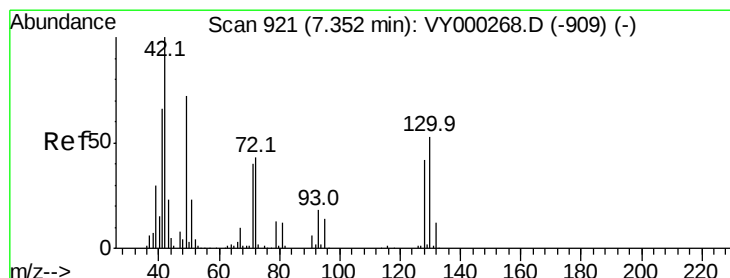
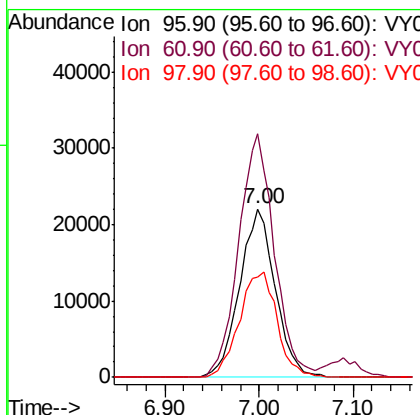
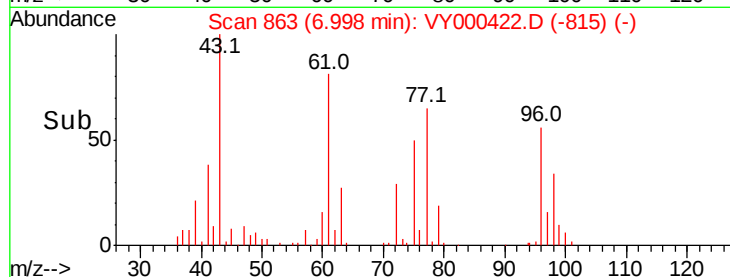
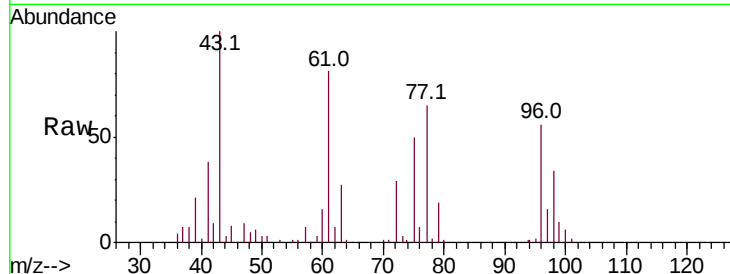
cis-1,2-Dichloroethene
Concen: 22.255 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.9	0.0	289.8
98	66.0	0.0	131.8

Manual Integrations
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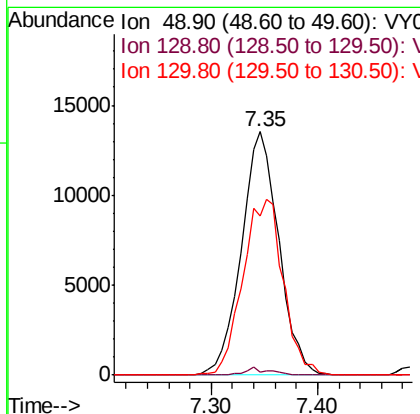
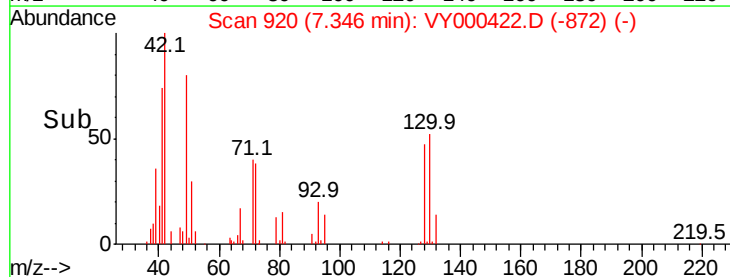
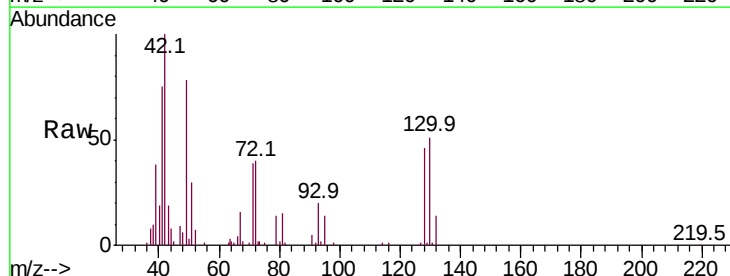
MMDadoda
10/28/2019 12:38:39 PM

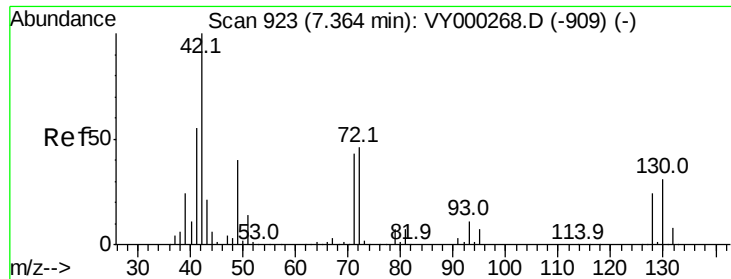


#28

Bromochloromethane
Concen: 19.208 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	77.9	58.2	87.2





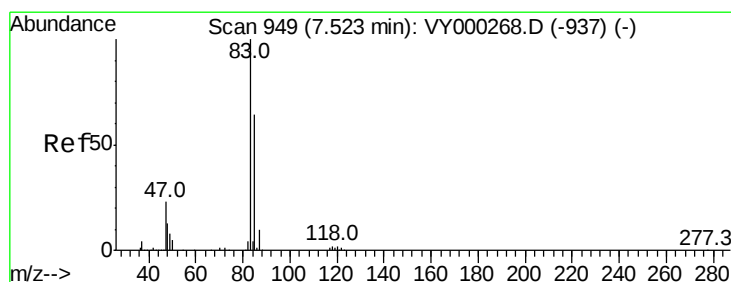
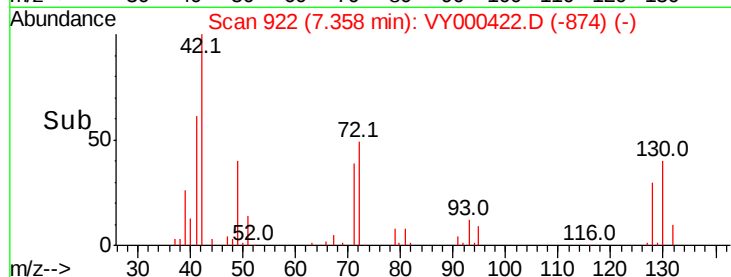
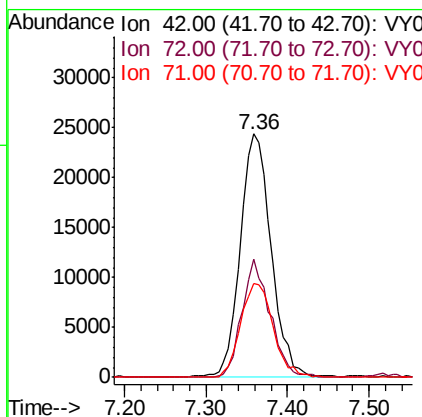
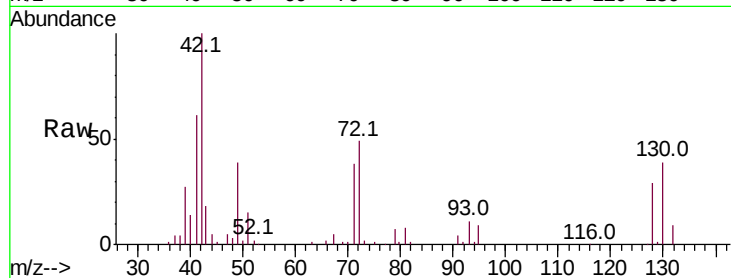
#29
Tetrahydrofuran
Concen: 105.430 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.5	51.7
71	40.6	32.7	49.1

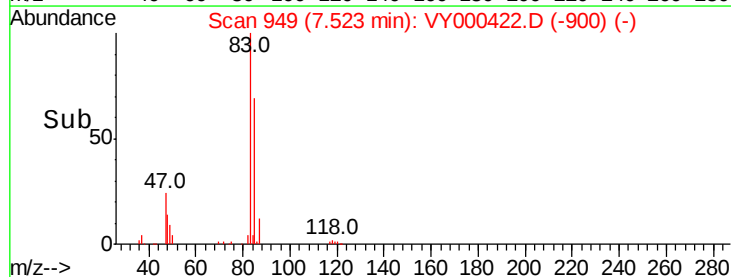
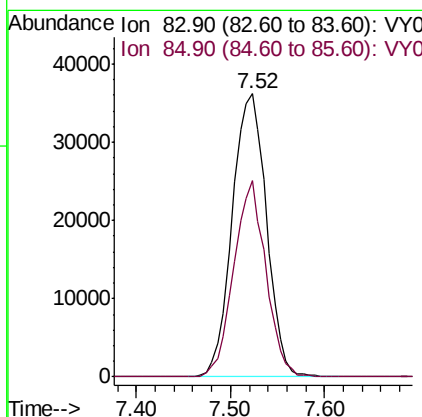
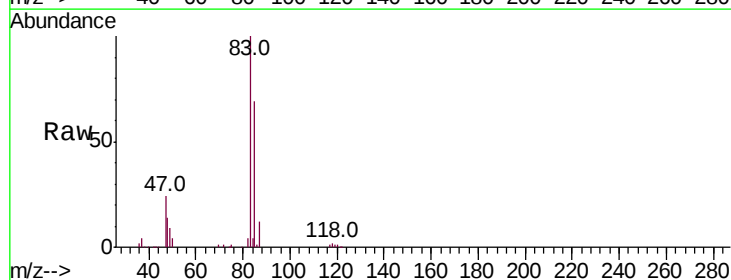
Manual Integrations
APPROVED

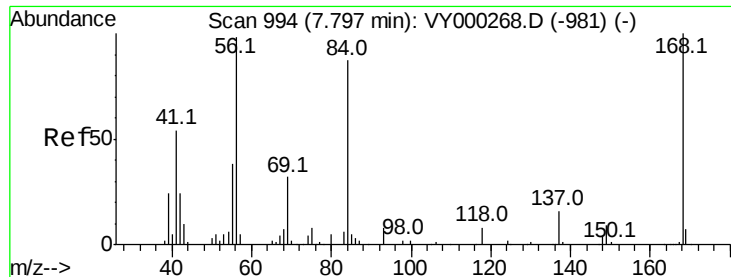
MMDadoda
10/28/2019 12:38:39 PM



#30
Chloroform
Concen: 22.426 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.4	51.4	77.2





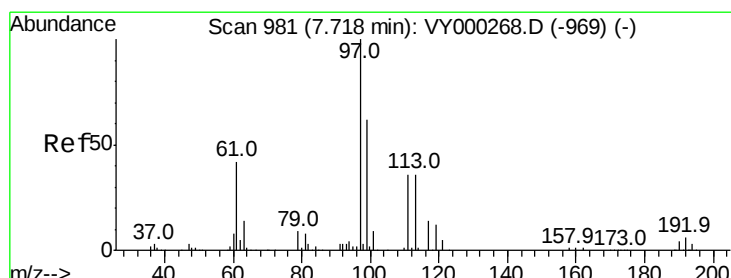
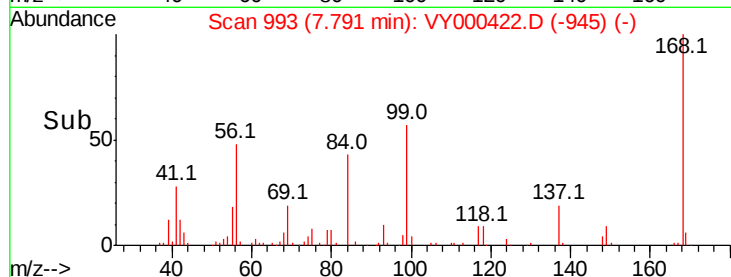
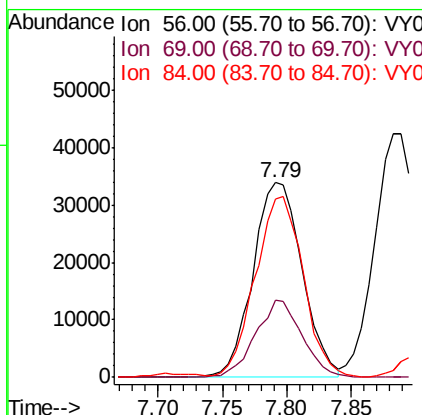
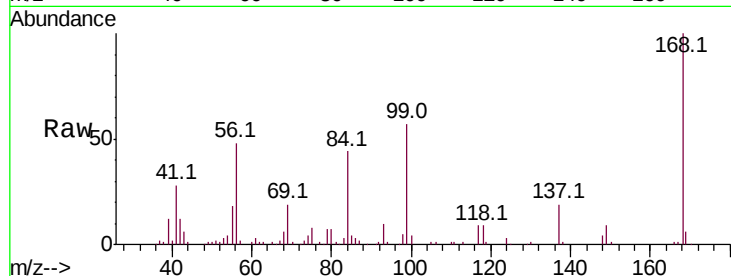
#31
Cyclohexane
Concen: 21.246 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.9	26.3	39.5
84	90.6	70.8	106.2

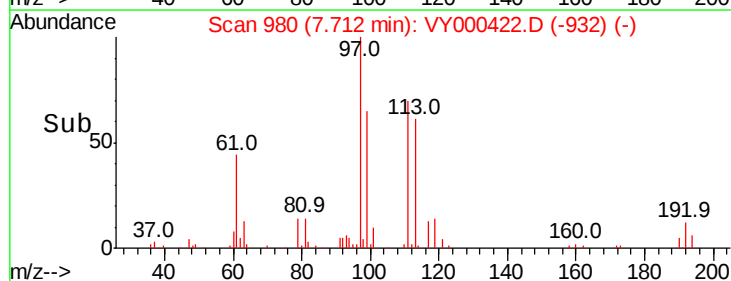
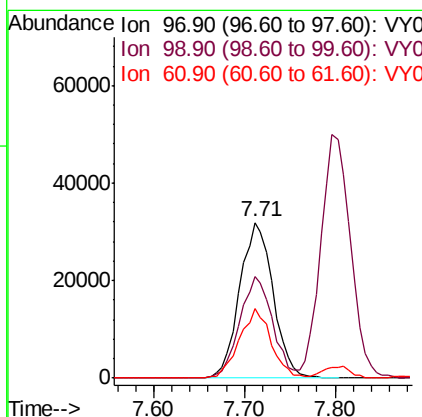
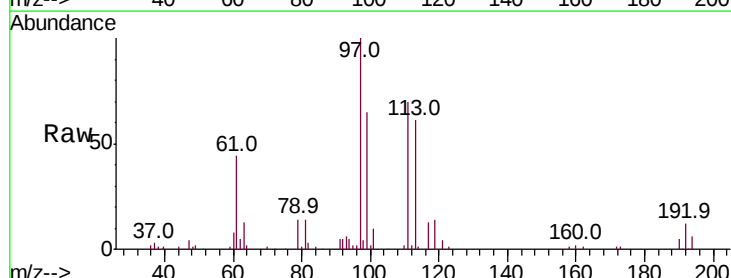
Manual Integrations
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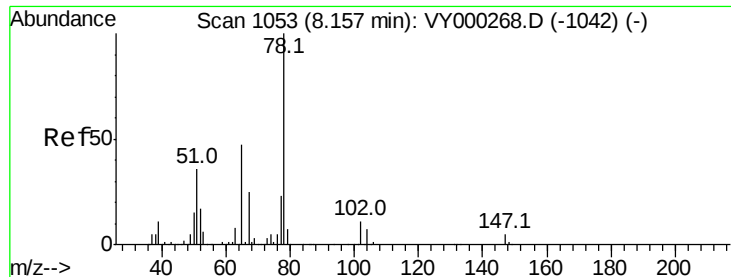
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 22.547 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	42.4	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 50.209 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 65 Resp: 110652

Ion Ratio Lower Upper

65 100

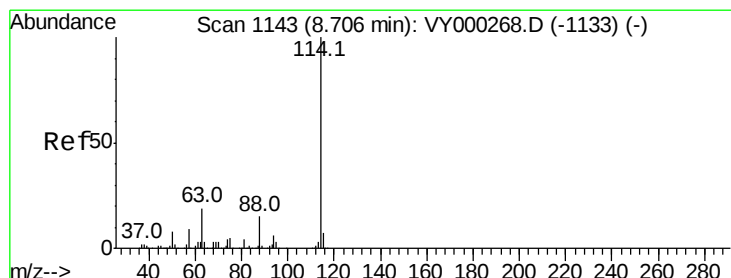
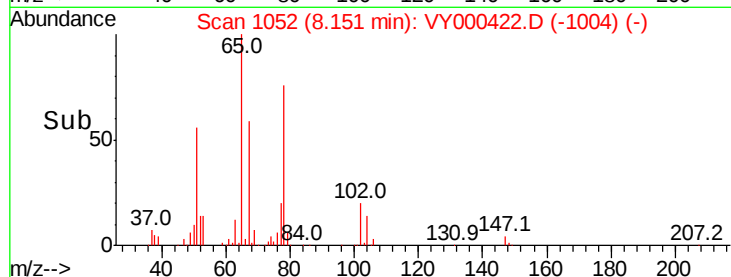
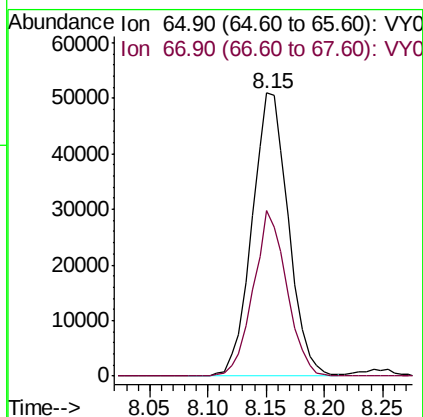
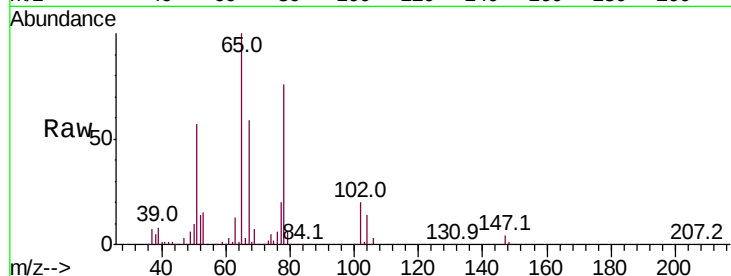
67 54.0 0.0 109.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

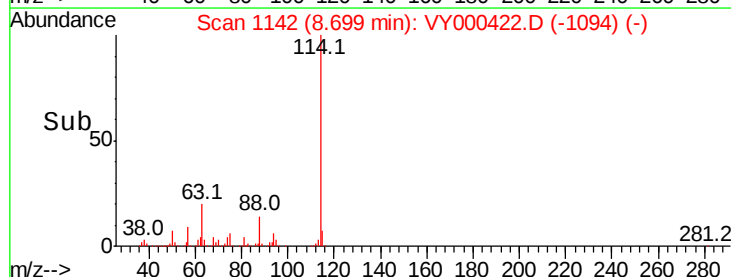
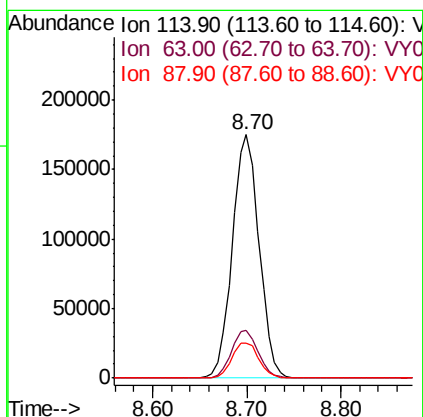
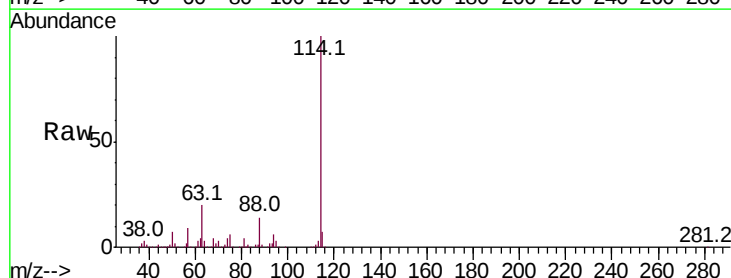
Tgt Ion: 114 Resp: 344646

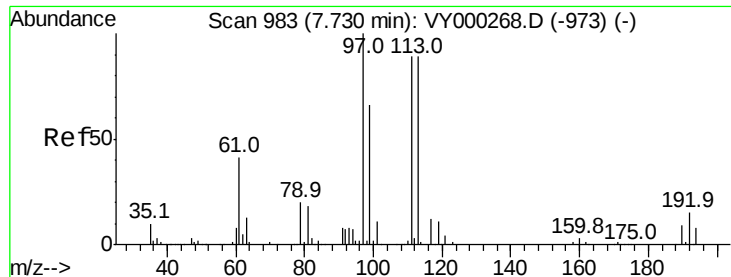
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.2

88 14.1 0.0 30.2





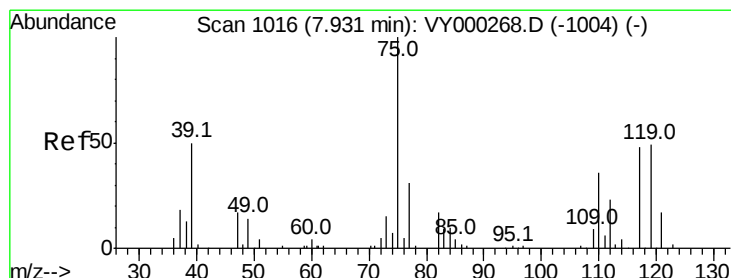
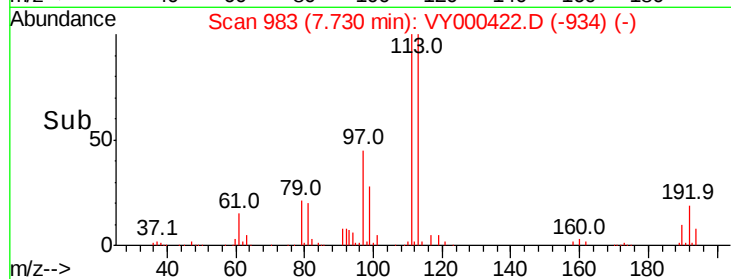
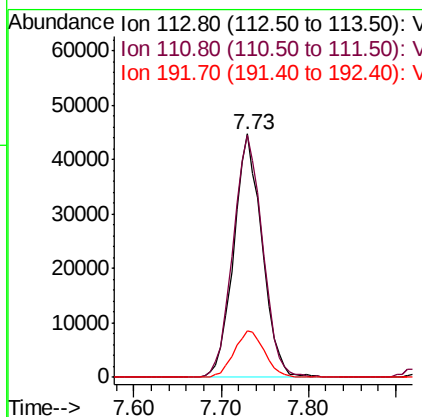
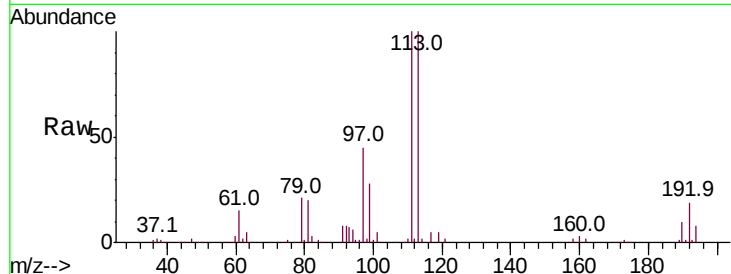
#35
Dibromofluoromethane
Concen: 48.513 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	104.1	81.6	122.4	
192	20.2	15.3	22.9	

