

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111919\
 Data File : VY000739.D
 Acq On : 19 Nov 2019 12:41
 Operator : SY/MD
 Sample : VY1119SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2019 9:57:24 AM

Quant Time: Nov 19 15:43:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	212066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	358805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	320043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	160571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	120919	55.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.20%	
35) Dibromofluoromethane	7.72	113	106461	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
50) Toluene-d8	10.18	98	423513	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.48	95	150644	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	38618	18.499	ug/l	98
3) Chloromethane	2.12	50	53209	18.503	ug/l	96
4) Vinyl Chloride	2.25	62	52000	19.472	ug/l	99
5) Bromomethane	2.64	94	38206	23.858	ug/l	91
6) Chloroethane	2.79	64	34216	20.472	ug/l	100
7) Trichlorofluoromethane	3.13	101	74053	20.534	ug/l	100
8) Diethyl Ether	3.53	74	28444	22.197	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	44319	20.327	ug/l	99
10) Methyl Iodide	4.09	142	49003	19.182	ug/l	97
11) Tert butyl alcohol	4.96	59	22369	104.708	ug/l #	85
12) 1,1-Dichloroethene	3.88	96	43233	20.409	ug/l	91
13) Acrolein	3.73	56	13865	74.509	ug/l	96
14) Allyl chloride	4.48	41	73590	21.365	ug/l	99
15) Acrylonitrile	5.18	53	71380	108.737	ug/l	99
16) Acetone	3.95	43	55025	90.972	ug/l	97
17) Carbon Disulfide	4.19	76	125394	18.768	ug/l	100
18) Methyl Acetate	4.49	43	39297	20.895	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	123332	20.940	ug/l	96
20) Methylene Chloride	4.72	84	53575	20.671	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	50478	21.078	ug/l	95
22) Diisopropyl ether	6.13	45	161880	21.622	ug/l	93
23) Vinyl Acetate	6.07	43	513596	108.674	ug/l	96
24) 1,1-Dichloroethane	6.02	63	86093	21.227	ug/l	95
25) 2-Butanone	6.99	43	95753	99.193	ug/l	99
26) 2,2-Dichloropropane	6.99	77	76343	20.597	ug/l	97
27) cis-1,2-Dichloroethene	6.99	96	56866	21.716	ug/l	98
28) Bromochloromethane	7.34	49	22125	15.075	ug/l	89
29) Tetrahydrofuran	7.35	42	63269	107.137	ug/l	99
30) Chloroform	7.51	83	91877	22.393	ug/l	95
31) Cyclohexane	7.79	56	85667	20.166	ug/l #	94
32) 1,1,1-Trichloroethane	7.71	97	77735	21.258	ug/l	100
36) 1,1-Dichloropropene	7.93	75	72273	21.307	ug/l	97
37) Ethyl Acetate	7.08	43	42548	21.128	ug/l	98
38) Carbon Tetrachloride	7.91	117	69270	21.223	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	88486	20.192	ug/l	96
40) Benzene	8.16	78	206166	20.732	ug/l	98
41) Methacrylonitrile	7.33	41	29307m	26.087	ug/l	
42) 1,2-Dichloroethane	8.24	62	59718	21.173	ug/l	99
43) Isopropyl Acetate	8.28	43	77183	20.403	ug/l	99
44) Trichloroethene	8.94	130	57114	21.783	ug/l	90
45) 1,2-Dichloropropane	9.22	63	51215	20.925	ug/l	94
46) Dibromomethane	9.32	93	28520	21.188	ug/l	98
47) Bromodichloromethane	9.50	83	67052	20.994	ug/l	96
48) Methyl methacrylate	9.30	41	37026	22.401	ug/l	93
49) 1,4-Dioxane	9.31	88	7232	399.211	ug/l #	85
51) 4-Methyl-2-Pentanone	10.07	43	212039	105.423	ug/l	99
52) Toluene	10.24	92	127757	20.320	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	71948	21.083	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	80968	20.710	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	40867	20.991	ug/l	93
56) Ethyl methacrylate	10.51	69	60397	21.888	ug/l	97
57) 1,3-Dichloropropane	10.79	76	73452	21.556	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.78	63	130439	104.561	ug/l	100
59) 2-Hexanone	10.83	43	148581	101.391	ug/l	98
60) Dibromochloromethane	10.99	129	46394	20.804	ug/l	98
61) 1,2-Dibromoethane	11.09	107	39303	20.996	ug/l	99
64) Tetrachloroethene	10.72	164	55836	21.099	ug/l	98
65) Chlorobenzene	11.52	112	135696	20.912	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	46354	20.598	ug/l	95
67) Ethyl Benzene	11.59	91	251966	21.099	ug/l	98
68) m/p-Xylenes	11.70	106	191774	41.490	ug/l	96
69) o-Xylene	12.03	106	90647	20.867	ug/l	99
70) Styrene	12.05	104	155608	20.919	ug/l	99
71) Bromoform	12.20	173	26121	20.180	ug/l #	97
73) Isopropylbenzene	12.33	105	244573	20.609	ug/l	100
74) N-amyl acetate	12.14	43	70578	20.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	49623	21.118	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	43137m	23.594	ug/l	
77) Bromobenzene	12.61	156	55512	20.627	ug/l	98
78) n-propylbenzene	12.67	91	298564	20.851	ug/l	100
79) 2-Chlorotoluene	12.75	91	161904	20.367	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	204517	20.692	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16115	19.762	ug/l	92
82) 4-Chlorotoluene	12.85	91	172552	20.940	ug/l	99
83) tert-Butylbenzene	13.07	119	173952	20.613	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	205314	20.863	ug/l	98
85) sec-Butylbenzene	13.25	105	250976	20.874	ug/l	98
86) p-Isopropyltoluene	13.37	119	224848	20.983	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	110314	20.928	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	108481	20.595	ug/l	99
89) n-Butylbenzene	13.69	91	220468	20.860	ug/l	99
90) Hexachloroethane	13.96	117	39225	19.800	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	100022	20.914	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	7933	19.076	ug/l	98

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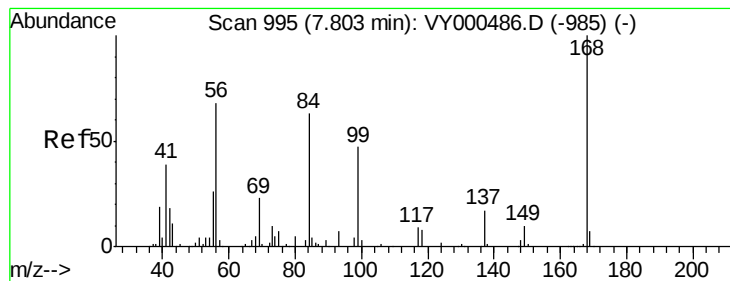
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	67342	20.680	ug/l	98
94) Hexachlorobutadiene	15.11	225	34431	20.511	ug/l	97
95) Naphthalene	15.23	128	148082	20.484	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	61324	20.990	ug/l	99

(#) = 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: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion:168 Resp: 212066

Ion Ratio Lower Upper

168 100

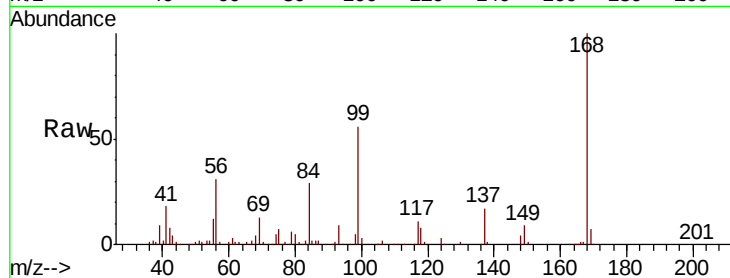
99 56.3 45.7 68.5

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Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

100000

80000

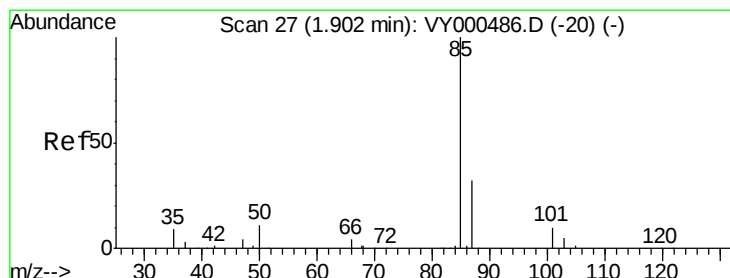
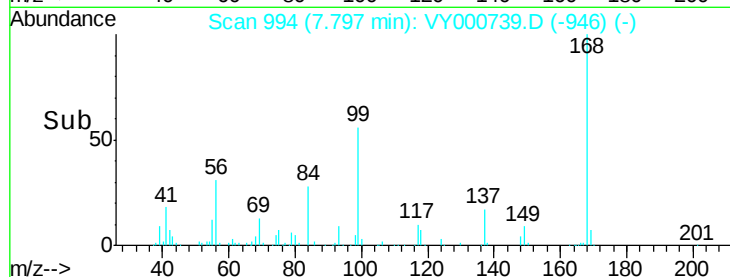
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.499 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.00 min

Lab File: VY000739.D

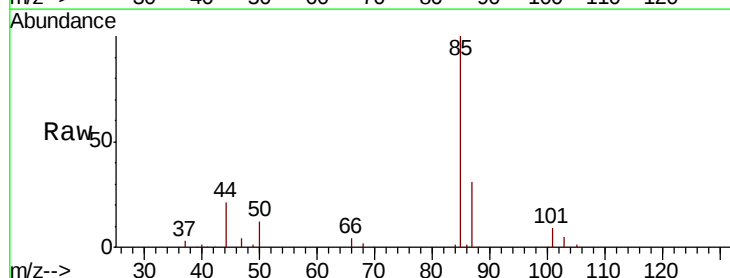
Acq: 19 Nov 2019 12:41

Tgt Ion: 85 Resp: 38618

Ion Ratio Lower Upper

85 100

87 30.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY000486.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY000486.D (-20) (-)

1.90

25000

20000

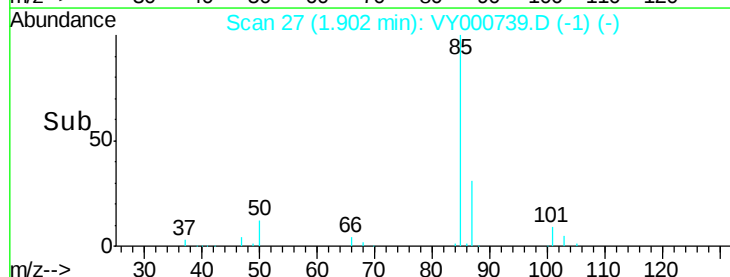
15000

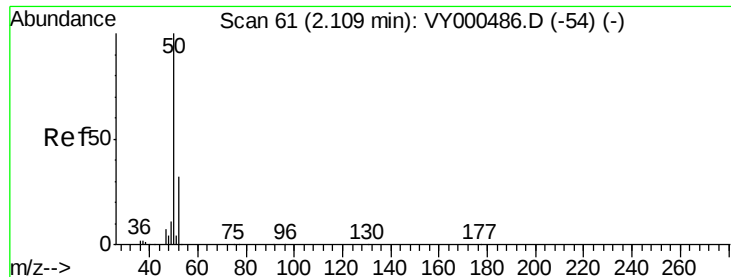
10000

5000

0

Time-->





#3

Chloromethane

Concen: 18.503 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 50 Resp: 53209

Ion Ratio Lower Upper

50 100

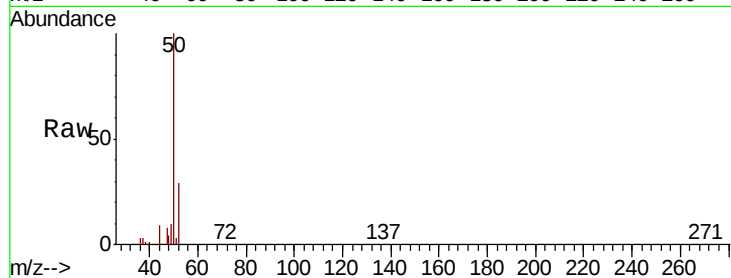
52 29.4 25.2 37.8

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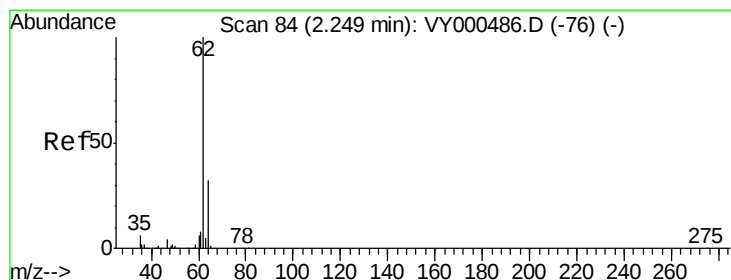
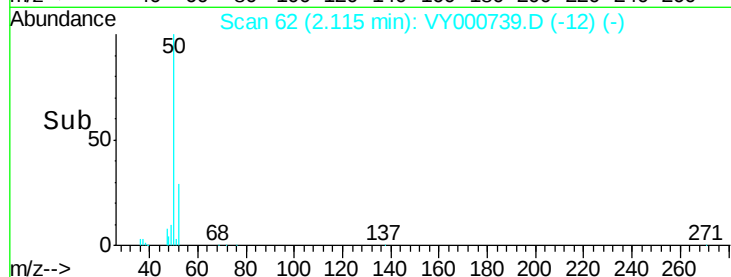
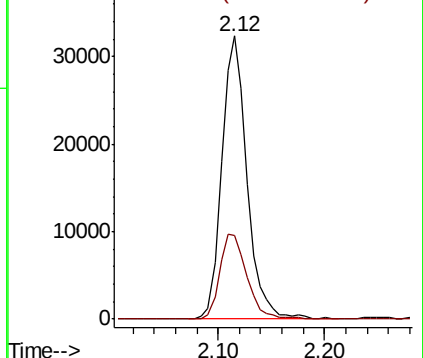
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.472 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000739.D

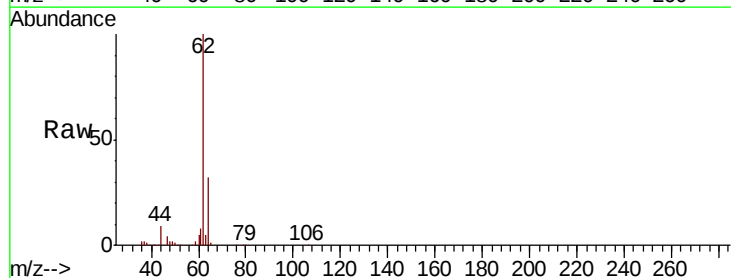
Acq: 19 Nov 2019 12:41

Tgt Ion: 62 Resp: 52000

Ion Ratio Lower Upper

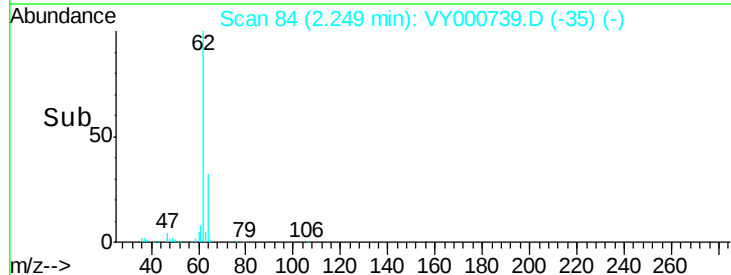
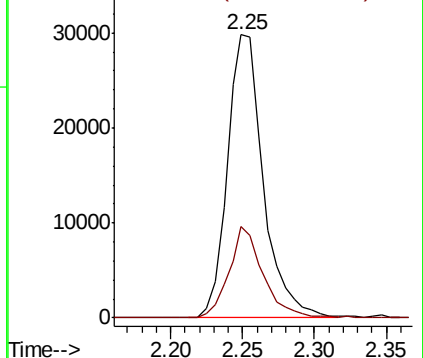
62 100

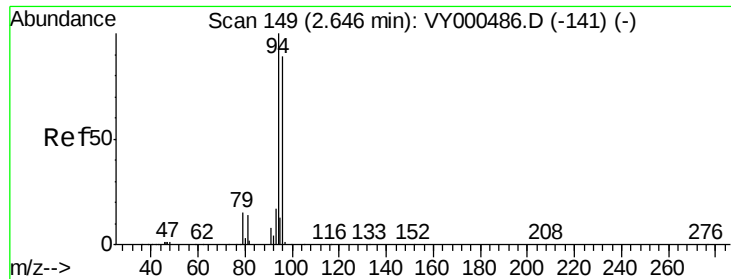
64 32.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 23.858 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 94 Resp: 38206

Ion Ratio Lower Upper

94 100

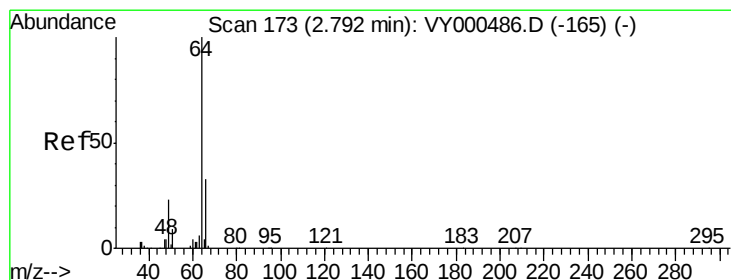
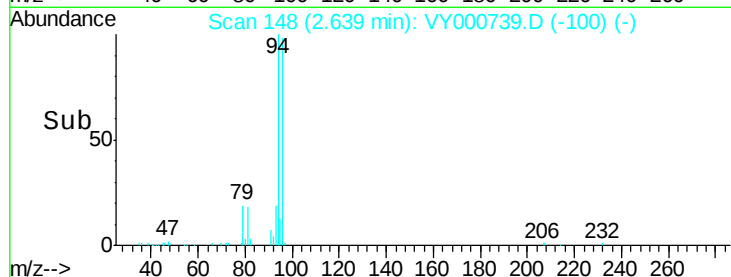
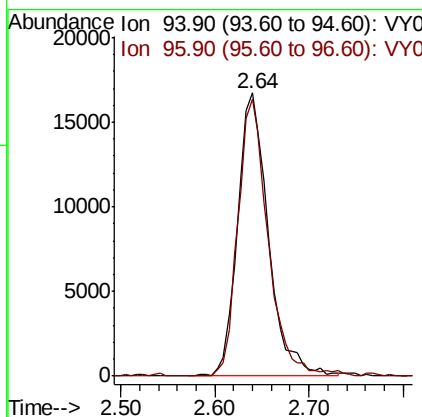
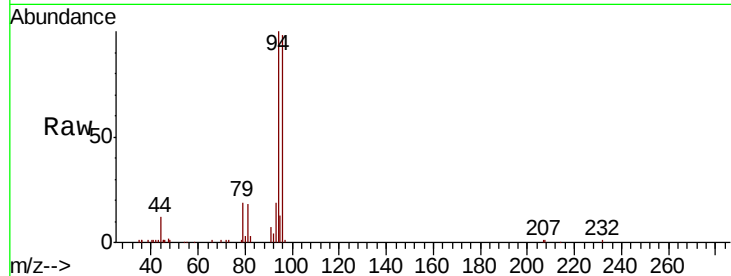
96 97.7 71.2 106.8

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#6

Chloroethane

Concen: 20.472 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000739.D

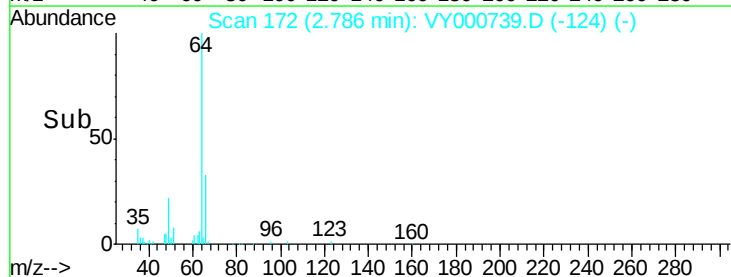
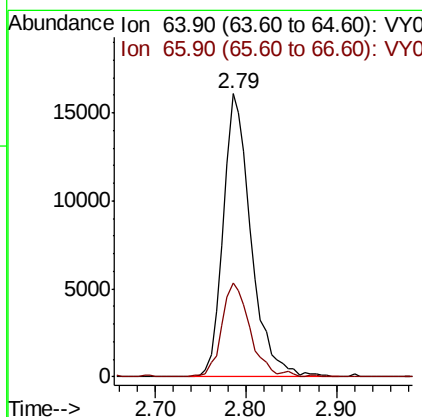
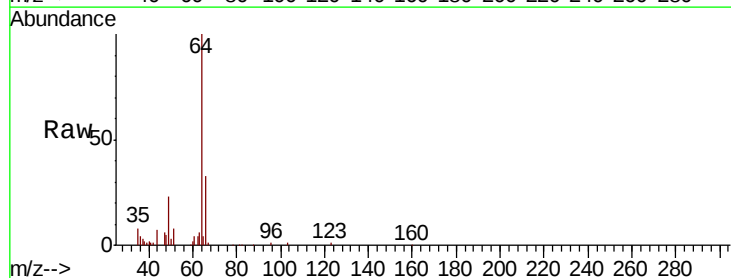
Acq: 19 Nov 2019 12:41

