

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112719\
 Data File : VY000816.D
 Acq On : 27 Nov 2019 14:12
 Operator : SY/MD
 Sample : VY1127SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/2/2019 11:37:09 AM

Quant Time: Nov 29 05:30:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	333902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	572143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	507956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	239722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	185579	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
35) Dibromofluoromethane	7.72	113	174900	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.18	98	728873	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	
62) 4-Bromofluorobenzene	12.48	95	252672	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	76066	21.163	ug/l	96
3) Chloromethane	2.12	50	91413	20.632	ug/l	99
4) Vinyl Chloride	2.25	62	89497	20.496	ug/l	99
5) Bromomethane	2.65	94	54921	19.331	ug/l	97
6) Chloroethane	2.79	64	56373	21.056	ug/l	99
7) Trichlorofluoromethane	3.13	101	121160	20.246	ug/l	100
8) Diethyl Ether	3.54	74	43597	19.356	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74884	20.263	ug/l	99
10) Methyl Iodide	4.09	142	89035	19.136	ug/l	99
11) Tert butyl alcohol	4.96	59	35545	99.578	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	75802	20.705	ug/l	92
13) Acrolein	3.73	56	40606	115.481	ug/l	96
14) Allyl chloride	4.48	41	125904	20.057	ug/l	100
15) Acrylonitrile	5.17	53	118942	102.268	ug/l	97
16) Acetone	3.95	43	79698	97.921	ug/l	93
17) Carbon Disulfide	4.19	76	242982	20.521	ug/l	99
18) Methyl Acetate	4.49	43	60600	17.807	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	194456	19.888	ug/l	98
20) Methylene Chloride	4.72	84	89887	20.951	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	83473	20.060	ug/l	93
22) Diisopropyl ether	6.13	45	259234	20.092	ug/l #	92
23) Vinyl Acetate	6.07	43	839852	107.074	ug/l	98
24) 1,1-Dichloroethane	6.02	63	143981	20.247	ug/l	99
25) 2-Butanone	7.00	43	151236	100.589	ug/l	96
26) 2,2-Dichloropropane	6.99	77	121074	20.229	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	91265	20.290	ug/l	97
28) Bromochloromethane	7.35	49	34173	14.594	ug/l	91
29) Tetrahydrofuran	7.35	42	103553	103.938	ug/l	98
30) Chloroform	7.52	83	142909	20.033	ug/l	99
31) Cyclohexane	7.78	56	151927	20.168	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	119352	20.261	ug/l	98
36) 1,1-Dichloropropene	7.93	75	117323	20.623	ug/l	99
37) Ethyl Acetate	7.08	43	68440	20.835	ug/l	99
38) Carbon Tetrachloride	7.91	117	102386	20.209	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153573	20.376	ug/l	97
40) Benzene	8.17	78	334203	20.169	ug/l	98
41) Methacrylonitrile	7.33	41	32646m	18.857	ug/l	
42) 1,2-Dichloroethane	8.24	62	89501	20.538	ug/l	99
43) Isopropyl Acetate	8.28	43	127401	20.581	ug/l	100
44) Trichloroethene	8.94	130	86632	20.343	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84007	20.183	ug/l	93
46) Dibromomethane	9.31	93	44674	20.542	ug/l	98
47) Bromodichloromethane	9.50	83	103668	20.292	ug/l	99
48) Methyl methacrylate	9.30	41	56109	20.613	ug/l	99
49) 1,4-Dioxane	9.30	88	12899	418.604	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	330533	103.347	ug/l	100
52) Toluene	10.25	92	210476	20.515	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	112334	20.466	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	132013	20.348	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	64628	20.114	ug/l	97
56) Ethyl methacrylate	10.51	69	94261	20.508	ug/l	96
57) 1,3-Dichloropropane	10.79	76	115725	20.665	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	195725	105.609	ug/l	100
59) 2-Hexanone	10.83	43	239379	102.714	ug/l	99
60) Dibromochloromethane	10.99	129	68430	19.784	ug/l	97
61) 1,2-Dibromoethane	11.09	107	61897	20.441	ug/l	98
64) Tetrachloroethene	10.72	164	88960	20.157	ug/l	96
65) Chlorobenzene	11.52	112	216895	20.542	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	73105	20.545	ug/l	98
67) Ethyl Benzene	11.59	91	403975	20.544	ug/l	98
68) m/p-Xylenes	11.70	106	304229	41.219	ug/l	99
69) o-Xylene	12.03	106	142221	20.666	ug/l	99
70) Styrene	12.04	104	244599	20.757	ug/l	99
71) Bromoform	12.20	173	40894	20.377	ug/l #	97
73) Isopropylbenzene	12.33	105	385083	20.175	ug/l	100
74) N-amyl acetate	12.14	43	107894	20.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	77171	20.519	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	56445m	20.782	ug/l	
77) Bromobenzene	12.61	156	82065	19.835	ug/l	96
78) n-propylbenzene	12.67	91	476809	20.459	ug/l	100
79) 2-Chlorotoluene	12.75	91	262327	20.374	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	325524	20.598	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27930	20.200	ug/l	95
82) 4-Chlorotoluene	12.85	91	273654	20.630	ug/l	98
83) tert-Butylbenzene	13.07	119	271069	20.401	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	329583	20.845	ug/l	100
85) sec-Butylbenzene	13.25	105	398977	20.647	ug/l	99
86) p-Isopropyltoluene	13.37	119	351986	20.942	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	167573	20.646	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	169480	21.089	ug/l	99
89) n-Butylbenzene	13.69	91	355518	20.921	ug/l	100
90) Hexachloroethane	13.96	117	63310	20.448	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	151521	20.754	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12985	20.623	ug/l	95

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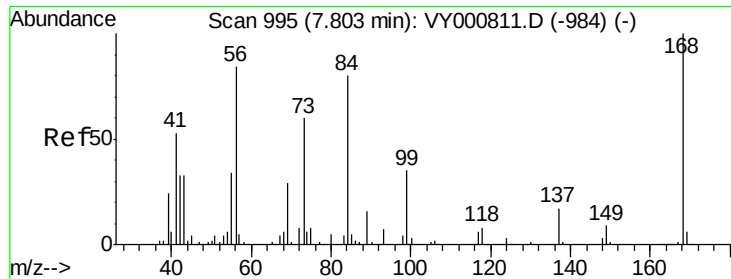
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	106148	21.487	ug/l	97
94) Hexachlorobutadiene	15.11	225	51163	20.889	ug/l	98
95) Naphthalene	15.23	128	242294	21.122	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	94583	21.434	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:168 Resp: 333902

Ion Ratio Lower Upper

168 100

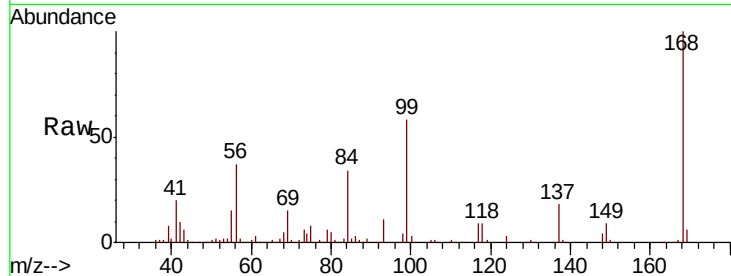
99 58.0 45.0 67.6

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Abundance Ion 167.90 (167.60 to 168.60): VY000811.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000811.D (-984) (-)

7.80

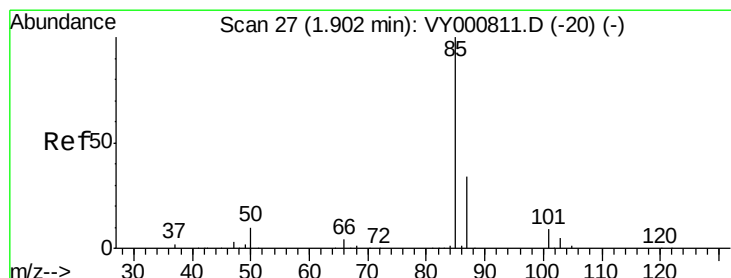
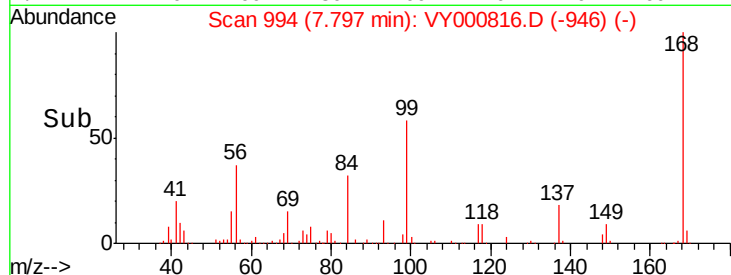
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.163 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000816.D

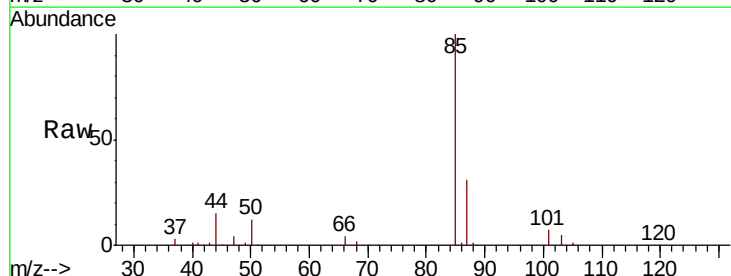
Acq: 27 Nov 2019 14:12

Tgt Ion: 85 Resp: 76066

Ion Ratio Lower Upper

85 100

87 31.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VY000811.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000811.D (-20) (-)

1.90

50000

40000

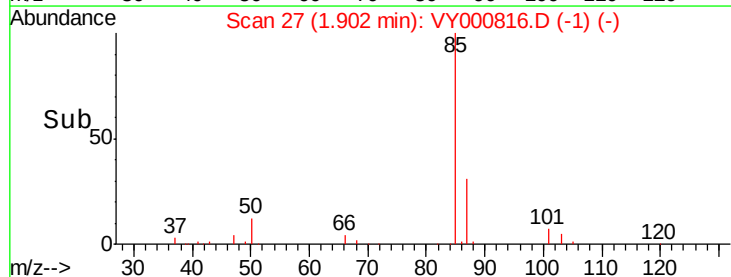
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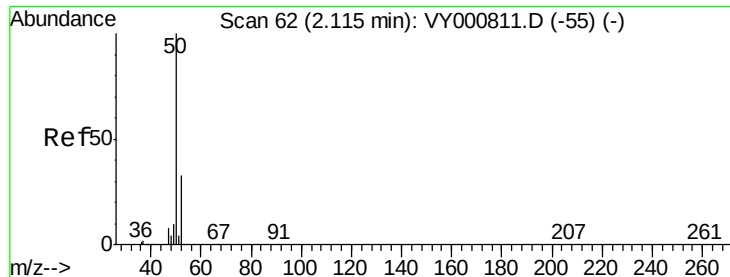
20000

10000

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Time-->





#3

Chloromethane

Concen: 20.632 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 50 Resp: 91413

Ion Ratio Lower Upper

50 100

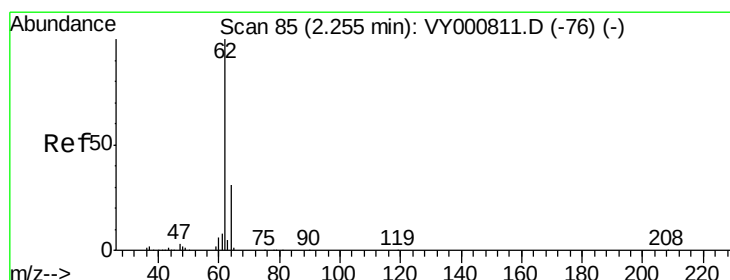
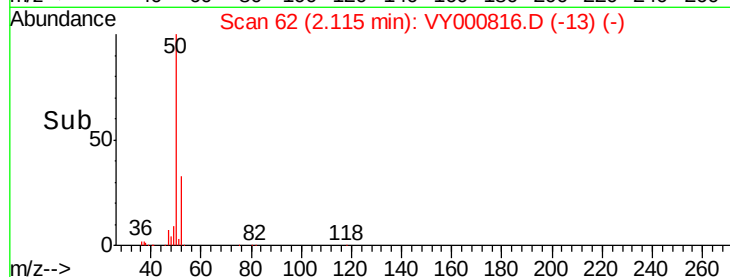
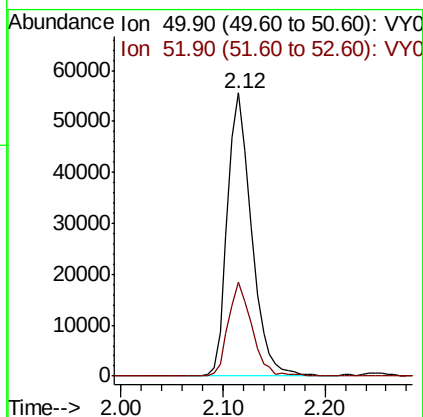
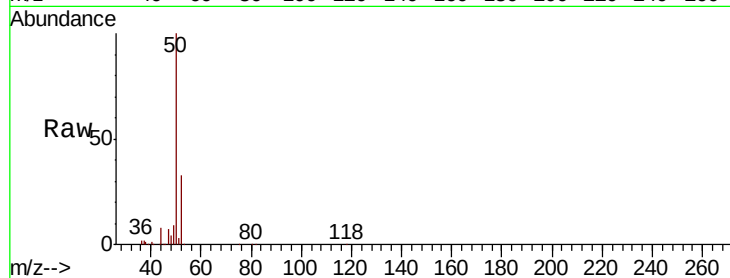
52 33.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.496 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000816.D

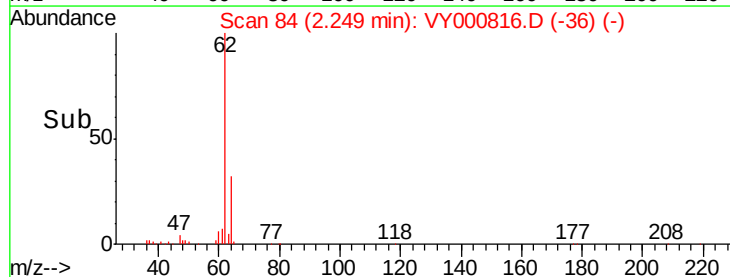
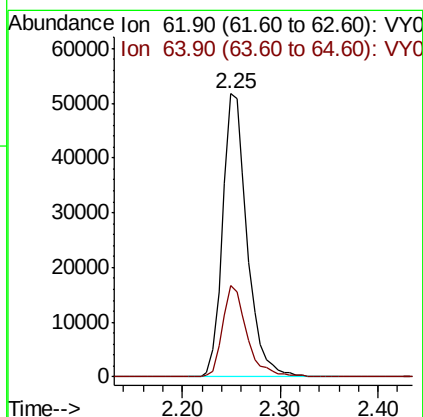
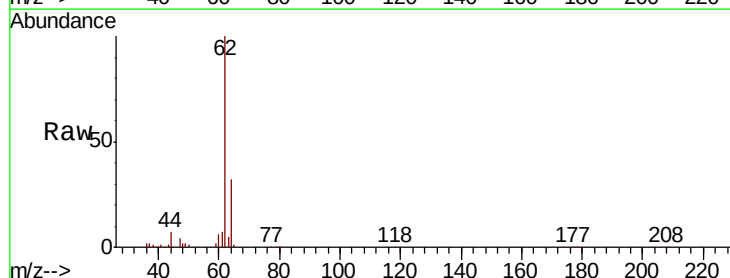
Acq: 27 Nov 2019 14:12

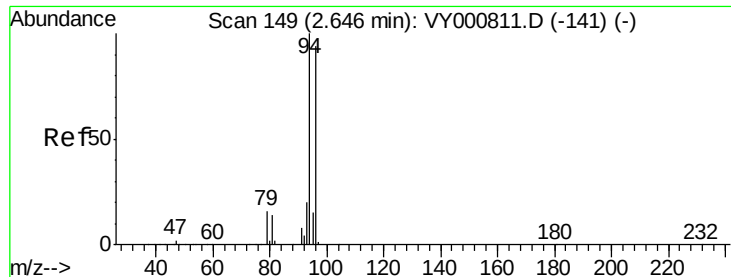
Tgt Ion: 62 Resp: 89497

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 19.331 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 94 Resp: 54921

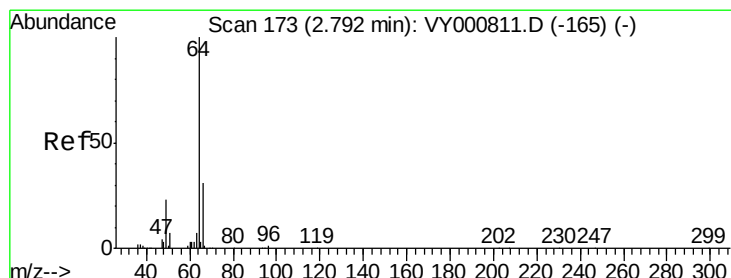
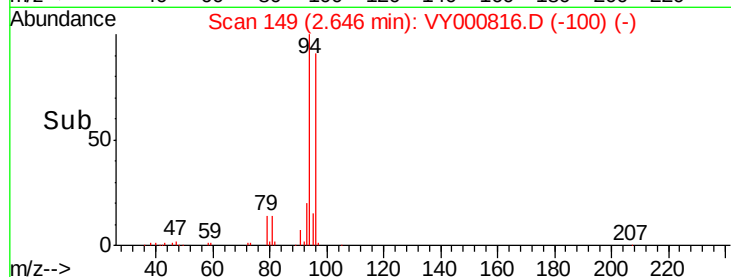
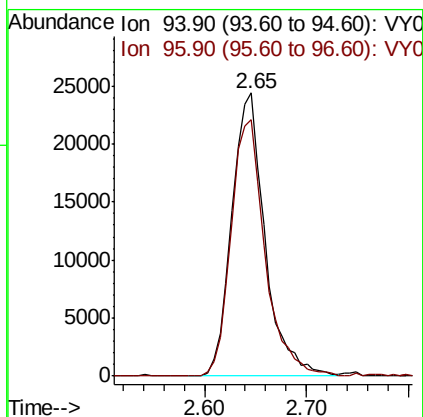
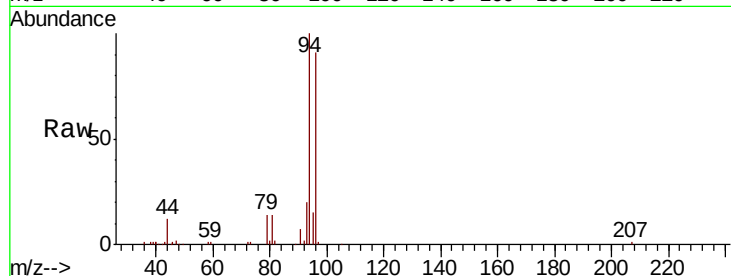
Ion Ratio Lower Upper

94 100

96 90.6 75.2 112.8

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#6

Chloroethane

Concen: 21.056 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000816.D

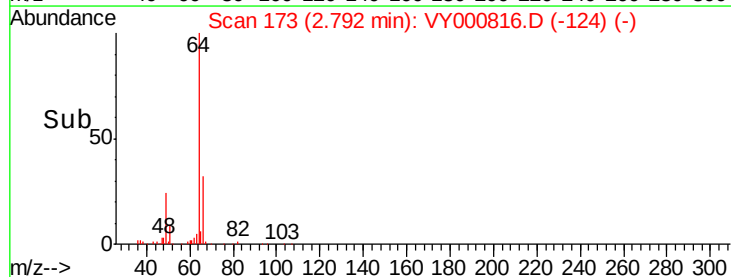
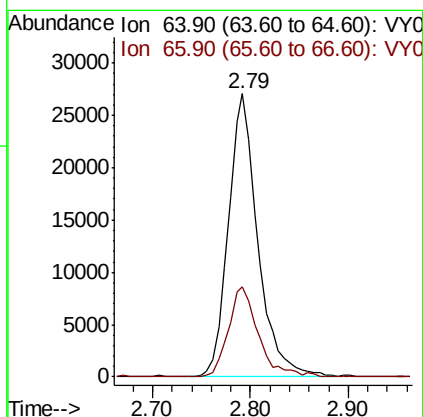
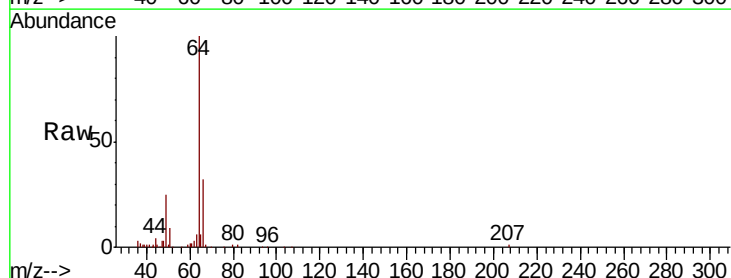
Acq: 27 Nov 2019 14:12

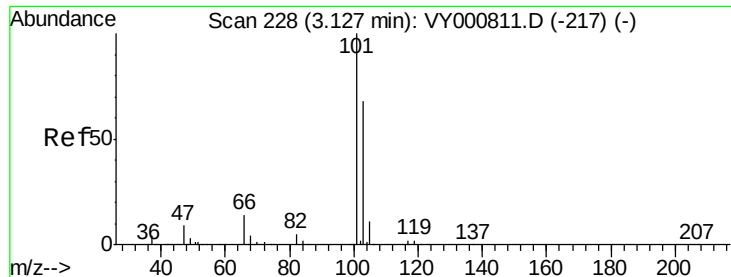
Tgt Ion: 64 Resp: 56373

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.4





#7

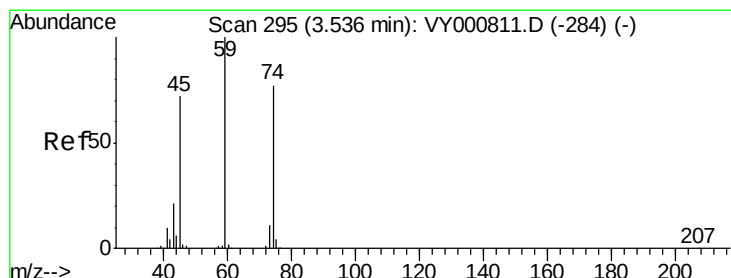
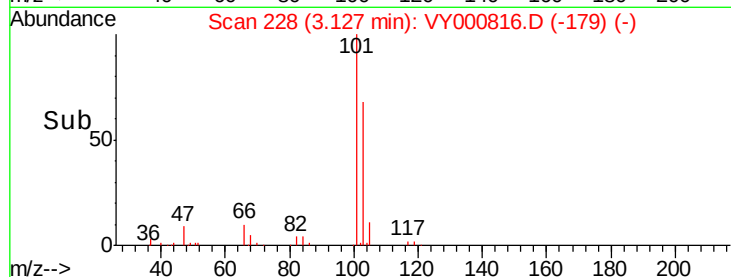
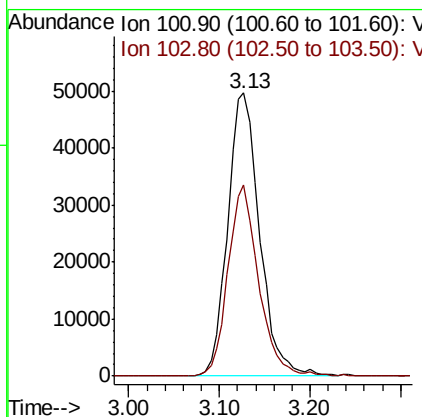
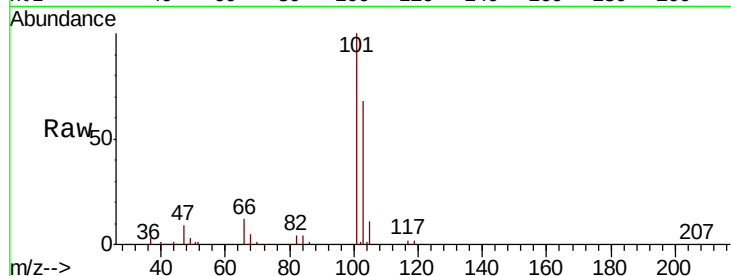
Trichlorofluoromethane
 Concen: 20.246 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

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 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	121160		
103	67.6	54.2	81.2	

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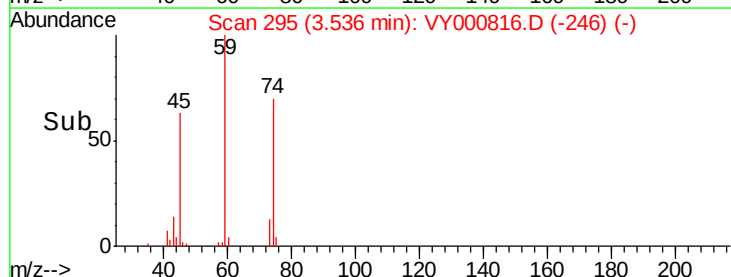
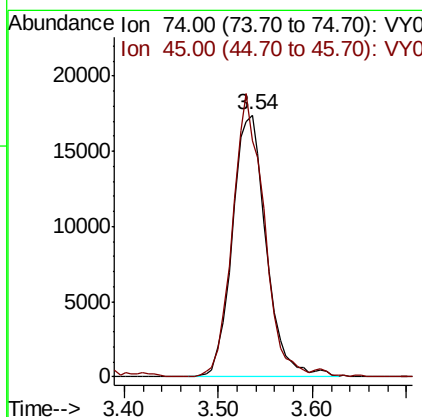
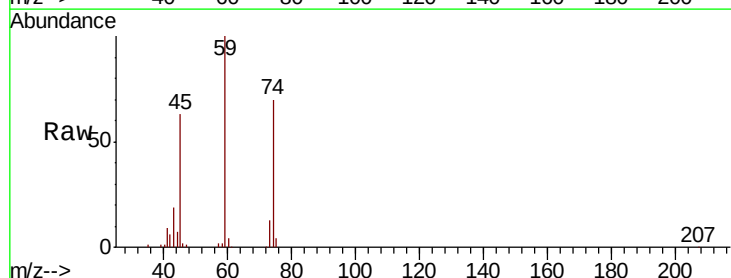
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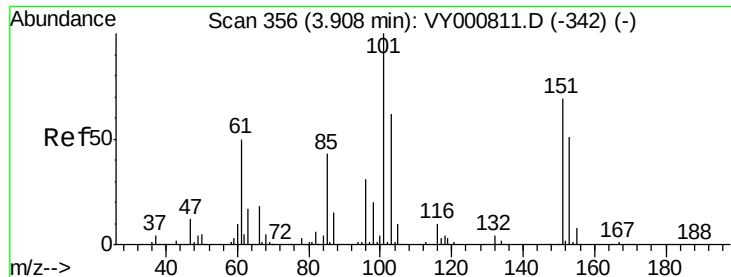


#8

Diethyl Ether
 Concen: 19.356 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43597		
45	100.2	49.0	147.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.263 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

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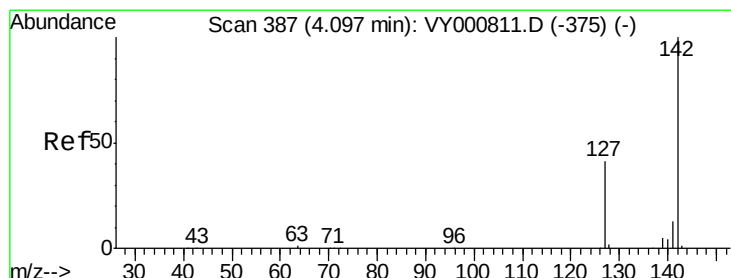
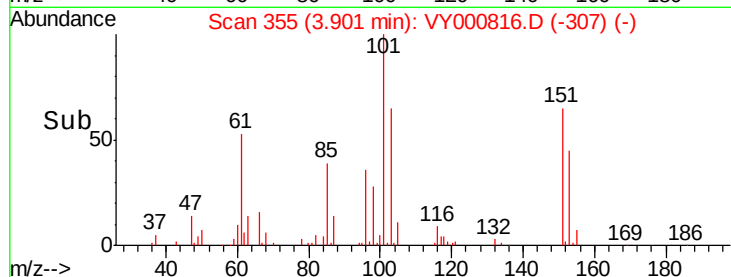
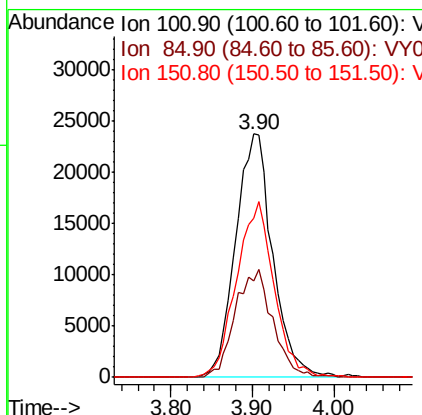
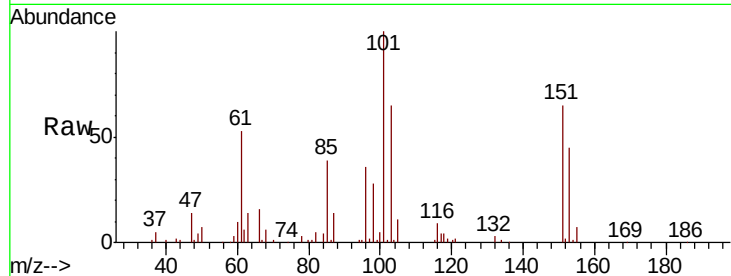
ClientSampleId :

VY1127SBS01

Tot Ion:	101	Resp:	74884
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.0	54.0
151	73.3	58.2	87.2

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#10

Methyl Iodide

Concen: 19.136 ug/l

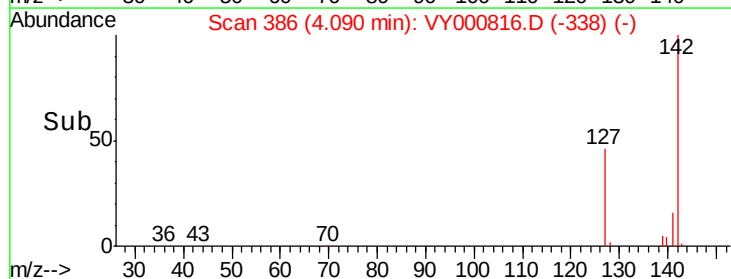
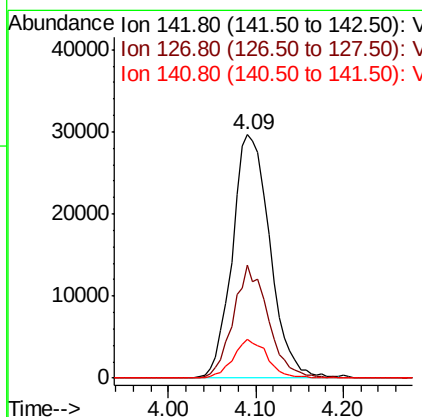
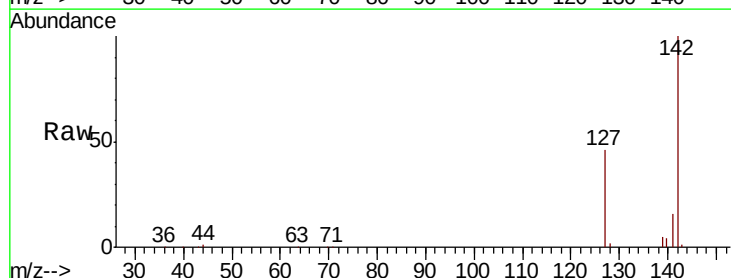
RT: 4.09 min Scan# 386

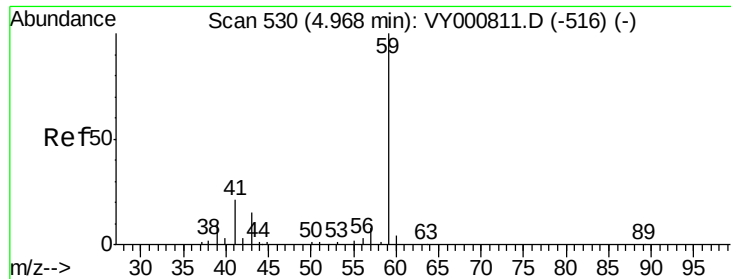
Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion:	142	Resp:	89035
Ion Ratio	Lower	Upper	
142	100		
127	43.0	33.8	50.8
141	14.4	10.9	16.3