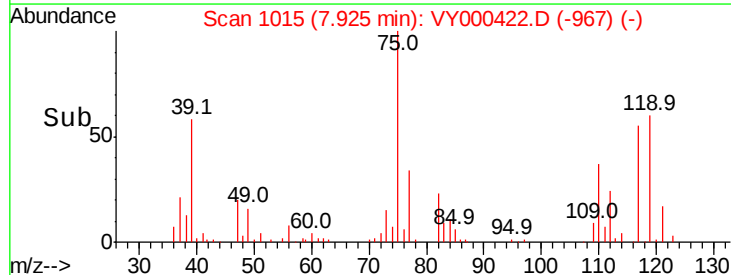
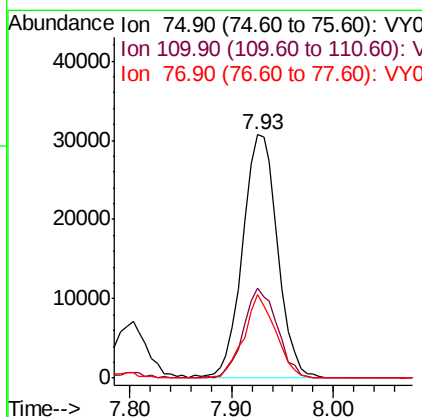
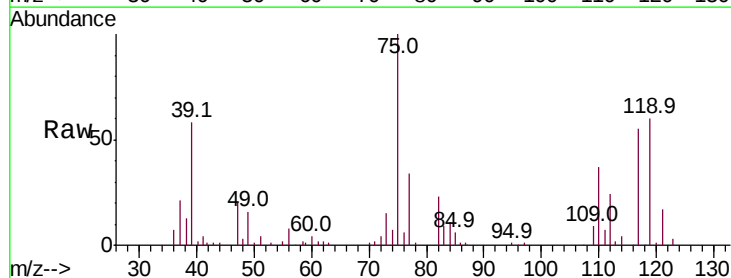
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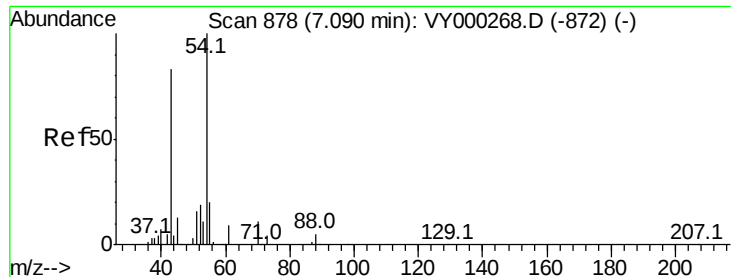
MMDadoda
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#36
1,1-Dichloropropene
Concen: 21.716 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.7	18.4	55.4	
77	31.1	25.0	37.6	





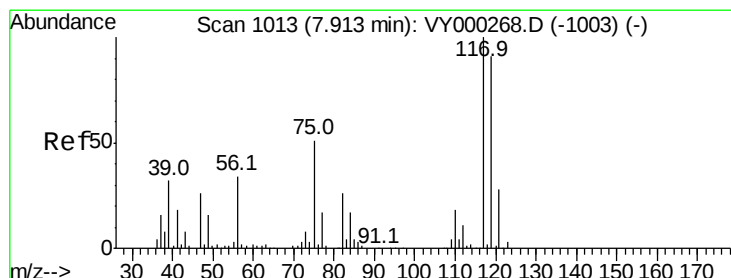
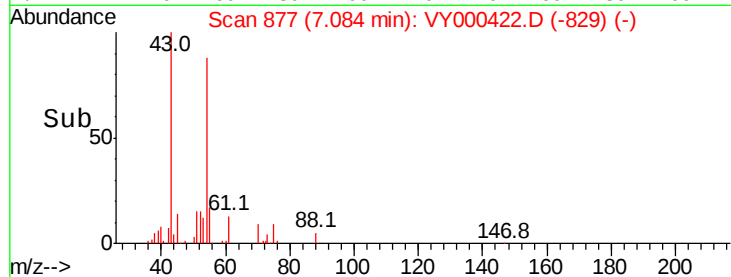
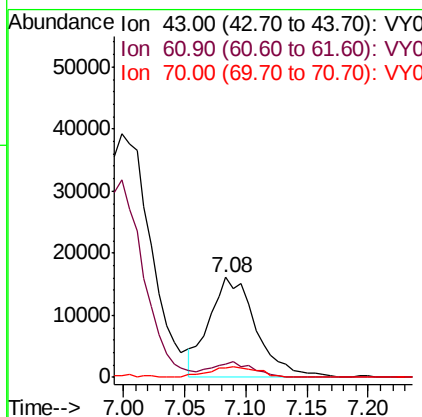
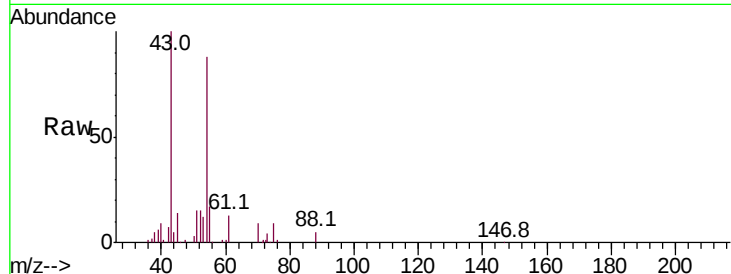
#37
Ethyl Acetate
Concen: 21.122 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.1	18.1
70	10.9	8.7	13.1

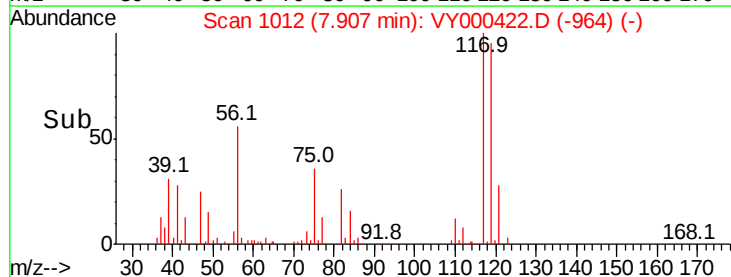
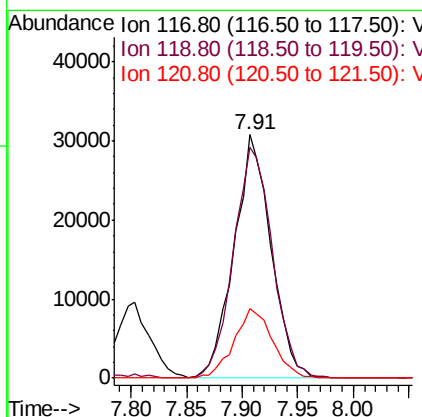
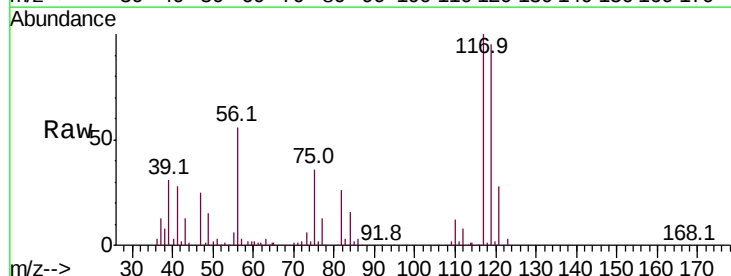
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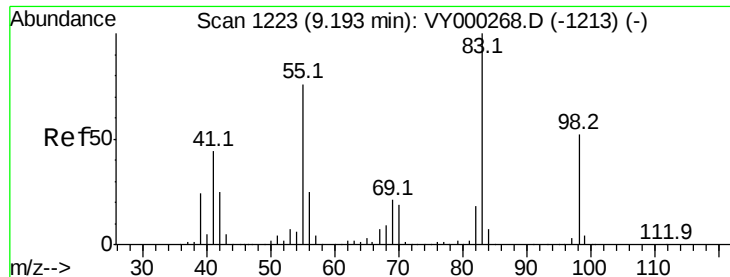
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#38
Carbon Tetrachloride
Concen: 21.756 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	72.8	109.2
121	28.3	22.2	33.2





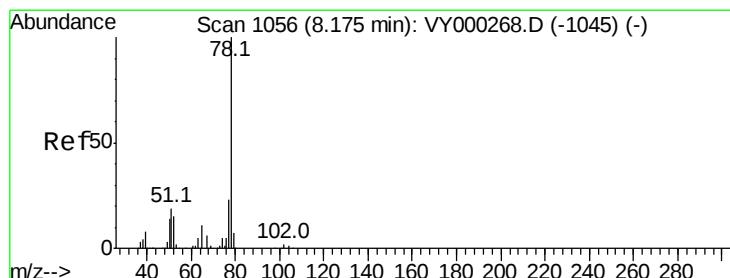
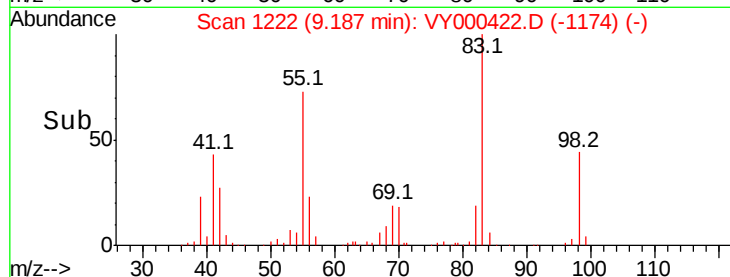
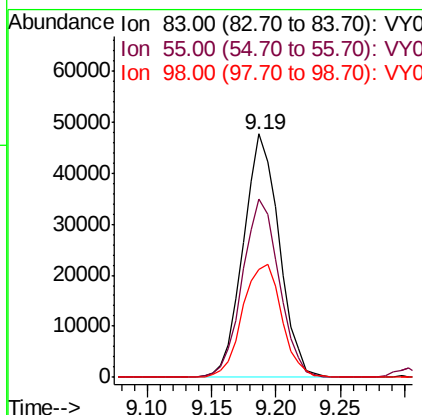
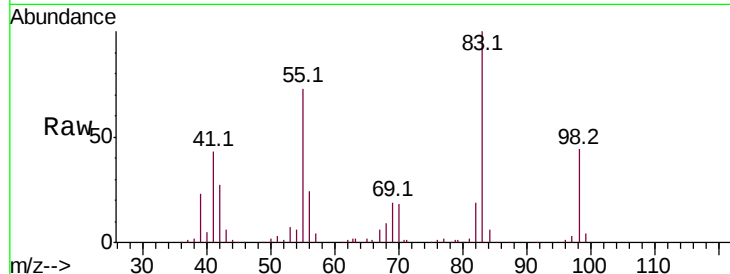
#39
Methylvlcyclohexane
Concen: 20.847 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	60.9	91.3
98	44.3	41.8	62.6

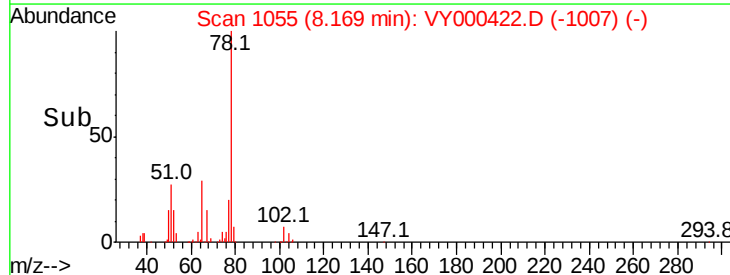
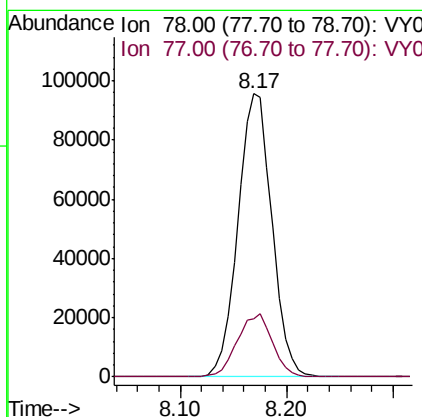
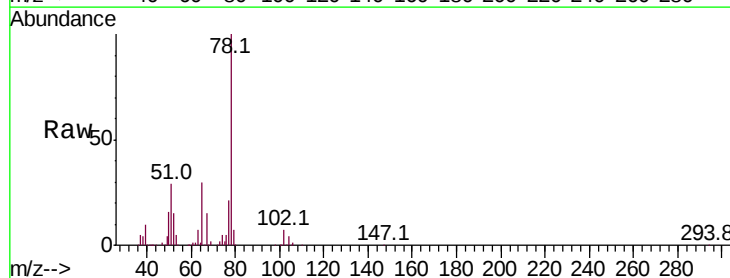
Manual Integrations
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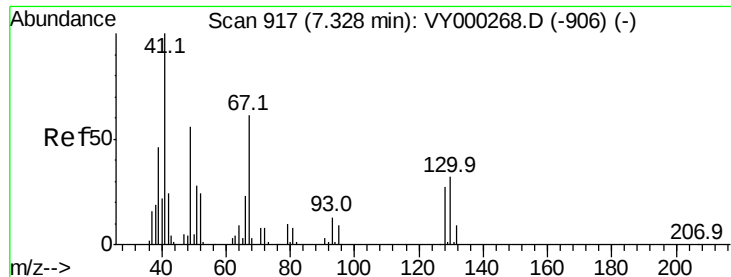
MMDadoda
10/28/2019 12:38:39 PM



#40
Benzene
Concen: 21.911 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.6	18.8	28.2





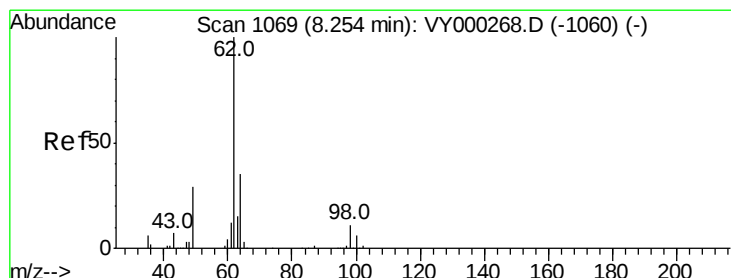
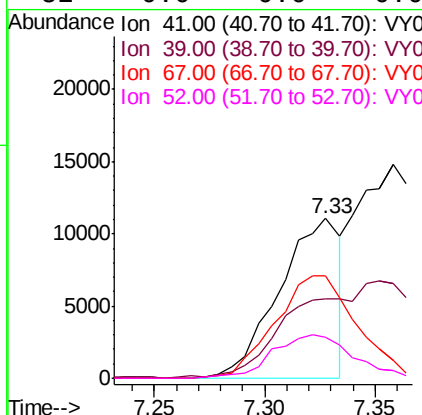
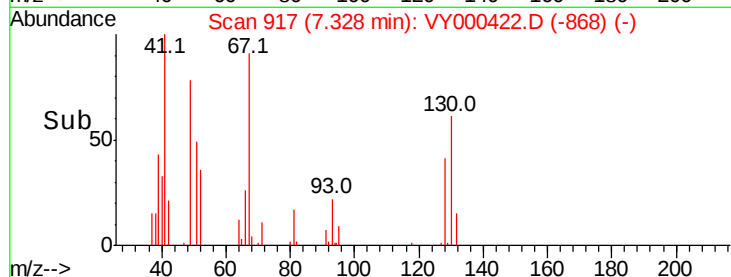
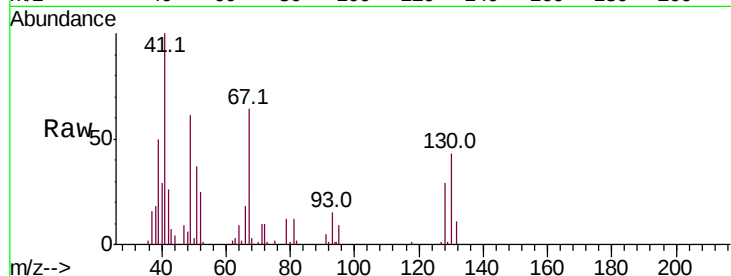
#41
Methacrylonitrile
Concen: 22.597 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	41	Resp	21491
Ion	Ratio	Lower	Upper
41	100		
39	134.0	110.2	165.2
67	0.0	0.0	0.0
52	0.0	0.0	0.0

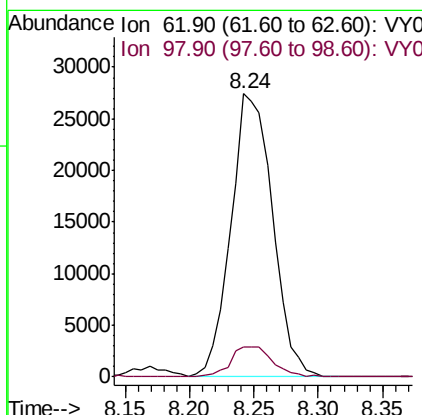
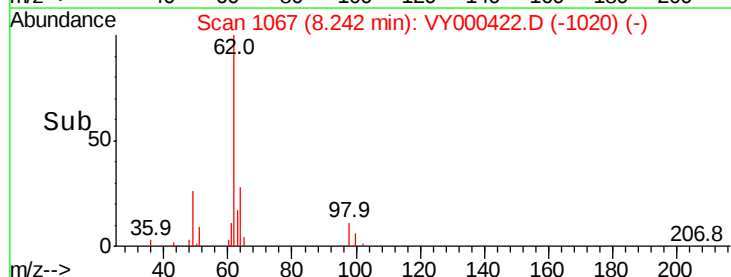
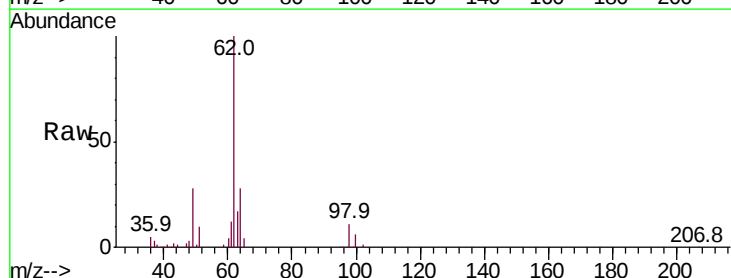
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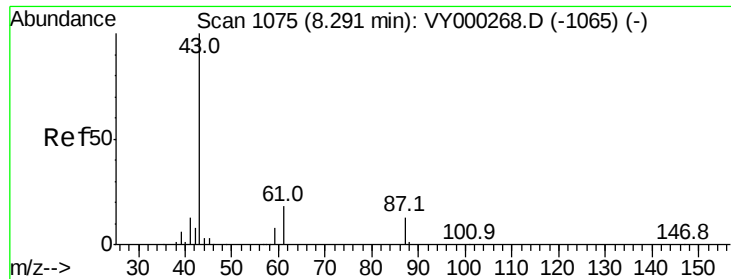
MMDadoda
10/28/2019 12:38:39 PM



#42
1,2-Dichloroethane
Concen: 22.112 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	62	Resp	61592
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6





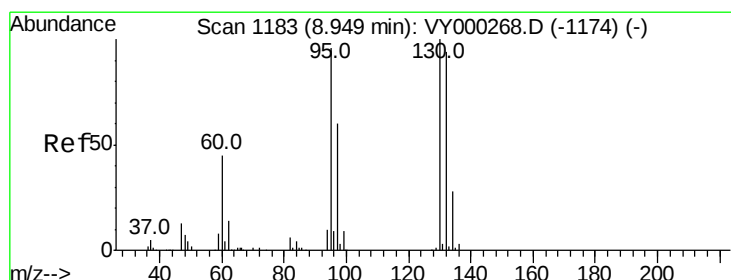
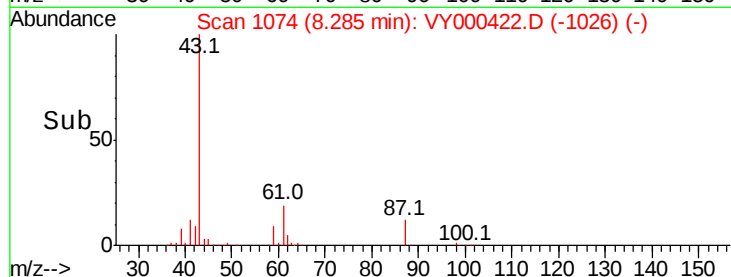
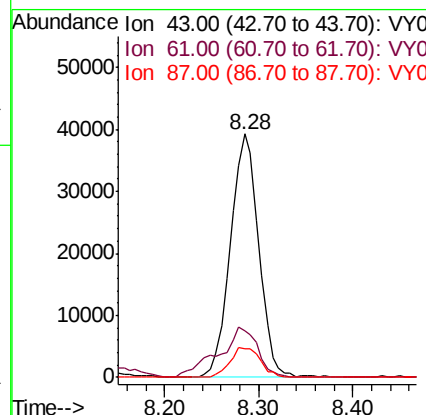
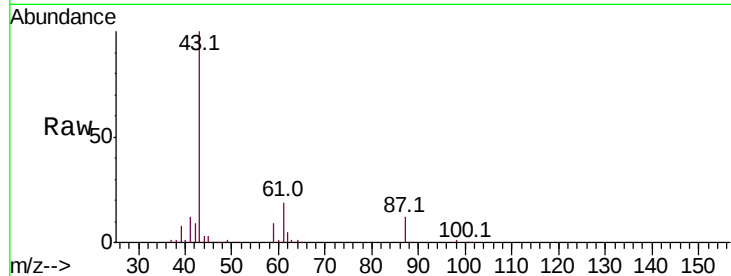
#43
Isopropyl Acetate
Concen: 21.564 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.4	22.3	33.5
87	13.2	10.9	16.3