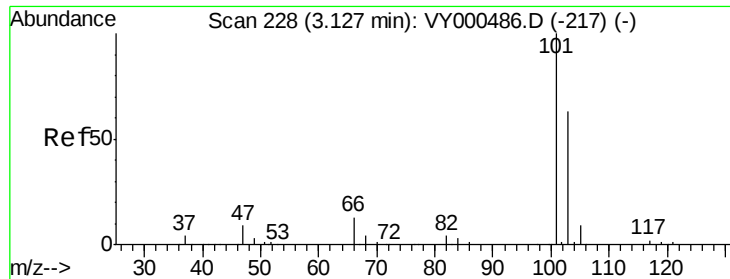
Tgt Ion: 64 Resp: 34216

Ion Ratio Lower Upper

64 100

66 33.2 26.6 40.0





#7

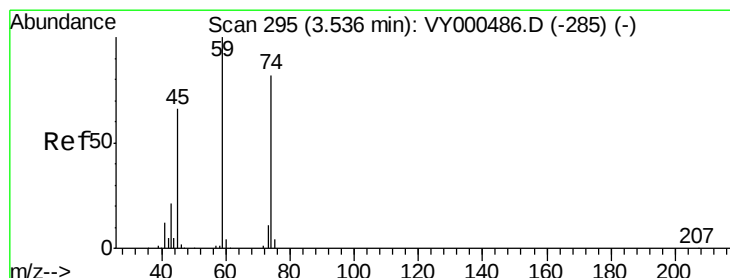
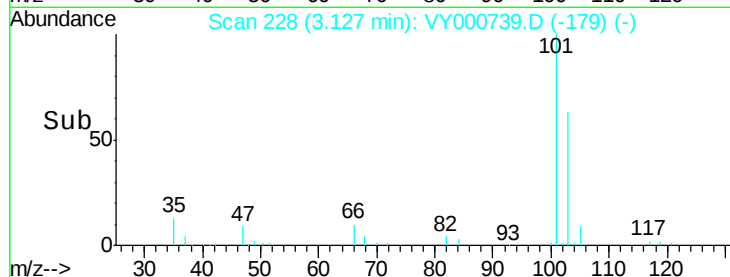
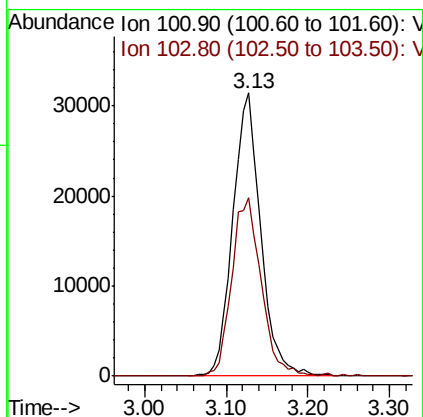
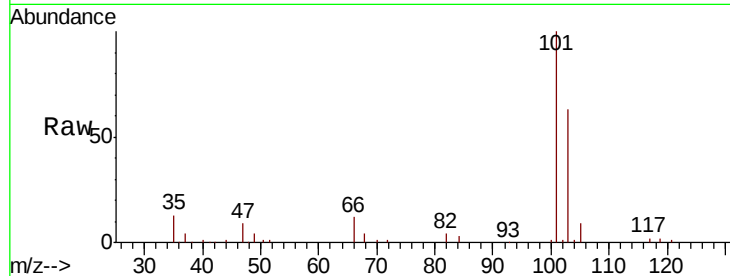
Trichlorofluoromethane
Concen: 20.534 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
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ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.5	75.7

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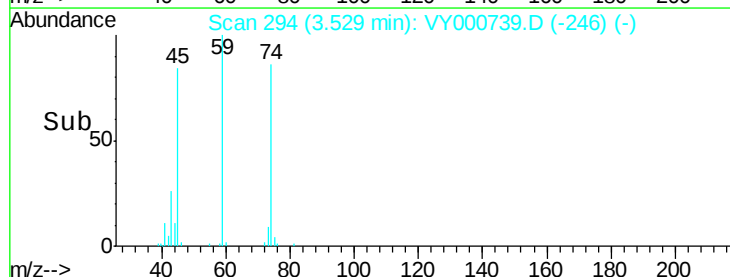
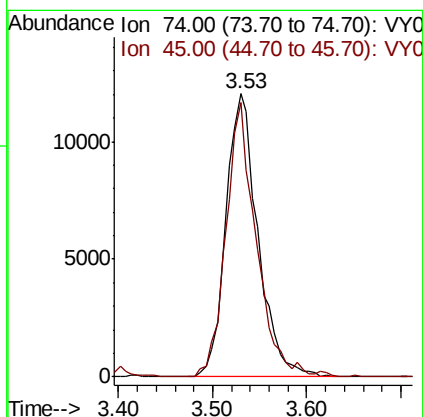
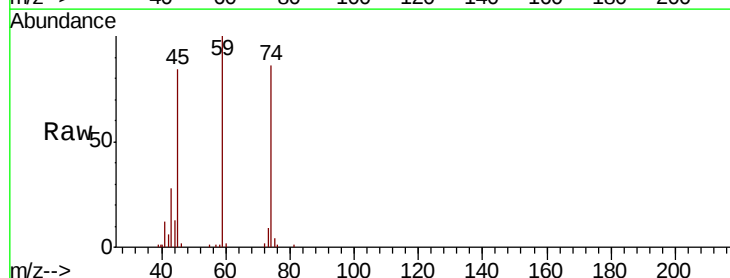
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#8

Diethyl Ether
Concen: 22.197 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	45.5	136.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.327 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

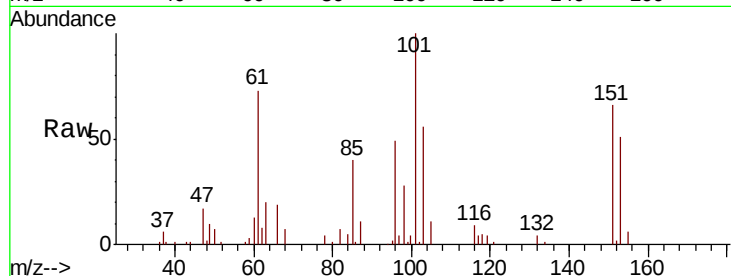
ClientSampleId :

VY1119SBS01

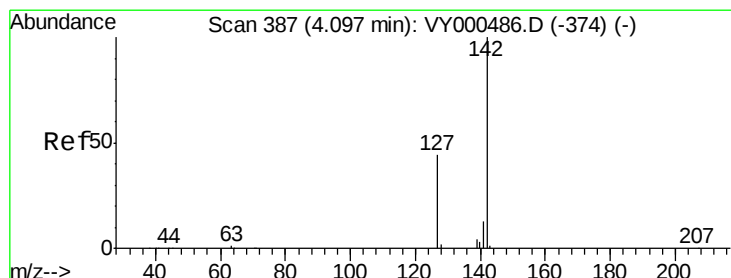
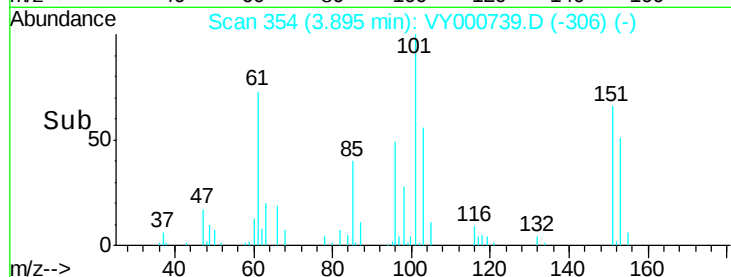
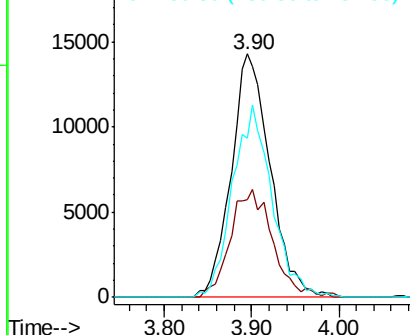
Tot Ion:	101	Resp:	44319
Ion Ratio	Lower	Upper	
101	100		
85	47.4	36.7	55.1
151	79.5	64.3	96.5

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VY0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.182 ug/l

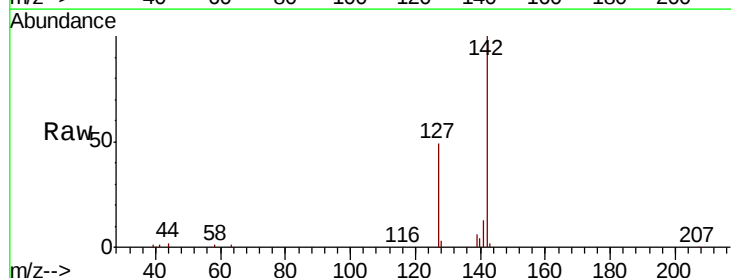
RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

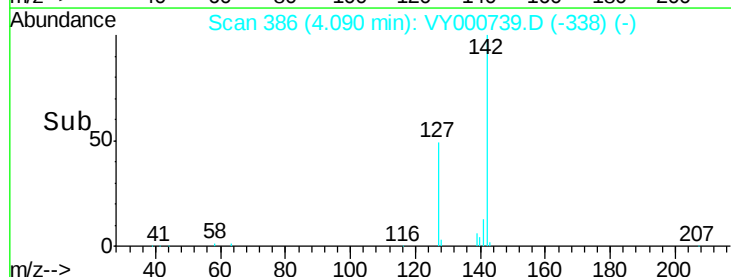
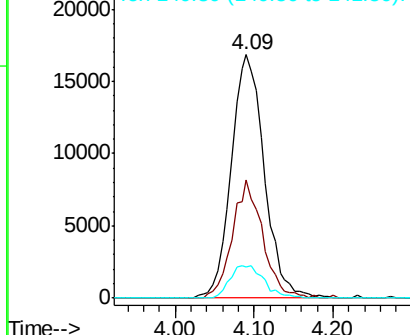
Lab File: VY000739.D

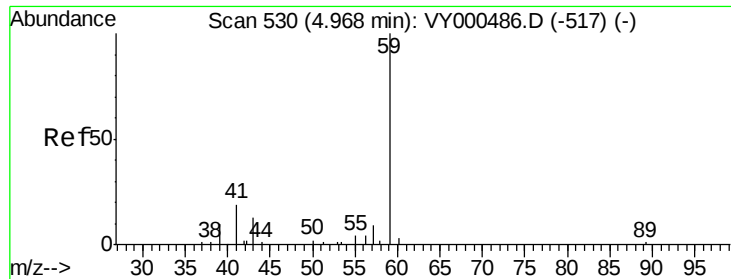
Acq: 19 Nov 2019 12:41

Tgt Ion:	142	Resp:	49003
Ion Ratio	Lower	Upper	
142	100		
127	44.4	33.7	50.5
141	13.8	10.9	16.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





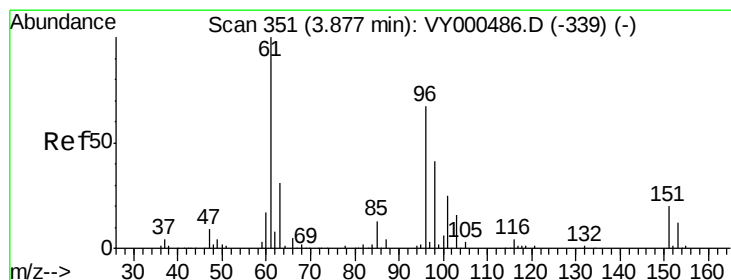
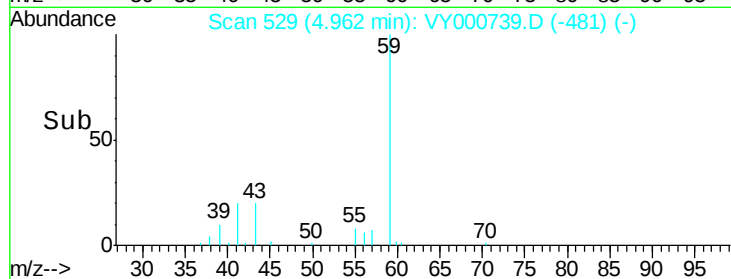
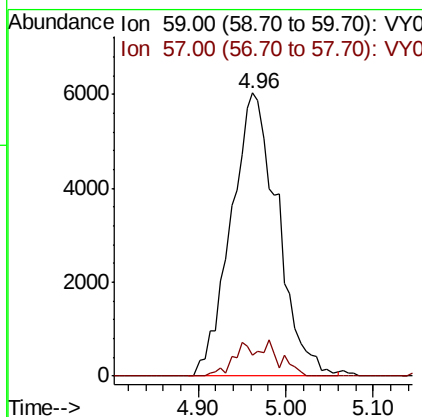
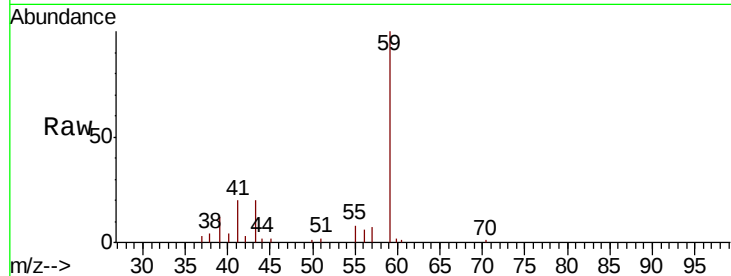
#11
Tert butyl alcohol
Concen: 104.708 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 59 Resp: 22369
Ion Ratio Lower Upper
59 100
57 4.9 8.6 12.8#

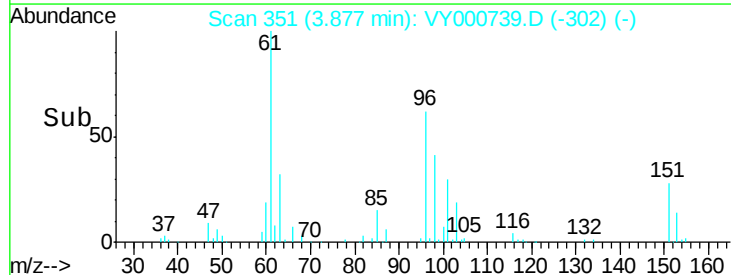
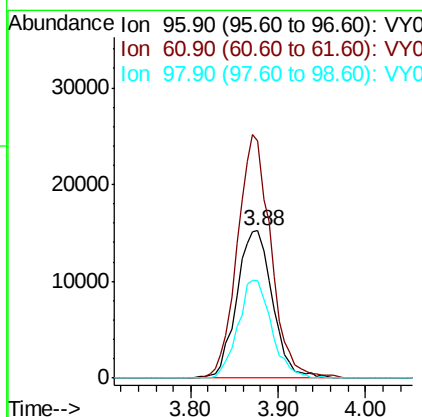
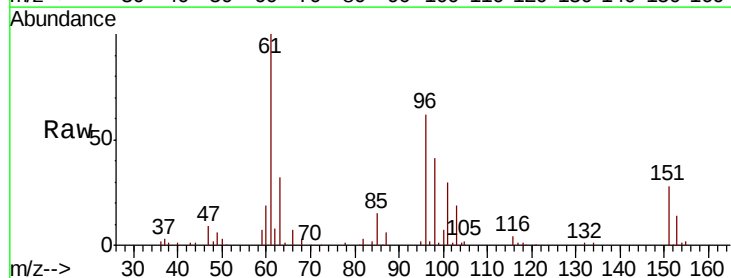
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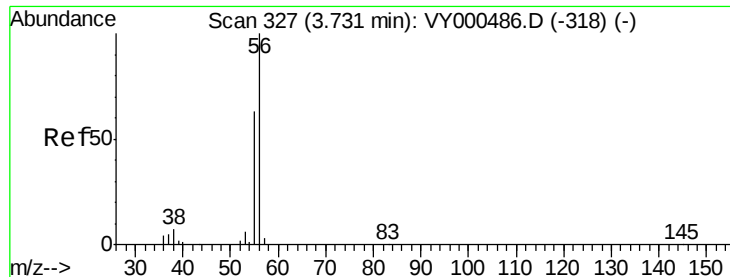
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#12
1,1-Dichloroethene
Concen: 20.409 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 96 Resp: 43233
Ion Ratio Lower Upper
96 100
61 161.2 119.2 178.8
98 66.1 48.6 73.0





#13

Acrolein

Concen: 74.509 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 56 Resp: 13865

Ion Ratio Lower Upper

56 100

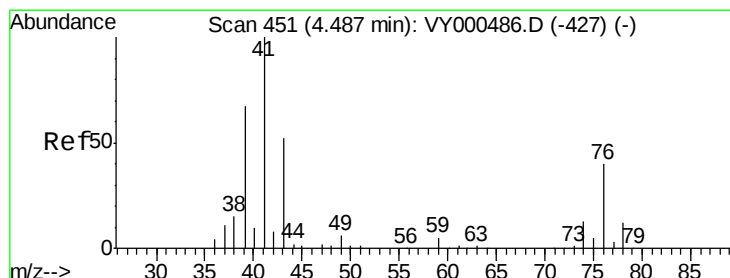
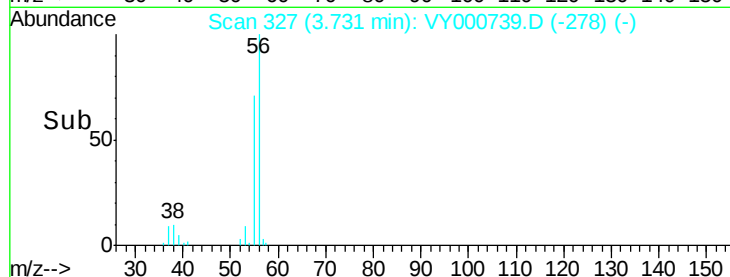
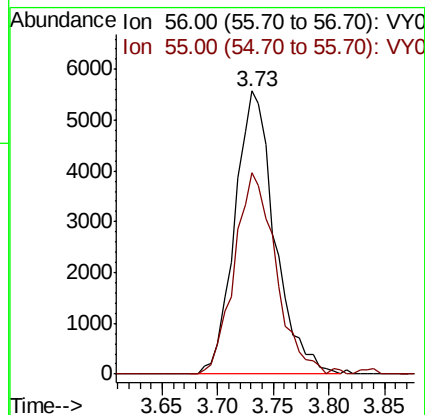
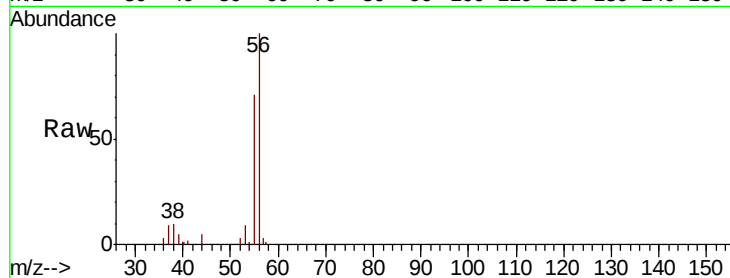
55 74.3 57.0 85.6

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#14

Allyl chloride

Concen: 21.365 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

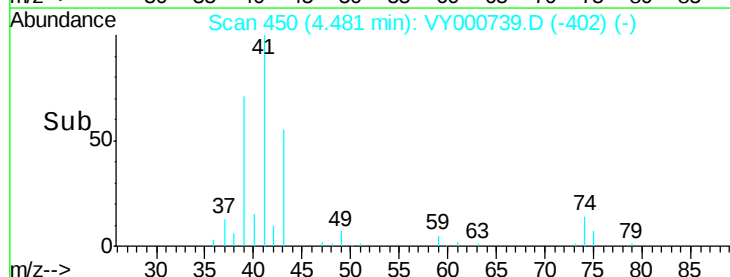
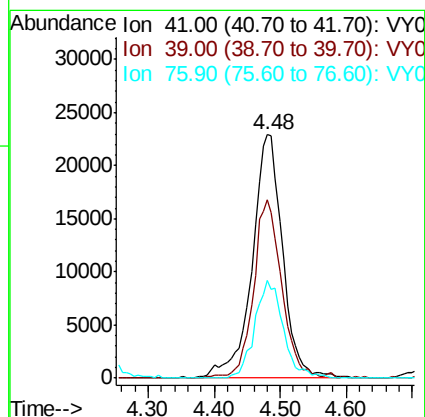
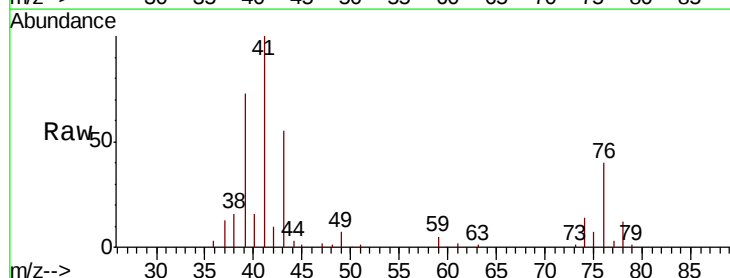
Tgt Ion: 41 Resp: 73590

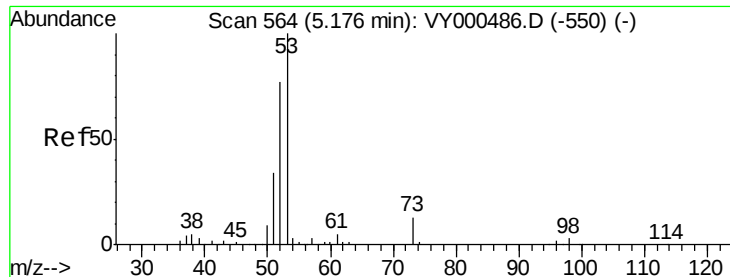
Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 37.2 29.8 44.6





#15

Acrylonitrile

Concen: 108.737 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

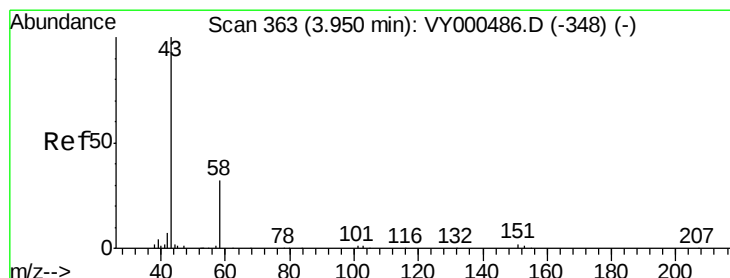
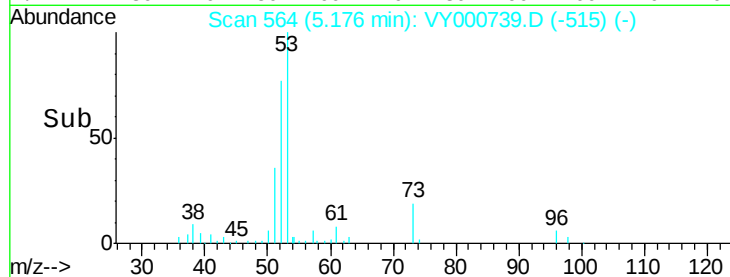
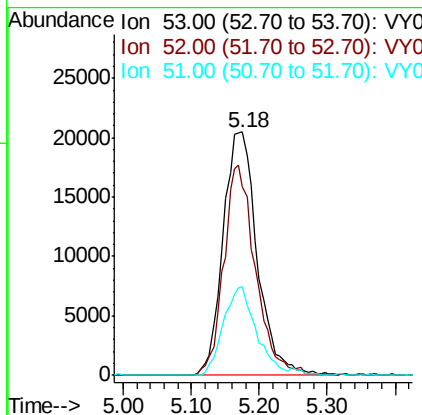
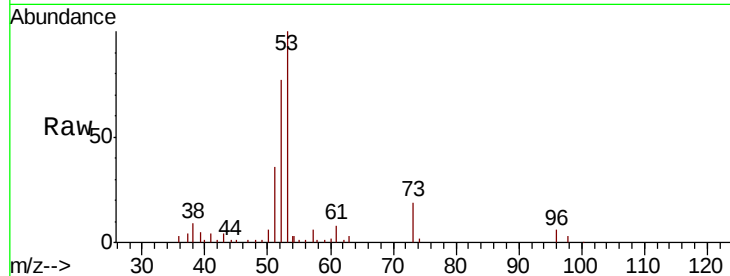
ClientSampleId :

