

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102219\
 Data File : VY000359.D
 Acq On : 22 Oct 2019 12:56
 Operator : SY/MD
 Sample : VY1022SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:34:04 PM

Quant Time: Oct 23 08:13:57 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	268914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	436118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	390087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	191083	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	139278	49.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.20%	
35) Dibromofluoromethane	7.73	113	128100	48.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.38%	
50) Toluene-d8	10.18	98	509334	50.33	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.49	95	182513	47.47	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	50158	21.093	ug/l	93
3) Chloromethane	2.12	50	68558	20.863	ug/l	96
4) Vinyl Chloride	2.26	62	65251	19.676	ug/l	99
5) Bromomethane	2.65	94	51377	20.904	ug/l	99
6) Chloroethane	2.79	64	41988	19.623	ug/l	98
7) Trichlorofluoromethane	3.13	101	94804	20.899	ug/l	95
8) Diethyl Ether	3.53	74	32323	20.169	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	57417	20.870	ug/l	100
10) Methyl Iodide	4.10	142	68661	18.292	ug/l	97
11) Tert butyl alcohol	4.98	59	28880	97.287	ug/l	98
12) 1,1-Dichloroethene	3.88	96	55168	20.313	ug/l	92
13) Acrolein	3.74	56	27611	79.335	ug/l	100
14) Allyl chloride	4.49	41	90419	20.089	ug/l	100
15) Acrylonitrile	5.18	53	88091	98.208	ug/l	96
16) Acetone	3.96	43	71856	78.222	ug/l	99
17) Carbon Disulfide	4.19	76	166455	19.466	ug/l	98
18) Methyl Acetate	4.49	43	43606	19.105	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	159279	21.067	ug/l	93
20) Methylene Chloride	4.72	84	67814	18.483	ug/l	96
21) trans-1,2-Dichloroethene	5.22	96	63493	20.376	ug/l	92
22) Diisopropyl ether	6.13	45	195865	20.575	ug/l	95
23) Vinyl Acetate	6.07	43	638580	102.826	ug/l	100
24) 1,1-Dichloroethane	6.03	63	105379	20.281	ug/l	98
25) 2-Butanone	7.00	43	123470	95.414	ug/l	92
26) 2,2-Dichloropropane	7.00	77	97537	20.371	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	70983	21.052	ug/l	95
28) Bromochloromethane	7.35	49	41058	18.407	ug/l	97
29) Tetrahydrofuran	7.36	42	77611	98.963	ug/l	97
30) Chloroform	7.52	83	109531	20.932	ug/l	93
31) Cyclohexane	7.79	56	108927	20.071	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	95301	20.485	ug/l	100
36) 1,1-Dichloropropene	7.93	75	84188	19.717	ug/l	99
37) Ethyl Acetate	7.08	43	52524	20.775	ug/l	98
38) Carbon Tetrachloride	7.91	117	85019	20.565	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	114025	20.404	ug/l	97
40) Benzene	8.17	78	252614	20.472	ug/l	97
41) Methacrylonitrile	7.32	41	21522m	17.883	ug/l	
42) 1,2-Dichloroethane	8.25	62	74523	21.143	ug/l	99
43) Isopropyl Acetate	8.28	43	97390	20.259	ug/l	99
44) Trichloroethene	8.94	130	69930	20.198	ug/l	98
45) 1,2-Dichloropropane	9.23	63	62918	20.778	ug/l	100
46) Dibromomethane	9.32	93	35997	21.265	ug/l	96
47) Bromodichloromethane	9.50	83	84700	21.231	ug/l	97
48) Methyl methacrylate	9.30	41	42595	20.218	ug/l	97
49) 1,4-Dioxane	9.31	88	9054	356.720	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	262756	105.972	ug/l	99
52) Toluene	10.25	92	160056	20.430	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	89251	20.875	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	102966	21.207	ug/l	96
55) 1,1,2-Trichloroethane	10.65	97	52098	21.167	ug/l	93
56) Ethyl methacrylate	10.52	69	72360	20.626	ug/l	97
57) 1,3-Dichloropropane	10.80	76	89991	21.290	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	170582	121.905	ug/l	99
59) 2-Hexanone	10.84	43	190472	109.443	ug/l	99
60) Dibromochloromethane	10.99	129	57854	21.207	ug/l	97
61) 1,2-Dibromoethane	11.09	107	46660	19.744	ug/l	94
64) Tetrachloroethene	10.72	164	78451	21.125	ug/l	98
65) Chlorobenzene	11.52	112	172442	20.946	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	60282	20.845	ug/l	98
67) Ethyl Benzene	11.60	91	312048	20.447	ug/l	96
68) m/p-Xylenes	11.71	106	240150	41.163	ug/l	100
69) o-Xylene	12.03	106	113969	20.477	ug/l	99
70) Styrene	12.05	104	191834	20.438	ug/l	99
71) Bromoform	12.21	173	34753	20.905	ug/l #	100
73) Isopropylbenzene	12.33	105	304405	20.431	ug/l	99
74) N-amyl acetate	12.14	43	86730	23.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57009	20.379	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	48716m	20.733	ug/l	
77) Bromobenzene	12.61	156	69914	21.087	ug/l	95
78) n-propylbenzene	12.67	91	365773	20.447	ug/l	100
79) 2-Chlorotoluene	12.76	91	200112	20.255	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	253812	20.315	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	21282	19.817	ug/l	97
82) 4-Chlorotoluene	12.86	91	213196	20.415	ug/l	99
83) tert-Butylbenzene	13.08	119	216915	20.502	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	257302	20.867	ug/l	100
85) sec-Butylbenzene	13.25	105	309402	20.215	ug/l	98
86) p-Isopropyltoluene	13.37	119	280145	20.995	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	133832	20.488	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	134453	20.592	ug/l	99
89) n-Butylbenzene	13.70	91	273166	20.716	ug/l	100
90) Hexachloroethane	13.96	117	52802	21.370	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	127932	21.641	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11182	21.076	ug/l	91

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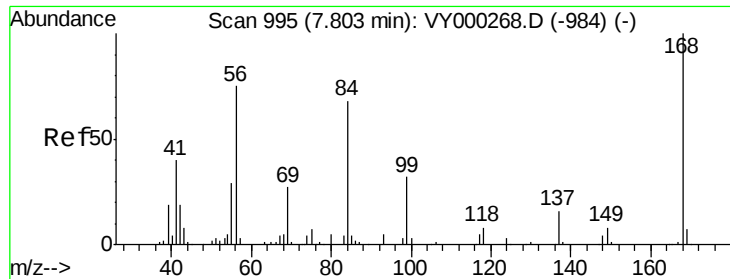
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	86803	21.089	ug/l	98
94) Hexachlorobutadiene	15.11	225	44371	19.920	ug/l	98
95) Naphthalene	15.24	128	192576	20.966	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	80083	21.589	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: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion:168 Resp: 268914

Ion Ratio Lower Upper

168 100

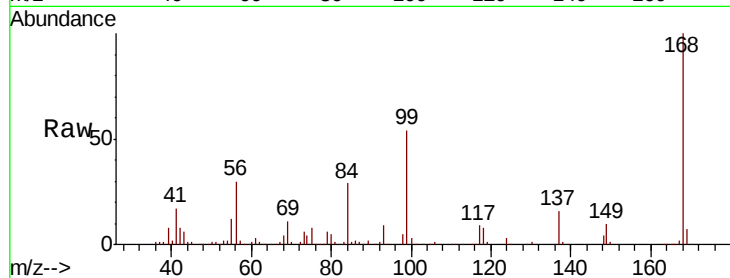
99 54.3 46.6 69.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

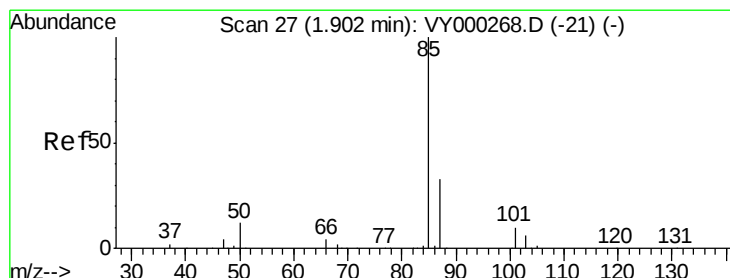
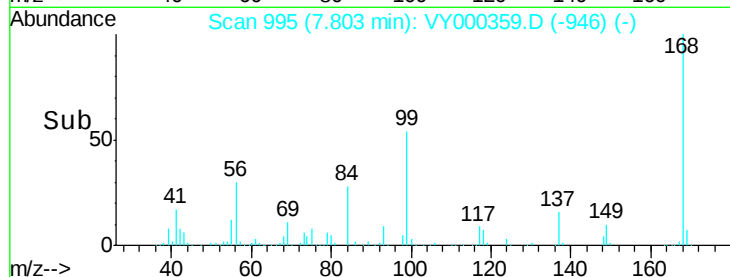
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.093 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000359.D

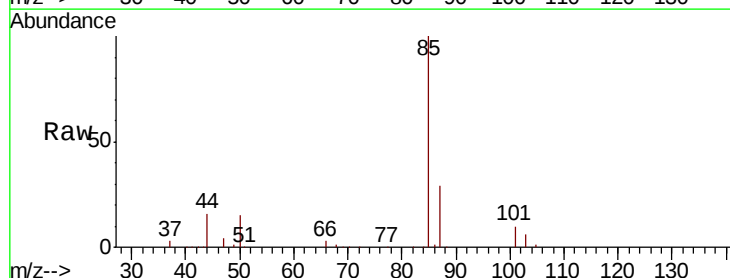
Acq: 22 Oct 2019 12:56

Tgt Ion: 85 Resp: 50158

Ion Ratio Lower Upper

85 100

87 29.1 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

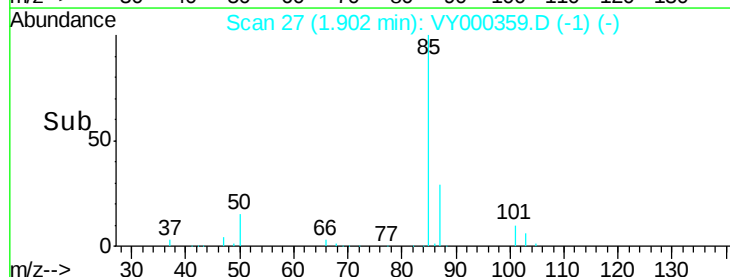
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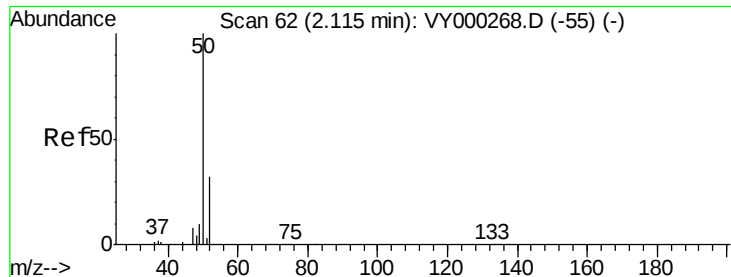
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.863 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 50 Resp: 68558

Ion Ratio Lower Upper

50 100

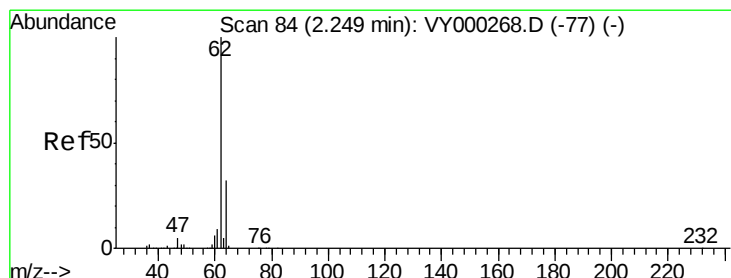
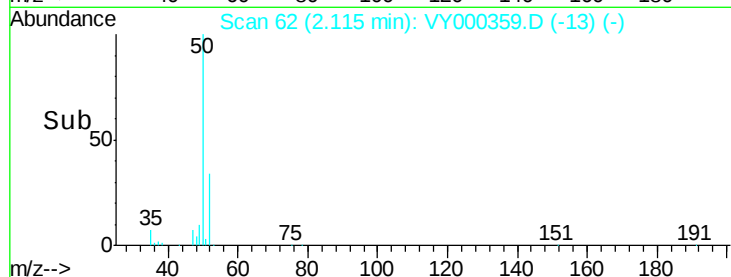
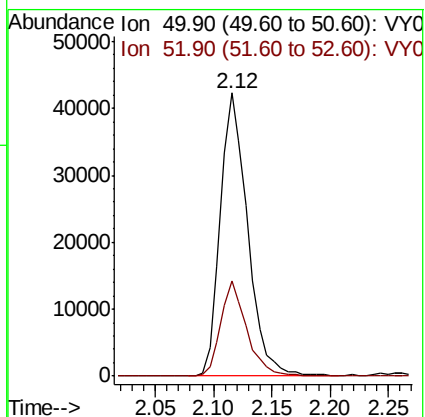
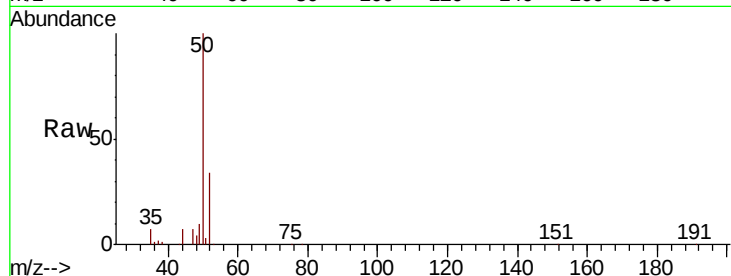
52 33.8 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.676 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000359.D

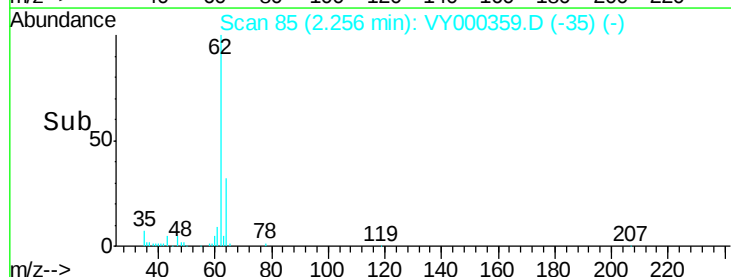
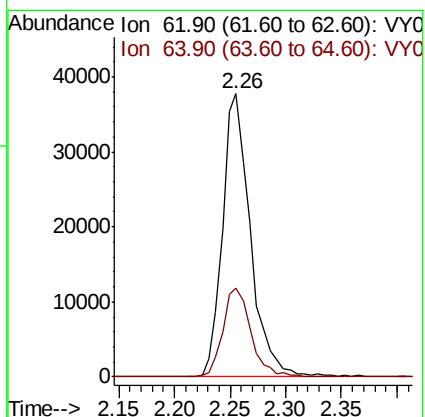
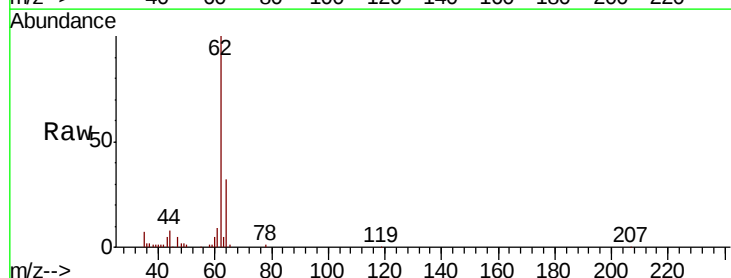
Acq: 22 Oct 2019 12:56

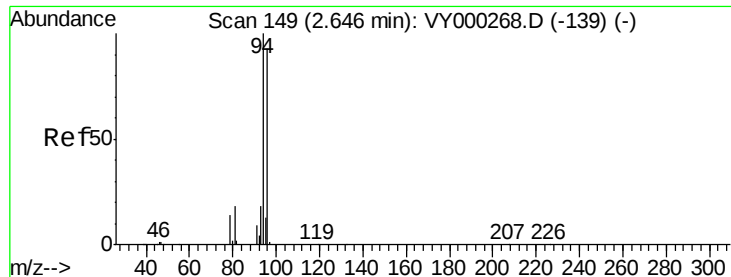
Tgt Ion: 62 Resp: 65251

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 20.904 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 94 Resp: 51377

Ion Ratio Lower Upper

94 100

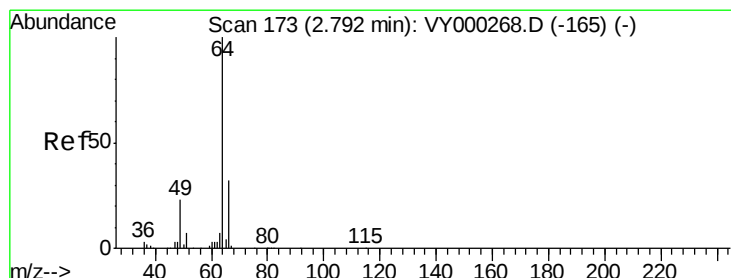
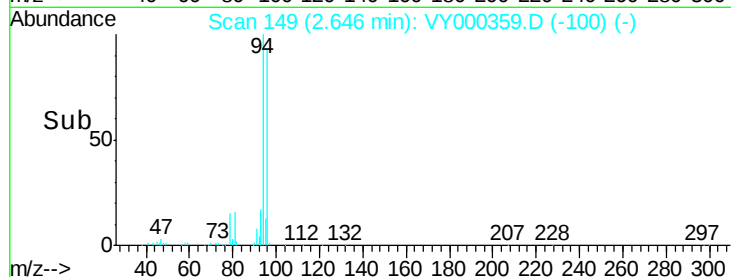
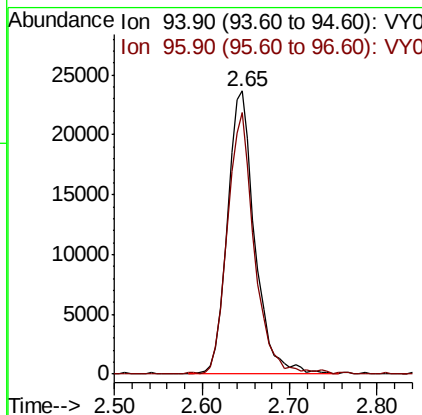
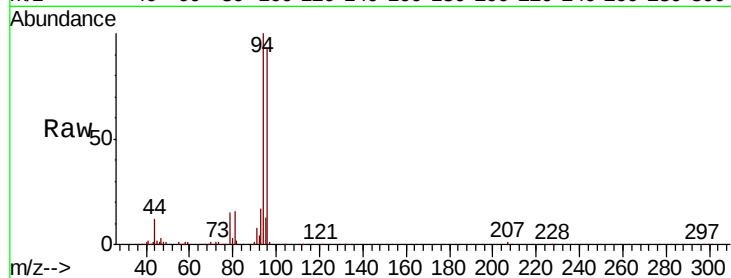
96 92.1 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 19.623 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000359.D

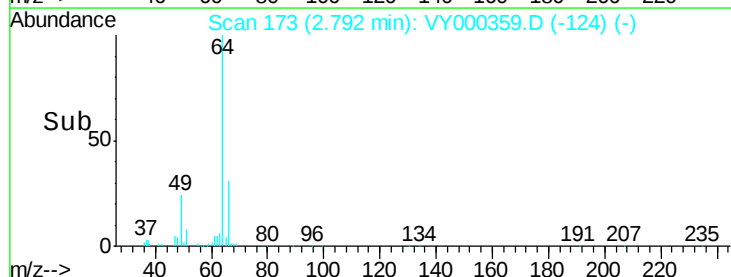
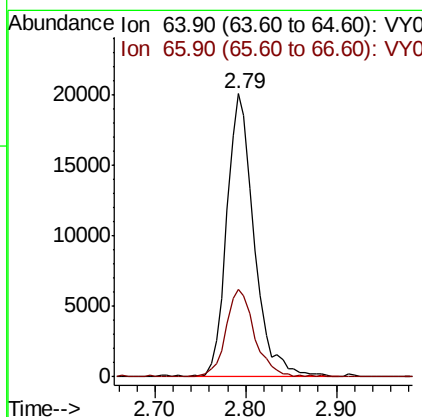
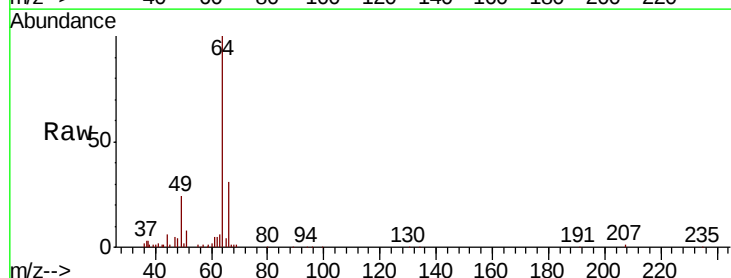
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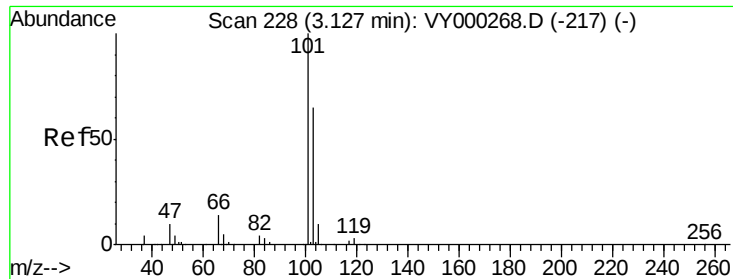
Tgt Ion: 64 Resp: 41988

Ion Ratio Lower Upper

64 100

66 30.9 25.6 38.4





#7

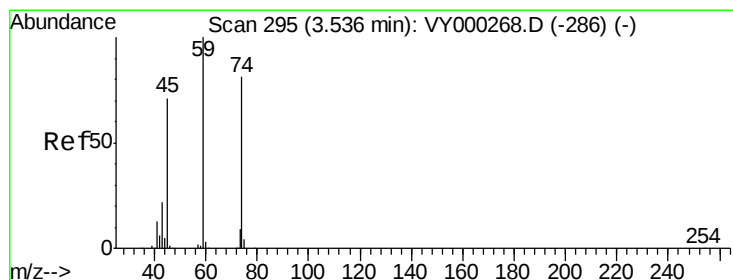
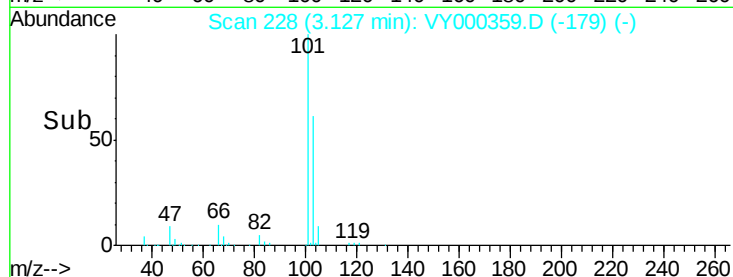
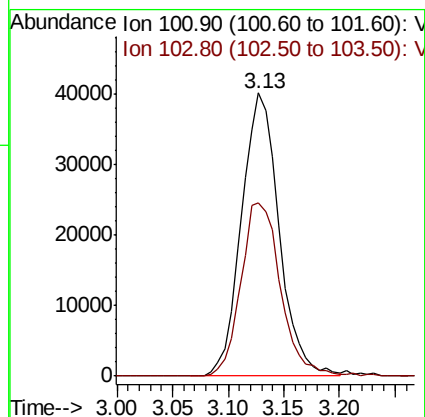
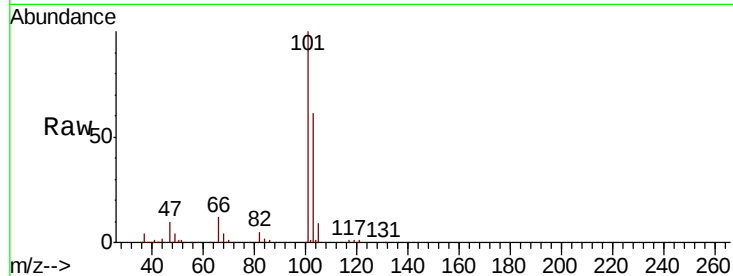
Trichlorofluoromethane
 Concen: 20.899 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
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 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.2	52.2	78.4

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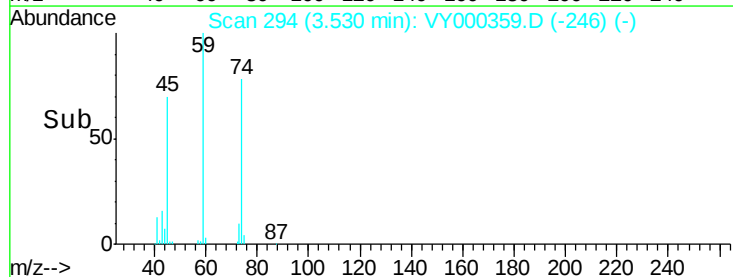
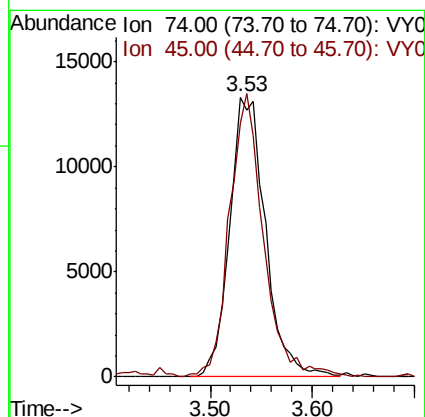
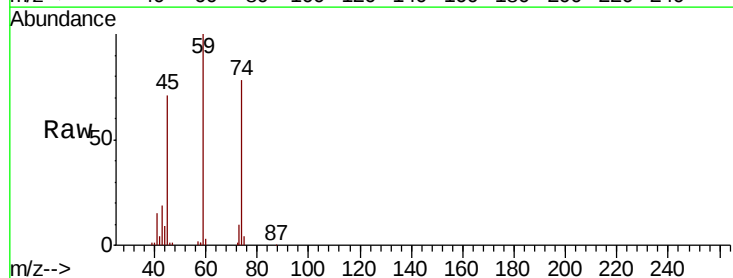
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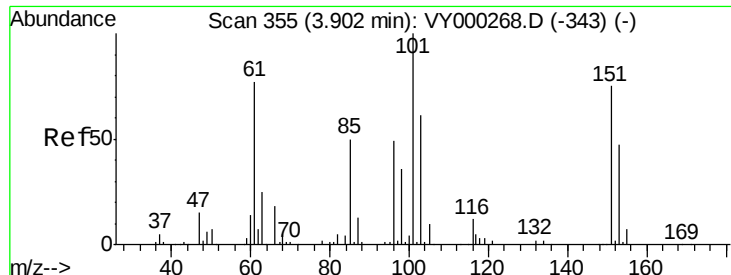


#8

Diethyl Ether
 Concen: 20.169 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	47.1	141.4





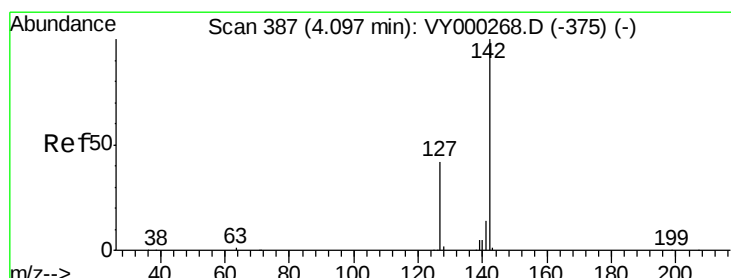
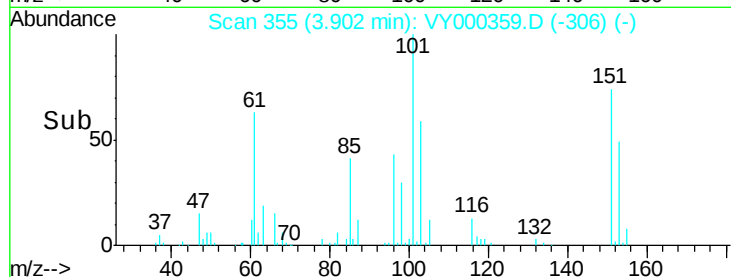
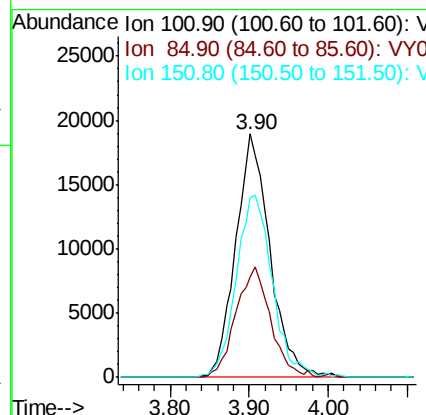
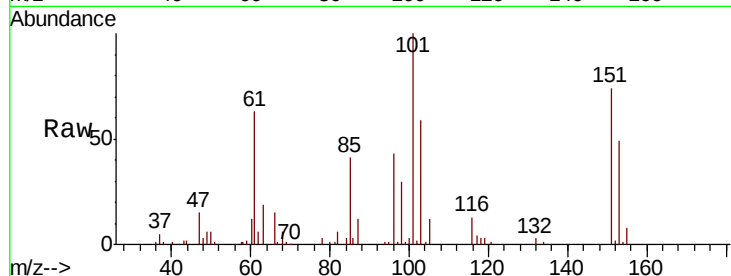
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.870 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.8	36.6	55.0
151	78.9	63.1	94.7

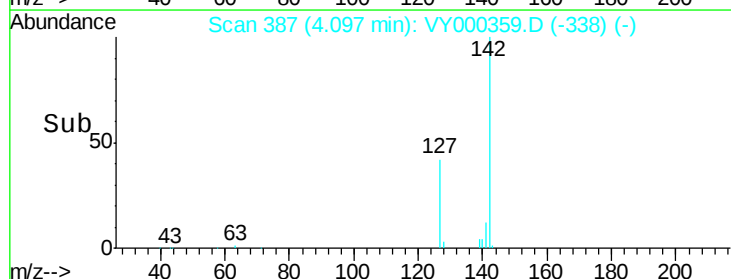
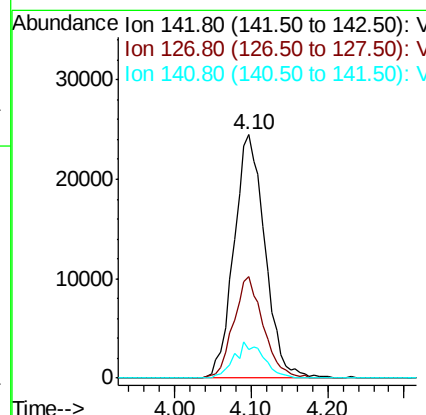
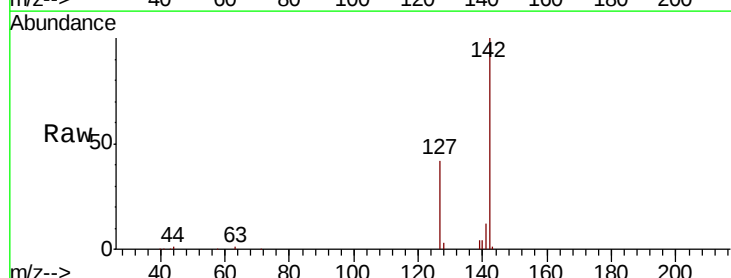
Manual Integrations
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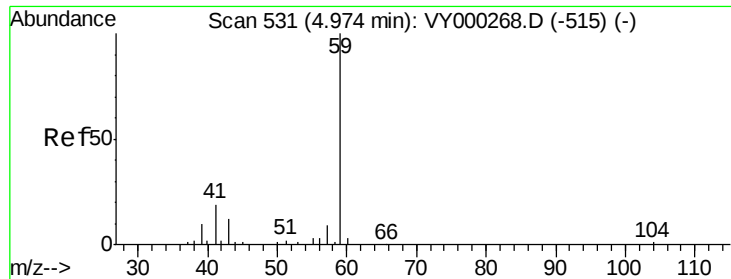
MMDadoda
10/24/2019 4:34:04 PM



#10
Methyl Iodide
Concen: 18.292 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.1	33.9	50.9
141	13.9	11.2	16.8