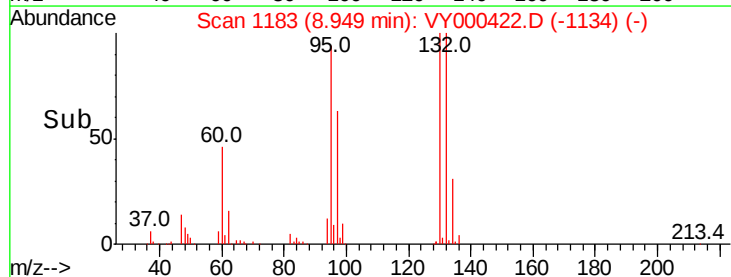
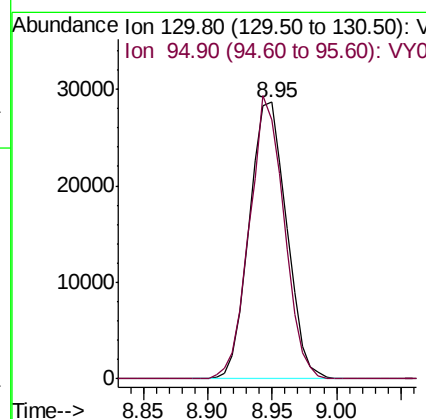
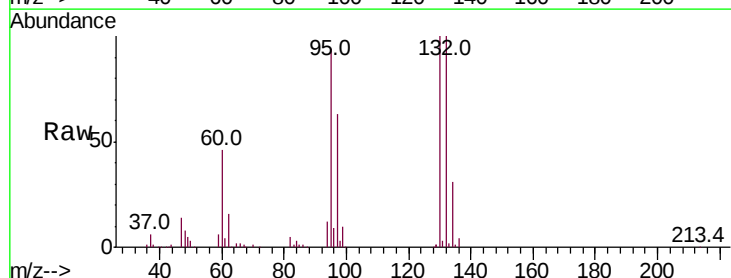
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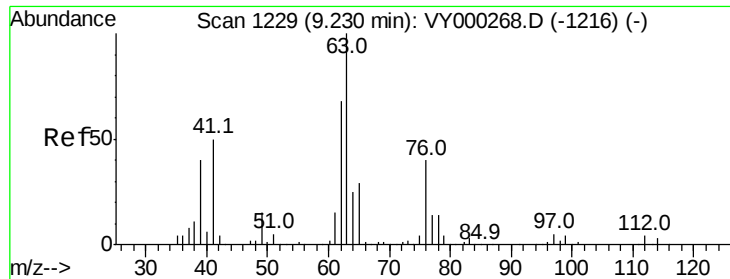
MMDadoda
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#44
Trichloroethene
Concen: 20.959 ug/l
RT: 8.95 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	191.4





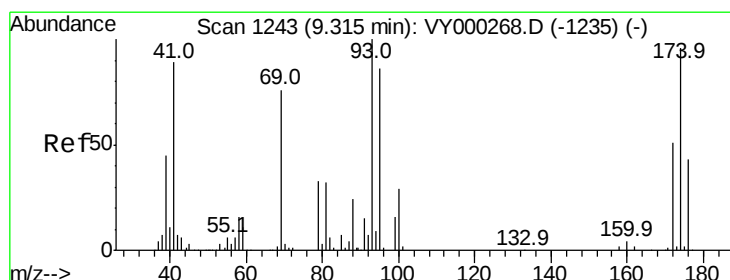
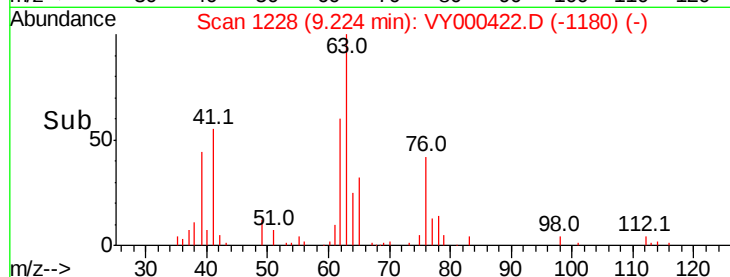
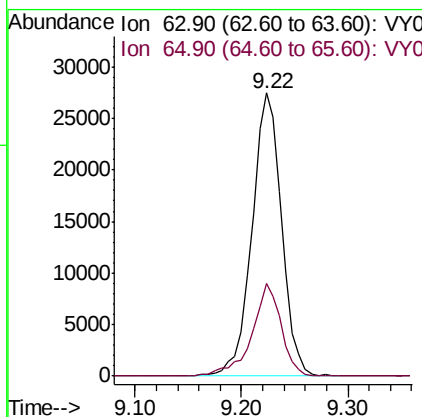
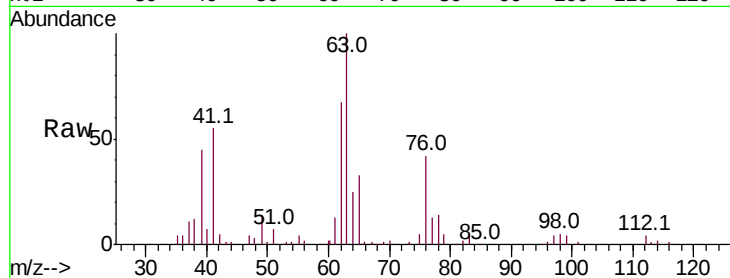
#45
1,2-Dichloropropane
Concen: 22.356 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion: 63 Resp: 53499
Ion Ratio Lower Upper
63 100
65 32.8 23.2 34.8

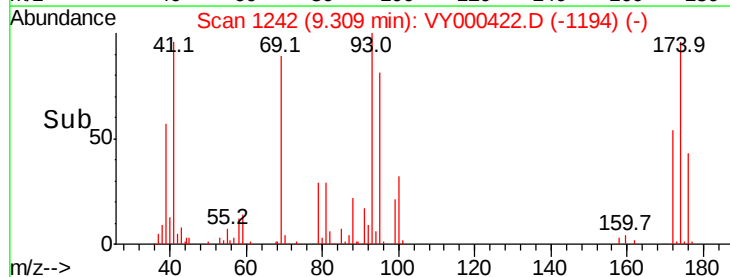
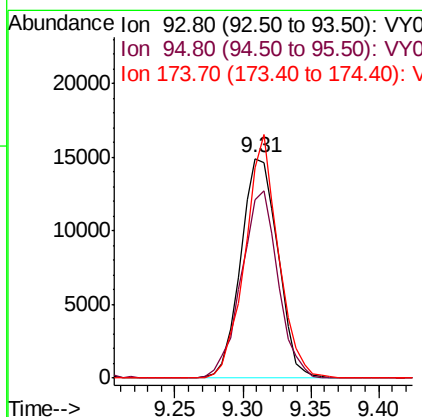
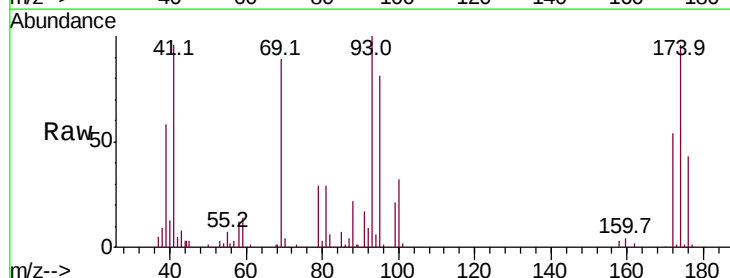
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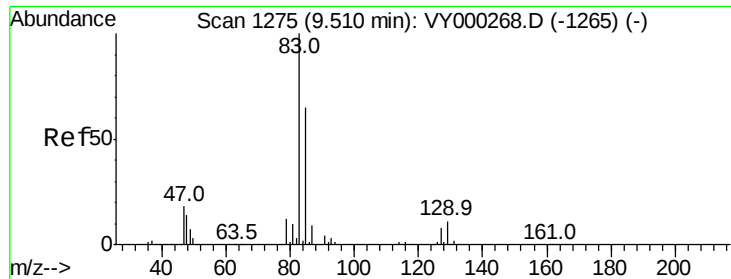
MMDadoda
10/28/2019 12:38:39 PM



#46
Dibromomethane
Concen: 21.303 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 93 Resp: 28498
Ion Ratio Lower Upper
93 100
95 84.3 68.2 102.2
174 99.0 79.8 119.6





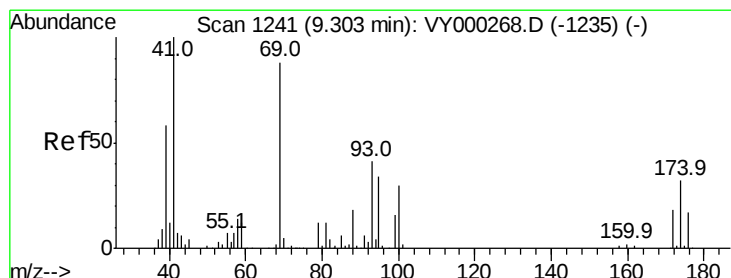
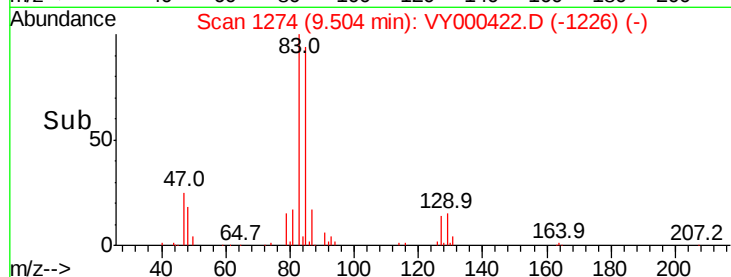
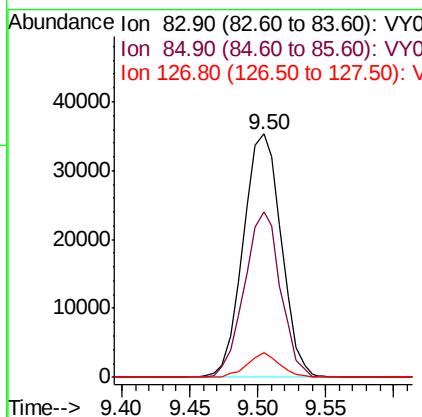
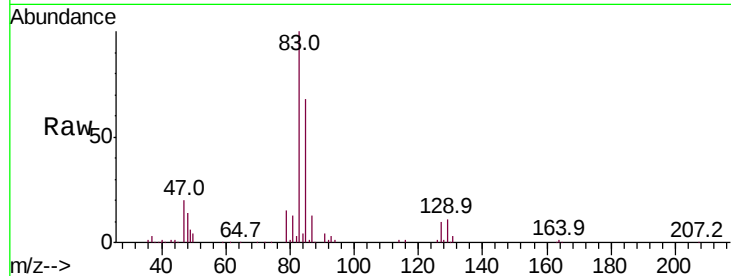
#47
Bromodichloromethane
Concen: 21.940 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	68.1	52.2	78.2
127	10.1	6.3	9.5#

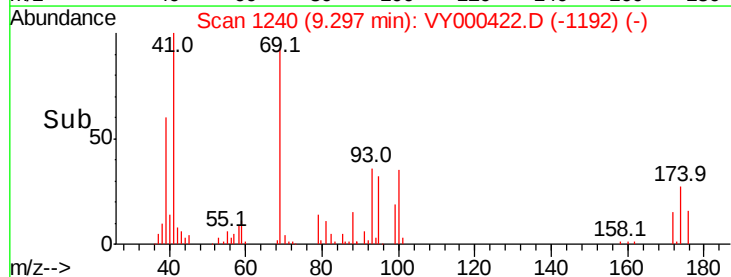
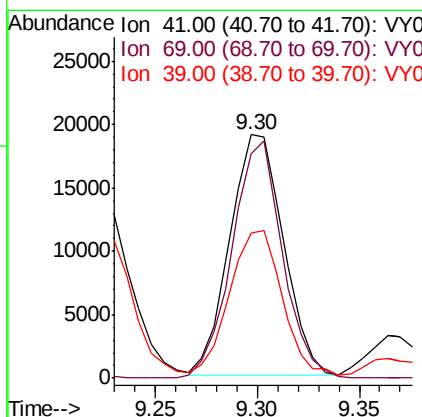
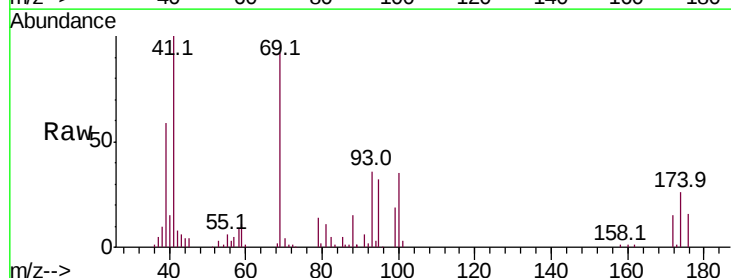
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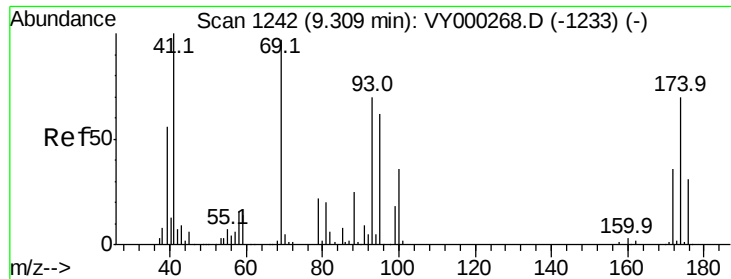
MMDadoda
10/28/2019 12:38:39 PM



#48
Methyl methacrylate
Concen: 20.753 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.3	70.0	105.0
39	61.2	47.7	71.5





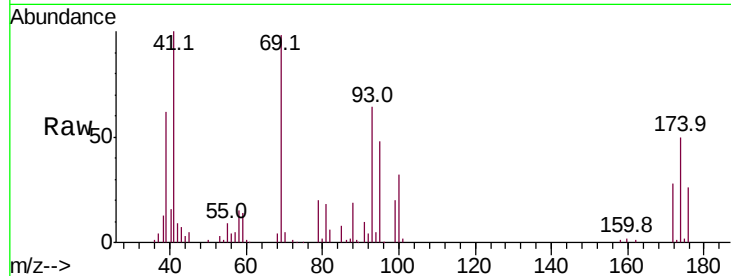
#49
1,4-Dioxane
Concen: 406.526 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	25.6	38.4
58	67.8	54.6	81.8

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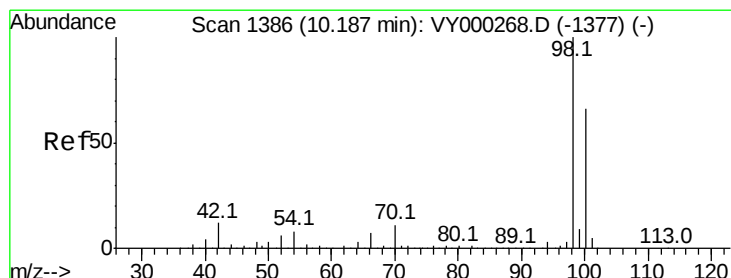
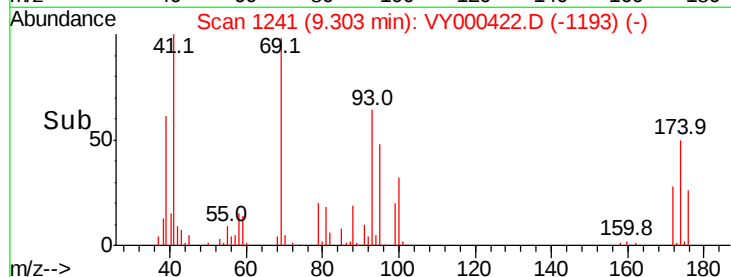
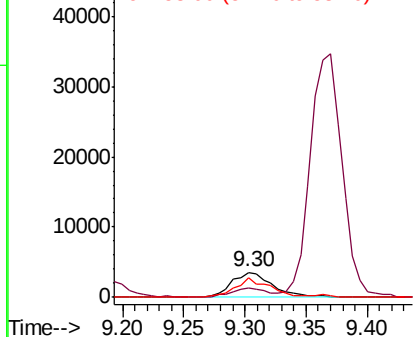


Abundance

Ion 88.00 (87.70 to 88.70): VY0

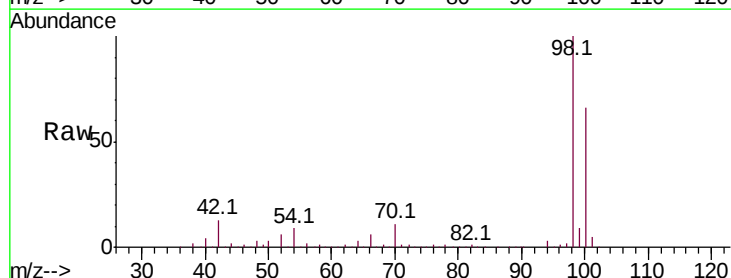
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 49.576 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

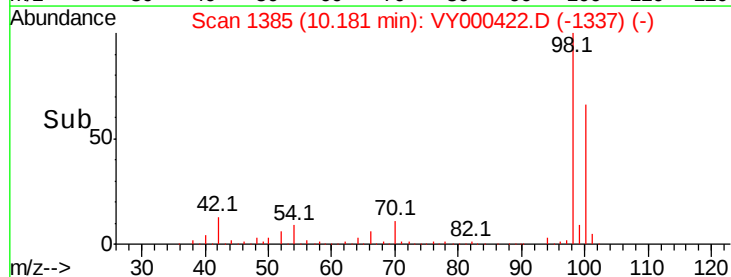
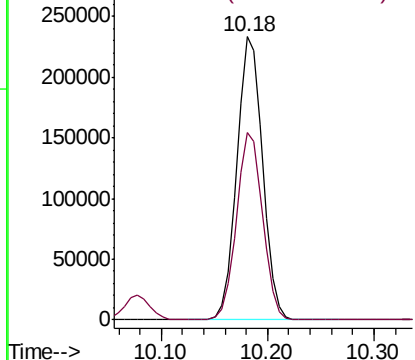
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	52.8	79.2

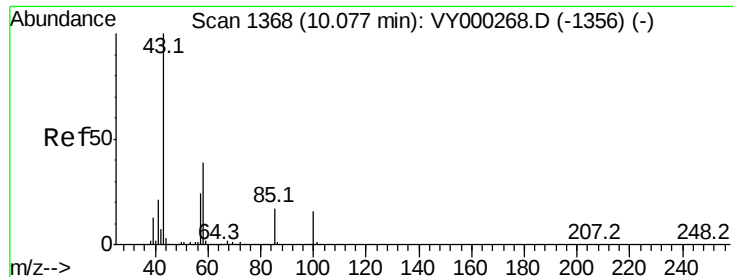


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 111.933 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 43 Resp: 219326

Ion Ratio Lower Upper

43 100

58 39.1

31.0

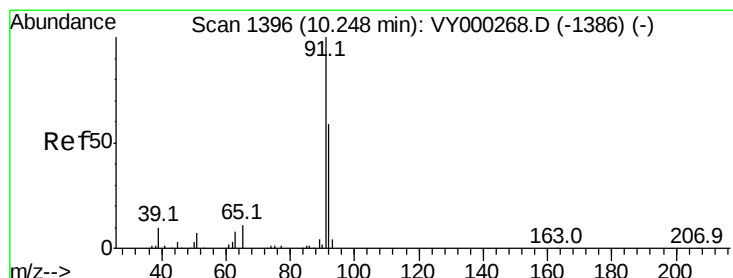
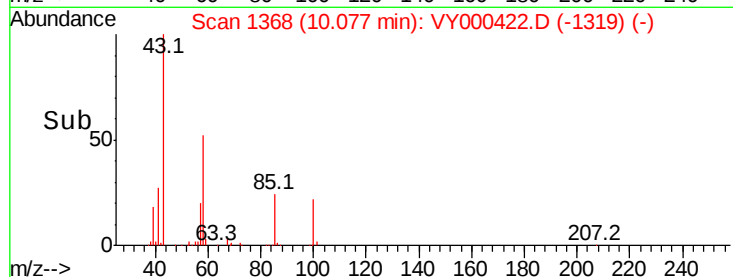
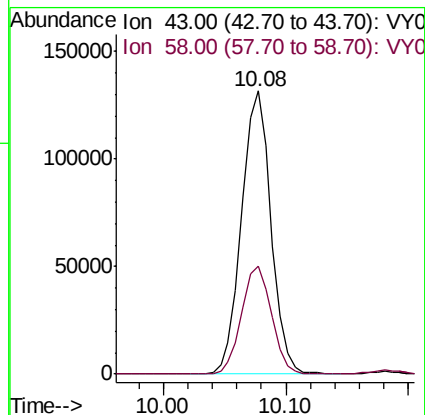
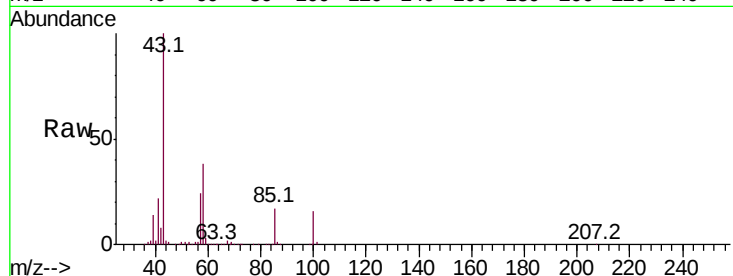
46.6

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#52

Toluene

Concen: 22.056 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion: 92 Resp: 136548

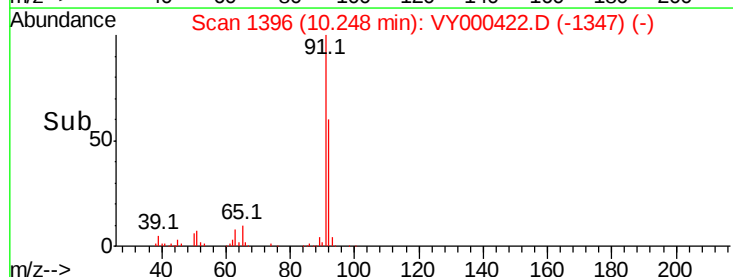
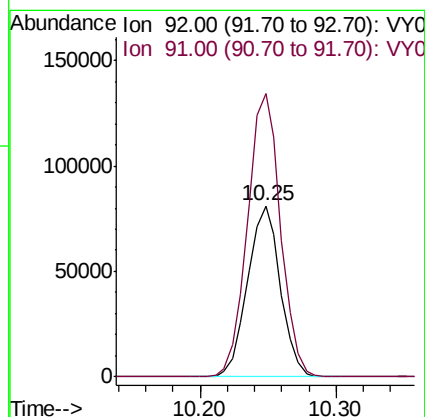
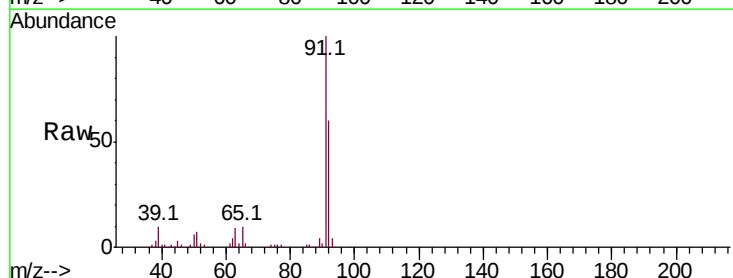
Ion Ratio Lower Upper