#11

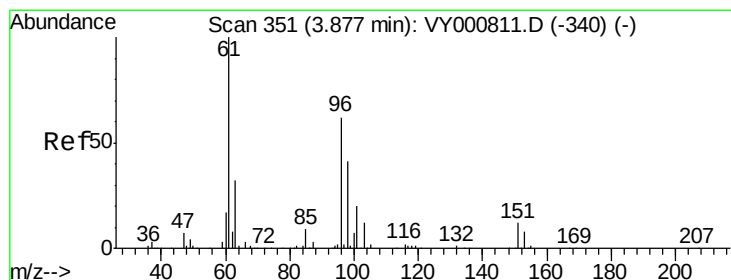
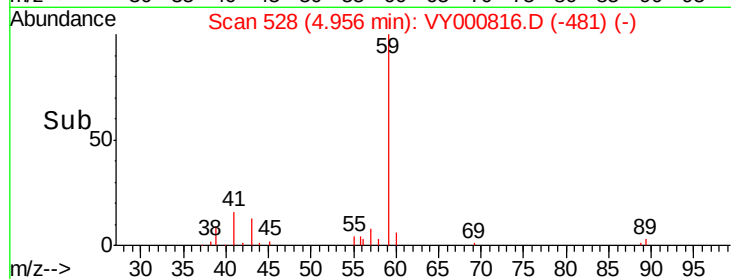
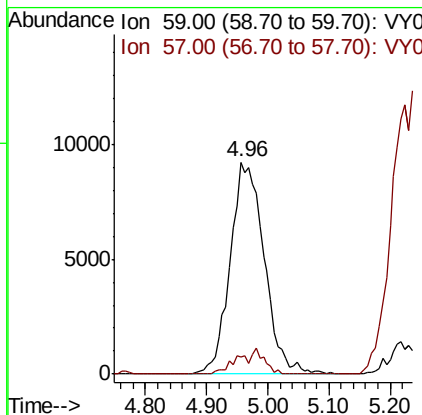
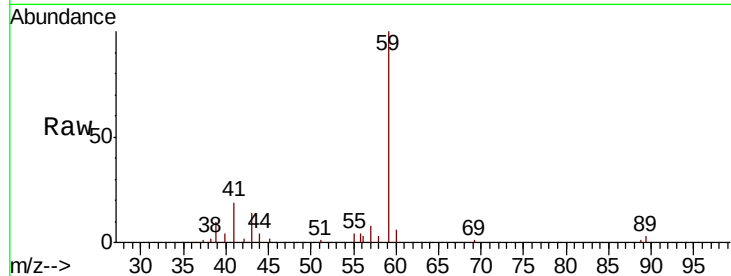
Tert butyl alcohol
 Concen: 99.578 ug/l
 RT: 4.96 min Scan# 528
 Delta R.T. -0.01 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.6	7.8	11.6#

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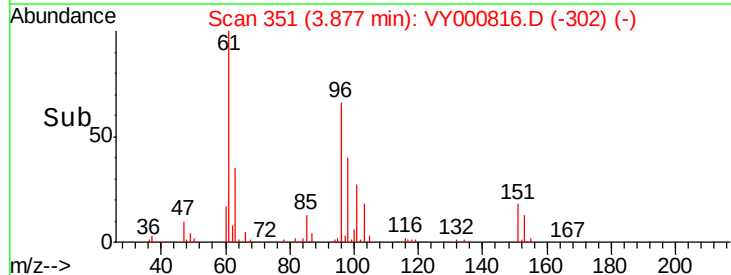
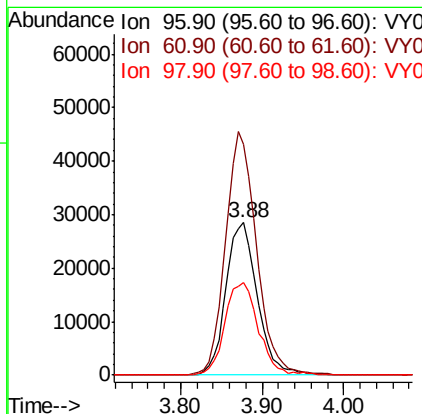
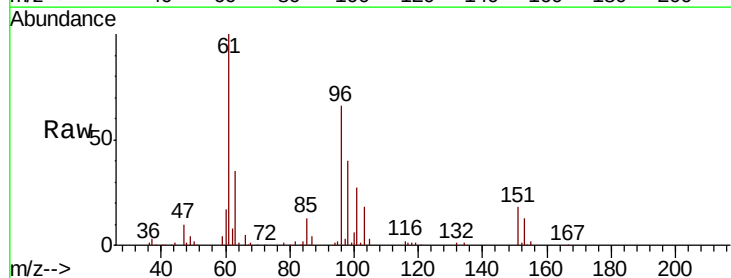
MMDadoda
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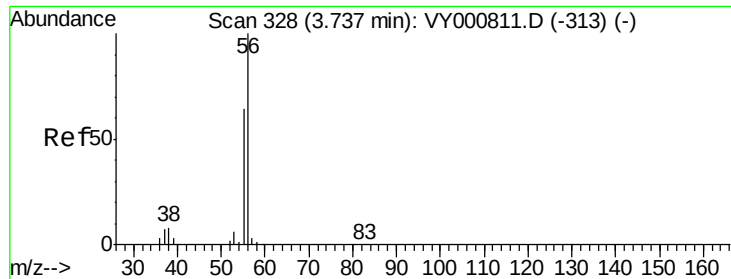


#12

1,1-Dichloroethene
 Concen: 20.705 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.4	129.4	194.2
98	61.1	53.4	80.0





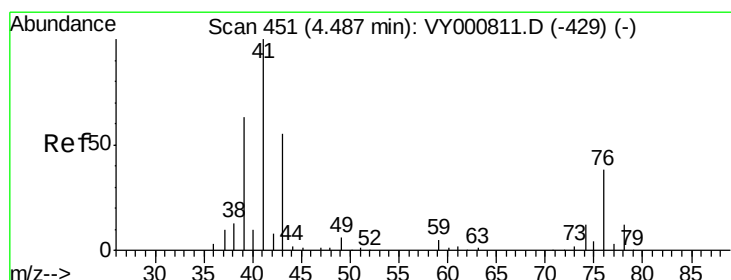
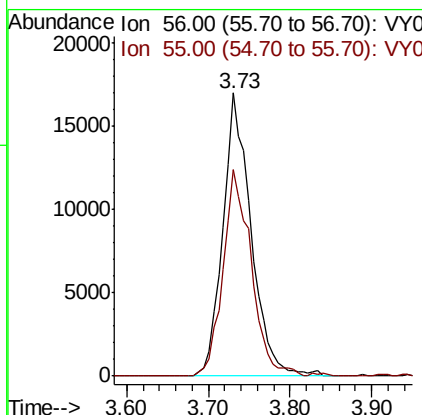
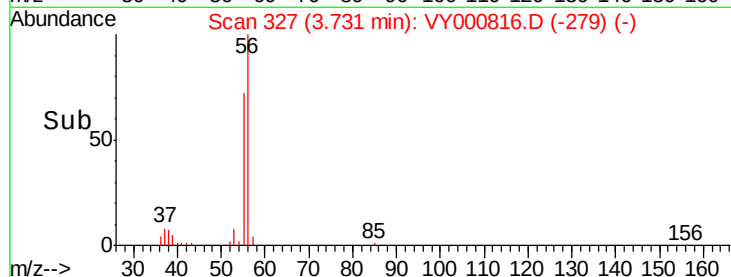
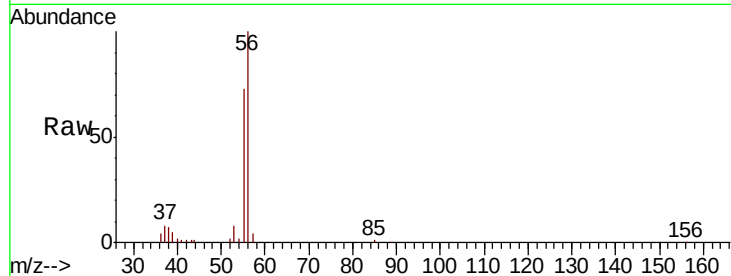
#13
Acrolein
Concen: 115.481 ug/l
RT: 3.73 min Scan# 327
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	56	Resp	40606
Ion Ratio	100	Lower	Upper
55	72.8	55.7	83.5

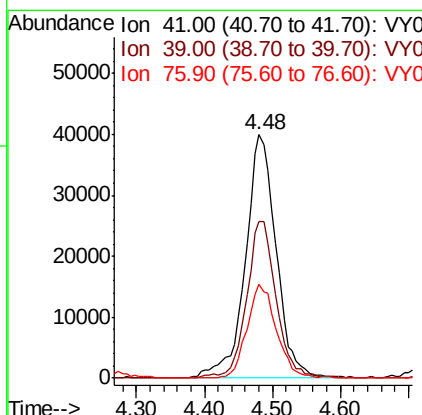
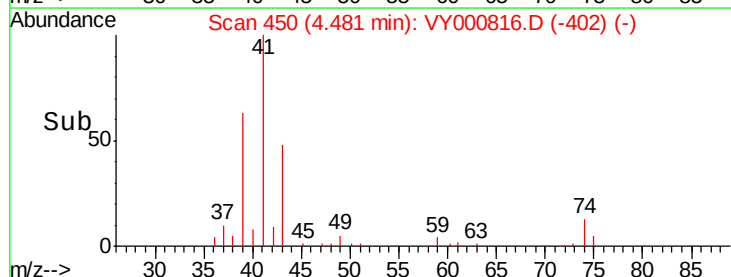
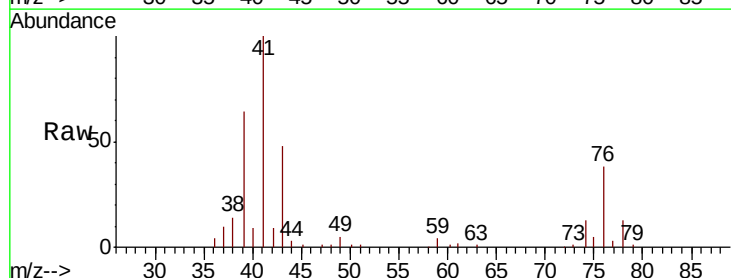
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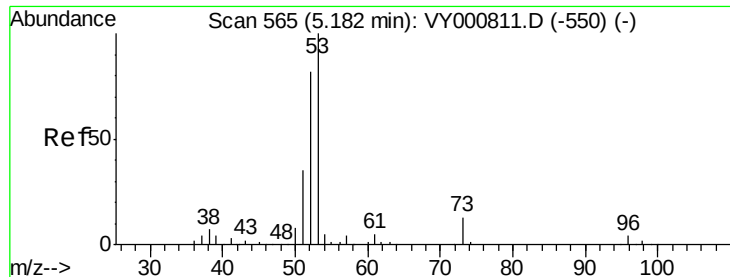
MMDadoda
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#14
Allyl chloride
Concen: 20.057 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	41	Resp	125904
Ion Ratio	100	Lower	Upper
39	61.5	49.2	73.8
76	36.6	29.2	43.8





#15

Acrylonitrile

Concen: 102.268 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

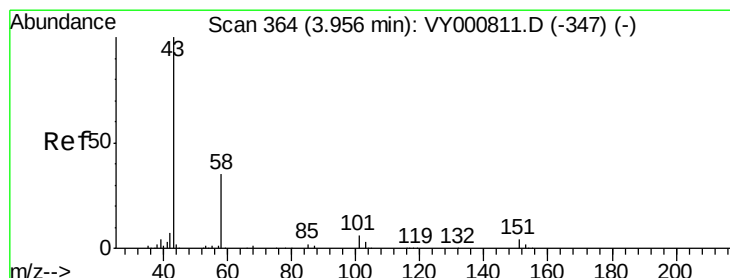
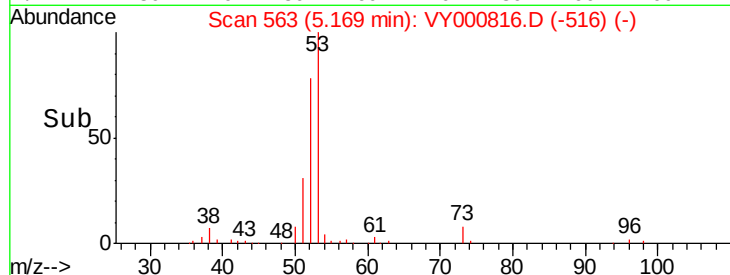
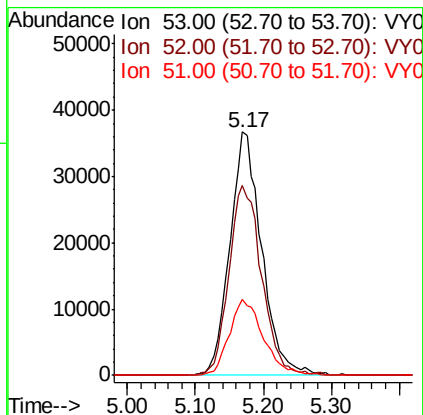
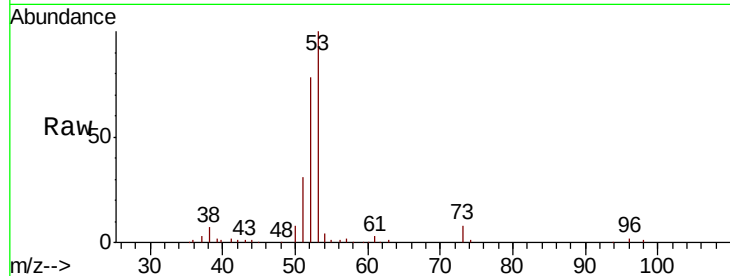
ClientSampleId :

VY1127SBS01

Tot Ion:	53	Resp:	118942
Ion Ratio	Lower	Upper	
53	100		
52	79.9	65.1	97.7
51	33.2	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 97.921 ug/l

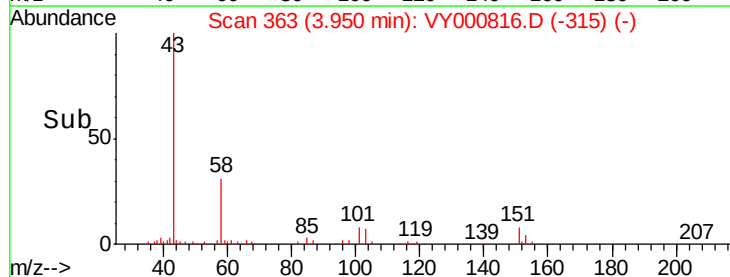
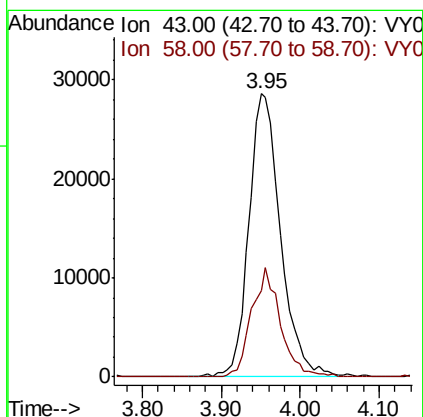
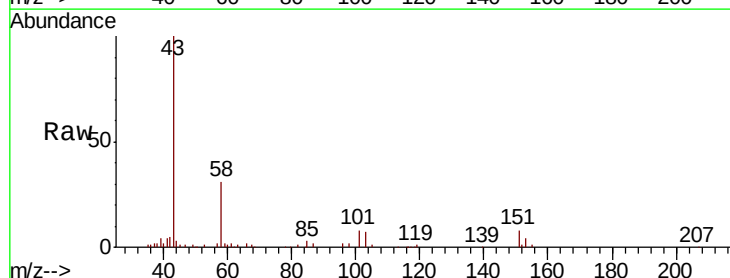
RT: 3.95 min Scan# 363

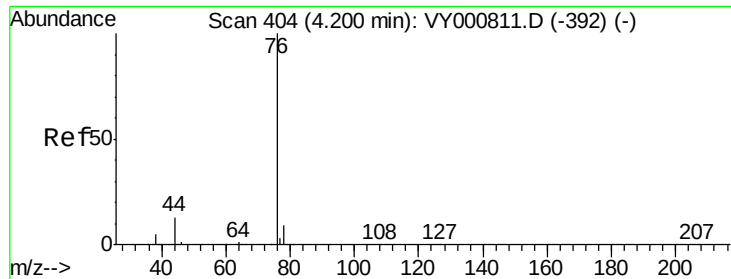
Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion:	43	Resp:	79698
Ion Ratio	Lower	Upper	
43	100		
58	30.7	28.0	42.0





#17

Carbon Disulfide

Concen: 20.521 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 76 Resp: 242982

Ion Ratio Lower Upper

76 100

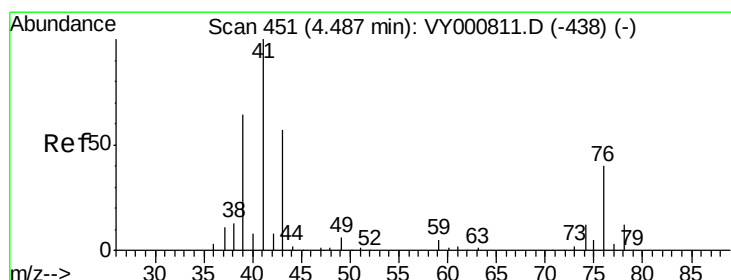
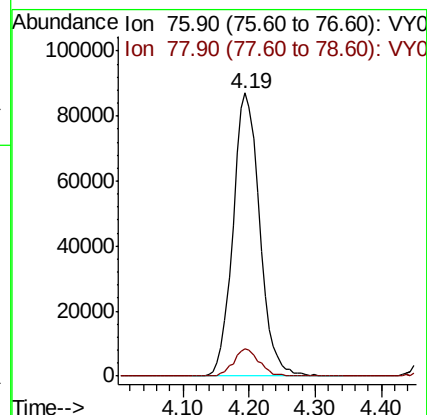
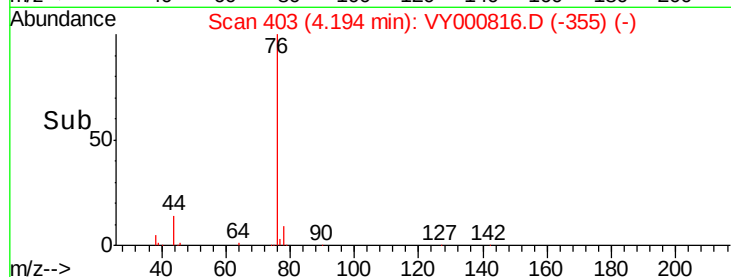
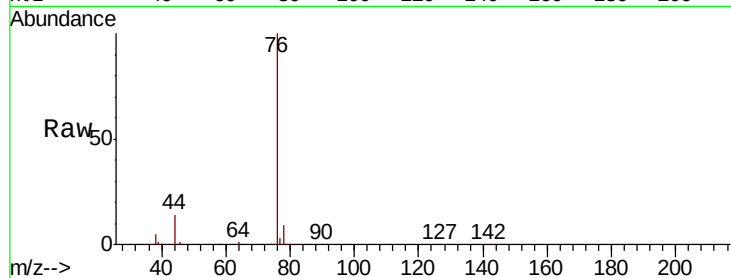
78 9.5 7.3 10.9

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#18

Methyl Acetate

Concen: 17.807 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000816.D

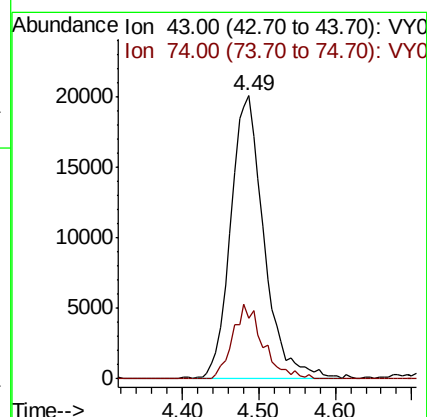
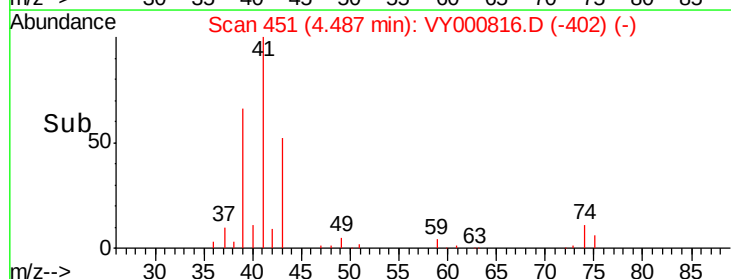
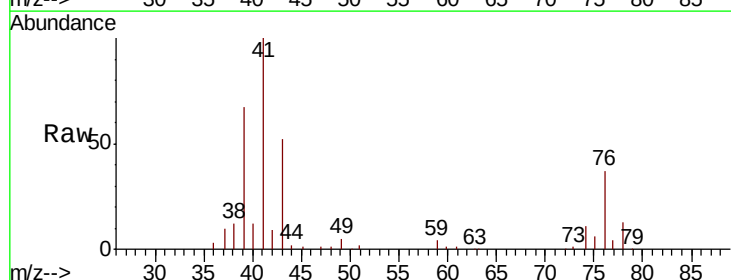
Acq: 27 Nov 2019 14:12

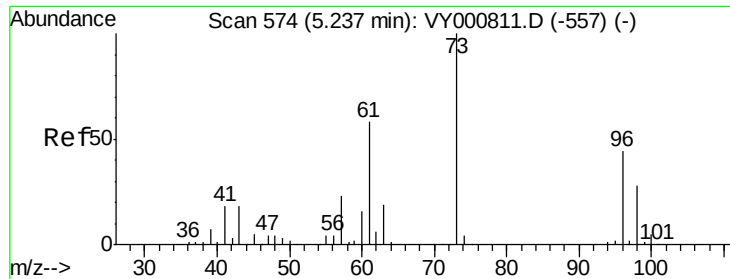
Tgt Ion: 43 Resp: 60600

Ion Ratio Lower Upper

43 100

74 24.0 18.5 27.7





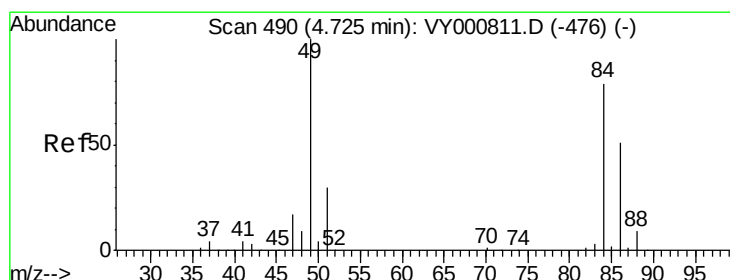
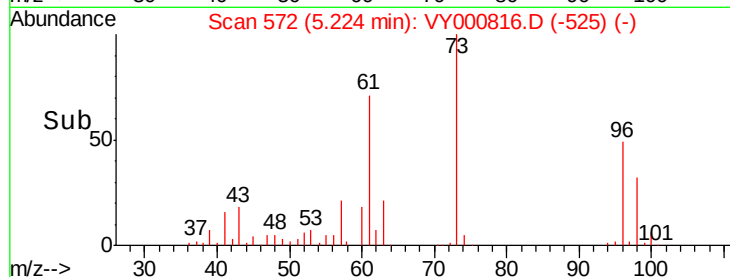
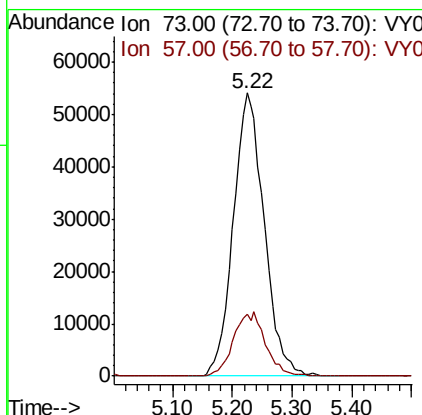
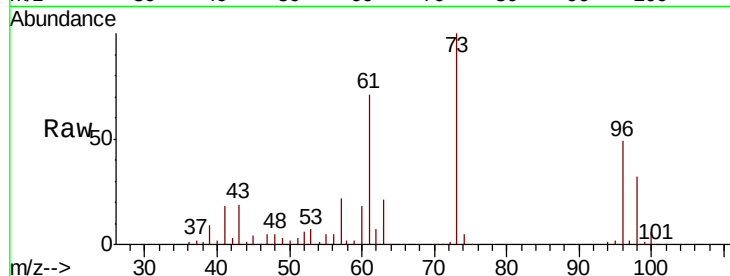
#19
Methyl tert-butyl Ether
Concen: 19.888 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion: 73 Resp: 194456
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4

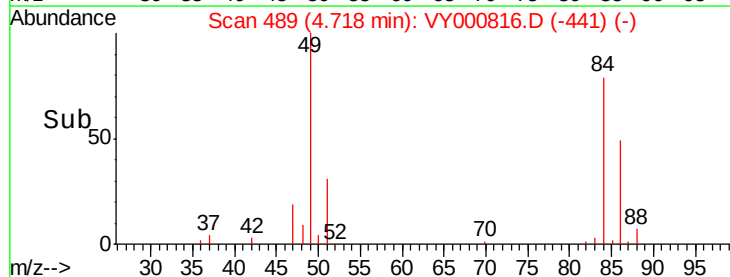
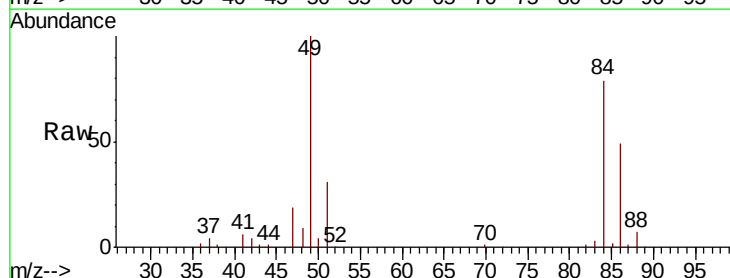
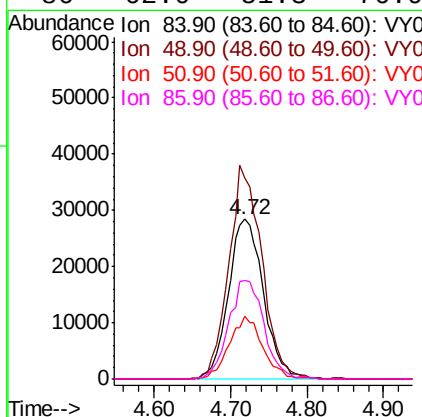
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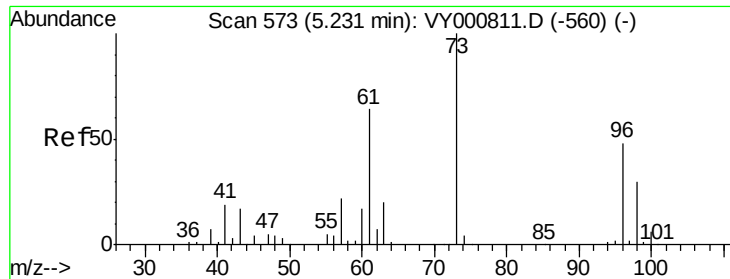
MMDadoda
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#20
Methylene Chloride
Concen: 20.951 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 84 Resp: 89887
Ion Ratio Lower Upper
84 100
49 126.0 101.3 151.9
51 39.4 30.6 45.8
86 62.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.060 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 96 Resp: 83473

Ion Ratio Lower Upper

96 100

61 142.8 105.9 158.9

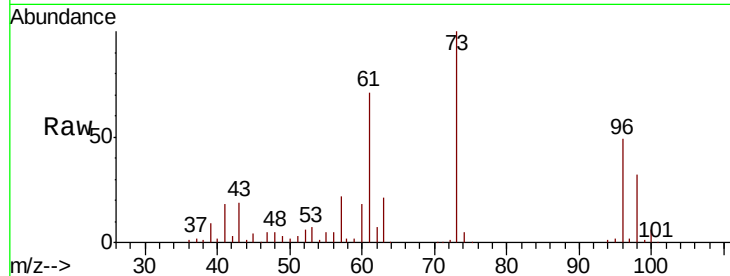
98 65.4 49.4 74.2

Manual Integrations

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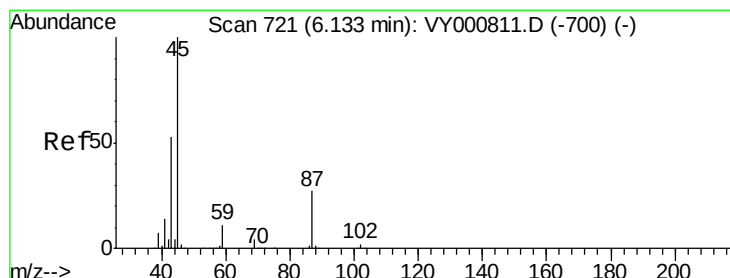
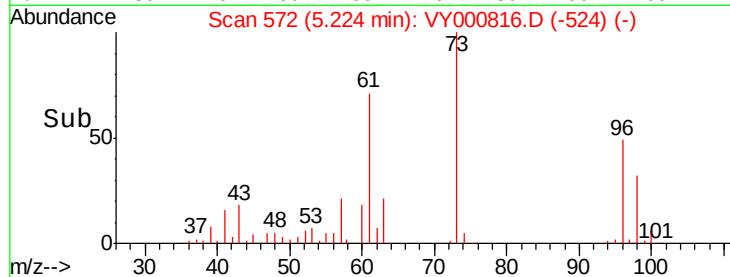
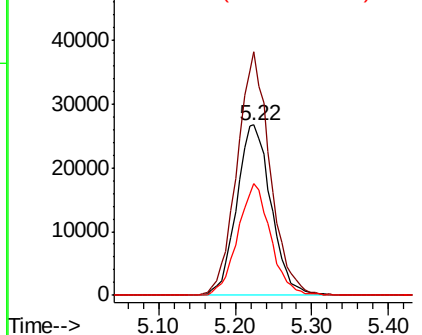


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.092 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion: 45 Resp: 259234

Ion Ratio Lower Upper

45 100

43 61.4 42.7 64.1

87 28.4 22.0 33.0

59 13.4 8.9 13.3#

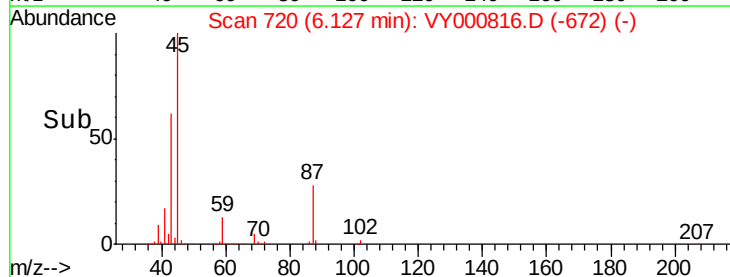
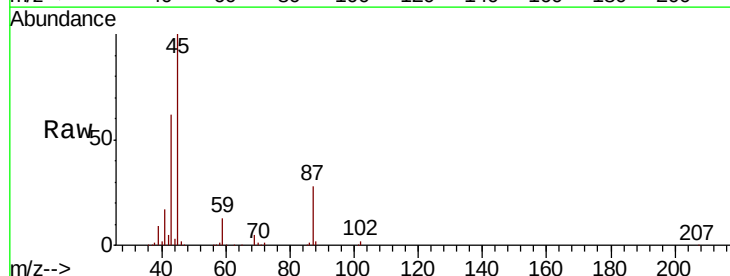
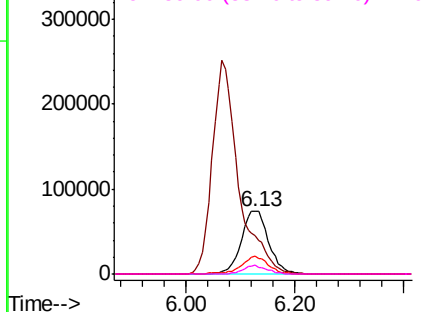
Abundance

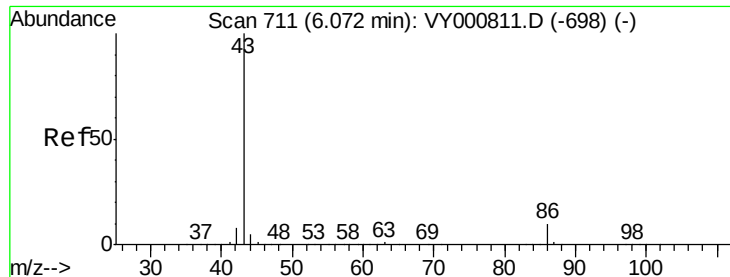
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 107.074 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 43 Resp: 839852