VY1119SBS01

Tot Ion:	53	Resp:	71380
Ion	Ratio	Lower	Upper
53	100		
52	79.9	64.9	97.3
51	34.8	27.6	41.4

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#16

Acetone

Concen: 90.972 ug/l

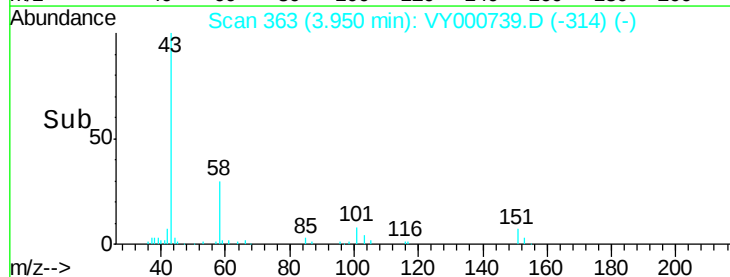
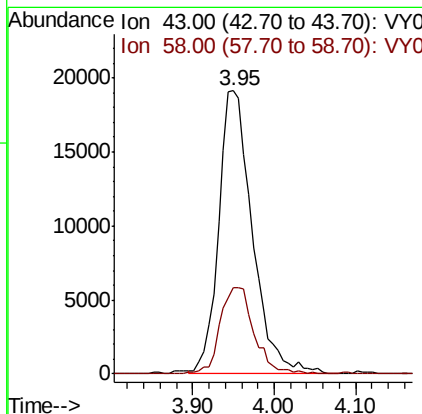
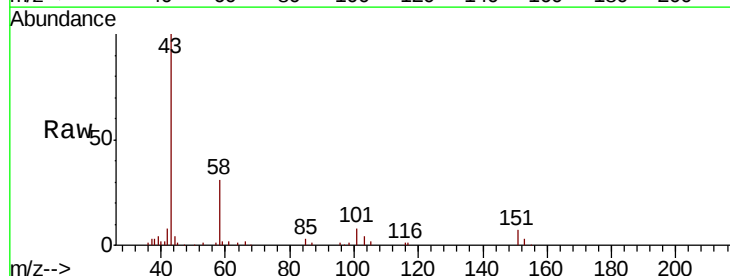
RT: 3.95 min Scan# 363

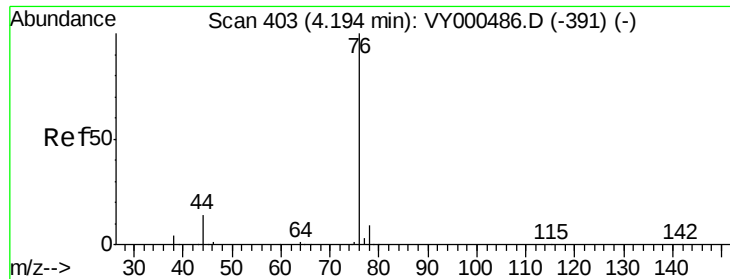
Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Tgt Ion:	43	Resp:	55025
Ion	Ratio	Lower	Upper
43	100		
58	30.7	25.8	38.6





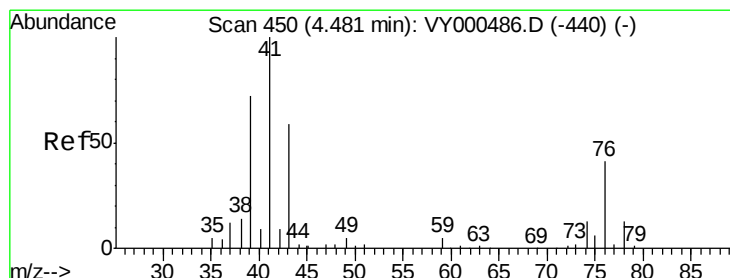
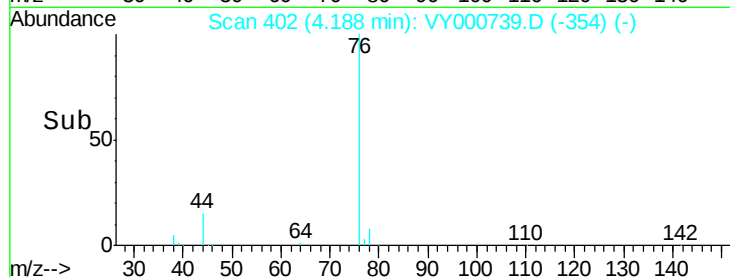
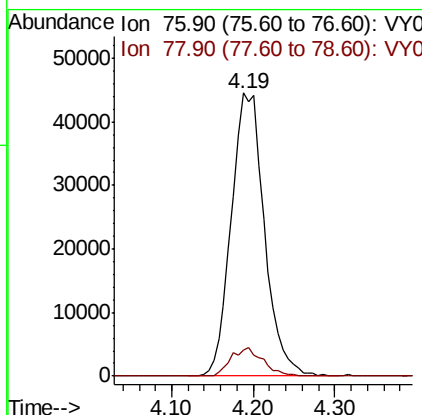
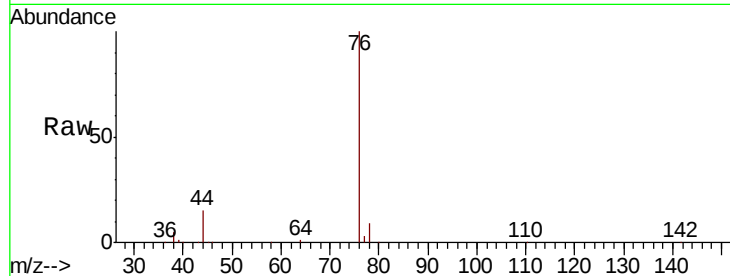
#17
Carbon Disulfide
Concen: 18.768 ug/l
RT: 4.19 min Scan# 402
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

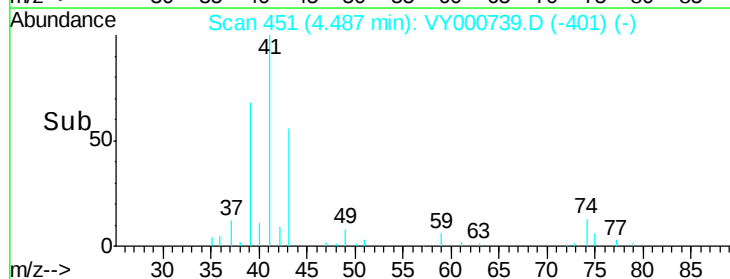
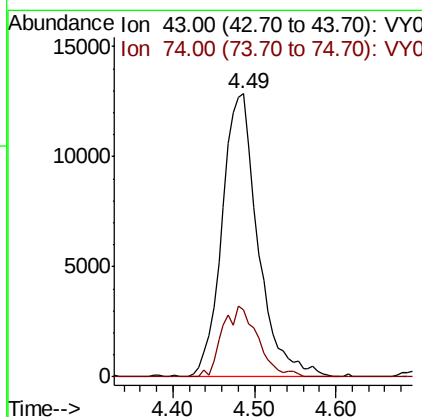
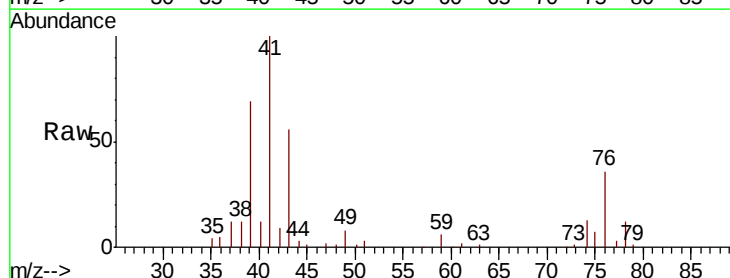
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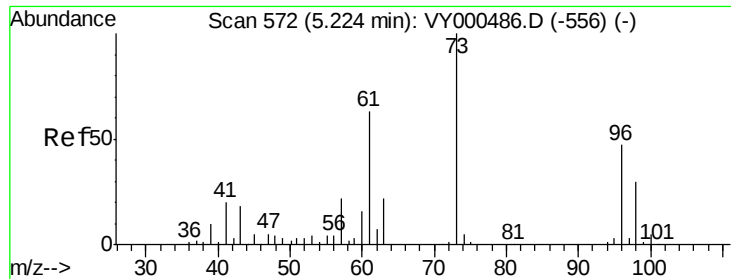
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#18
Methyl Acetate
Concen: 20.895 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.2	28.8





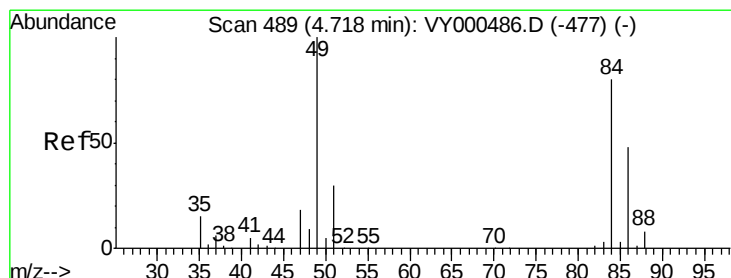
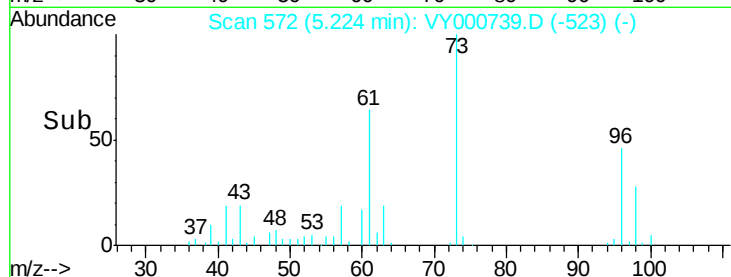
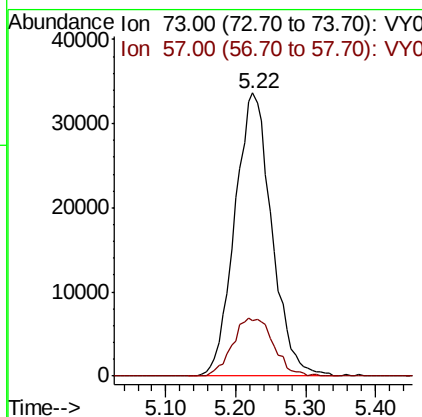
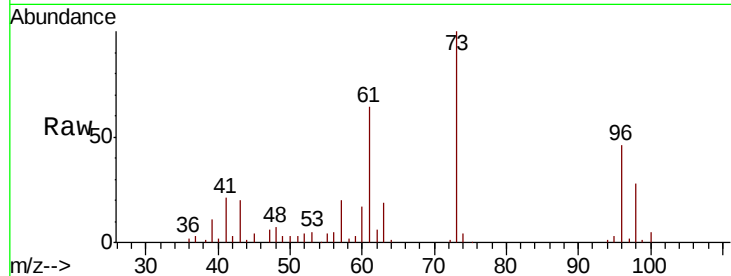
#19
Methvl tert-butvl Ether
Concen: 20.940 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 73 Resp: 123332
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.0

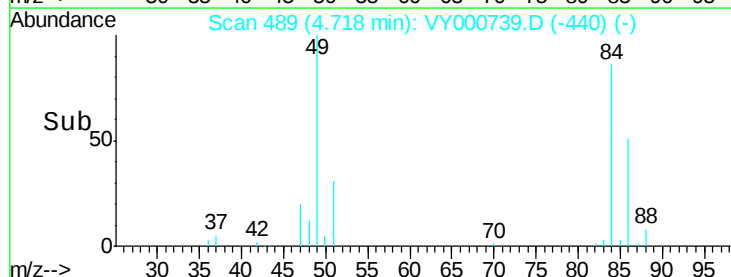
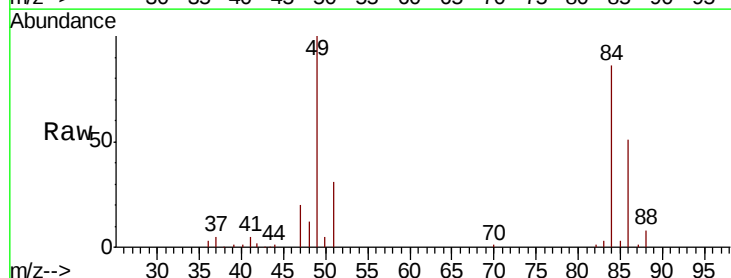
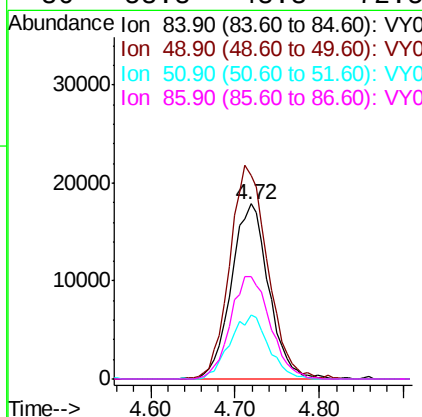
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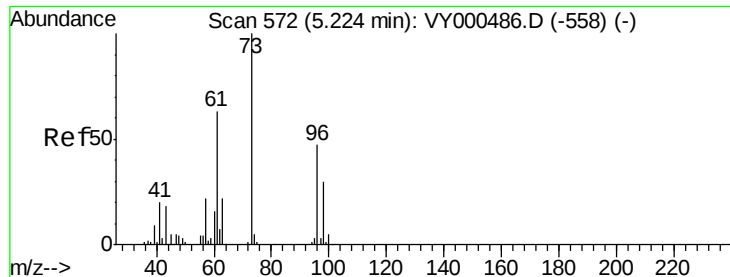
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#20
Methylene Chloride
Concen: 20.671 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 84 Resp: 53575
Ion Ratio Lower Upper
84 100
49 116.0 100.2 150.4
51 36.5 29.6 44.4
86 58.8 48.3 72.5





#21

trans-1,2-Dichloroethene

Concen: 21.078 ug/l

RT: 5.22 min Scan# 571

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 96 Resp: 50478

Ion Ratio Lower Upper

96 100

61 140.2 106.6 160.0

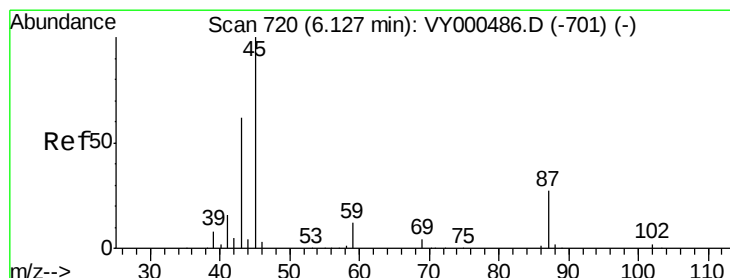
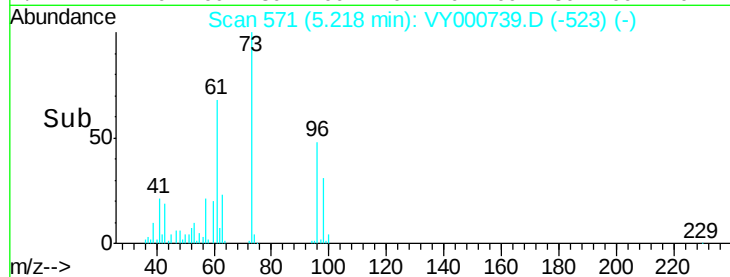
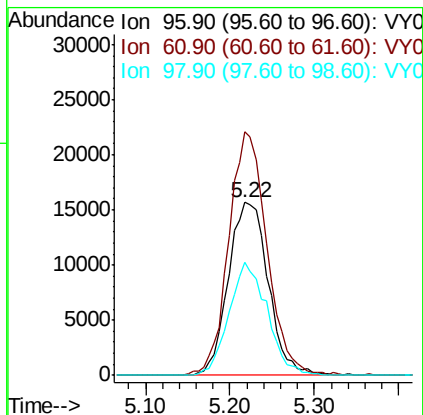
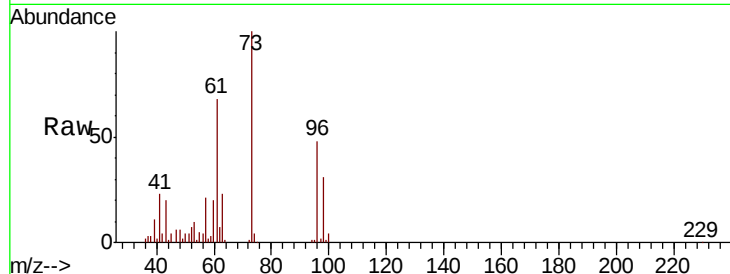
98 65.2 50.6 76.0

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#22

Diisopropyl ether

Concen: 21.622 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Tgt Ion: 45 Resp: 161880

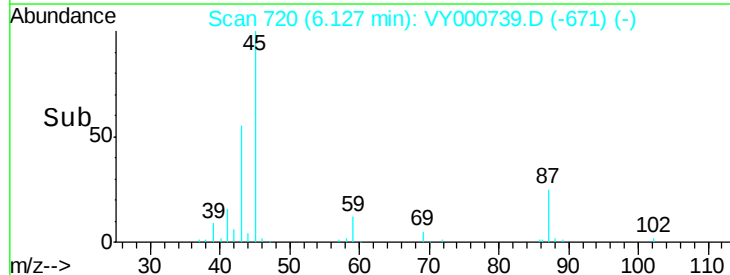
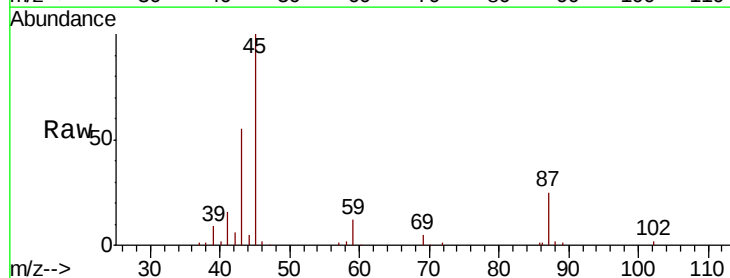
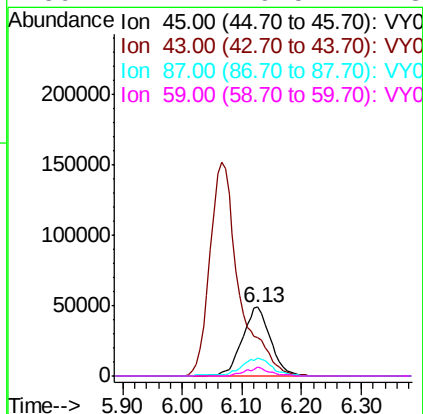
Ion Ratio Lower Upper

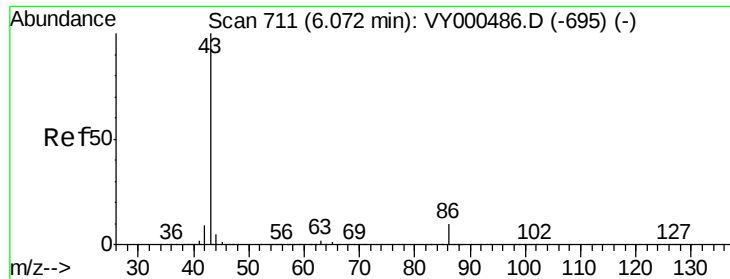
45 100

43 54.7 50.0 75.0

87 25.2 21.6 32.4

59 12.4 9.5 14.3





#23

Vinyl Acetate

Concen: 108.674 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 43 Resp: 513596

Ion Ratio Lower Upper

43 100

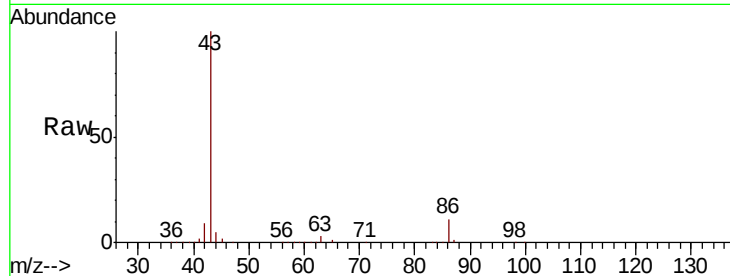
86 11.1 7.8 11.6

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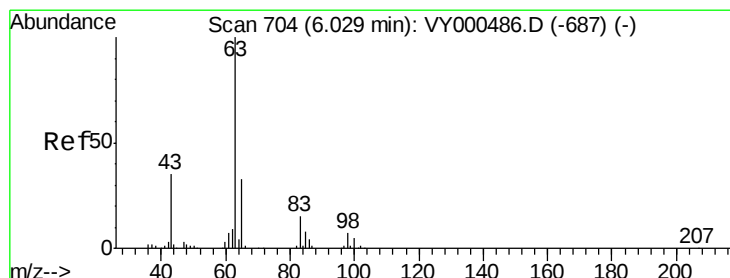
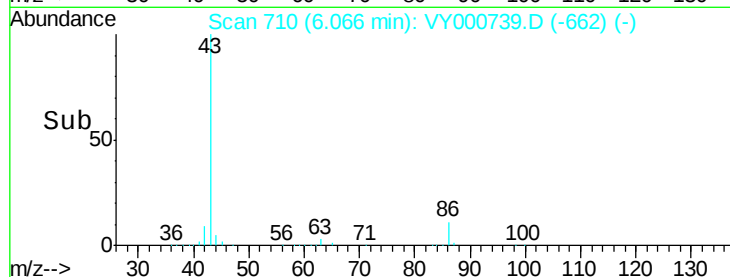
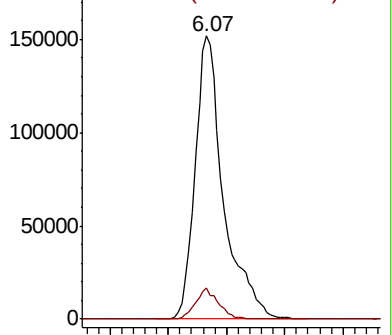
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.227 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