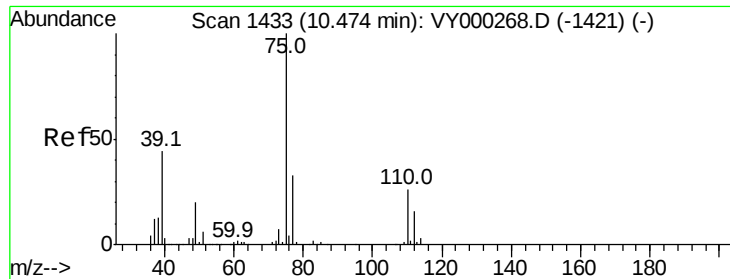
92 100

91 167.3

136.6

205.0





#53

t-1,3-Dichloropropene

Concen: 21.849 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 75 Resp: 73822

Ion Ratio Lower Upper

75 100

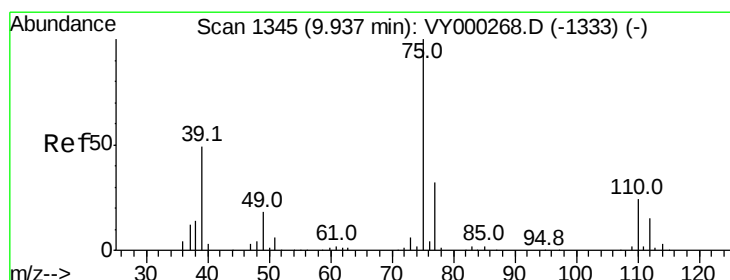
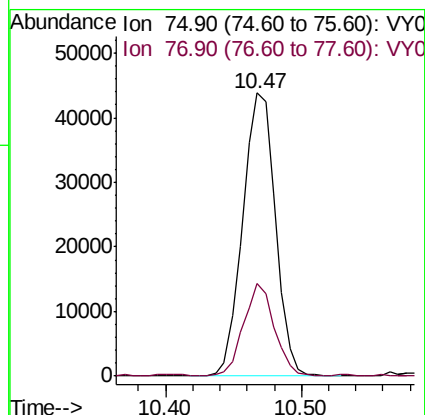
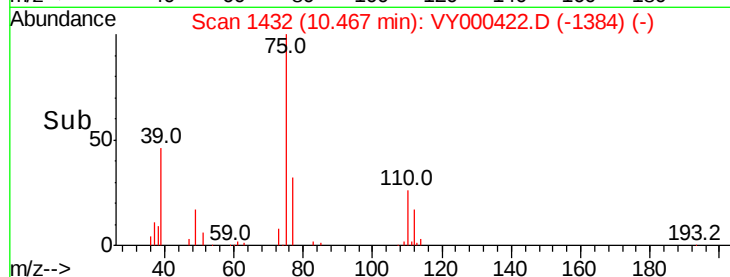
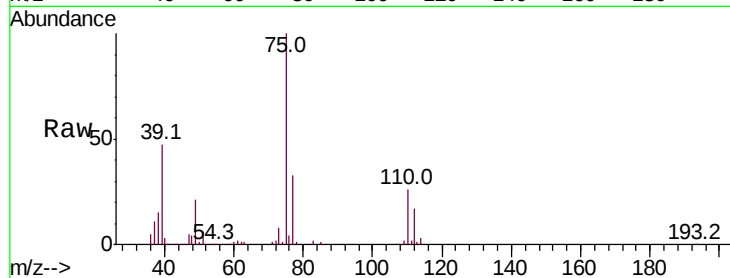
77 32.5 26.0 39.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 22.489 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

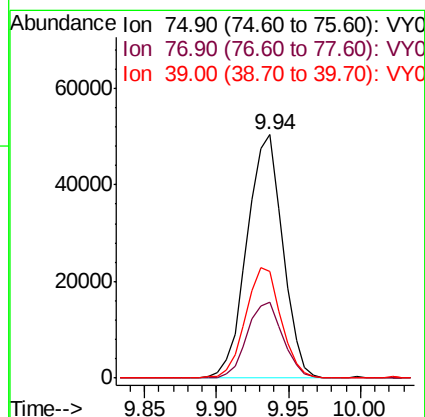
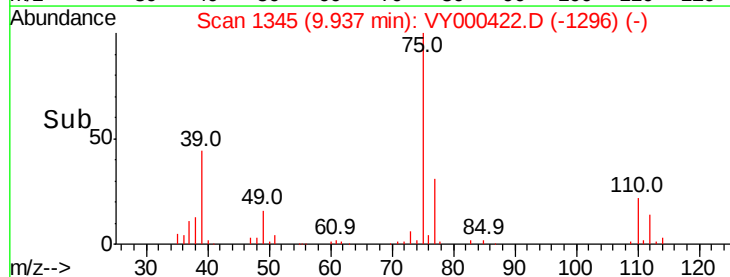
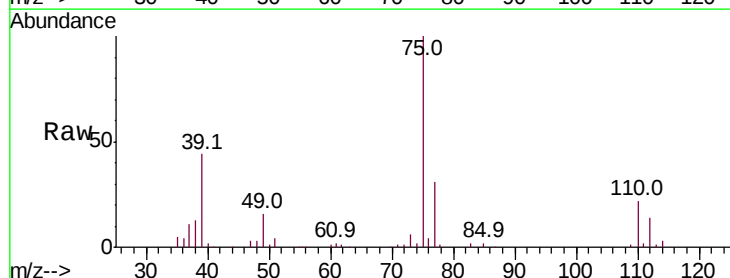
Tgt Ion: 75 Resp: 86289

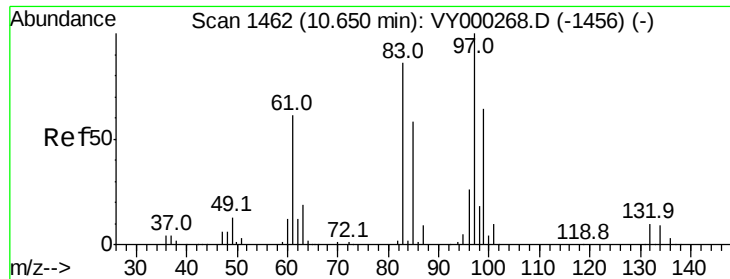
Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 43.8 38.8 58.2





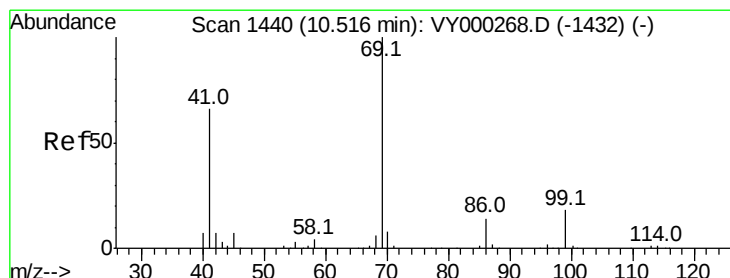
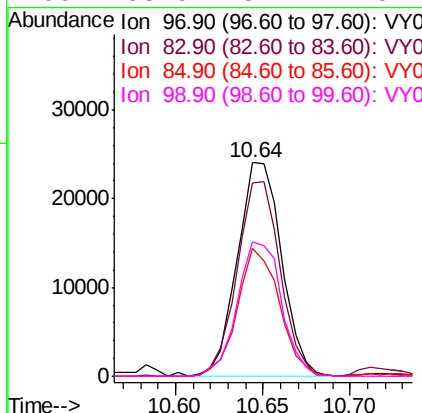
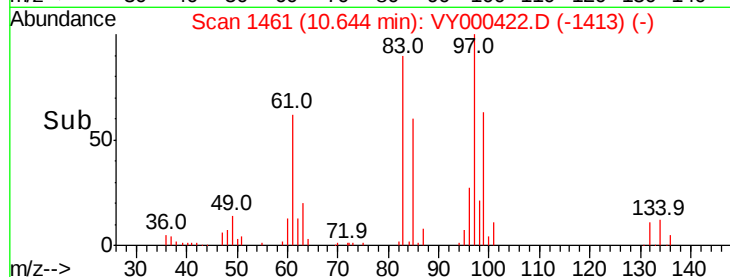
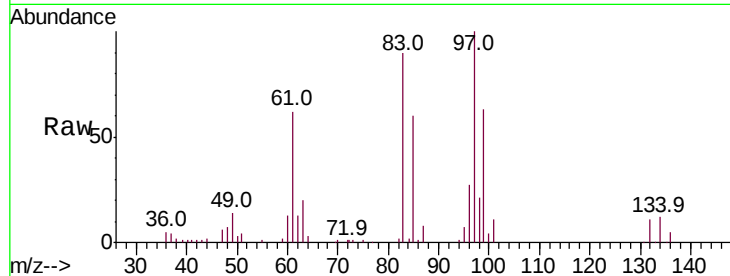
#55
 1,1,2-Trichloroethane
 Concen: 21.728 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion:	97	Resp:	42261
Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.0	103.6
85	59.8	46.2	69.4
99	63.0	51.1	76.7

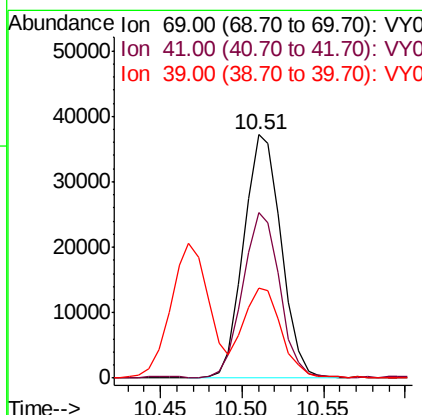
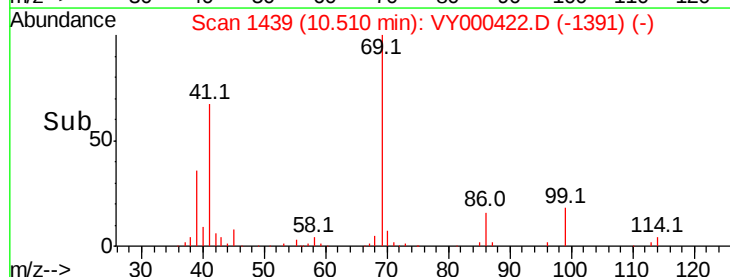
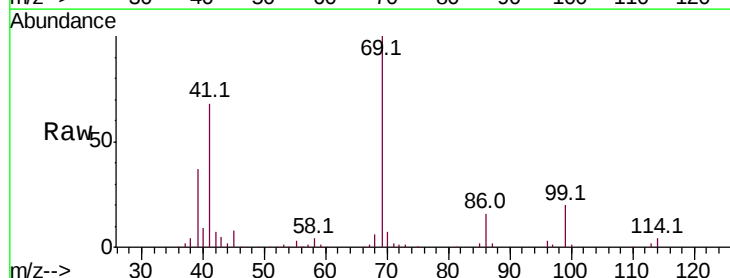
Manual Integrations
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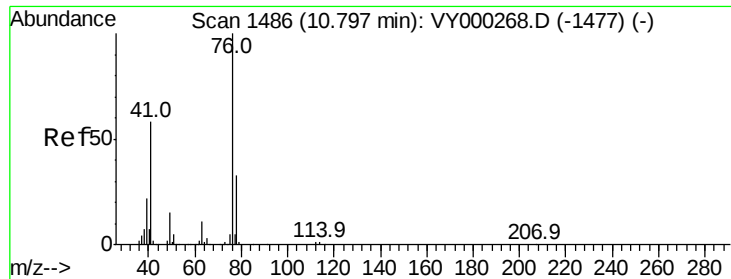
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#56
 Ethyl methacrylate
 Concen: 21.454 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion:	69	Resp:	59479
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.5	78.7
39	37.2	26.7	40.1





#57

1,3-Dichloropropane

Concen: 22.629 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 76 Resp: 75589

Ion Ratio Lower Upper

76 100

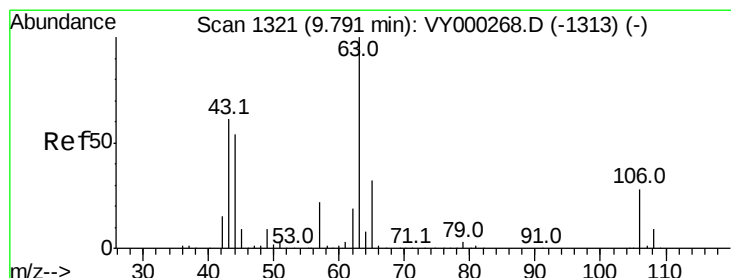
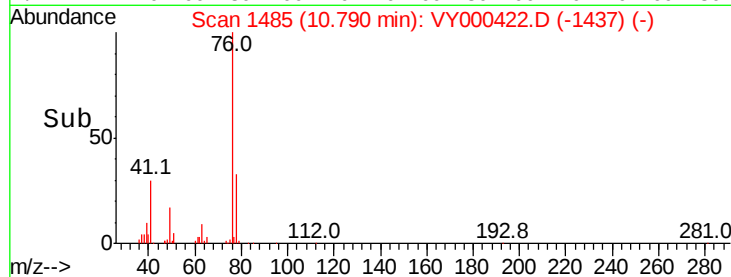
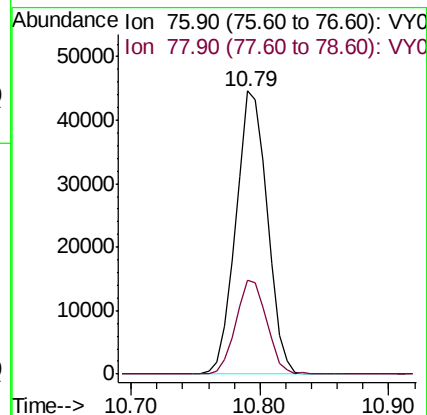
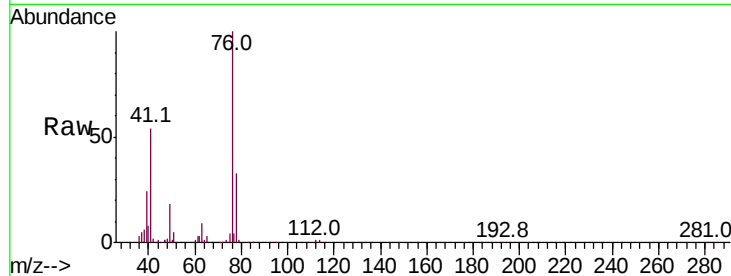
78 32.5 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 121.197 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000422.D

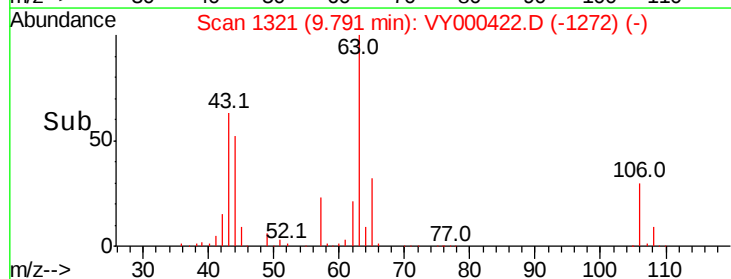
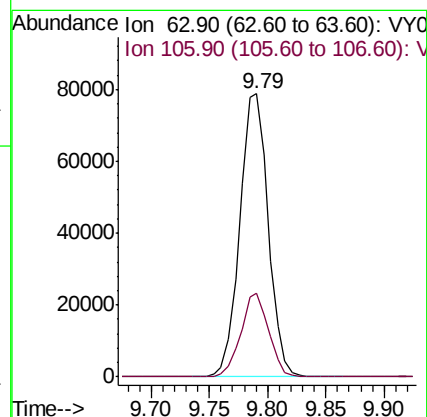
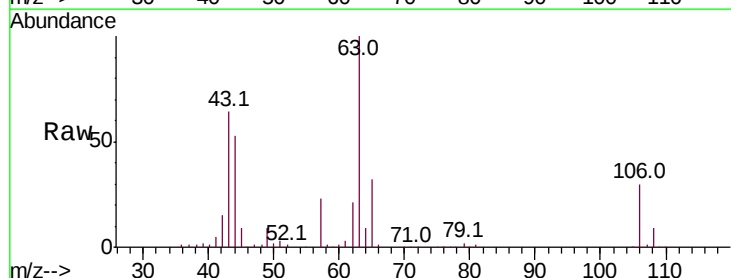
Acq: 25 Oct 2019 12:30

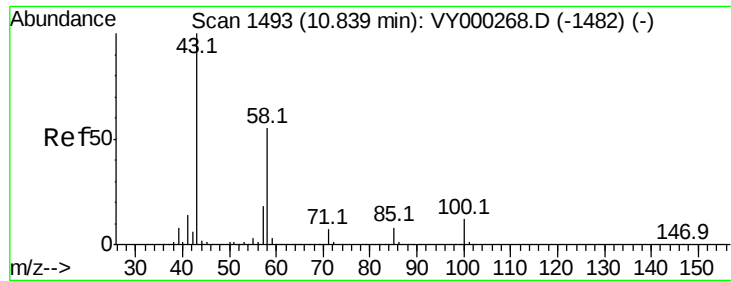
Tgt Ion: 63 Resp: 134021

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.4





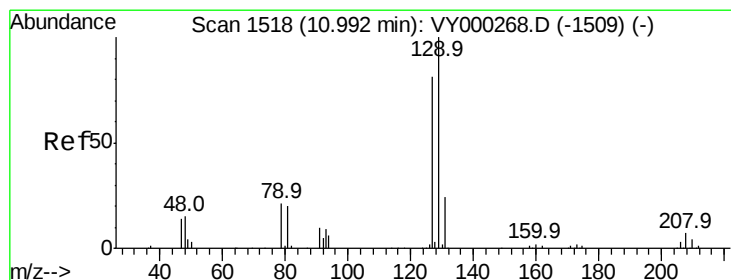
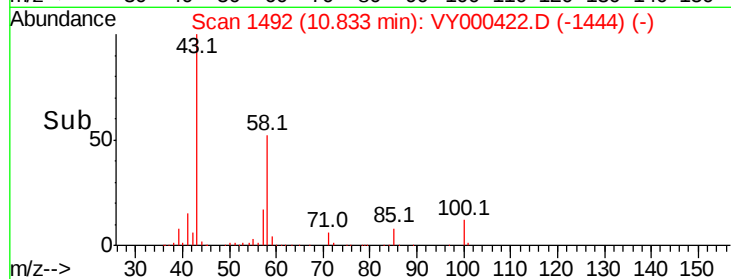
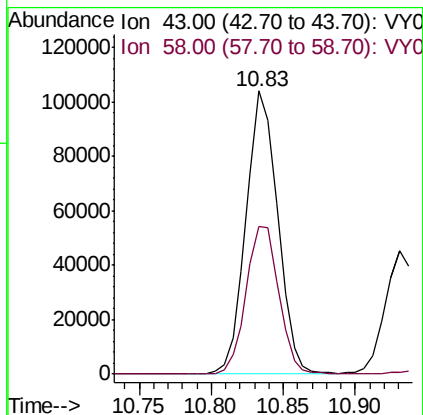
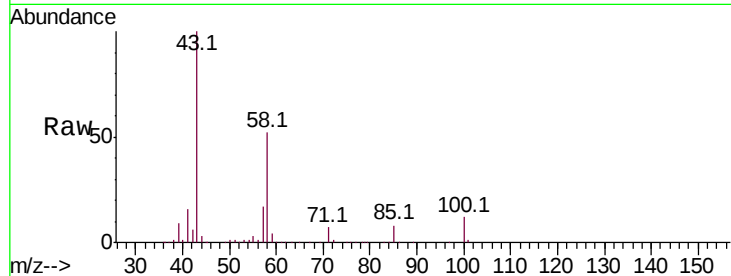
#59
2-Hexanone
Concen: 115.429 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion: 43 Resp: 158755
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.1

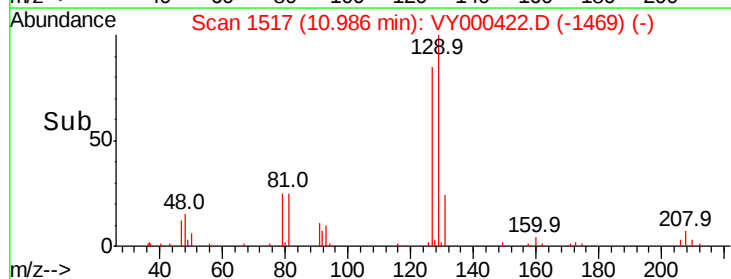
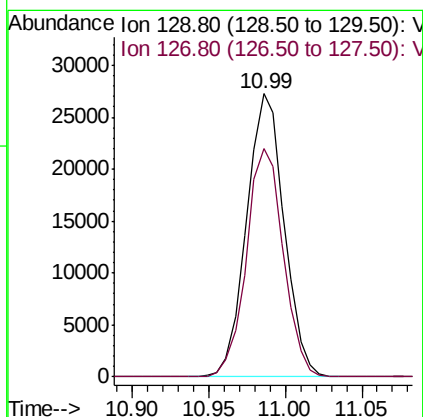
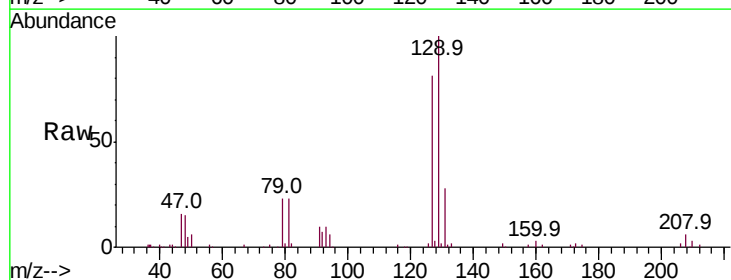
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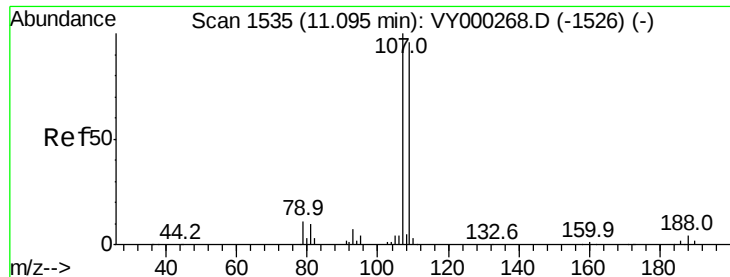
MMDadoda
10/28/2019 12:38:39 PM



#60
Dibromochloromethane
Concen: 21.550 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 129 Resp: 46459
Ion Ratio Lower Upper
129 100
127 79.2 39.9 119.7