Ion Ratio Lower Upper

43 100

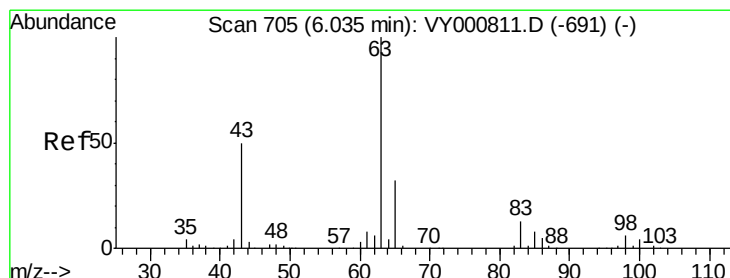
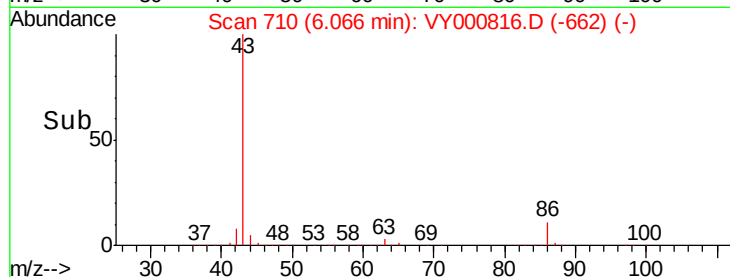
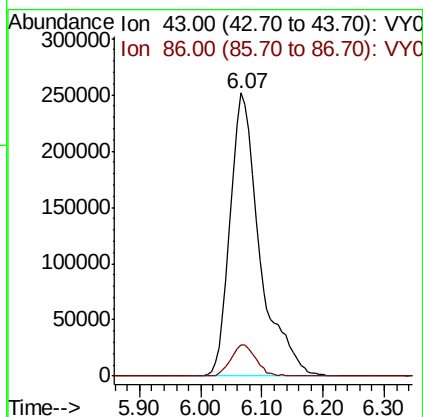
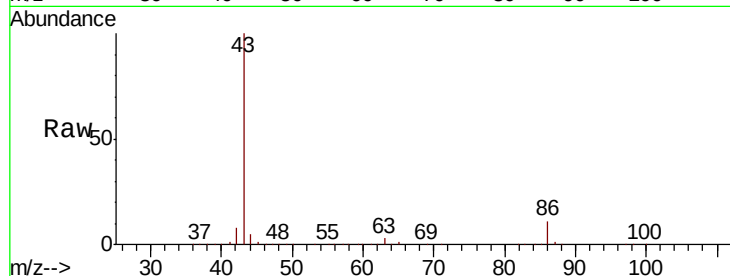
86 11.2 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 20.247 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

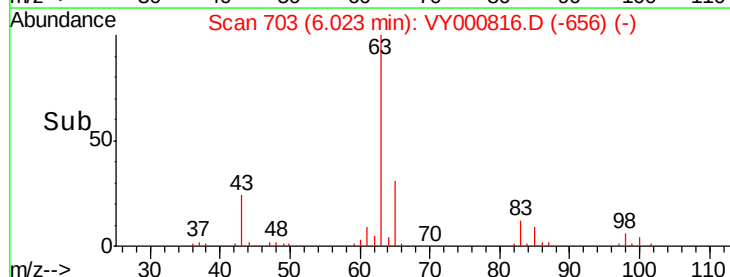
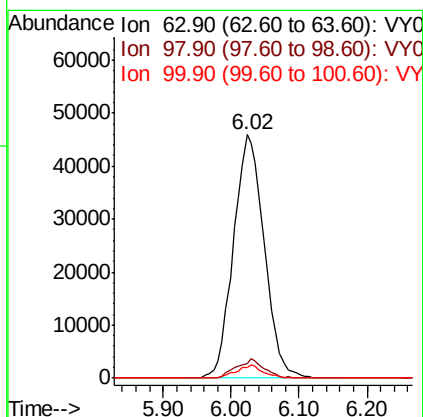
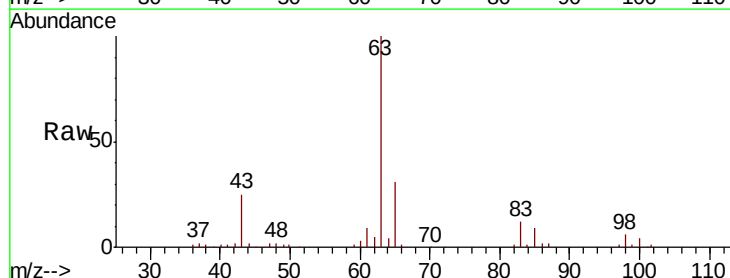
Tgt Ion: 63 Resp: 143981

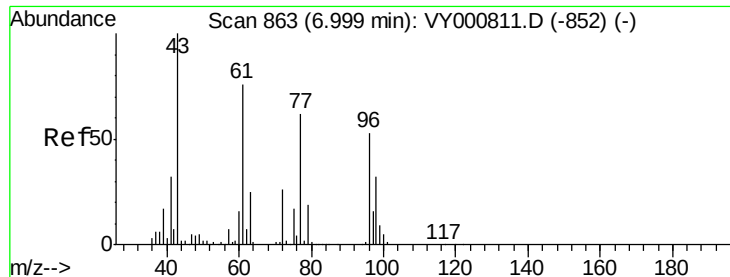
Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 100.589 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 43 Resp: 151236

Ion Ratio Lower Upper

43 100

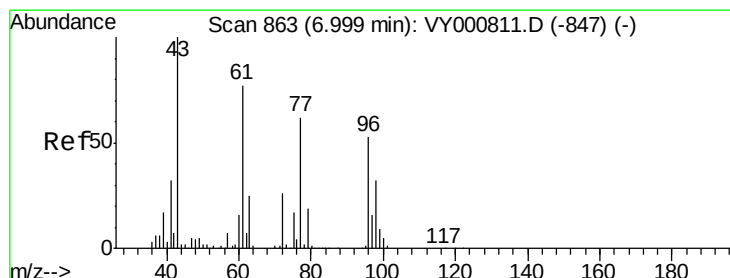
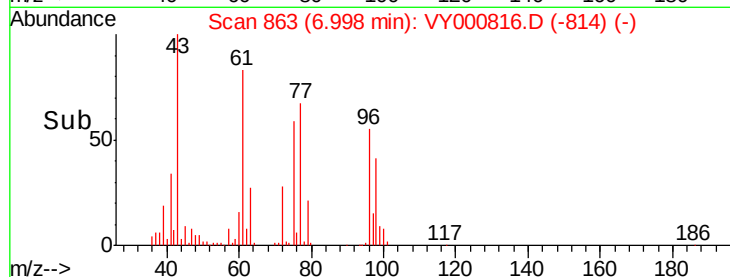
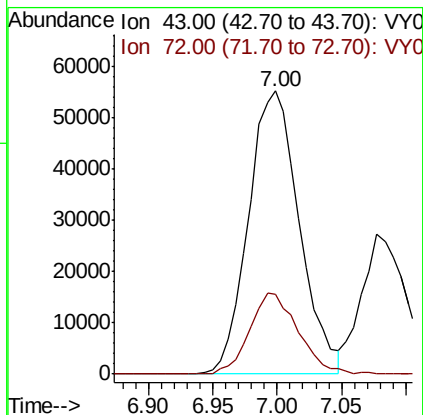
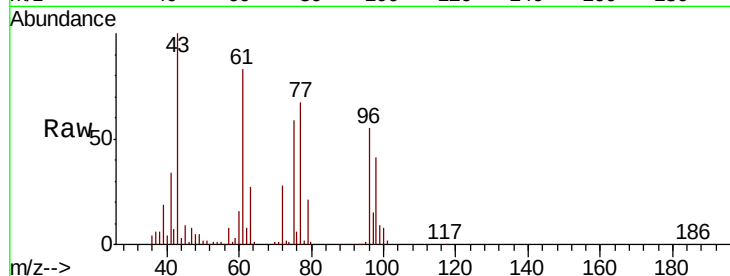
72 28.4 21.0 31.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.229 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000816.D

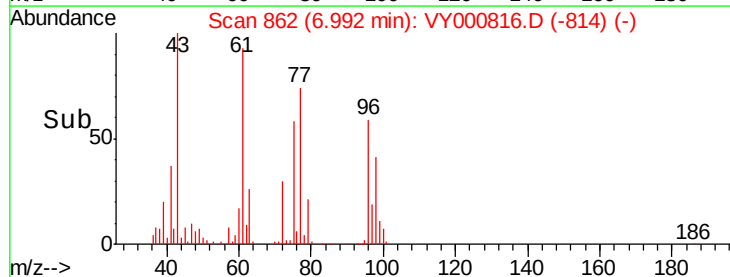
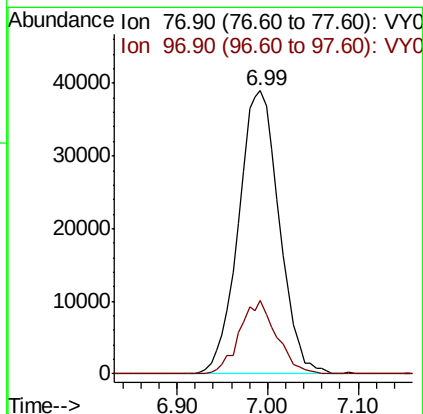
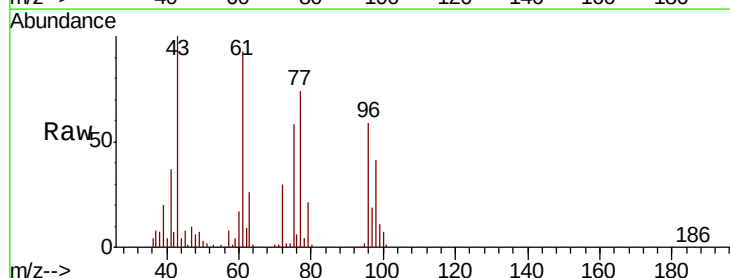
Acq: 27 Nov 2019 14:12

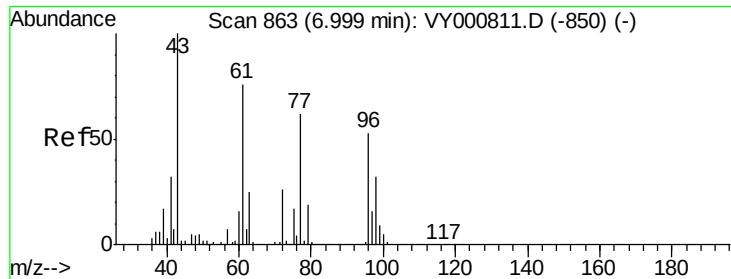
Tgt Ion: 77 Resp: 121074

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.9





#27

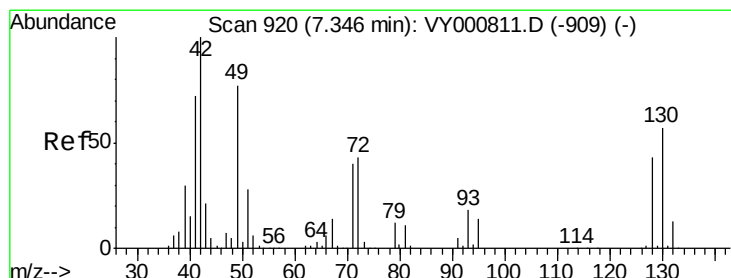
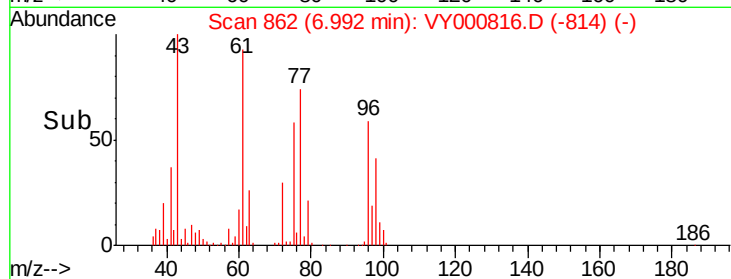
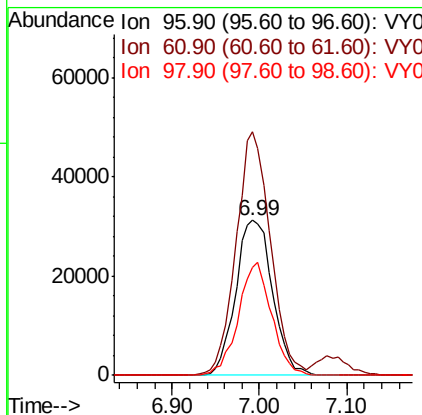
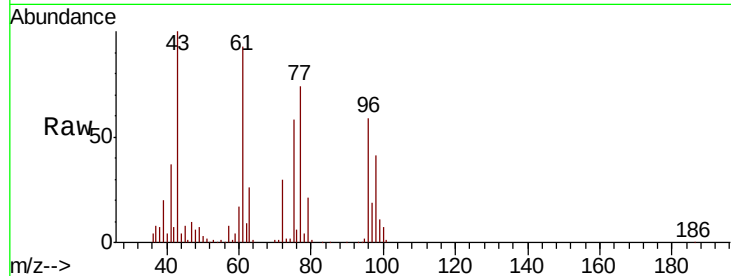
cis-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	285.0
98	65.8	0.0	128.0

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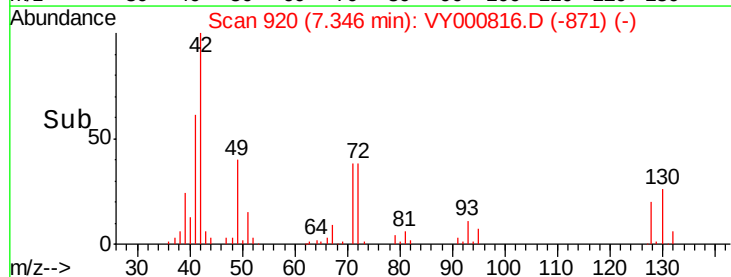
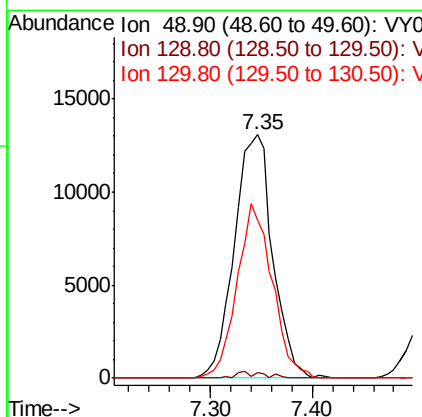
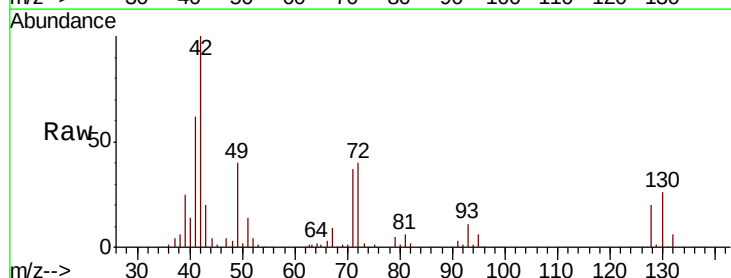
MMDadoda
12/2/2019 11:37:09 AM

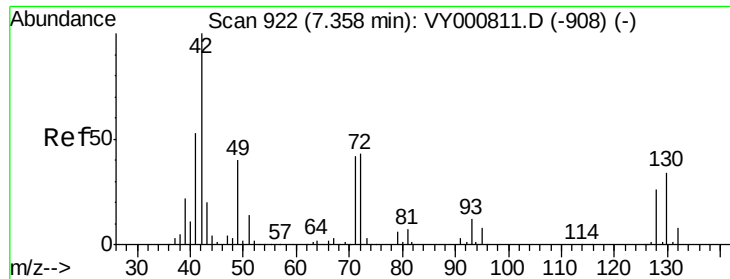


#28

Bromochloromethane
Concen: 14.594 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.8
130	65.7	58.7	88.1





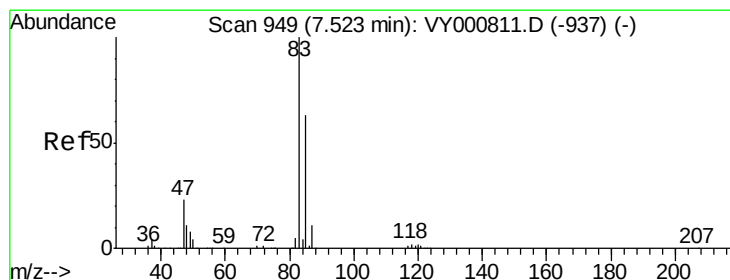
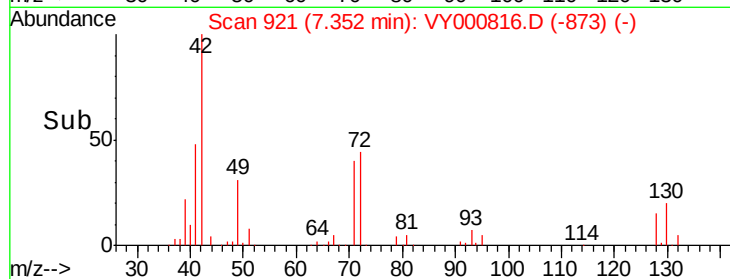
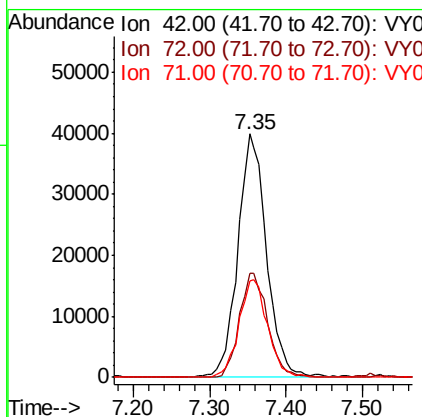
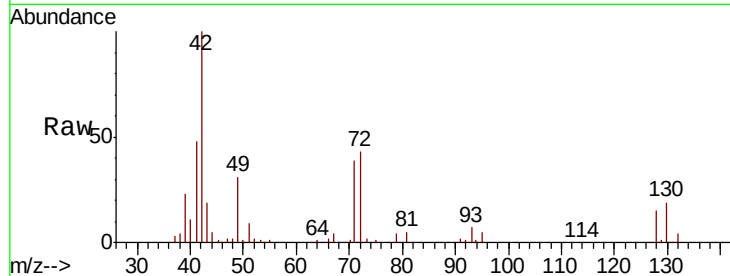
#29
Tetrahydrofuran
Concen: 103.938 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampled :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	35.1	52.7
71	39.8	32.8	49.2

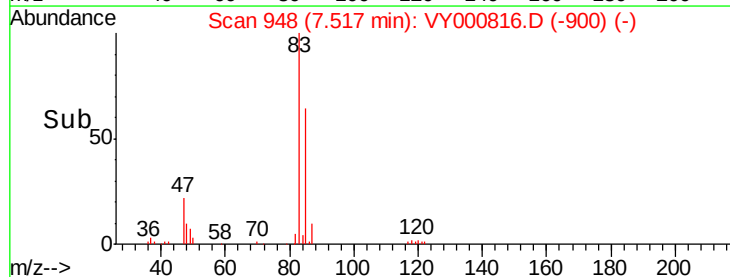
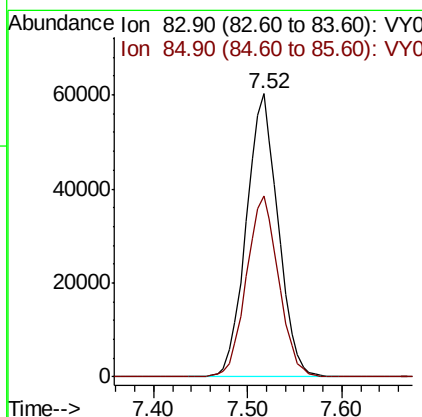
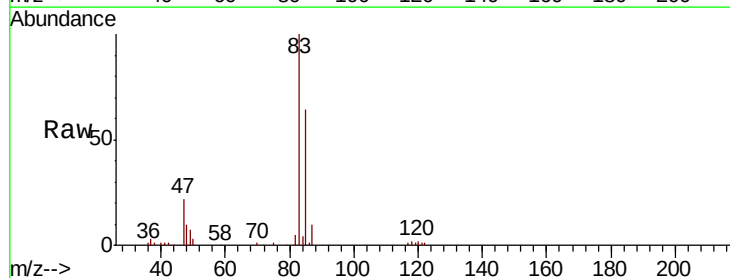
Manual Integrations
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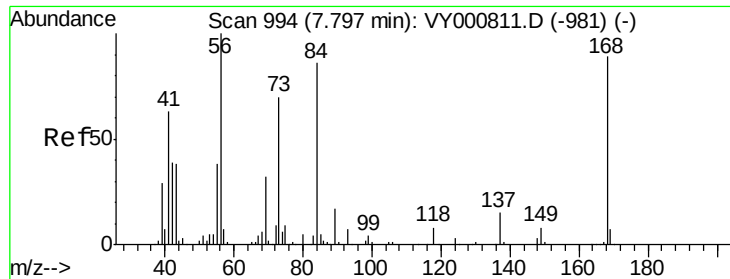
MMDadoda
12/2/2019 11:37:09 AM



#30
Chloroform
Concen: 20.033 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.4	75.6





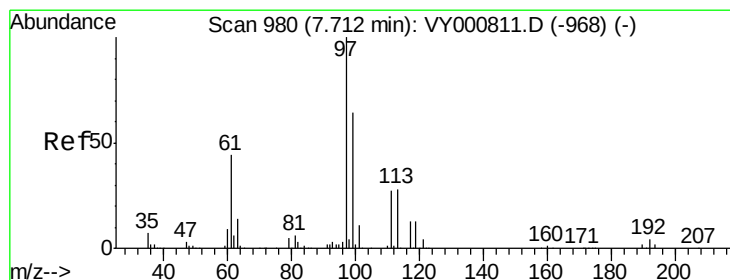
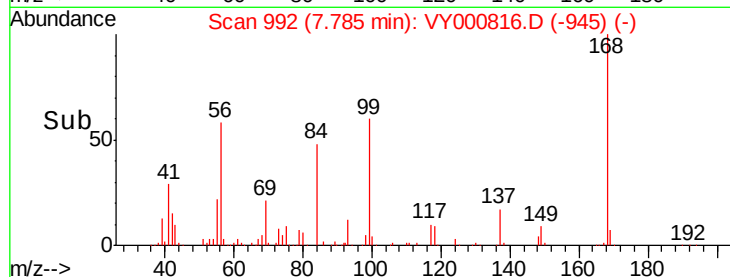
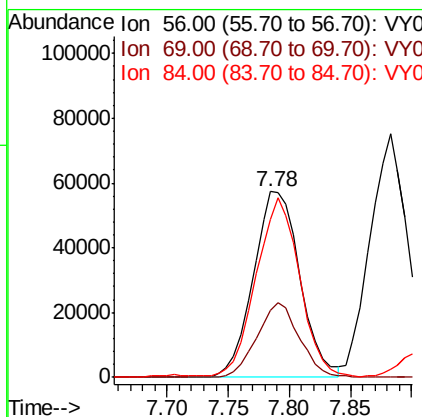
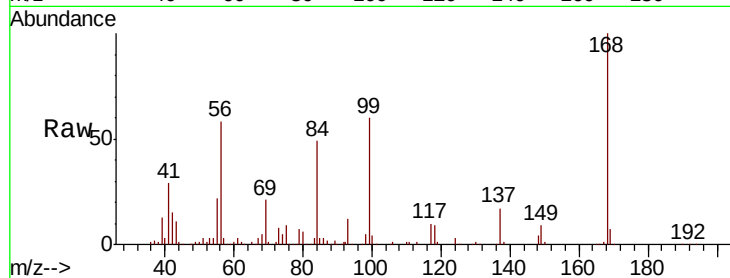
#31
Cyclohexane
Concen: 20.168 ug/l
RT: 7.78 min Scan# 992
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	25.9	38.9
84	83.6	68.6	102.8

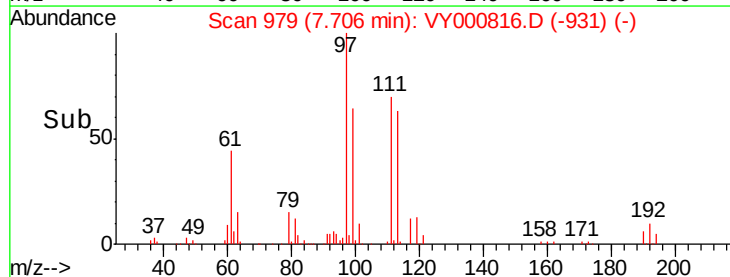
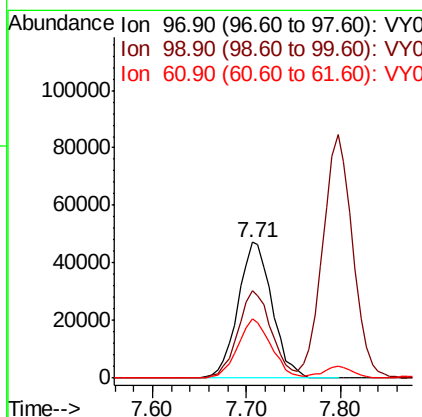
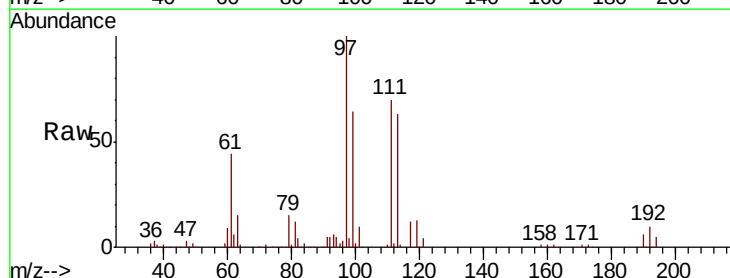
Manual Integrations
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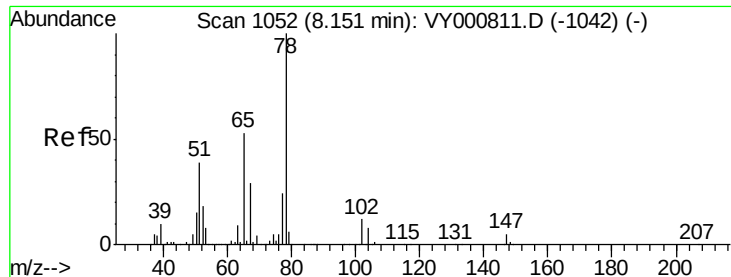
MMDadoda
12/2/2019 11:37:09 AM



#32
1,1,1-Trichloroethane
Concen: 20.261 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	42.5	35.0	52.6





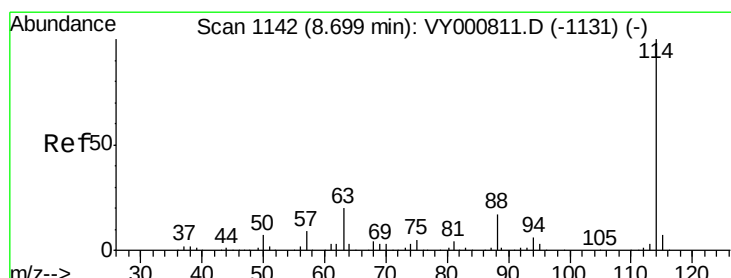
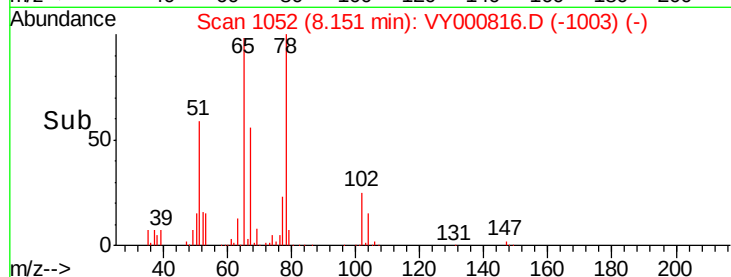
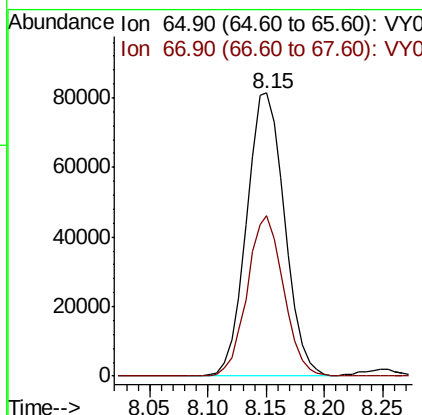
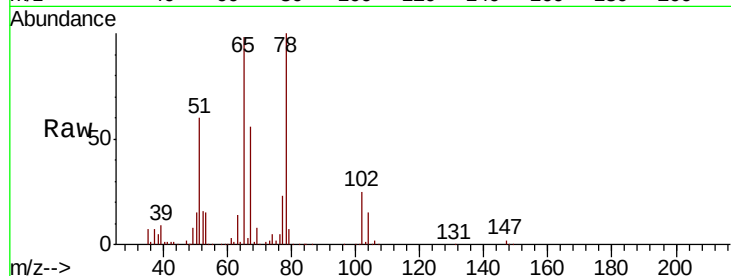
#33
 1,2-Dichloroethane-d4
 Concen: 52.305 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	112.0

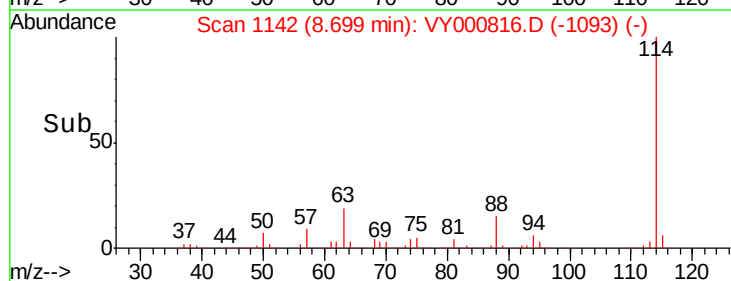
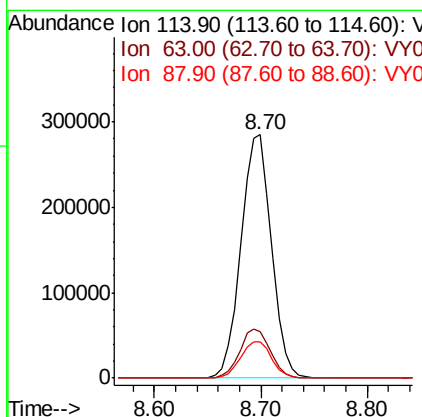
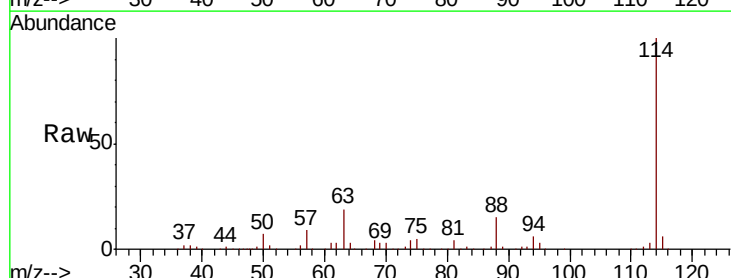
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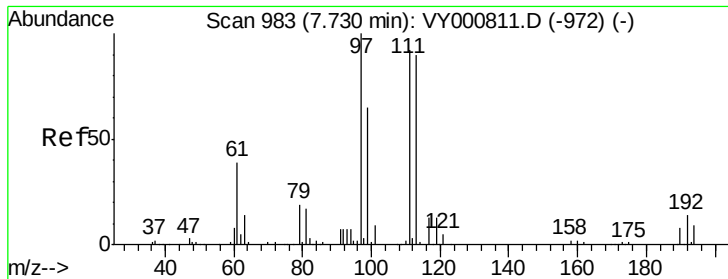
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.8
88	15.1	0.0	33.2