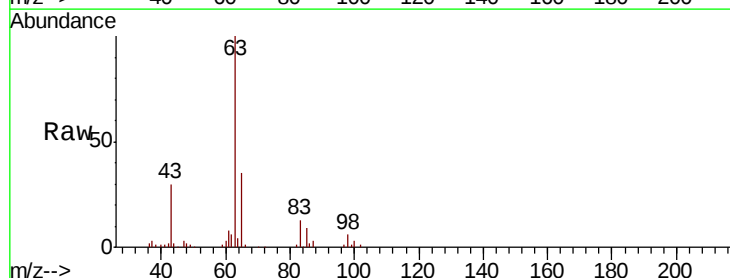
Tgt Ion: 63 Resp: 86093

Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.6

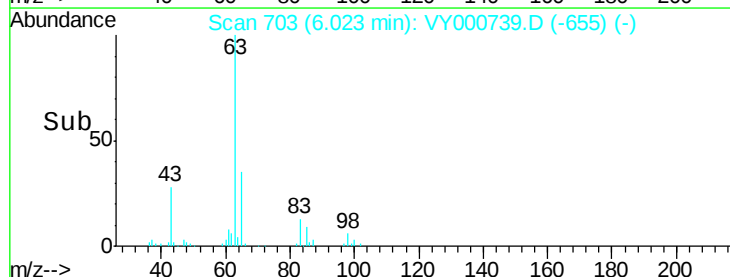
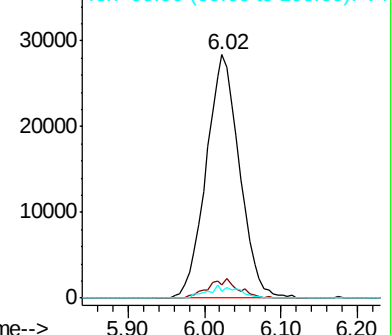
100 3.0 2.4 7.1

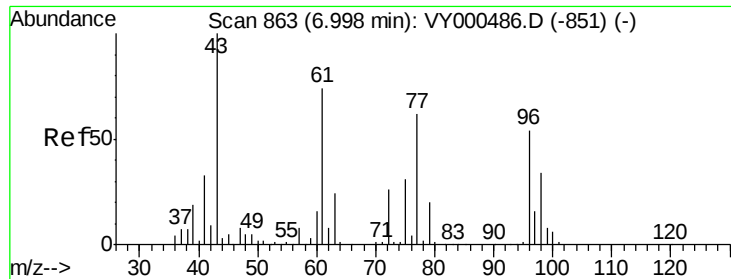


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





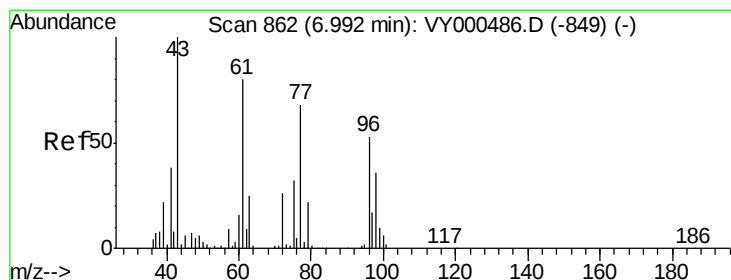
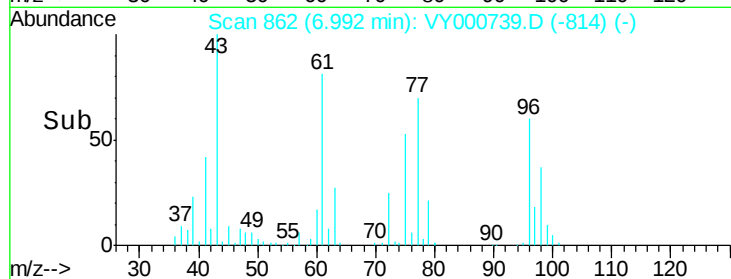
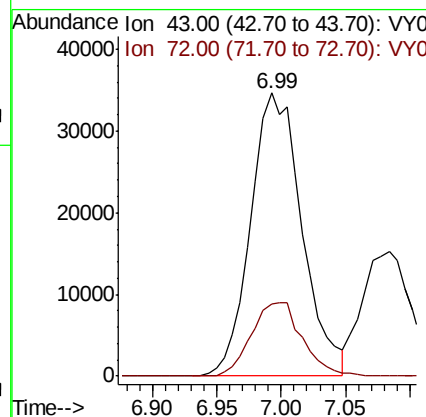
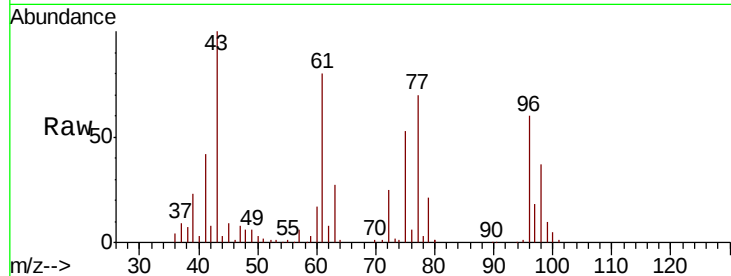
#25
2-Butanone
Concen: 99.193 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 43 Resp: 95753
Ion Ratio Lower Upper
43 100
72 25.3 20.9 31.3

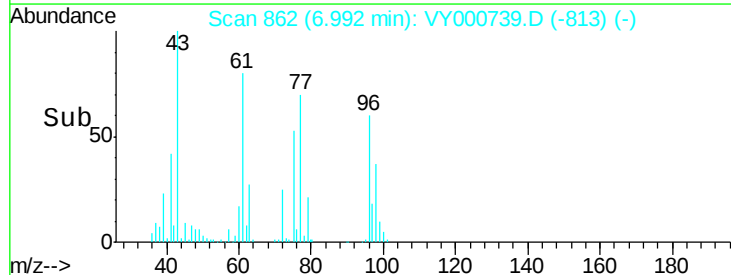
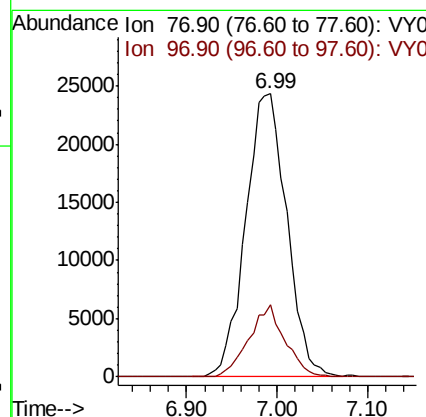
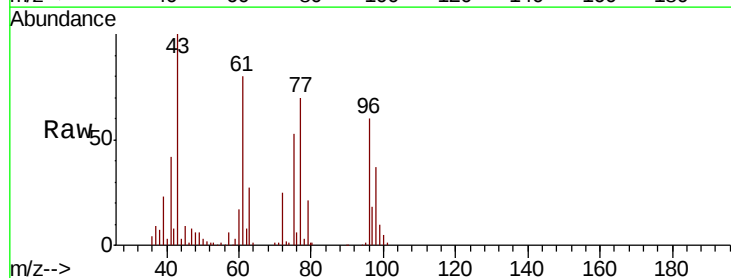
Manual Integrations
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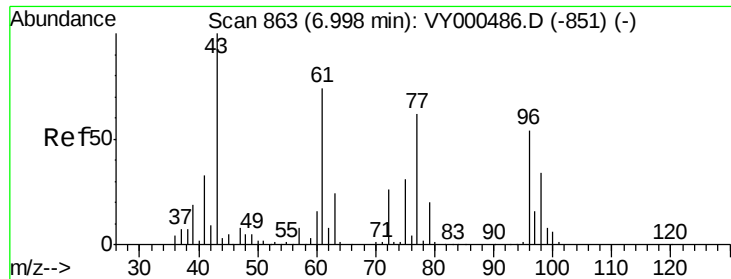
MMDadoda
11/20/2019 9:57:24 AM



#26
2,2-Dichloropropane
Concen: 20.597 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 77 Resp: 76343
Ion Ratio Lower Upper
77 100
97 22.3 11.8 35.4





#27

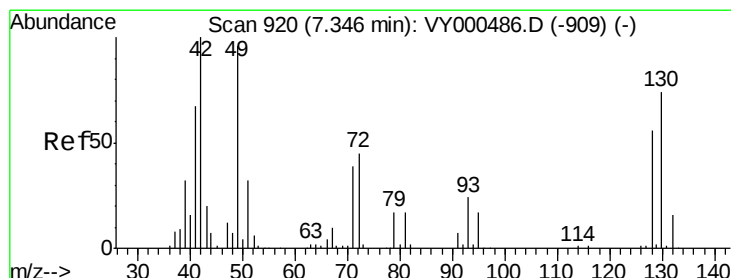
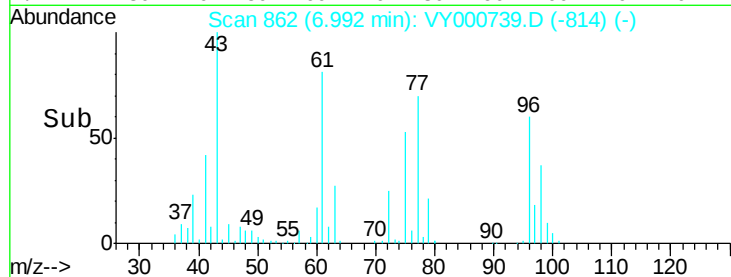
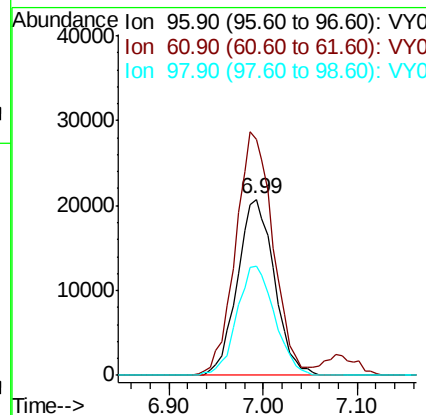
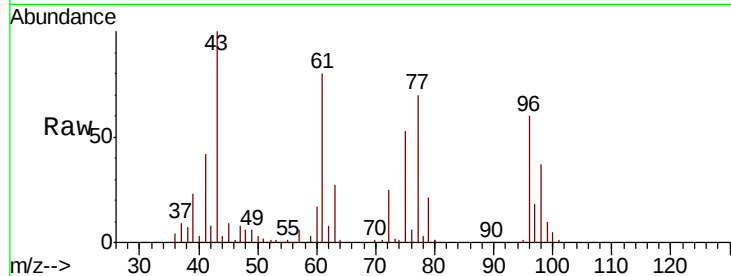
cis-1,2-Dichloroethene
Concen: 21.716 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.5	0.0	287.0
98	63.3	0.0	129.4

Manual Integrations
APPROVED

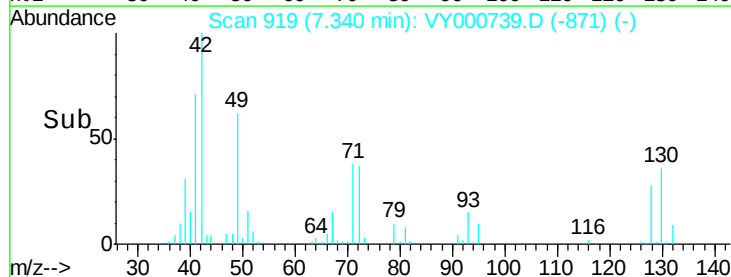
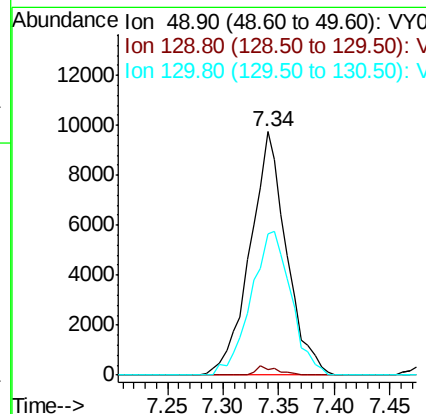
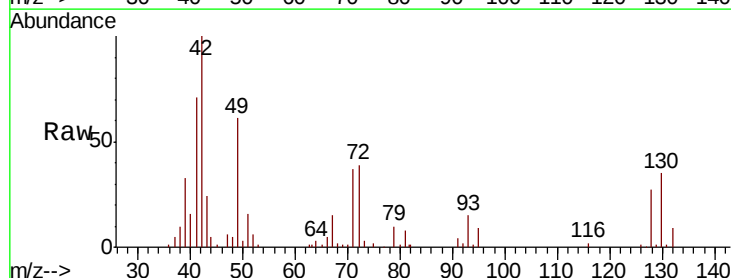
MMDadoda
11/20/2019 9:57:24 AM

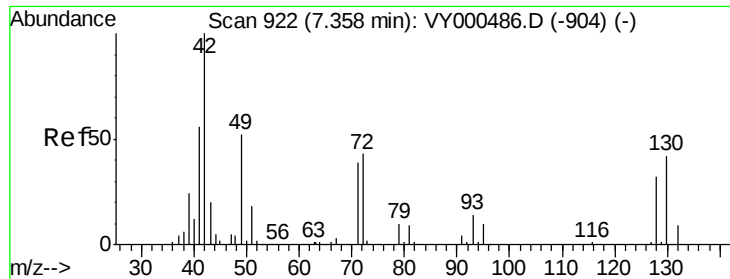


#28

Bromochloromethane
Concen: 15.075 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.6
130	64.9	59.4	89.0





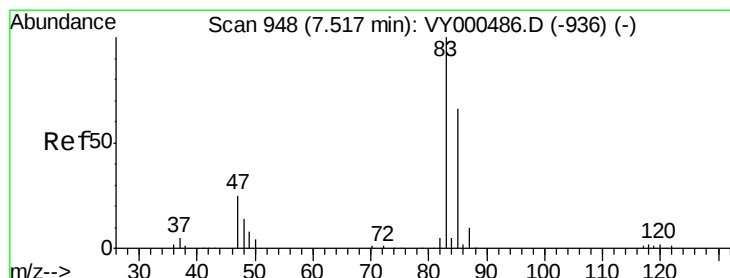
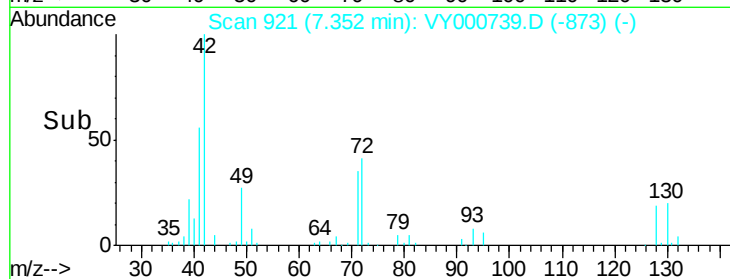
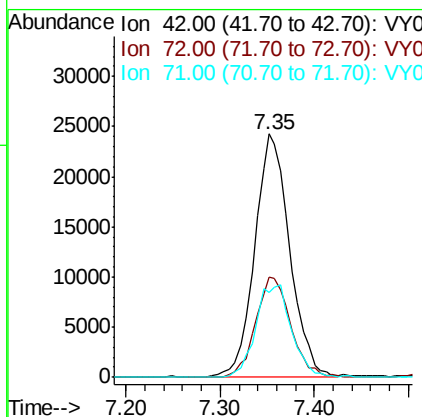
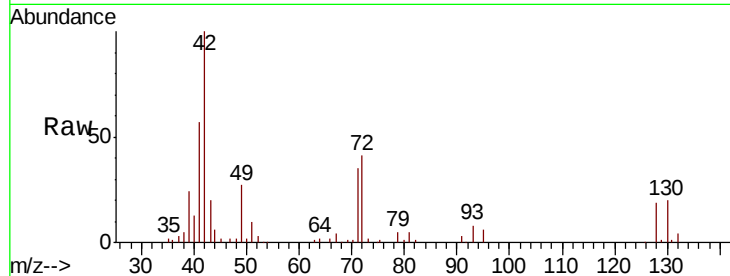
#29
Tetrahydrofuran
Concen: 107.137 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.0	51.0
71	38.7	30.8	46.2

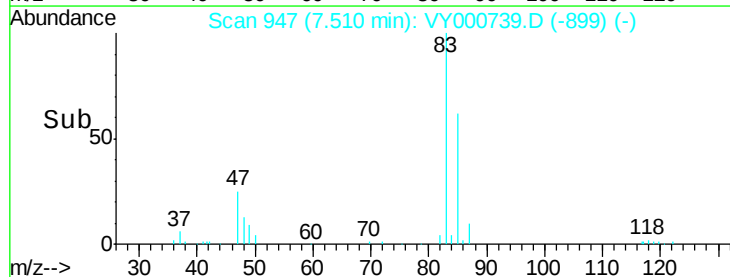
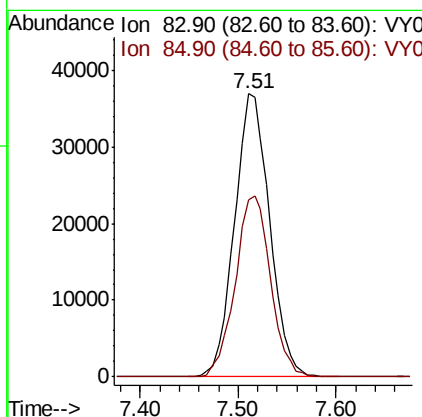
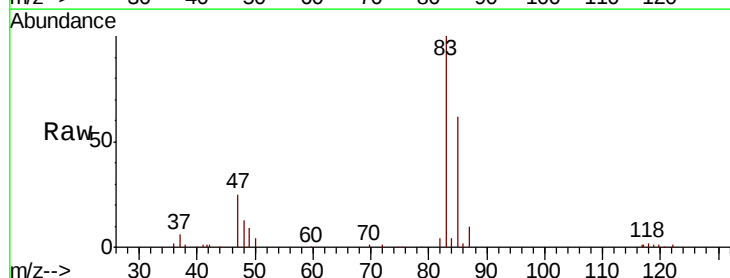
Manual Integrations
APPROVED

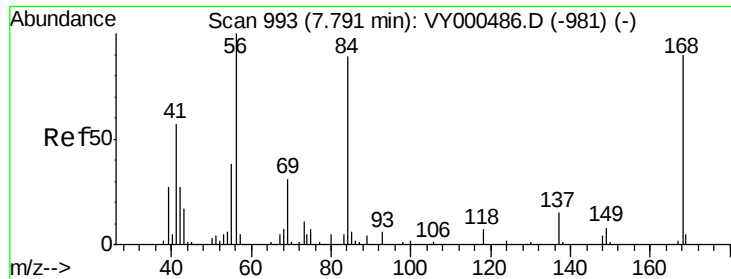
MMDadoda
11/20/2019 9:57:24 AM



#30
Chloroform
Concen: 22.393 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	53.0	79.4





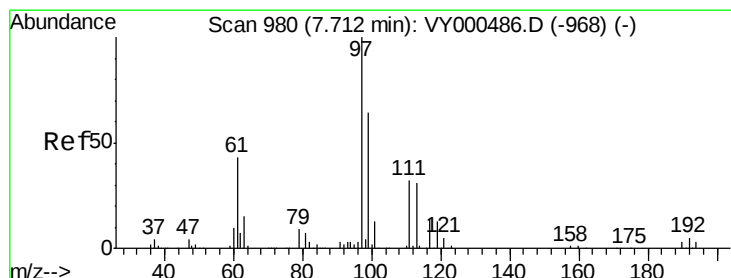
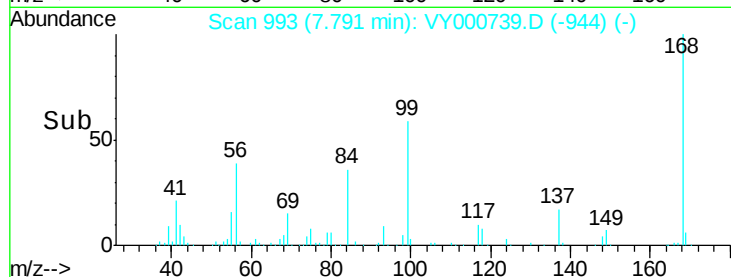
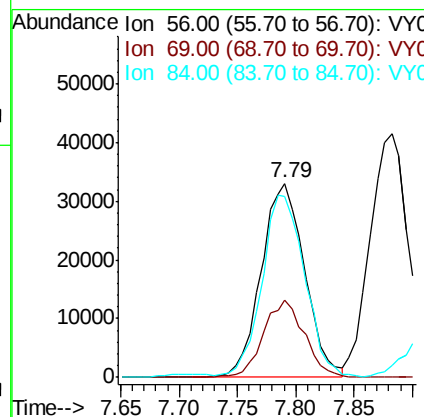
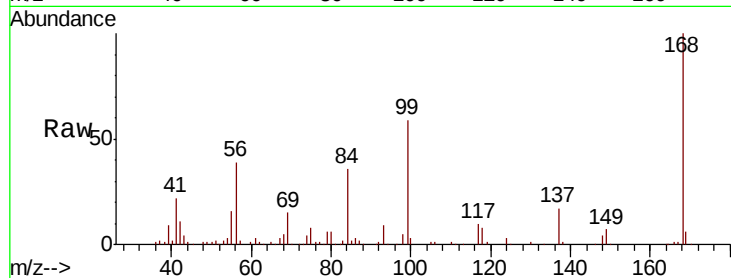
#31
Cyclohexane
Concen: 20.166 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.6	25.0	37.6#
84	92.0	71.4	107.2