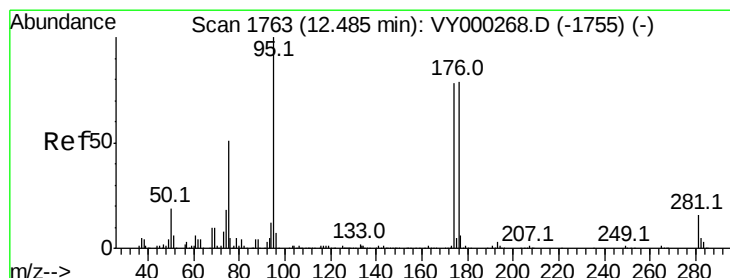
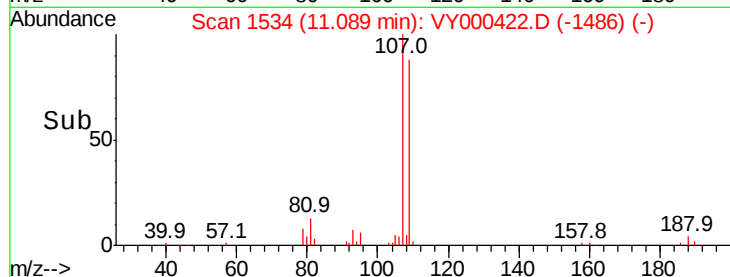
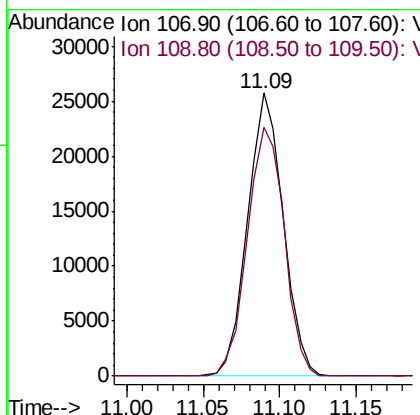
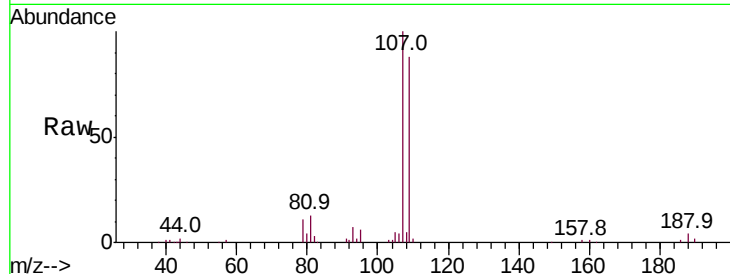
#61
 1,2-Dibromoethane
 Concen: 22.329 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.2	75.1	112.7

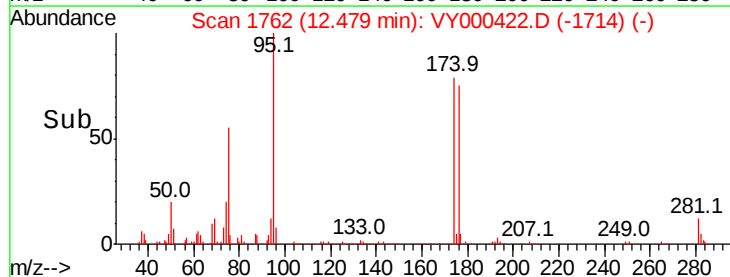
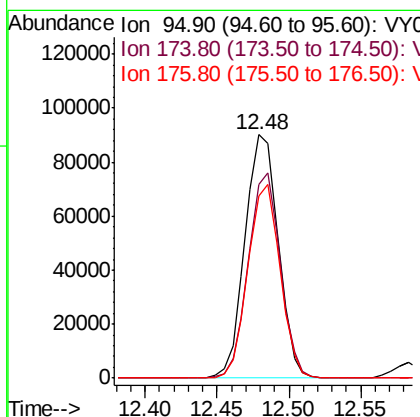
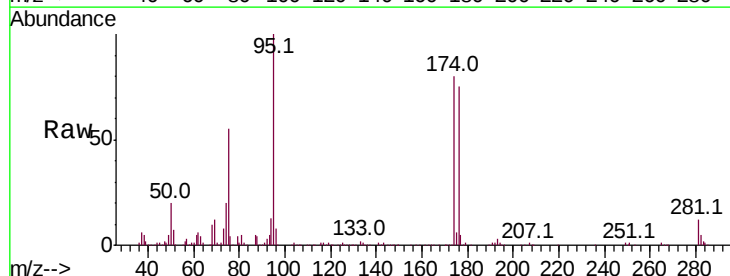
Manual Integrations
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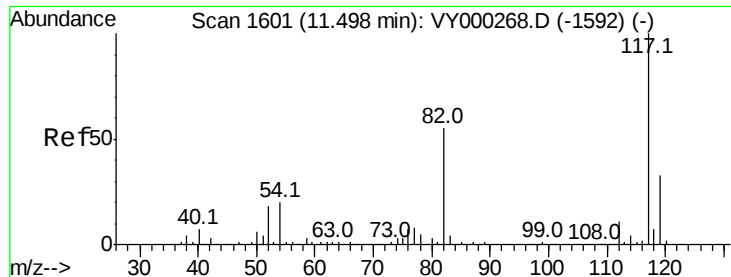
MMDadoda
 10/28/2019 12:38:39 PM



#62
 4-Bromofluorobenzene
 Concen: 47.314 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	159.6
176	77.1	0.0	153.8





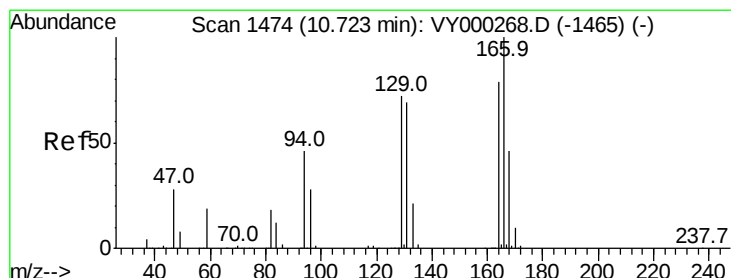
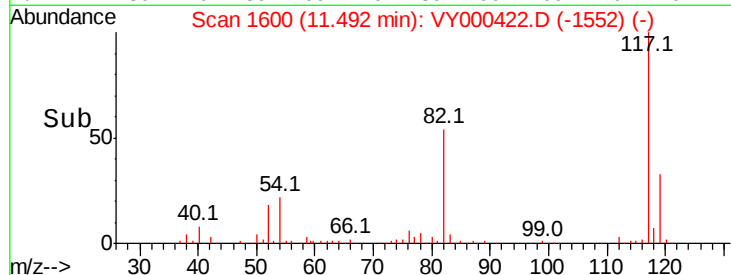
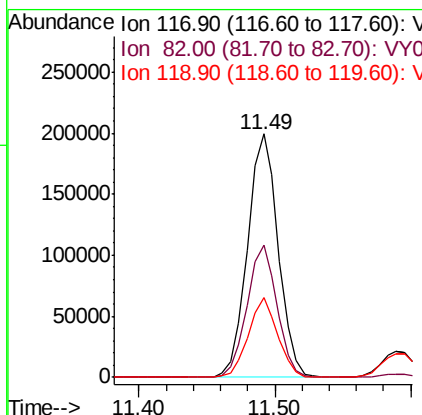
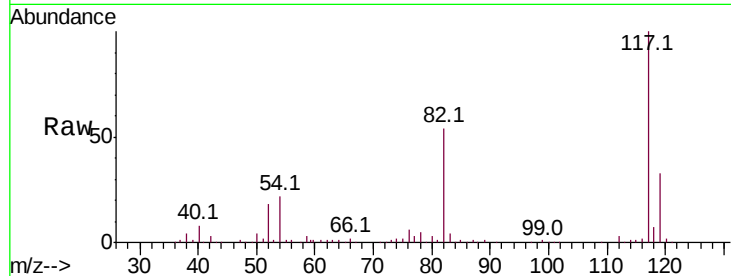
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.7	65.5
119	33.0	26.6	39.8

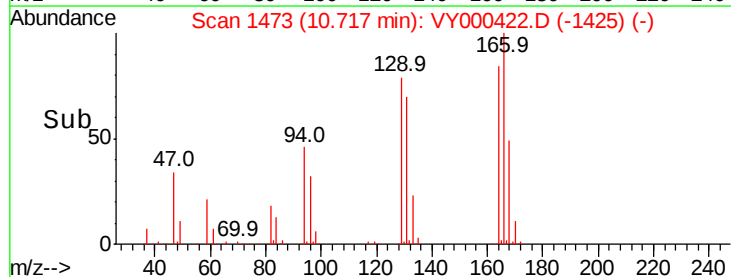
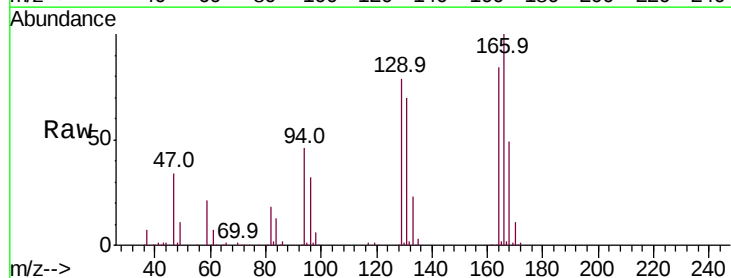
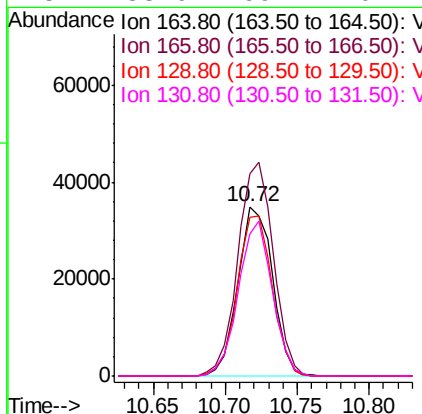
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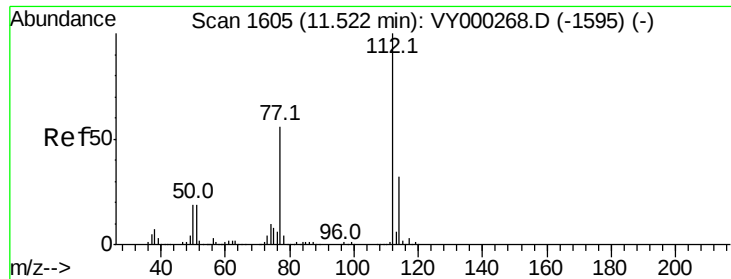
MMDadoda
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#64
Tetrachloroethene
Concen: 19.573 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.7	100.6	151.0
129	94.0	72.8	109.2
131	83.9	69.4	104.2





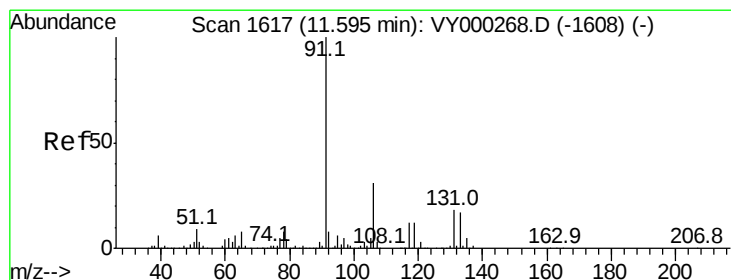
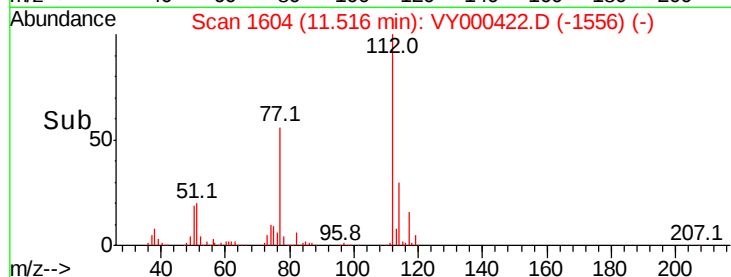
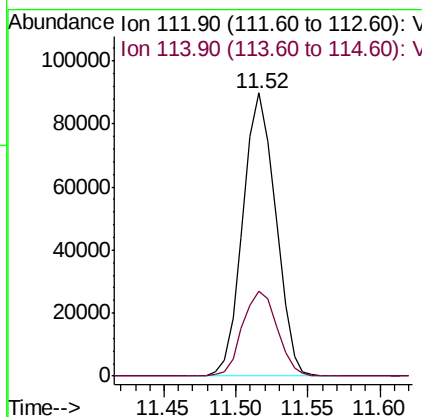
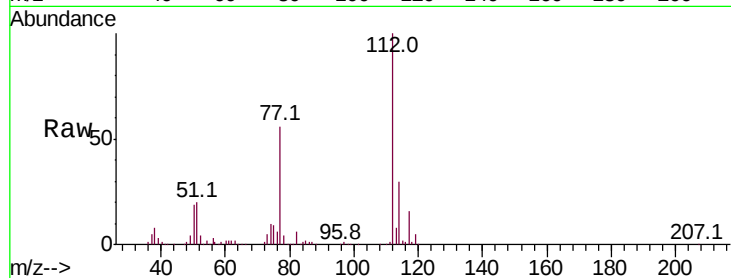
#65
Chlorobenzene
Concen: 21.529 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.1	25.7	38.5

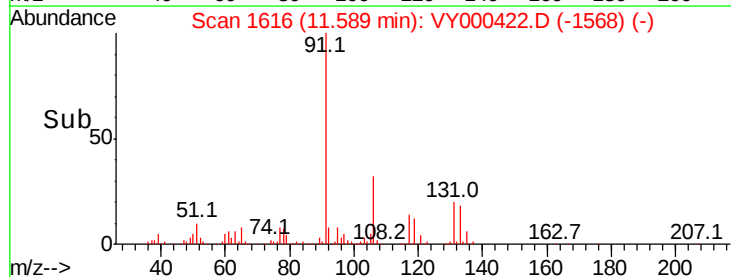
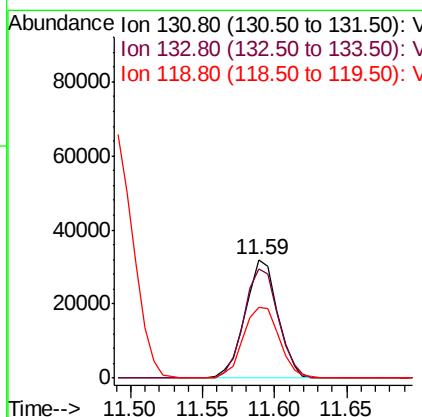
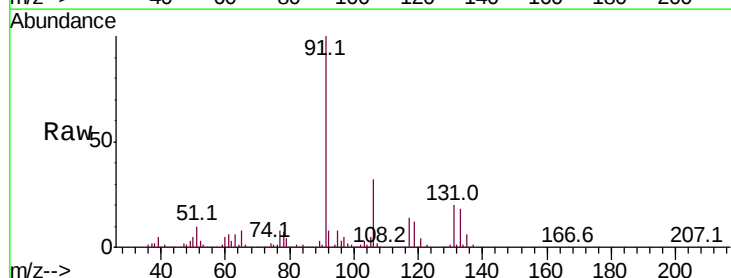
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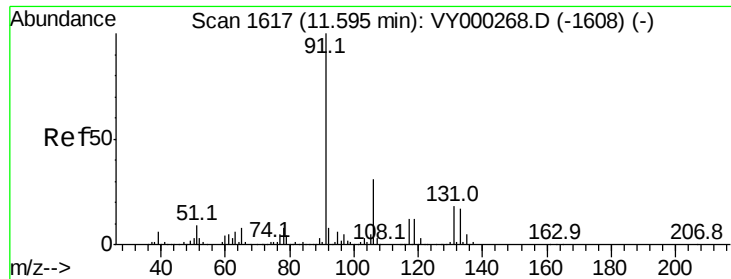
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.595 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.4	47.2	141.6
119	66.0	32.6	98.0





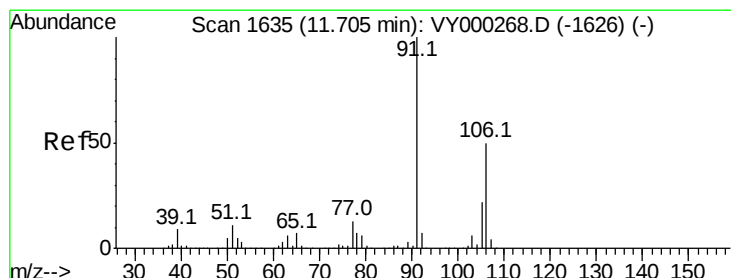
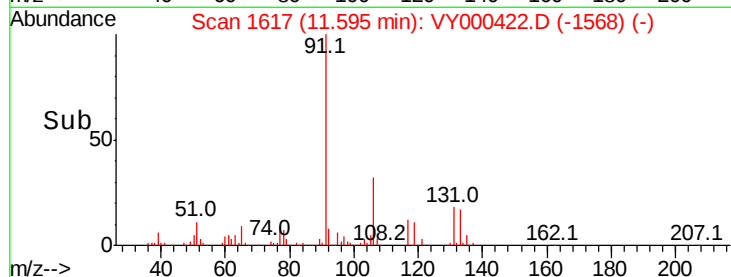
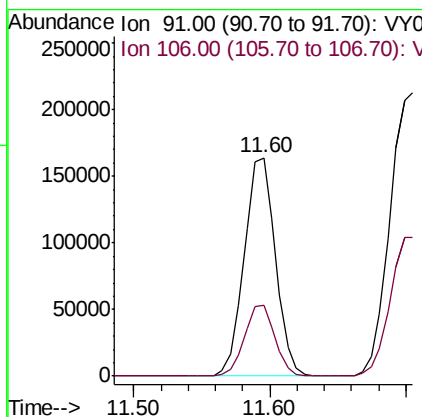
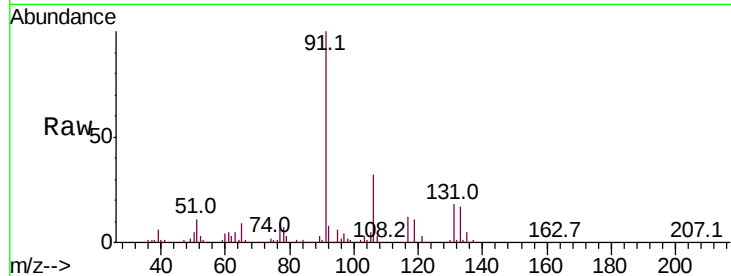
#67
Ethyl Benzene
Concen: 21.407 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion: 91 Resp: 262674
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6

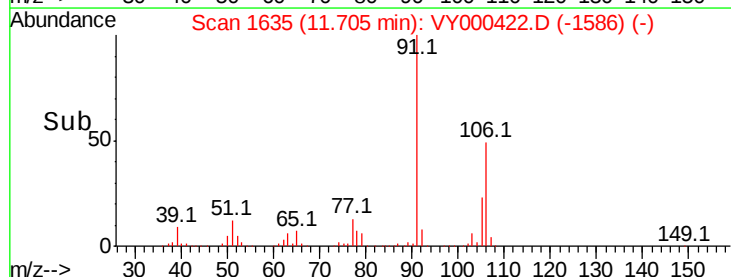
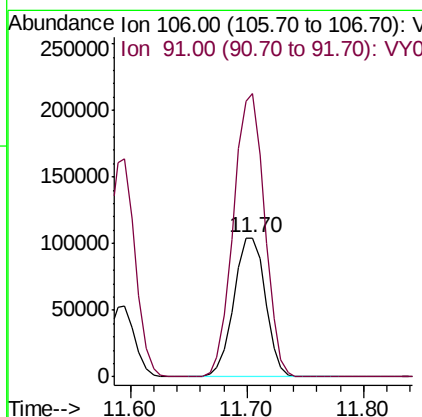
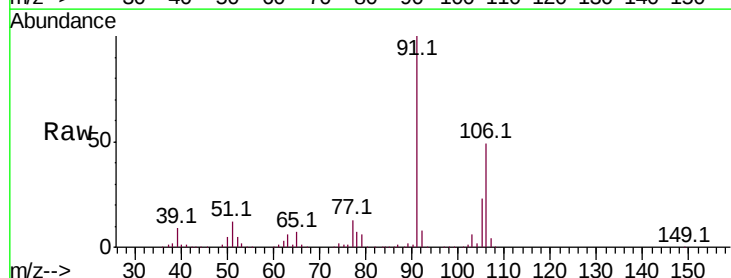
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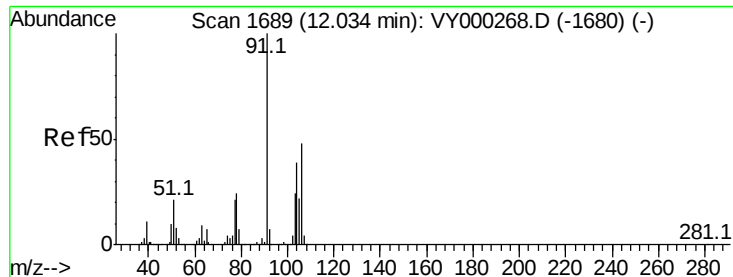
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#68
m/p-Xylenes
Concen: 42.359 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 106 Resp: 198700
Ion Ratio Lower Upper
106 100
91 200.0 157.5 236.3





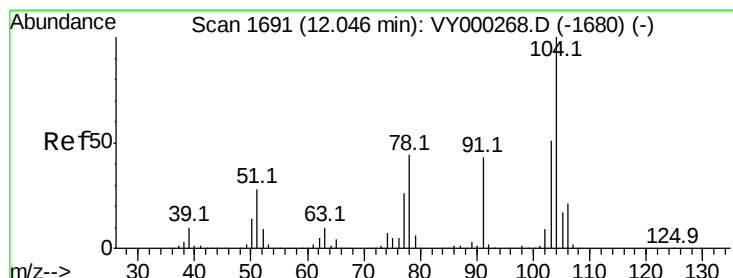
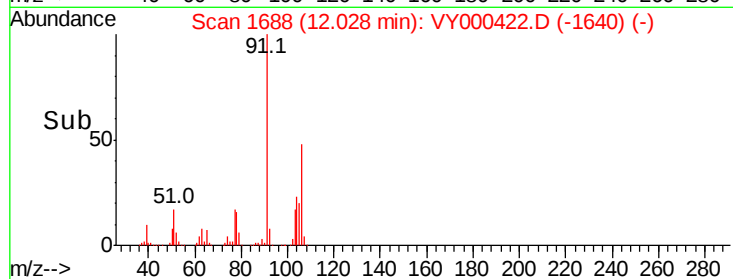
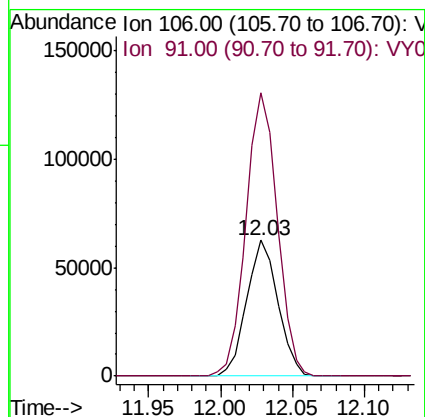
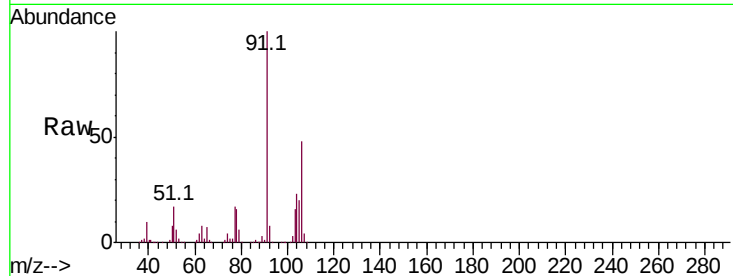
#69
o-Xylene
Concen: 21.099 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.3	104.7	313.9