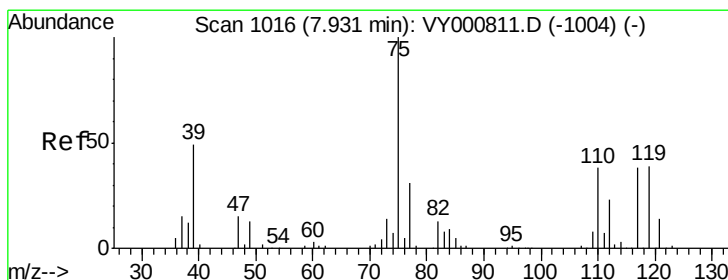
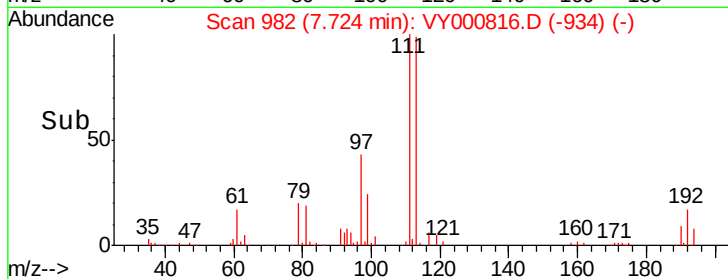
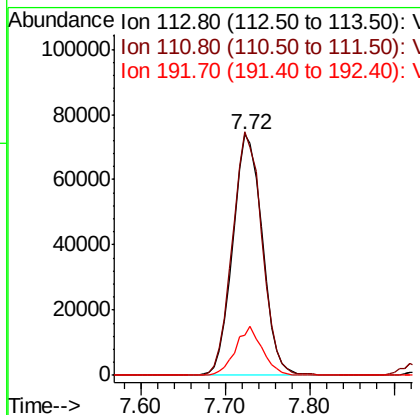
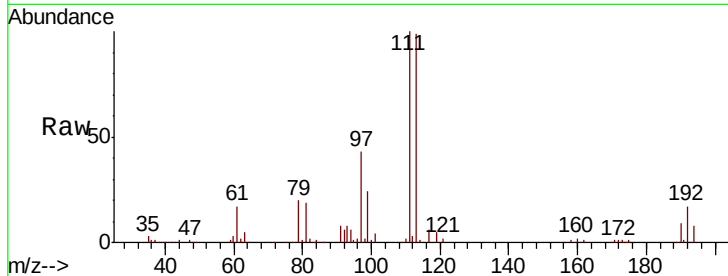
#35
Dibromofluoromethane
Concen: 52.452 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	174900		
111	101.2	82.4	123.6	
192	18.4	14.2	21.2	

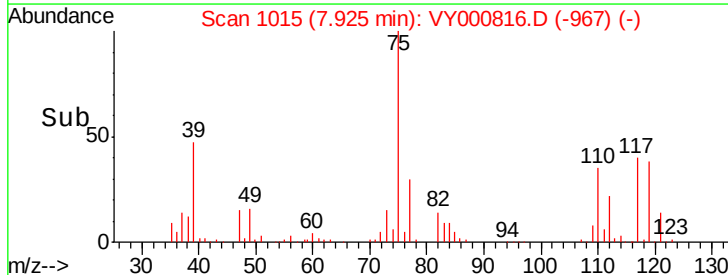
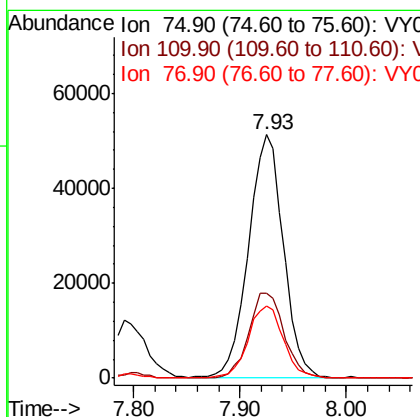
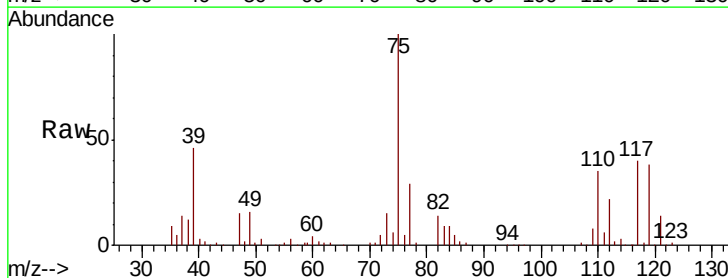
Manual Integrations
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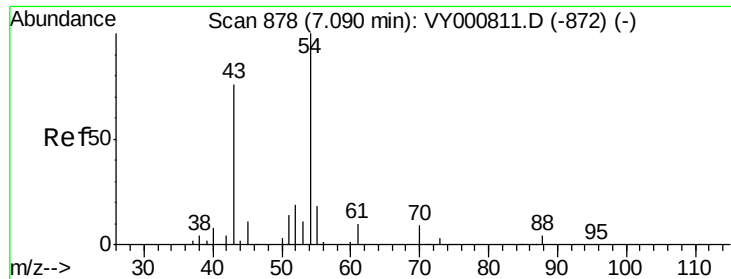
MMDadoda
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#36
1,1-Dichloropropene
Concen: 20.623 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	117323		
110	35.6	17.9	53.7	
77	30.3	24.7	37.1	





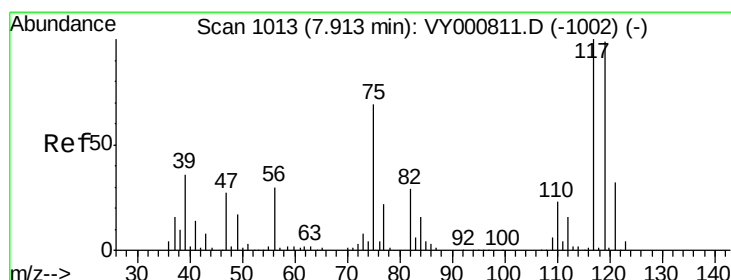
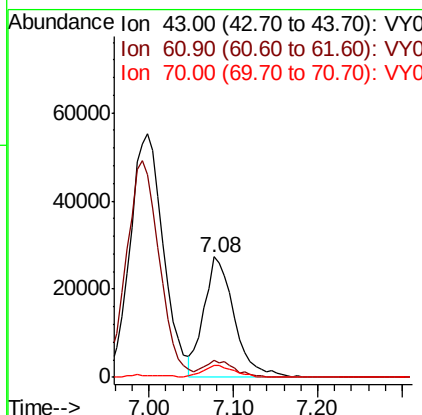
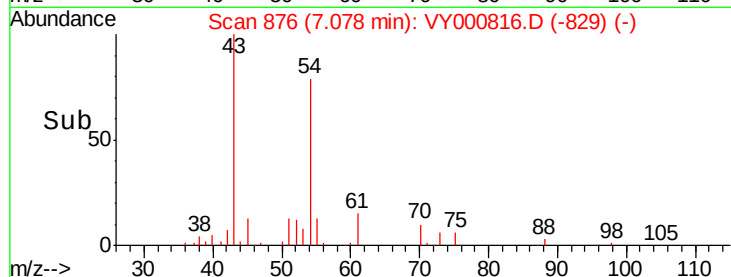
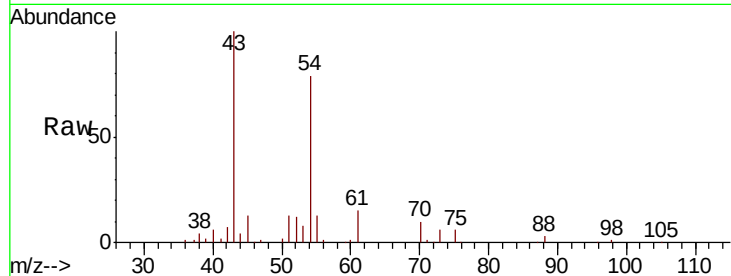
#37
Ethyl Acetate
Concen: 20.835 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	14.5	11.8	17.8	
70	10.1	8.7	13.1	

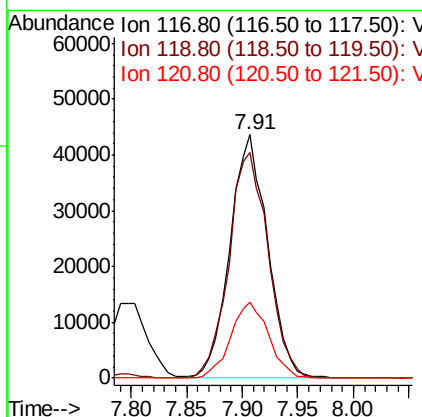
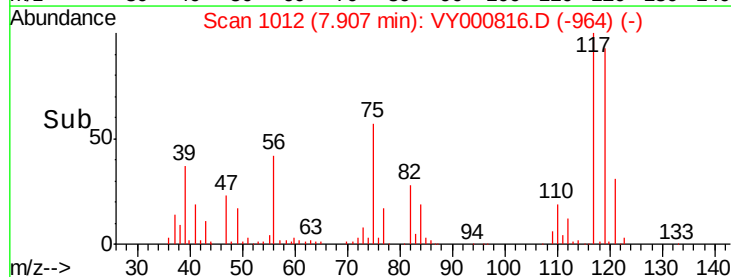
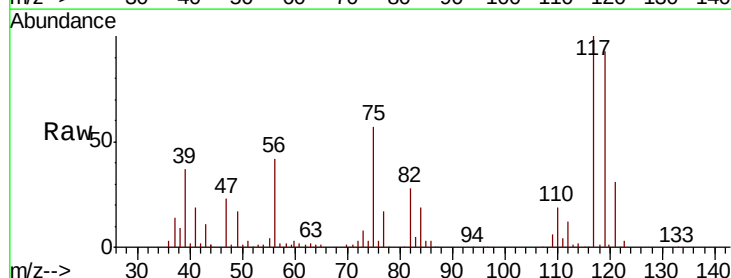
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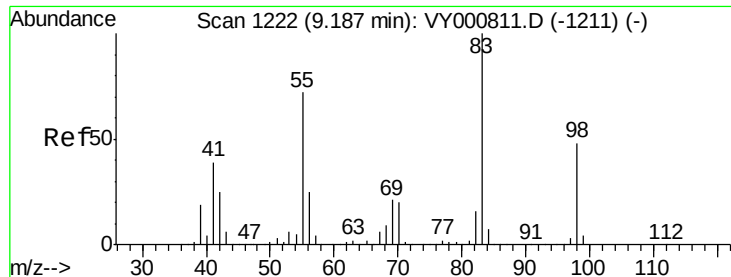
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12/2/2019 11:37:09 AM



#38
Carbon Tetrachloride
Concen: 20.209 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	92.6	79.3	118.9	
121	30.9	25.5	38.3	





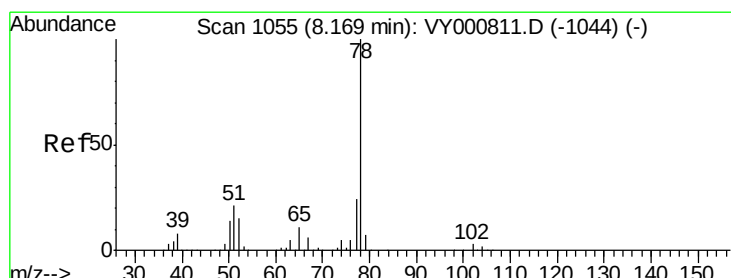
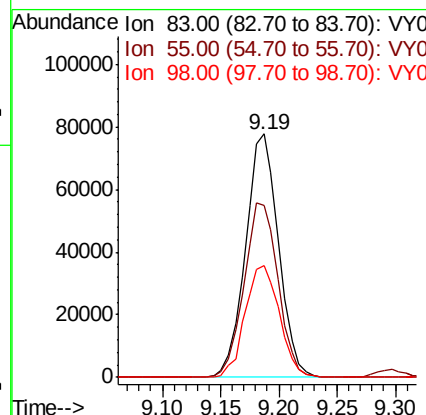
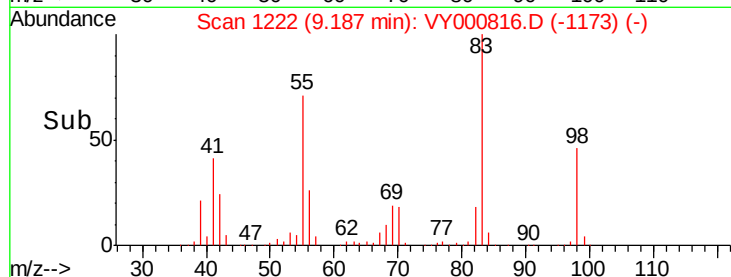
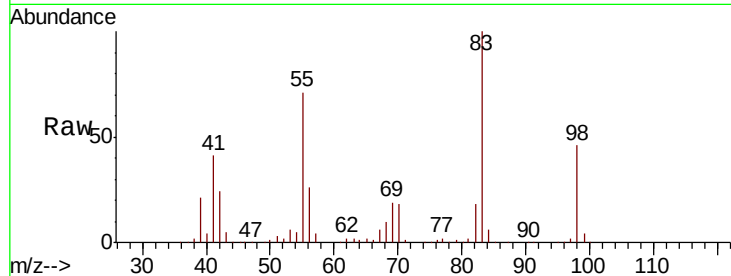
#39
Methylvlcyclohexane
Concen: 20.376 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	57.8	86.6
98	45.9	38.6	58.0

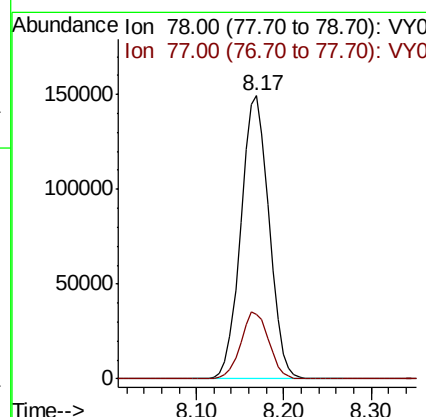
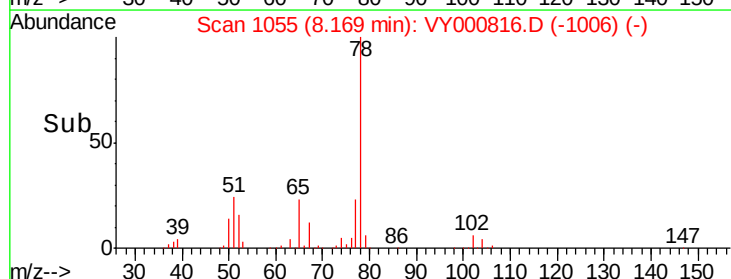
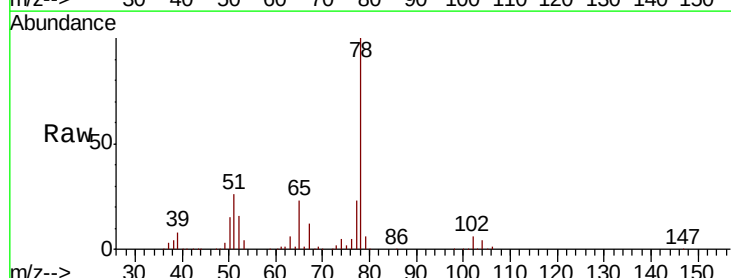
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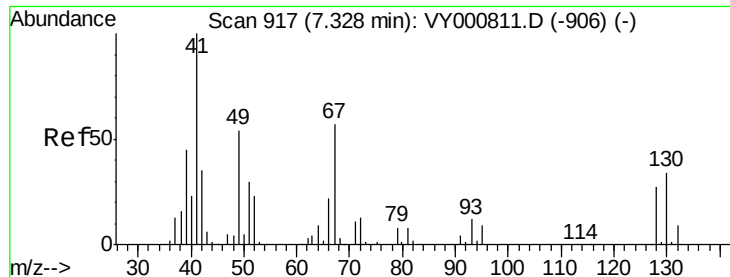
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#40
Benzene
Concen: 20.169 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8





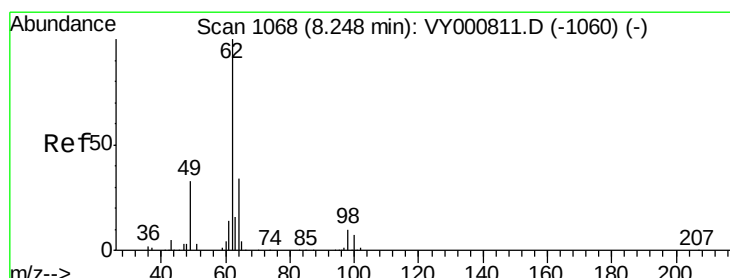
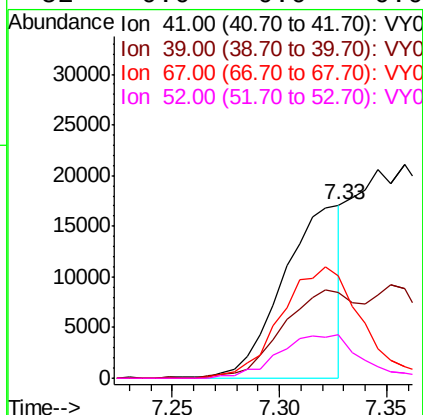
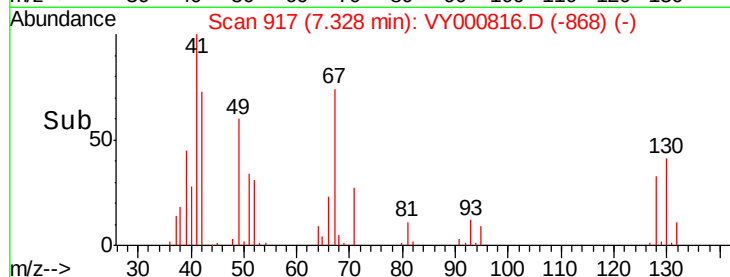
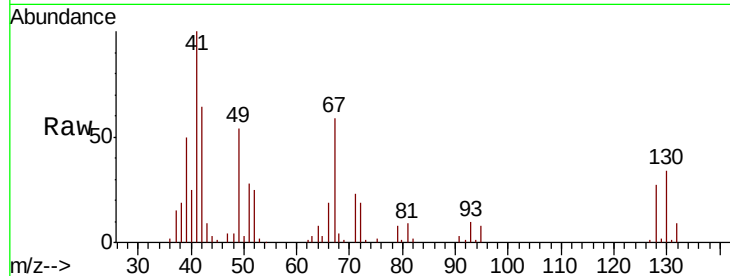
#41
Methacrylonitrile
Concen: 18.857 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	41	Resp	32646
Ion Ratio	Lower	Upper	
41	100		
39	0.0	95.7	143.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

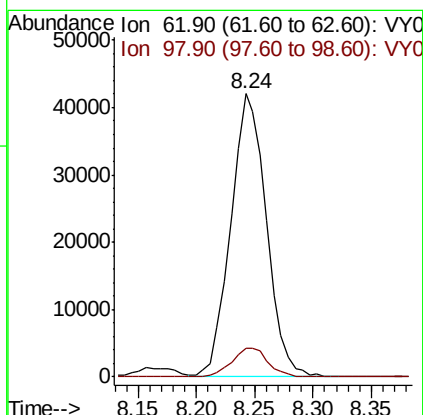
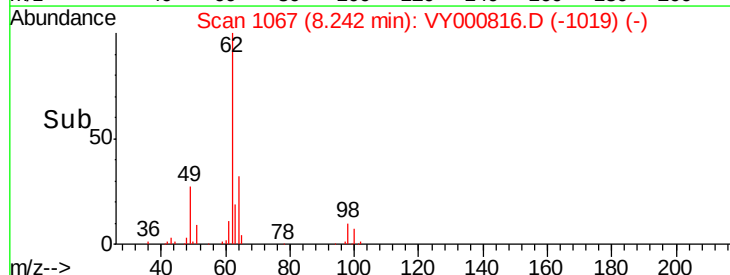
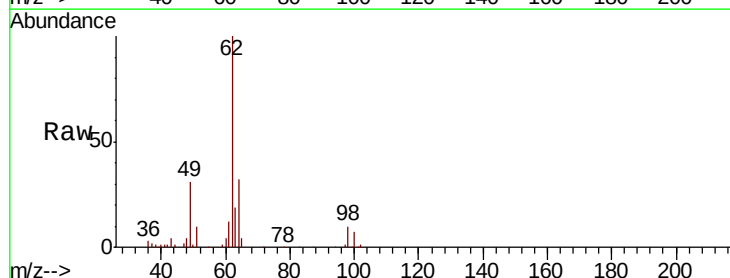
Manual Integrations
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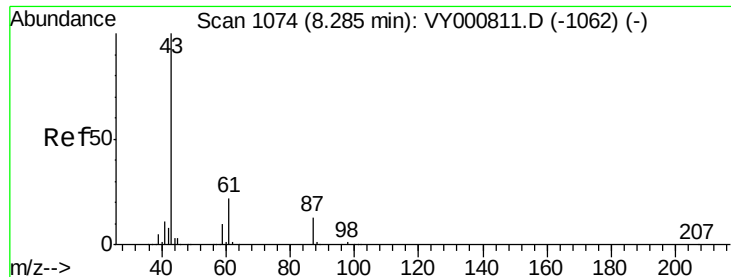
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#42
1,2-Dichloroethane
Concen: 20.538 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	62	Resp	89501
Ion Ratio	Lower	Upper	
62	100		
98	10.2	0.0	21.4





#43

Isopropyl Acetate

Concen: 20.581 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

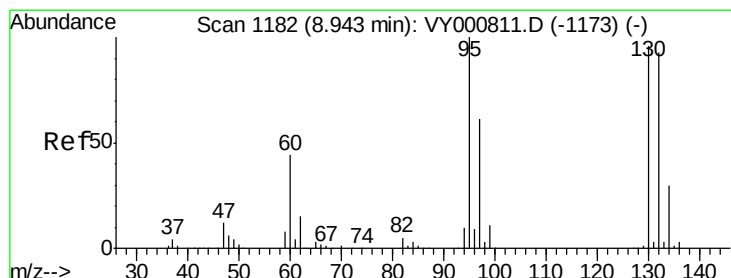
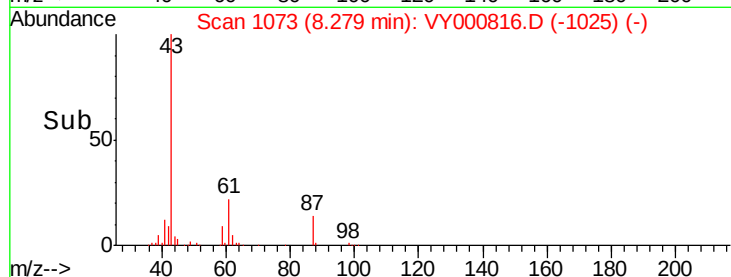
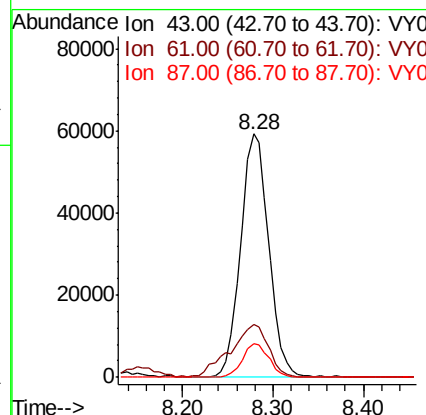
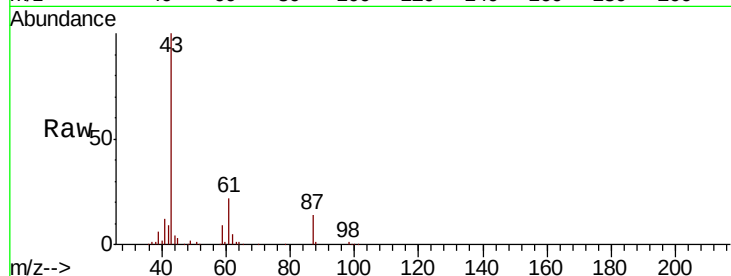
ClientSampleId :

VY1127SBS01

Tot Ion:	43	Resp:	127401
Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.7	35.5
87	12.9	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 20.343 ug/l

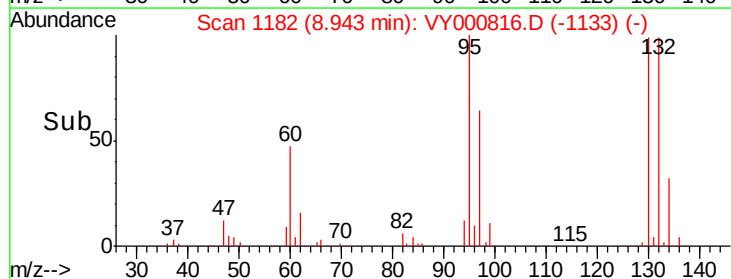
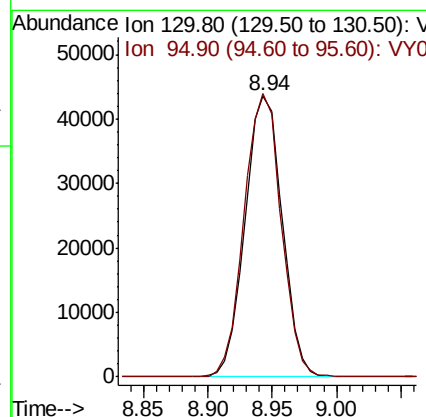
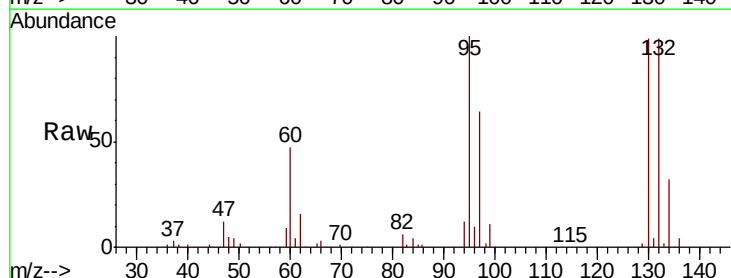
RT: 8.94 min Scan# 1182

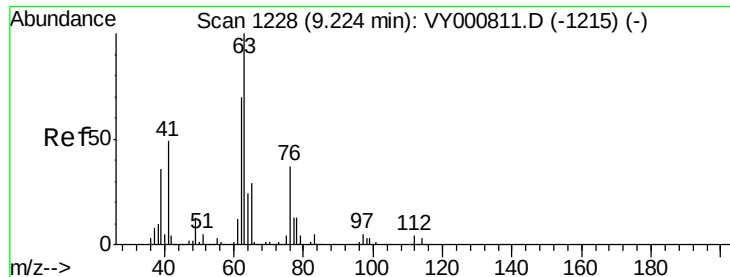
Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion:	130	Resp:	86632
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	207.8





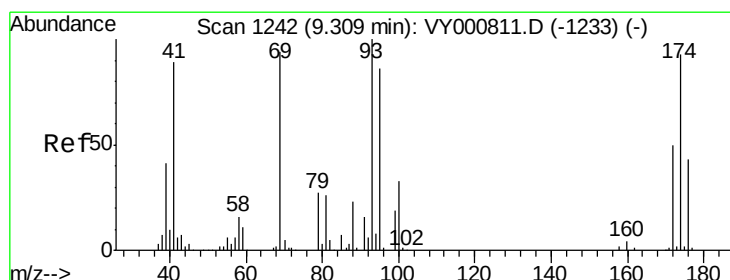
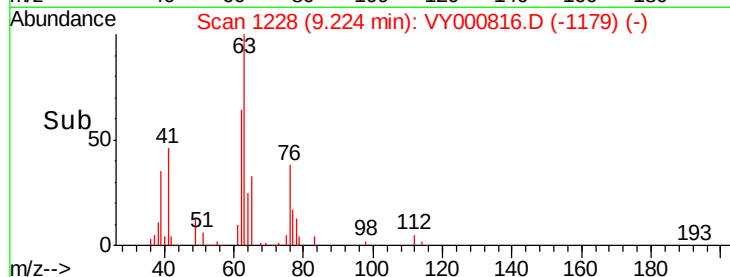
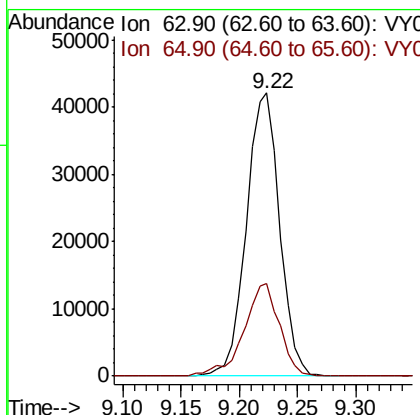
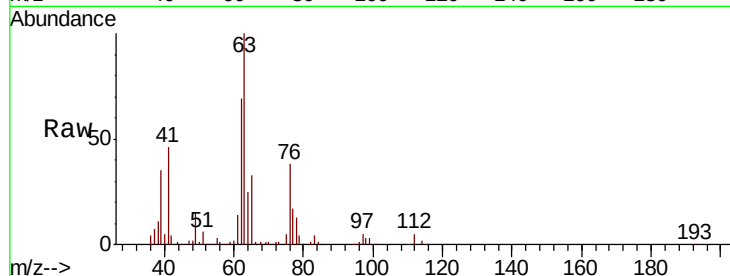
#45
 1,2-Dichloropropane
 Concen: 20.183 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion: 63 Resp: 84007
 Ion Ratio Lower Upper
 63 100
 65 32.9 23.2 34.8

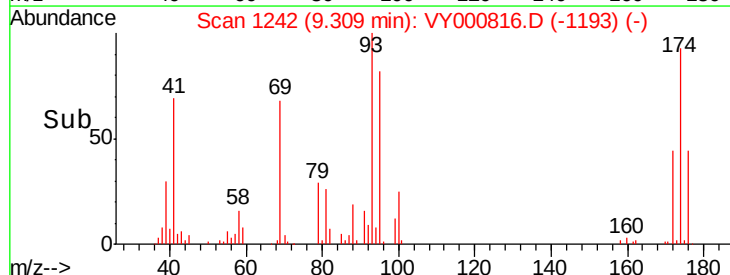
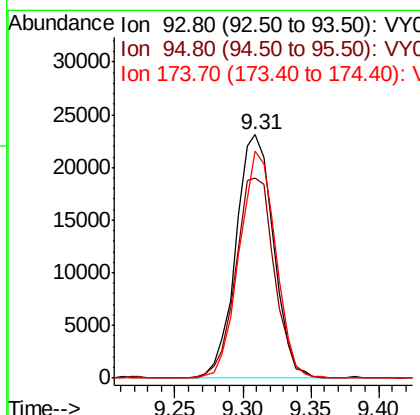
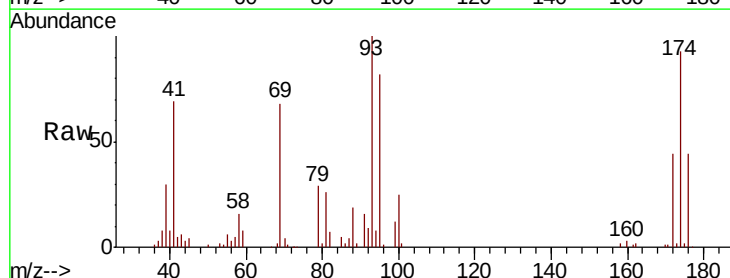
Manual Integrations
 APPROVED

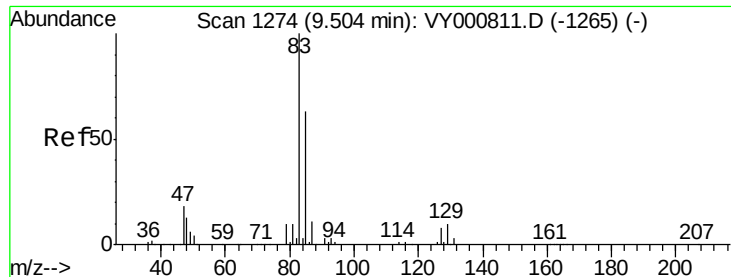
MMDadoda
 12/2/2019 11:37:09 AM



#46
 Dibromomethane
 Concen: 20.542 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion: 93 Resp: 44674
 Ion Ratio Lower Upper
 93 100
 95 84.5 66.4 99.6
 174 89.6 73.0 109.6