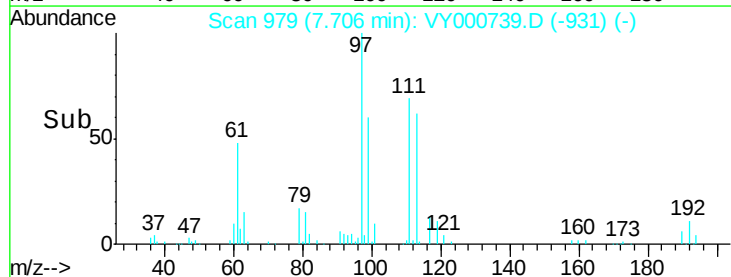
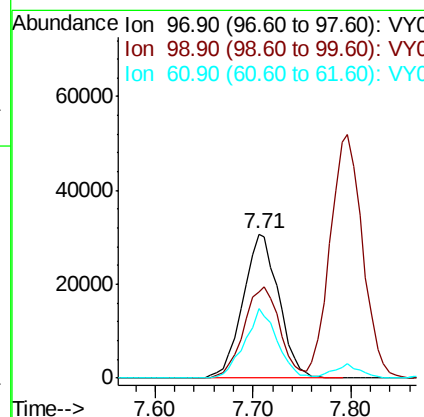
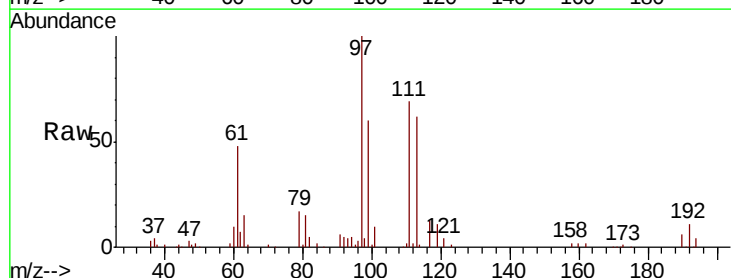
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#32
1,1,1-Trichloroethane
Concen: 21.258 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.9	76.3
61	43.9	34.9	52.3





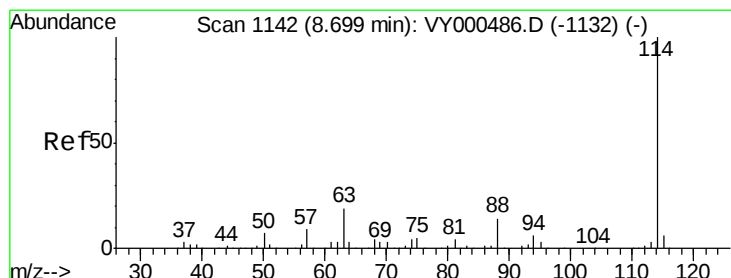
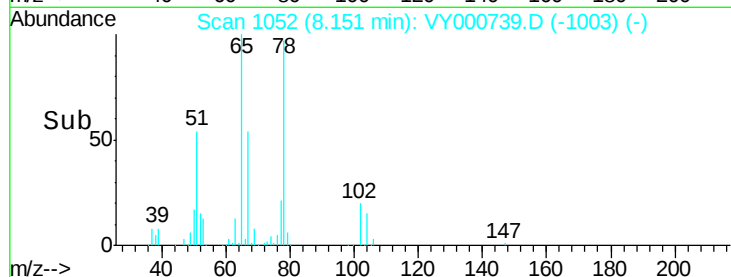
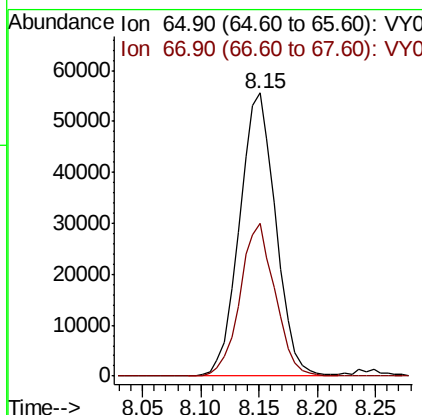
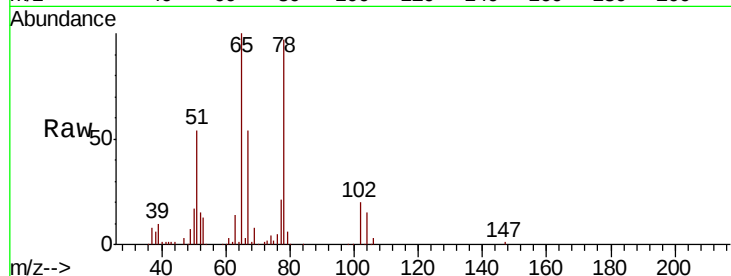
#33
 1,2-Dichloroethane-d4
 Concen: 55.098 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	120919		
67	52.1	0.0	107.2	

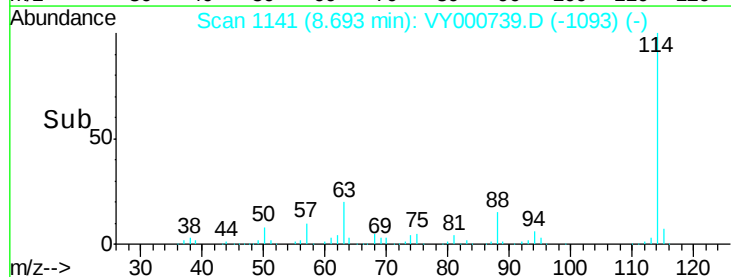
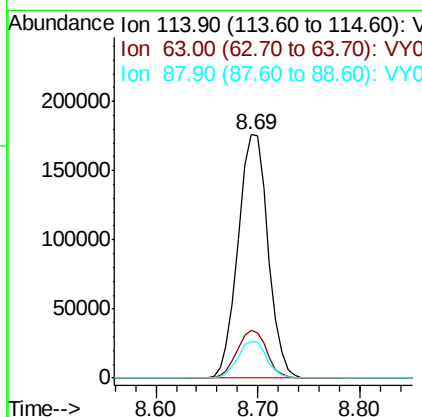
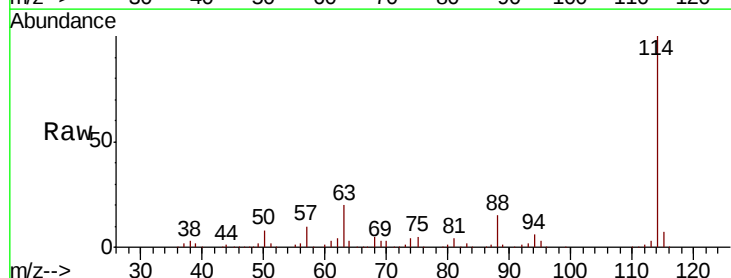
Manual Integrations
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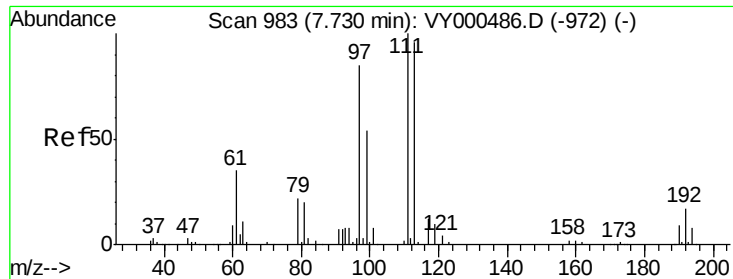
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 11/20/2019 9:57:24 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	358805		
63	19.6	0.0	38.0	
88	14.9	0.0	28.6	





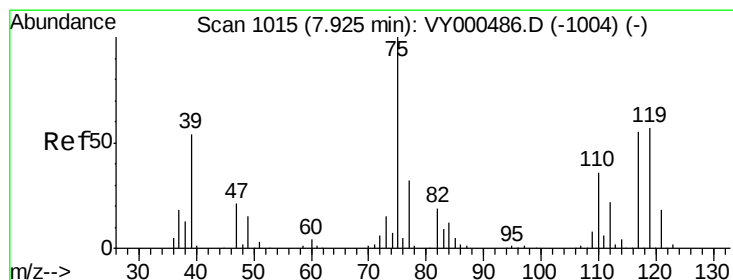
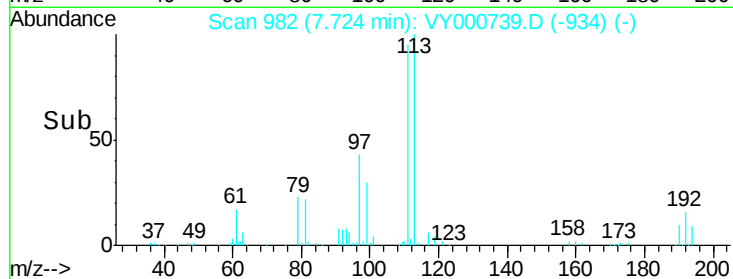
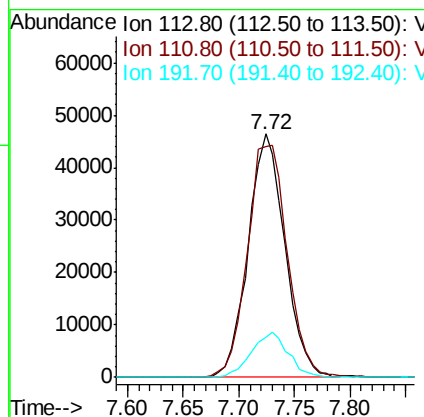
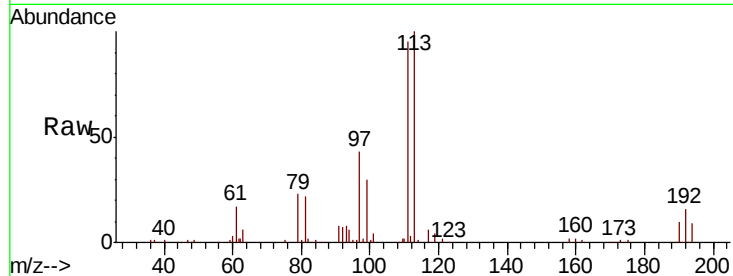
#35
 Dibromofluoromethane
 Concen: 50.541 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.7	122.5
192	18.7	15.0	22.4

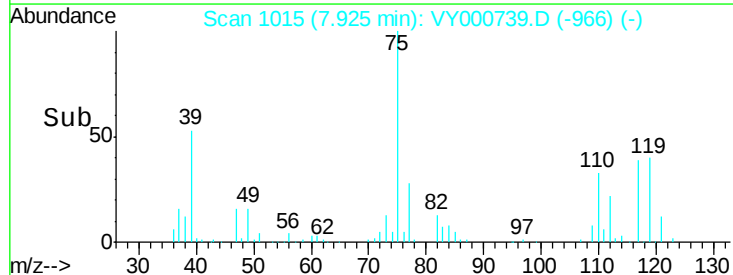
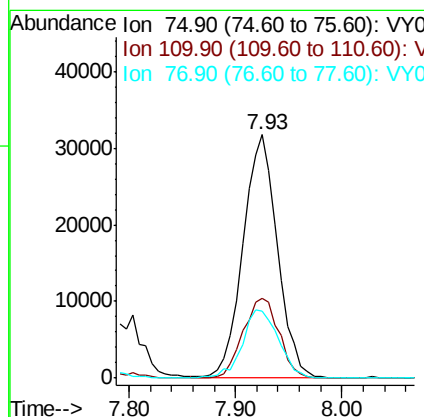
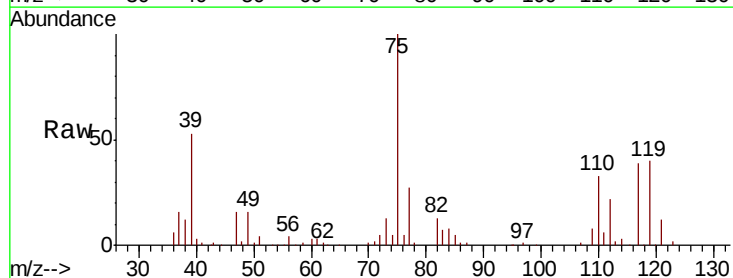
Manual Integrations
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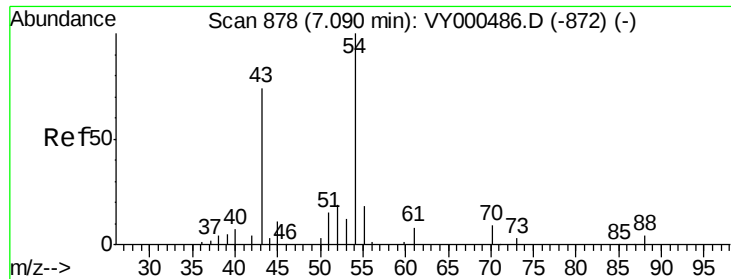
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 11/20/2019 9:57:24 AM



#36
 1,1-Dichloropropene
 Concen: 21.307 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.3	18.1	54.1
77	29.6	25.0	37.6





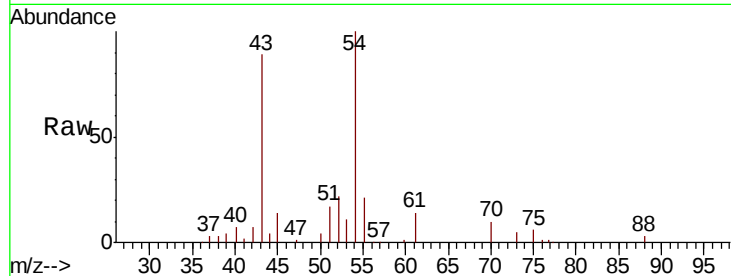
#37
Ethyl Acetate
Concen: 21.128 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.2
70	8.7	7.8	11.8

Manual Integrations
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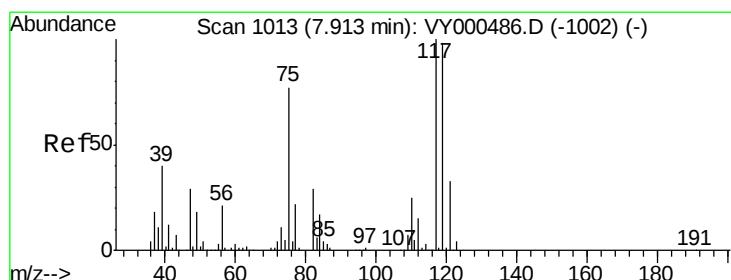
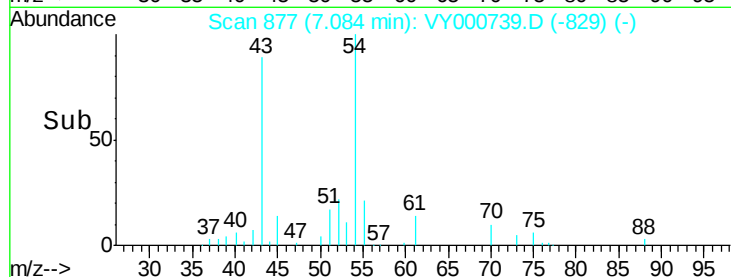
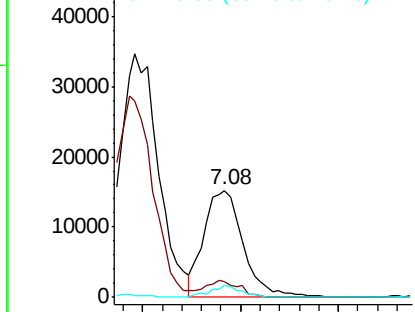
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Abundance Ion 43.00 (42.70 to 43.70): VY000739.D (-829) (-)

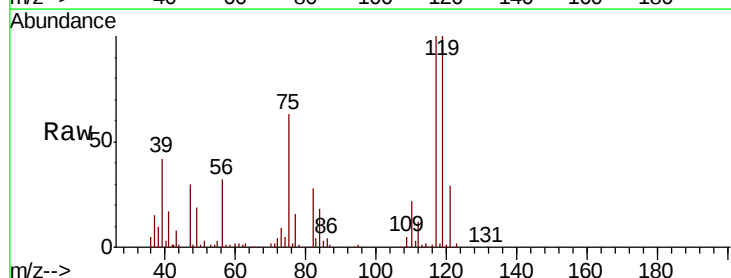
Ion 60.90 (60.60 to 61.60): VY000739.D (-829) (-)

Ion 70.00 (69.70 to 70.70): VY000739.D (-829) (-)



#38
Carbon Tetrachloride
Concen: 21.223 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

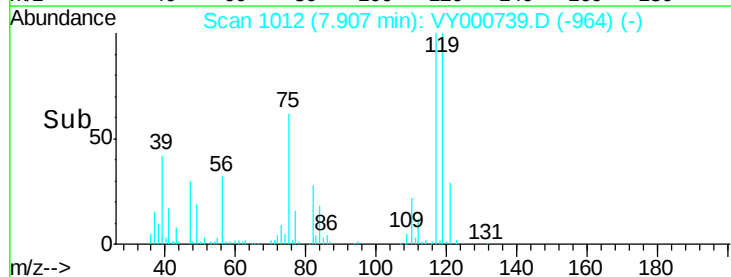
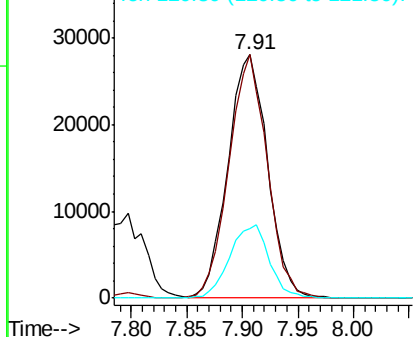
Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.0	78.0	117.0
121	28.8	26.6	40.0

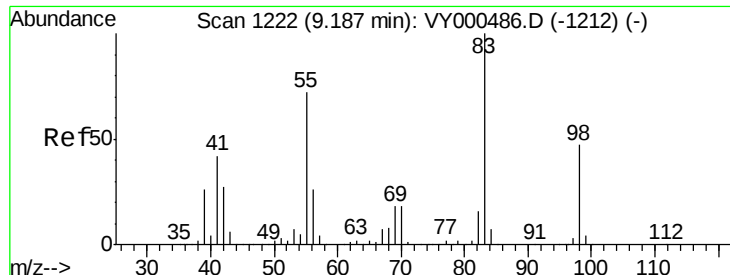


Abundance Ion 116.80 (116.50 to 117.50): VY000739.D (-964) (-)

Ion 118.80 (118.50 to 119.50): VY000739.D (-964) (-)

Ion 120.80 (120.50 to 121.50): VY000739.D (-964) (-)





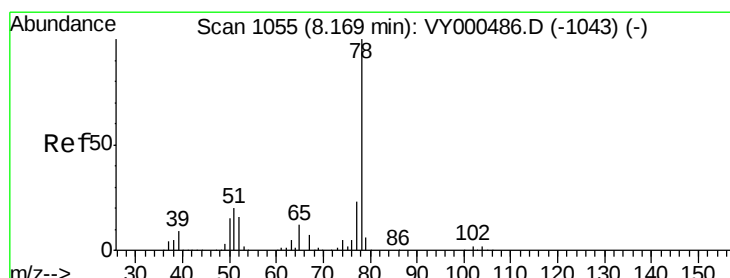
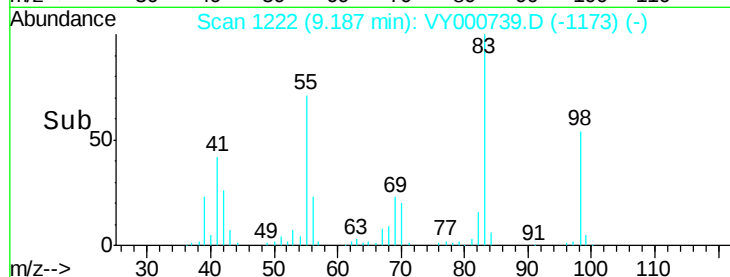
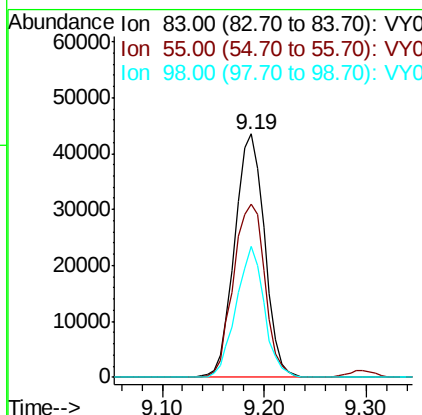
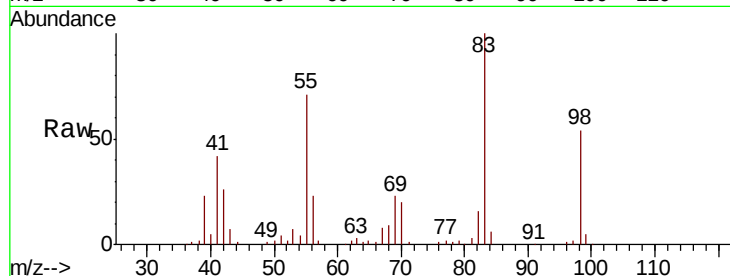
#39
Methvlcvclohexane
Concen: 20.192 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	57.5	86.3
98	53.6	38.0	57.0