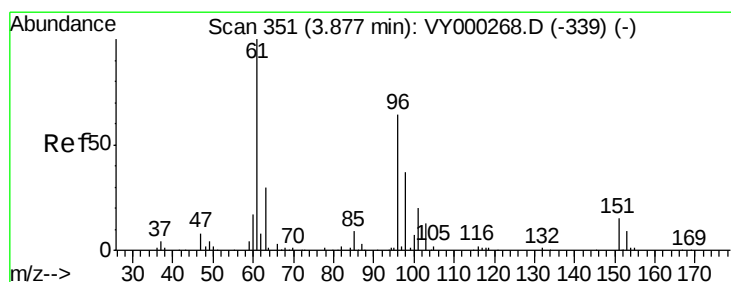
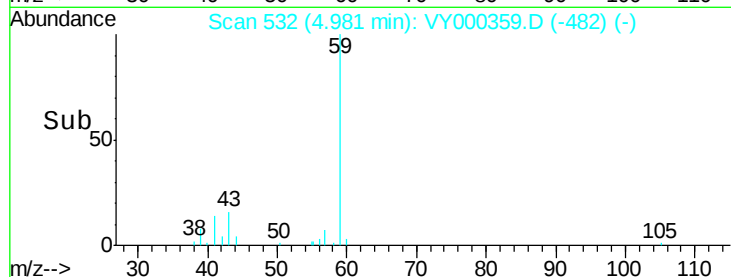
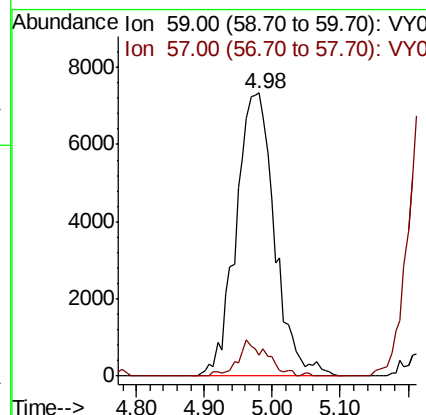
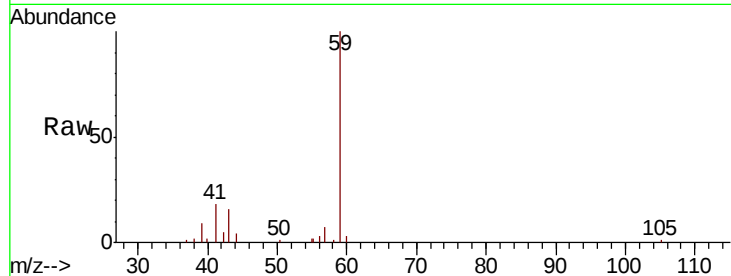
#11
Tert butyl alcohol
Concen: 97.287 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion: 59 Resp: 28880
Ion Ratio Lower Upper
59 100
57 9.5 8.2 12.2

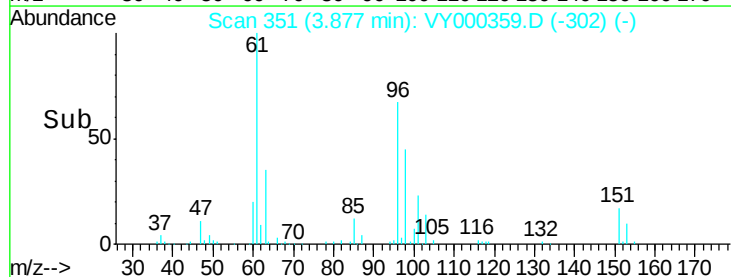
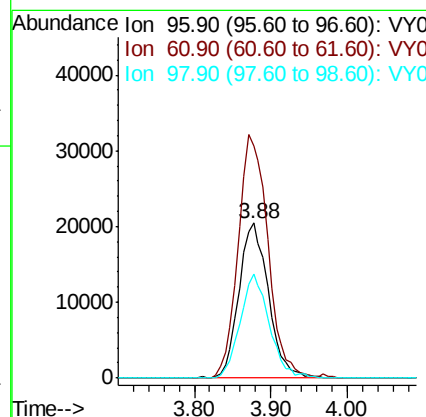
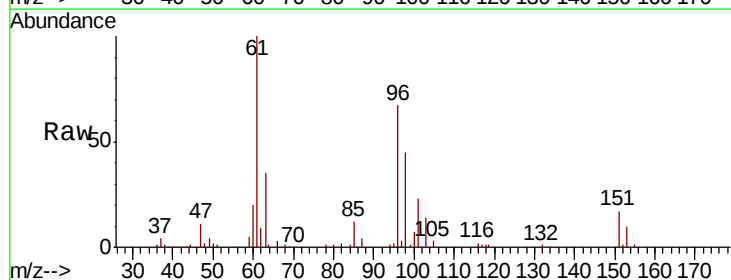
Manual Integrations
APPROVED

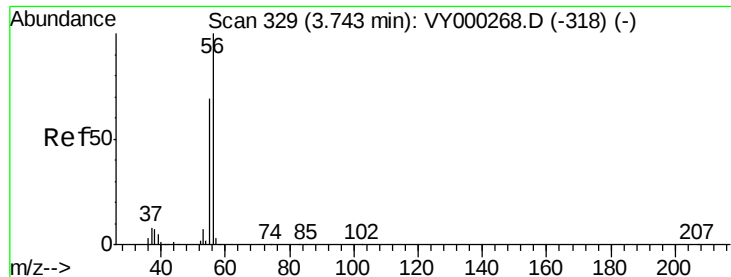
MMDadoda
10/24/2019 4:34:04 PM



#12
1,1-Dichloroethene
Concen: 20.313 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion: 96 Resp: 55168
Ion Ratio Lower Upper
96 100
61 149.5 125.8 188.6
98 67.4 46.2 69.2





#13

Acrolein

Concen: 79.335 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 56 Resp: 27611

Ion Ratio Lower Upper

56 100

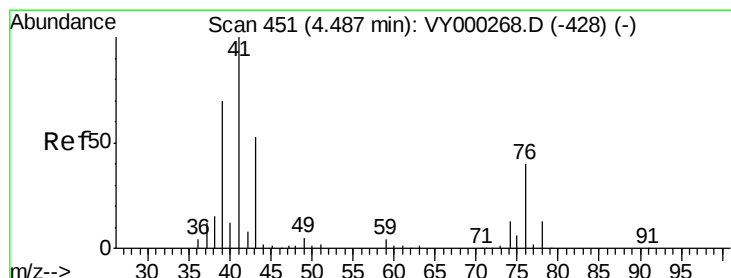
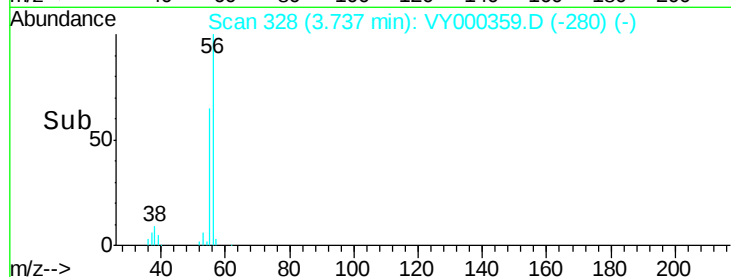
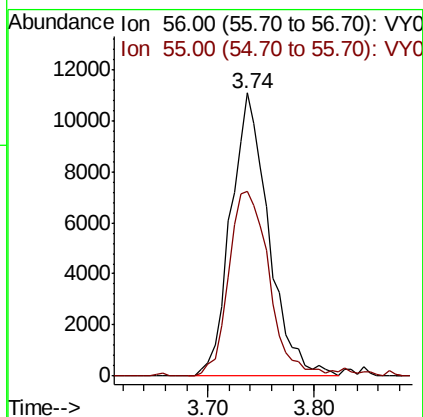
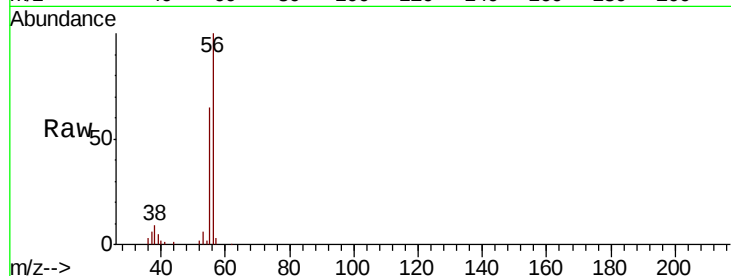
55 69.2 55.7 83.5

Manual Integrations

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10/24/2019 4:34:04 PM



#14

Allyl chloride

Concen: 20.089 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

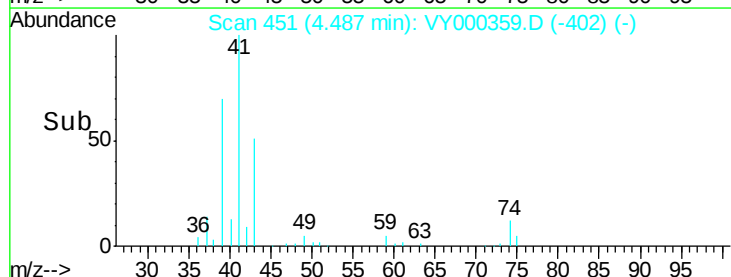
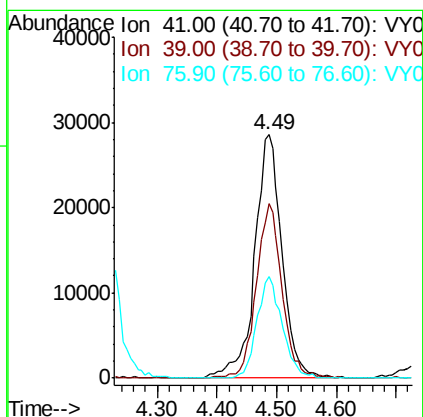
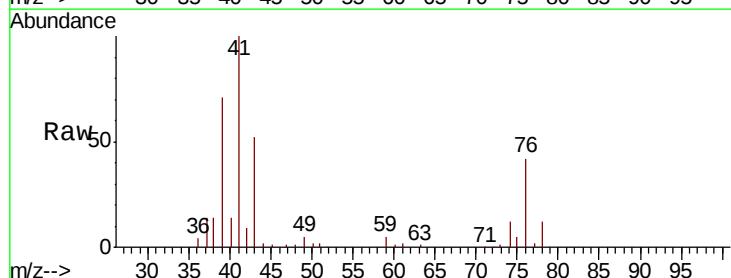
Tgt Ion: 41 Resp: 90419

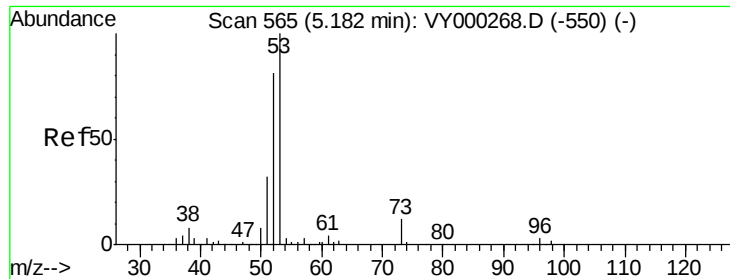
Ion Ratio Lower Upper

41 100

39 67.7 54.0 81.0

76 38.5 30.7 46.1





#15

Acrylonitrile

Concen: 98.208 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

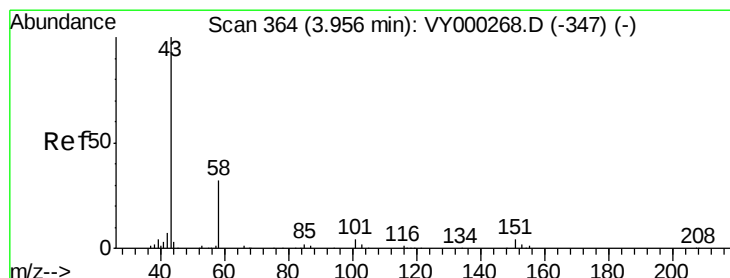
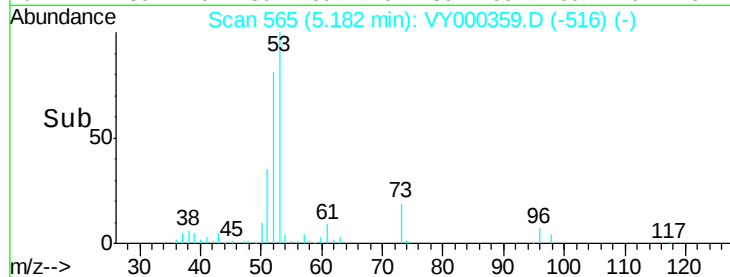
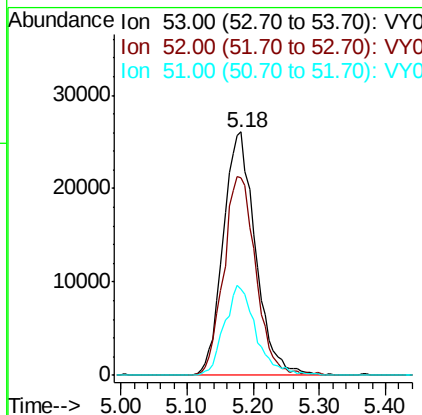
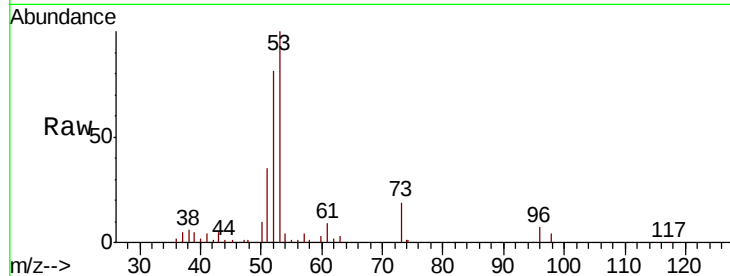
ClientSampleId :

VY1022SBS01

Tot Ion:	53	Resp:	88091
Ion	Ratio	Lower	Upper
53	100		
52	81.5	62.9	94.3
51	35.9	26.9	40.3

Manual Integrations
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#16

Acetone

Concen: 78.222 ug/l

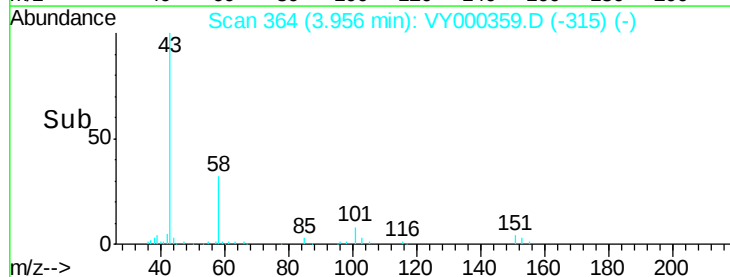
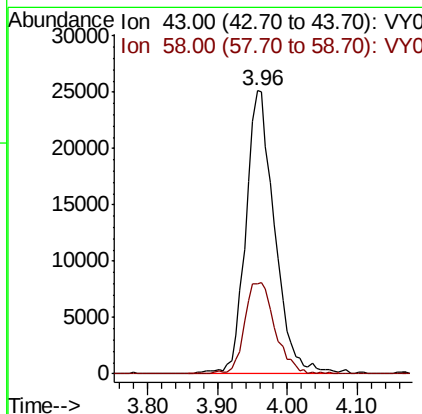
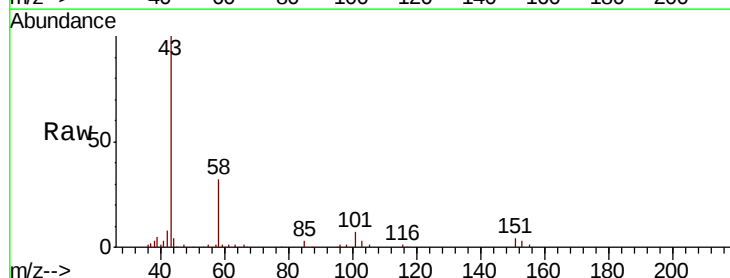
RT: 3.96 min Scan# 364

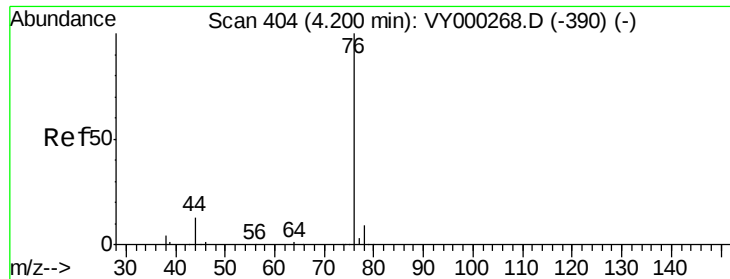
Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Tgt Ion:	43	Resp:	71856
Ion	Ratio	Lower	Upper
43	100		
58	31.7	25.8	38.6





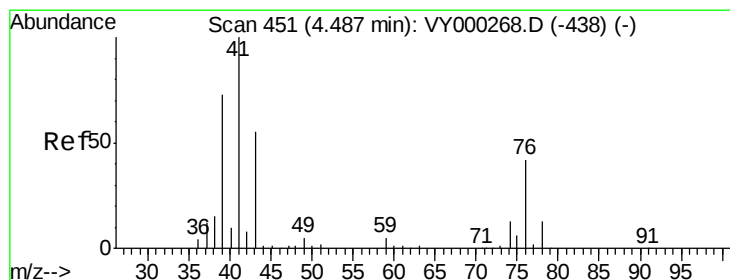
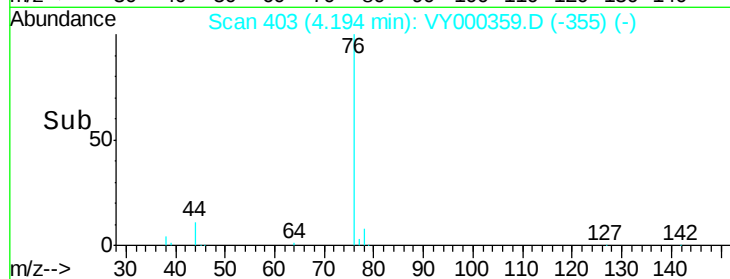
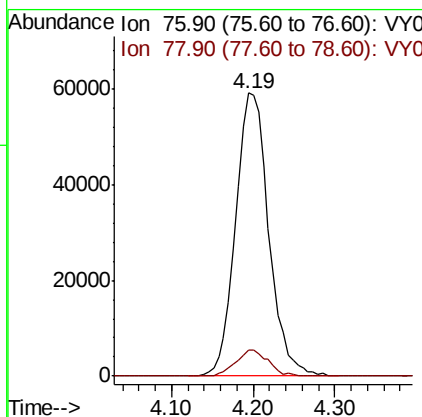
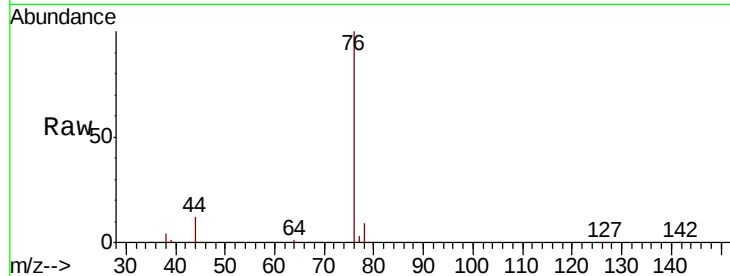
#17
Carbon Disulfide
Concen: 19.466 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.4

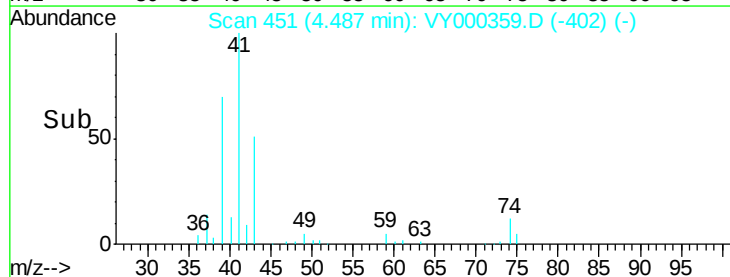
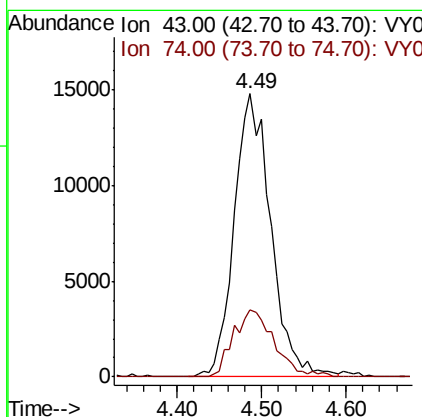
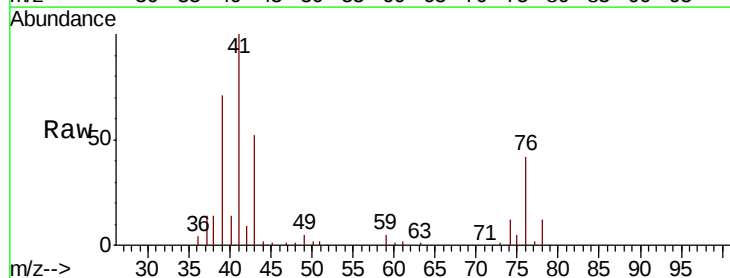
Manual Integrations
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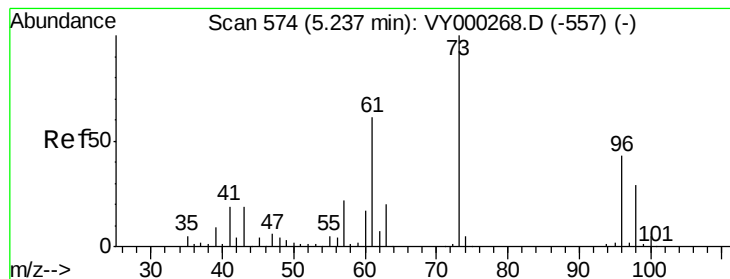
MMDadoda
10/24/2019 4:34:04 PM



#18
Methyl Acetate
Concen: 19.105 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	20.4	30.6





#19

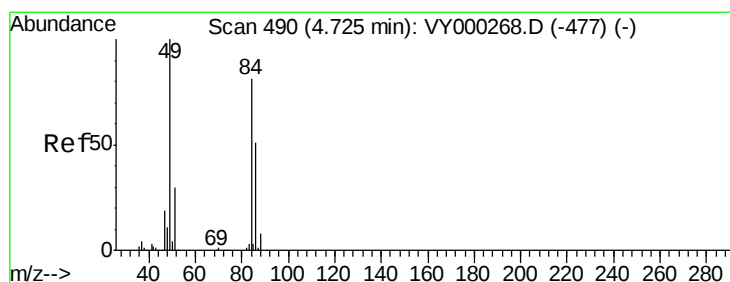
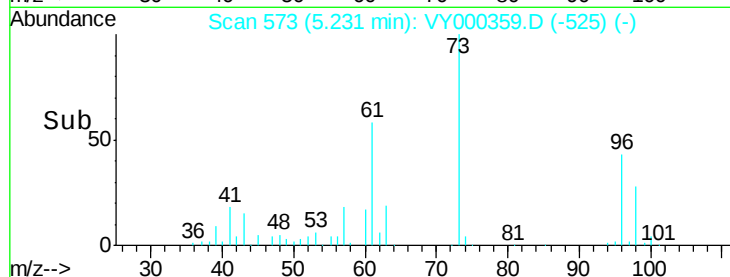
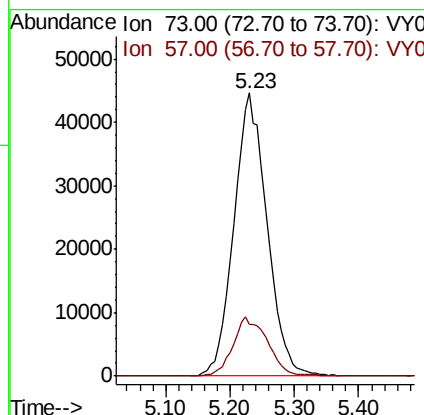
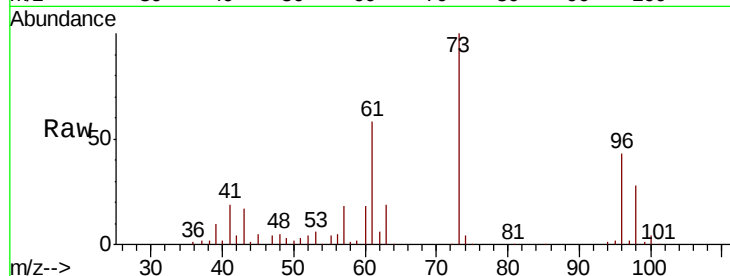
Methyl tert-butyl Ether
 Concen: 21.067 ug/l
 RT: 5.23 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY1022SBS01

Tot Ion	73	Resp	159279
Ion Ratio	100	Lower	Upper
57	18.3	17.4	26.0

Manual Integrations
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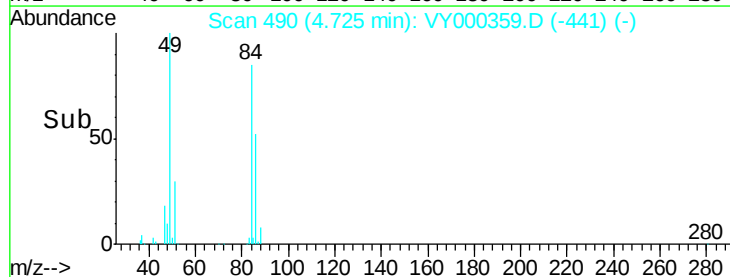
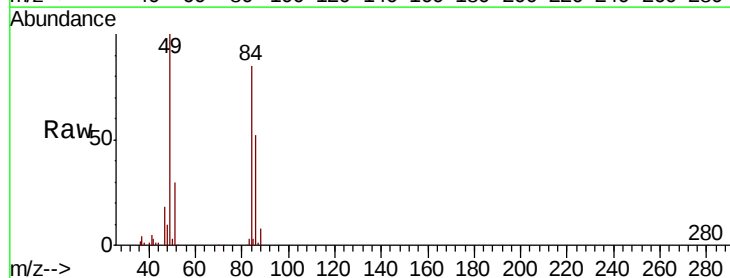
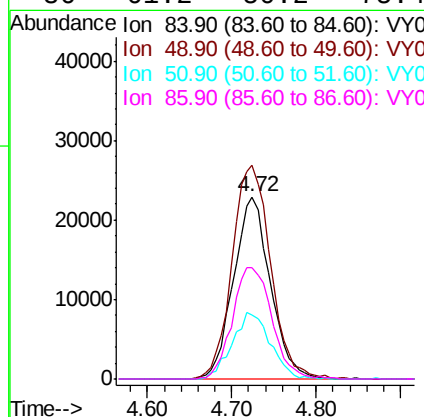
MMDadoda
 10/24/2019 4:34:04 PM

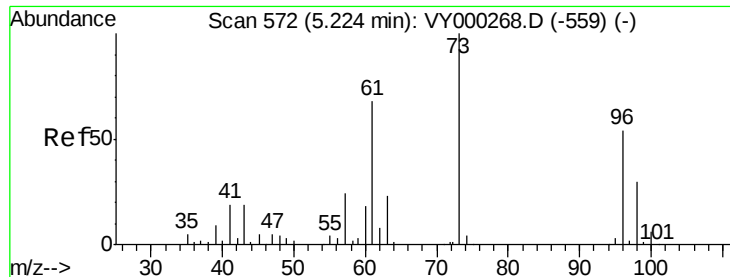


#20

Methylene Chloride
 Concen: 18.483 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	84	Resp	67814
Ion Ratio	100	Lower	Upper
49	117.3	99.0	148.4
51	35.4	29.3	43.9
86	61.2	50.2	75.4





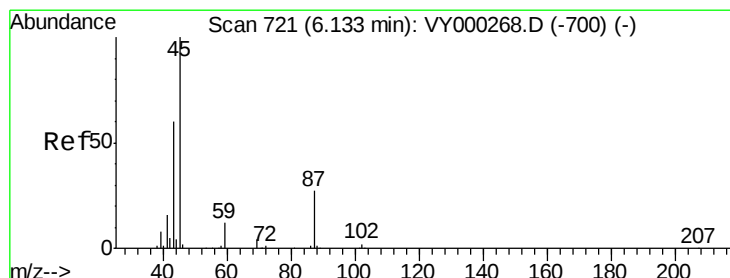
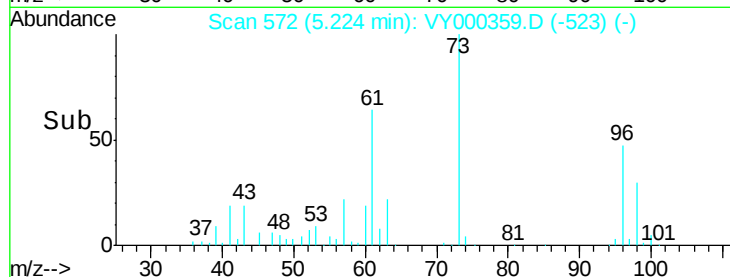
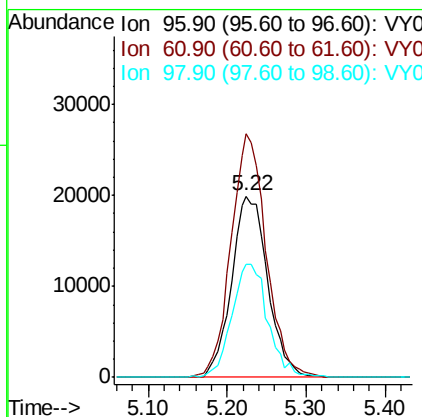
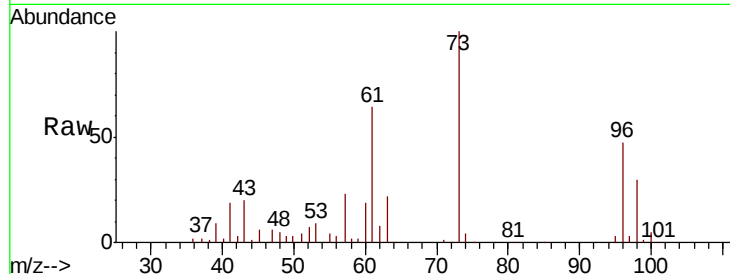
#21
trans-1,2-Dichloroethene
Concen: 20.376 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.0	100.4	150.6
98	62.4	44.6	66.8

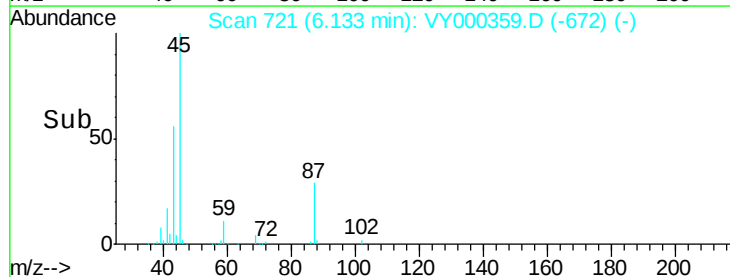
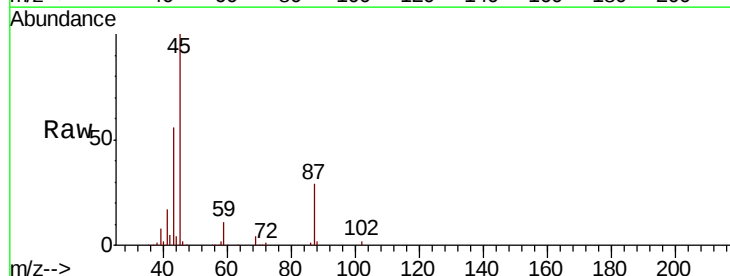
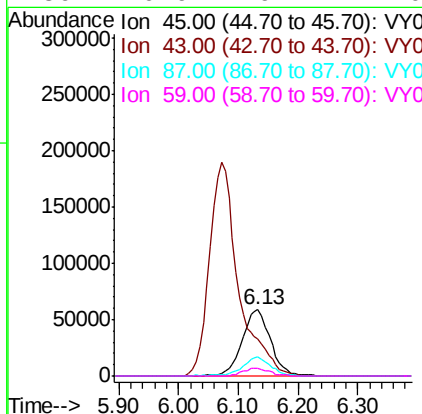
Manual Integrations
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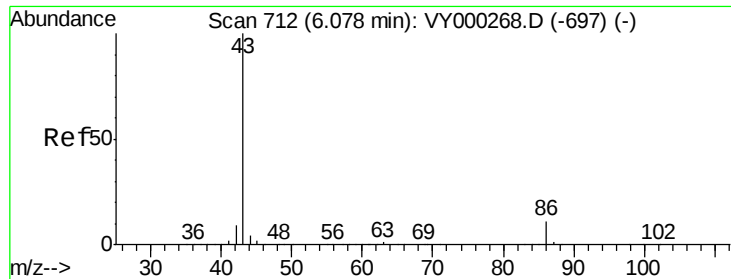
MMDadoda
10/24/2019 4:34:04 PM