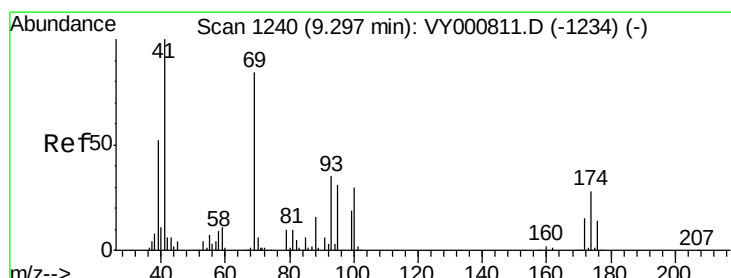
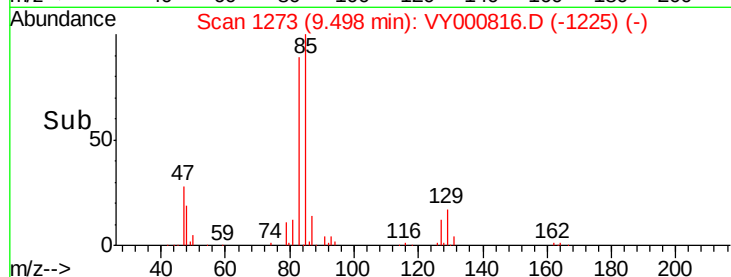
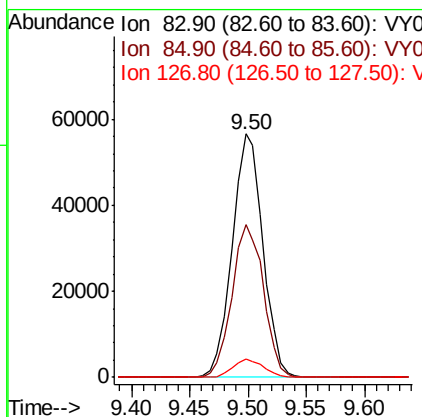
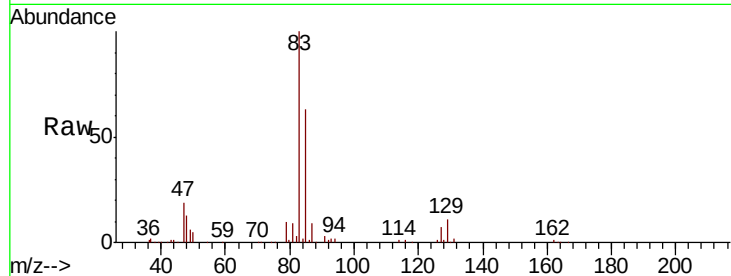
#47
Bromodichloromethane
Concen: 20.292 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.8	76.2
127	7.5	6.6	10.0

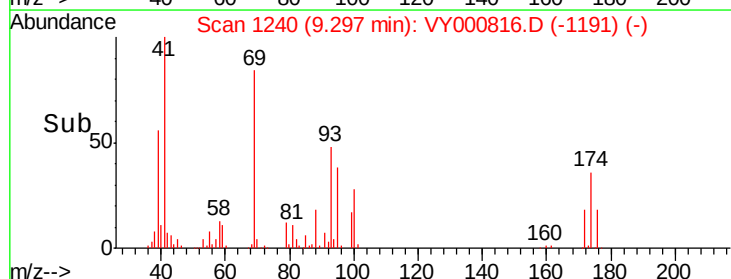
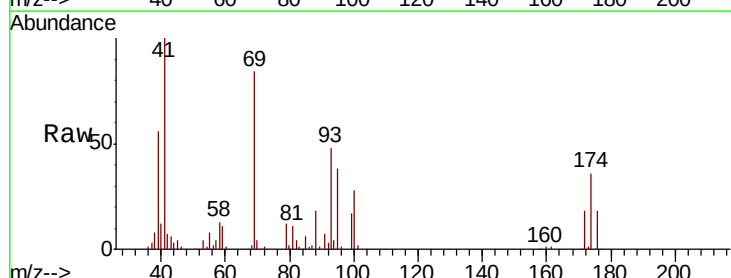
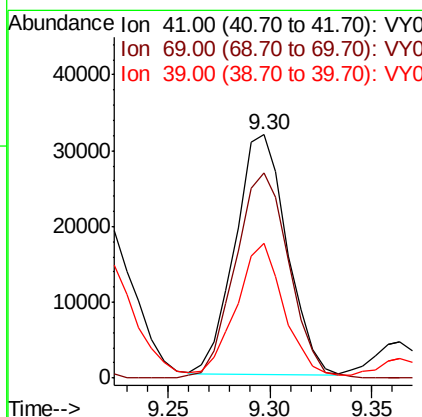
Manual Integrations
APPROVED

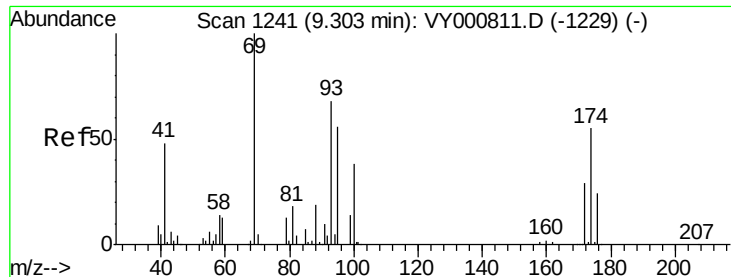
MMDadoda
12/2/2019 11:37:09 AM



#48
Methyl methacrylate
Concen: 20.613 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.7	70.4	105.6
39	50.2	40.9	61.3





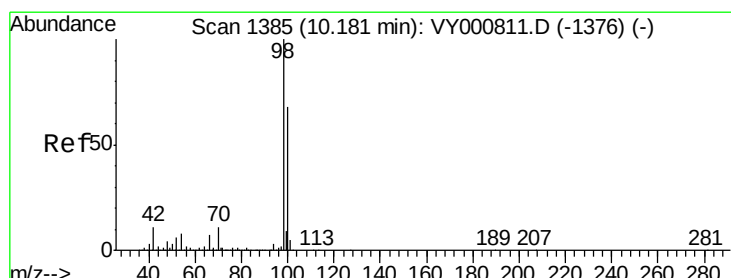
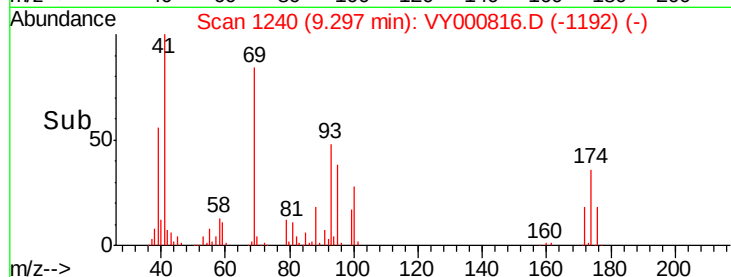
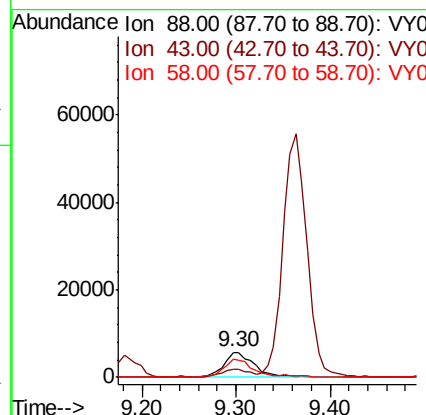
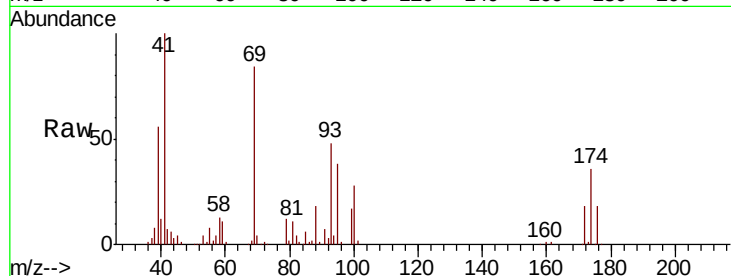
#49
1,4-Dioxane
Concen: 418.604 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	21.1	31.7
58	67.4	50.7	76.1

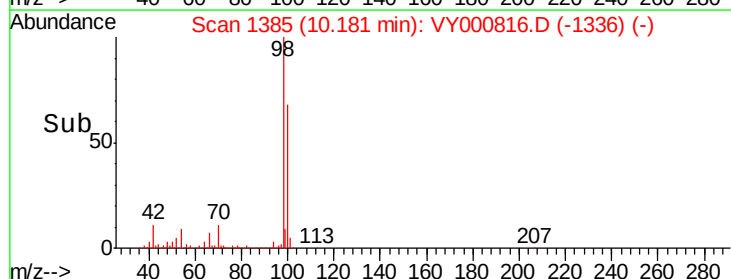
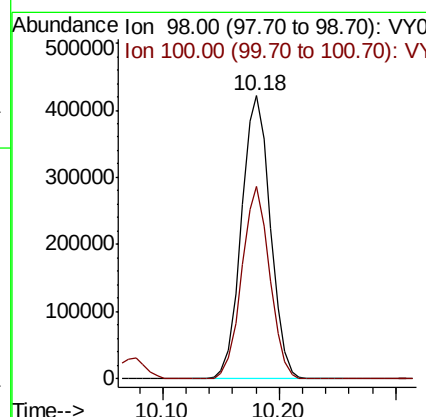
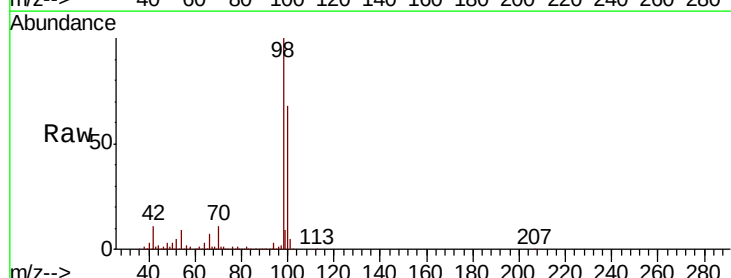
Manual Integrations
APPROVED

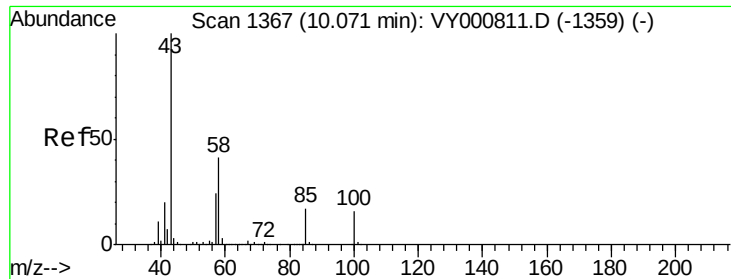
MMDadoda
12/2/2019 11:37:09 AM



#50
Toluene-d8
Concen: 54.675 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





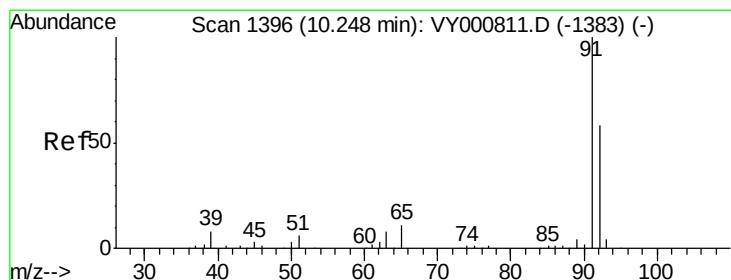
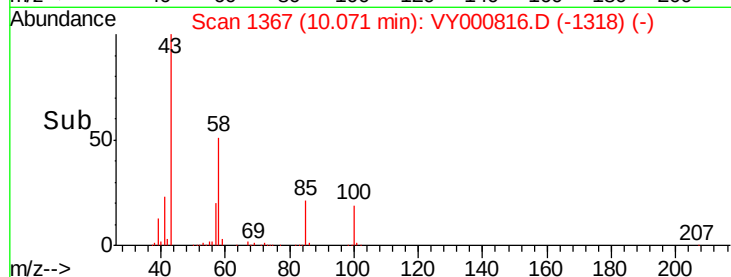
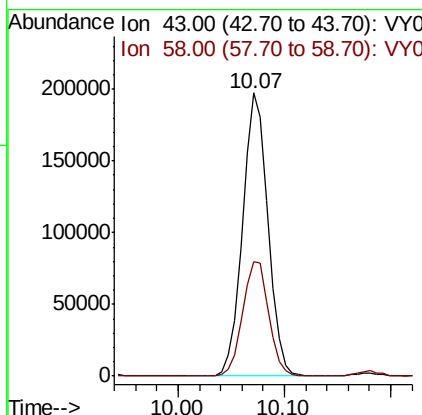
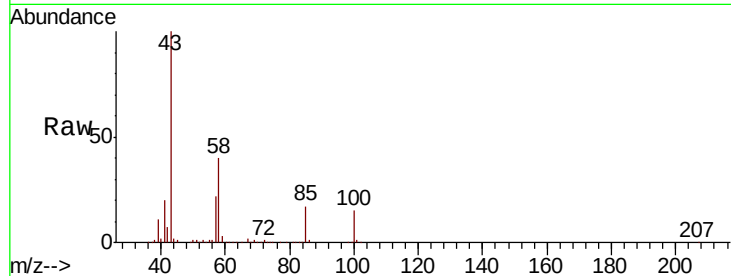
#51
4-Methyl-2-Pentanone
Concen: 103.347 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	43	Resp	330533
Ion Ratio	100	Lower	Upper
58	41.6	33.1	49.7

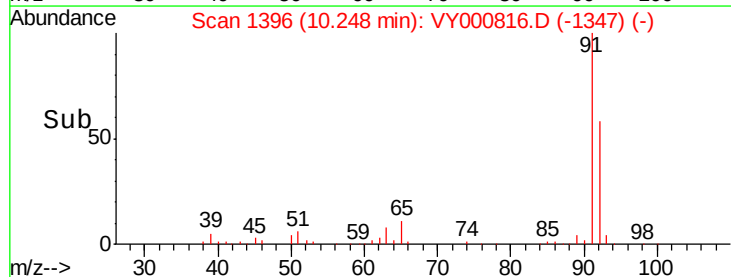
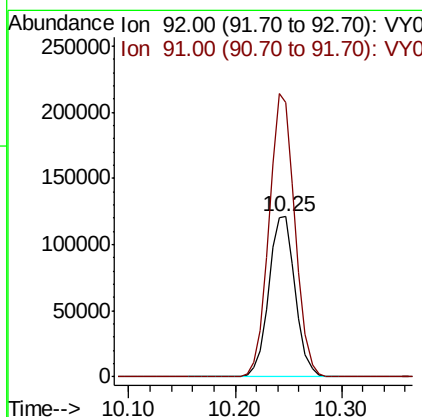
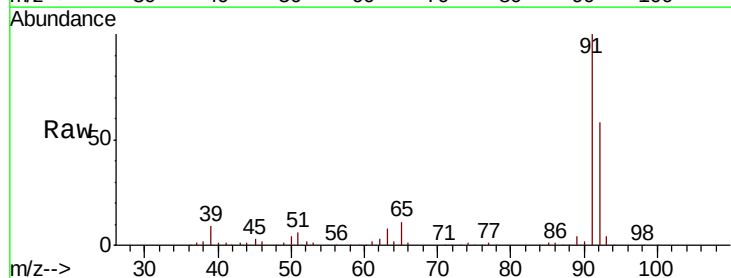
Manual Integrations
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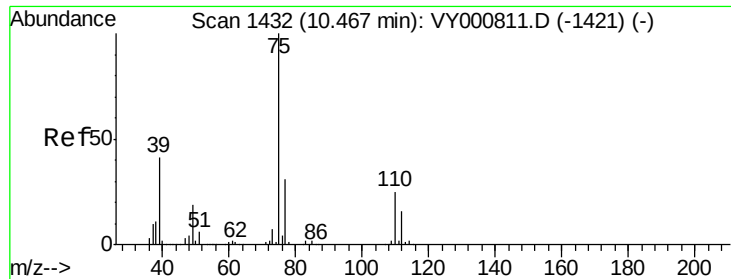
MMDadoda
12/2/2019 11:37:09 AM



#52
Toluene
Concen: 20.515 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	92	Resp	210476
Ion Ratio	100	Lower	Upper
91	172.6	136.6	204.8





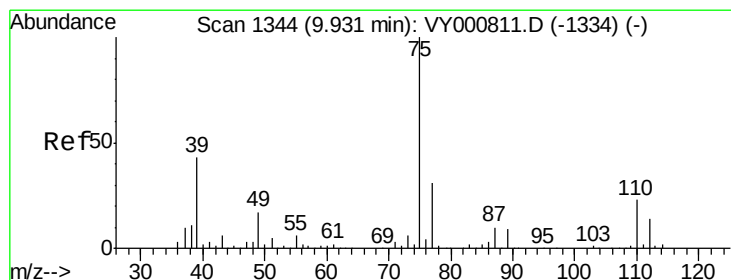
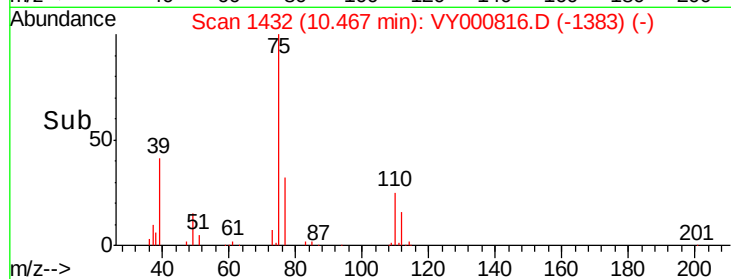
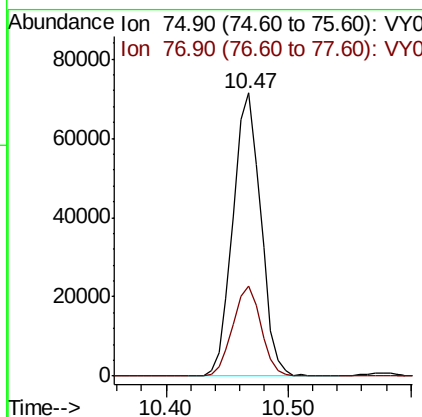
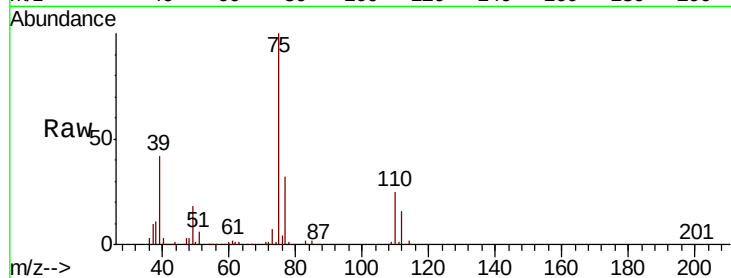
#53
 t-1,3-Dichloropropene
 Concen: 20.466 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.1	37.7

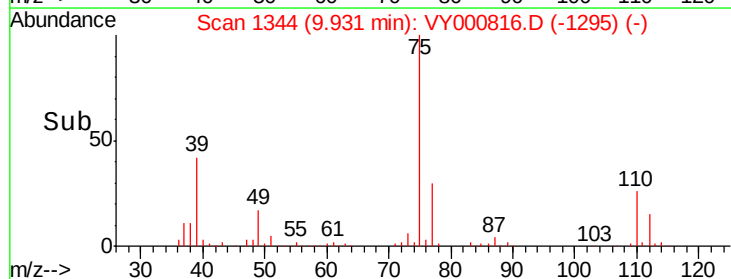
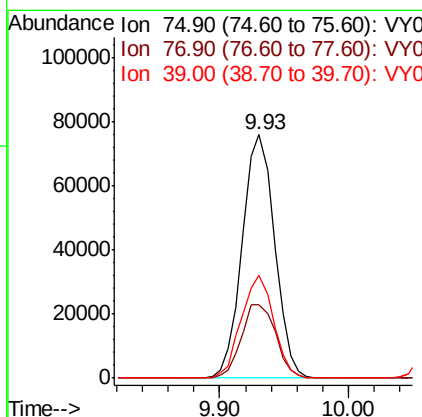
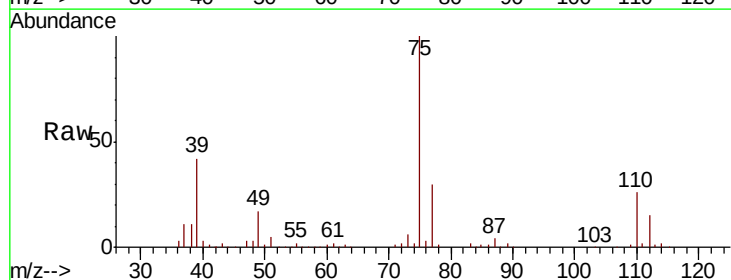
Manual Integrations
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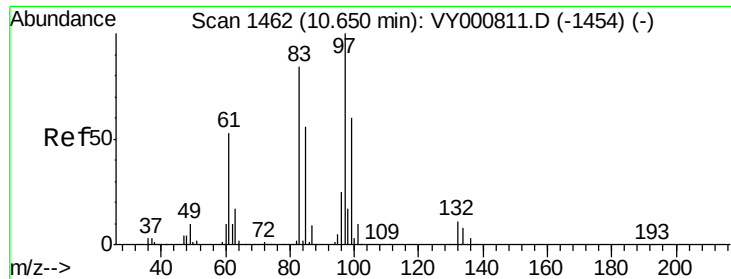
MMDadoda
 12/2/2019 11:37:09 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.348 ug/l
 RT: 9.93 min Scan# 1344
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.7	37.1
39	42.4	34.5	51.7





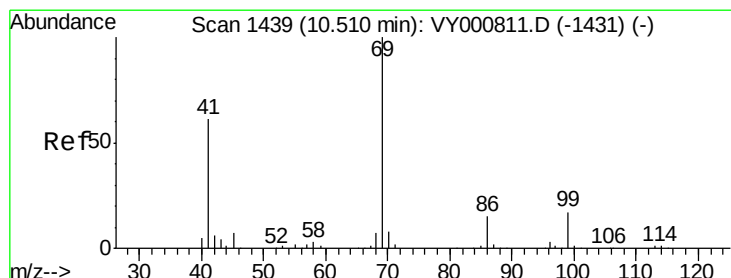
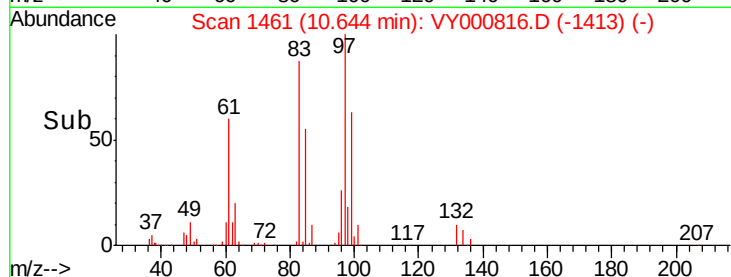
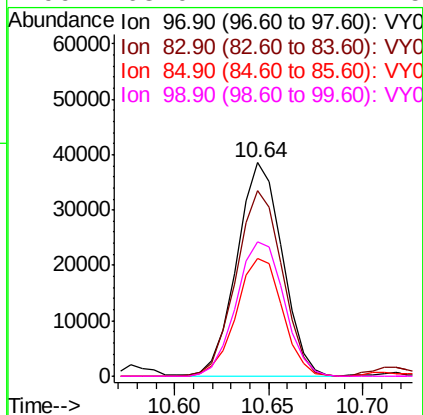
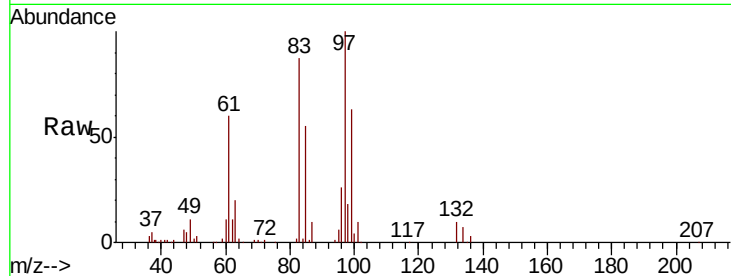
#55
 1,1,2-Trichloroethane
 Concen: 20.114 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.7	67.5	101.3	
85	54.7	44.5	66.7	
99	63.0	47.7	71.5	

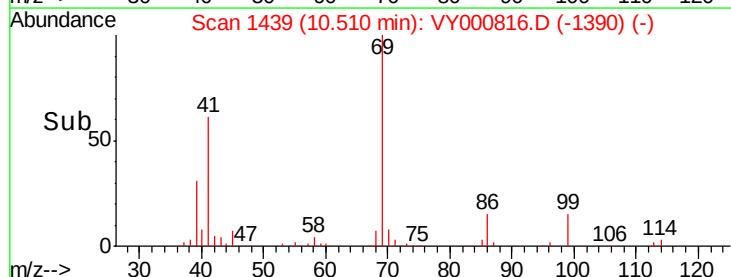
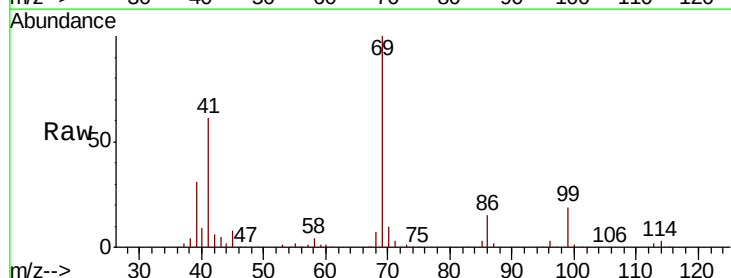
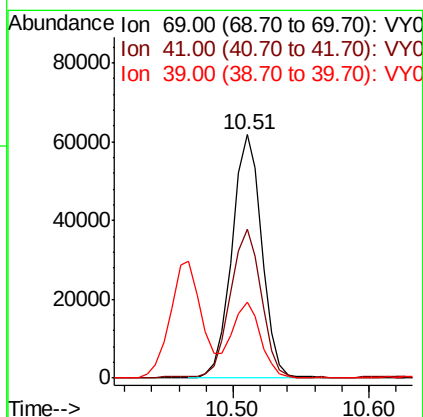
Manual Integrations
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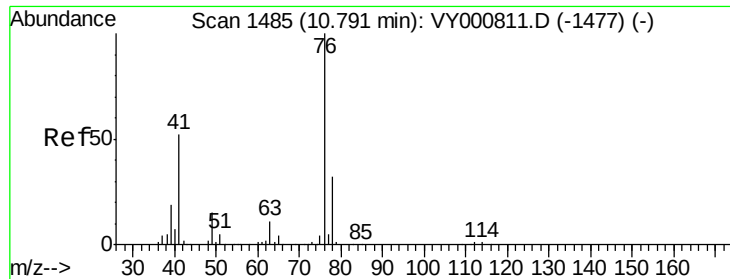
MMDadoda
 12/2/2019 11:37:09 AM



#56
 Ethyl methacrylate
 Concen: 20.508 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	64.7	49.0	73.6	
39	31.2	23.1	34.7	





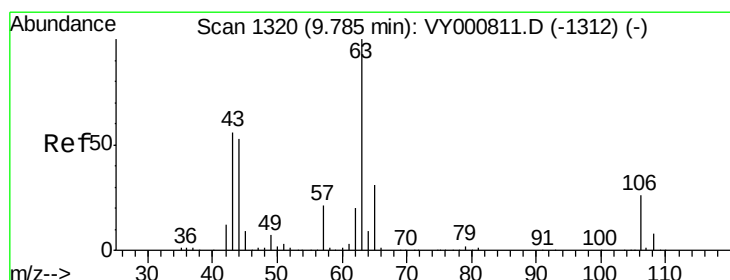
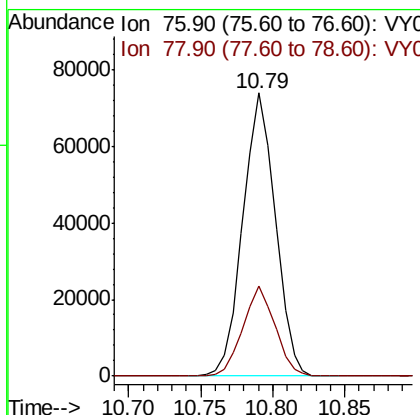
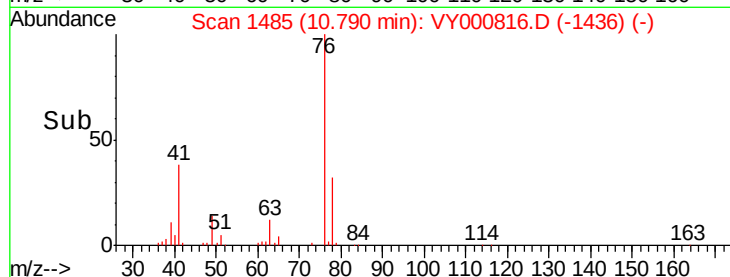
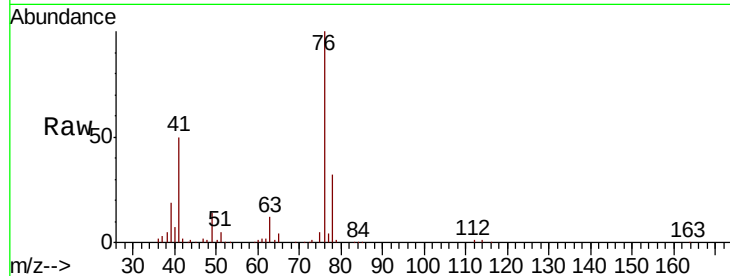
#57
 1,3-Dichloropropane
 Concen: 20.665 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.3	26.4	39.6

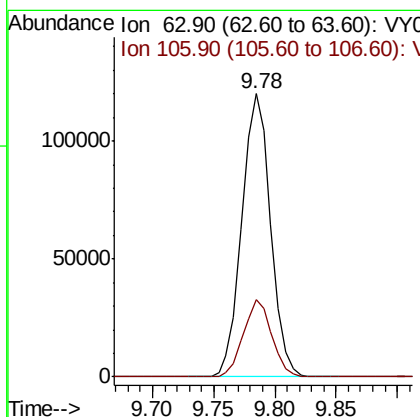
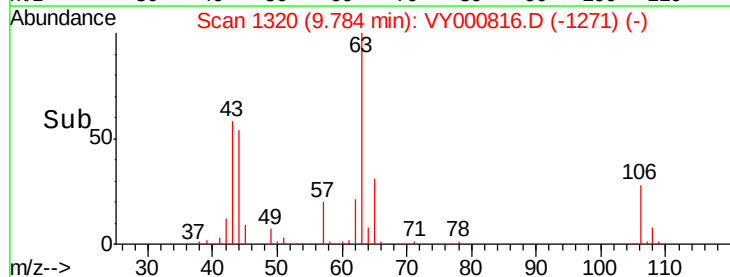
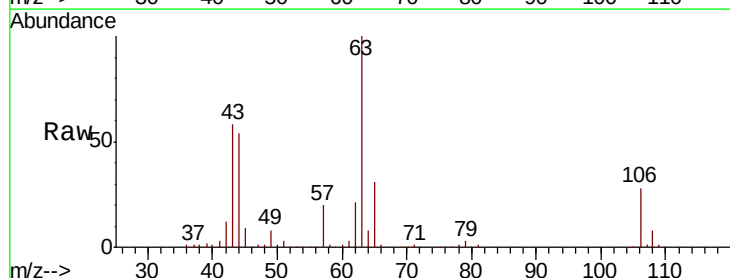
Manual Integrations
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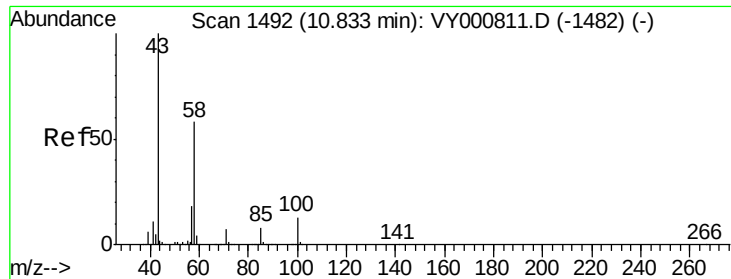
MMDadoda
 12/2/2019 11:37:09 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.609 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3