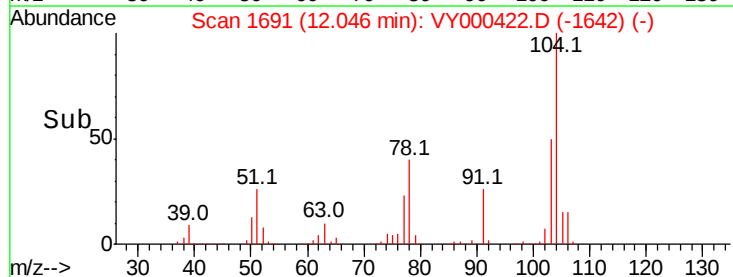
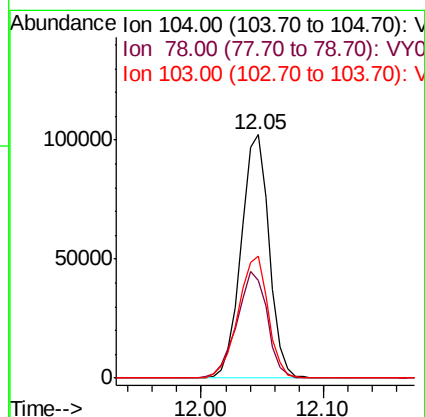
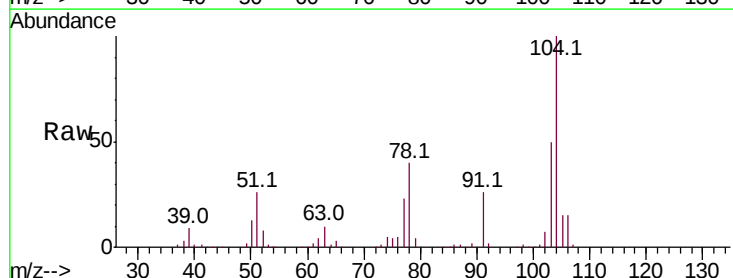
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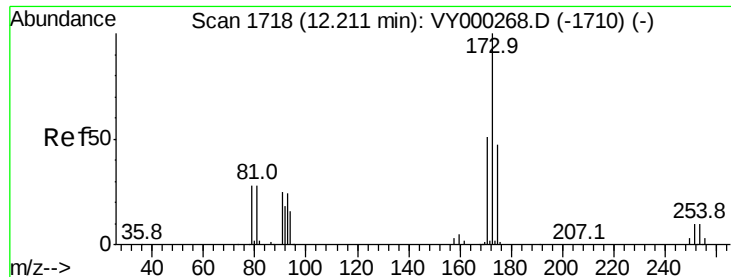
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#70
Styrene
Concen: 21.443 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	39.0	58.6
103	53.3	43.1	64.7





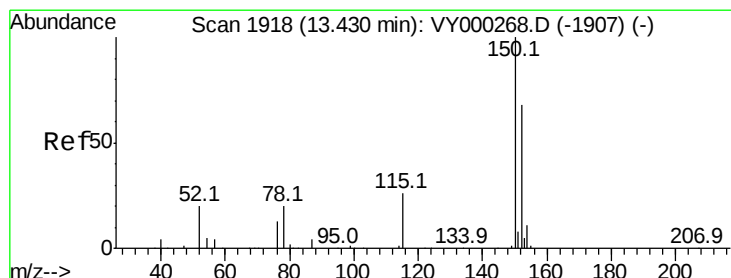
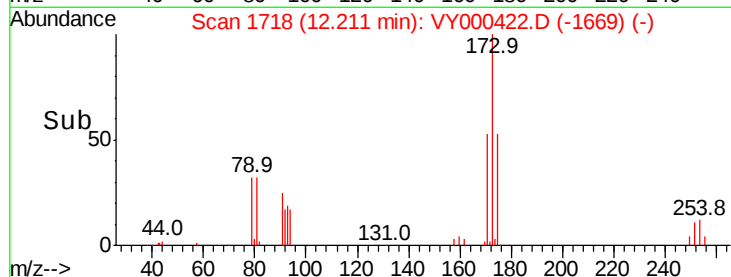
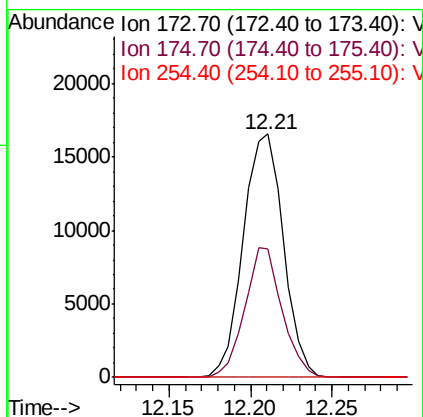
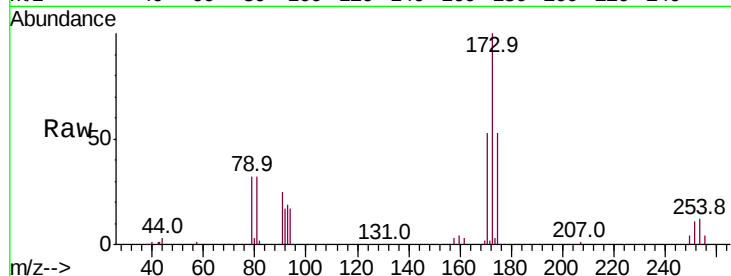
#71
Bromoform
Concen: 21.234 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.6	73.6
254	0.0	0.1	0.1#

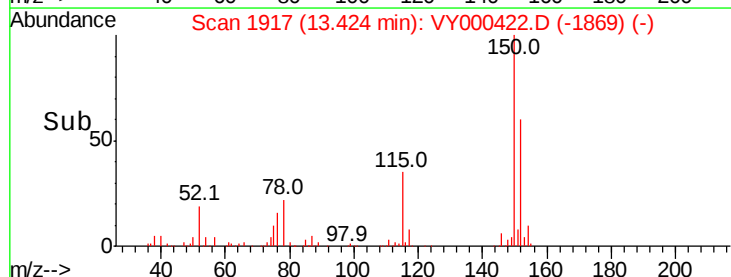
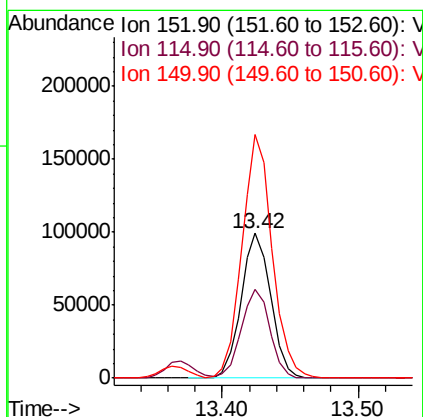
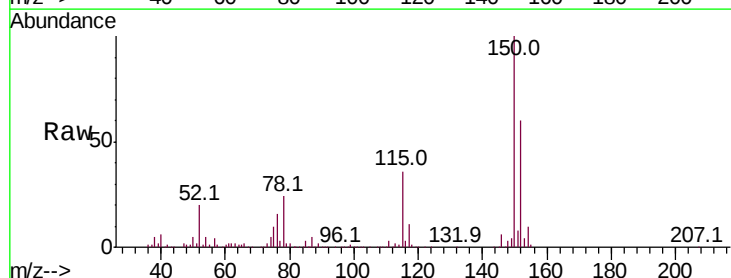
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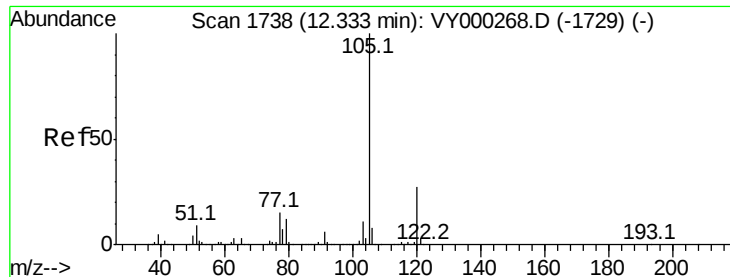
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	88.0
150	171.7	0.0	348.4





#73

Isopropylbenzene

Concen: 21.422 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:105 Resp: 250753

Ion Ratio Lower Upper

105 100

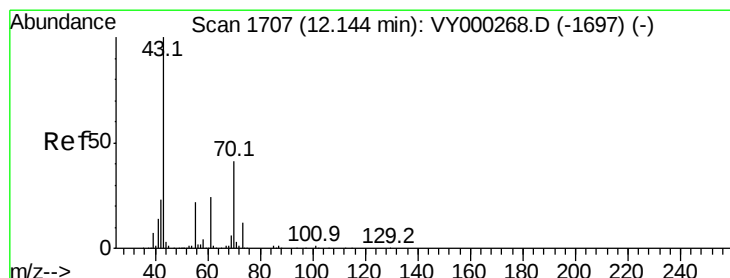
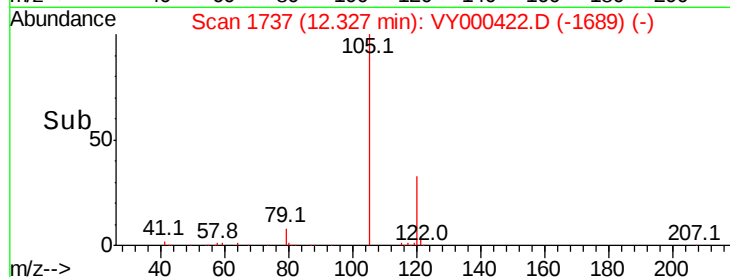
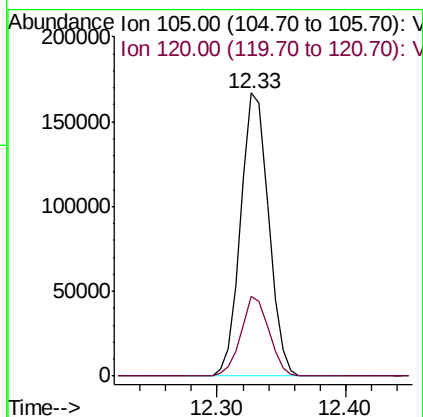
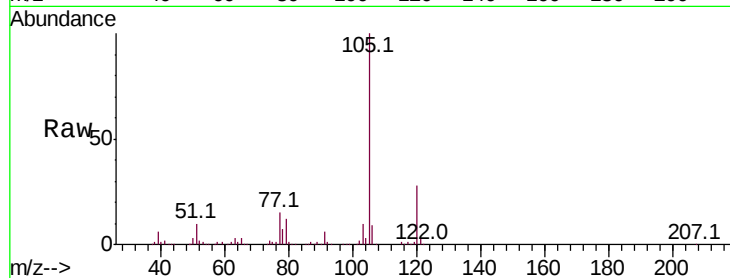
120 28.1 13.4 40.2

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#74

N-ethyl acetate

Concen: 25.536 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion: 43 Resp: 73384

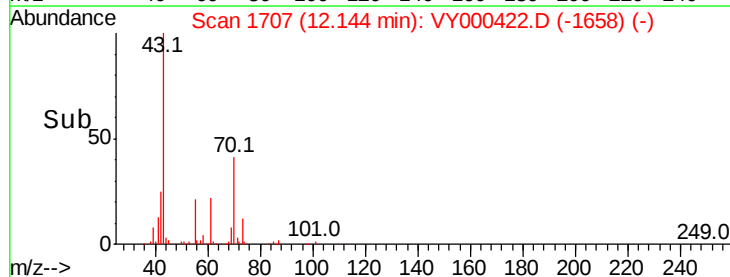
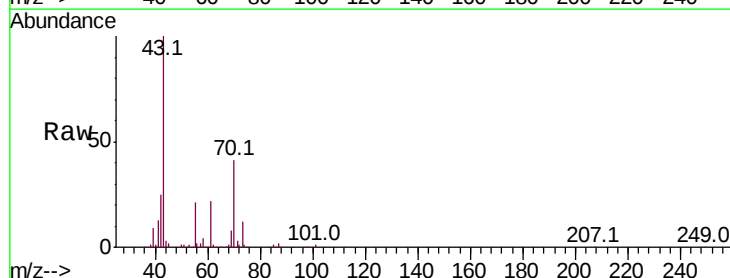
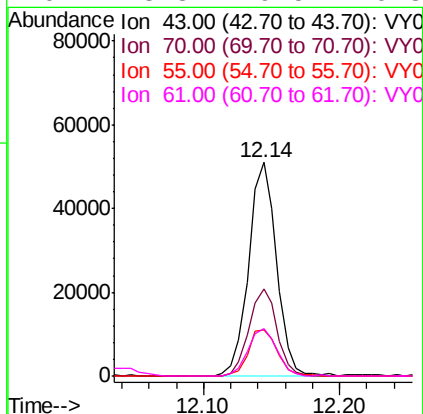
Ion Ratio Lower Upper

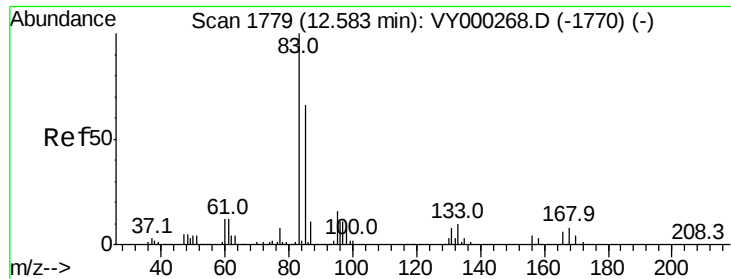
43 100

70 40.7 32.9 49.3

55 22.6 17.8 26.6

61 23.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.498 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

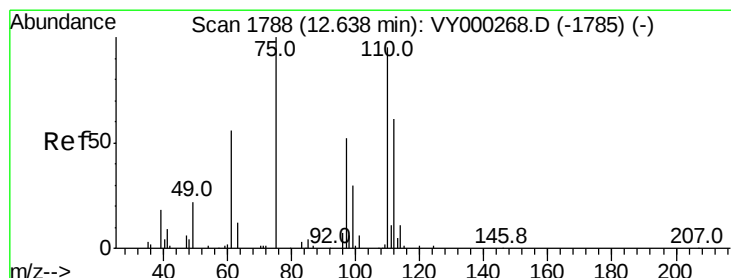
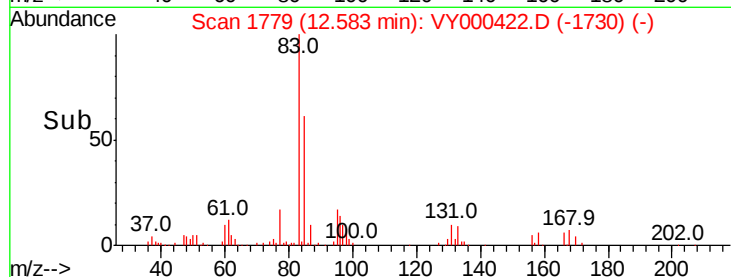
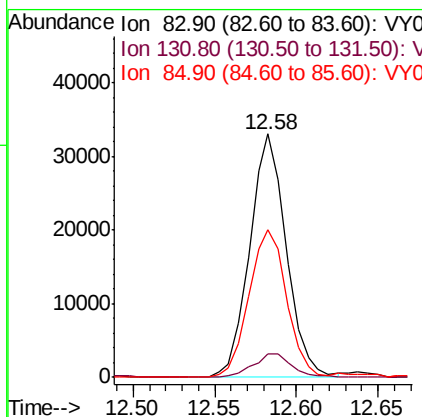
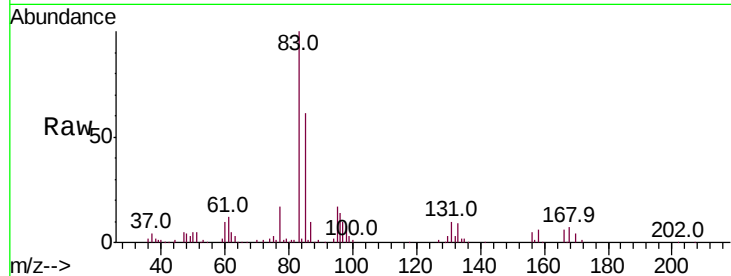
ClientSampleId :

VY1025SBS01

Tot Ion:	83	Resp:	51643
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.3	16.1
85	62.3	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 21.329 ug/l m

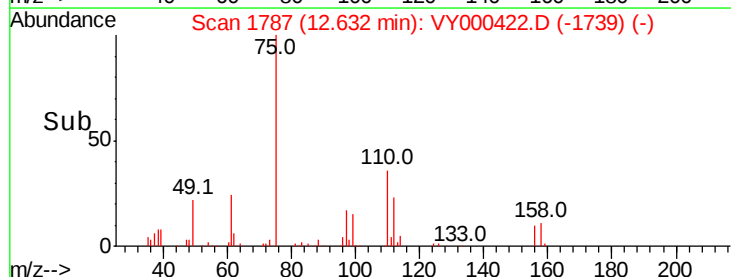
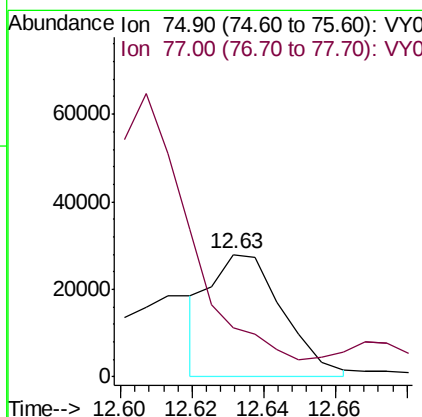
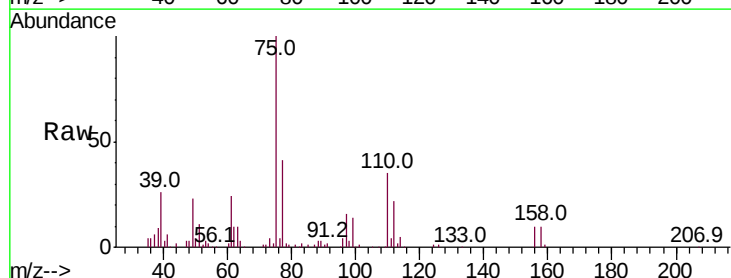
RT: 12.63 min Scan# 1787

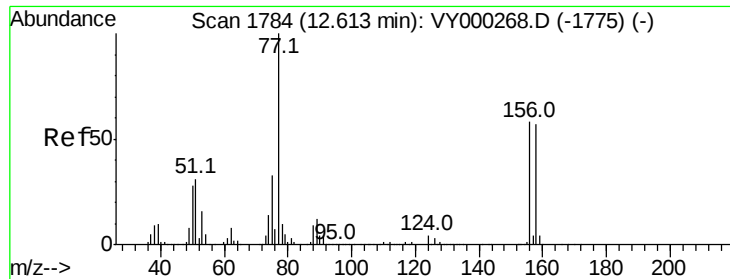
Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion:	75	Resp:	39373
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





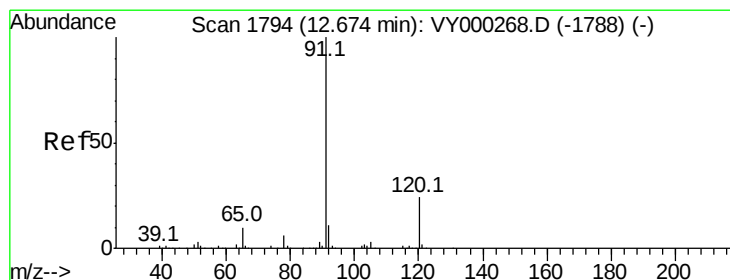
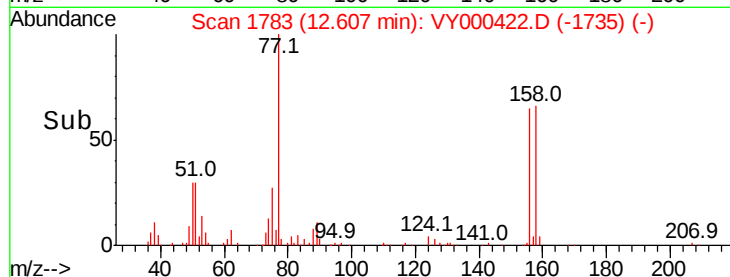
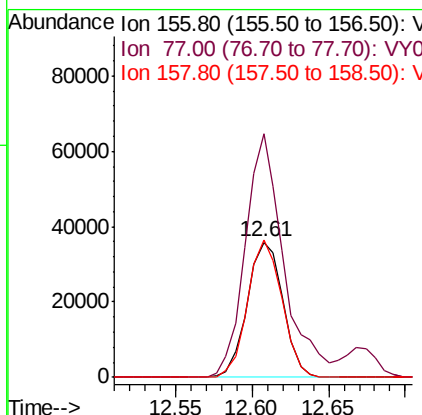
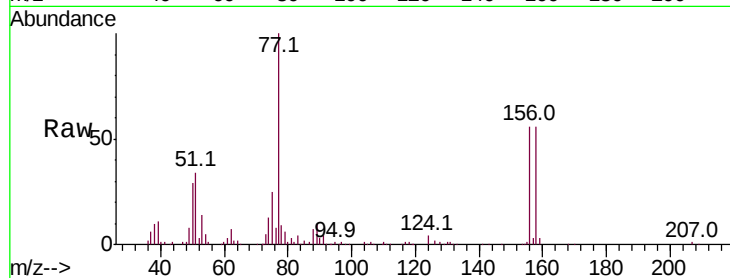
#77
Bromobenzene
Concen: 22.308 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.2	101.0	302.9
158	98.1	49.7	149.1

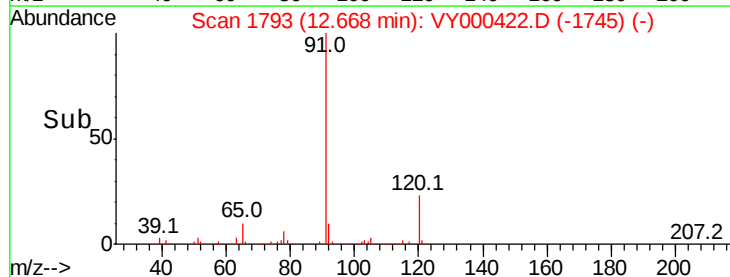
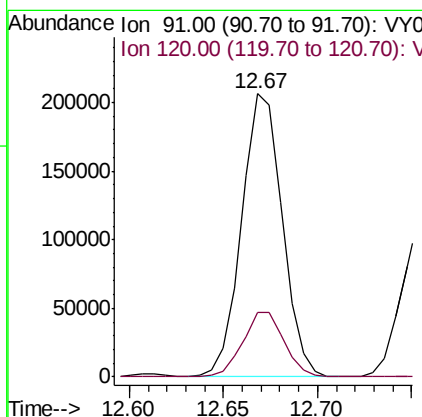
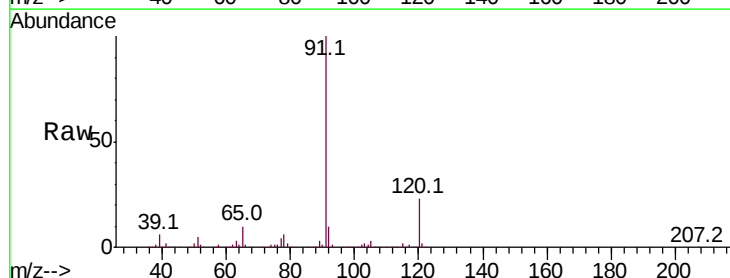
Manual Integrations
APPROVED