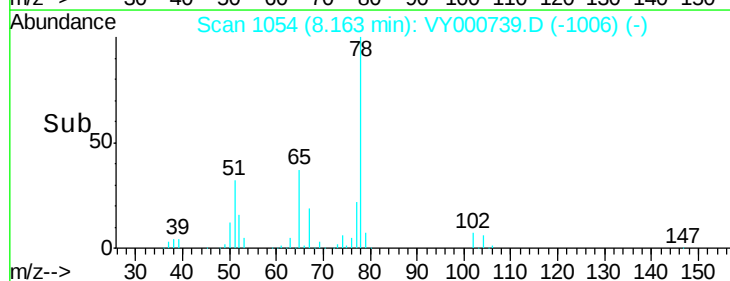
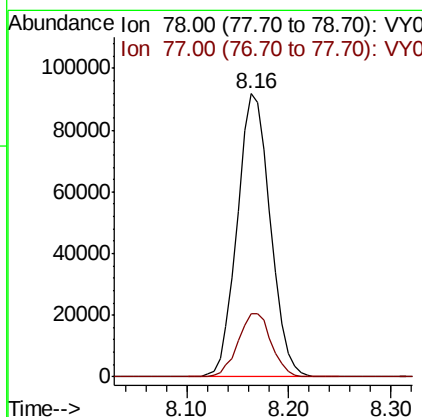
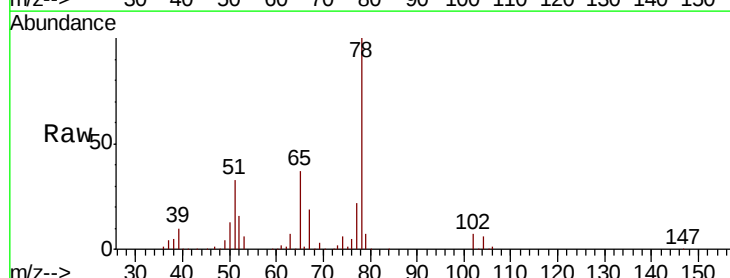
Manual Integrations
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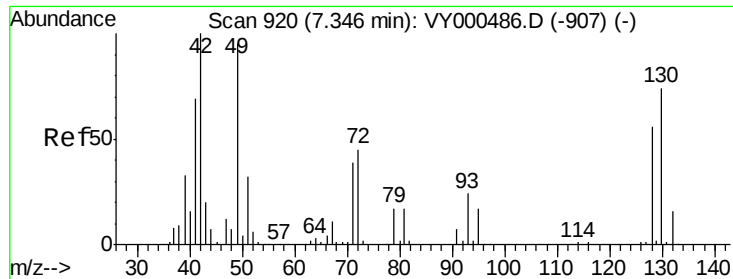
MMDadoda
11/20/2019 9:57:24 AM



#40
Benzene
Concen: 20.732 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0





#41

Methacrylonitrile

Concen: 26.087 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Tot Ion: 41 Resp: 29307
Ion Ratio Lower Upper

41 100

39 0.0 68.2 102.4#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Instrument :

MSVOA_Y

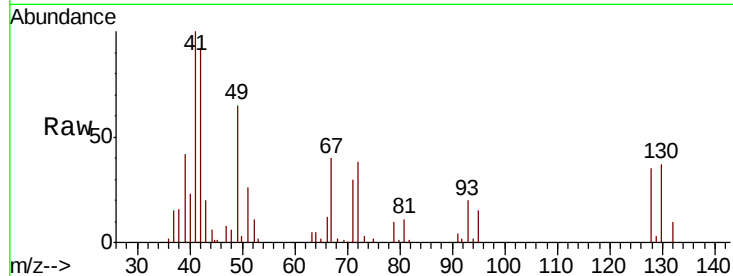
ClientSampleId :

VY1119SBS01

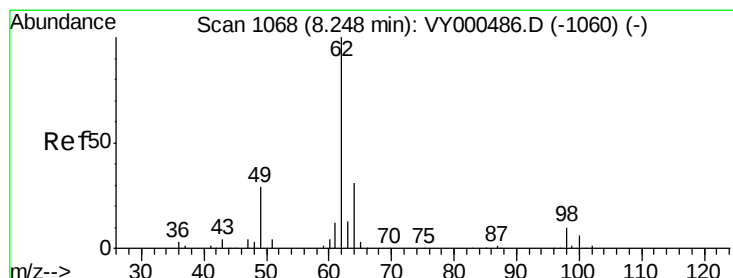
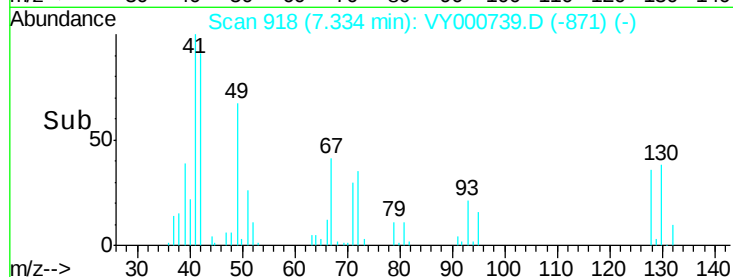
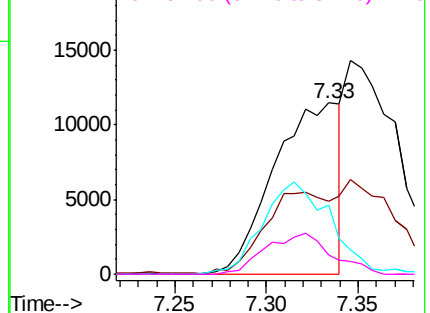
Manual Integrations
APPROVED

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



#42

1,2-Dichloroethane

Concen: 21.173 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

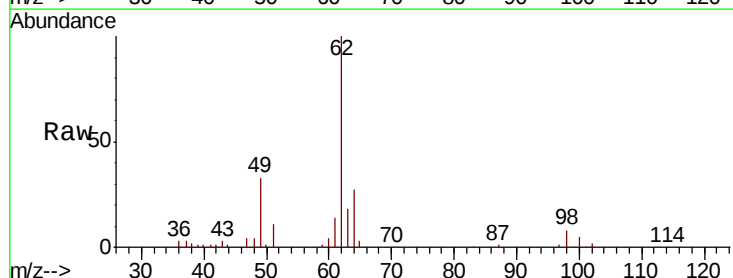
Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

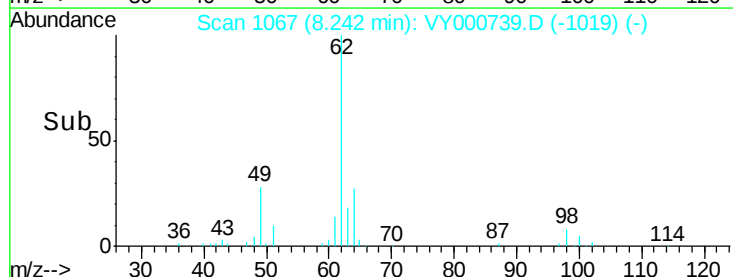
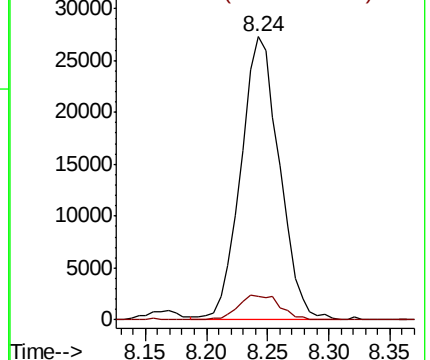
Tgt Ion: 62 Resp: 59718
Ion Ratio Lower Upper

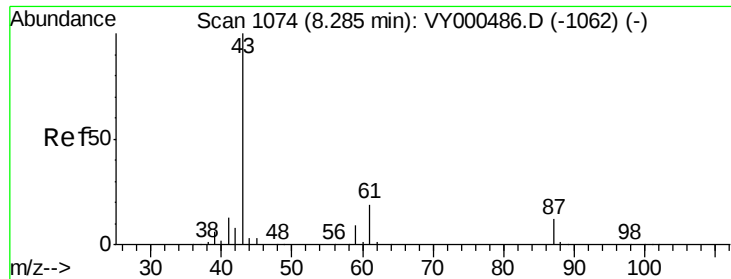
62 100

98 9.4 0.0 19.2



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





#43

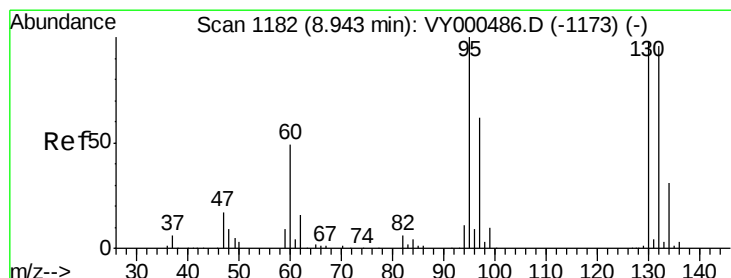
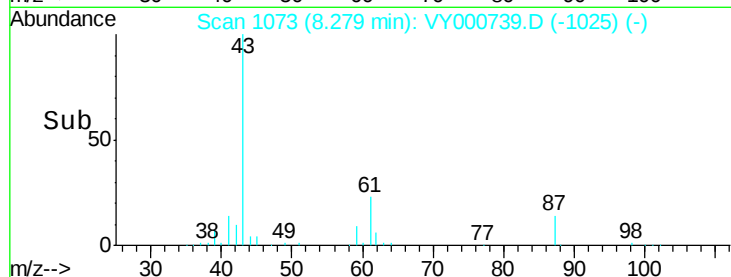
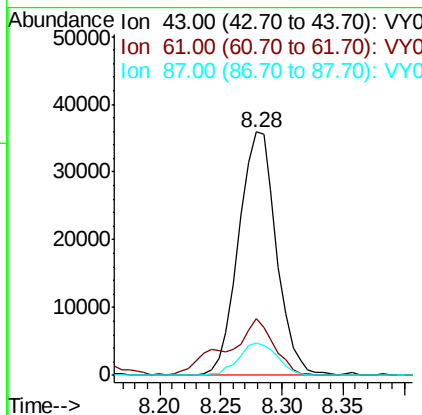
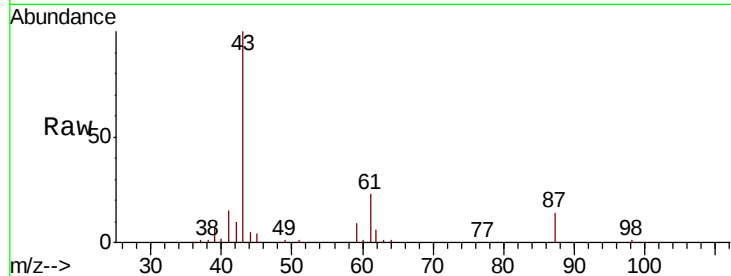
Isopropyl Acetate
 Concen: 20.403 ug/l
 RT: 8.28 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.0	34.4
87	13.6	10.5	15.7

Manual Integrations
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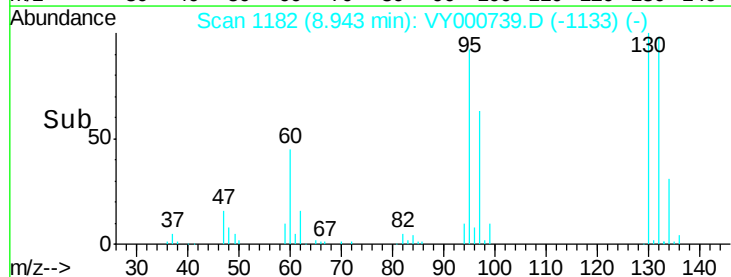
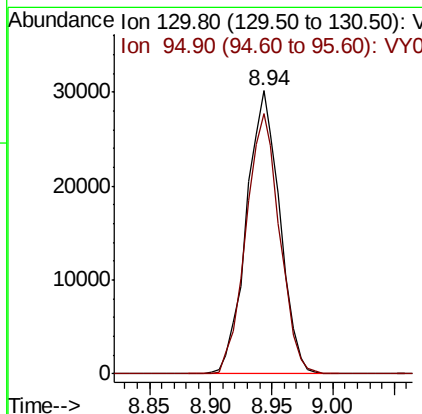
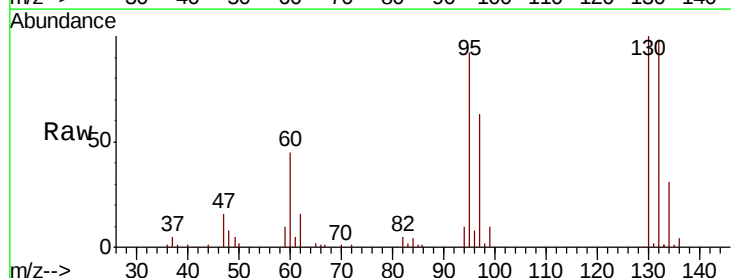
MMDadoda
 11/20/2019 9:57:24 AM

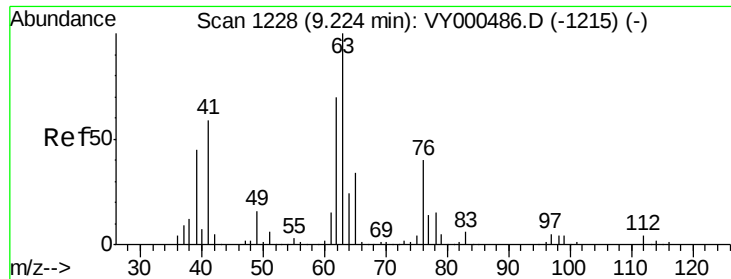


#44

Trichloroethene
 Concen: 21.783 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	203.2





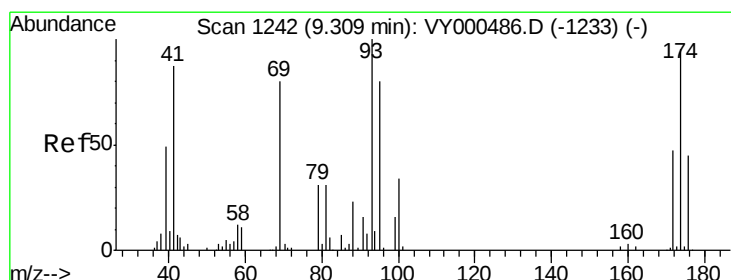
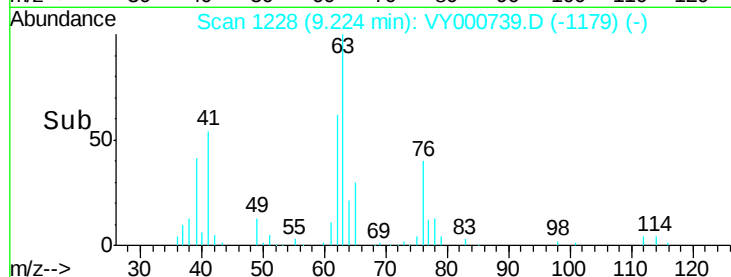
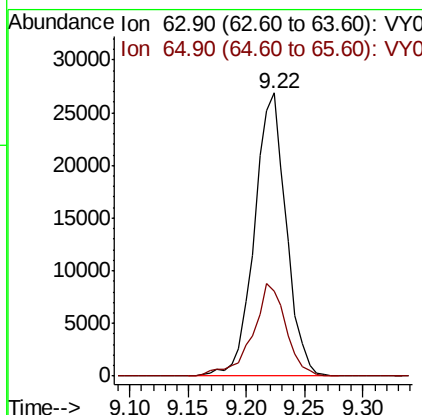
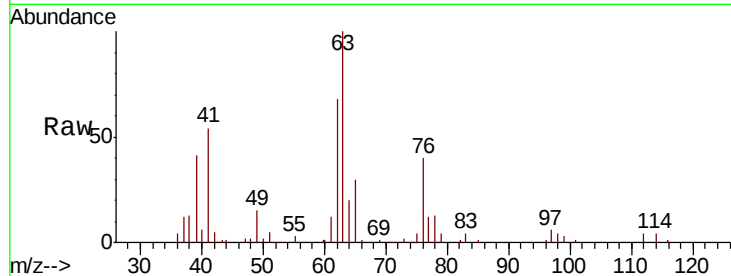
#45
 1,2-Dichloropropane
 Concen: 20.925 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion: 63 Resp: 51215
 Ion Ratio Lower Upper
 63 100
 65 30.0 27.0 40.4

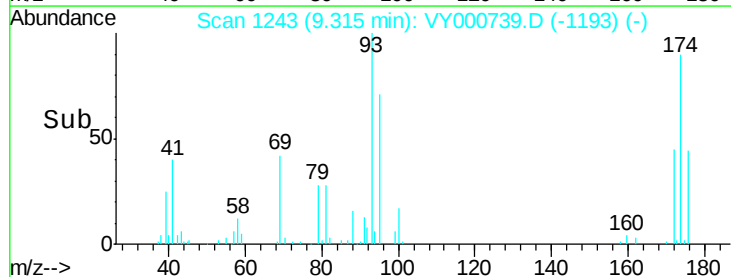
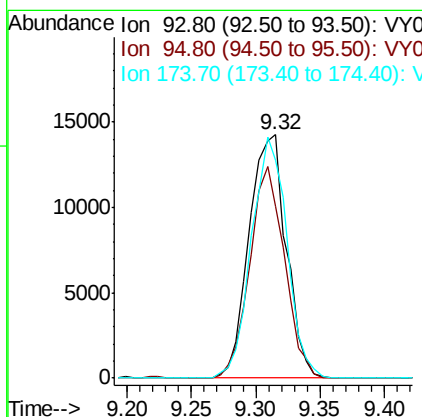
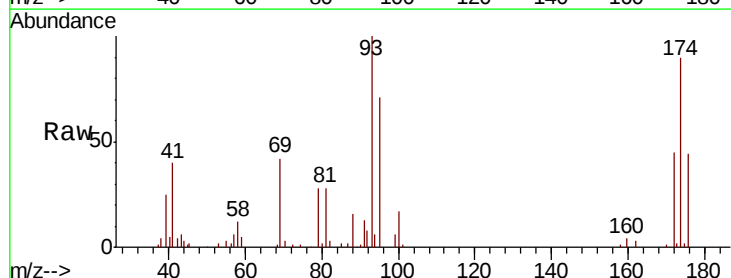
Manual Integrations
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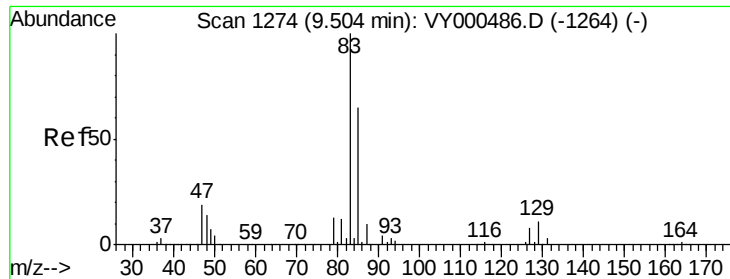
MMDadoda
 11/20/2019 9:57:24 AM



#46
 Dibromomethane
 Concen: 21.188 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion: 93 Resp: 28520
 Ion Ratio Lower Upper
 93 100
 95 80.8 66.4 99.6
 174 94.2 77.1 115.7





#47

Bromodichloromethane

Concen: 20.994 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

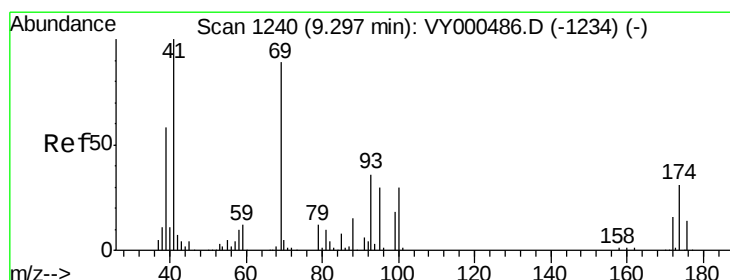
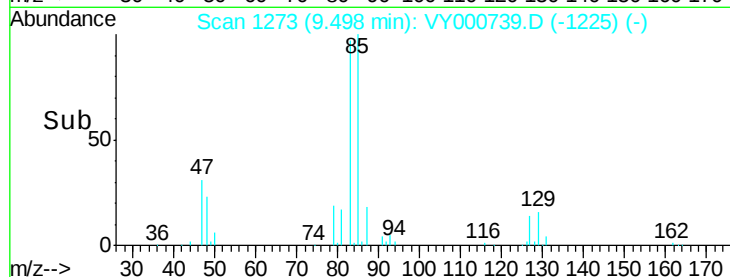
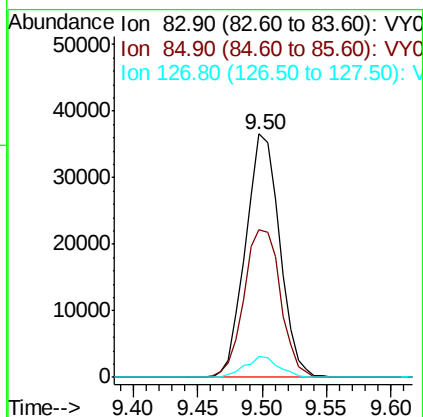
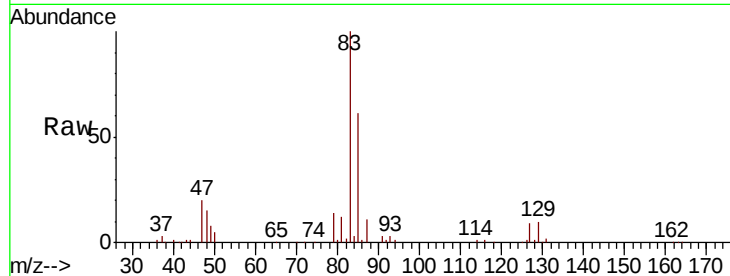
ClientSampleId :

VY1119SBS01

Tot Ion:	83	Resp:	67052
Ion Ratio	Lower	Upper	
83	100		
85	60.9	51.8	77.8
127	8.6	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.401 ug/l

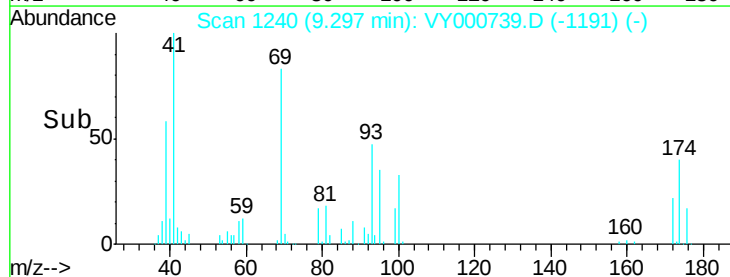
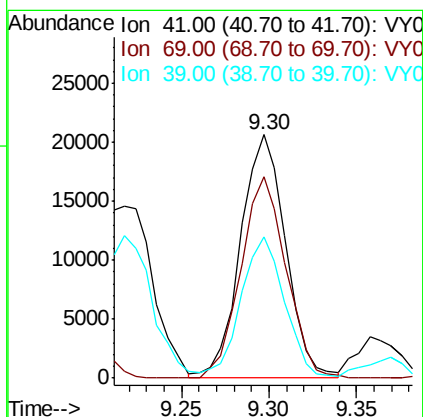
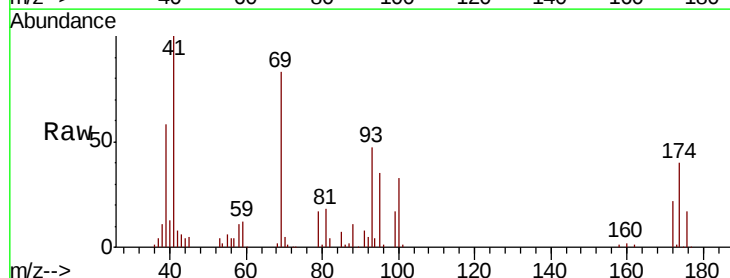
RT: 9.30 min Scan# 1240