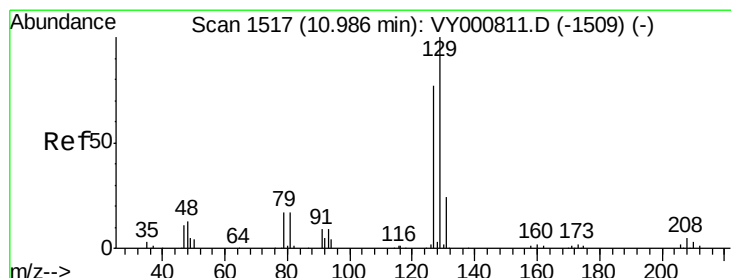
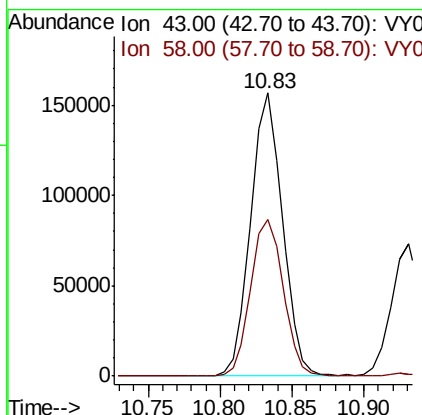
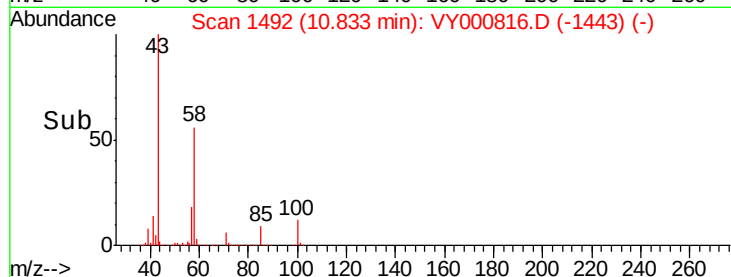
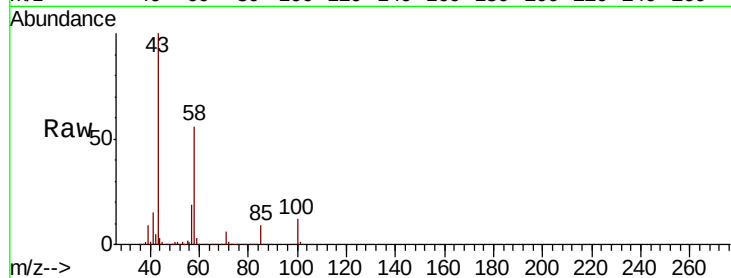
#59
2-Hexanone
Concen: 102.714 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.0	29.0	87.1

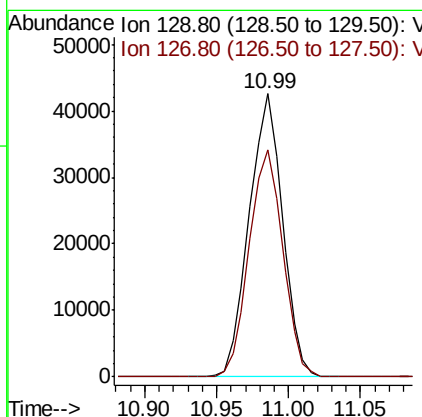
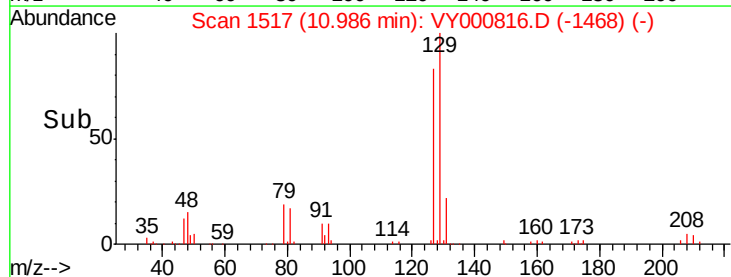
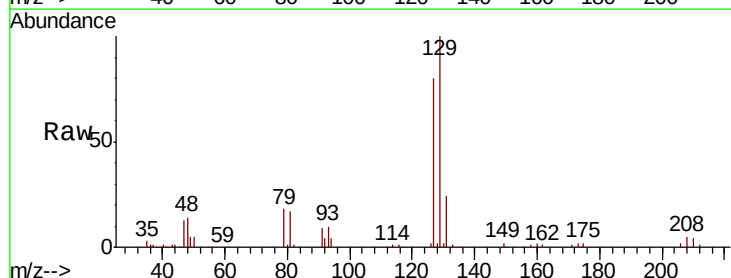
Manual Integrations
APPROVED

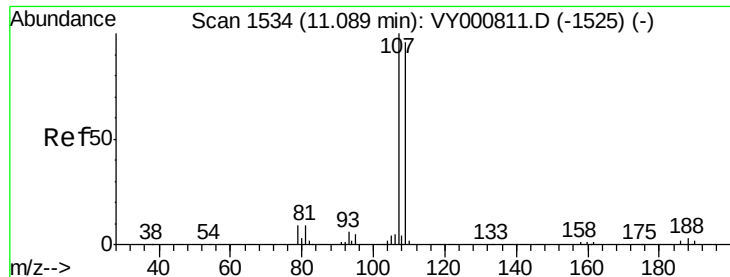
MMDadoda
12/2/2019 11:37:09 AM



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	81.1	39.1	117.2





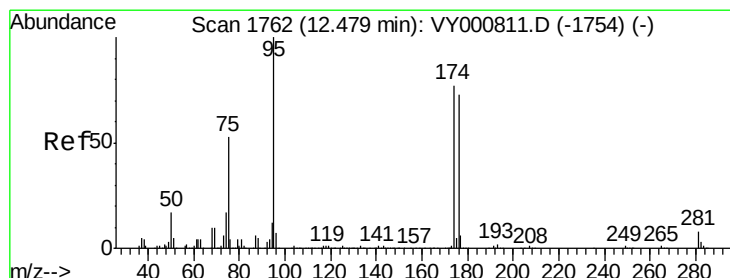
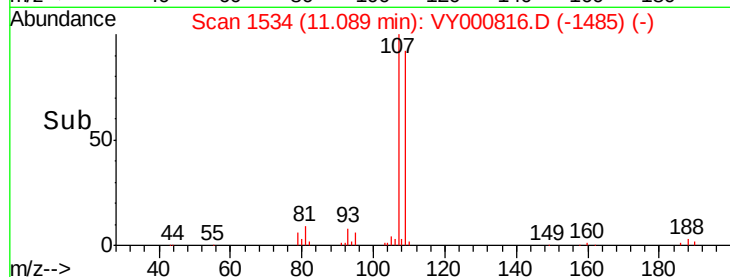
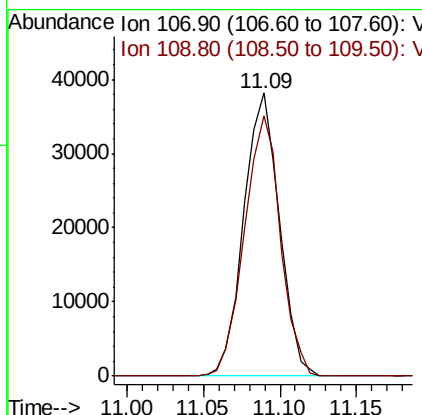
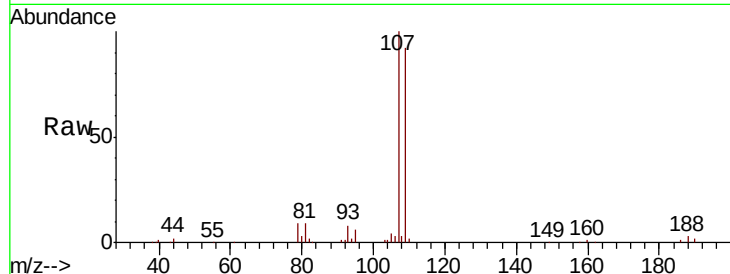
#61
 1,2-Dibromoethane
 Concen: 20.441 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	75.9	113.9

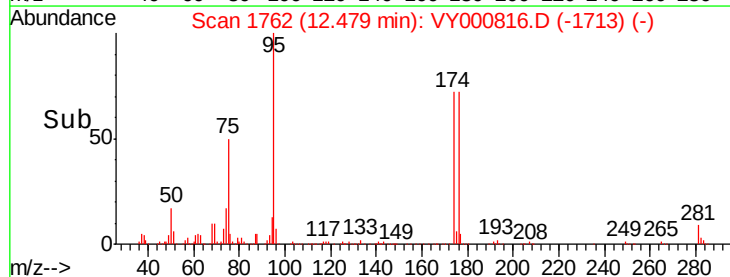
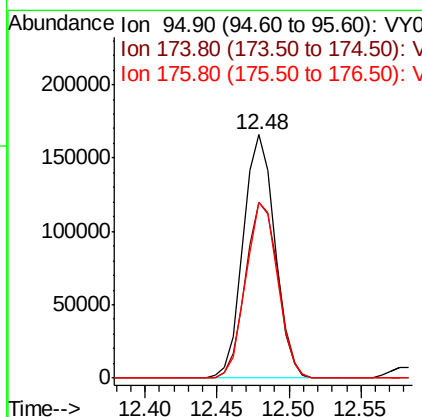
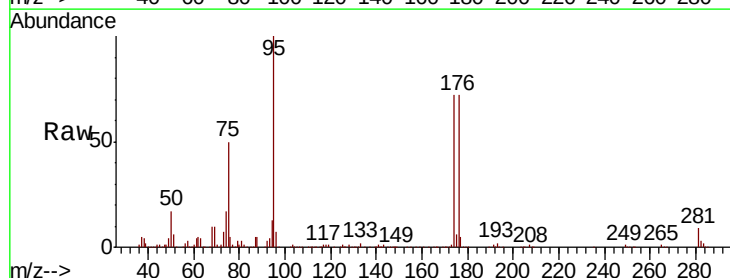
Manual Integrations
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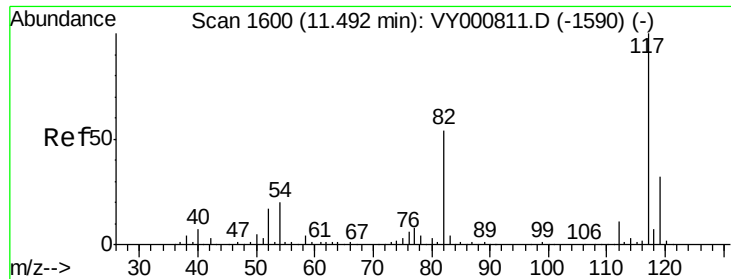
MMDadoda
 12/2/2019 11:37:09 AM



#62
 4-Bromofluorobenzene
 Concen: 50.469 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.5	0.0	150.6
176	72.4	0.0	145.2





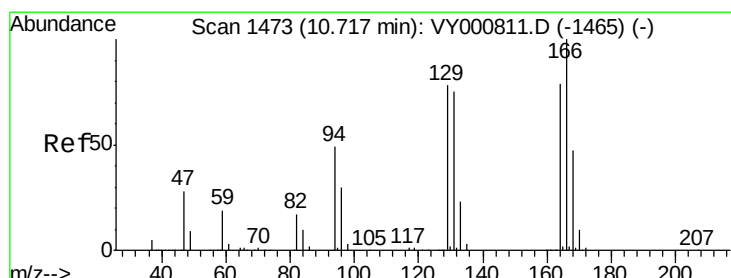
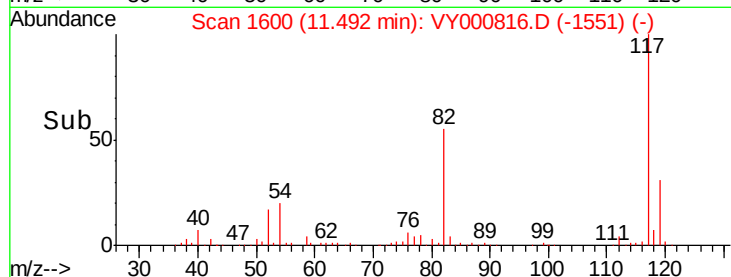
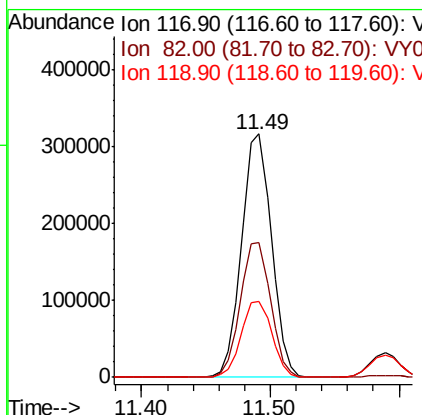
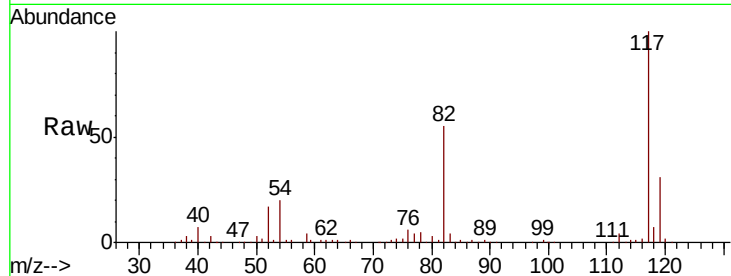
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.1	64.7
119	31.1	25.3	37.9

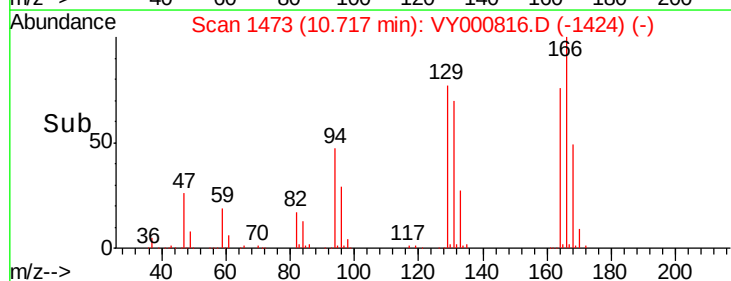
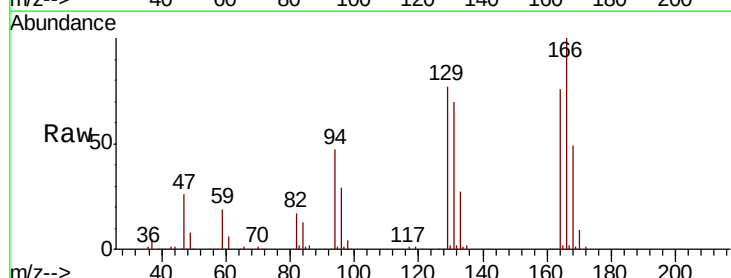
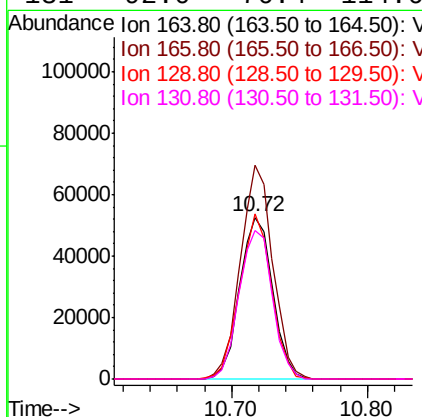
Manual Integrations
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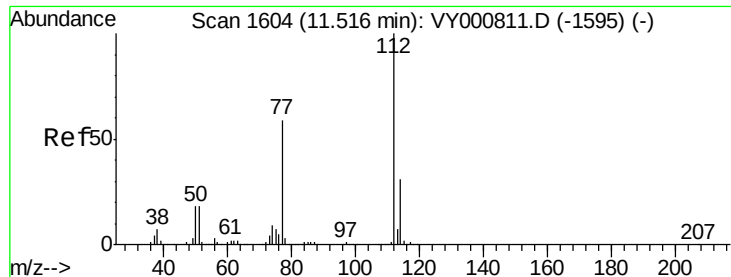
MMDadoda
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#64
Tetrachloroethene
Concen: 20.157 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.0	101.8	152.8
129	102.1	79.3	118.9
131	92.0	76.4	114.6





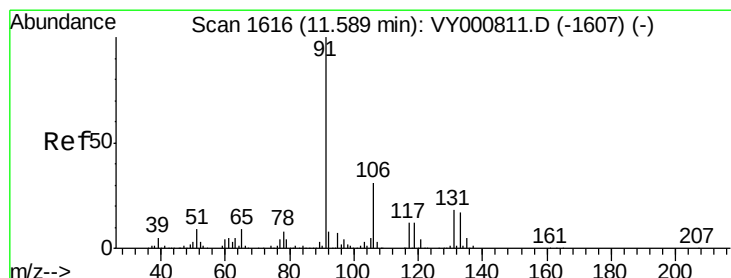
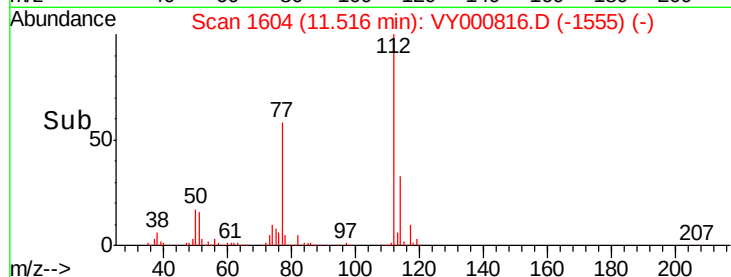
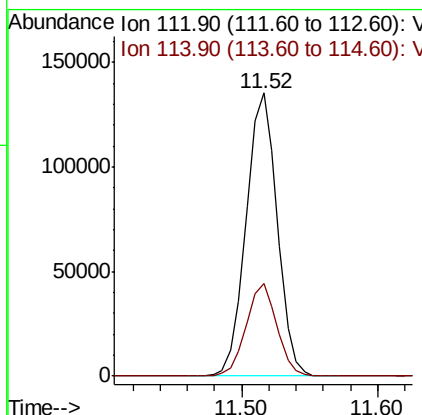
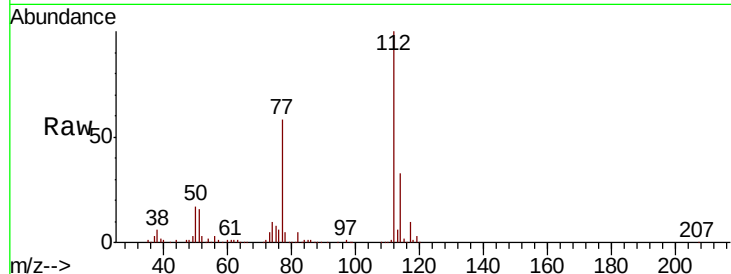
#65
Chlorobenzene
Concen: 20.542 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.1	37.7

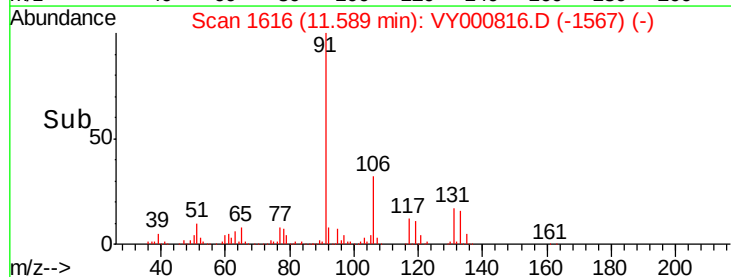
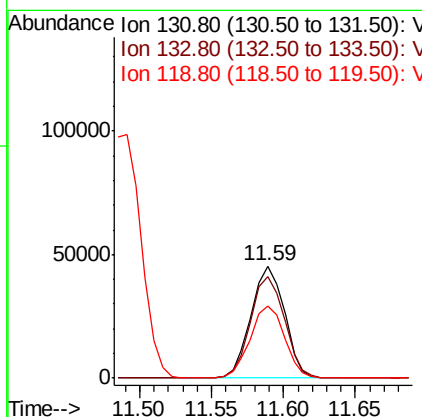
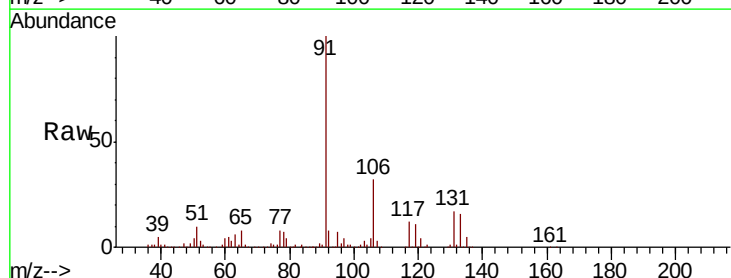
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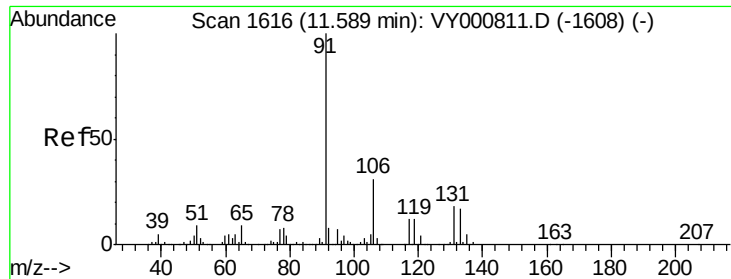
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.545 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.8	47.4	142.2
119	66.5	33.8	101.3





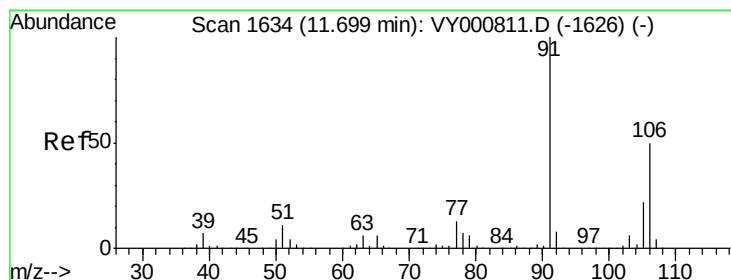
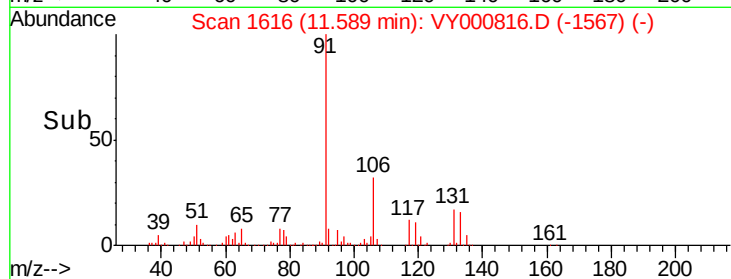
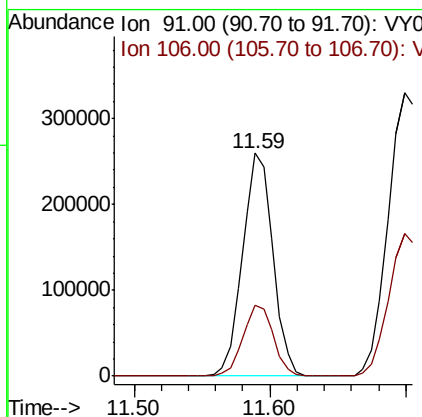
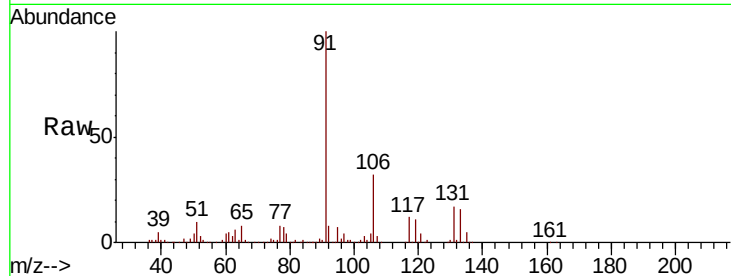
#67
Ethyl Benzene
Concen: 20.544 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion: 91 Resp: 403975
Ion Ratio Lower Upper
91 100
106 31.7 24.4 36.6

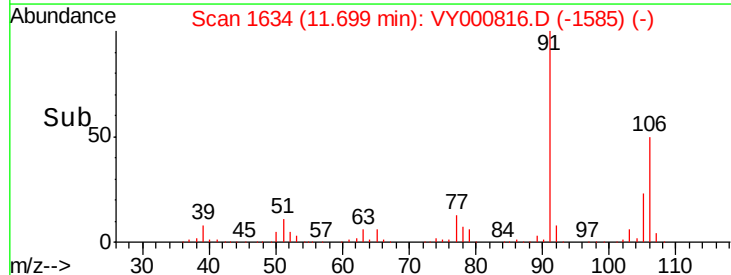
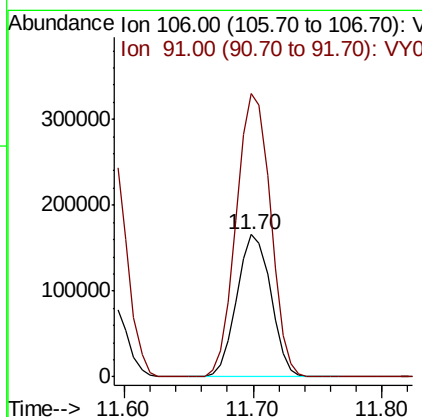
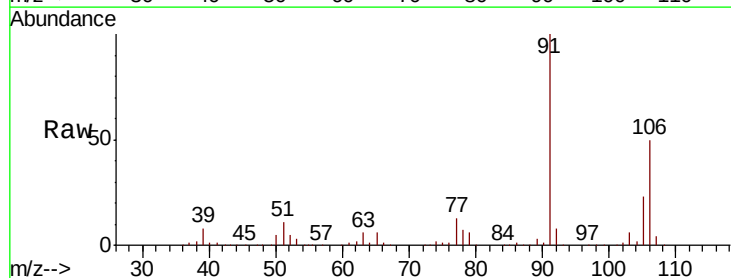
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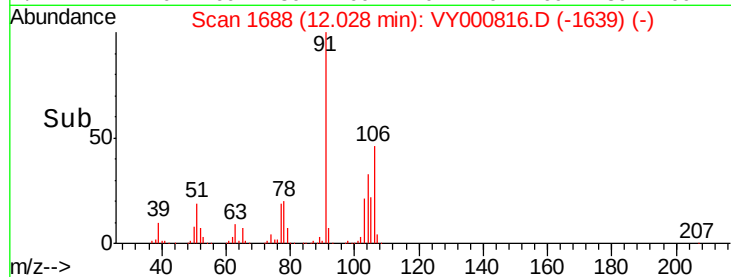
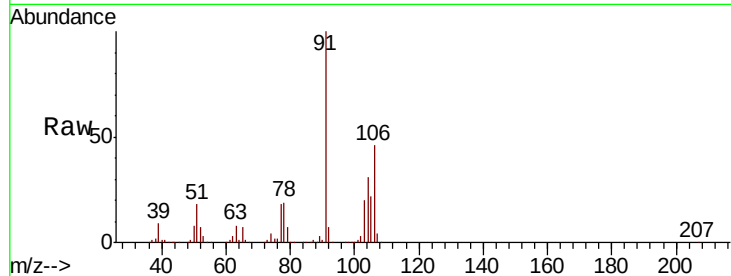
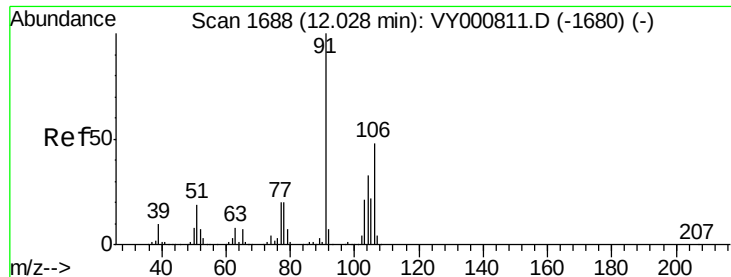
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#68
m/p-Xylenes
Concen: 41.219 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion: 106 Resp: 304229
Ion Ratio Lower Upper
106 100
91 200.4 159.6 239.4





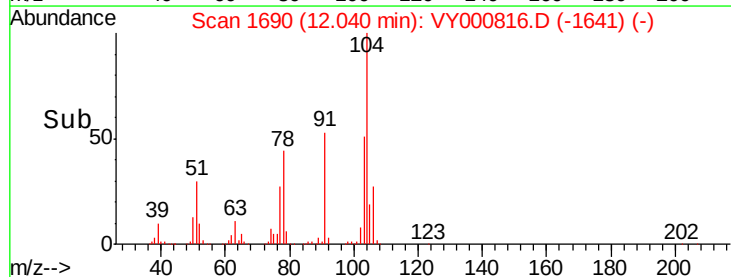
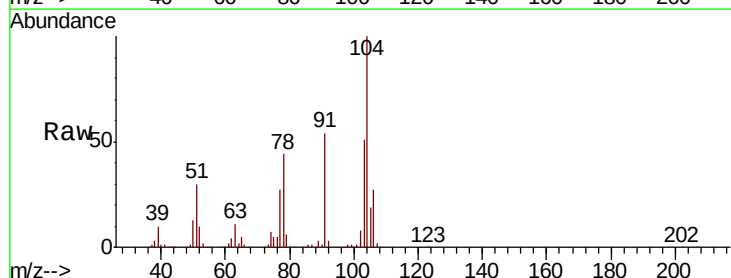
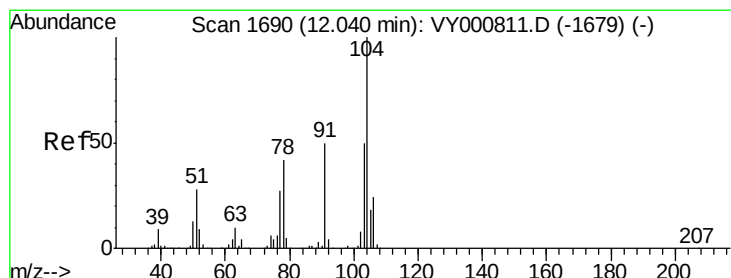
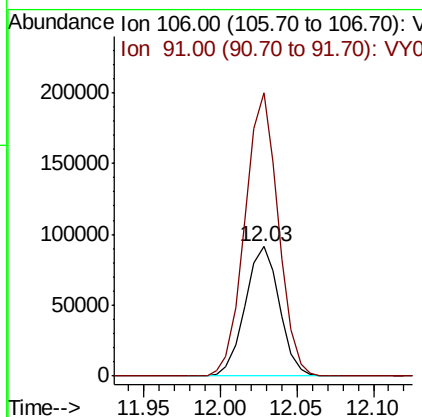
#69
o-Xylene
Concen: 20.666 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		142221		
91	213.0	106.1	318.1		

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

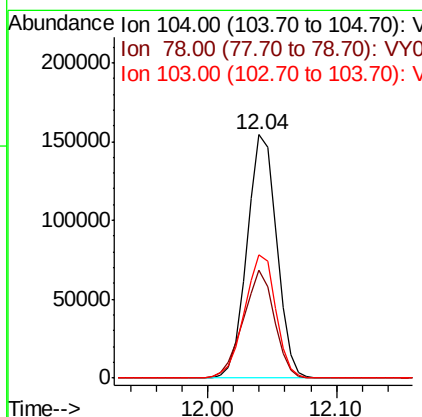
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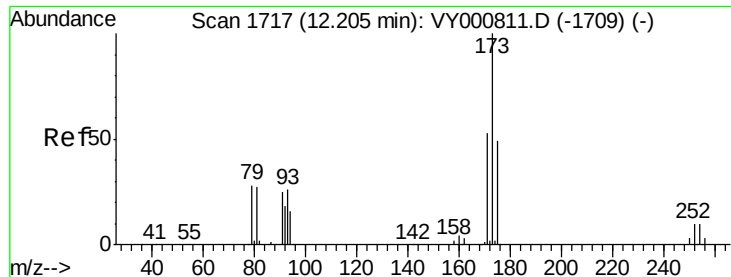
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#70
Styrene
Concen: 20.757 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		244599		
78	46.8	38.2	57.4		
103	53.6	43.4	65.0		





#71

Bromoform

Concen: 20.377 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:173 Resp: 40894

Ion Ratio Lower Upper

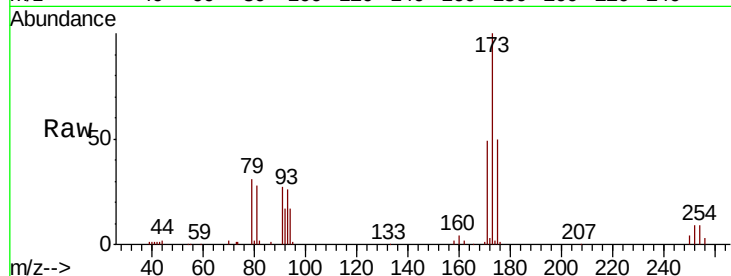
173 100

175 46.9 24.5 73.5

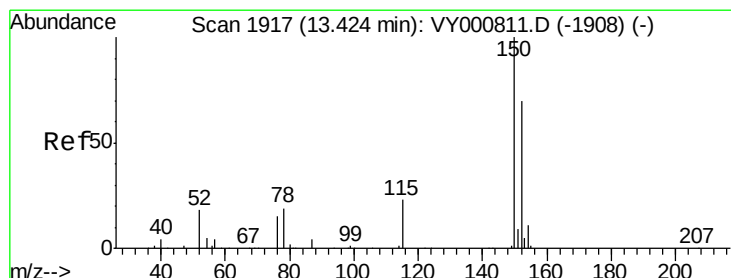
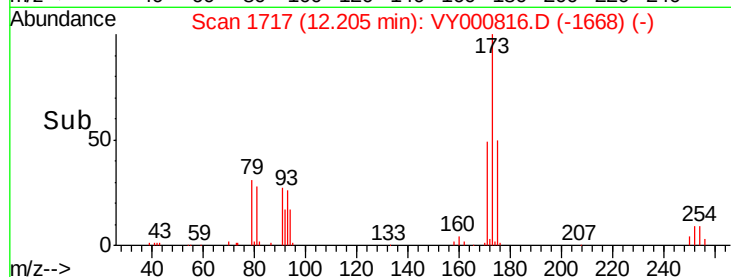
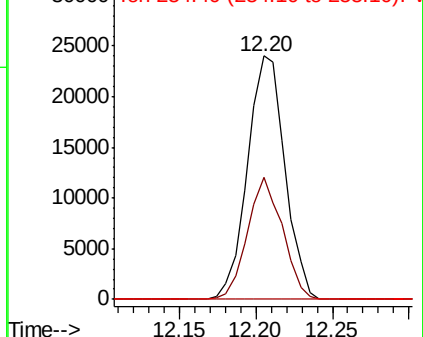
254 0.0 0.0 0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