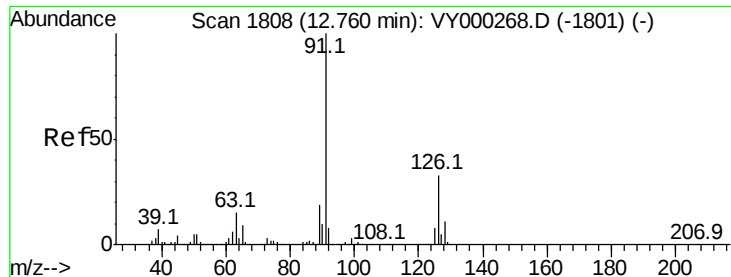
MMDadoda
10/28/2019 12:38:39 PM



#78
n-propylbenzene
Concen: 21.968 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.5





#79

2-Chlorotoluene

Concen: 22.229 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion: 91 Resp: 172538

Ion Ratio Lower Upper

91 100

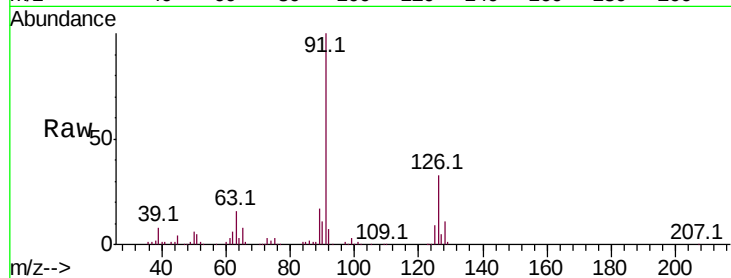
126 34.7 17.1 51.3

Manual Integrations

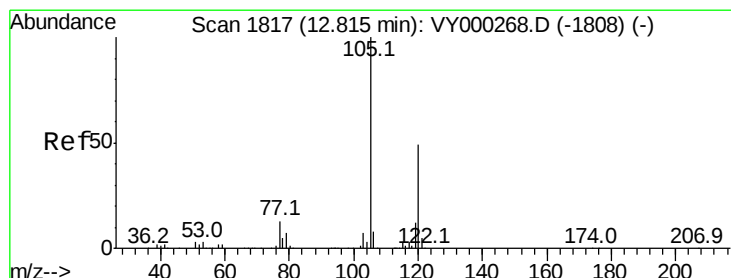
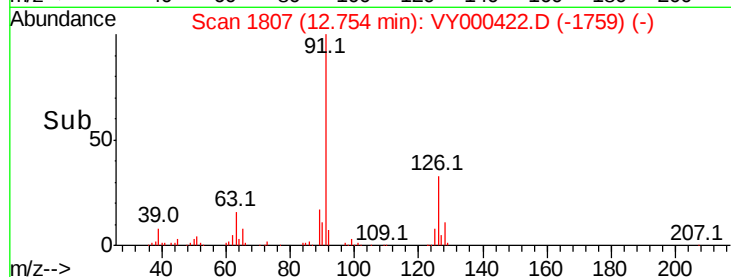
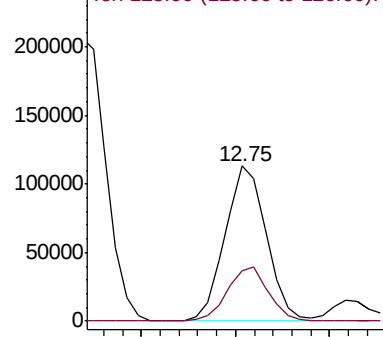
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Abundance Ion 91.00 (90.70 to 91.70): VY000268.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.922 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000422.D

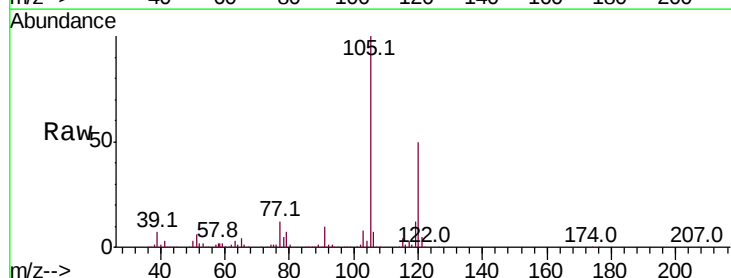
Acq: 25 Oct 2019 12:30

Tgt Ion: 105 Resp: 215171

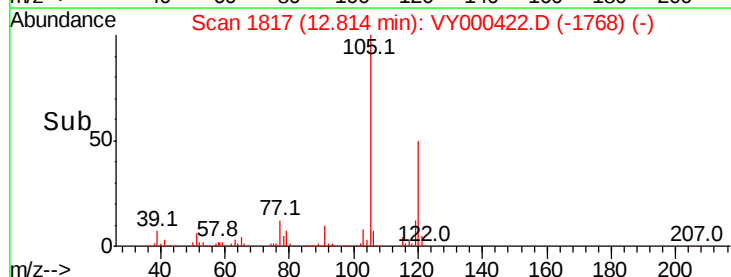
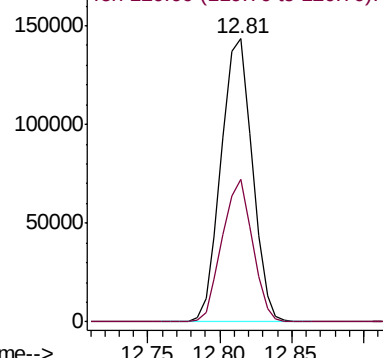
Ion Ratio Lower Upper

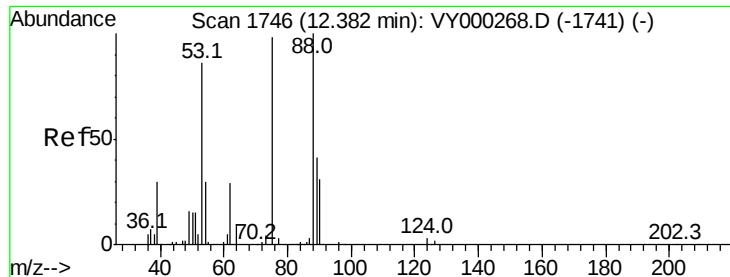
105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000268.D (-1808) (-)





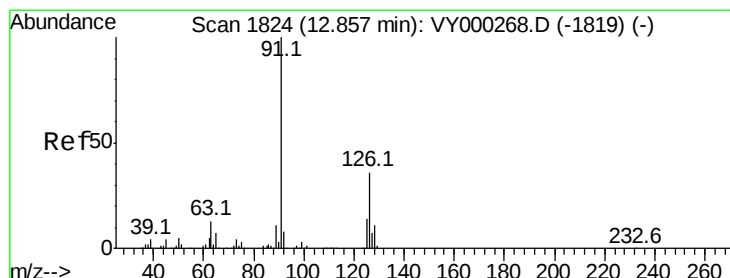
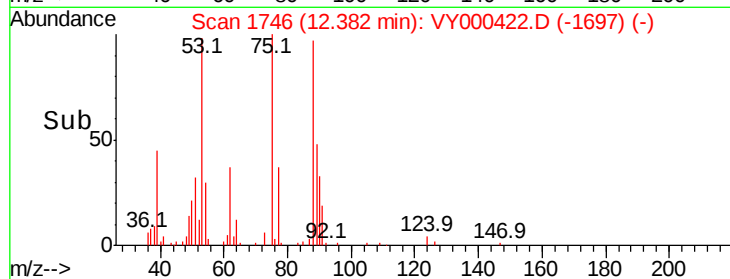
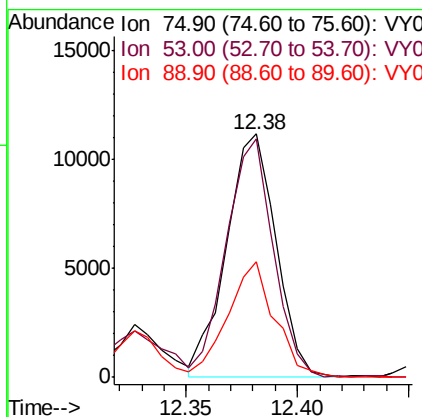
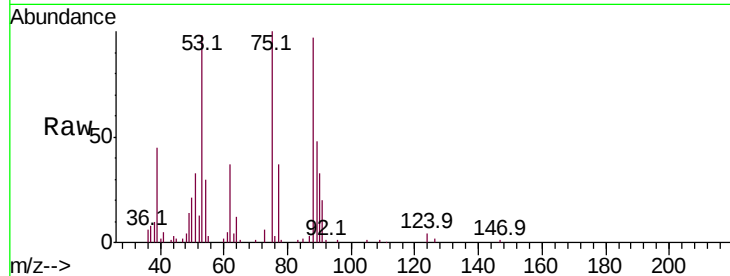
#81
trans-1,4-Dichloro-2-butene
Concen: 20.540 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	71.3	106.9
89	45.1	35.1	52.7

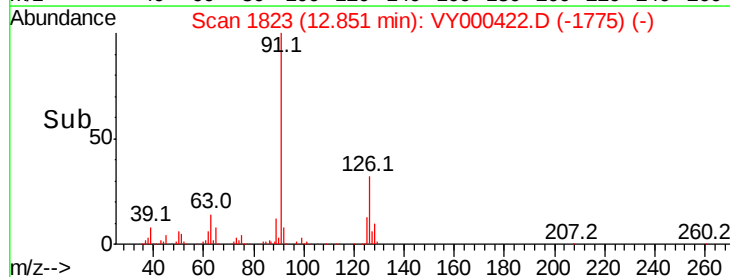
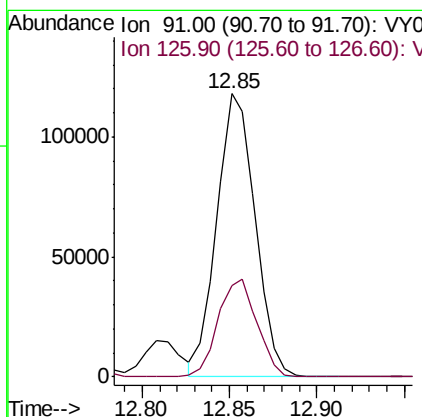
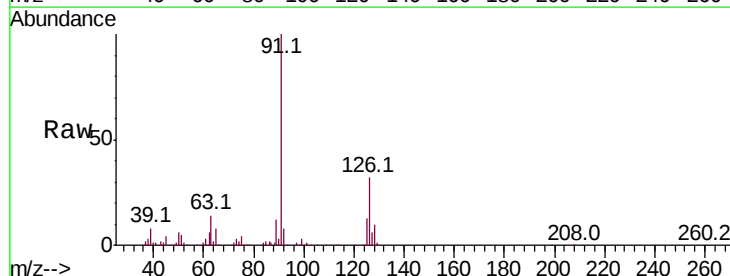
Manual Integrations
APPROVED

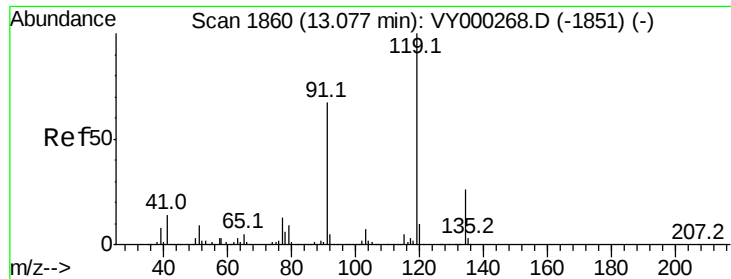
MMDadoda
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#82
4-Chlorotoluene
Concen: 21.899 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.2	51.5





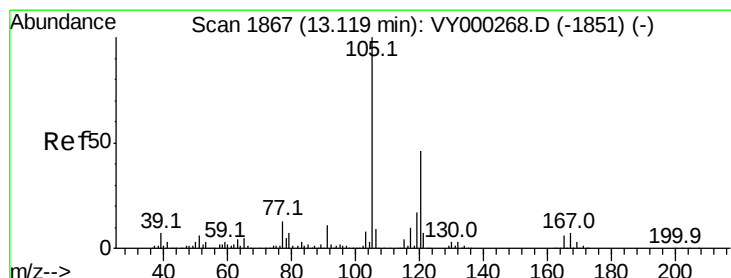
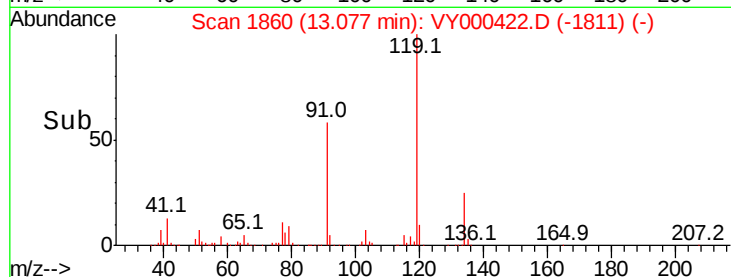
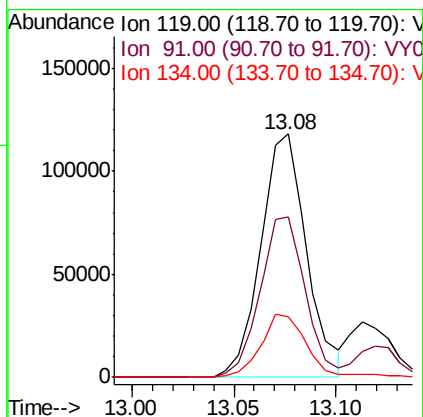
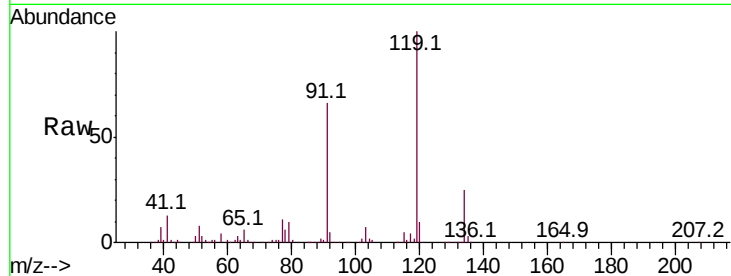
#83
tert-Butylbenzene
Concen: 22.248 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.9	98.7
134	26.3	13.3	39.8

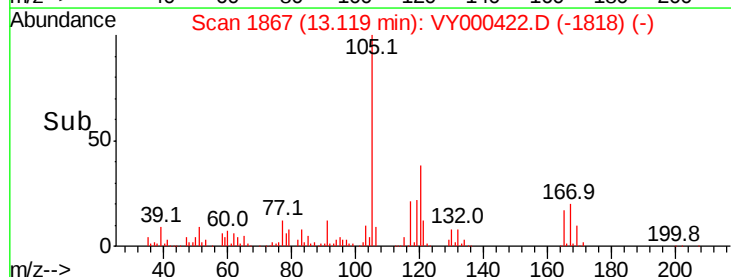
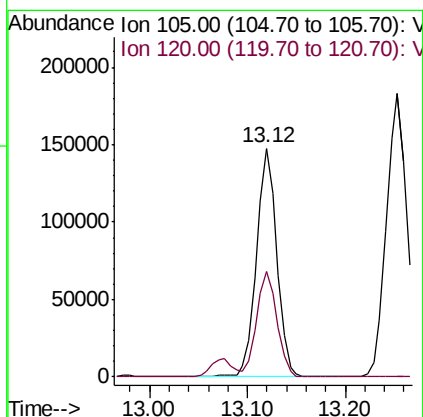
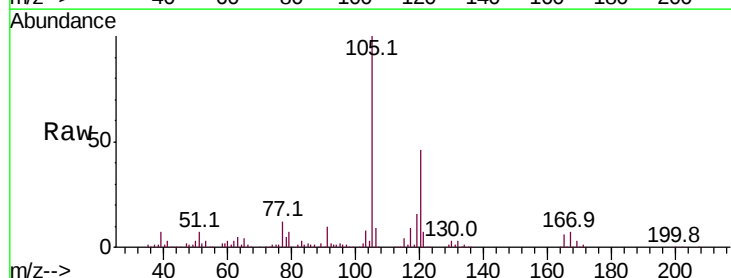
Manual Integrations
APPROVED

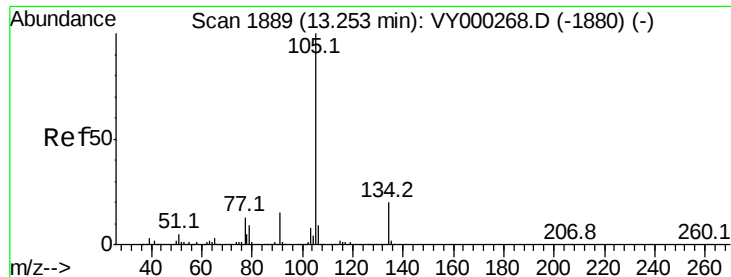
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.937 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.9	68.8





#85

sec-Butylbenzene

Concen: 22.041 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:105 Resp: 265030

Ion Ratio Lower Upper

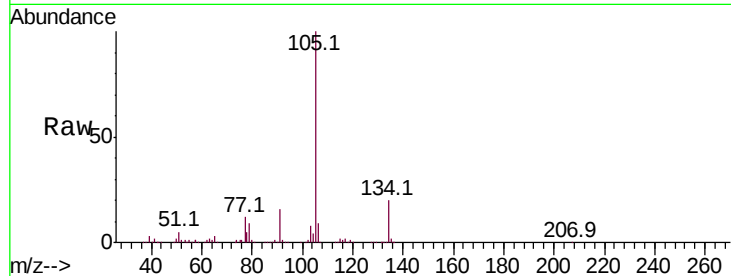
105 100

134 20.4 10.1 30.1

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

200000

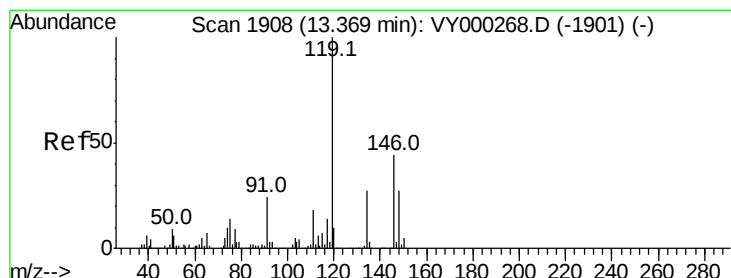
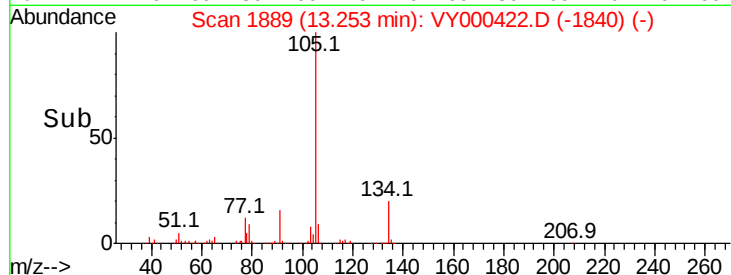
150000

100000

50000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 22.393 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

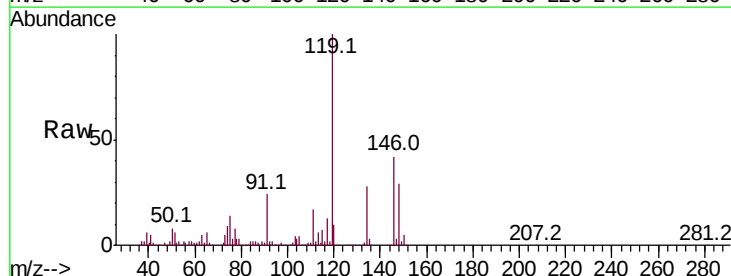
Tgt Ion:119 Resp: 234752

Ion Ratio Lower Upper

119 100

134 27.9 13.6 40.8

91 24.3 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

200000

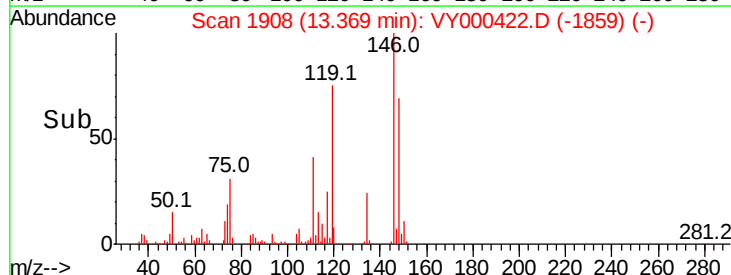
150000

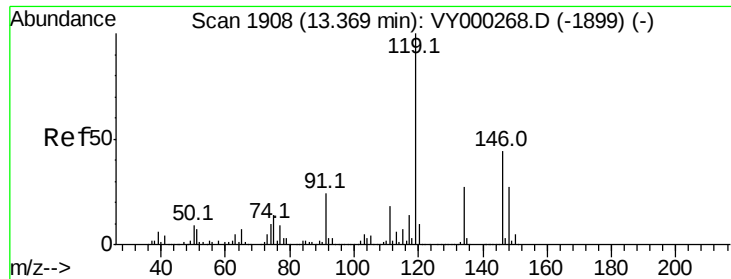
100000

50000

0

Time--> 13.30 13.35 13.40





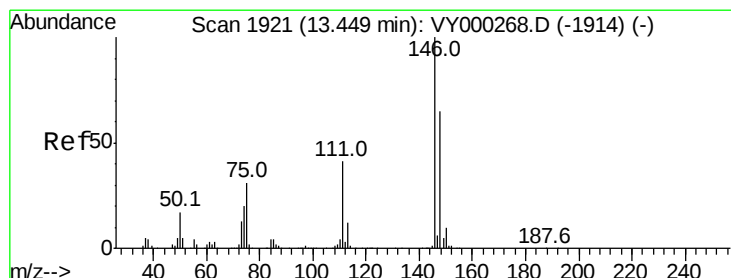
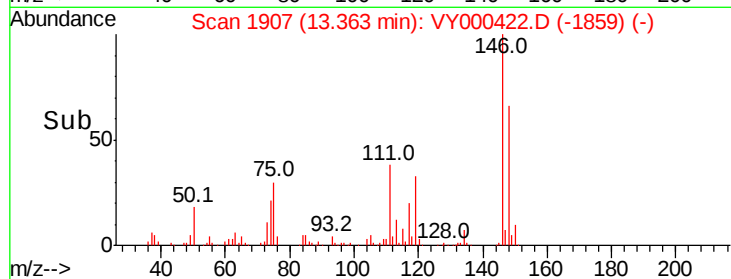
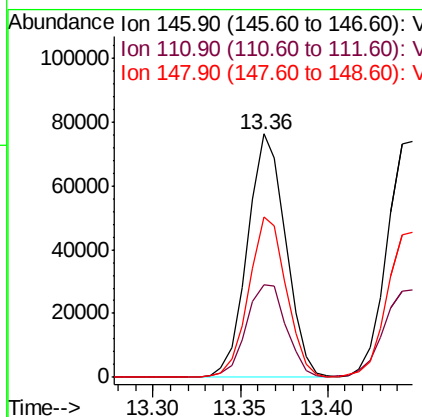
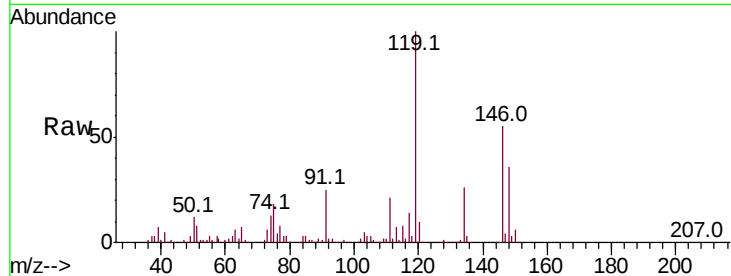
#87
 1,3-Dichlorobenzene
 Concen: 22.566 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.6	61.8
148	64.8	31.9	95.5