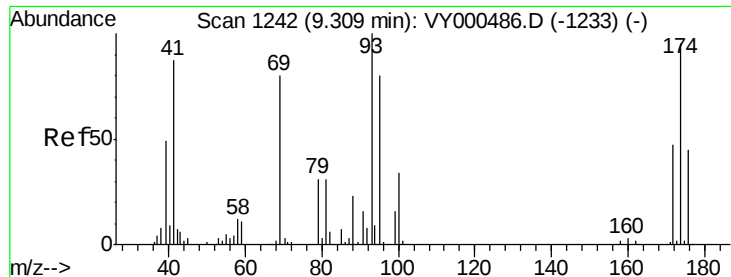
Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Tgt Ion:	41	Resp:	37026
Ion Ratio	Lower	Upper	
41	100		
69	82.8	72.5	108.7
39	56.3	47.8	71.8





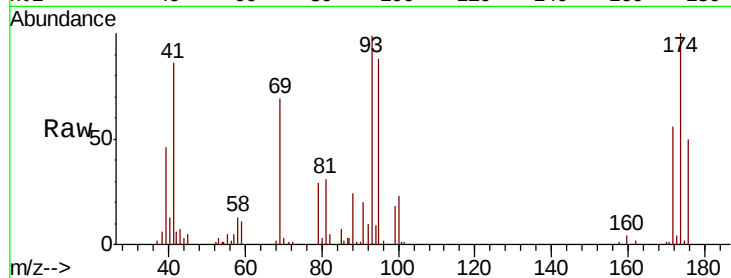
#49
1,4-Dioxane
Concen: 399.211 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.5	25.1	37.7#
58	73.1	50.6	75.8

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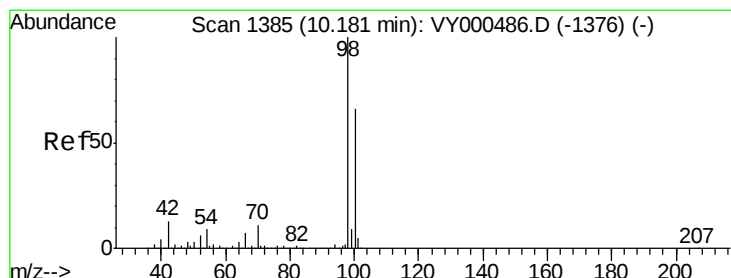
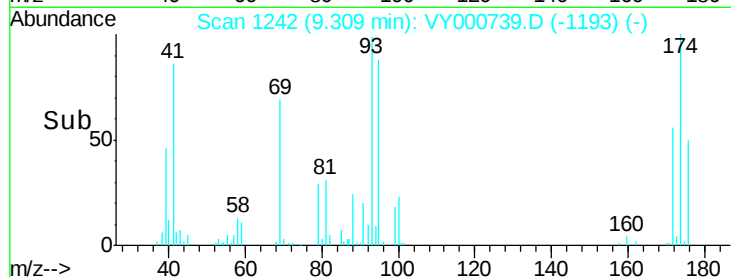
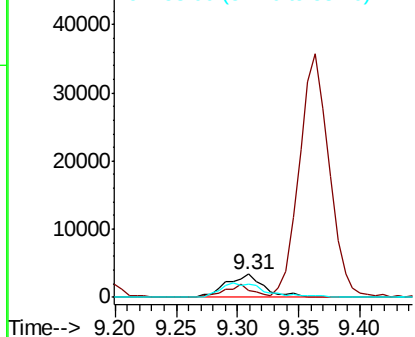


Abundance

Ion 88.00 (87.70 to 88.70): VY0

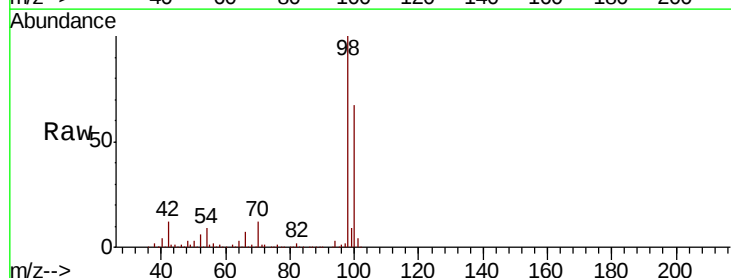
Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50
Toluene-d8
Concen: 52.987 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

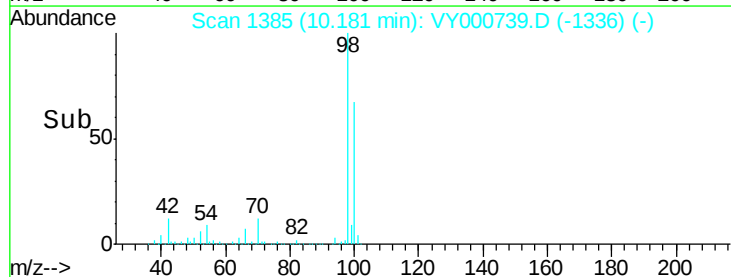
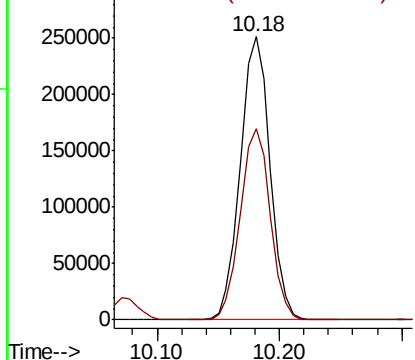
Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.1	52.9	79.3



Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 105.423 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 43 Resp: 212039

Ion Ratio Lower Upper

43 100

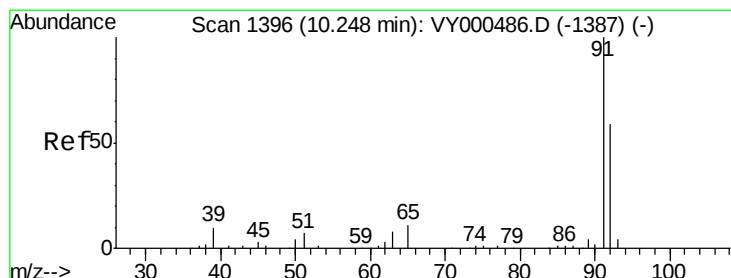
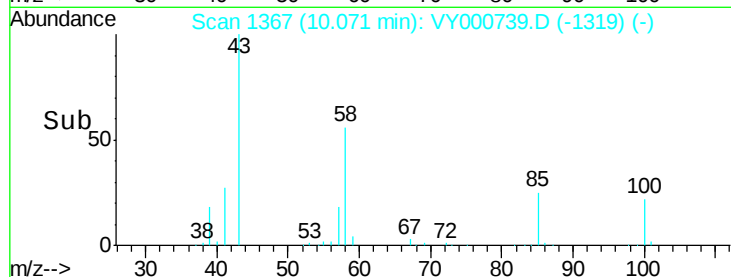
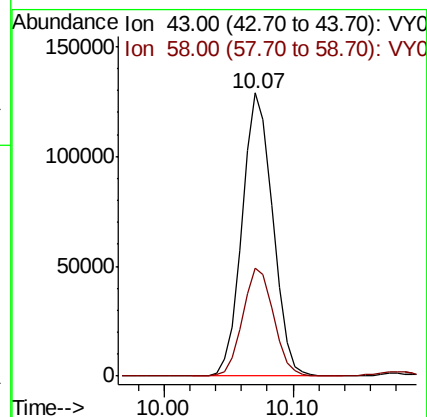
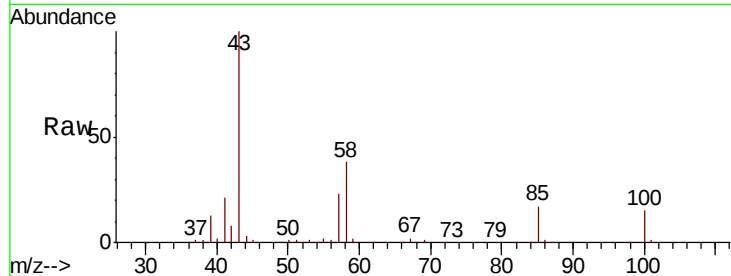
58 38.6 30.2 45.4

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#52

Toluene

Concen: 20.320 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000739.D

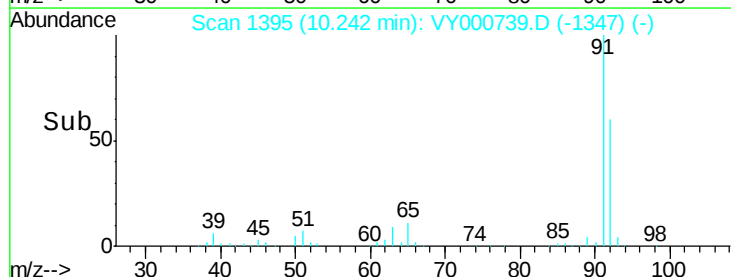
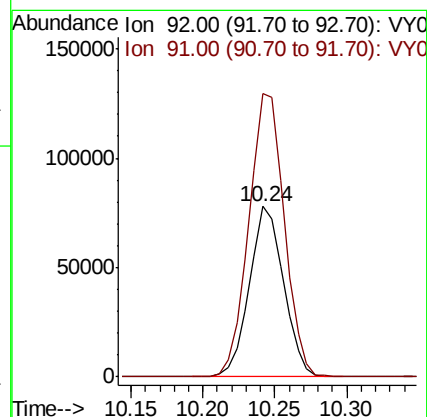
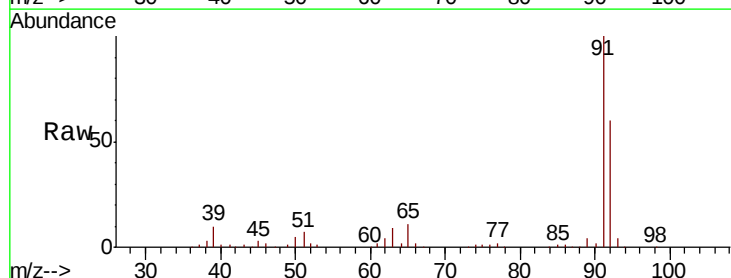
Acq: 19 Nov 2019 12:41

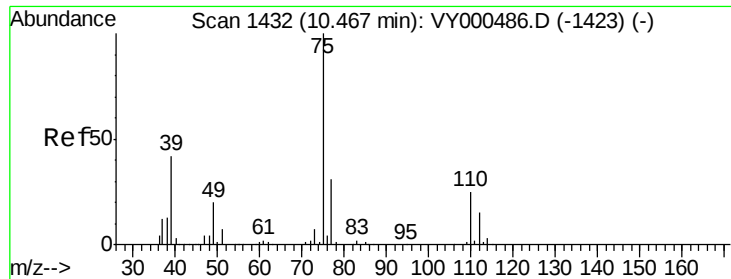
Tgt Ion: 92 Resp: 127757

Ion Ratio Lower Upper

92 100

91 172.3 136.3 204.5





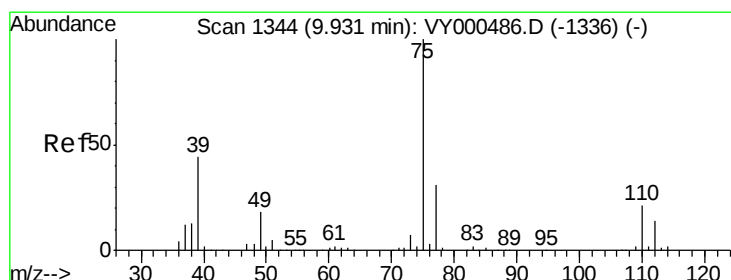
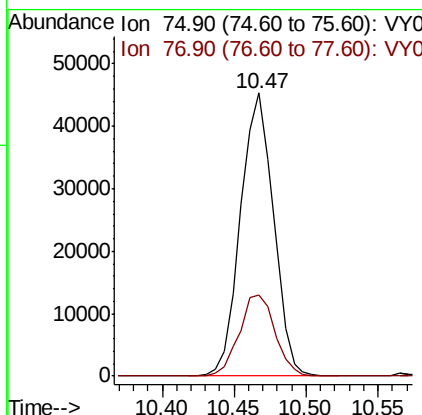
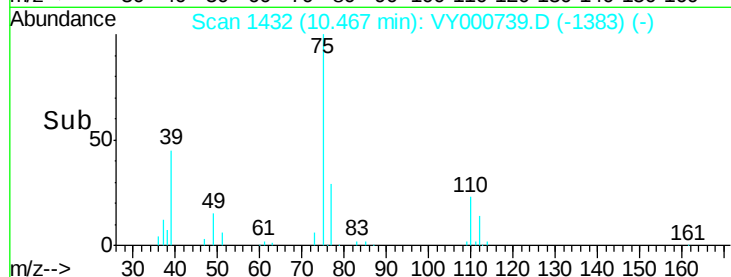
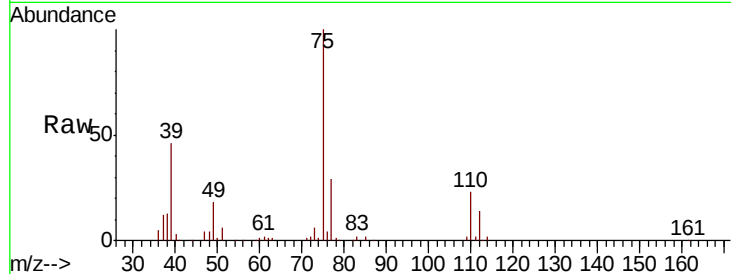
#53
t-1,3-Dichloropropene
Concen: 21.083 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 75 Resp: 71948
Ion Ratio Lower Upper
75 100
77 28.9 24.6 37.0

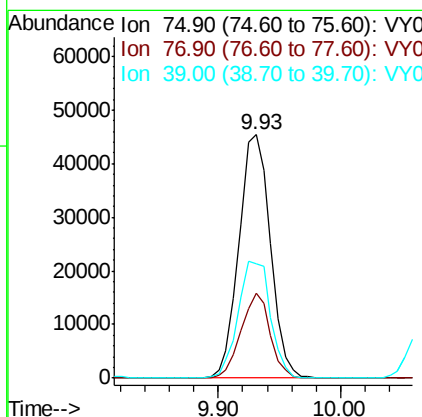
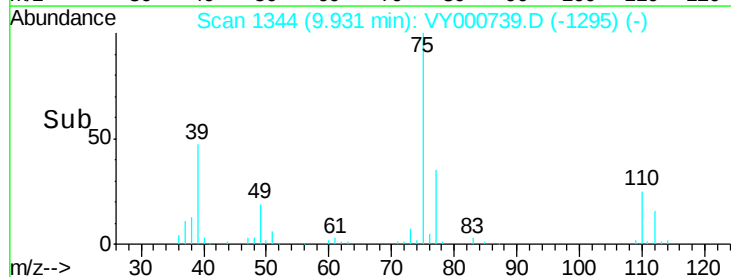
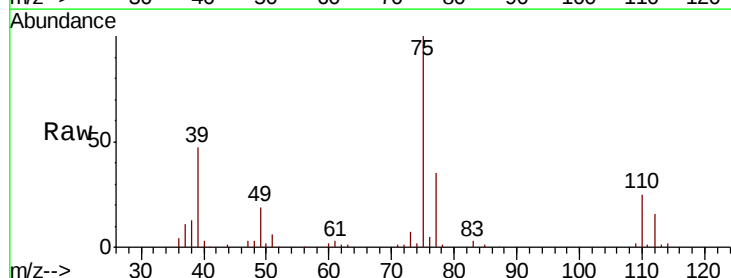
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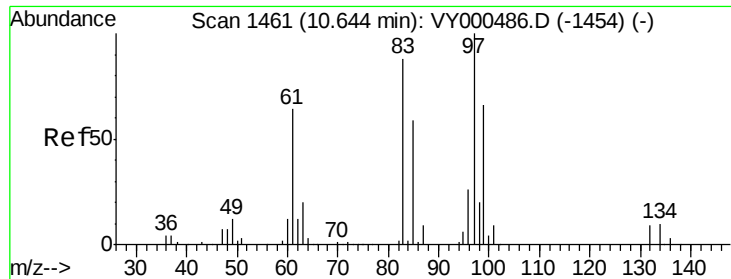
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#54
cis-1,3-Dichloropropene
Concen: 20.710 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 75 Resp: 80968
Ion Ratio Lower Upper
75 100
77 34.9 24.5 36.7
39 47.2 35.4 53.2





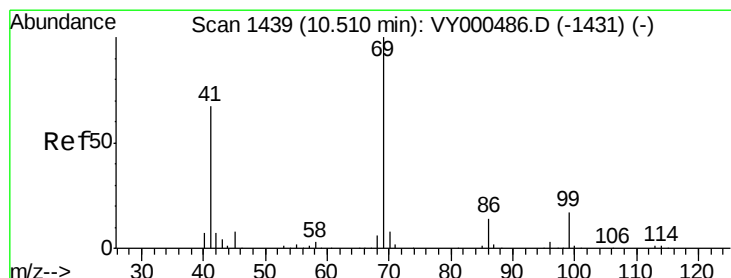
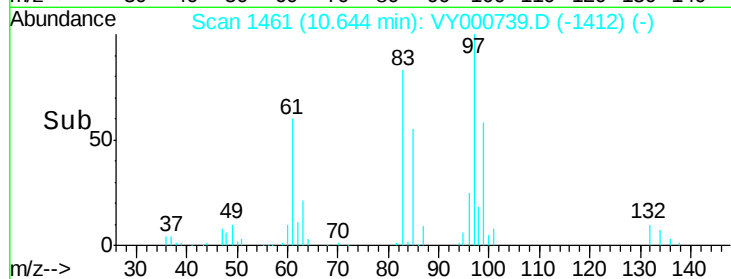
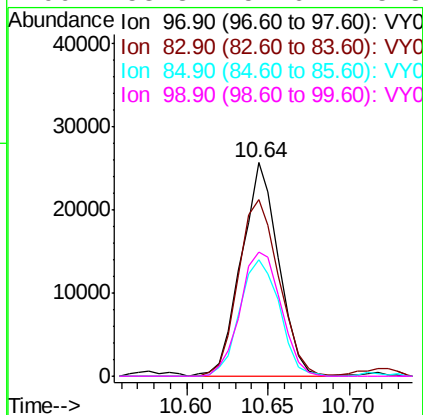
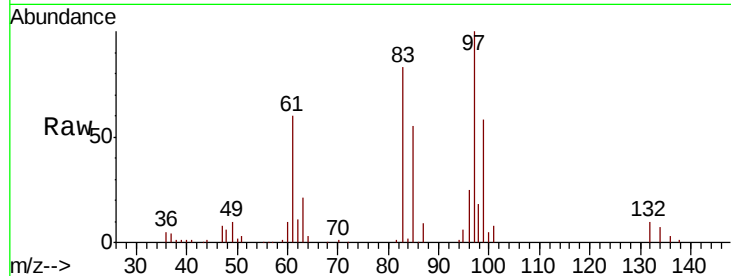
#55
1,1,2-Trichloroethane
Concen: 20.991 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		40867		
83	82.8	70.2	105.4		
85	54.5	46.9	70.3		
99	58.3	52.6	78.8		

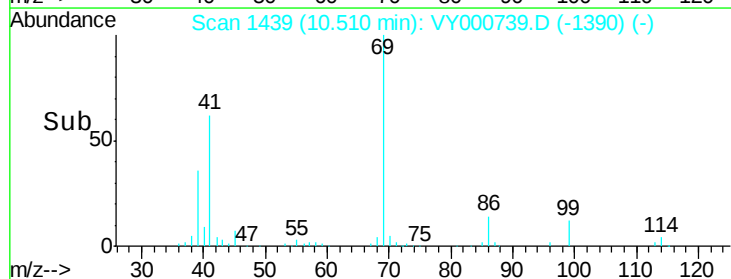
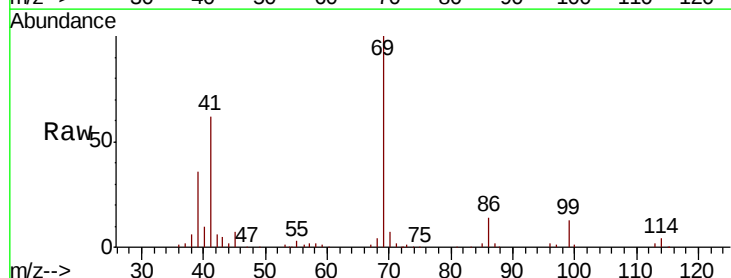
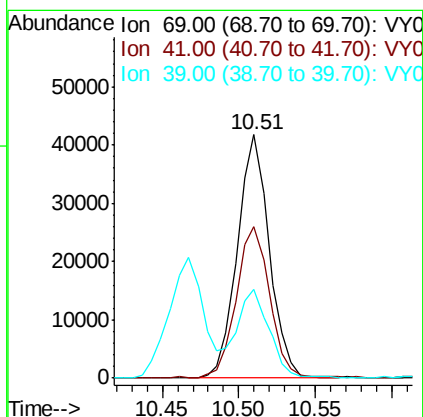
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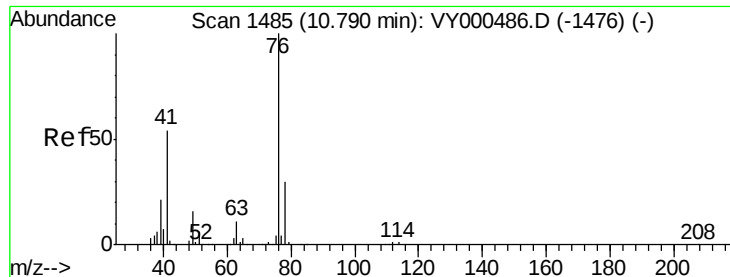
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#56
Ethyl methacrylate
Concen: 21.888 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		60397		
41	66.0	53.3	79.9		
39	38.5	28.0	42.0		