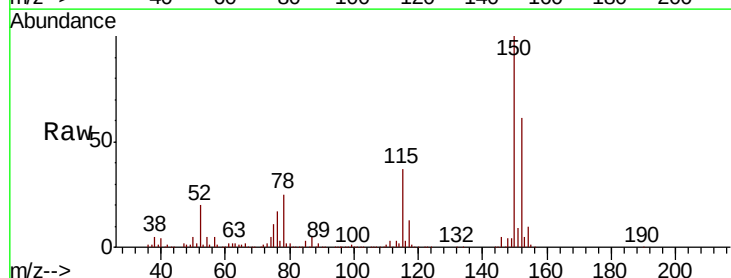
Tgt Ion:152 Resp: 239722

Ion Ratio Lower Upper

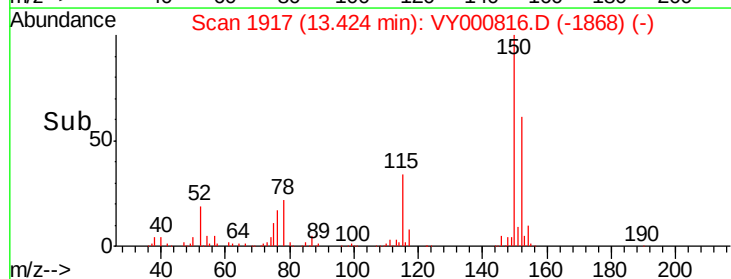
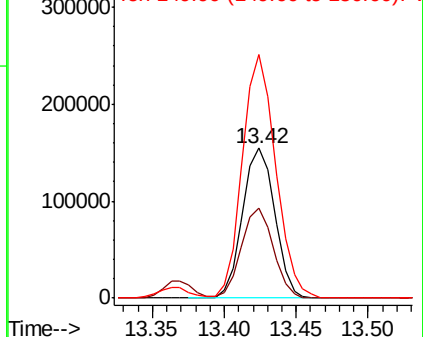
152 100

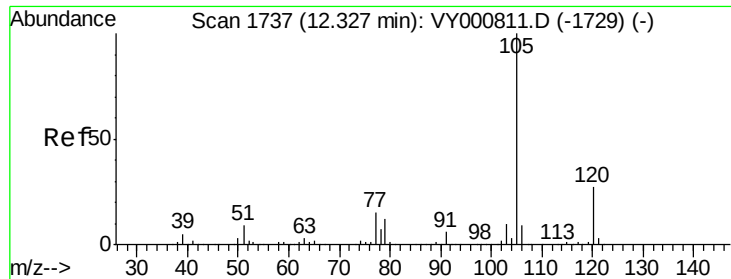
115 59.7 29.3 87.8

150 168.1 0.0 351.2



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: 20.175 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion: 105 Resp: 385083

Ion Ratio Lower Upper

105 100

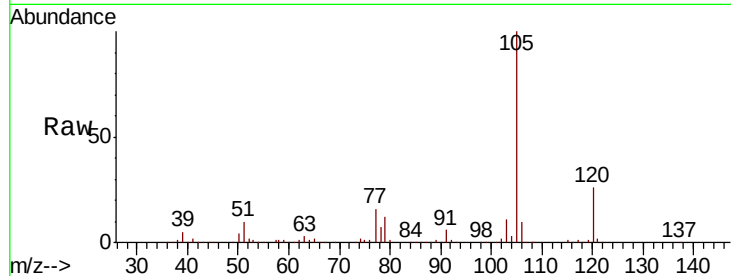
120 27.0 13.4 40.2

Manual Integrations

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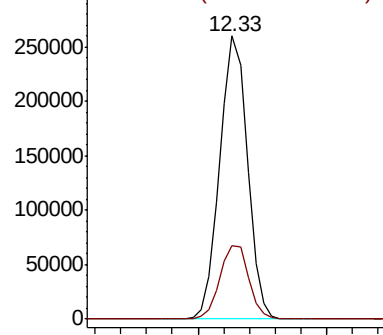
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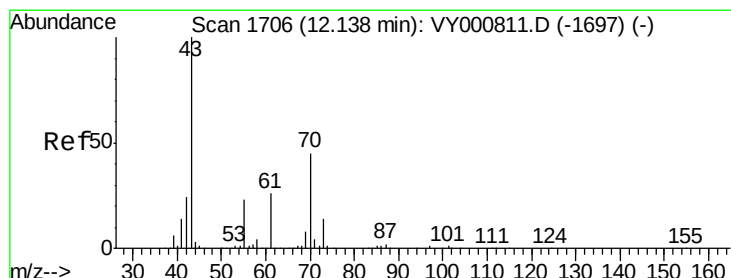
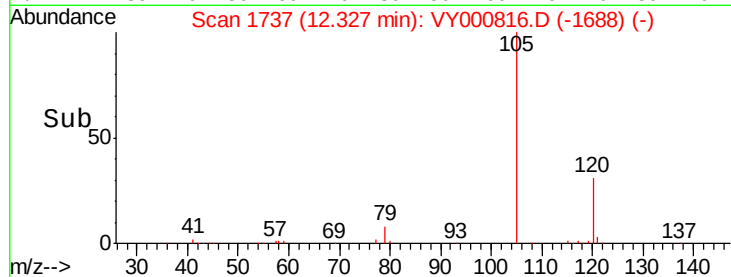


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 20.309 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion: 43 Resp: 107894

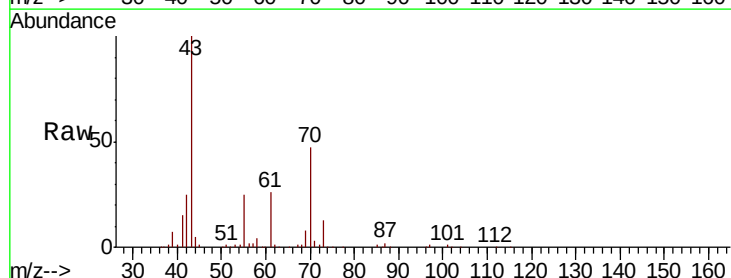
Ion Ratio Lower Upper

43 100

70 44.8 36.6 54.8

55 25.0 18.8 28.2

61 26.0 21.0 31.6

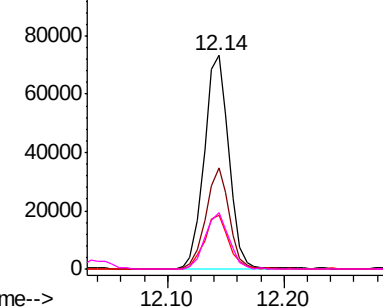


Abundance Ion 43.00 (42.70 to 43.70): VY0

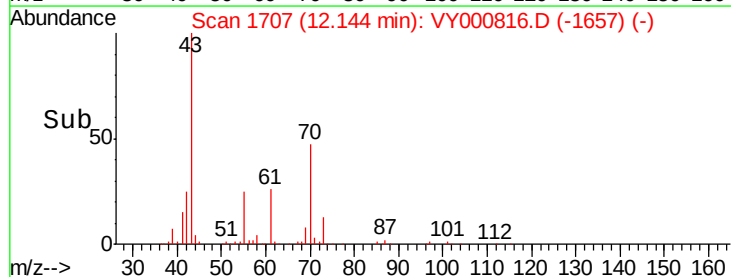
Ion 70.00 (69.70 to 70.70): VY0

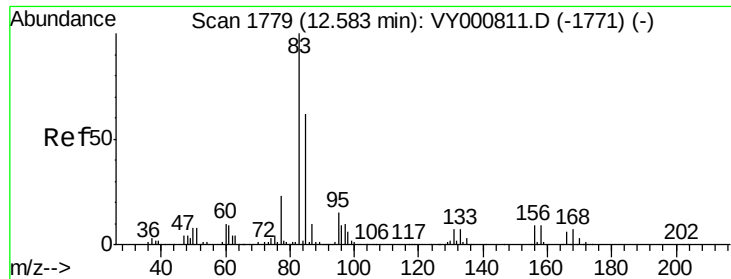
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.519 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

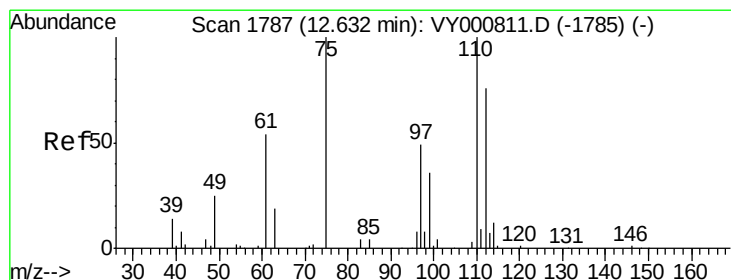
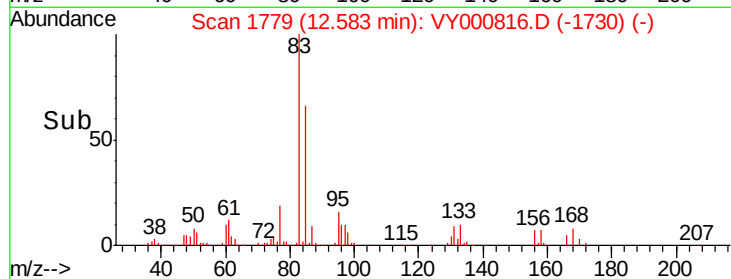
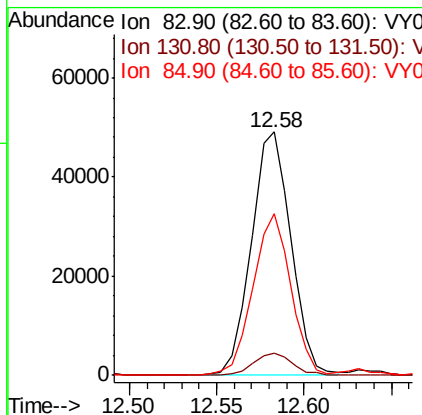
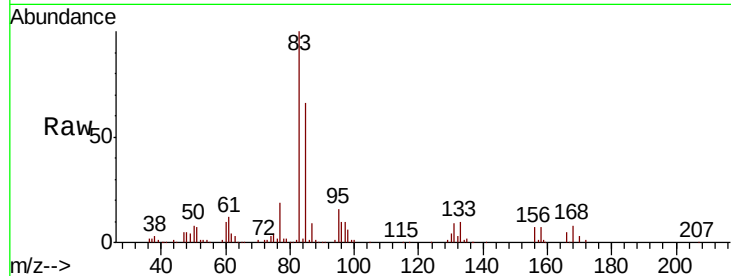
ClientSampleId :

VY1127SBS01

Tot Ion:	83	Resp:	77171
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.3	13.1
85	63.6	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 20.782 ug/l m

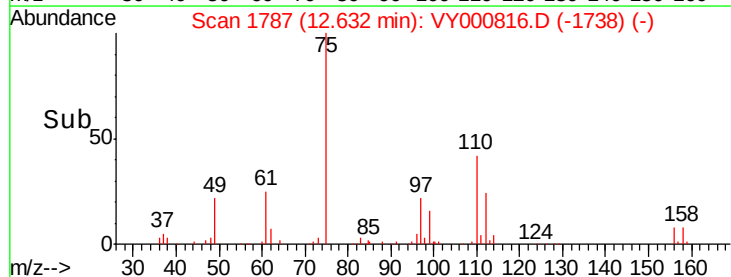
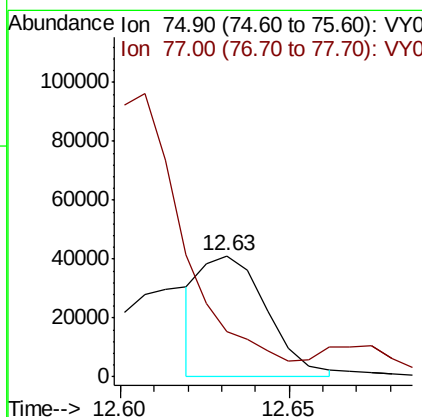
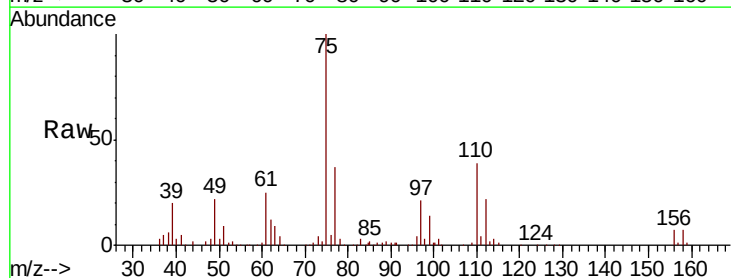
RT: 12.63 min Scan# 1787

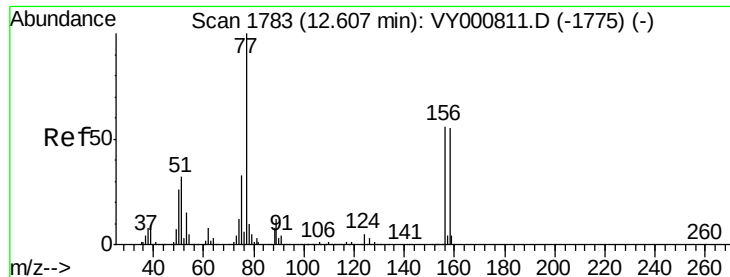
Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion:	75	Resp:	56445
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.835 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:156 Resp: 82065

Ion Ratio Lower Upper

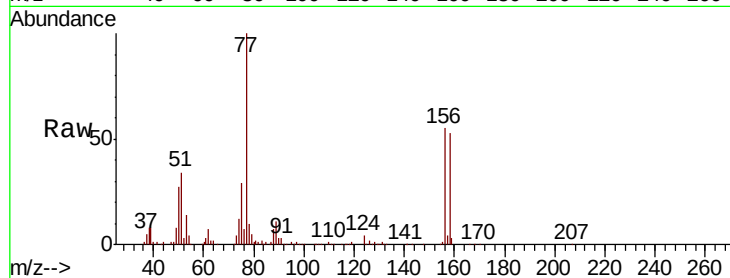
156 100

77 210.7 102.6 307.7

158 99.0 47.6 142.8

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APPROVED

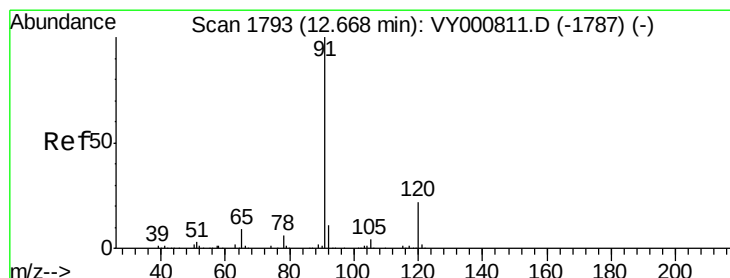
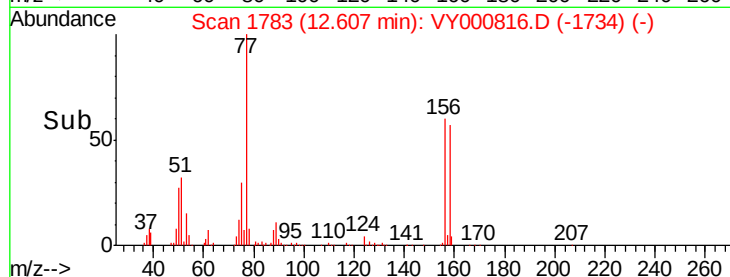
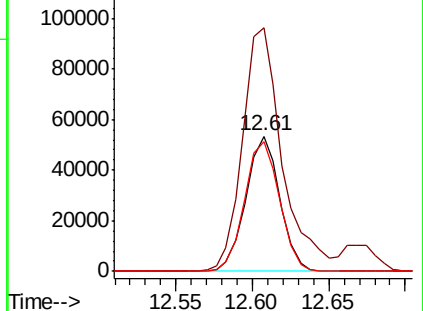
MMDadoda
12/2/2019 11:37:09 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.459 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY000816.D

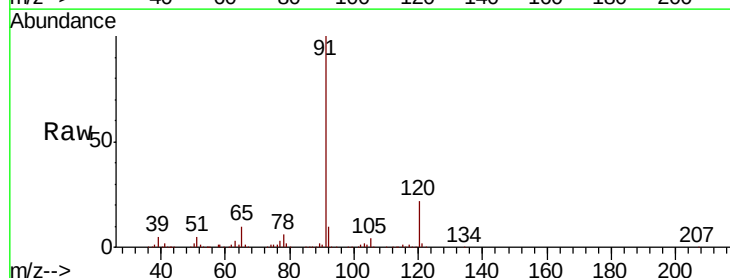
Acq: 27 Nov 2019 14:12

Tgt Ion: 91 Resp: 476809

Ion Ratio Lower Upper

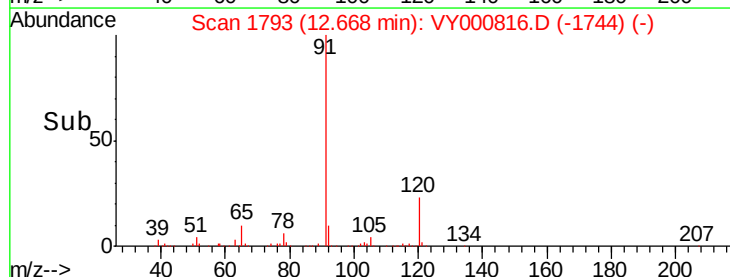
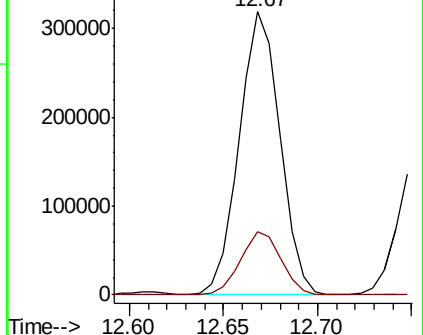
91 100

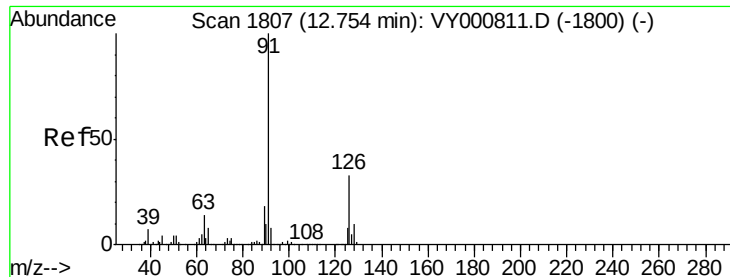
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





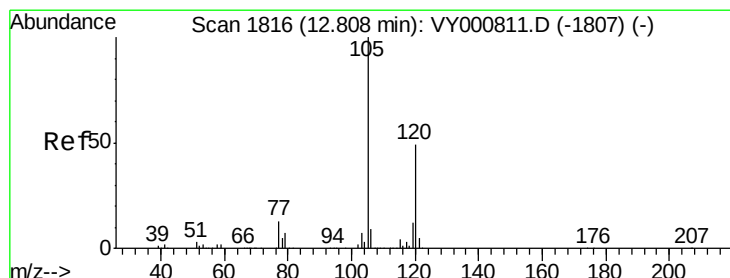
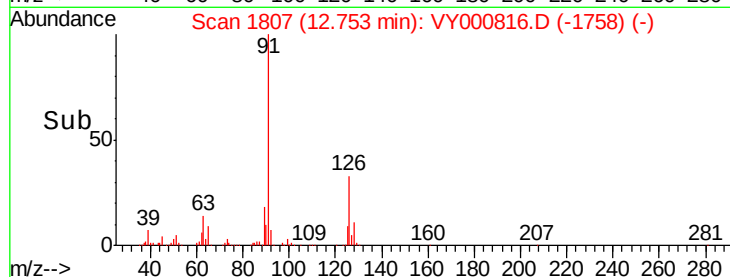
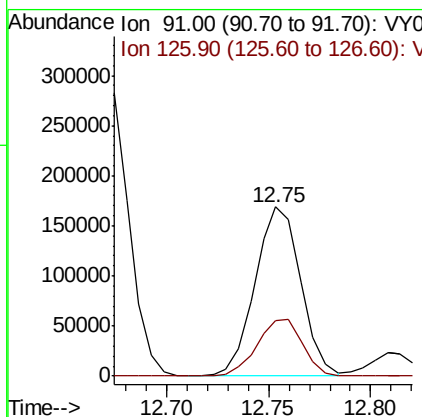
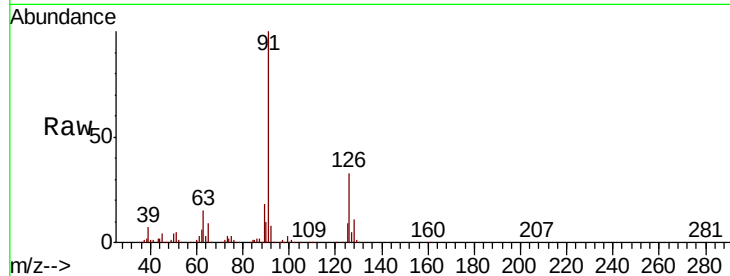
#79
 2-Chlorotoluene
 Concen: 20.374 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.0	51.0

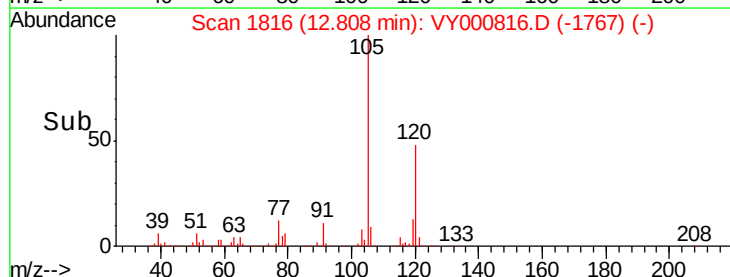
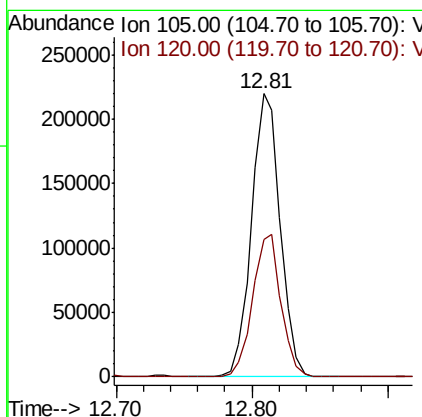
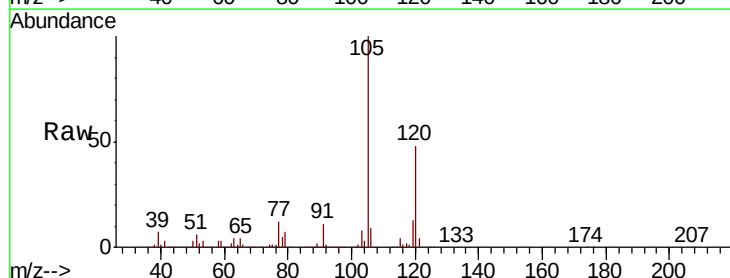
Manual Integrations
 APPROVED

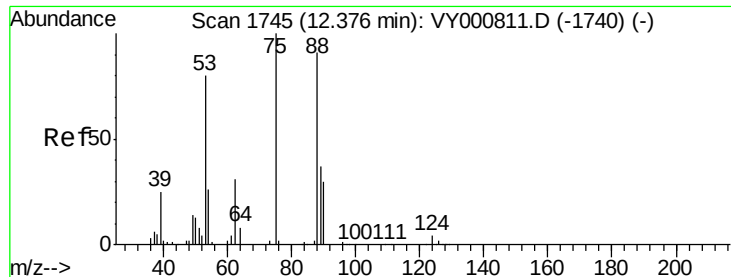
MMDadoda
 12/2/2019 11:37:09 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.598 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.6	24.6	74.0





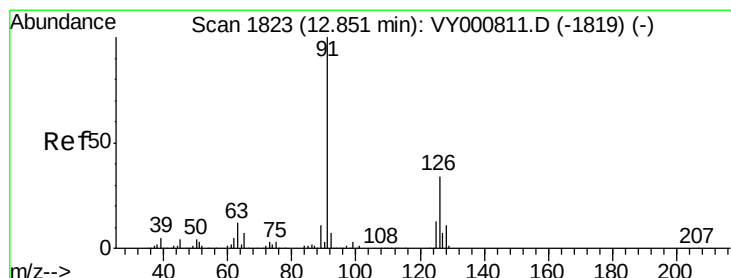
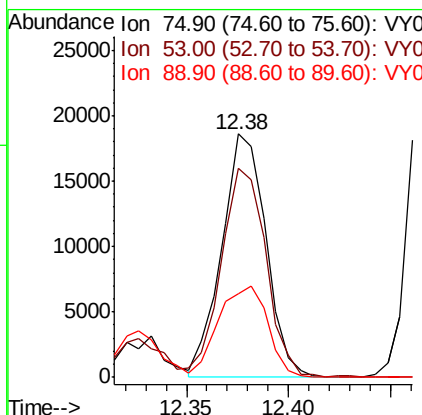
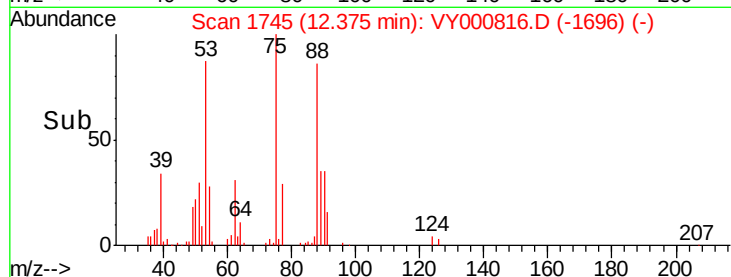
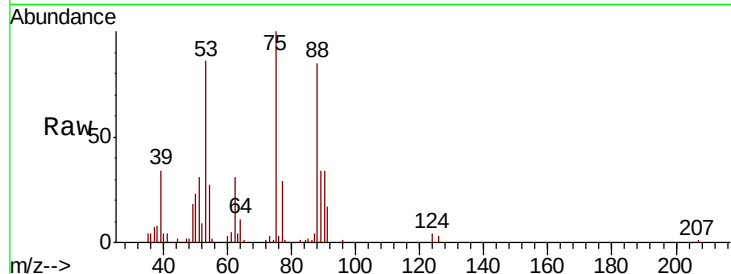
#81
trans-1,4-Dichloro-2-butene
Concen: 20.200 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.4	64.6	96.8
89	41.9	33.6	50.4

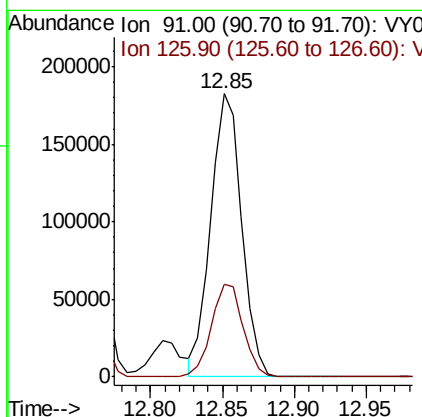
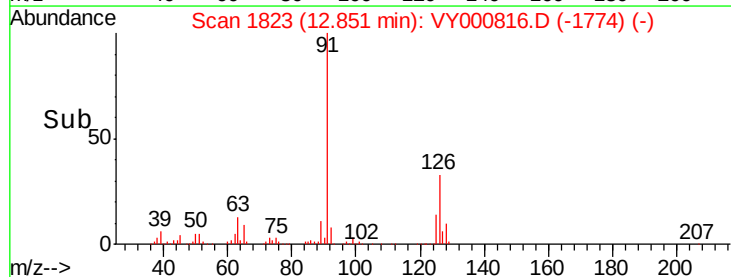
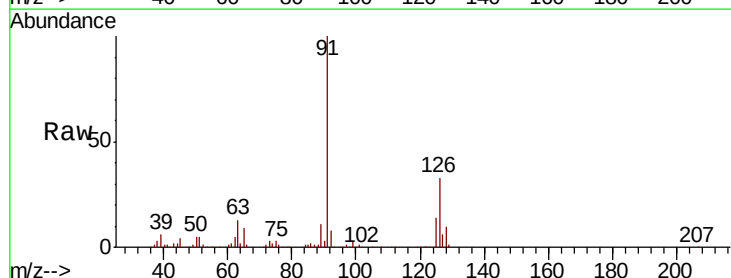
Manual Integrations
APPROVED

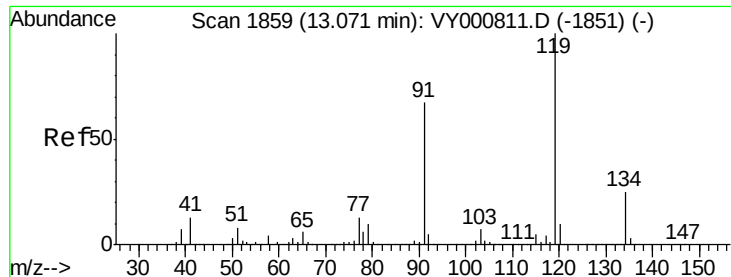
MMDadoda
12/2/2019 11:37:09 AM



#82
4-Chlorotoluene
Concen: 20.630 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.3	51.9





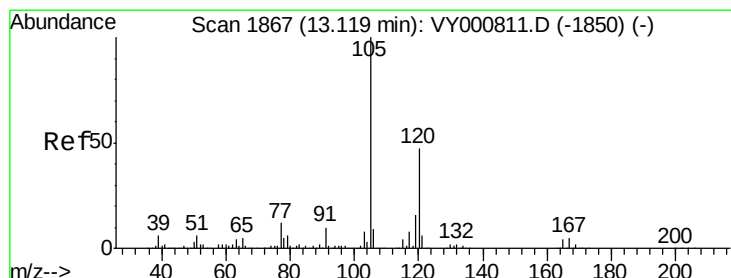
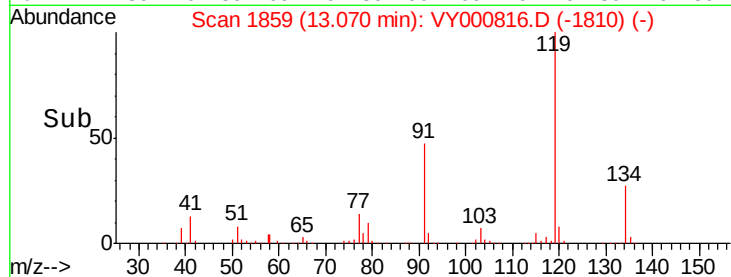
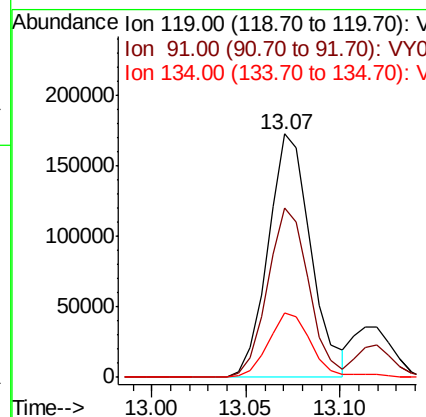
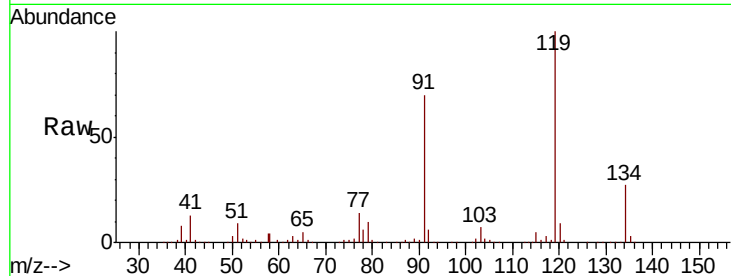
#83
 tert-Butylbenzene
 Concen: 20.401 ug/l
 RT: 13.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	271069		
91	66.7	32.3	96.8	
134	27.0	12.9	38.7	