#22
Diisopropyl ether
Concen: 20.575 ug/l
RT: 6.13 min Scan# 721
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.1	48.5	72.7
87	28.9	21.5	32.3
59	10.9	9.4	14.0





#23

Vinyl Acetate

Concen: 102.826 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 43 Resp: 638580

Ion Ratio Lower Upper

43 100

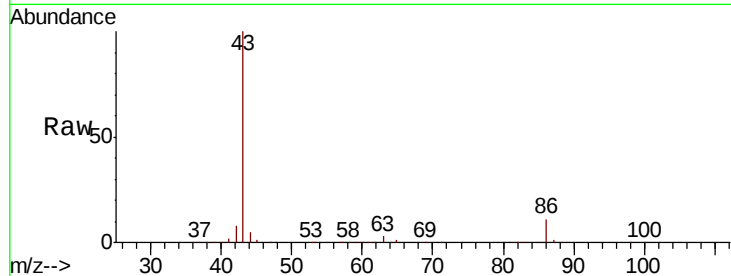
86 10.9 8.6 13.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

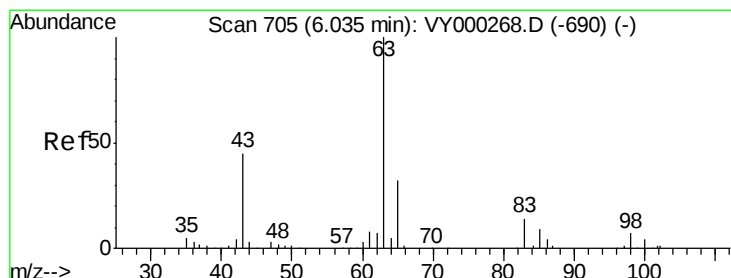
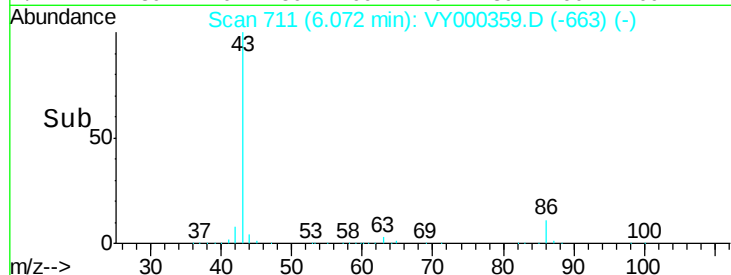
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.281 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

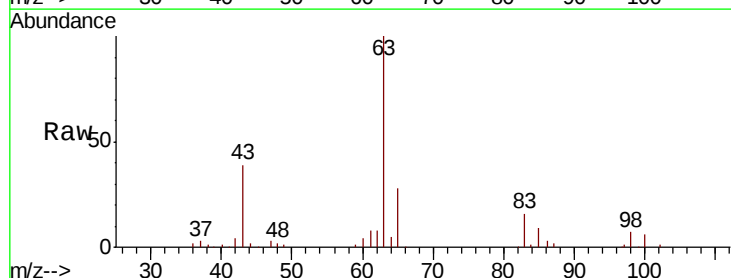
Tgt Ion: 63 Resp: 105379

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 5.6 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.03

40000

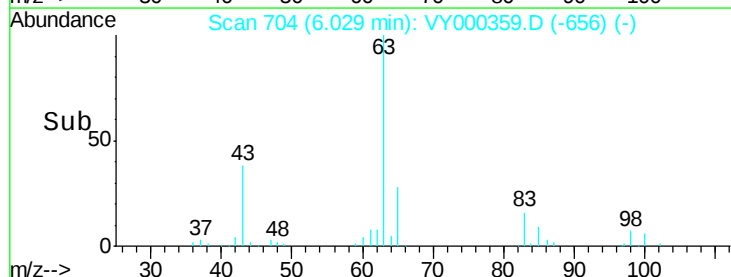
30000

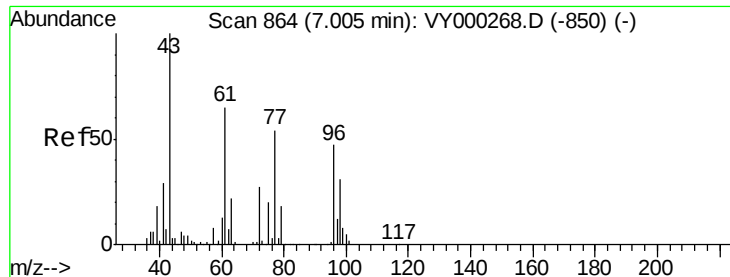
20000

10000

0

Time-->





#25

2-Butanone

Concen: 95.414 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 43 Resp: 123470

Ion Ratio Lower Upper

43 100

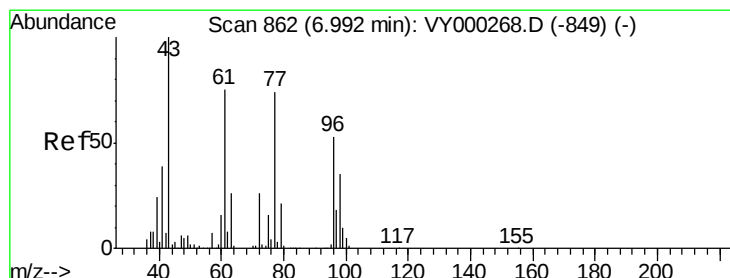
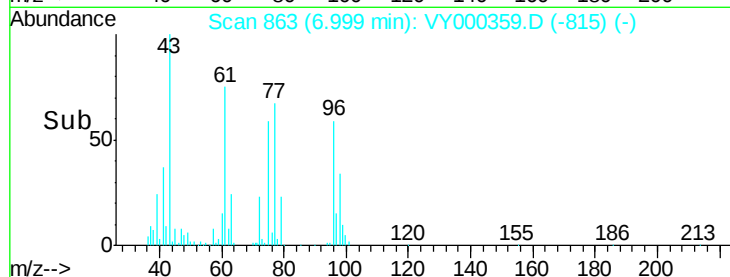
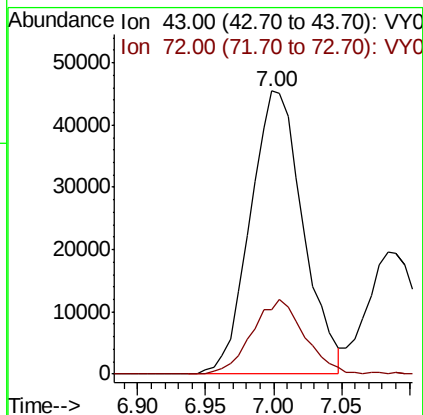
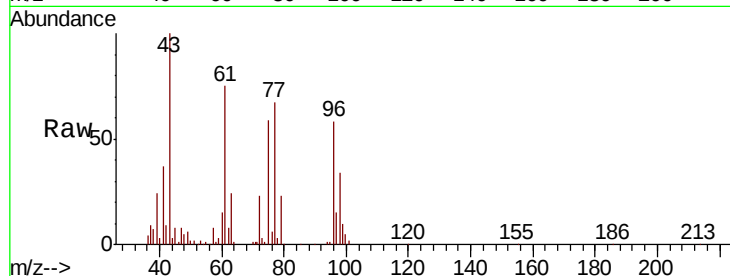
72 22.9 21.4 32.2

Manual Integrations

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MMDadoda

10/24/2019 4:34:04 PM



#26

2,2-Dichloropropane

Concen: 20.371 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000359.D

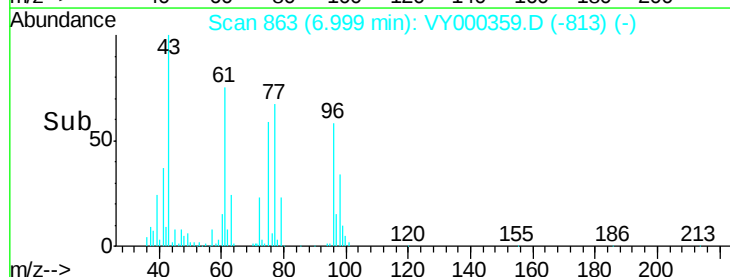
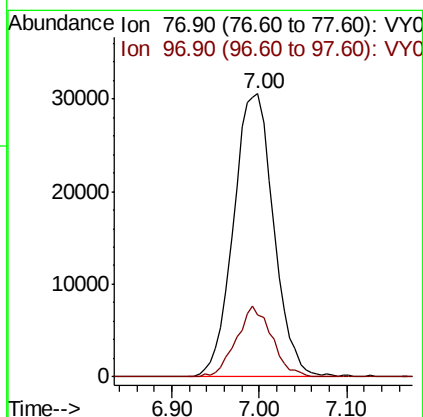
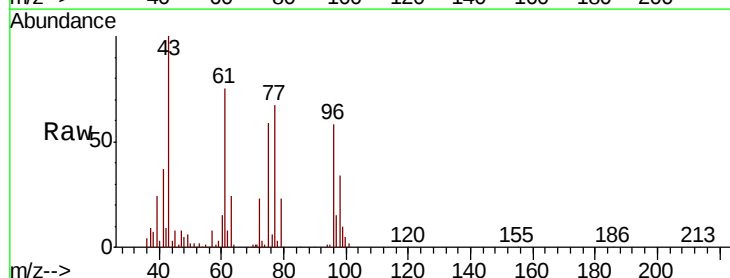
Acq: 22 Oct 2019 12:56

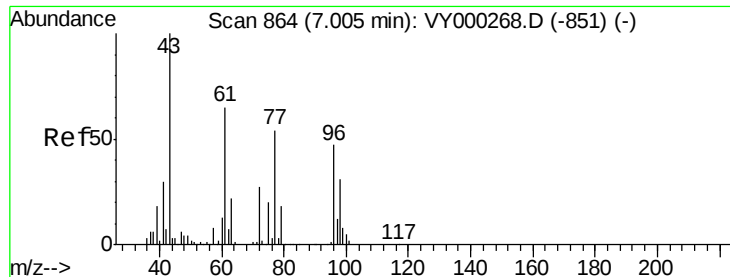
Tgt Ion: 77 Resp: 97537

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.7





#27

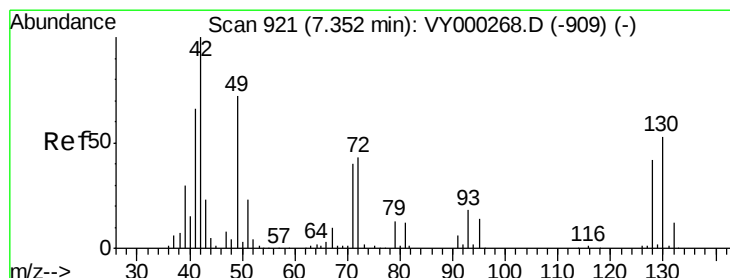
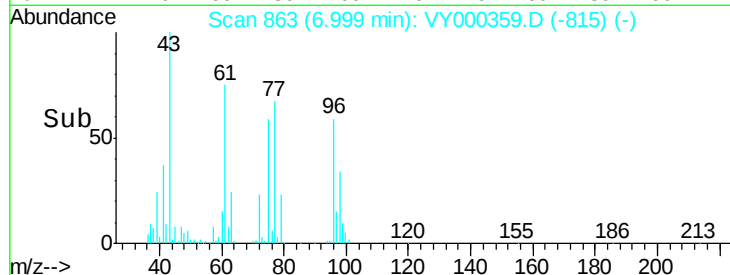
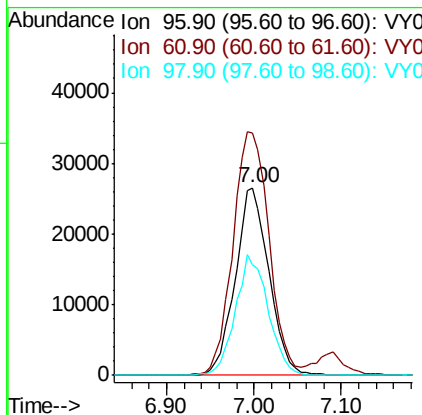
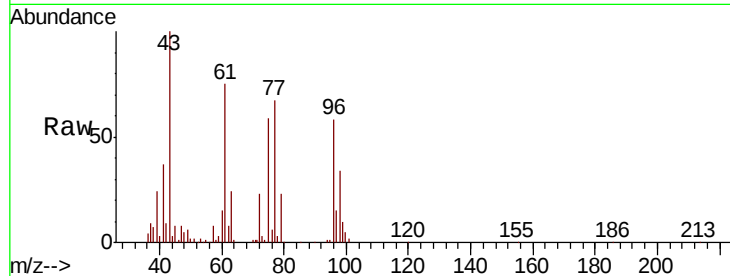
cis-1,2-Dichloroethene
Concen: 21.052 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	289.8
98	62.4	0.0	131.8

Manual Integrations
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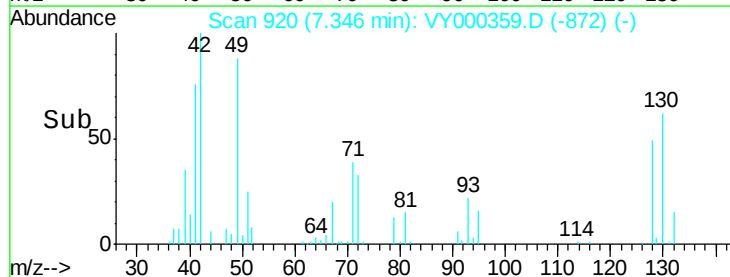
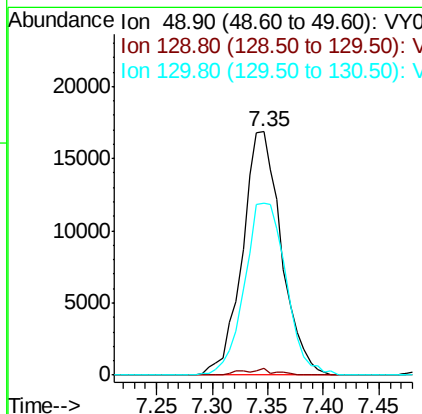
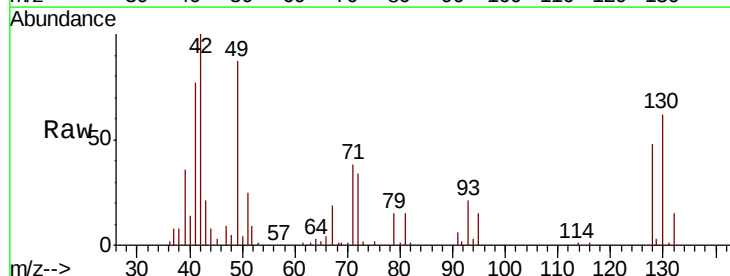
MMDadoda
10/24/2019 4:34:04 PM

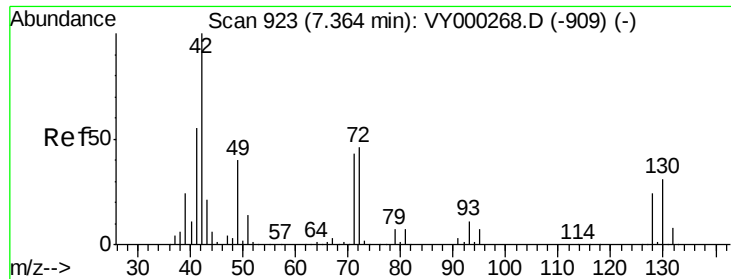


#28

Bromochloromethane
Concen: 18.407 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	75.6	58.2	87.2





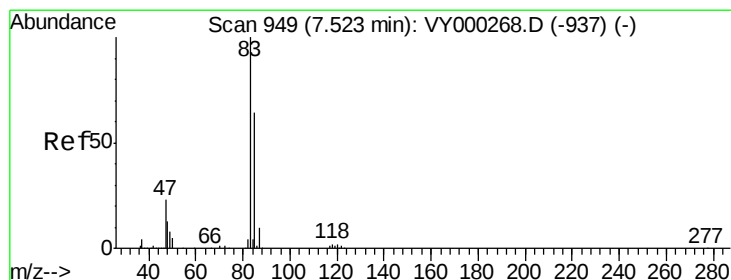
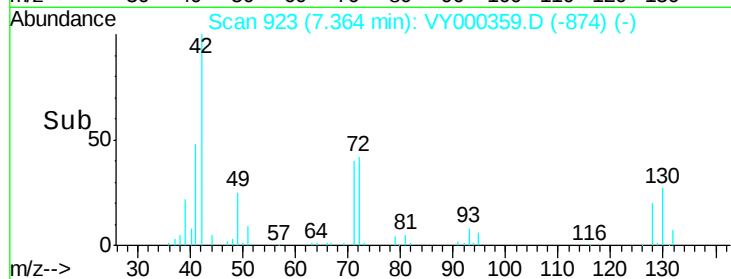
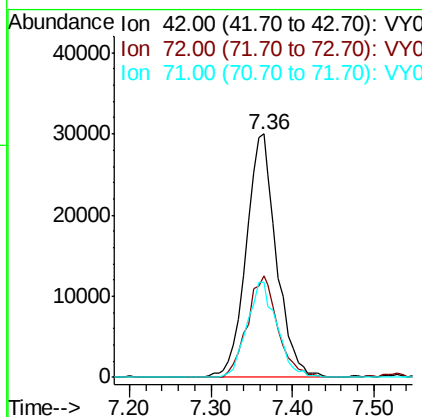
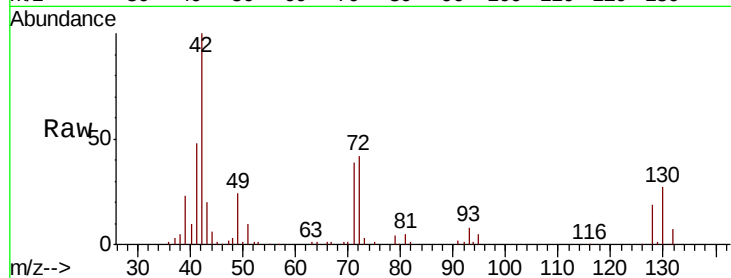
#29
Tetrahydrofuran
Concen: 98.963 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	34.5	51.7
71	38.8	32.7	49.1

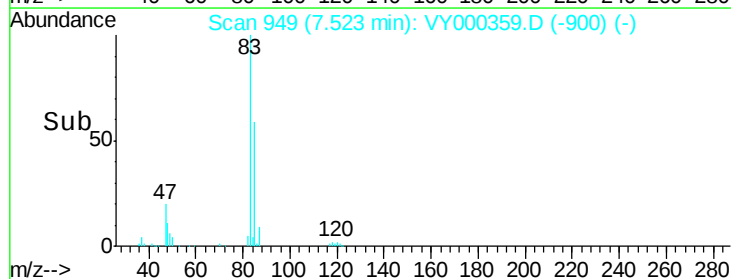
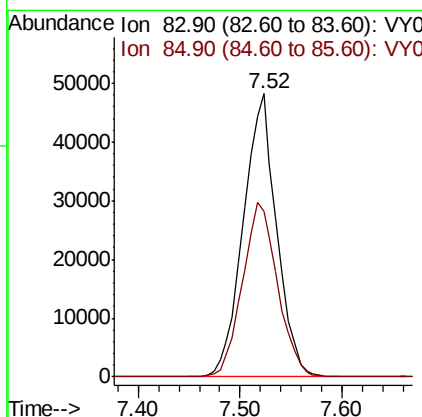
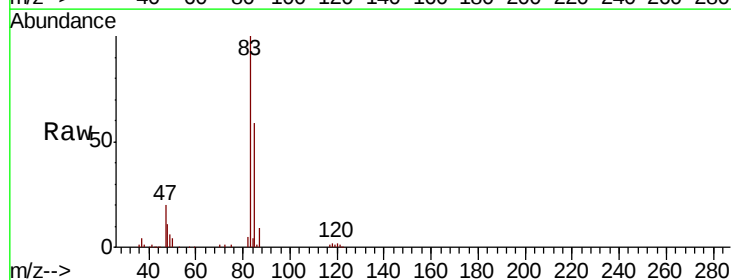
Manual Integrations
APPROVED

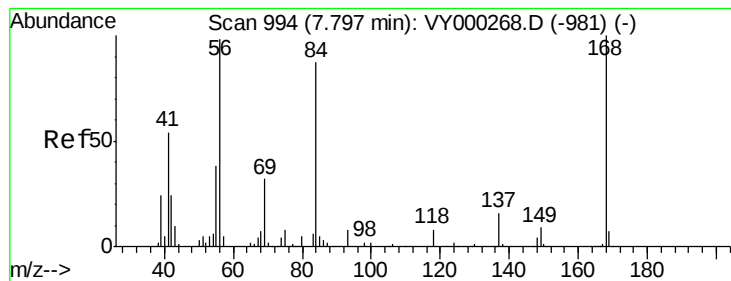
MMDadoda
10/24/2019 4:34:04 PM



#30
Chloroform
Concen: 20.932 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.7	51.4	77.2





#31

Cyclohexane

Concen: 20.071 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

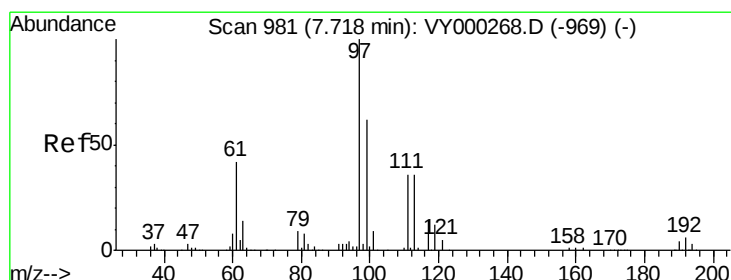
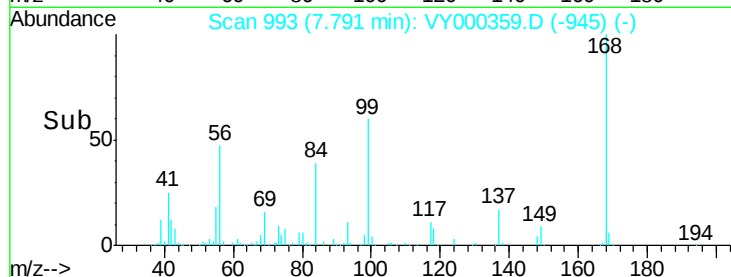
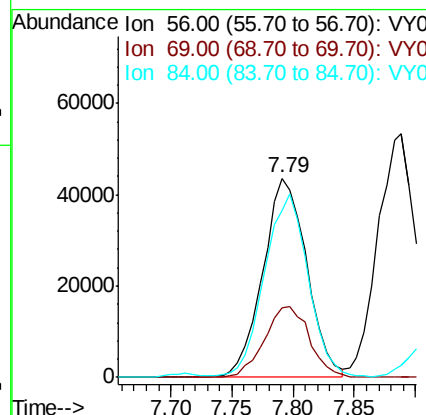
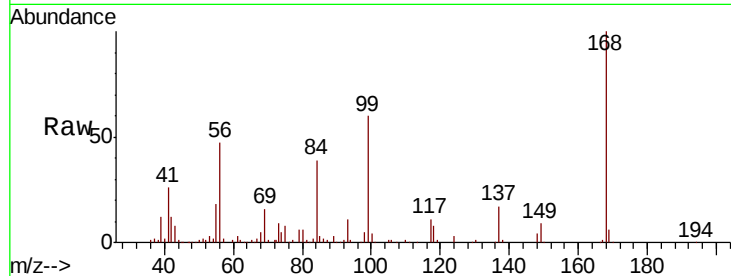
ClientSampleId :

VY1022SBS01

Tot Ion:	56	Resp:	108927
Ion Ratio	Lower	Upper	
56	100		
69	34.8	26.3	39.5
84	82.7	70.8	106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.485 ug/l

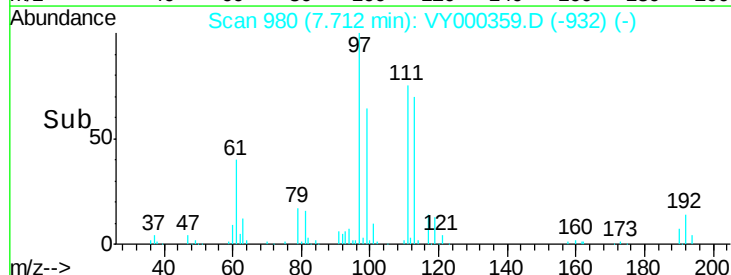
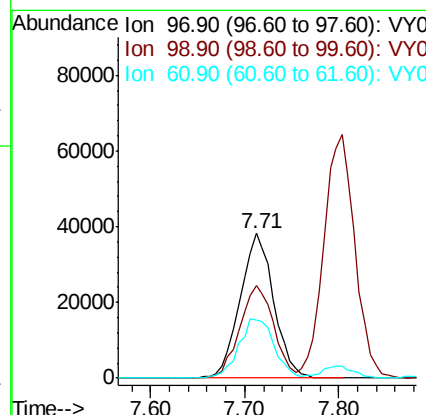
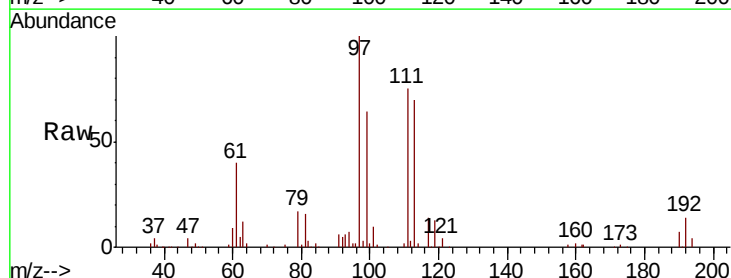
RT: 7.71 min Scan# 980

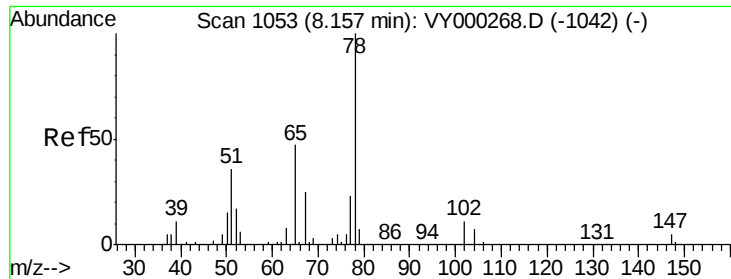
Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Tgt Ion:	97	Resp:	95301
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.7	77.5
61	43.1	34.5	51.7





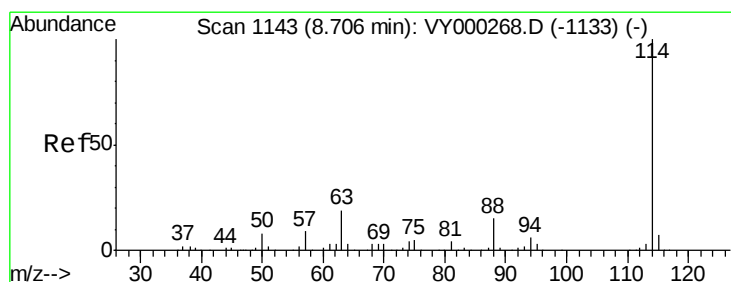
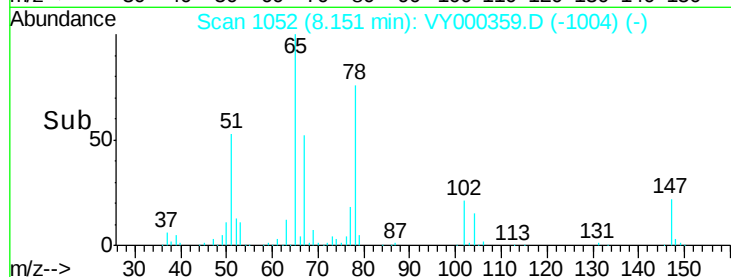
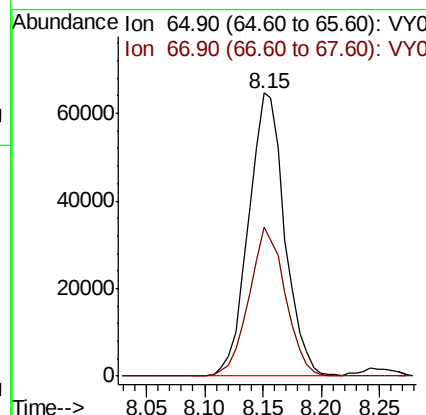
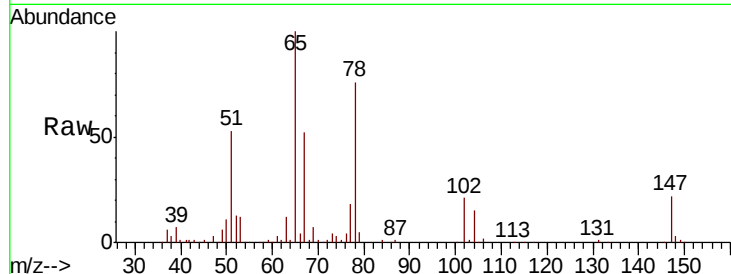
#33
 1,2-Dichloroethane-d4
 Concen: 49.100 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	109.4

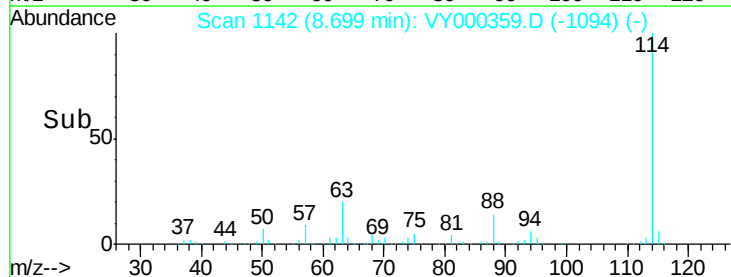
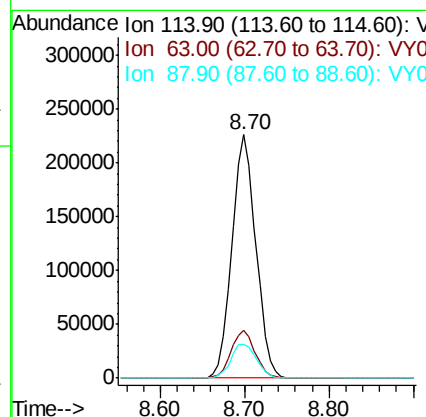
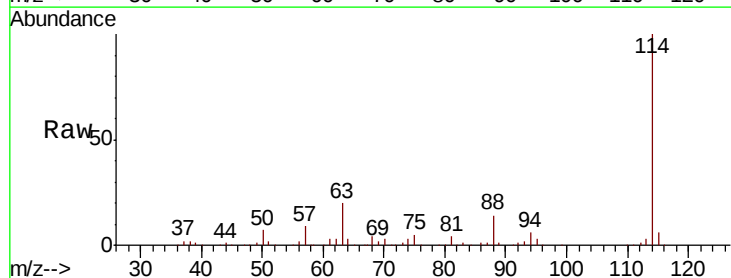
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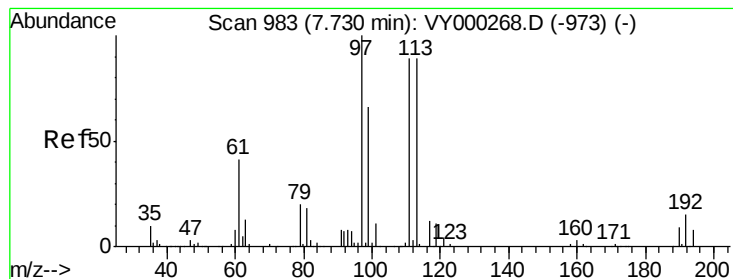
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.2
88	14.1	0.0	30.2