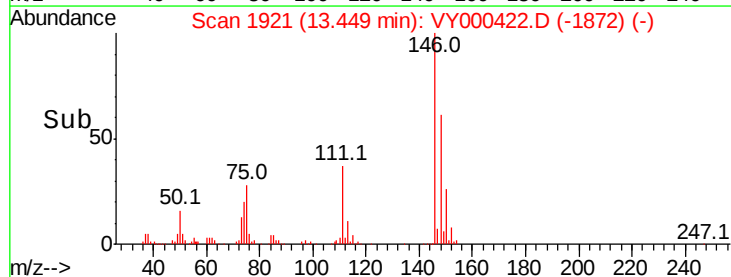
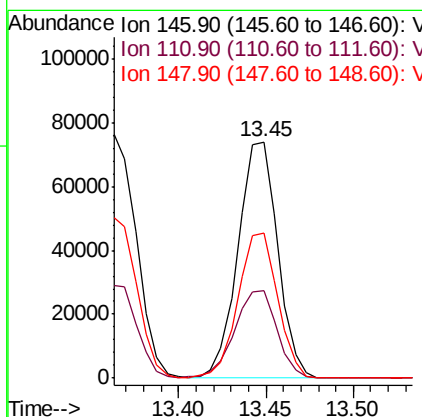
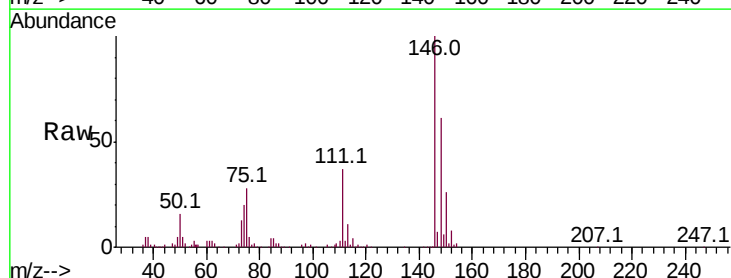
Manual Integrations
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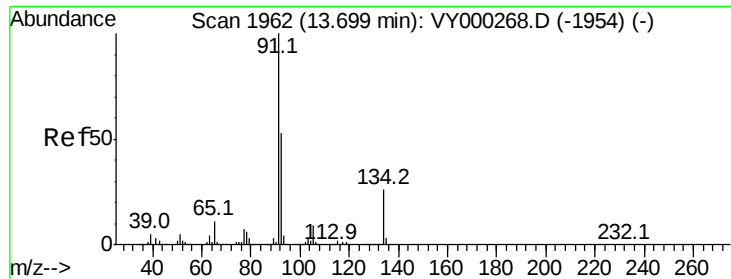
MMDadoda
 10/28/2019 12:38:39 PM



#88
 1,4-Dichlorobenzene
 Concen: 22.809 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	61.5	32.4	97.2





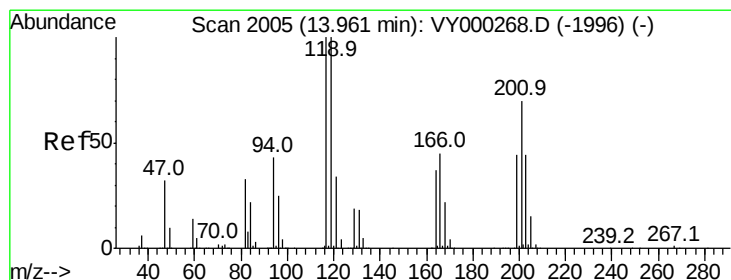
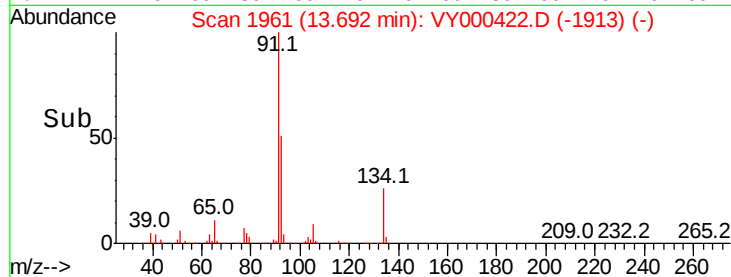
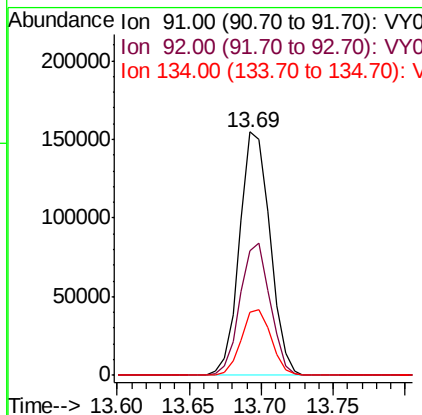
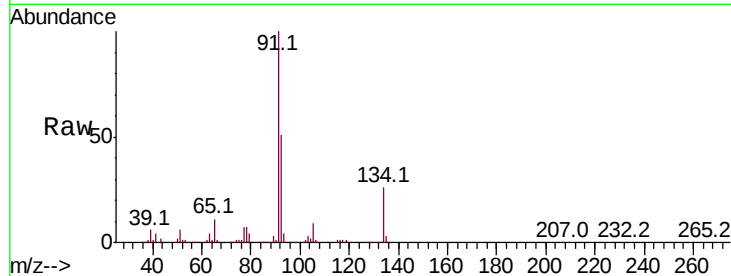
#89
n-Butylbenzene
Concen: 21.995 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :
VY1025SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.7	80.1
134	26.3	13.0	38.9

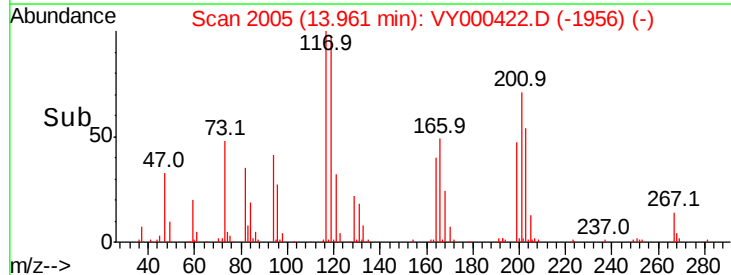
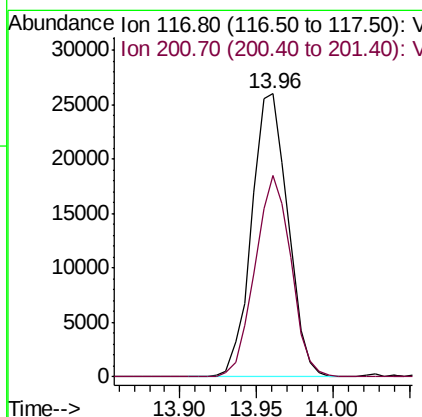
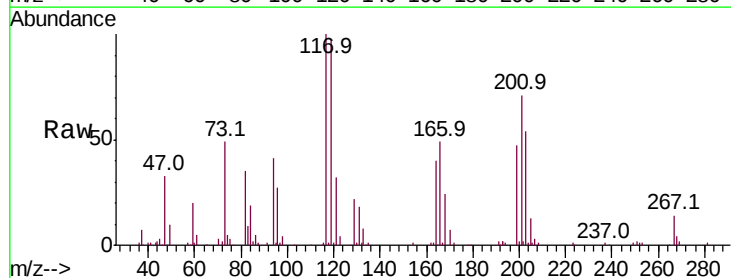
Manual Integrations
APPROVED

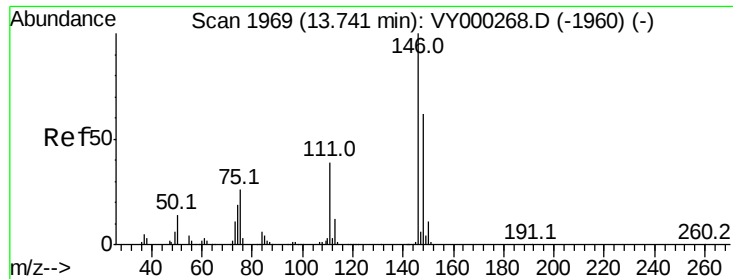
MMDadoda
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#90
Hexachloroethane
Concen: 22.096 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.6	36.3	108.7





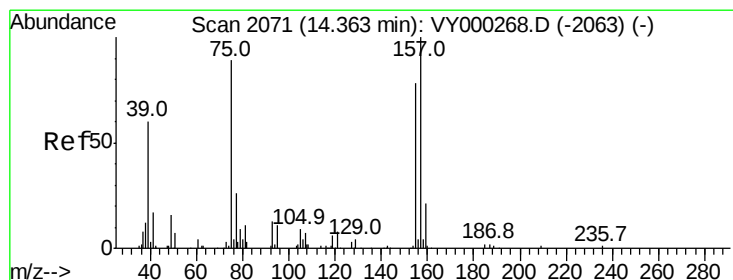
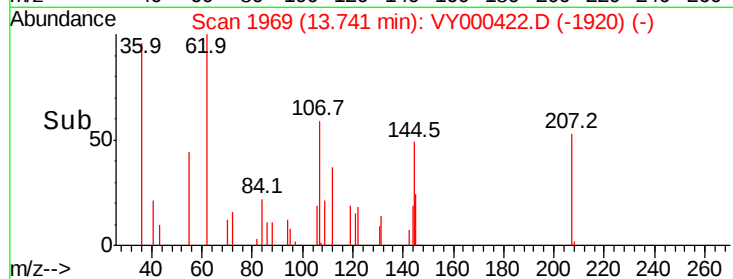
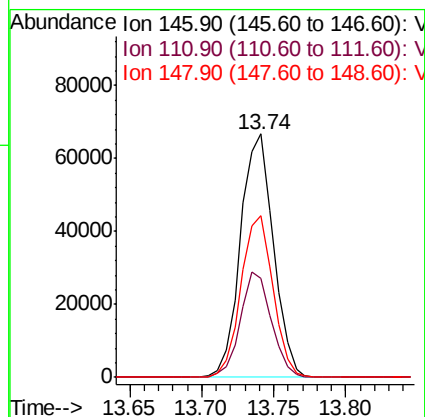
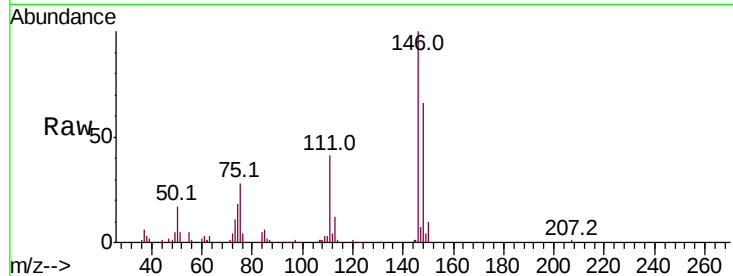
#91
 1,2-Dichlorobenzene
 Concen: 22.746 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1025SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.5
148	64.7	31.6	95.0

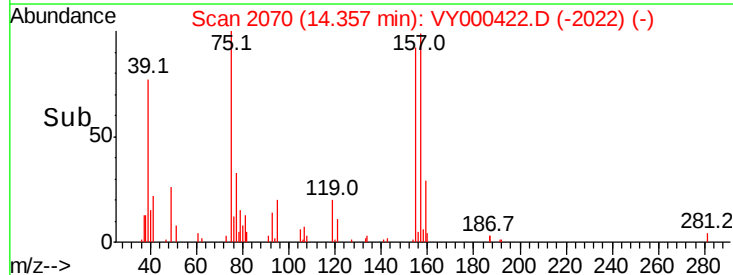
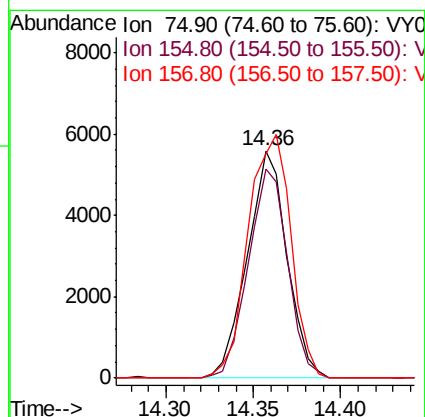
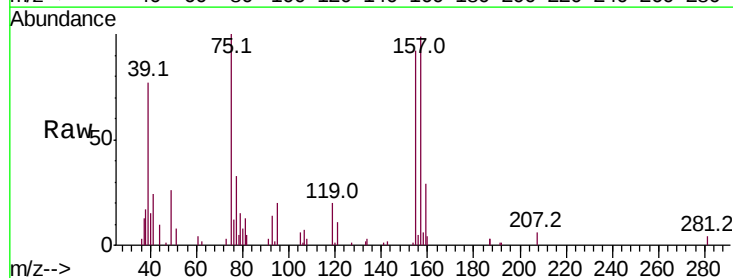
Manual Integrations
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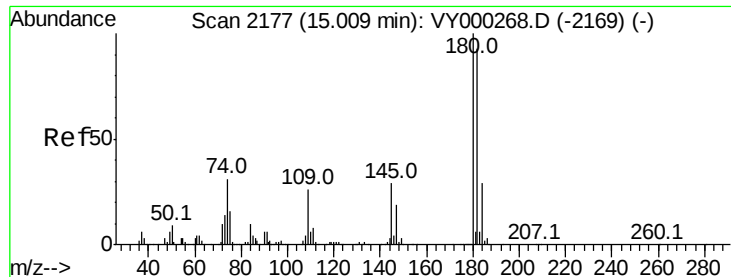
MMDadoda
 10/28/2019 12:38:39 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.191 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	45.8	137.3
157	115.7	55.6	166.9





#93

1,2,4-Trichlorobenzene

Concen: 23.163 ug/l

RT: 15.00 min Scan# 2176

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1025SBS01

Tot Ion:180 Resp: 74900

Ion Ratio Lower Upper

180 100

182 93.7 47.5 142.6

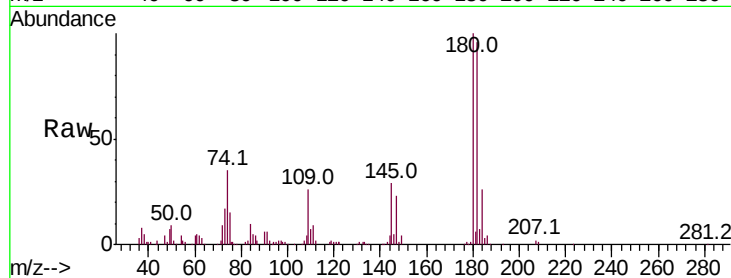
145 29.2 15.4 46.1

Manual Integrations

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MMDadoda

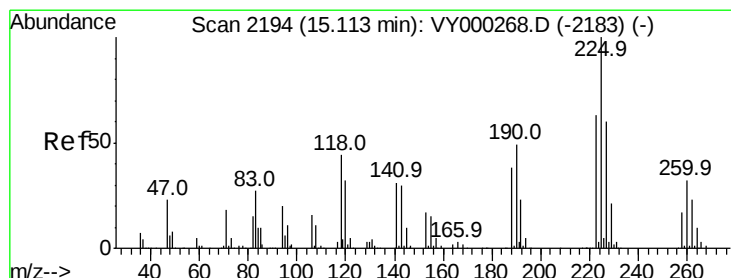
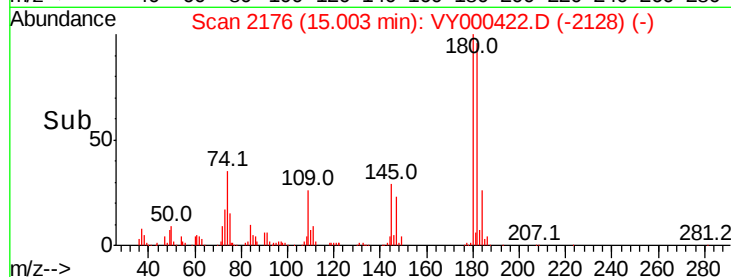
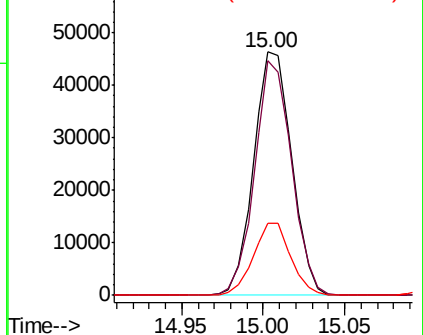
10/28/2019 12:38:39 PM



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.999 ug/l

RT: 15.11 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

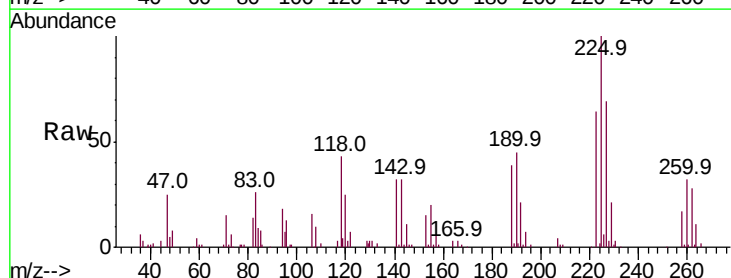
Tgt Ion:225 Resp: 38498

Ion Ratio Lower Upper

225 100

223 65.7 31.9 95.7

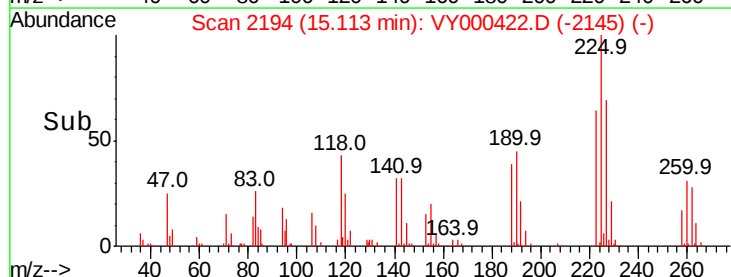
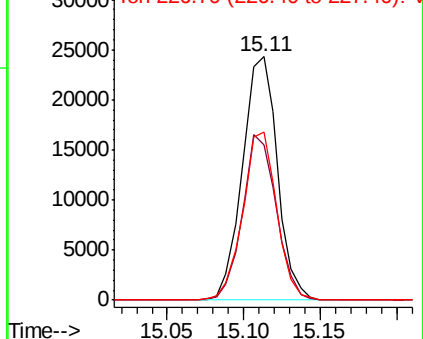
227 67.2 31.4 94.2

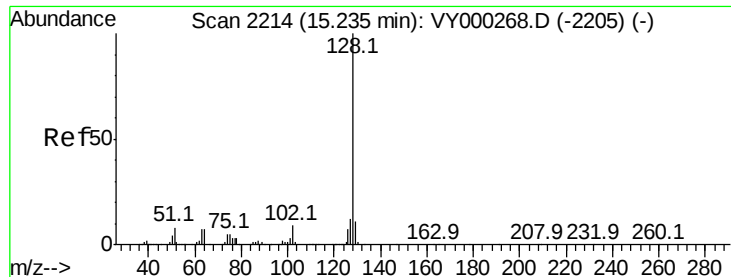


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.761 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

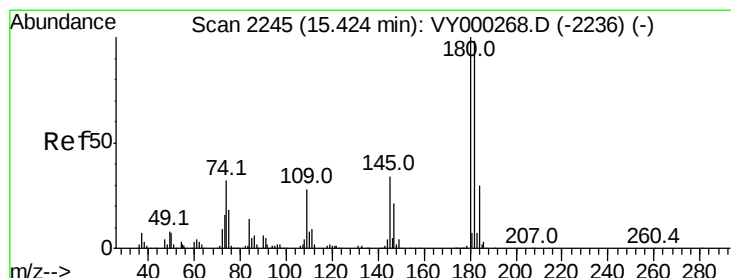
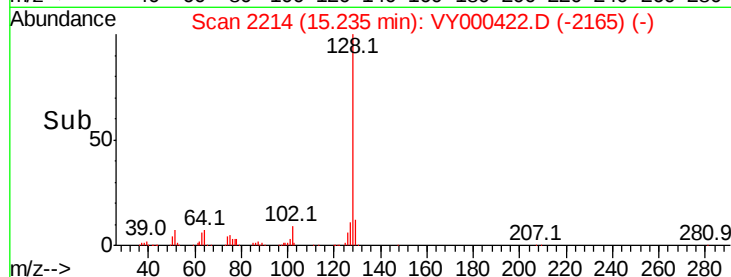
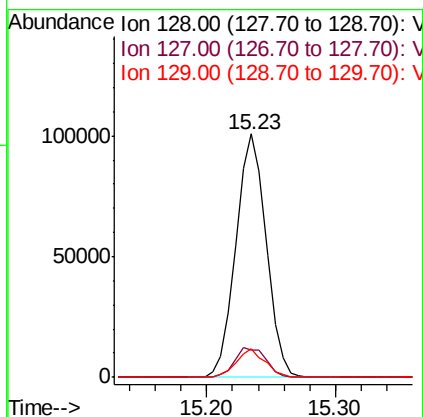
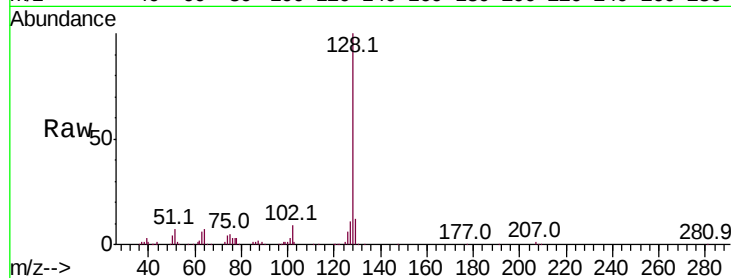
ClientSampleId :

VY1025SBS01

Tot Ion:	128	Resp:	164248
Ion Ratio	Lower	Upper	
128	100		
127	12.5	9.6	14.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/28/2019 12:38:39 PM



#96

1,2,3-Trichlorobenzene

Concen: 23.081 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion:	180	Resp:	67265
Ion Ratio	Lower	Upper	
180	100		
182	93.8	46.5	139.5
145	31.9	16.2	48.5