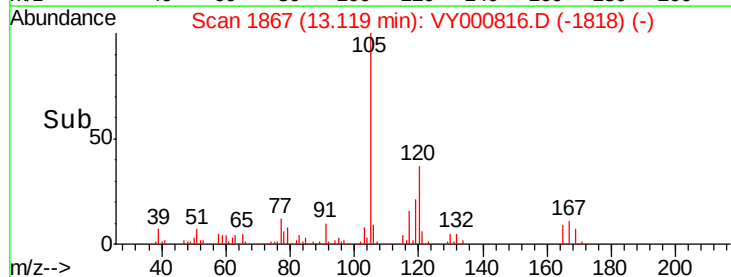
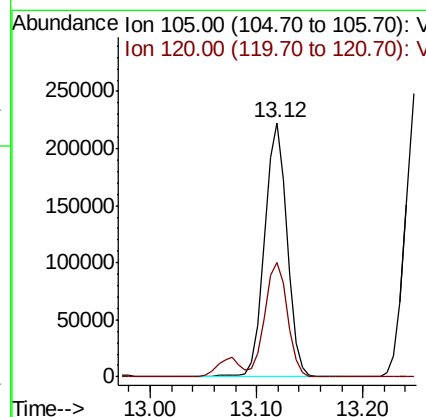
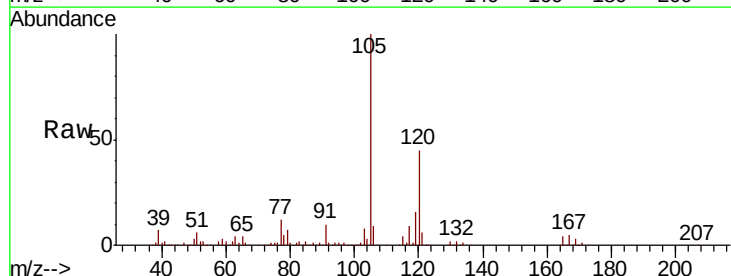
Manual Integrations
 APPROVED

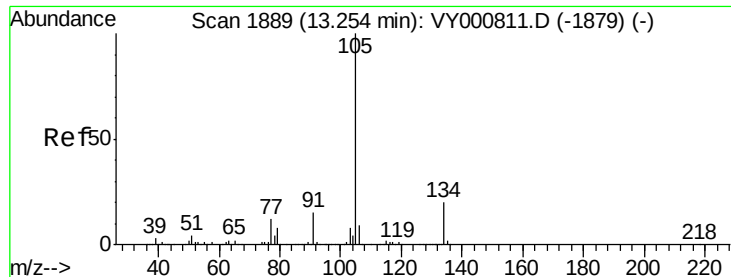
MMDadoda
 12/2/2019 11:37:09 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.845 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	329583		
120	45.5	22.6	67.8	





#85

sec-Butylbenzene

Concen: 20.647 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1127SBS01

Tot Ion:105 Resp: 398977

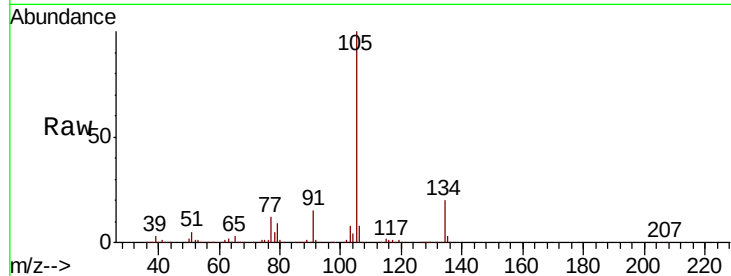
Ion Ratio Lower Upper

105 100

134 19.7 10.1 30.1

Manual Integrations
APPROVED

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12/2/2019 11:37:09 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

250000

200000

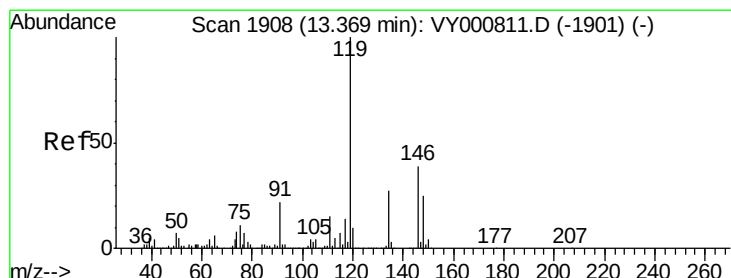
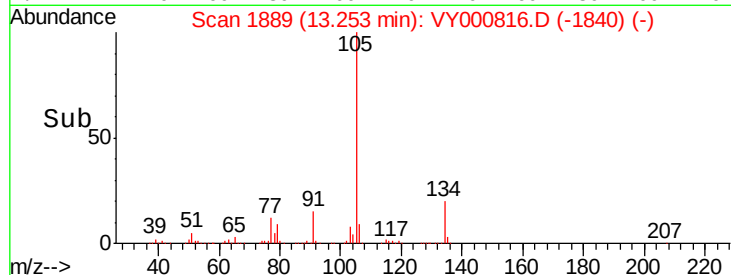
150000

100000

50000

0

Time--> 13.15 13.20 13.25 13.30



#86

p-Isopropyltoluene

Concen: 20.942 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

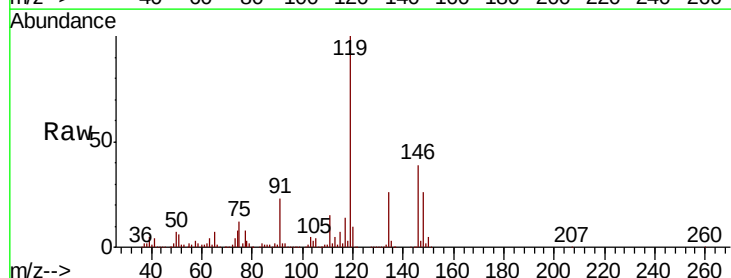
Tgt Ion:119 Resp: 351986

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

91 23.6 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

250000

200000

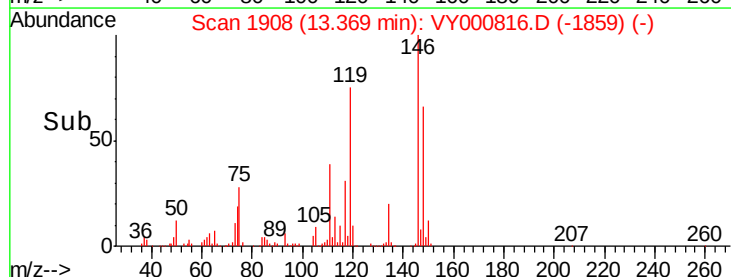
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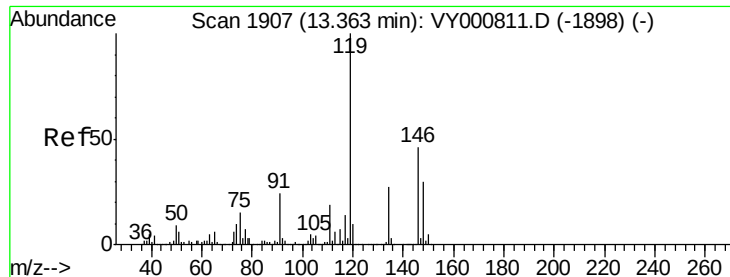
100000

50000

0

Time--> 13.30 13.35 13.40





#87

1,3-Dichlorobenzene

Concen: 20.646 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Instrument :

MSVOA_Y

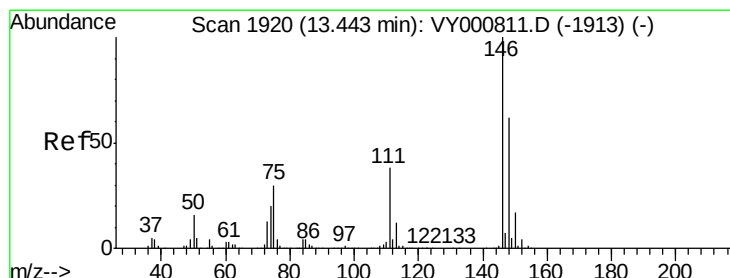
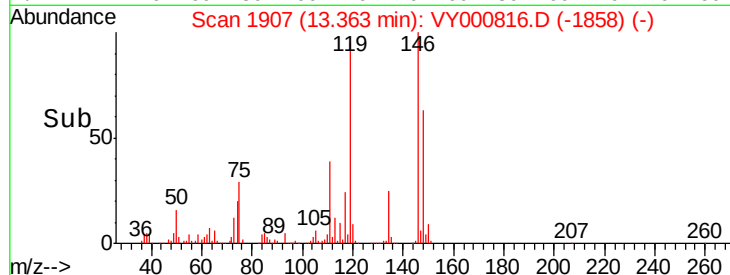
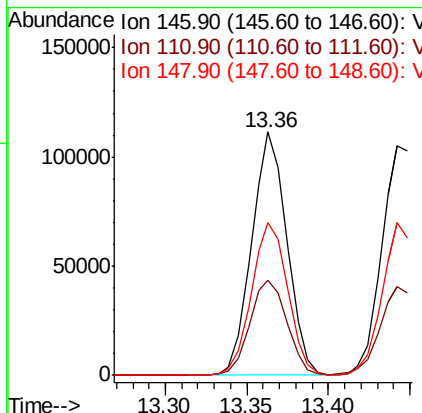
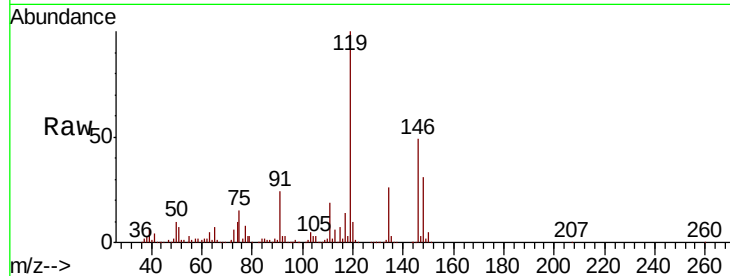
ClientSampleId :

VY1127SBS01

Tot Ion:	146	Resp:	167573
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.0	60.0
148	64.5	32.1	96.5

Manual Integrations
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12/2/2019 11:37:09 AM



#88

1,4-Dichlorobenzene

Concen: 21.089 ug/l

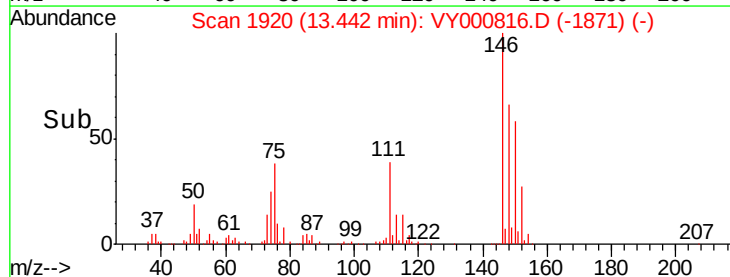
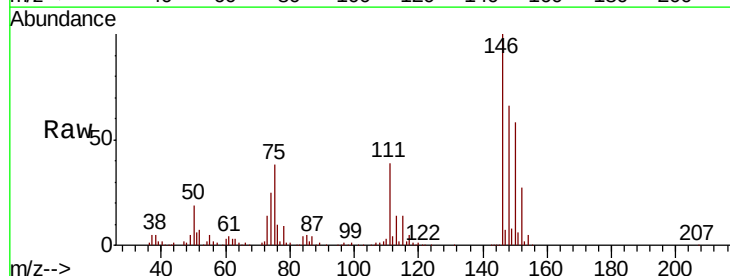
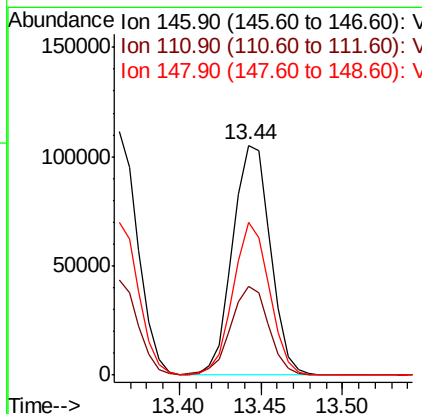
RT: 13.44 min Scan# 1920

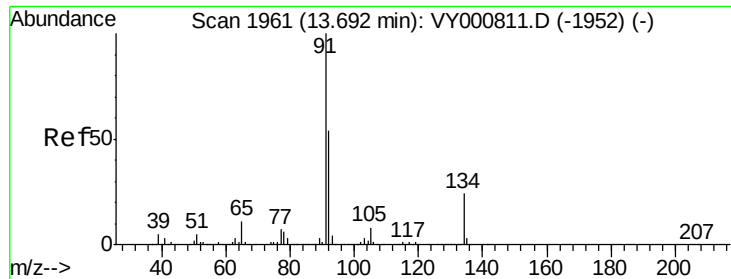
Delta R.T. -0.00 min

Lab File: VY000816.D

Acq: 27 Nov 2019 14:12

Tgt Ion:	146	Resp:	169480
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.0	59.9
148	64.1	31.7	95.1





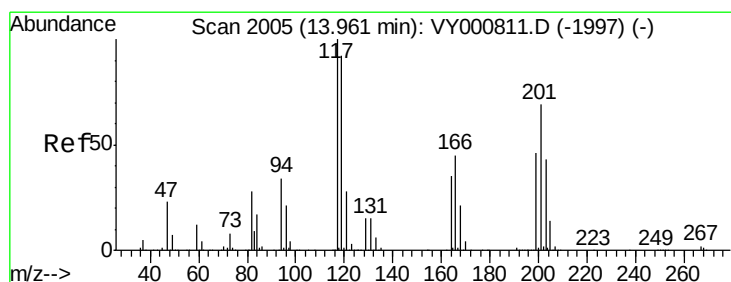
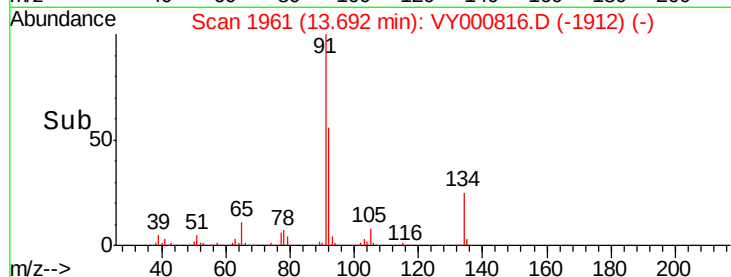
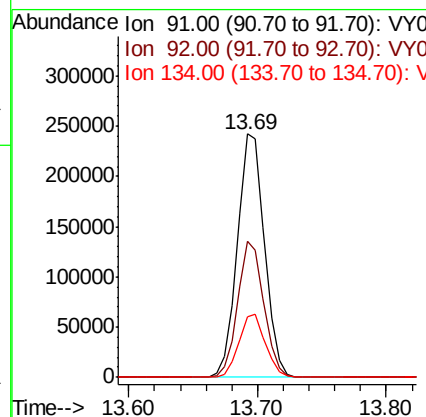
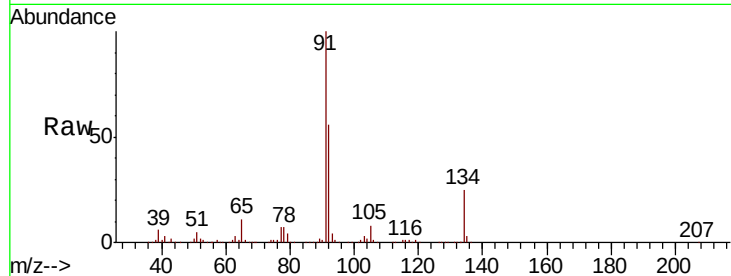
#89
n-Butylbenzene
Concen: 20.921 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.8	26.9	80.7	
134	25.5	12.6	37.6	

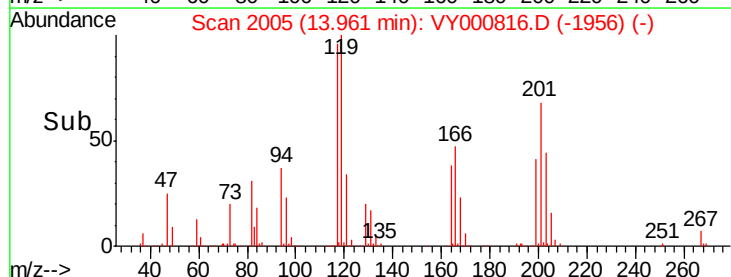
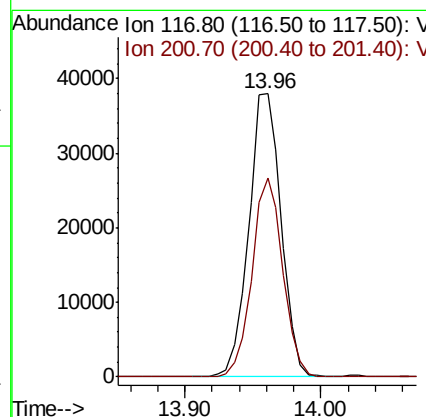
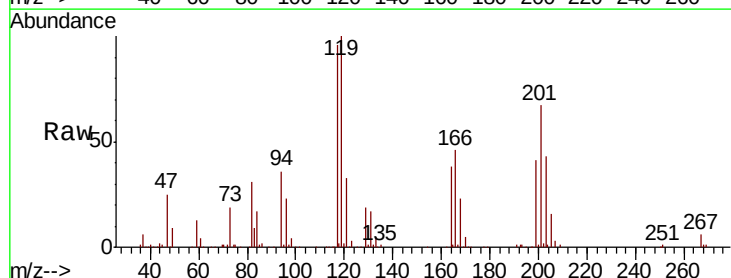
Manual Integrations
APPROVED

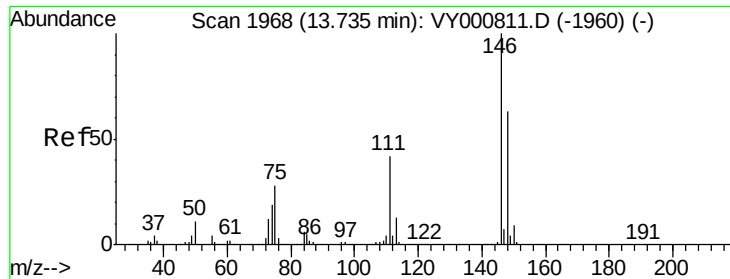
MMDadoda
12/2/2019 11:37:09 AM



#90
Hexachloroethane
Concen: 20.448 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	66.7	34.0	102.0	





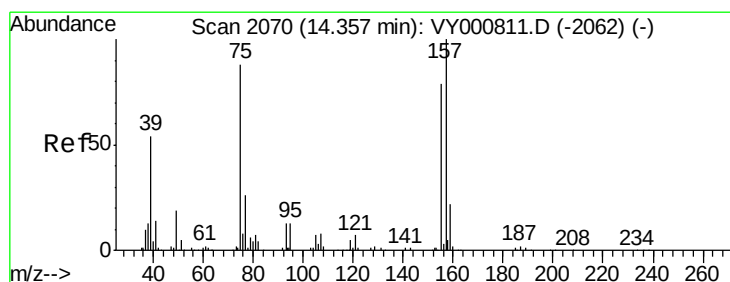
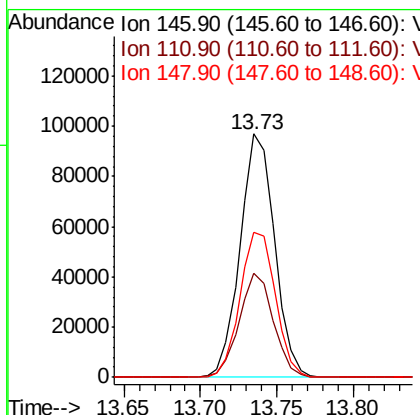
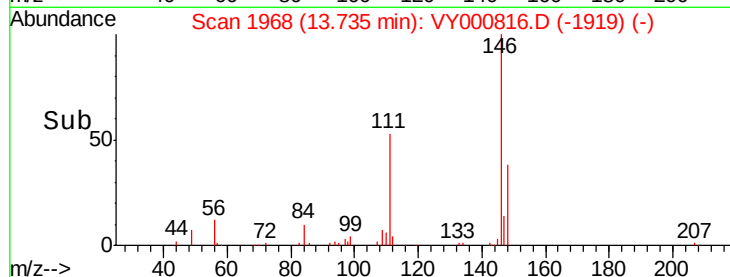
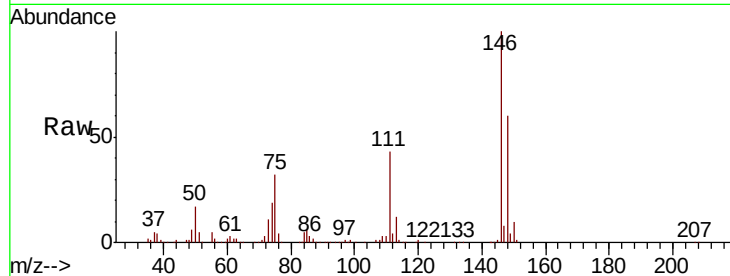
#91
 1,2-Dichlorobenzene
 Concen: 20.754 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.9	62.7
148	61.4	32.1	96.3

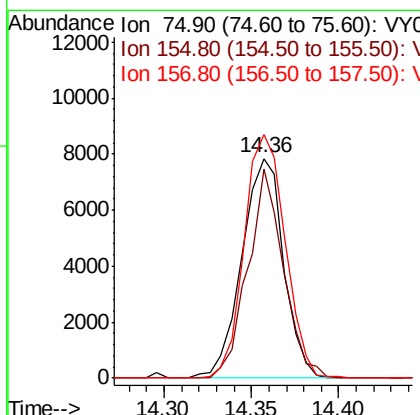
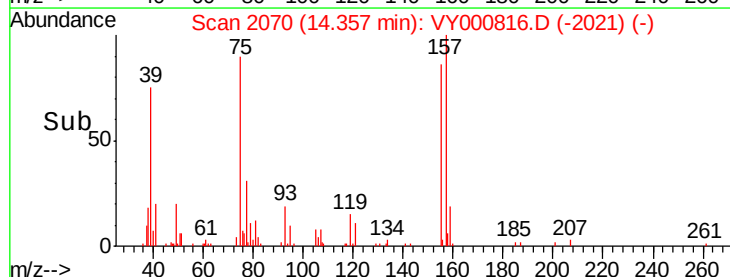
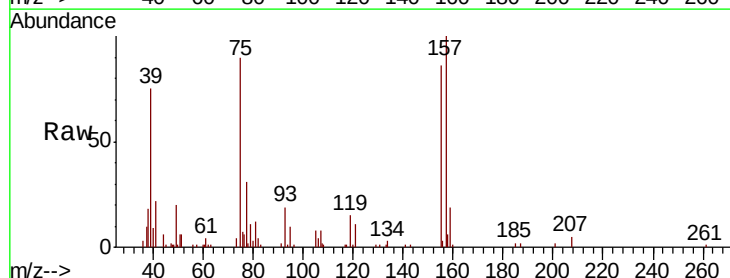
Manual Integrations
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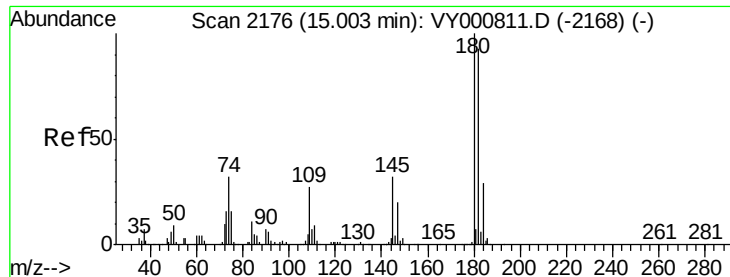
MMDadoda
 12/2/2019 11:37:09 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.623 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	44.3	132.9
157	108.9	56.3	168.9





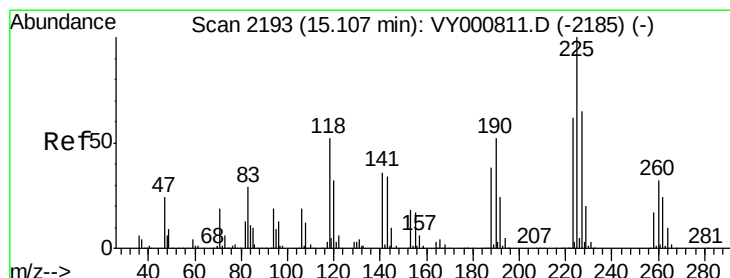
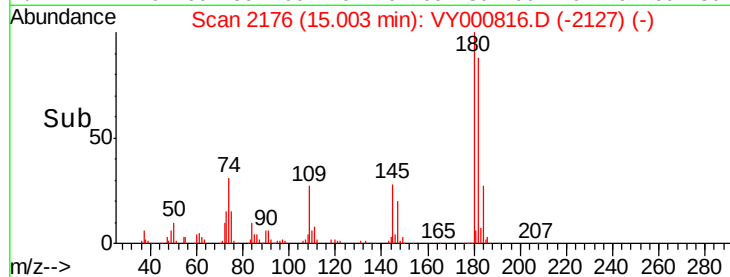
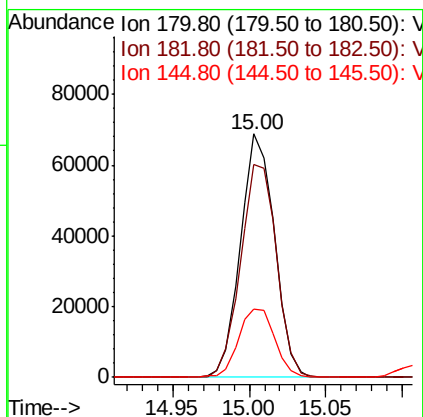
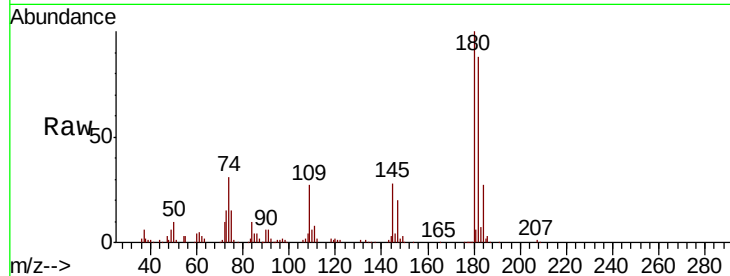
#93
 1,2,4-Trichlorobenzene
 Concen: 21.487 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.3	47.3	141.9	
145	30.0	16.0	47.9	

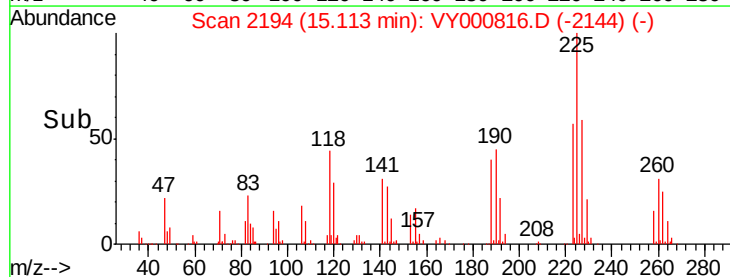
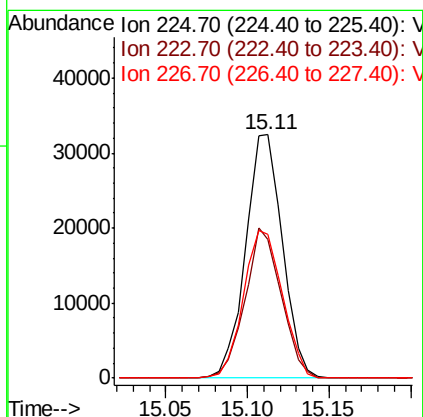
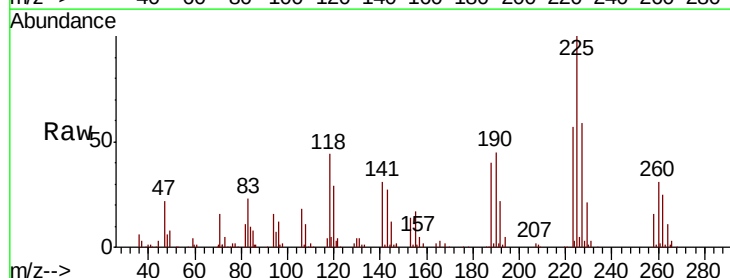
Manual Integrations
 APPROVED

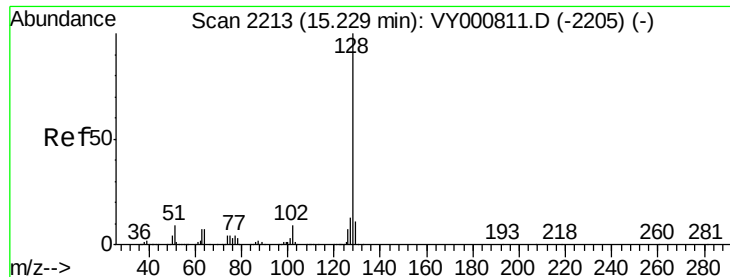
MMDadoda
 12/2/2019 11:37:09 AM



#94
 Hexachlorobutadiene
 Concen: 20.889 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.01 min
 Lab File: VY000816.D
 Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.5	31.4	94.3	
227	64.2	31.8	95.3	





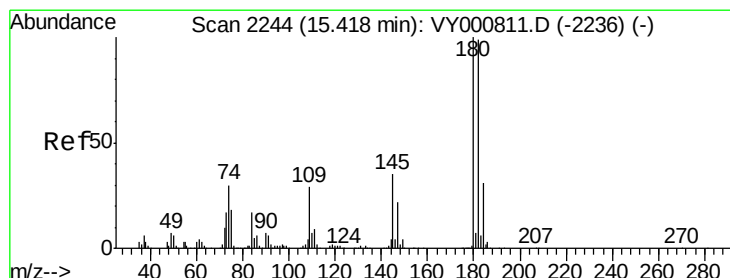
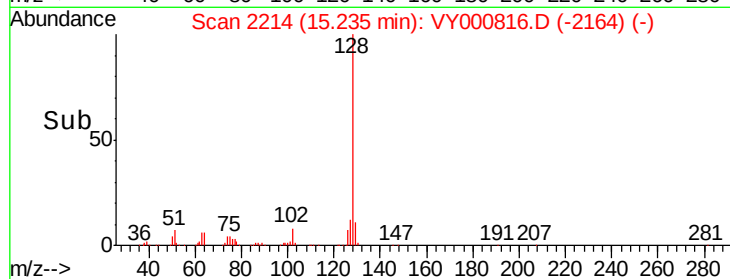
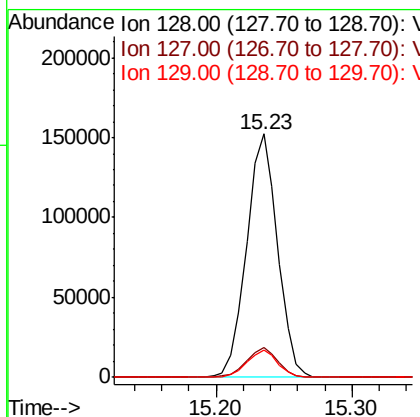
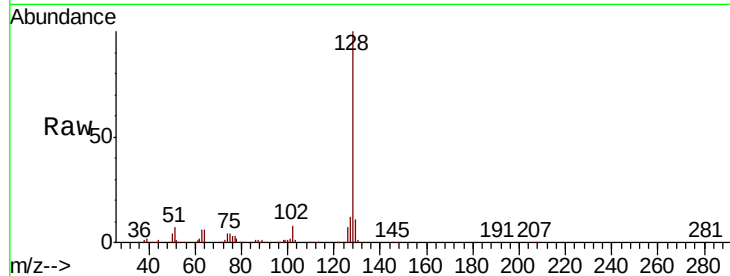
#95
Naphthalene
Concen: 21.122 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Instrument :
MSVOA_Y
ClientSampleId :
VY1127SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	242294		
127	12.3	10.1	15.1	
129	11.3	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 21.434 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000816.D
Acq: 27 Nov 2019 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	94583		
182	92.4	48.0	144.0	
145	33.5	16.9	50.6	