#35

Dibromofluoromethane

Concen: 48.694 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

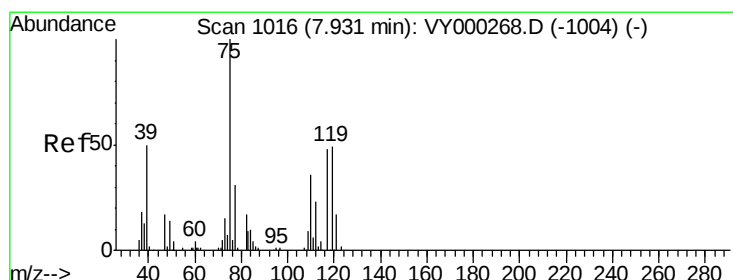
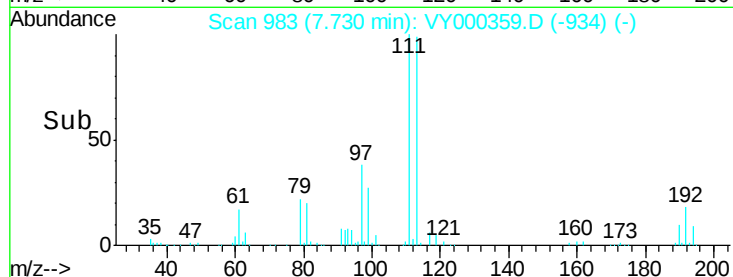
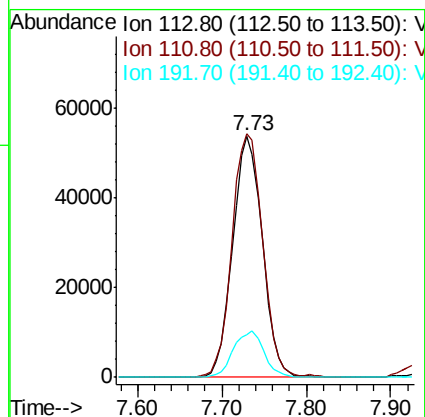
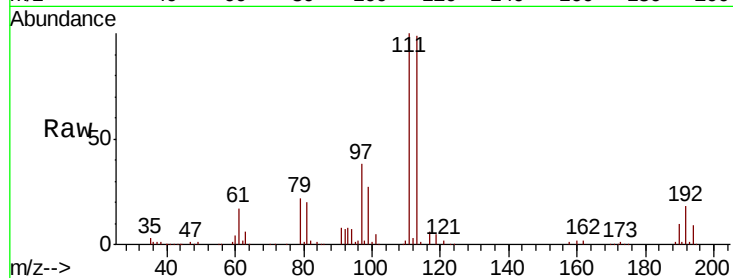
ClientSampleId :

VY1022SBS01

Tot Ion:	113	Resp:	128100
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.6	122.4
192	19.7	15.3	22.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.717 ug/l

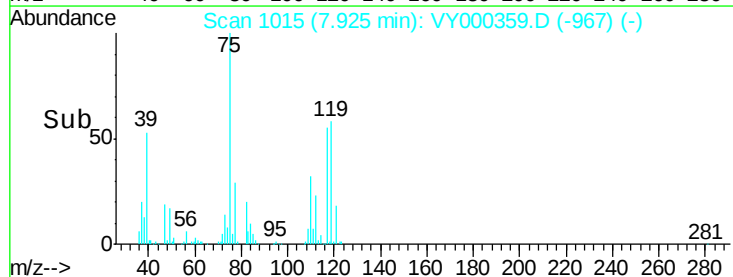
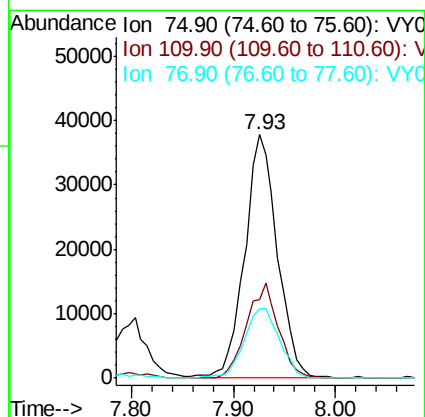
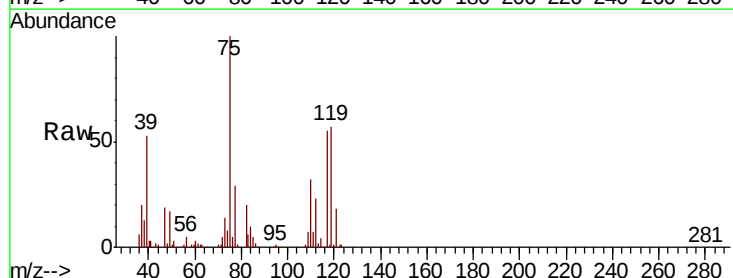
RT: 7.93 min Scan# 1015

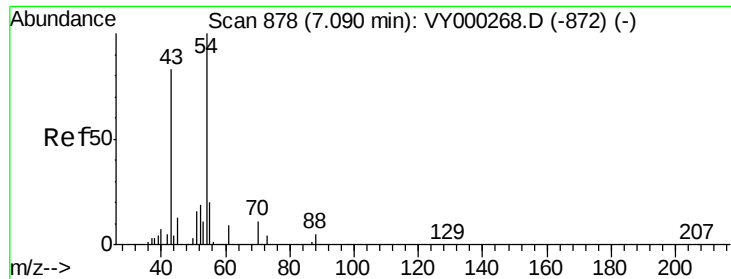
Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Tgt Ion:	75	Resp:	84188
Ion Ratio	Lower	Upper	
75	100		
110	37.7	18.4	55.4
77	31.4	25.0	37.6





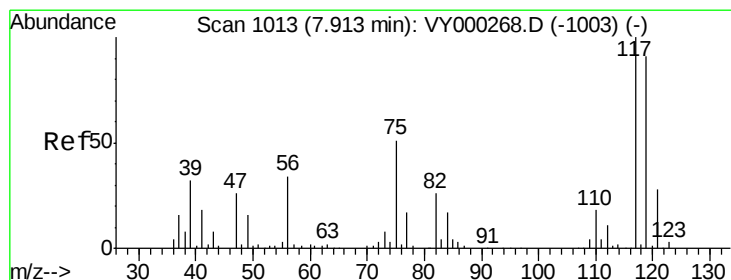
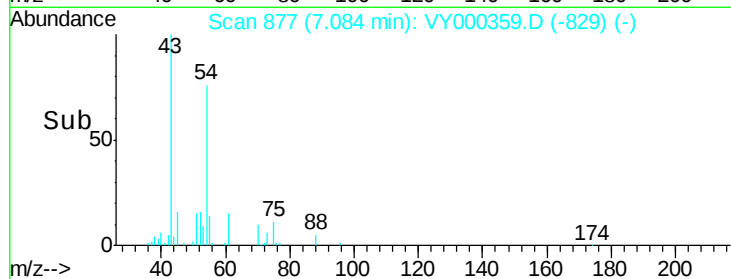
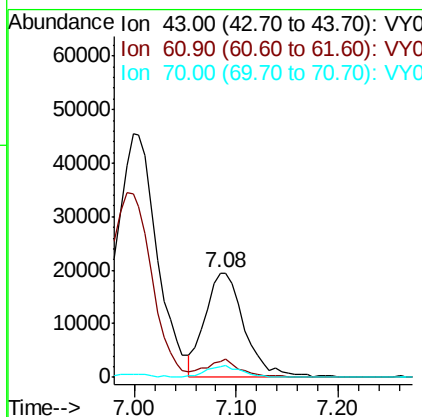
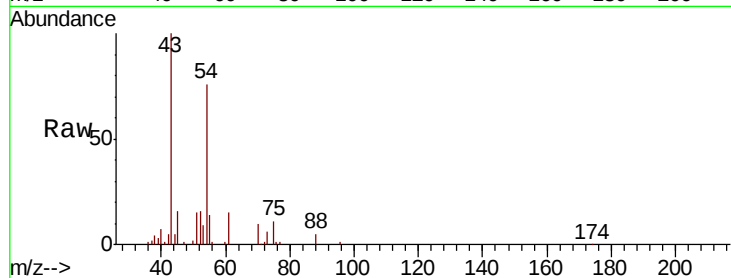
#37
Ethyl Acetate
Concen: 20.775 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.1	18.1
70	10.0	8.7	13.1

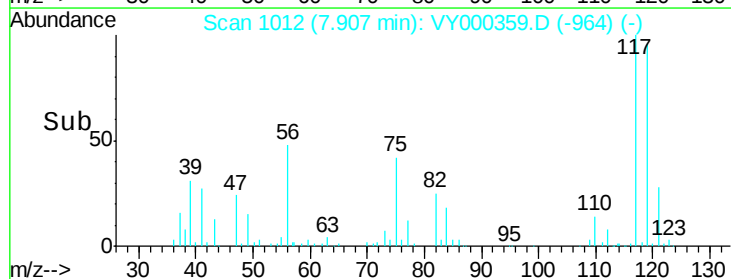
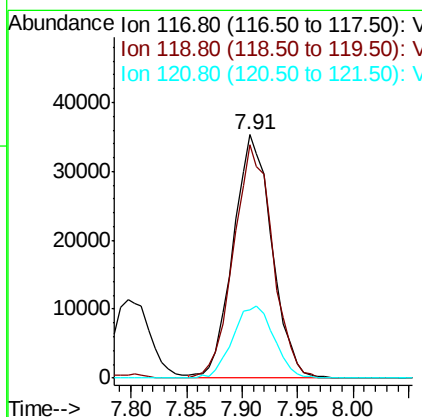
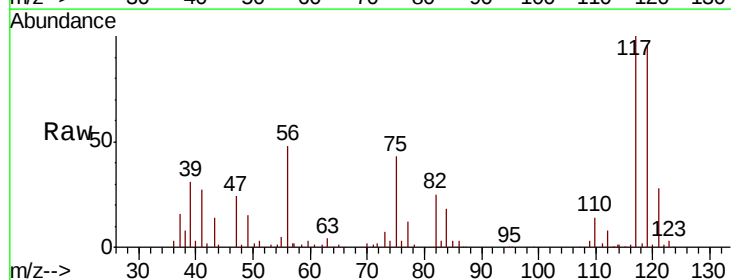
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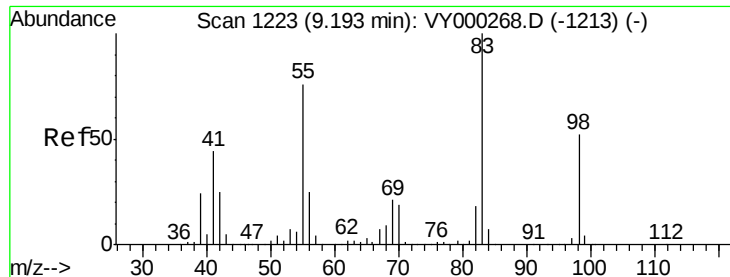
MMDadoda
10/24/2019 4:34:04 PM



#38
Carbon Tetrachloride
Concen: 20.565 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	72.8	109.2
121	28.2	22.2	33.2





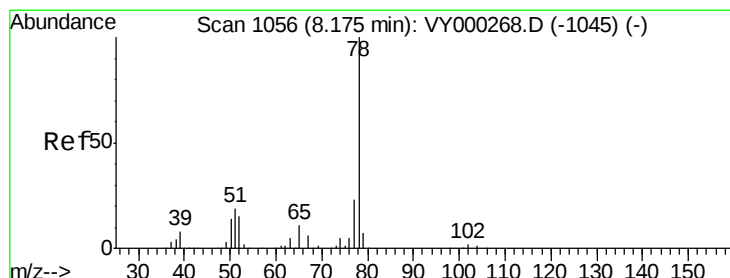
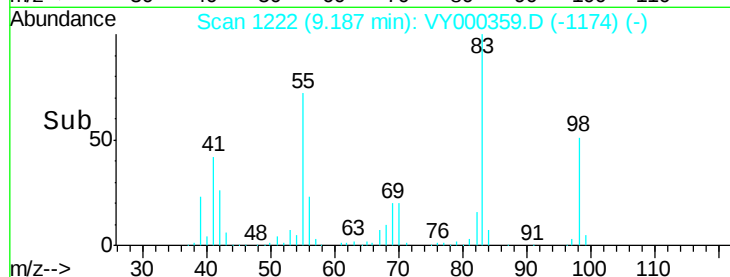
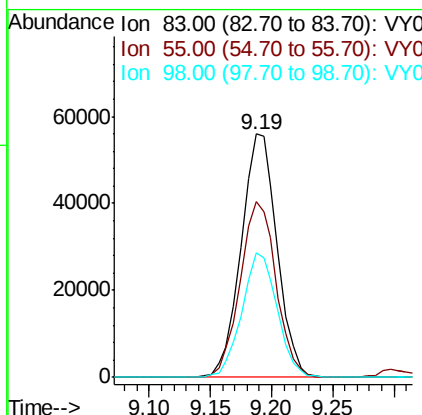
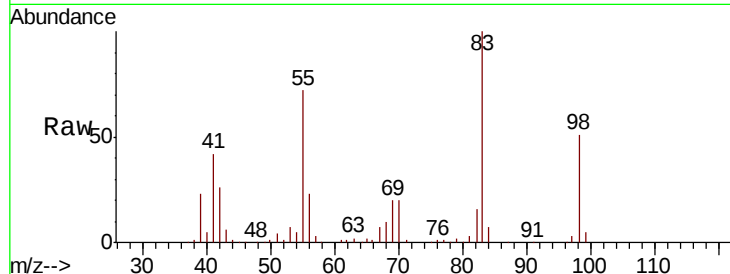
#39
Methvlcvclohexane
Concen: 20.404 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.3	60.9	91.3
98	51.0	41.8	62.6

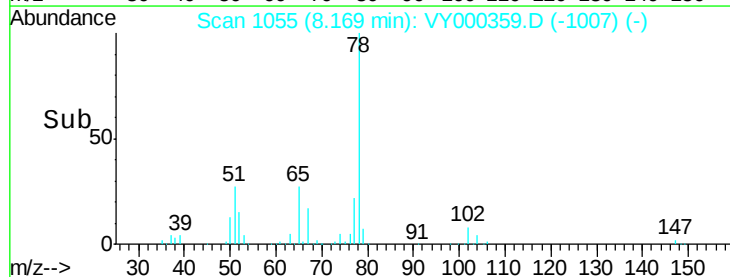
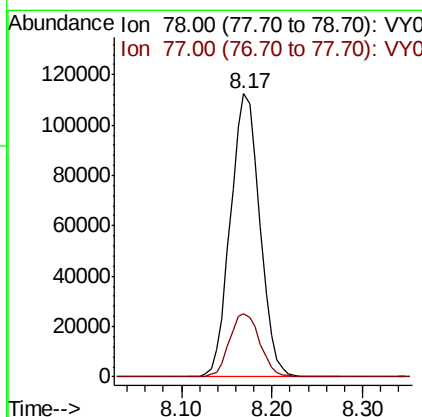
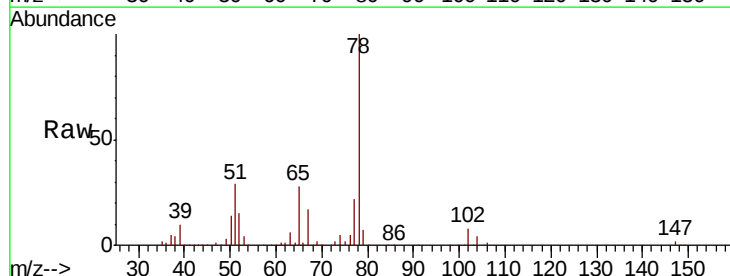
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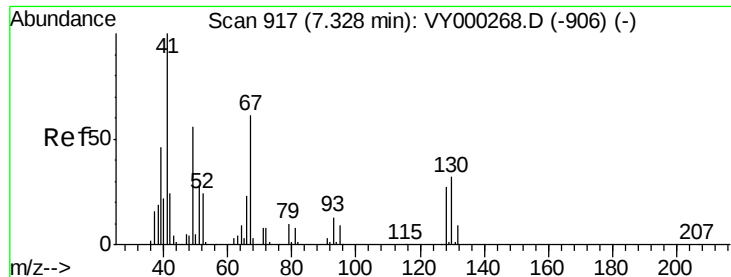
MMDadoda
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#40
Benzene
Concen: 20.472 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.2	18.8	28.2





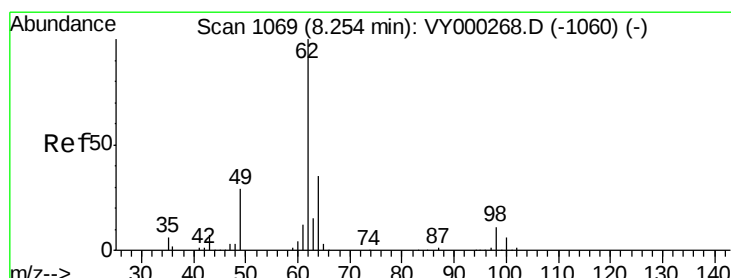
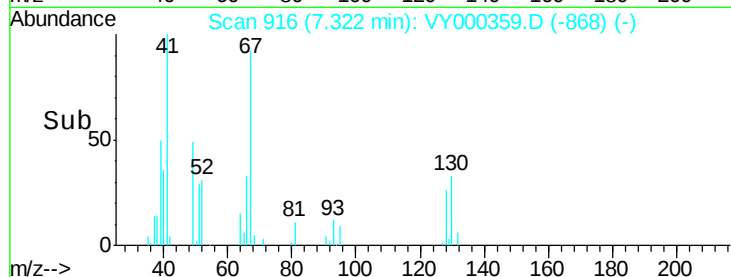
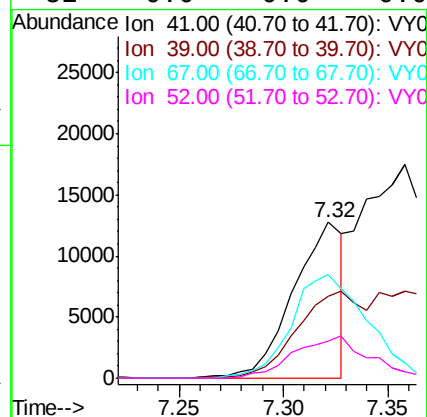
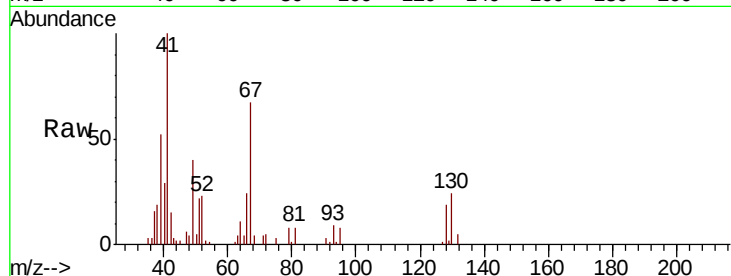
#41
Methacrylonitrile
Concen: 17.883 ug/l m
RT: 7.32 min Scan# 916
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		21522		
39	0.0	110.2	165.2#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

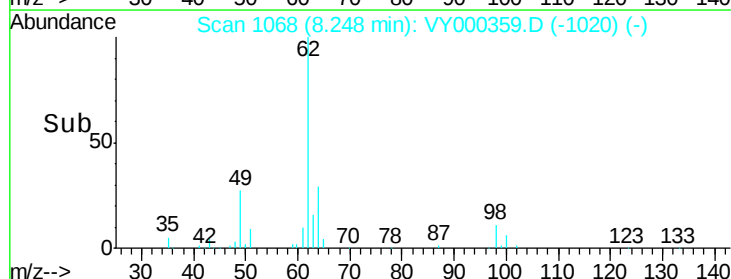
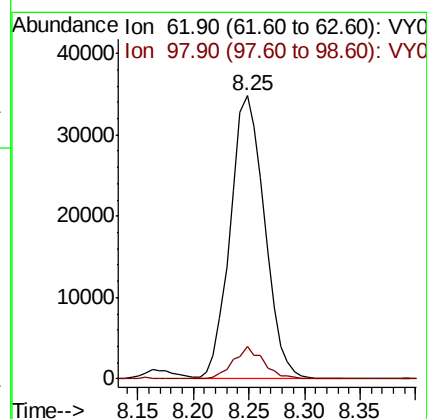
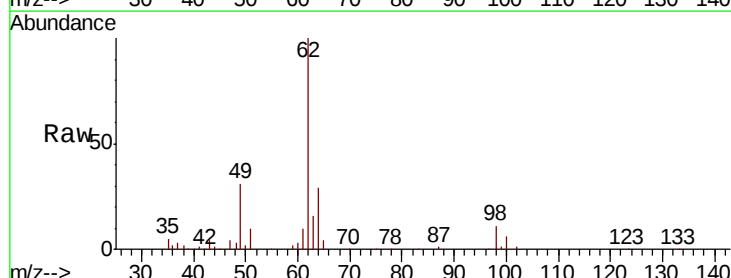
Manual Integrations
APPROVED

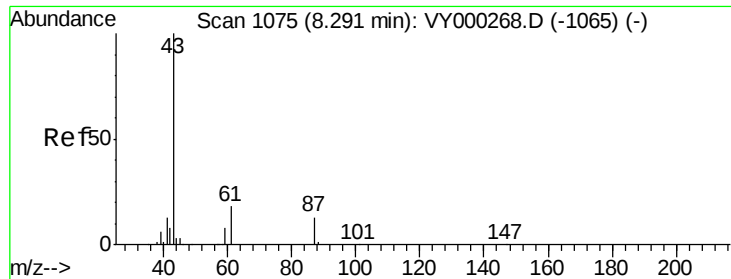
MMDadoda
10/24/2019 4:34:04 PM



#42
1,2-Dichloroethane
Concen: 21.143 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		74523		
98	9.9	0.0	20.6		





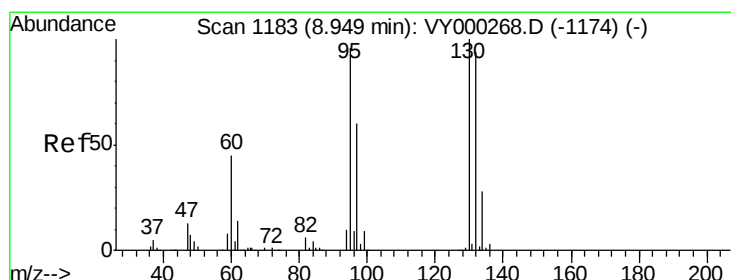
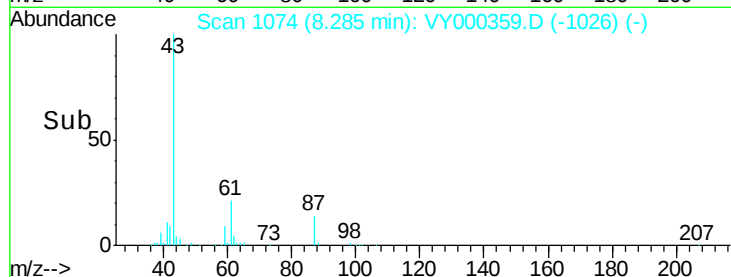
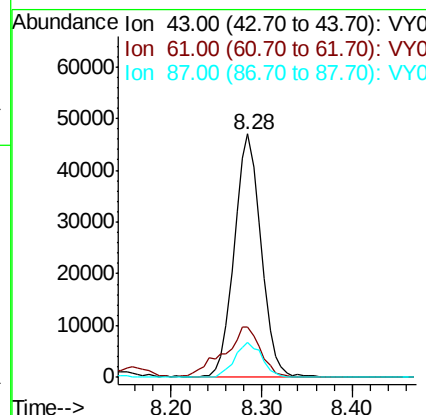
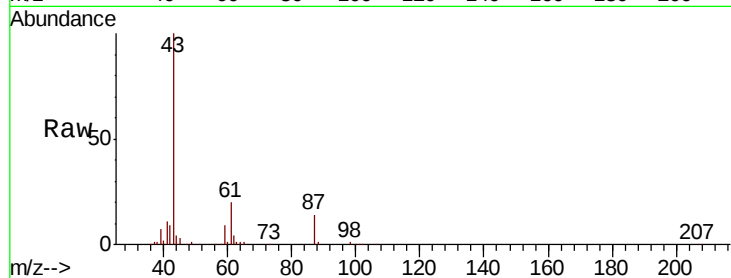
#43
Isopropyl Acetate
Concen: 20.259 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.2	22.3	33.5
87	14.6	10.9	16.3

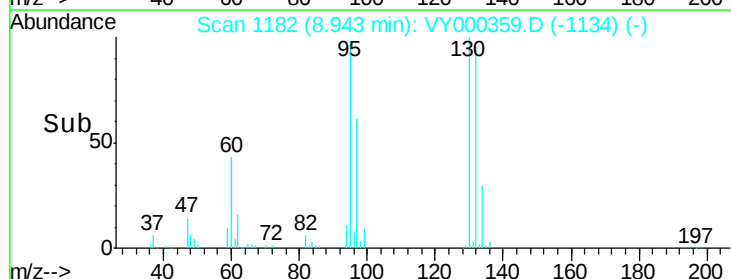
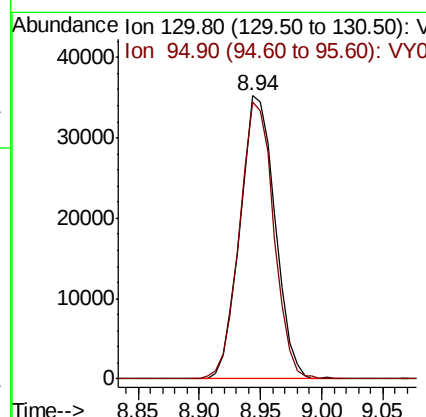
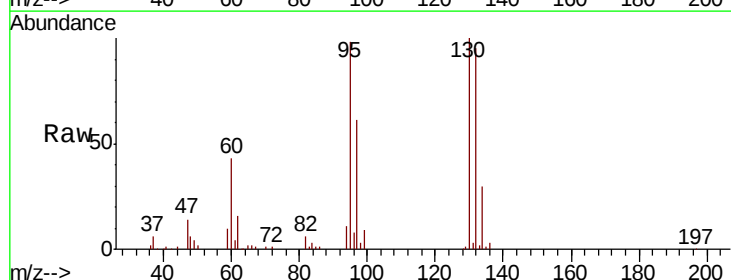
Manual Integrations
APPROVED

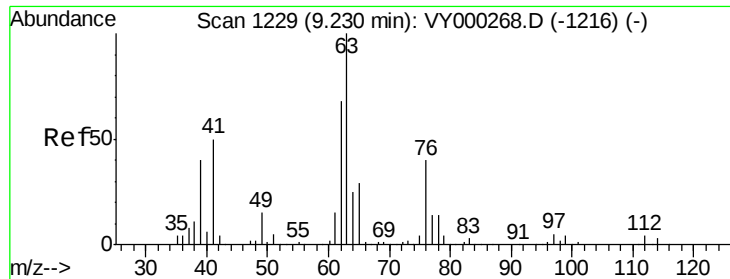
MMDadoda
10/24/2019 4:34:04 PM



#44
Trichloroethene
Concen: 20.198 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	191.4





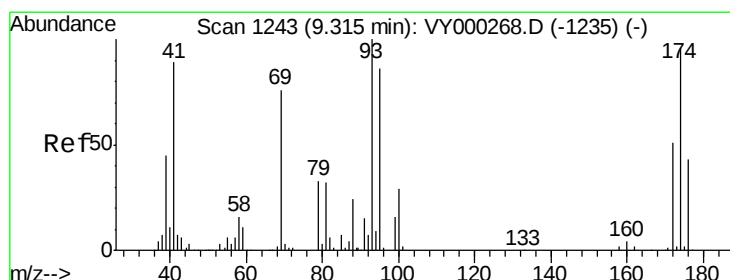
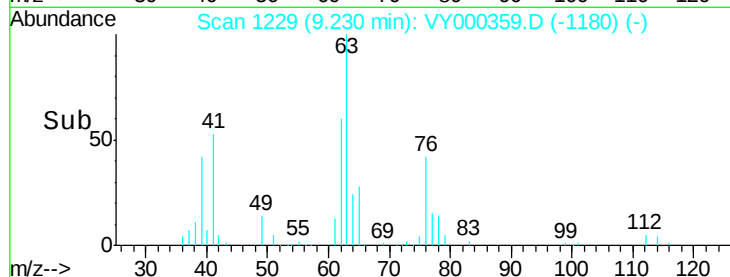
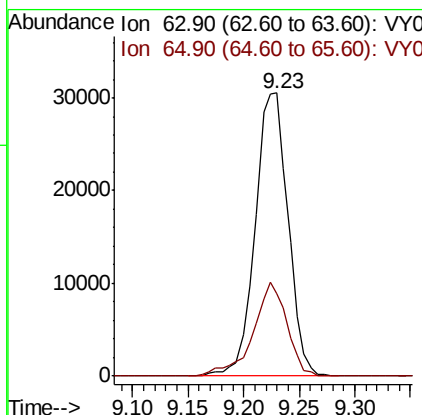
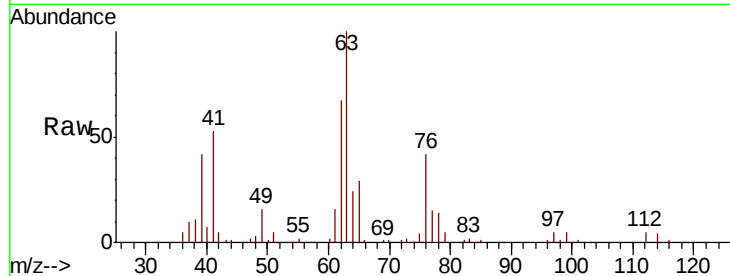
#45
 1,2-Dichloropropane
 Concen: 20.778 ug/l
 RT: 9.23 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion: 63 Resp: 62918
 Ion Ratio Lower Upper
 63 100
 65 29.0 23.2 34.8

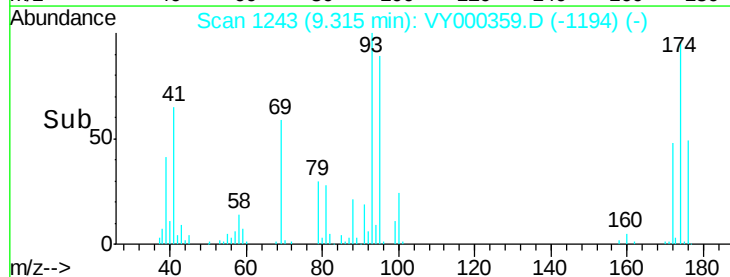
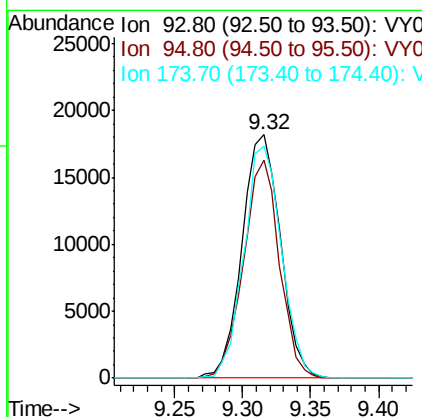
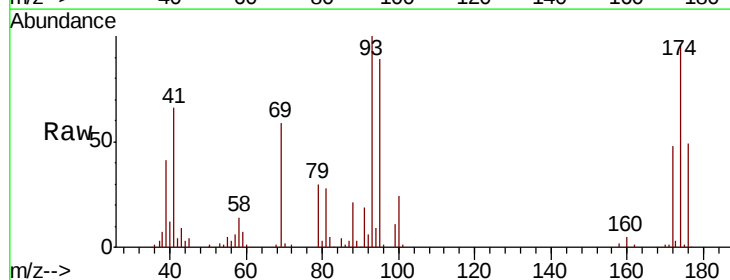
Manual Integrations
 APPROVED

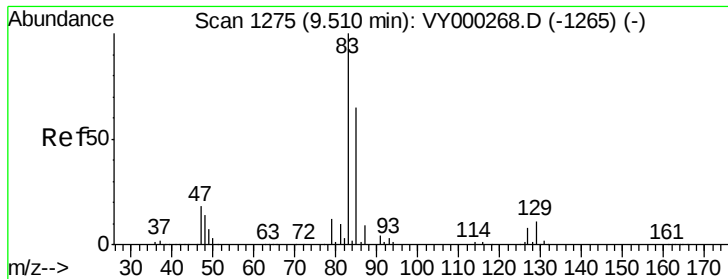
MMDadoda
 10/24/2019 4:34:04 PM



#46
 Dibromomethane
 Concen: 21.265 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion: 93 Resp: 35997
 Ion Ratio Lower Upper
 93 100
 95 83.7 68.2 102.2
 174 93.8 79.8 119.6





#47

Bromodichloromethane

Concen: 21.231 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

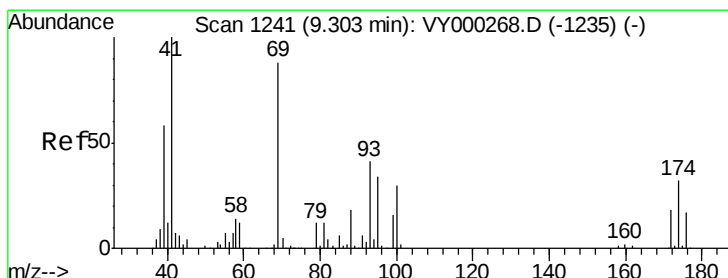
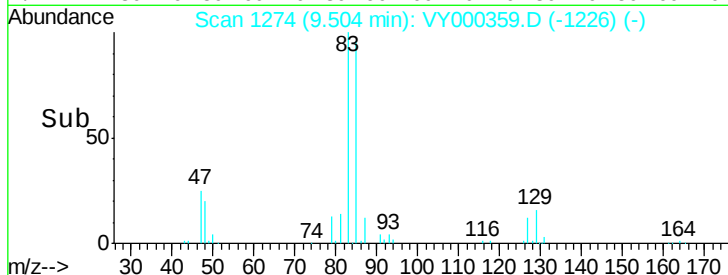
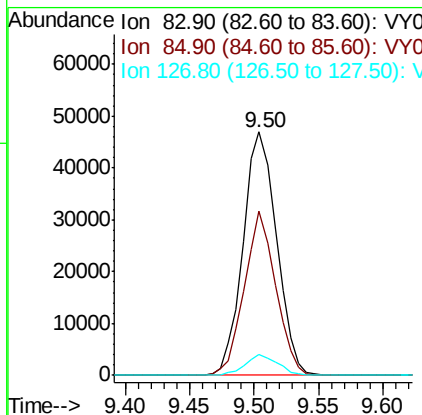
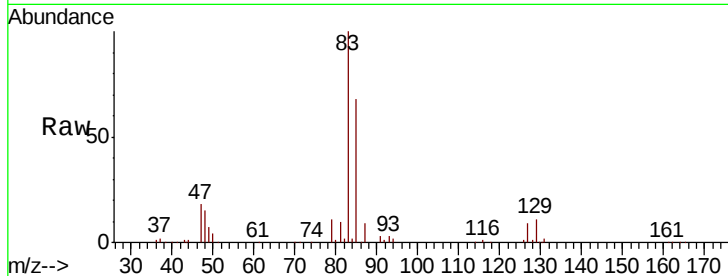
ClientSampleId :

VY1022SBS01

Tot Ion:	83	Resp:	84700
Ion Ratio	Lower	Upper	
83	100		
85	67.7	52.2	78.2
127	8.7	6.3	9.5

Manual Integrations
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10/24/2019 4:34:04 PM



#48

Methyl methacrylate

Concen: 20.218 ug/l

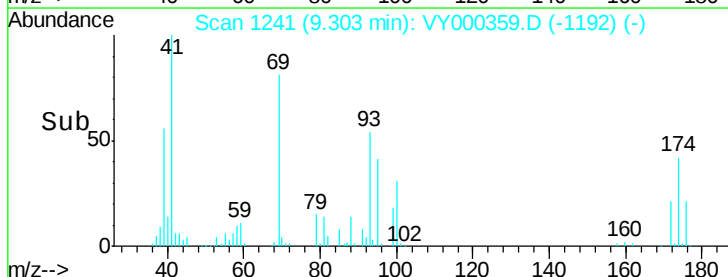
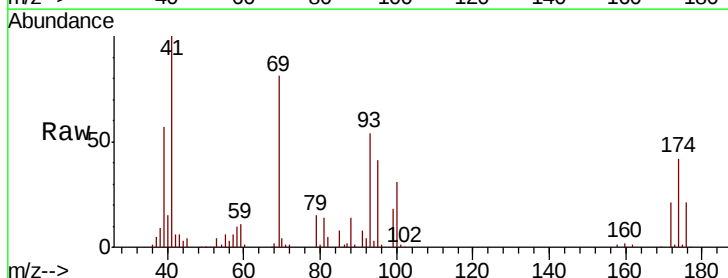
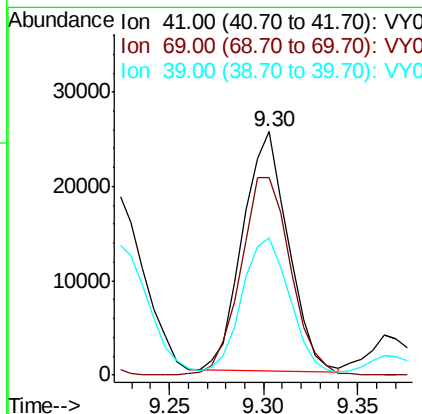
RT: 9.30 min Scan# 1241

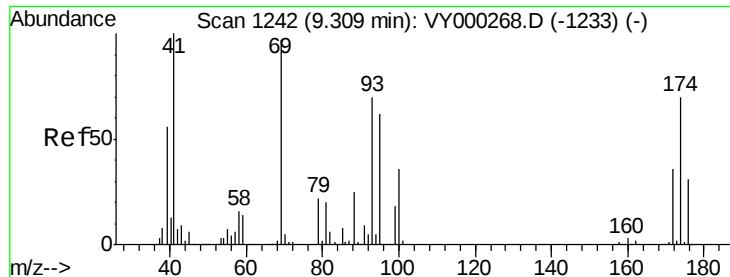
Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Tgt Ion:	41	Resp:	42595
Ion Ratio	Lower	Upper	
41	100		
69	90.7	70.0	105.0
39	61.6	47.7	71.5





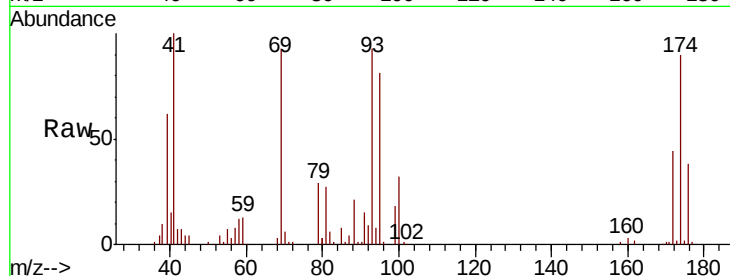
#49
1,4-Dioxane
Concen: 356.720 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.6	38.4
58	72.1	54.6	81.8

Manual Integrations
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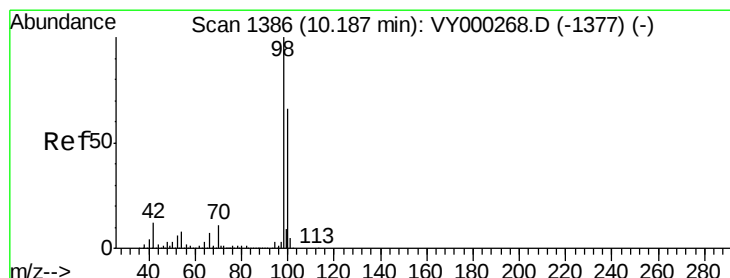
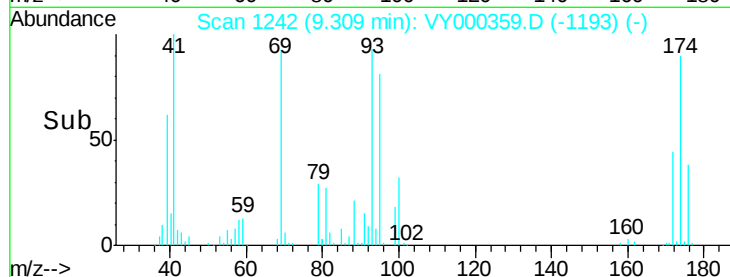
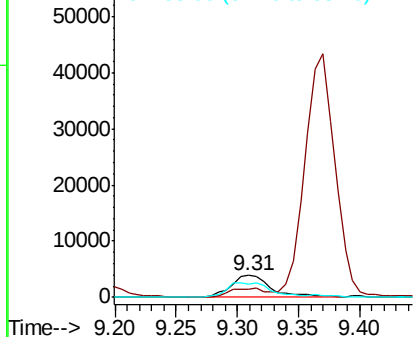


Abundance

Ion 88.00 (87.70 to 88.70): VY000359.D (-1193) (-)

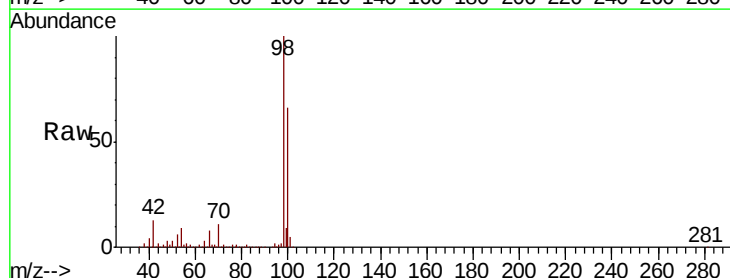
Ion 43.00 (42.70 to 43.70): VY000359.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY000359.D (-1193) (-)



#50
Toluene-d8
Concen: 50.331 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

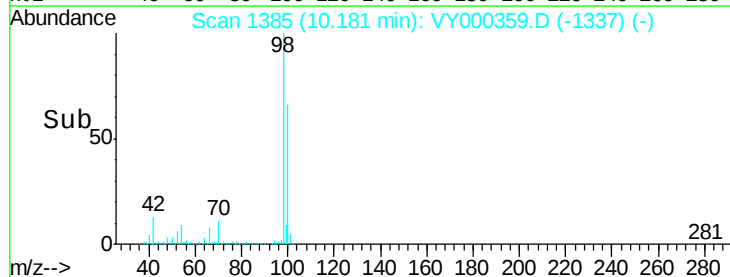
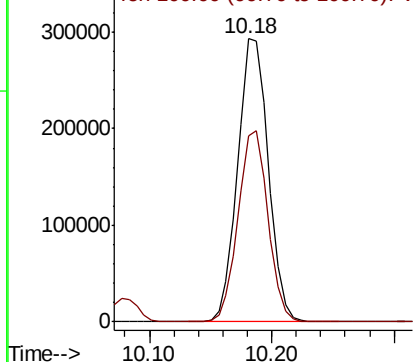
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2

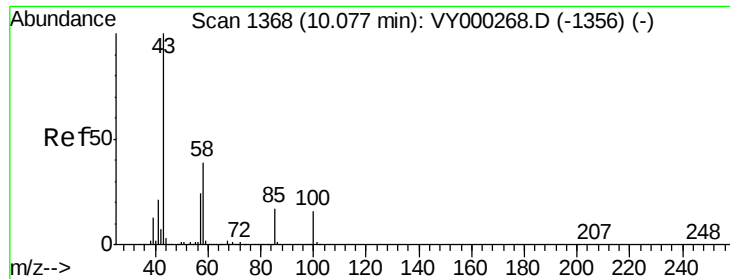


Abundance

Ion 98.00 (97.70 to 98.70): VY000359.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY000359.D (-1337) (-)





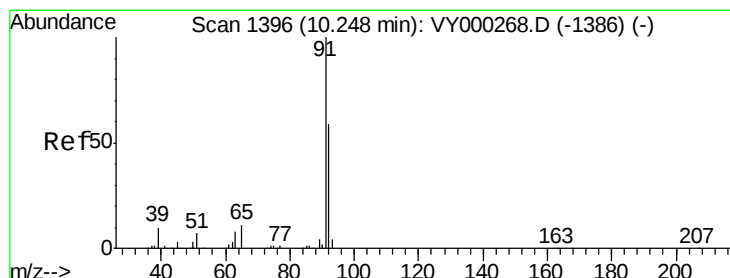
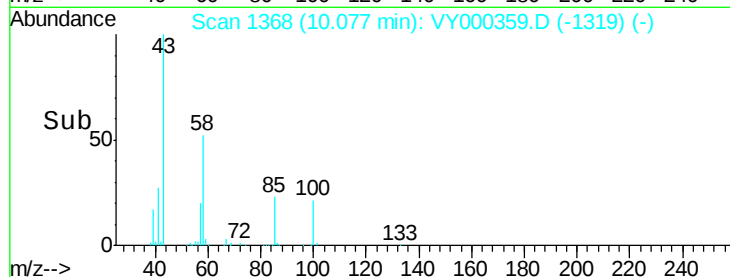
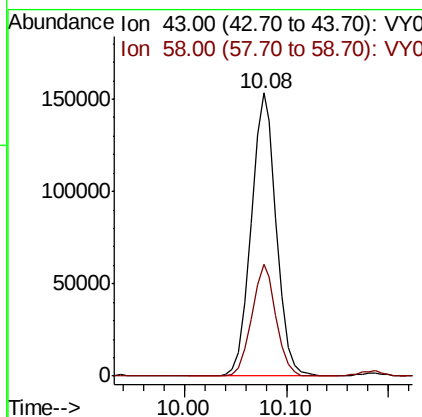
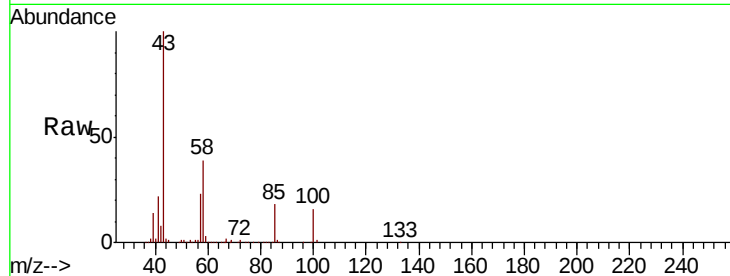
#51
4-Methyl-2-Pentanone
Concen: 105.972 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.4	31.0	46.6

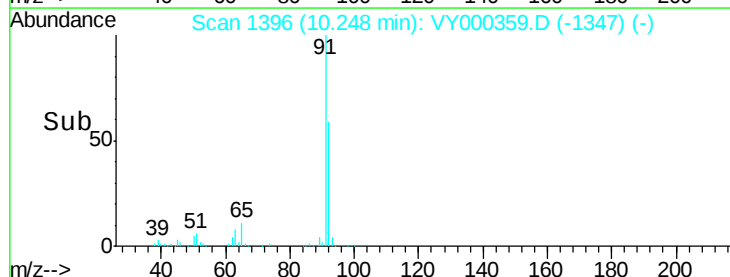
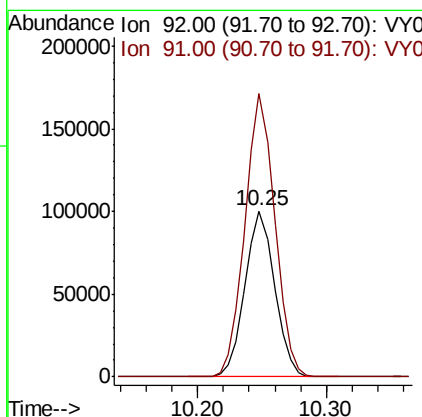
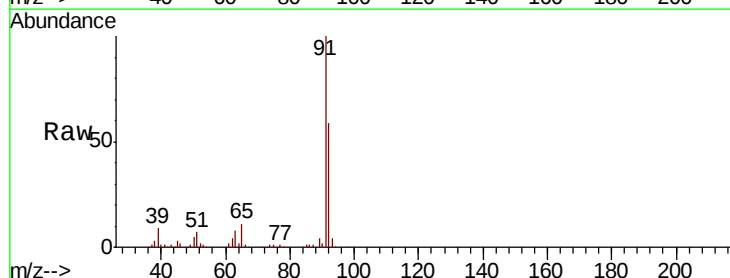
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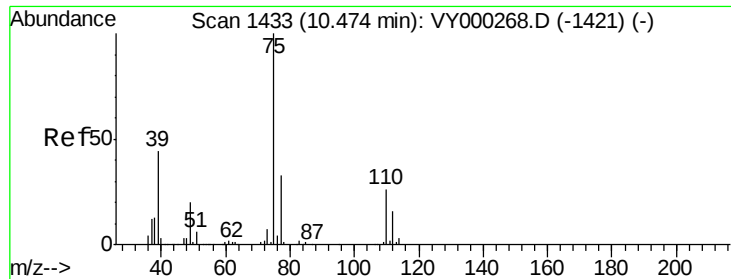
MMDadoda
10/24/2019 4:34:04 PM



#52
Toluene
Concen: 20.430 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.8	136.6	205.0





#53

t-1,3-Dichloropropene

Concen: 20.875 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion: 75 Resp: 89251

Ion Ratio Lower Upper

75 100

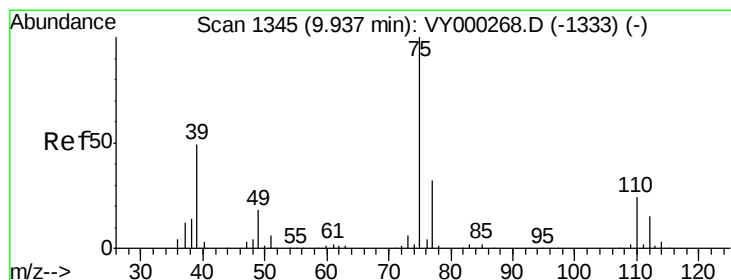
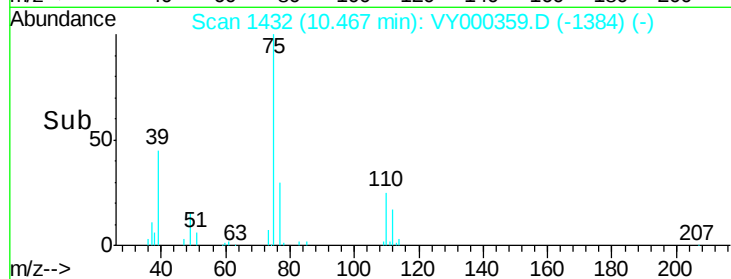
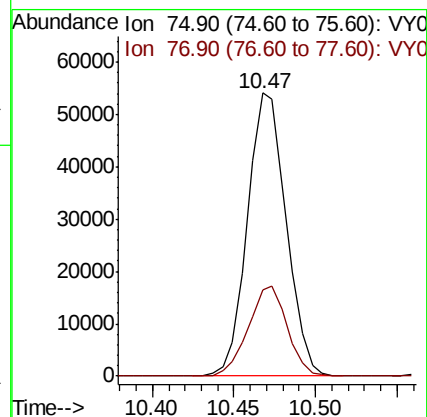
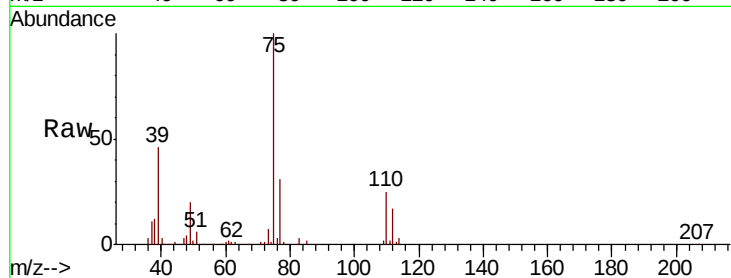
77 30.7 26.0 39.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.207 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

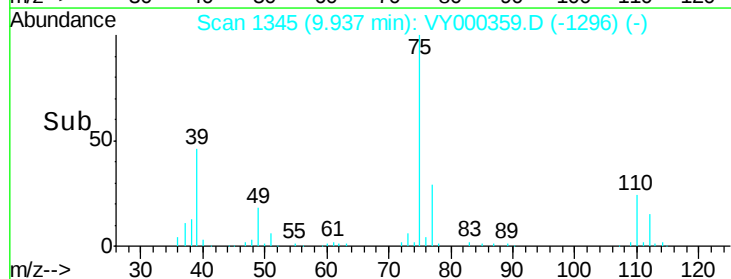
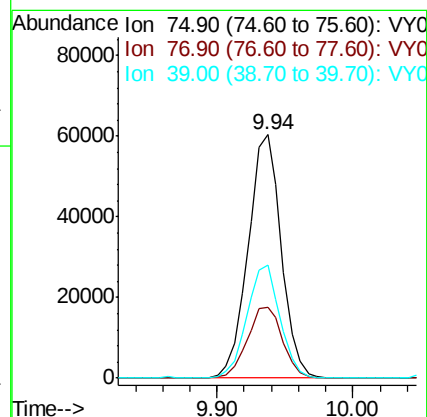
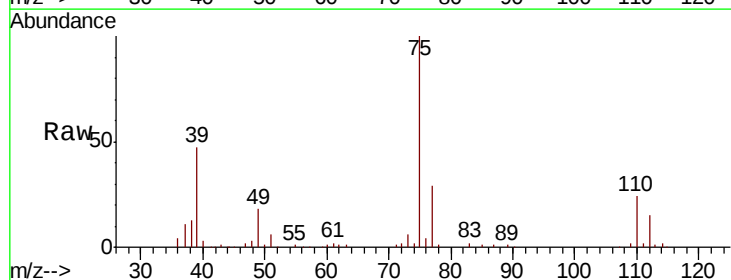
Tgt Ion: 75 Resp: 102966

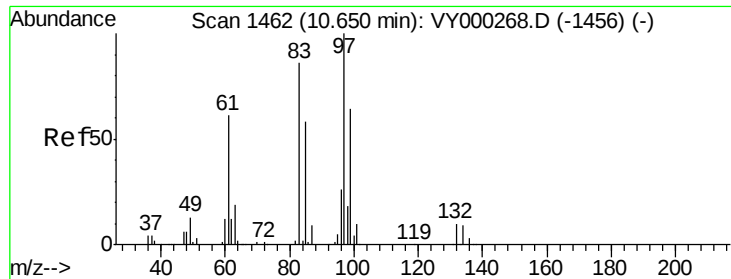
Ion Ratio Lower Upper

75 100

77 28.8 26.0 39.0

39 46.6 38.8 58.2





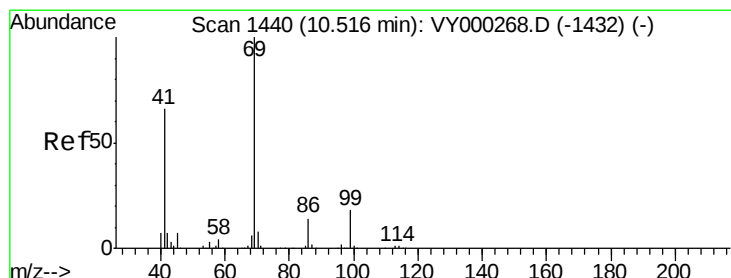
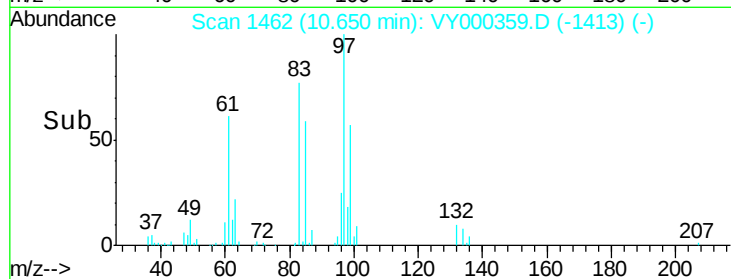
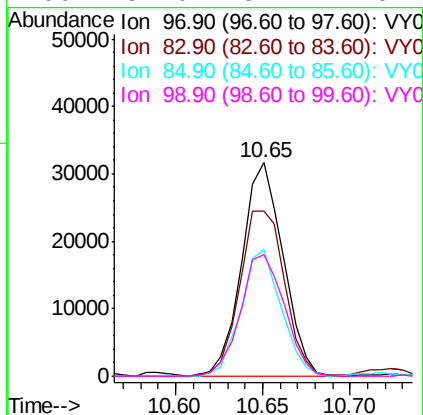
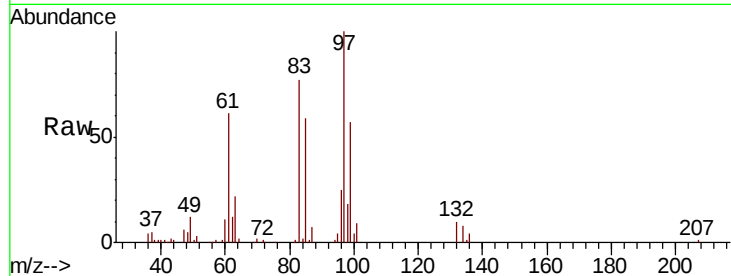
#55
 1,1,2-Trichloroethane
 Concen: 21.167 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	77.1	69.0	103.6
85	59.4	46.2	69.4
99	57.0	51.1	76.7

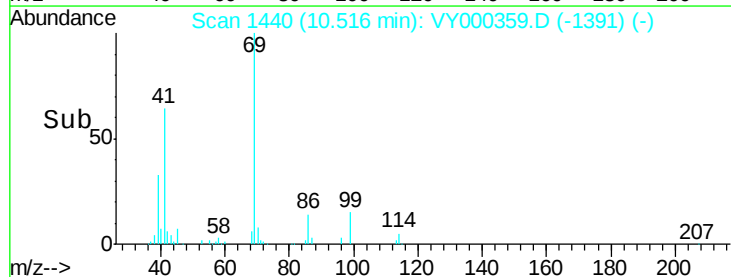
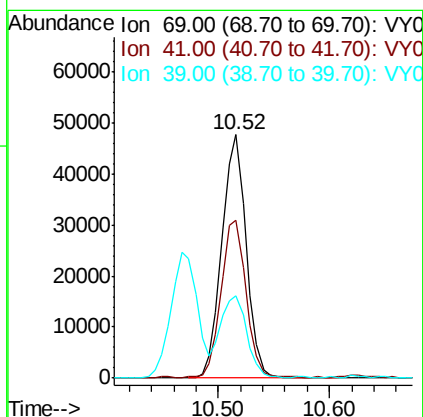
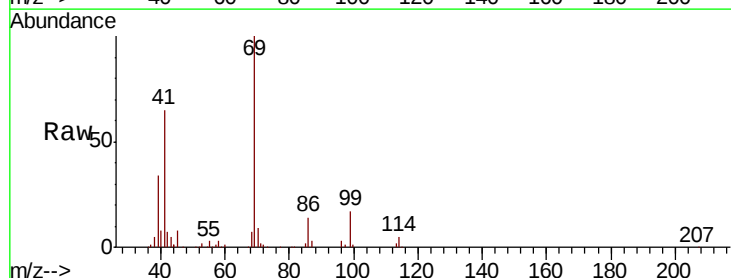
Manual Integrations
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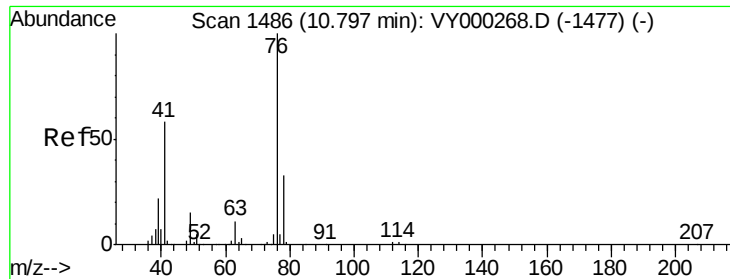
MMDadoda
 10/24/2019 4:34:04 PM



#56
 Ethyl methacrylate
 Concen: 20.626 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.7	52.5	78.7
39	37.1	26.7	40.1





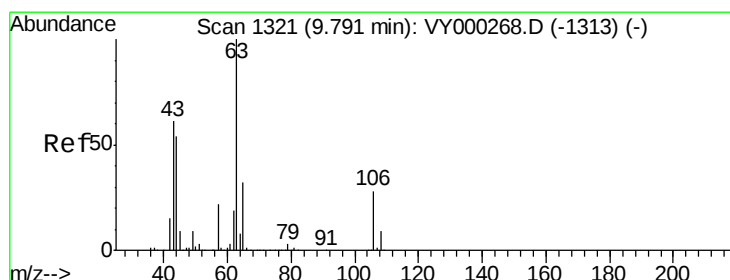
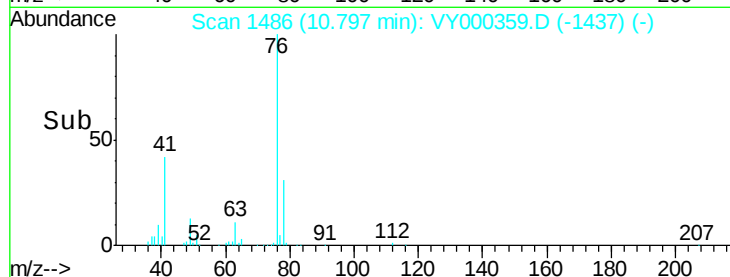
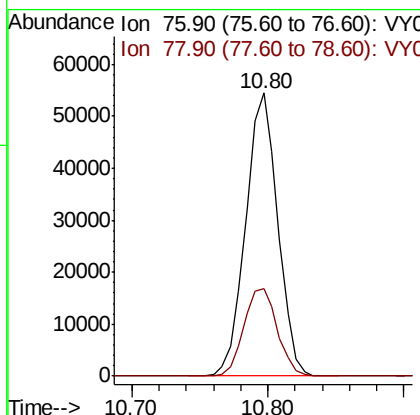
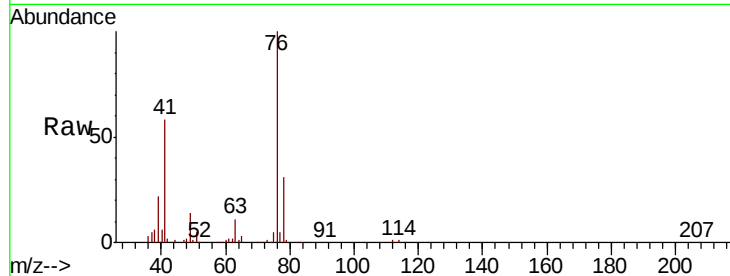
#57
 1,3-Dichloropropane
 Concen: 21.290 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

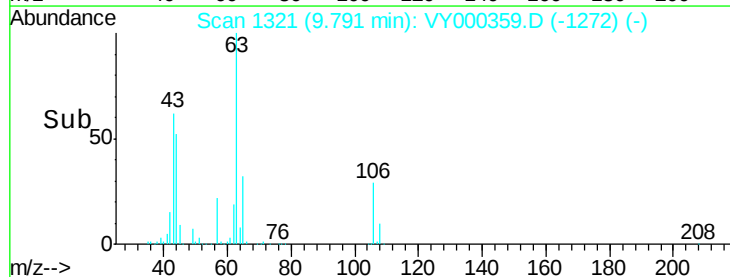
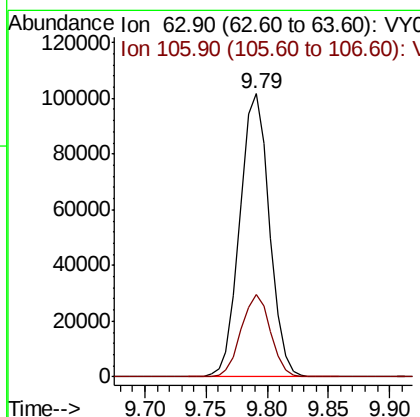
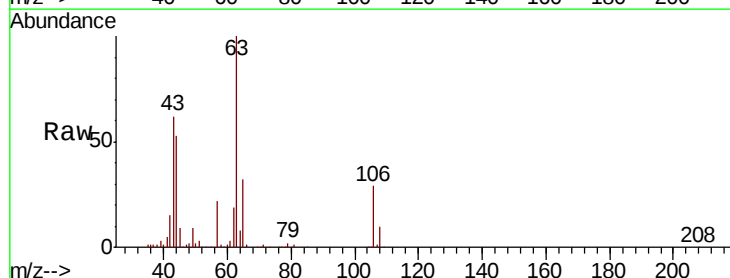
Manual Integrations
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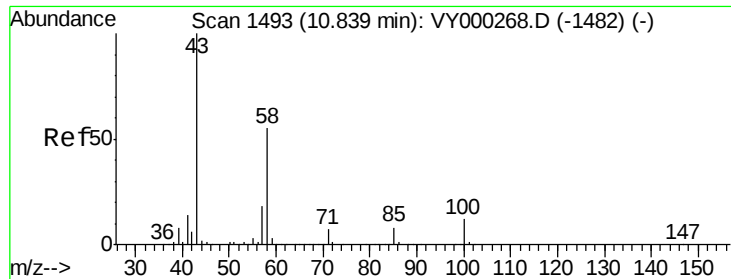
MMDadoda
 10/24/2019 4:34:04 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.905 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	23.0	34.4





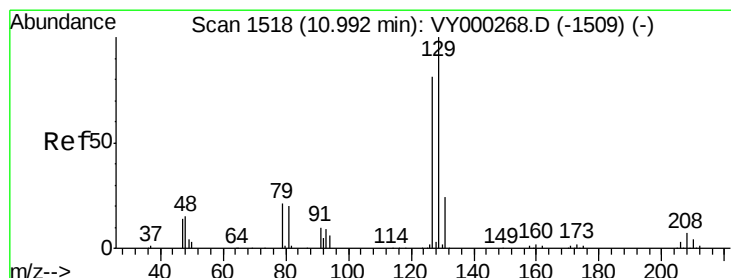
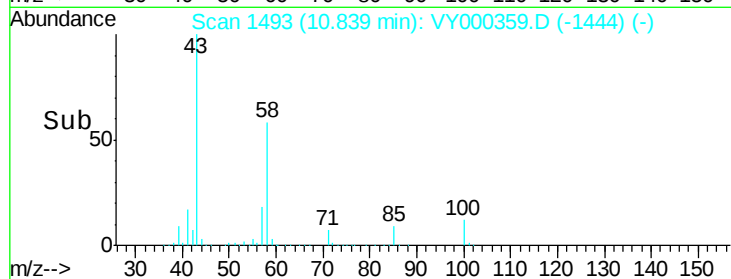
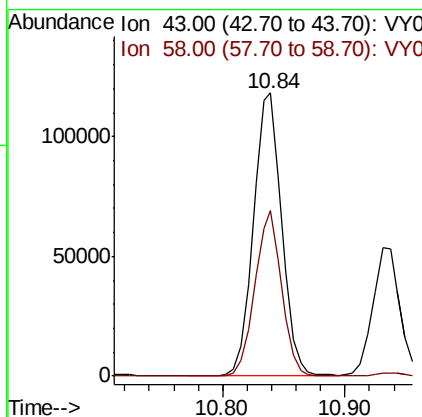
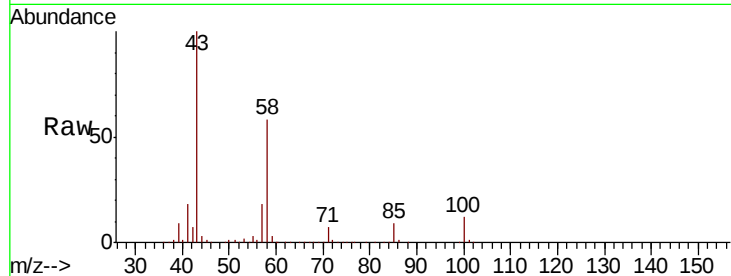
#59
2-Hexanone
Concen: 109.443 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion: 43 Resp: 190472
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

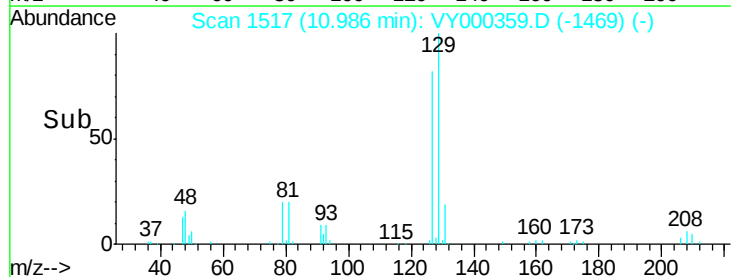
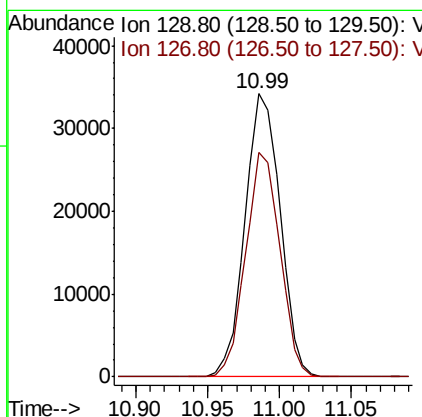
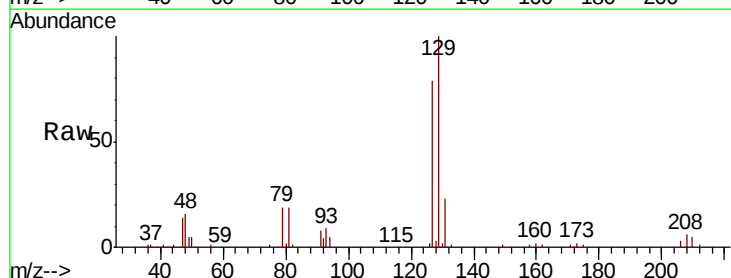
Manual Integrations
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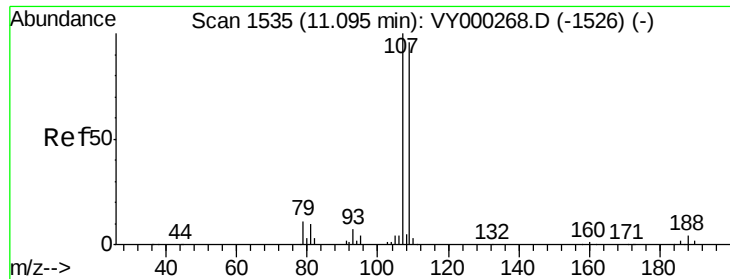
MMDadoda
10/24/2019 4:34:04 PM



#60
Dibromochloromethane
Concen: 21.207 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion: 129 Resp: 57854
Ion Ratio Lower Upper
129 100
127 77.0 39.9 119.7





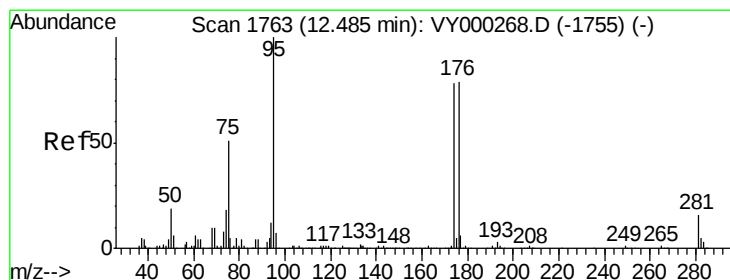
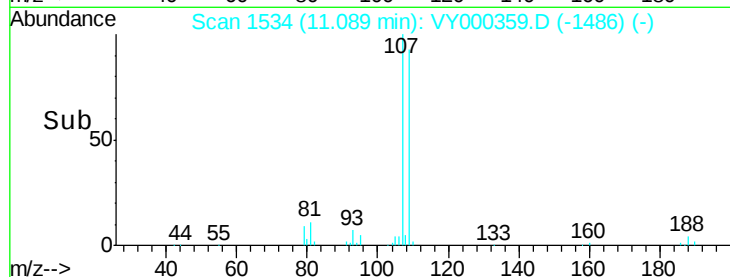
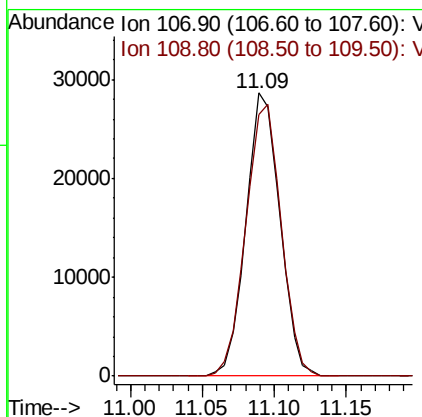
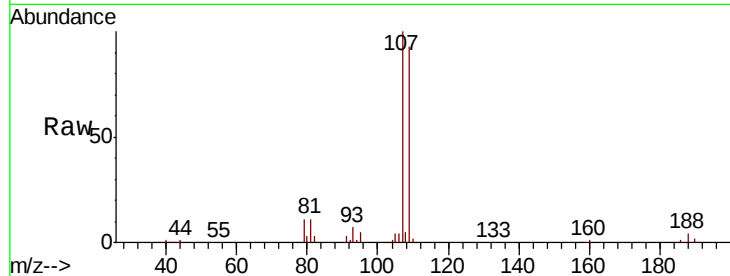
#61
 1,2-Dibromoethane
 Concen: 19.744 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	99.9	75.1	112.7

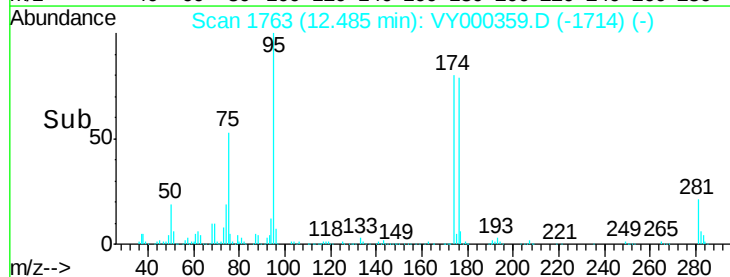
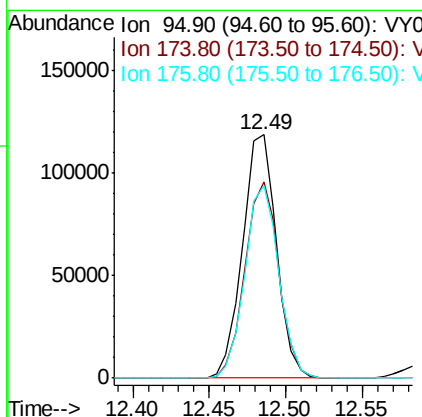
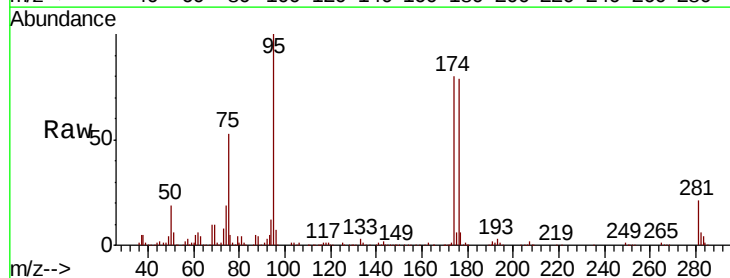
Manual Integrations
 APPROVED

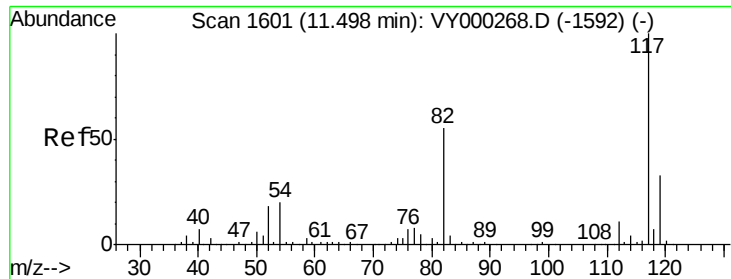
MMDadoda
 10/24/2019 4:34:04 PM



#62
 4-Bromofluorobenzene
 Concen: 47.473 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	159.6
176	79.2	0.0	153.8





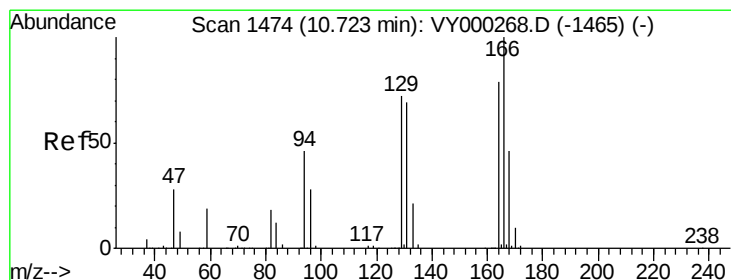
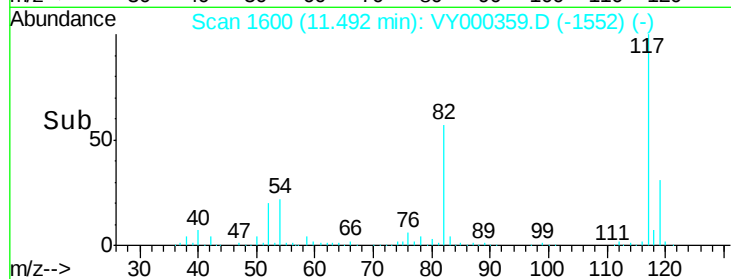
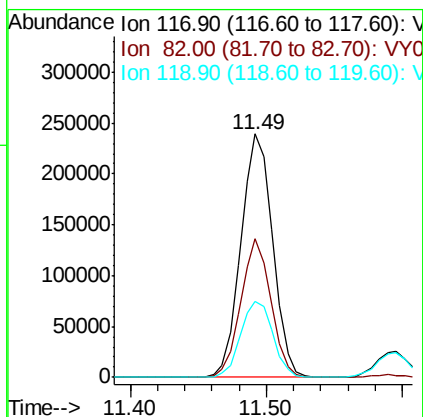
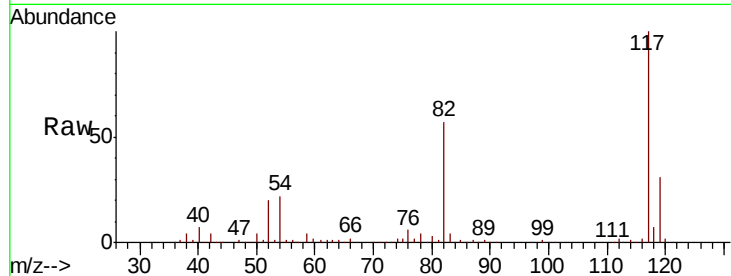
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.7	65.5
119	31.1	26.6	39.8

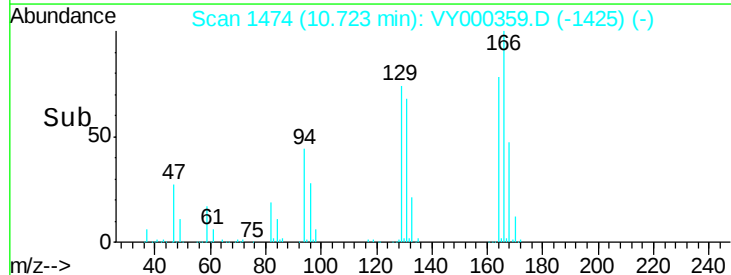
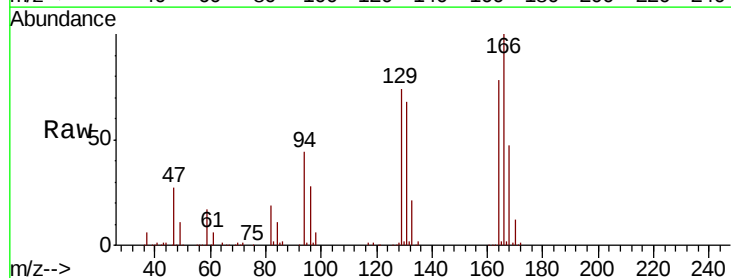
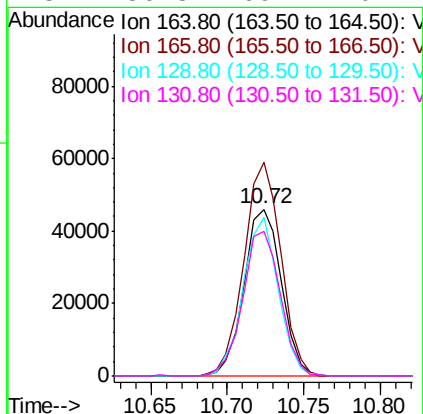
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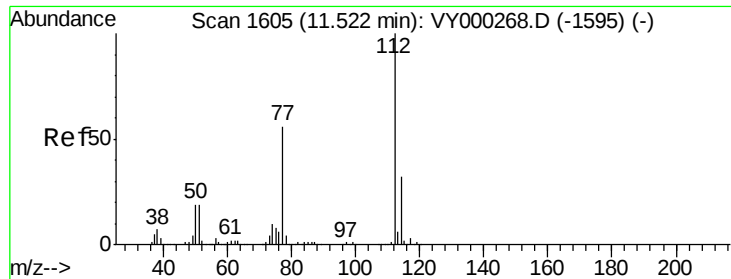
MMDadoda
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#64
Tetrachloroethene
Concen: 21.125 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	100.6	151.0
129	94.9	72.8	109.2
131	86.8	69.4	104.2





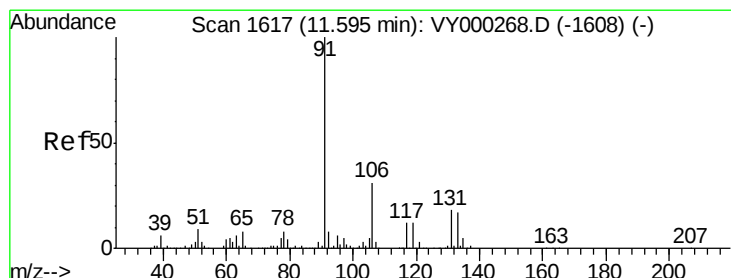
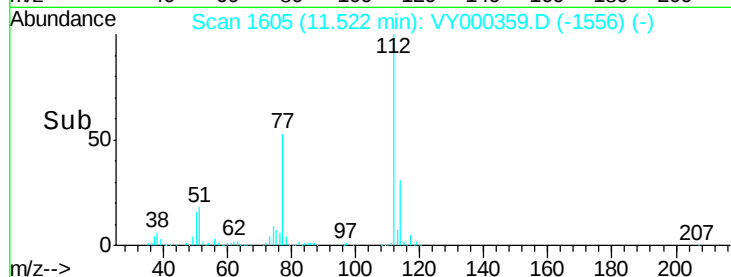
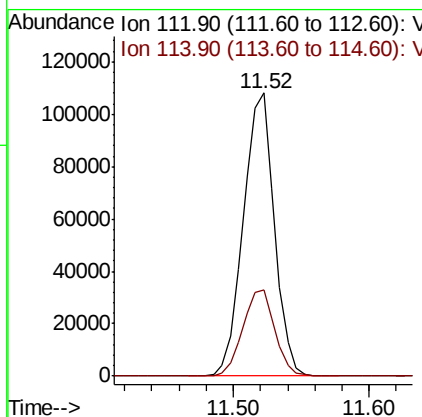
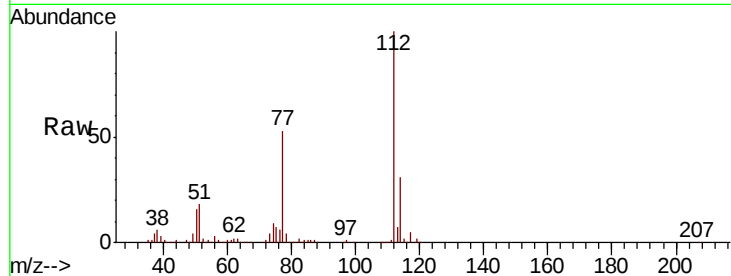
#65
Chlorobenzene
Concen: 20.946 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion:112 Resp: 172442
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5

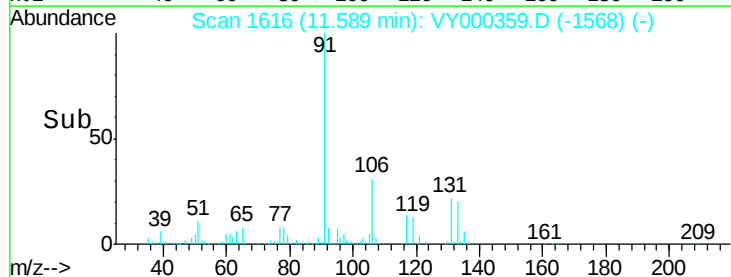
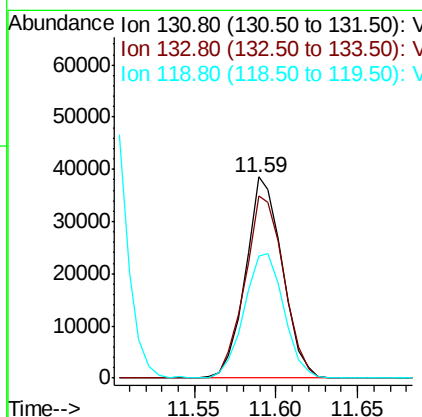
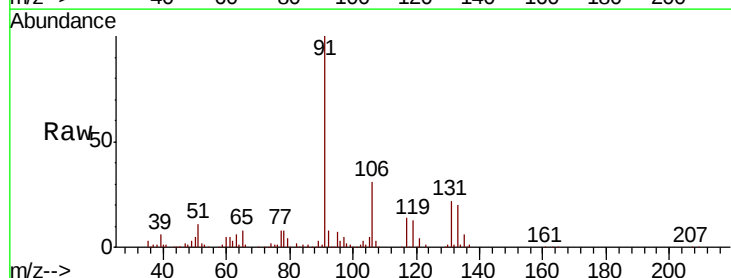
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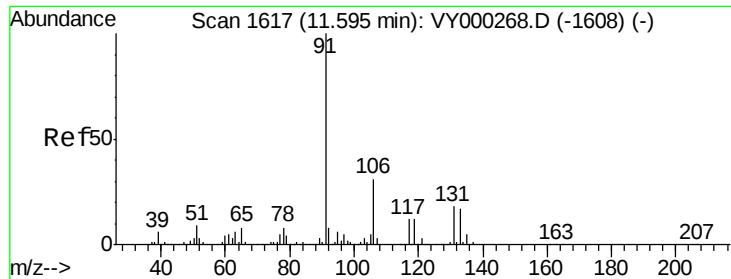
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.845 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion:131 Resp: 60282
Ion Ratio Lower Upper
131 100
133 95.8 47.2 141.6
119 67.2 32.6 98.0





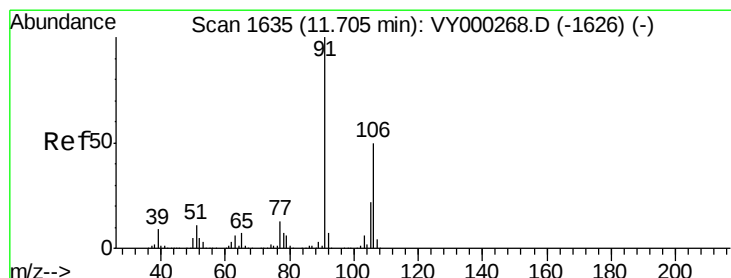
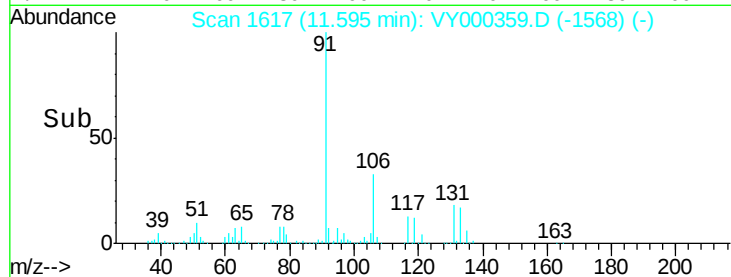
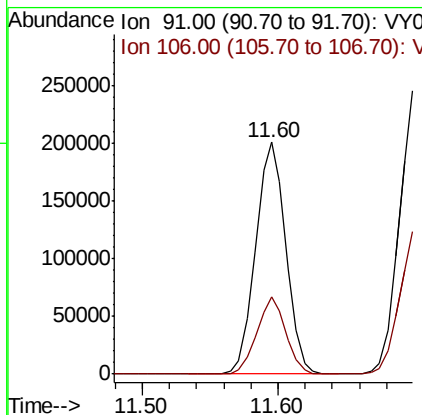
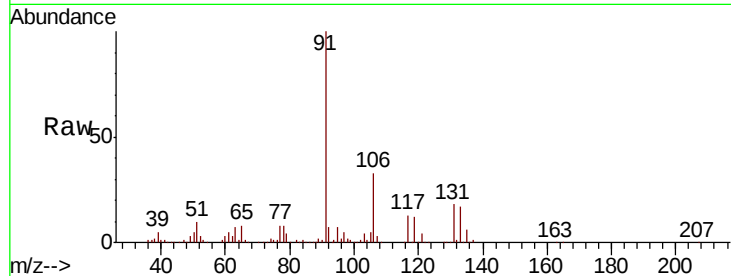
#67
Ethyl Benzene
Concen: 20.447 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion: 91 Resp: 312048
Ion Ratio Lower Upper
91 100
106 33.3 25.0 37.6

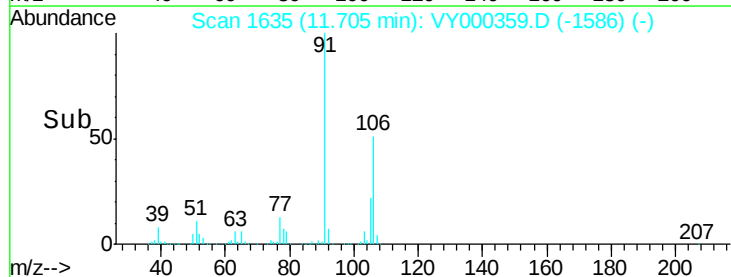
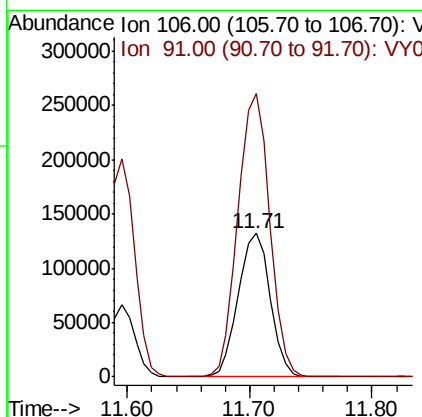
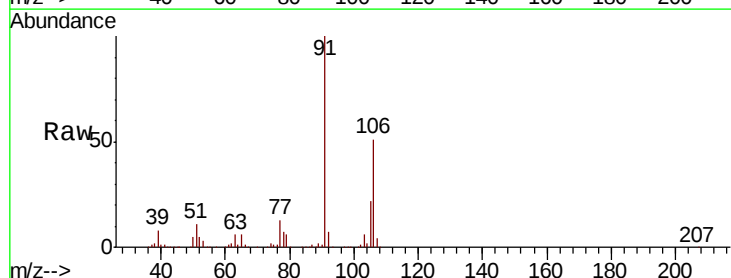
Manual Integrations
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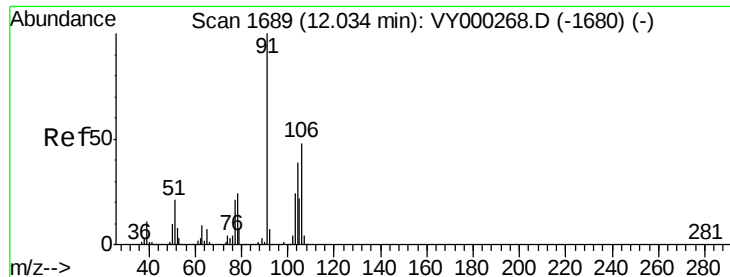
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#68
m/p-Xylenes
Concen: 41.163 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion: 106 Resp: 240150
Ion Ratio Lower Upper
106 100
91 196.2 157.5 236.3





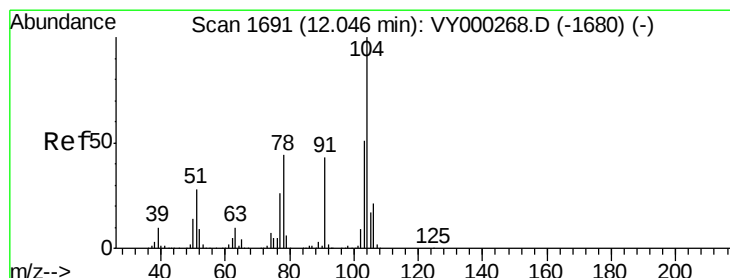
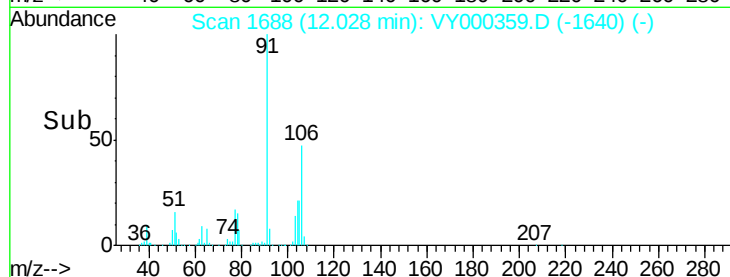
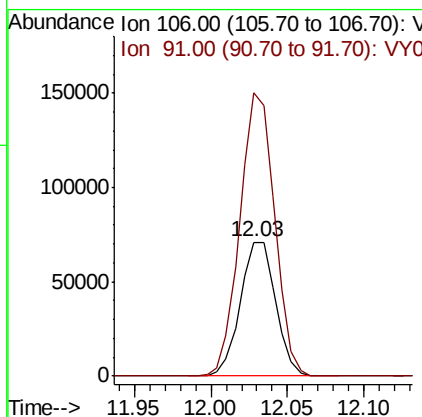
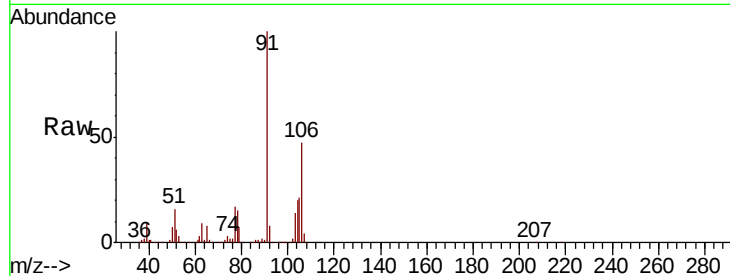
#69
o-Xylene
Concen: 20.477 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.3	104.7	313.9

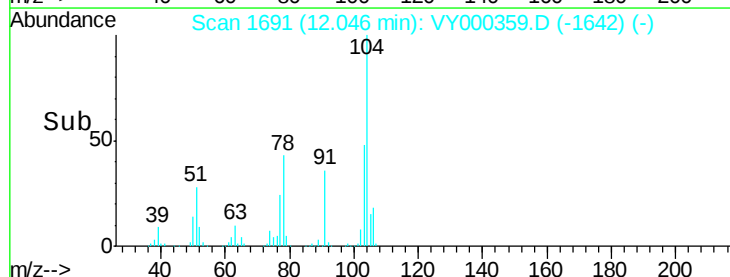
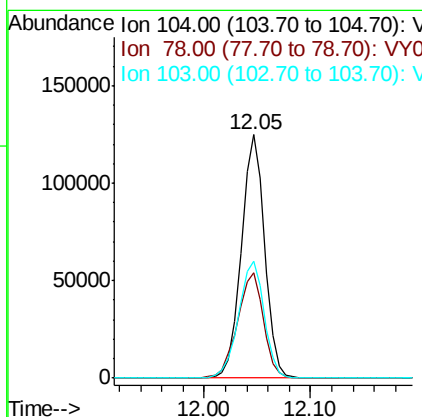
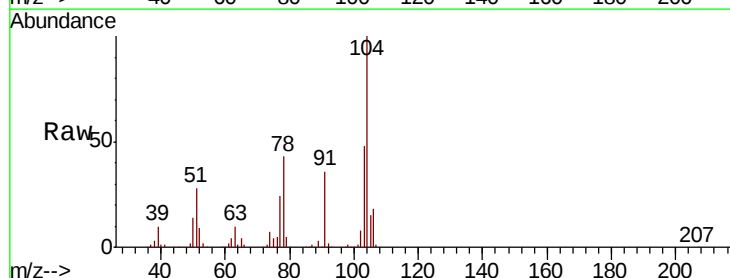
Manual Integrations
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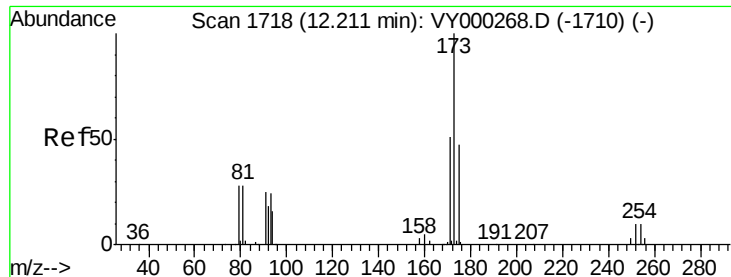
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#70
Styrene
Concen: 20.438 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.5	39.0	58.6
103	52.7	43.1	64.7





#71

Bromoform

Concen: 20.905 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

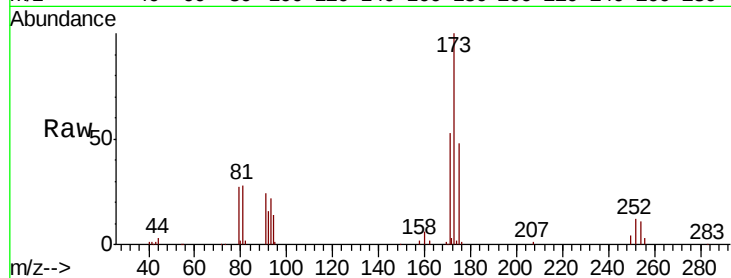
ClientSampleId :

VY1022SBS01

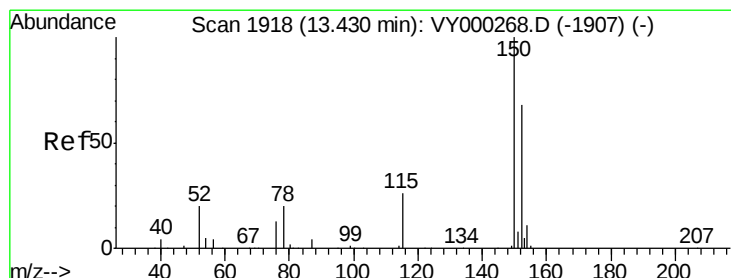
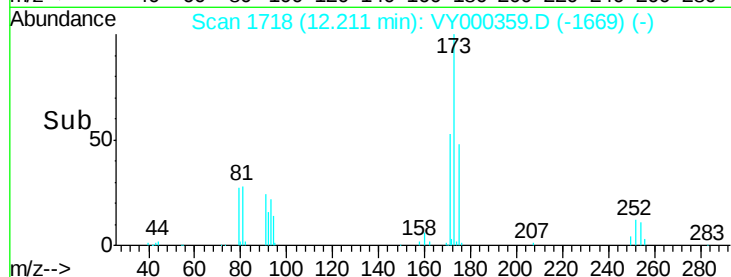
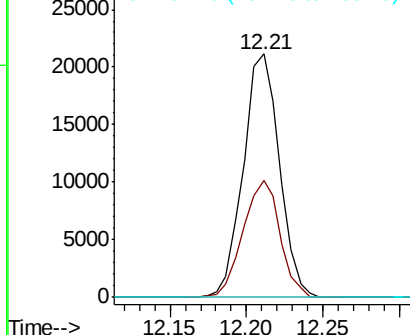
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.6
254	0.0	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

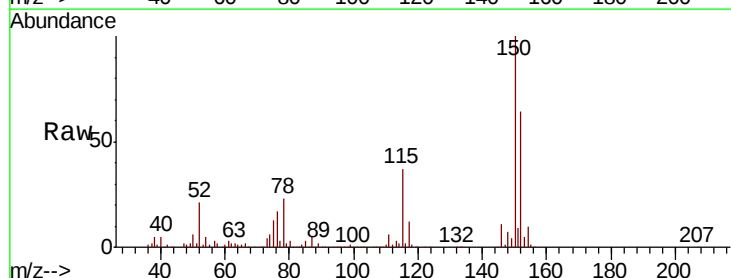
RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

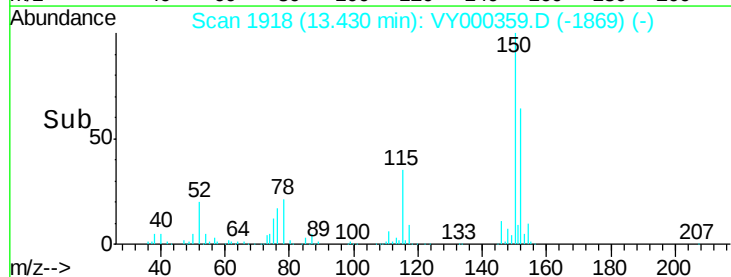
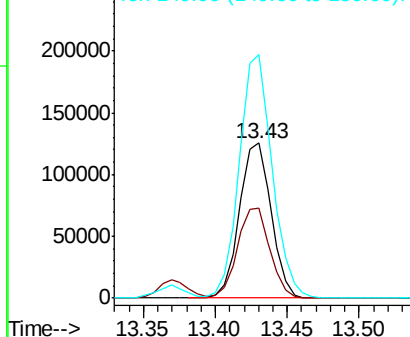
Lab File: VY000359.D

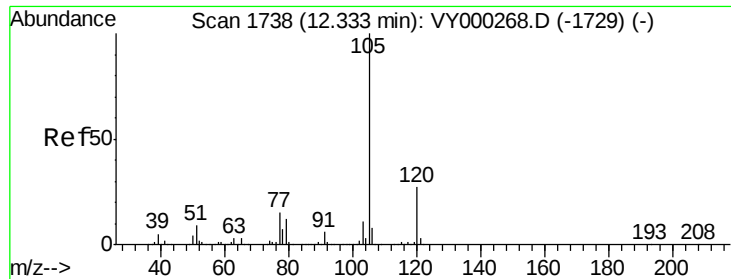
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.3	88.0
150	163.6	0.0	348.4



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





#73

Isopropylbenzene

Concen: 20.431 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion:105 Resp: 304405

Ion Ratio Lower Upper

105 100

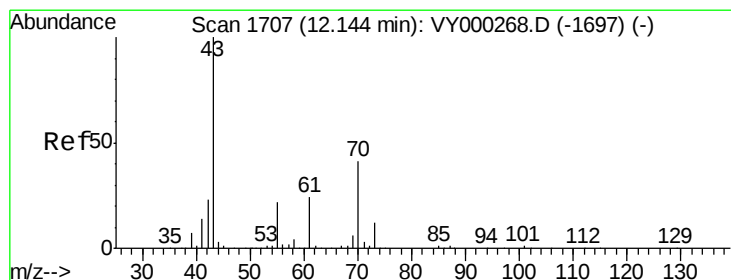
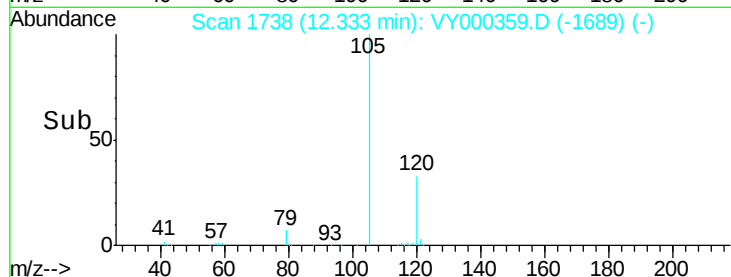
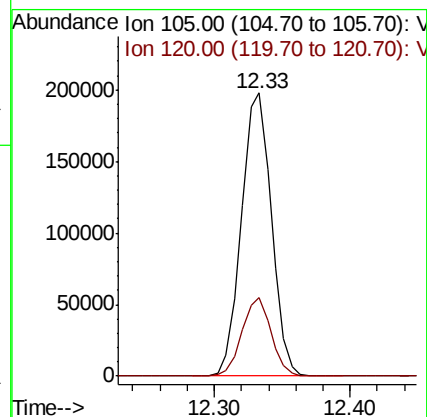
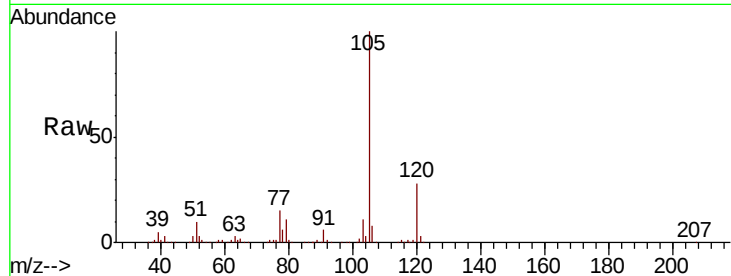
120 27.1 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 23.711 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Tgt Ion: 43 Resp: 86730

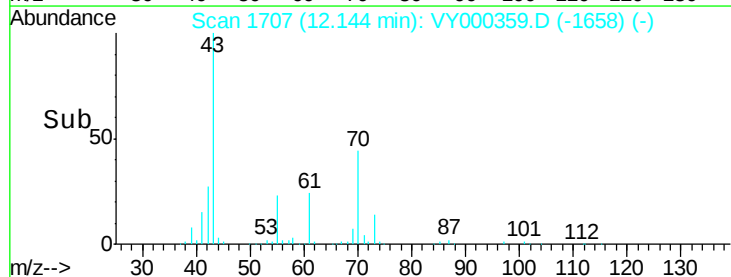
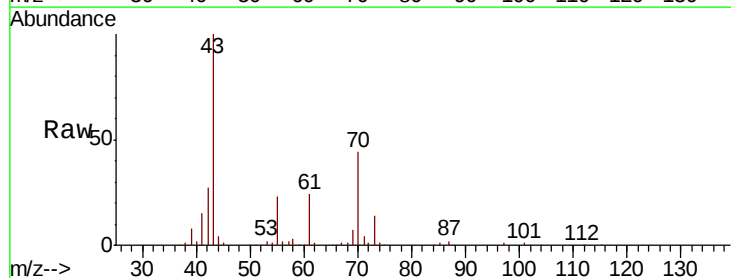
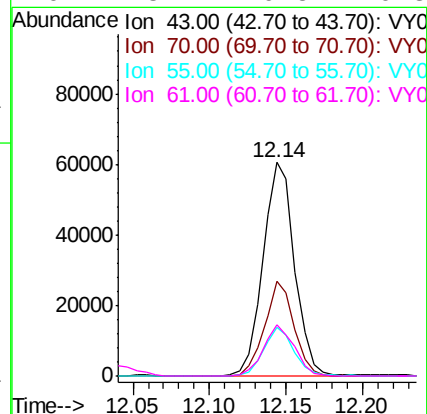
Ion Ratio Lower Upper

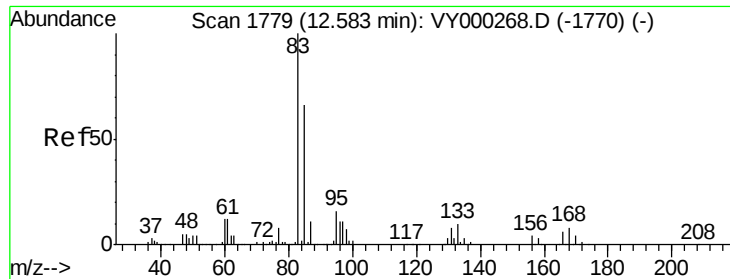
43 100

70 42.0 32.9 49.3

55 22.3 17.8 26.6

61 23.4 19.5 29.3





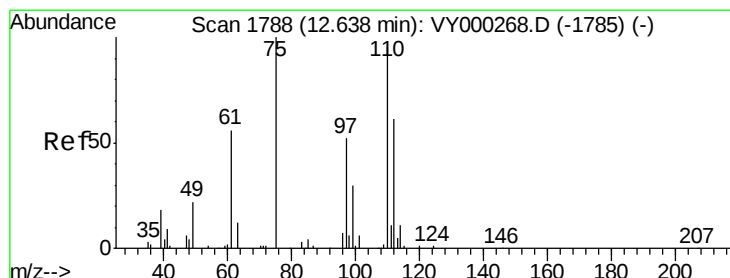
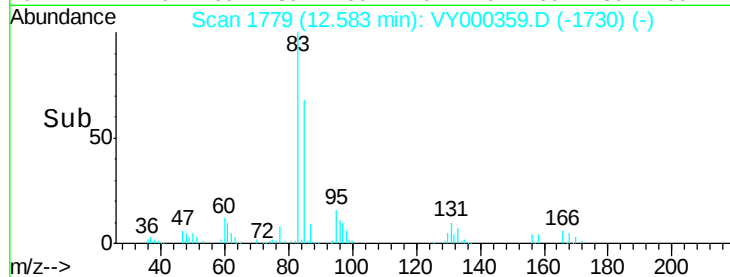
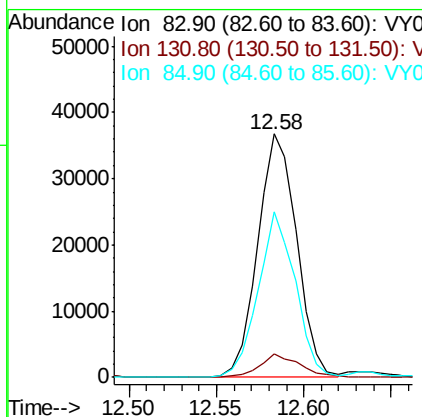
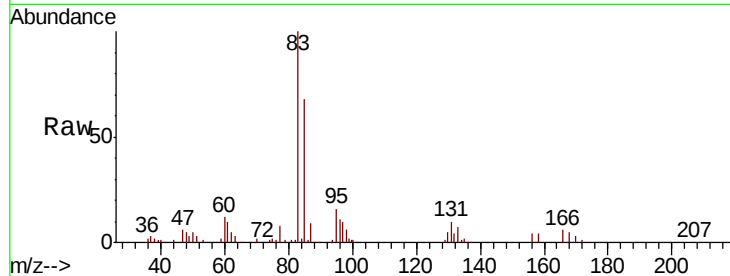
#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.379 ug/l
 RT: 12.58 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.9	5.3	16.1	
85	64.7	32.9	98.7	

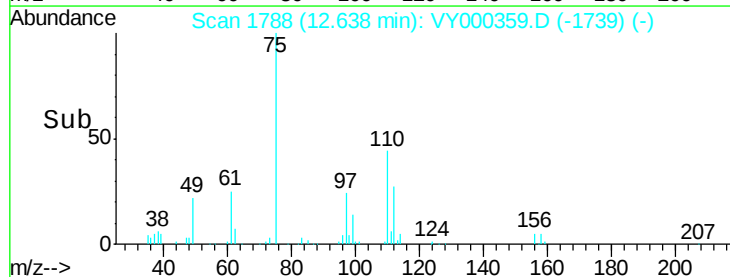
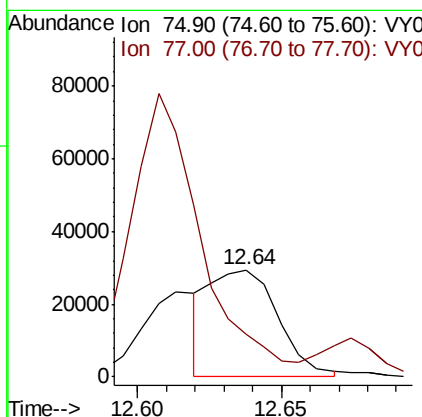
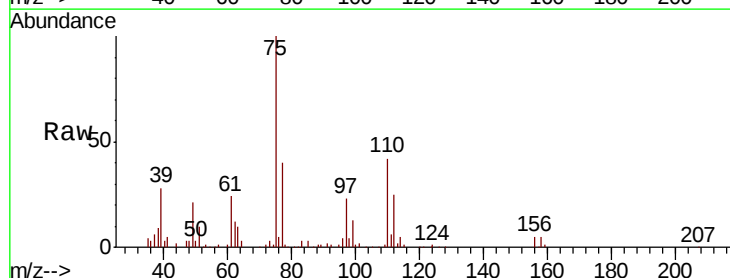
Manual Integrations
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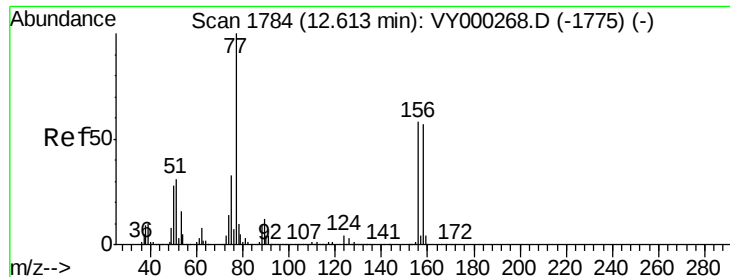
MMDadoda
 10/24/2019 4:34:04 PM



#76
 1,2,3-Trichloropropane
 Concen: 20.733 ug/l m
 RT: 12.64 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

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





#77

Bromobenzene

Concen: 21.087 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBS01

Tot Ion:156 Resp: 69914

Ion Ratio Lower Upper

156 100

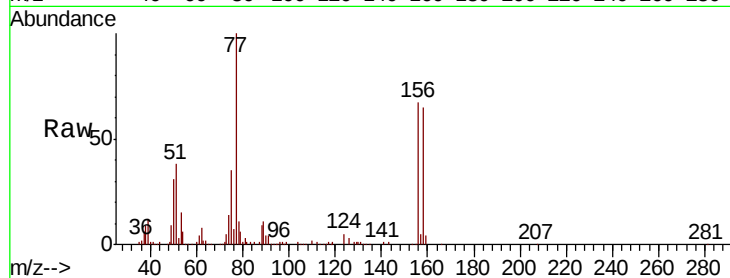
77 191.8 101.0 302.9

158 96.3 49.7 149.1

Manual Integrations
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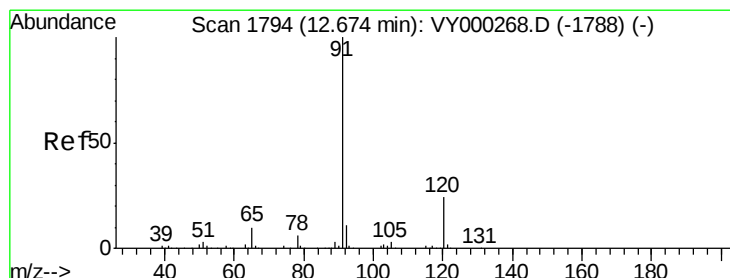
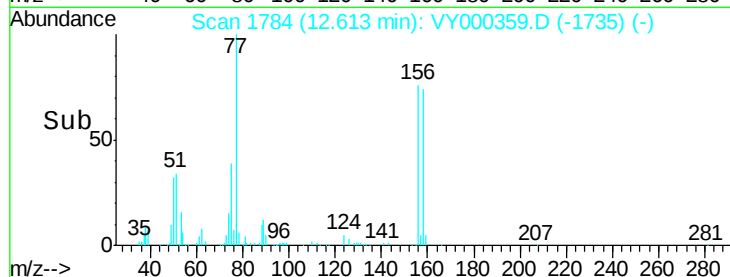
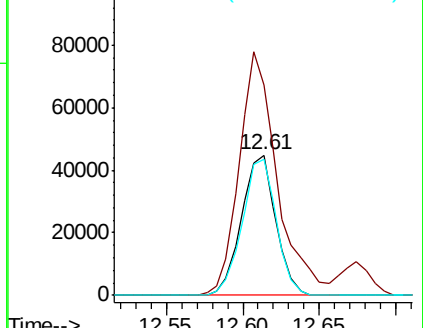
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.447 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000359.D

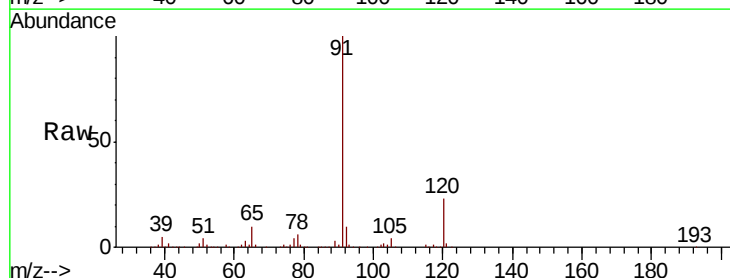
Acq: 22 Oct 2019 12:56

Tgt Ion: 91 Resp: 365773

Ion Ratio Lower Upper

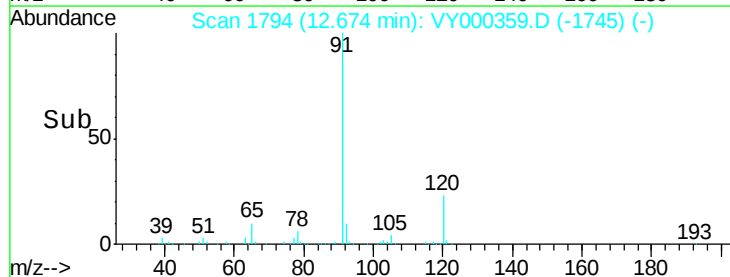
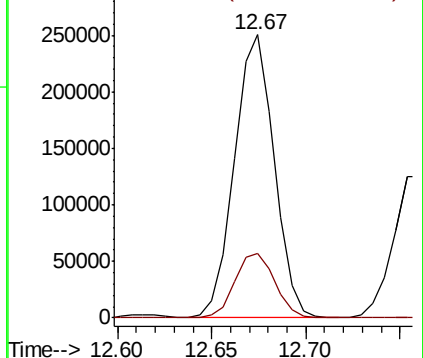
91 100

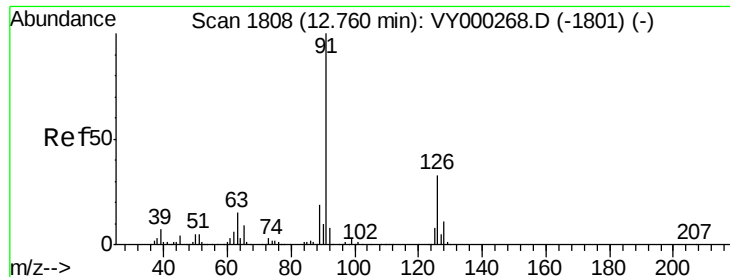
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





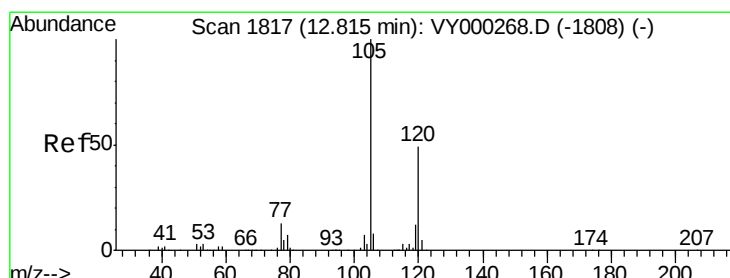
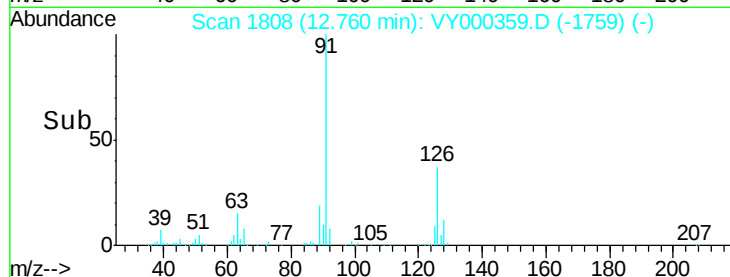
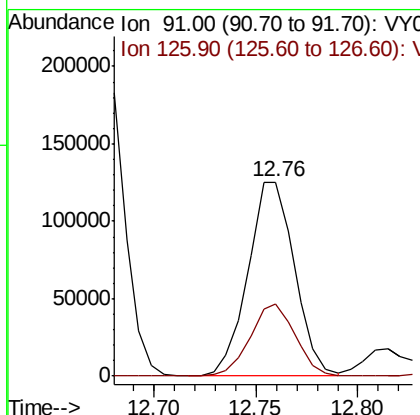
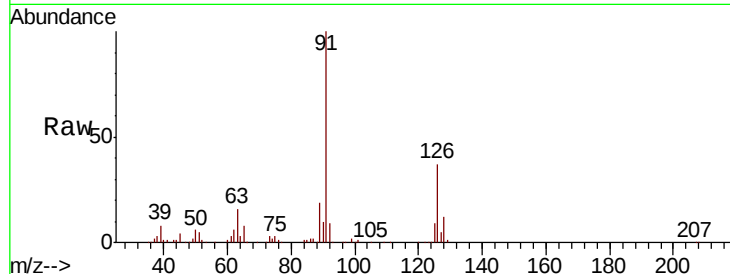
#79
2-Chlorotoluene
Concen: 20.255 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		200112		
126	35.8		17.1	51.3	

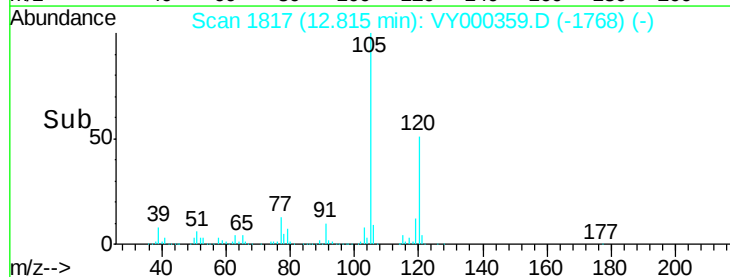
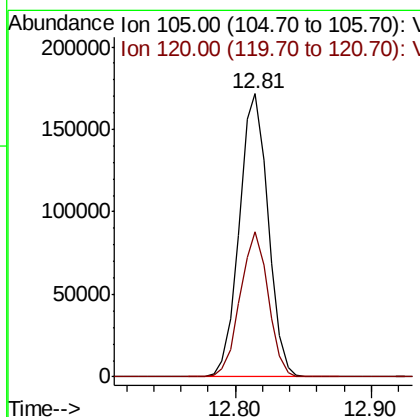
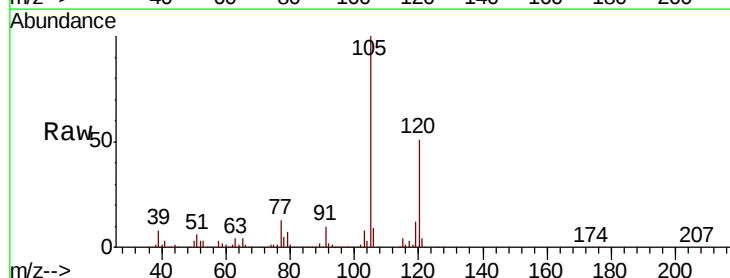
Manual Integrations
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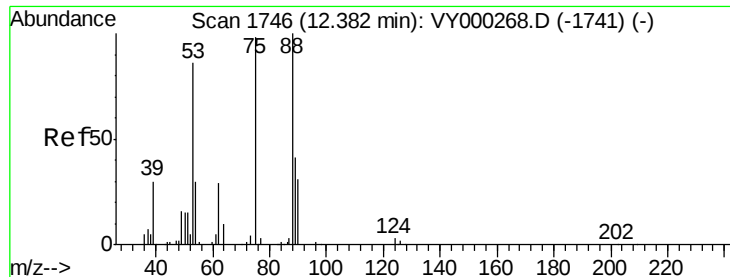
MMDadoda
10/24/2019 4:34:04 PM



#80
1,3,5-Trimethylbenzene
Concen: 20.315 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		253812		
120	50.0		24.9	74.8	





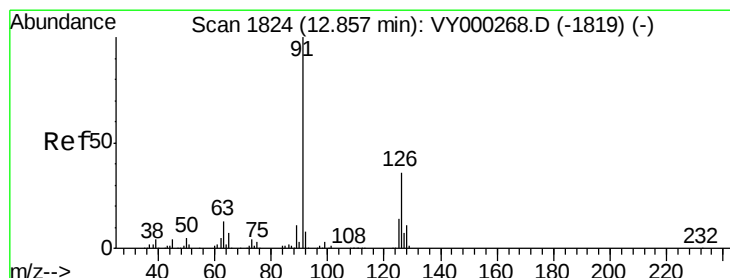
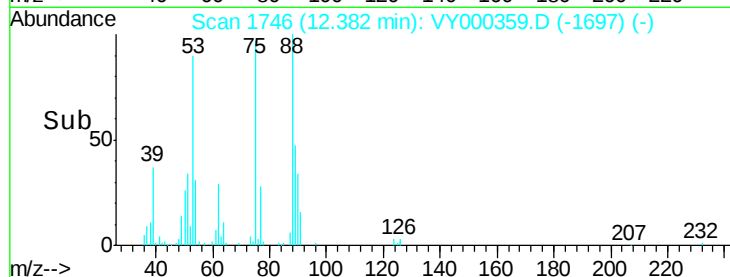
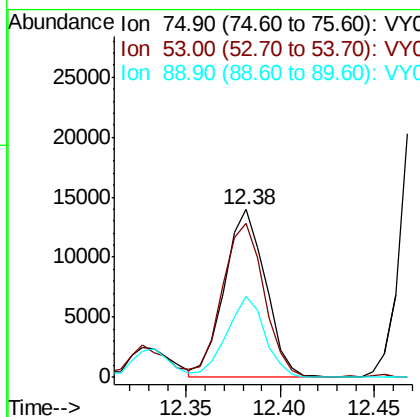
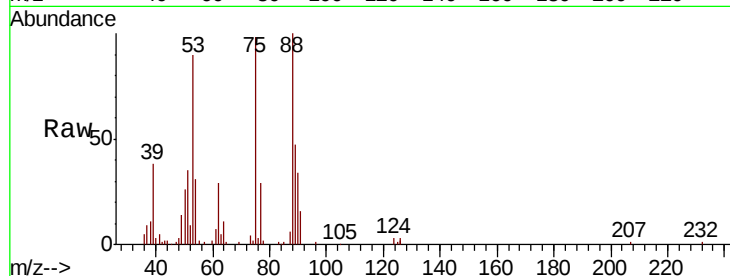
#81
trans-1,4-Dichloro-2-butene
Concen: 19.817 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.4	71.3	106.9
89	44.7	35.1	52.7

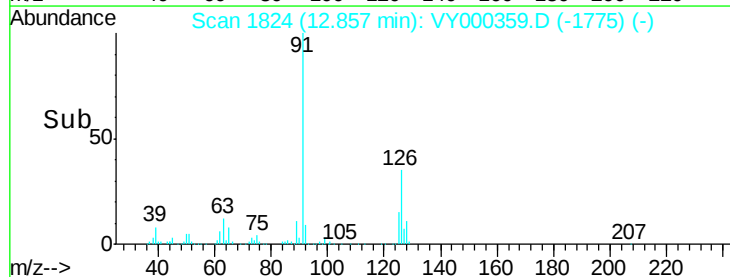
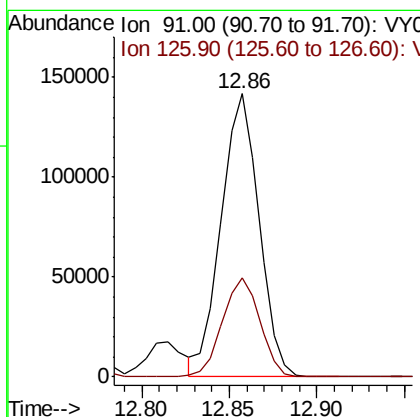
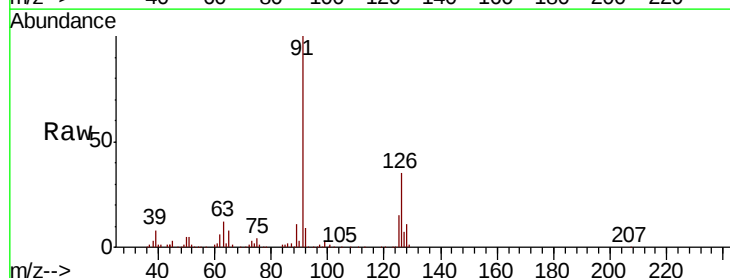
Manual Integrations
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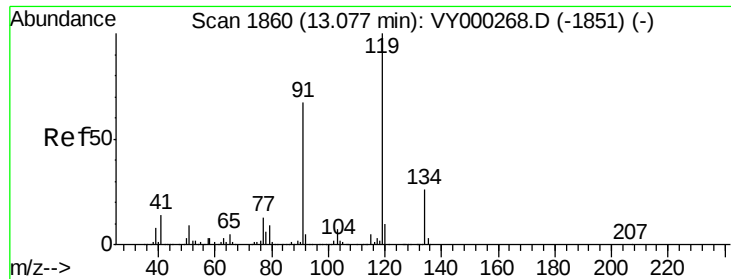
MMDadoda
10/24/2019 4:34:04 PM



#82
4-Chlorotoluene
Concen: 20.415 ug/l
RT: 12.86 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.5





#83

tert-Butylbenzene

Concen: 20.502 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Instrument :

MSVOA_Y

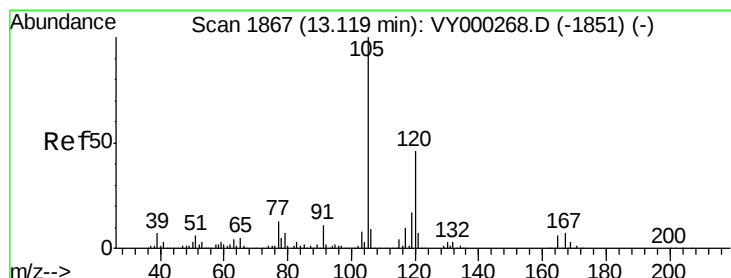
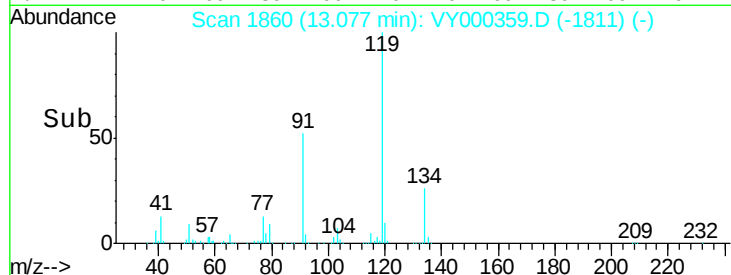
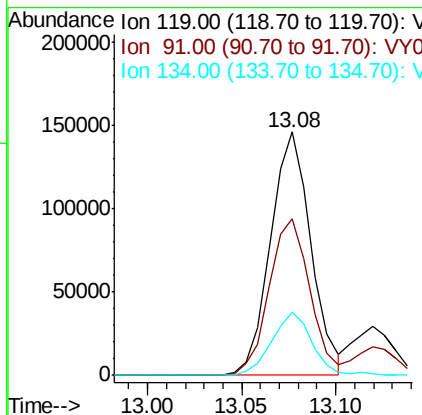
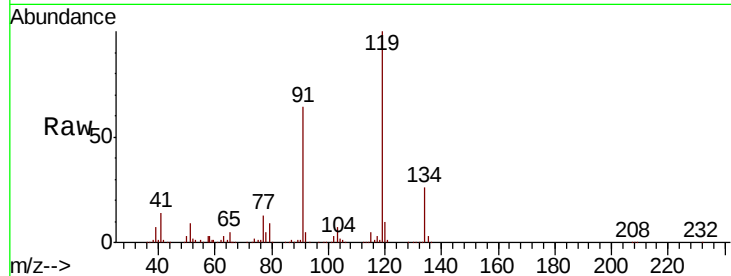
ClientSampleId :

VY1022SBS01

Tot Ion:	119	Resp:	216915
Ion Ratio	Lower	Upper	
119	100		
91	65.1	32.9	98.7
134	26.4	13.3	39.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.867 ug/l

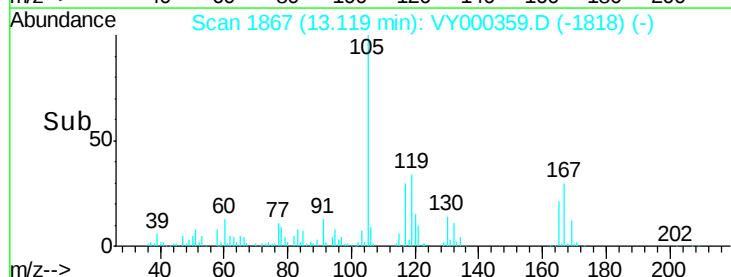
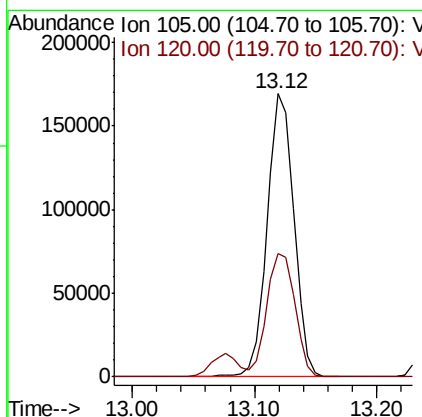
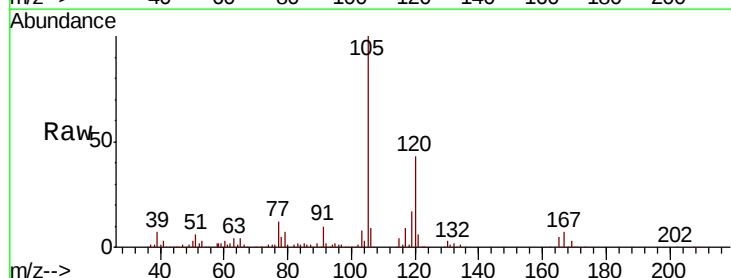
RT: 13.12 min Scan# 1867

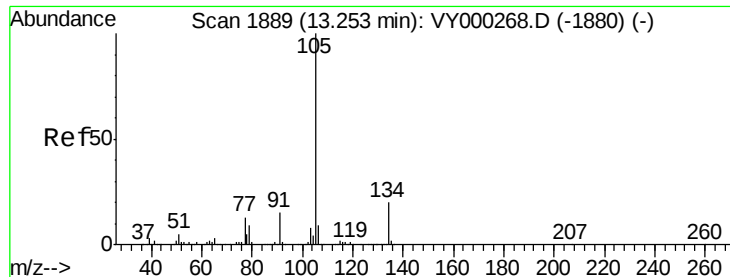
Delta R.T. 0.00 min

Lab File: VY000359.D

Acq: 22 Oct 2019 12:56

Tgt Ion:	105	Resp:	257302
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.9	68.8





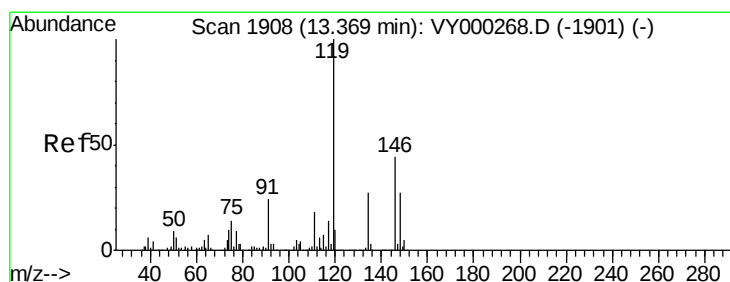
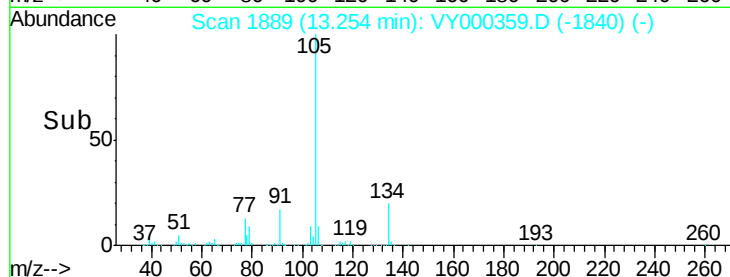
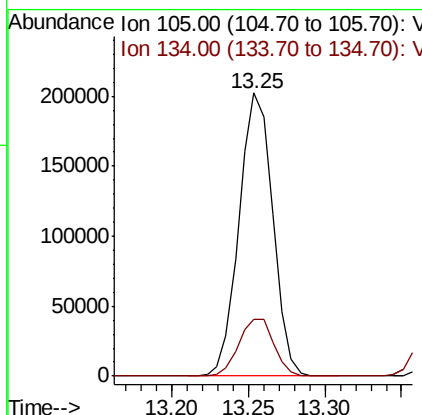
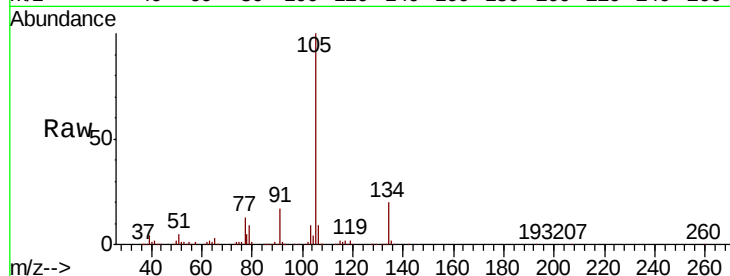
#85
 sec-Butylbenzene
 Concen: 20.215 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.1	30.1

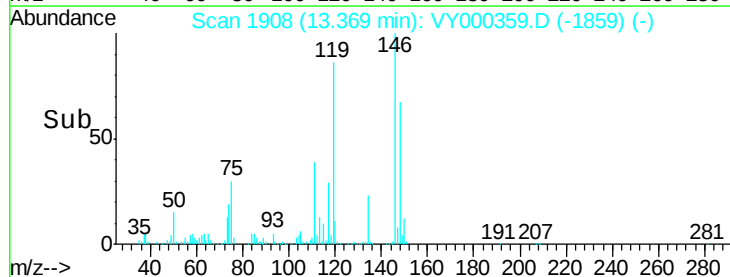
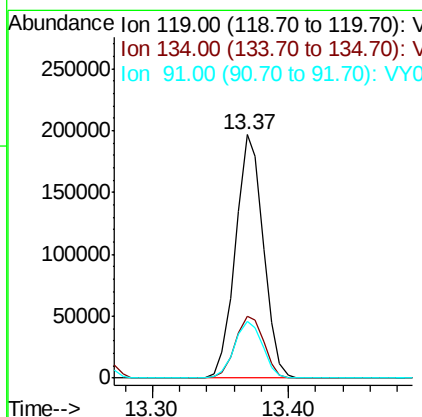
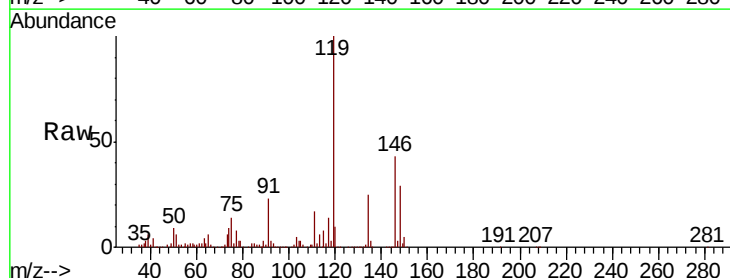
Manual Integrations
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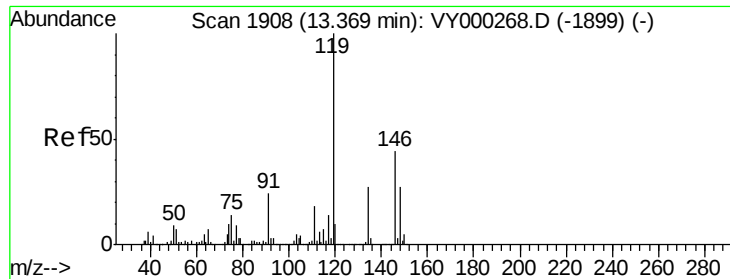
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 10/24/2019 4:34:04 PM



#86
 p-Isopropyltoluene
 Concen: 20.995 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.6	40.8
91	23.9	12.0	36.1





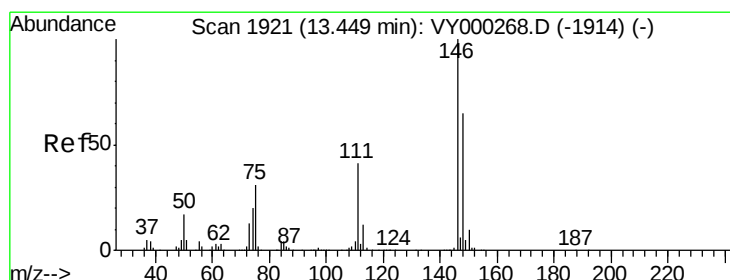
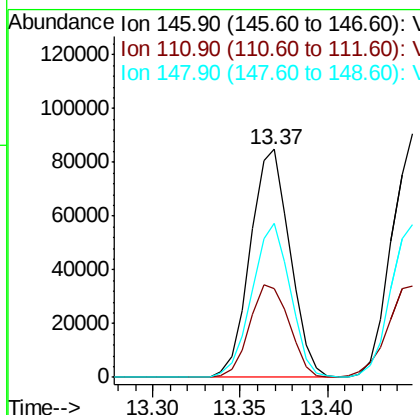
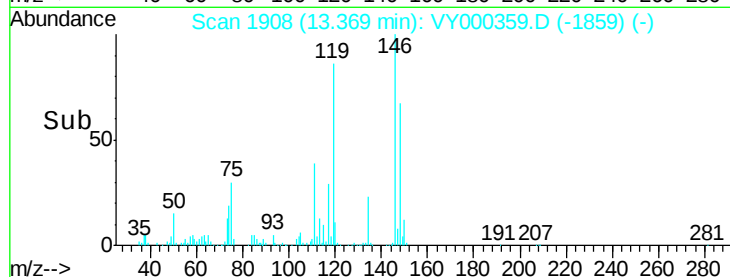
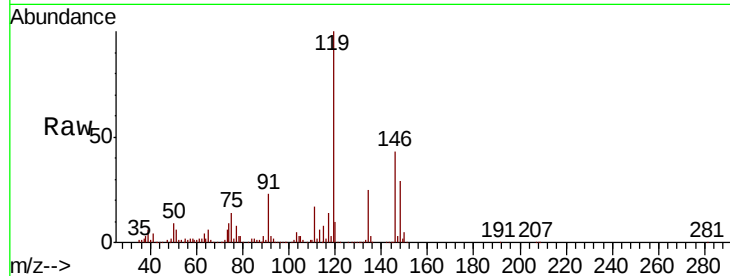
#87
 1,3-Dichlorobenzene
 Concen: 20.488 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.6	20.6	61.8	
148	65.4	31.9	95.5	

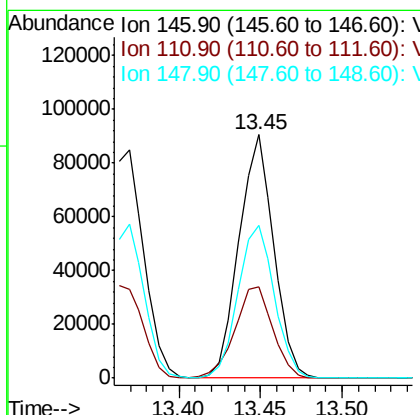
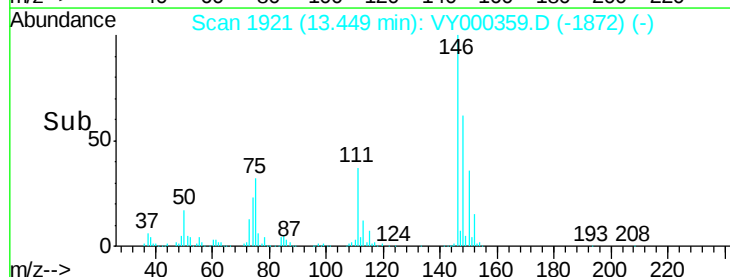
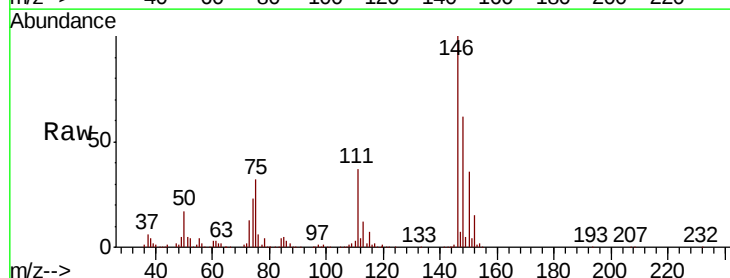
Manual Integrations
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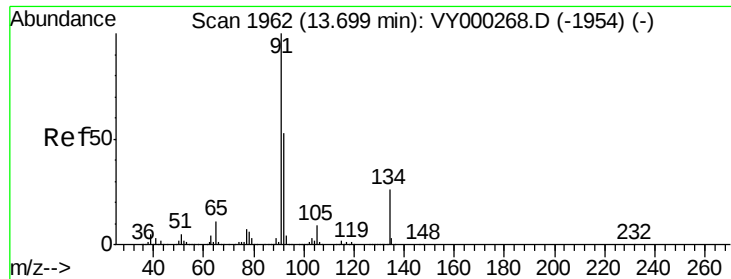
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#88
 1,4-Dichlorobenzene
 Concen: 20.592 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.0	20.1	60.2	
148	65.5	32.4	97.2	





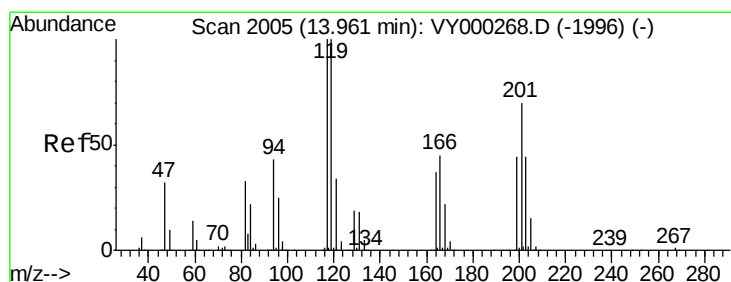
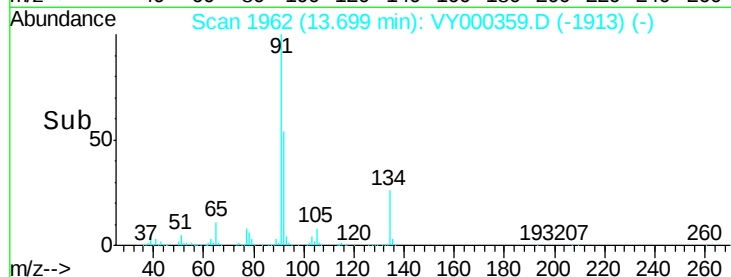
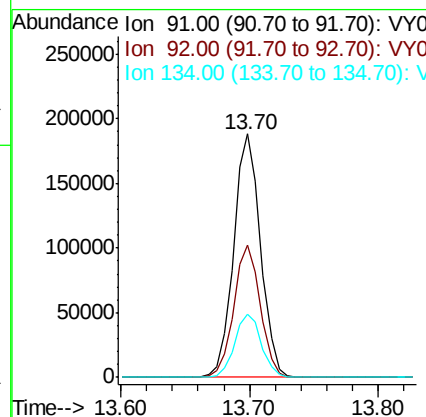
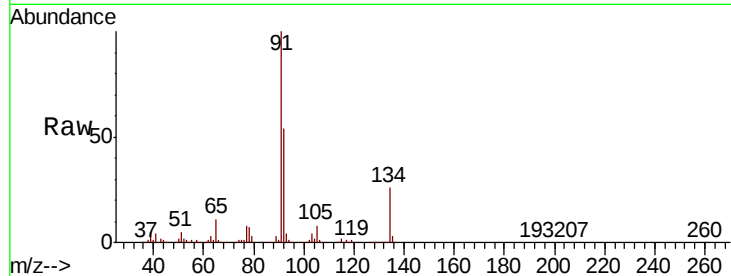
#89
n-Butylbenzene
Concen: 20.716 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.1
134	25.9	13.0	38.9

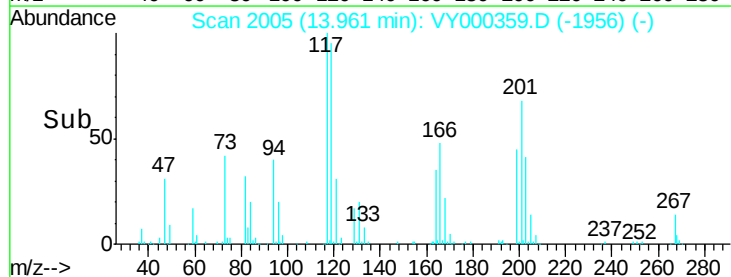
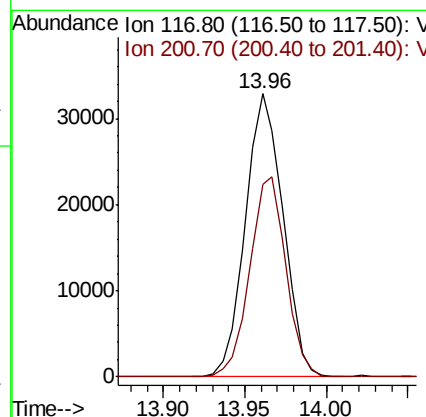
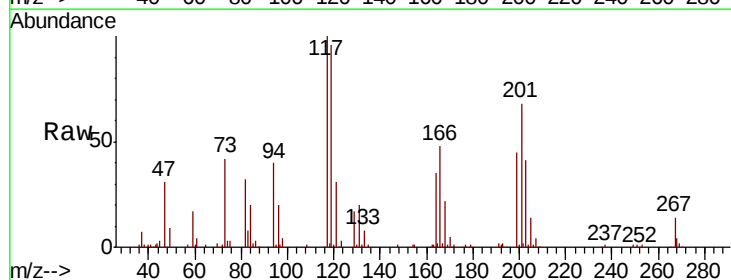
Manual Integrations
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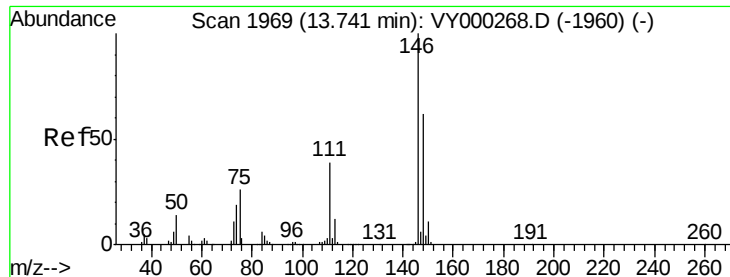
MMDadoda
10/24/2019 4:34:04 PM



#90
Hexachloroethane
Concen: 21.370 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	67.9	36.3	108.7





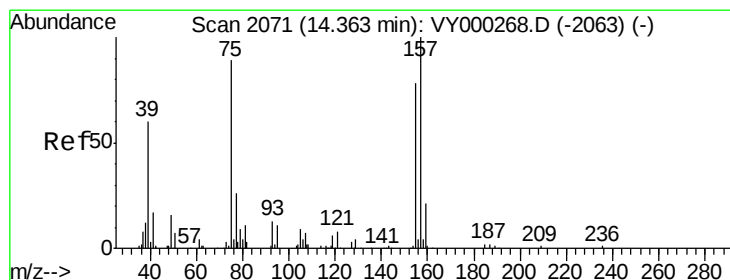
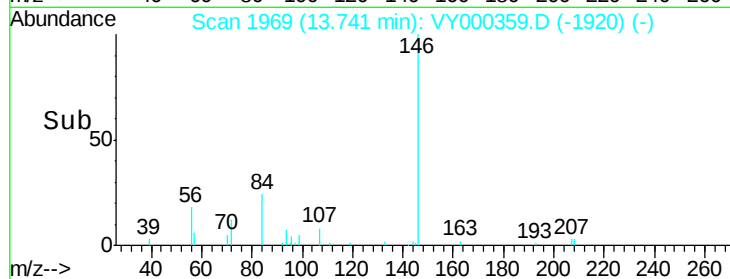
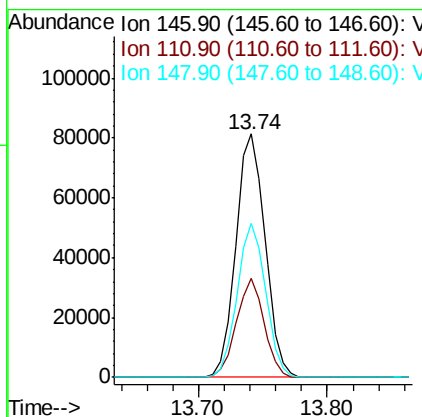
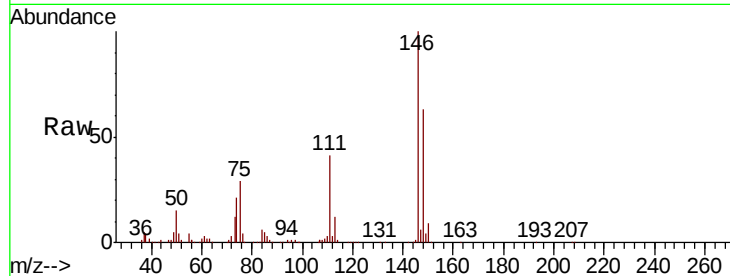
#91
 1,2-Dichlorobenzene
 Concen: 21.641 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	20.5	61.5
148	61.6	31.6	95.0

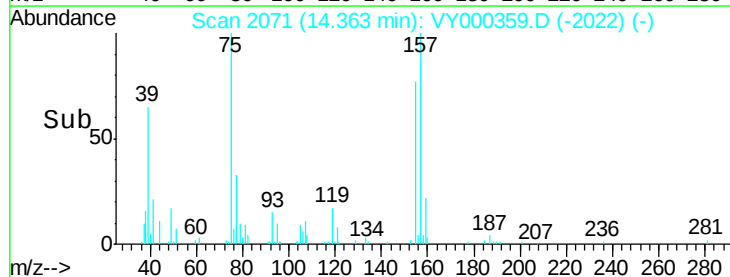
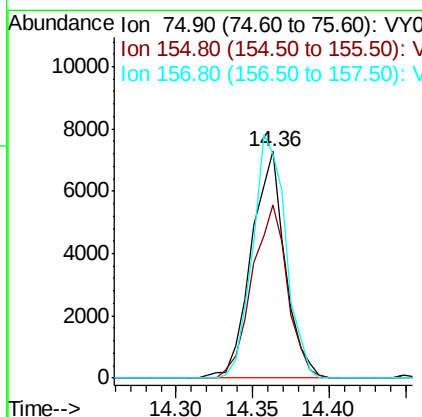
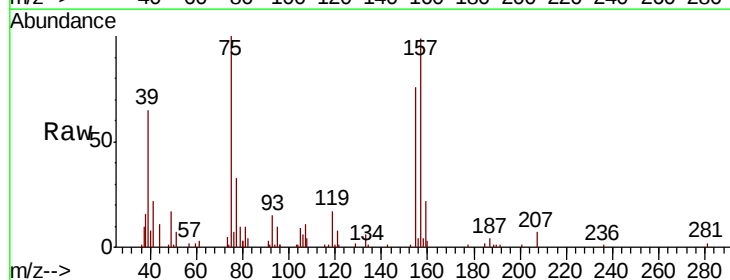
Manual Integrations
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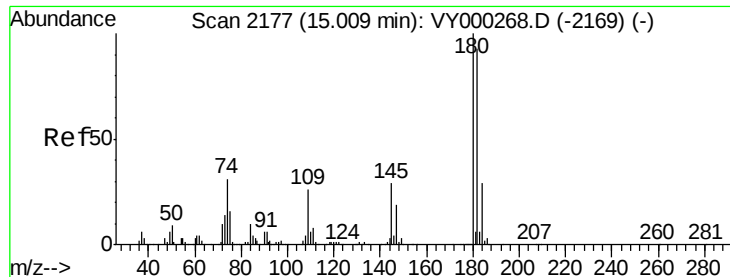
MMDadoda
 10/24/2019 4:34:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.076 ug/l
 RT: 14.36 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.6	45.8	137.3
157	105.6	55.6	166.9





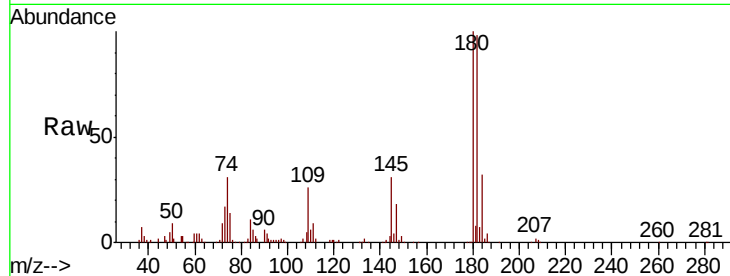
#93
 1,2,4-Trichlorobenzene
 Concen: 21.089 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.2	47.5	142.6	
145	31.3	15.4	46.1	

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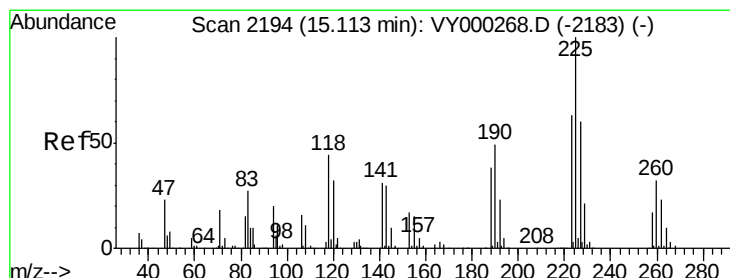
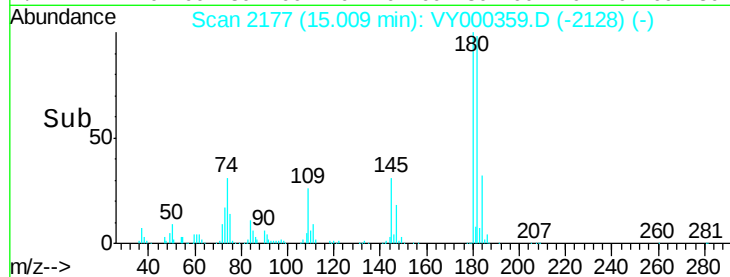
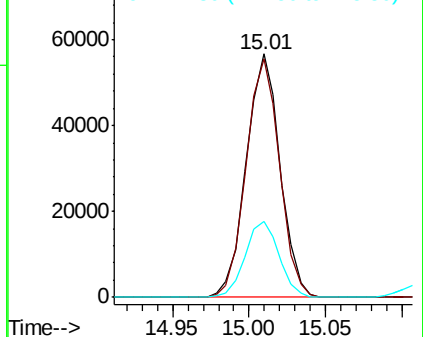


Abundance

Ion 179.80 (179.50 to 180.50): V

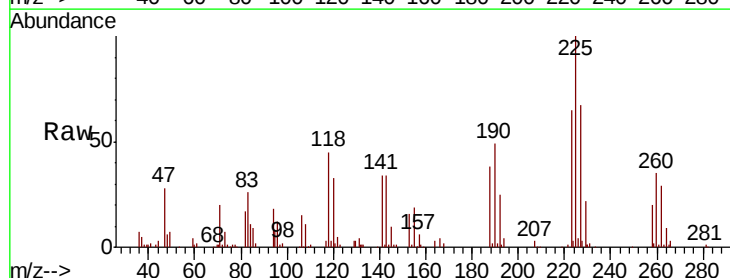
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.920 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000359.D
 Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.5	31.9	95.7	
227	64.9	31.4	94.2	

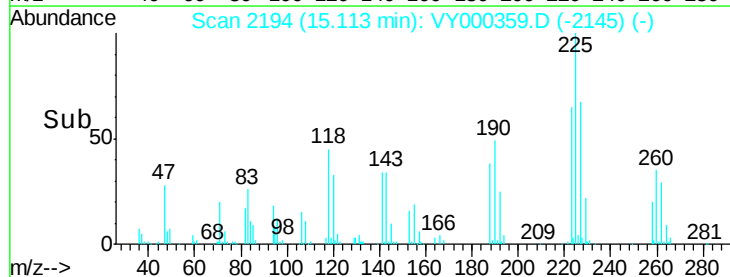
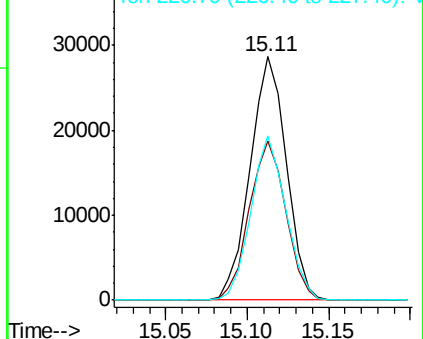


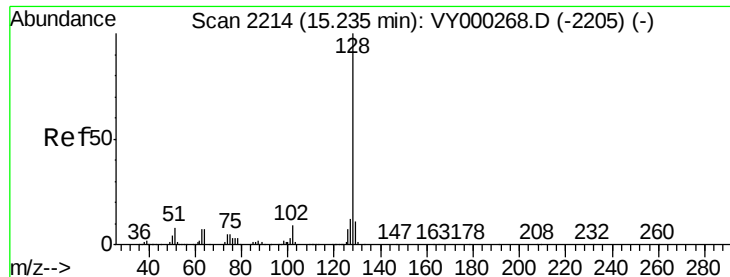
Abundance

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





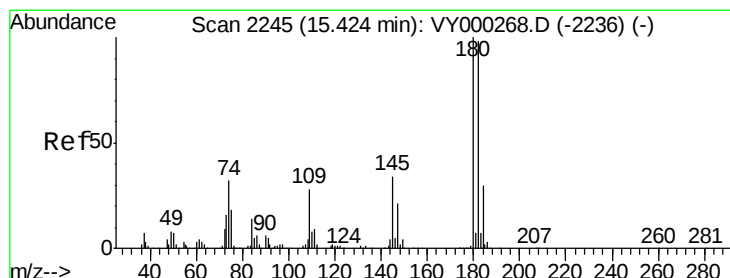
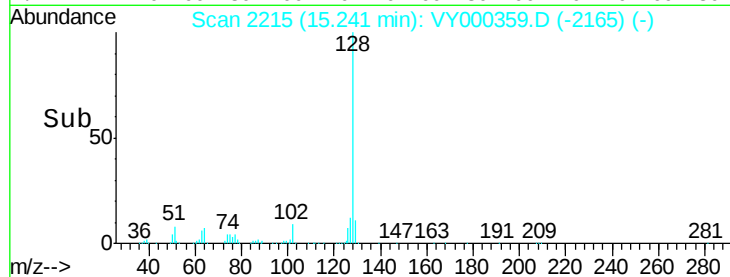
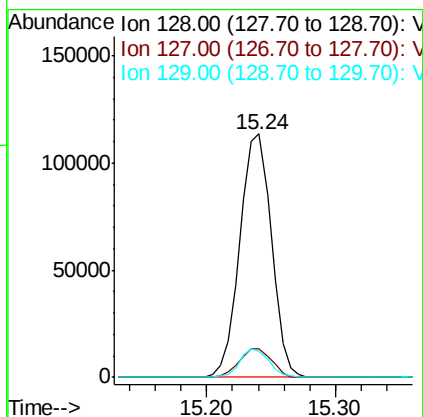
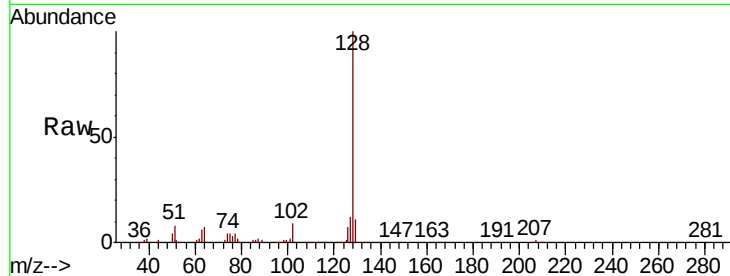
#95
Naphthalene
Concen: 20.966 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	192576		
127	12.1		9.6	14.4
129	10.8		8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 21.589 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY000359.D
Acq: 22 Oct 2019 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80083		
182	94.1		46.5	139.5
145	31.2		16.2	48.5