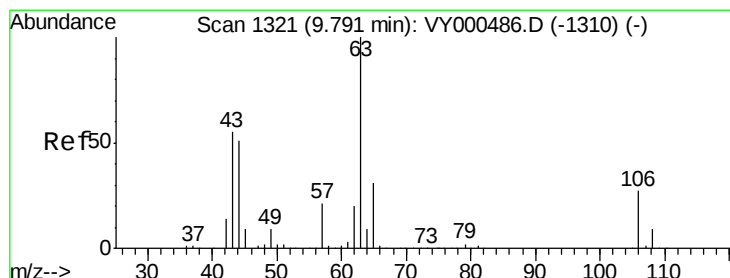
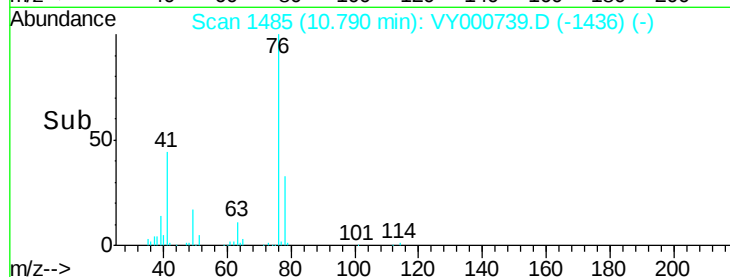
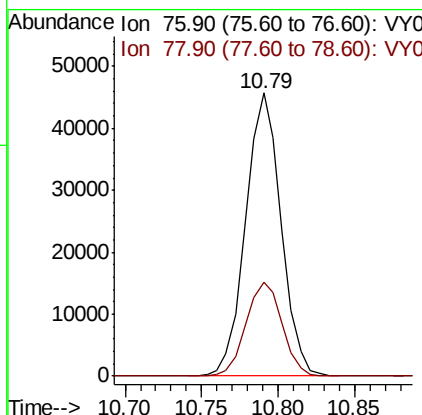
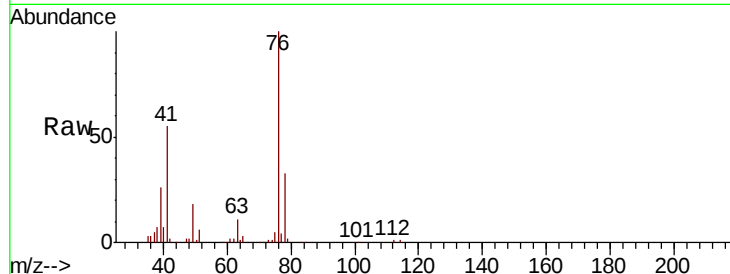
#57
 1,3-Dichloropropane
 Concen: 21.556 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion: 76 Resp: 73452
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.2 37.8

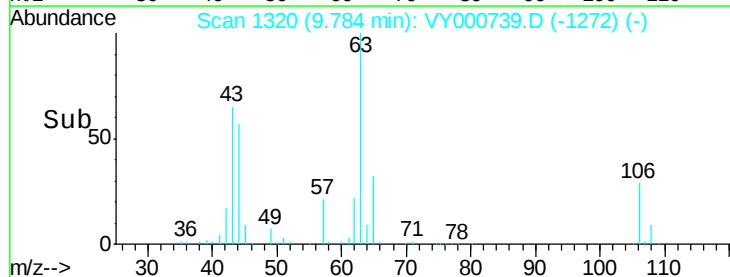
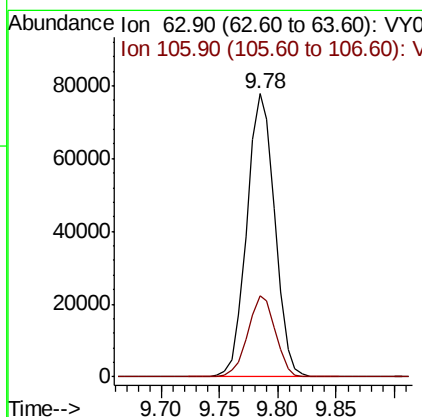
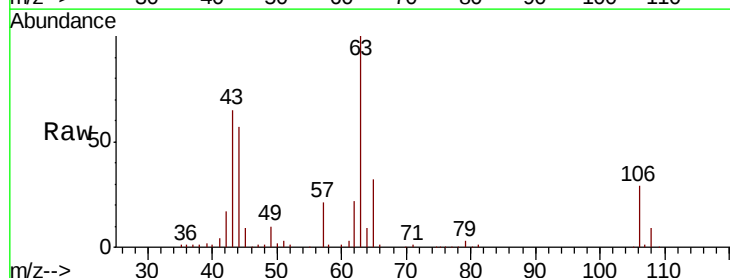
Manual Integrations
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 11/20/2019 9:57:24 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.561 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion: 63 Resp: 130439
 Ion Ratio Lower Upper
 63 100
 106 28.3 22.6 33.8





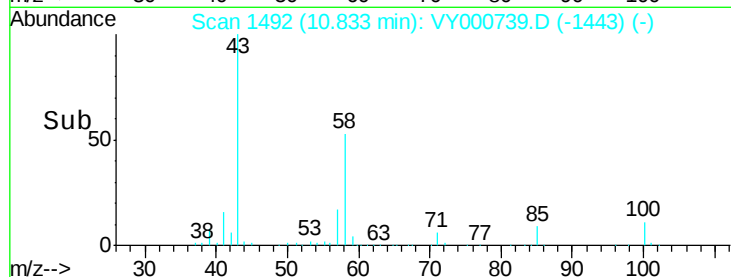
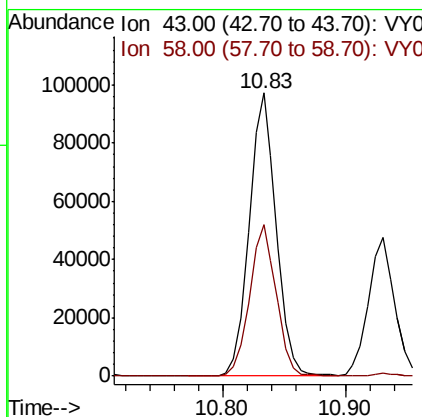
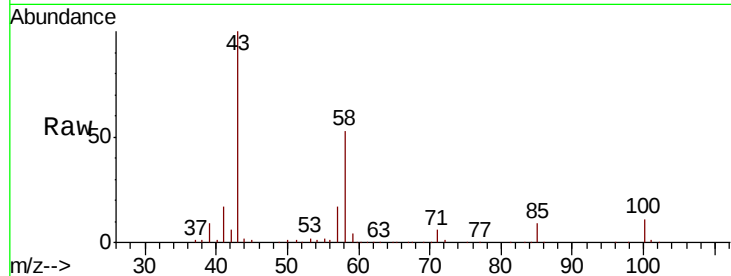
#59
2-Hexanone
Concen: 101.391 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 43 Resp: 148581
Ion Ratio Lower Upper
43 100
58 53.0 27.1 81.3

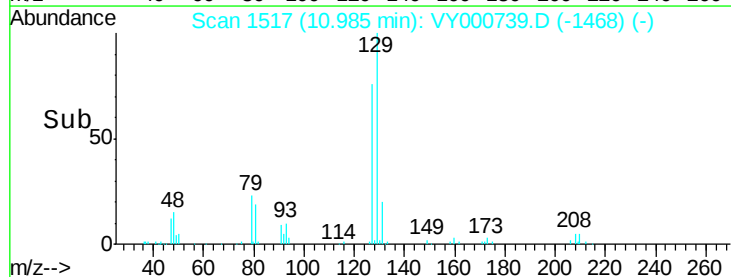
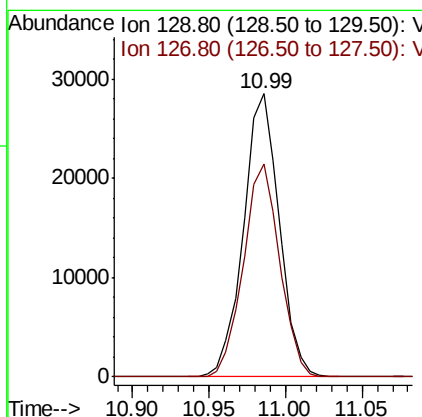
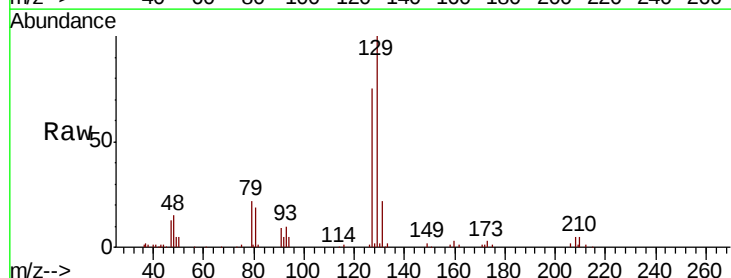
Manual Integrations
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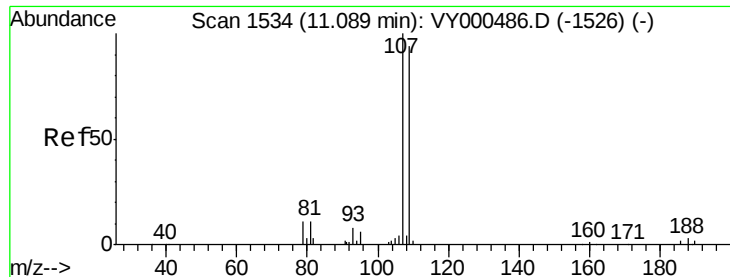
MMDadoda
11/20/2019 9:57:24 AM



#60
Dibromochloromethane
Concen: 20.804 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 129 Resp: 46394
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





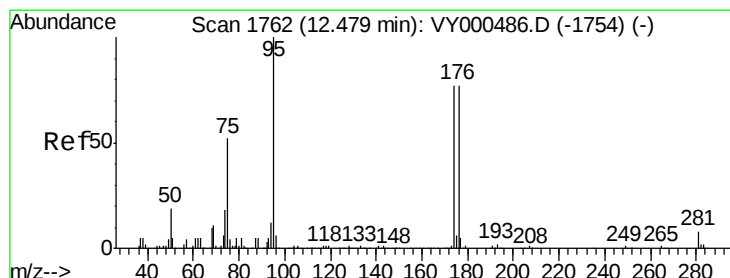
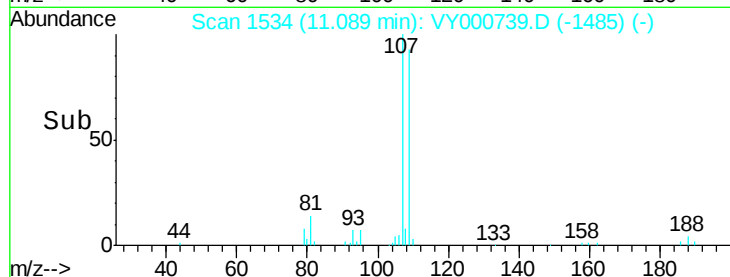
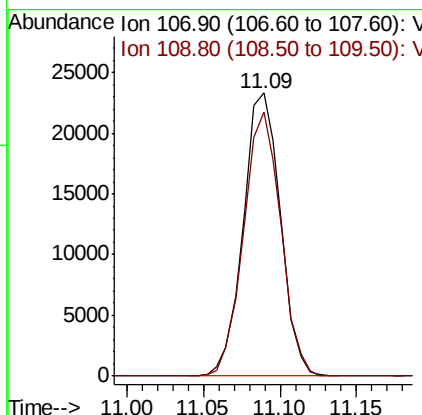
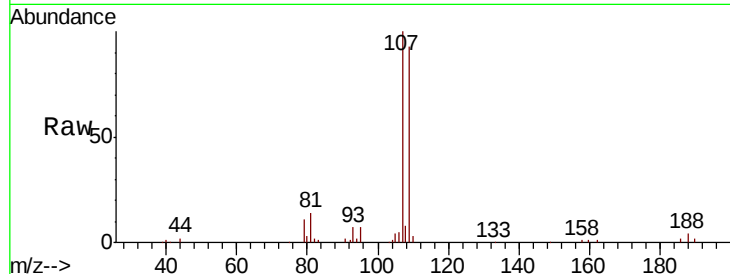
#61
 1,2-Dibromoethane
 Concen: 20.996 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	73.6	110.4

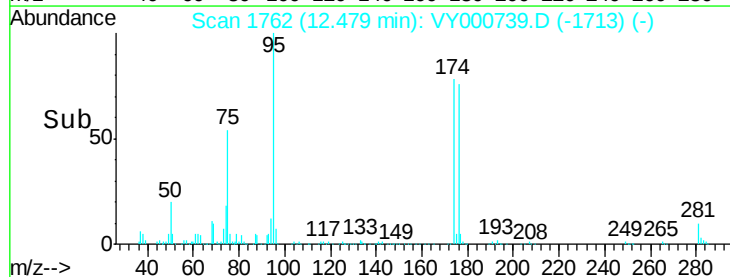
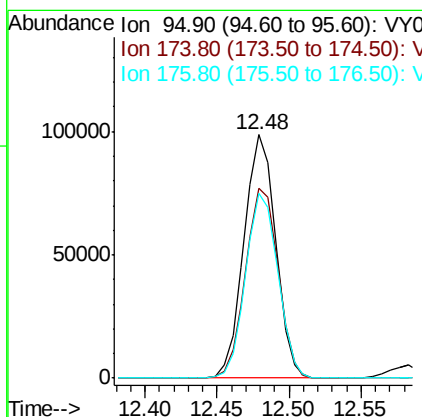
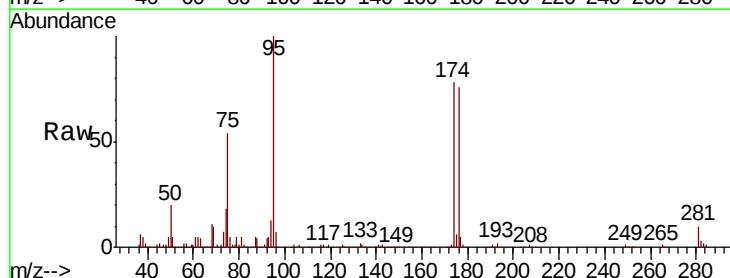
Manual Integrations
 APPROVED

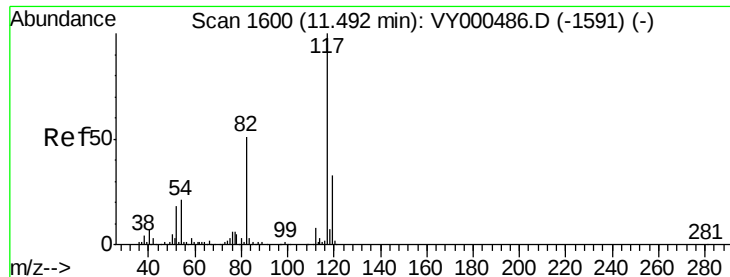
MMDadoda
 11/20/2019 9:57:24 AM



#62
 4-Bromofluorobenzene
 Concen: 49.509 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	161.6
176	77.1	0.0	157.8





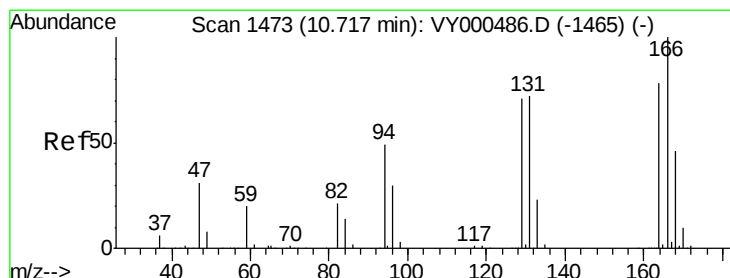
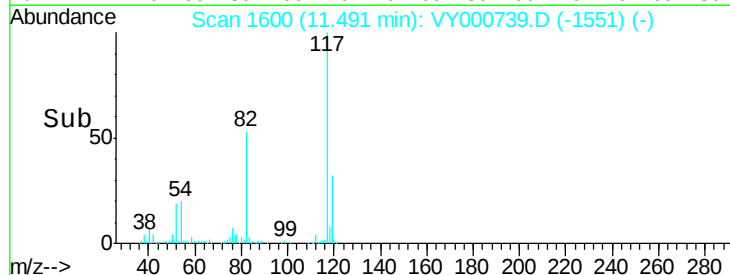
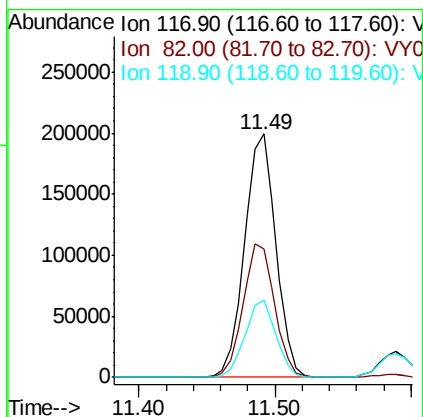
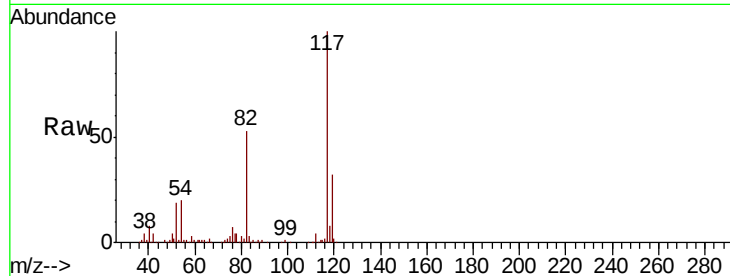
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.8	61.2
119	31.8	26.2	39.2

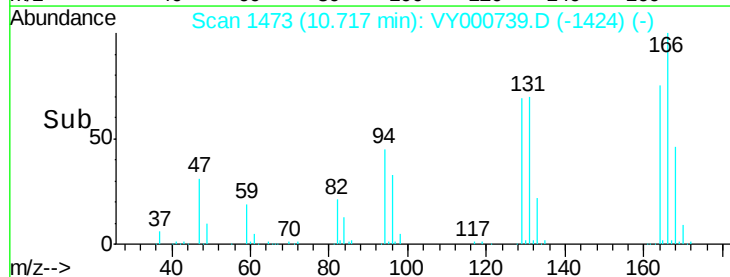
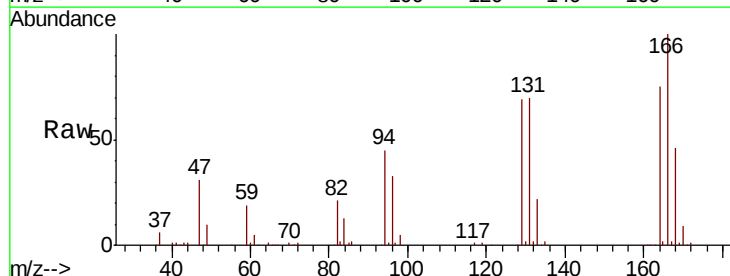
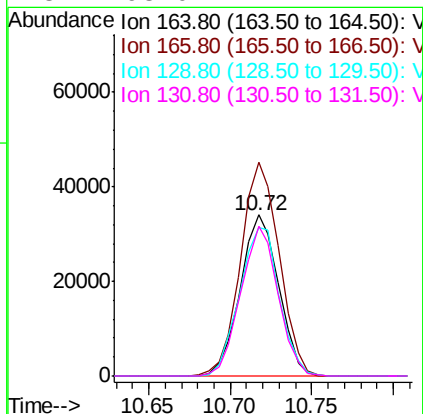
Manual Integrations
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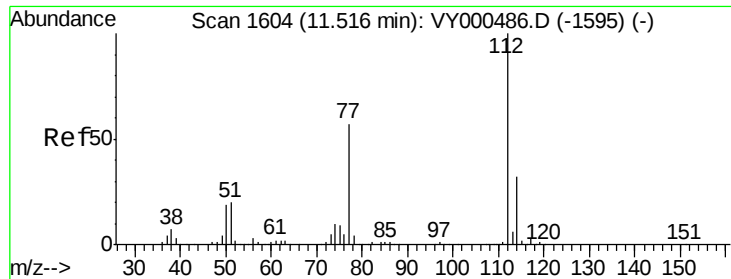
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11/20/2019 9:57:24 AM



#64
Tetrachloroethene
Concen: 21.099 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.7	102.7	154.1
129	91.9	73.2	109.8
131	93.0	74.2	111.2





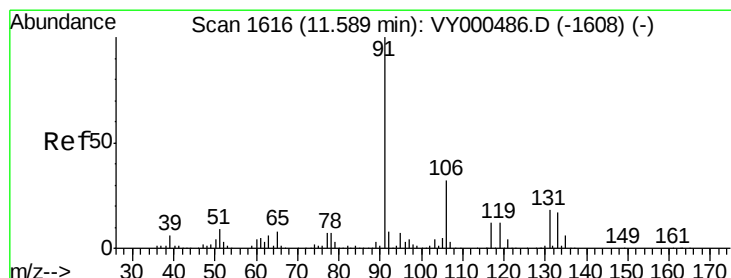
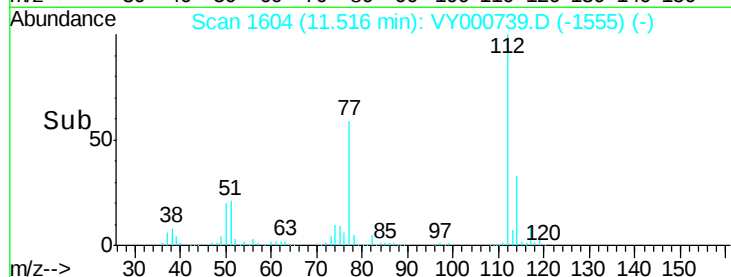
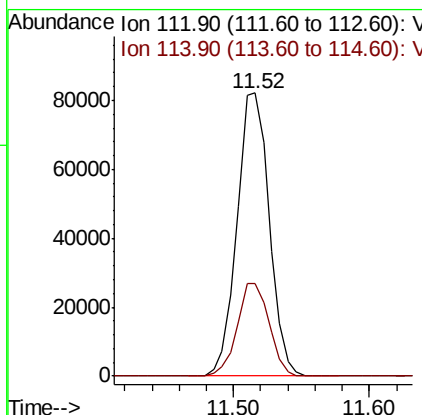
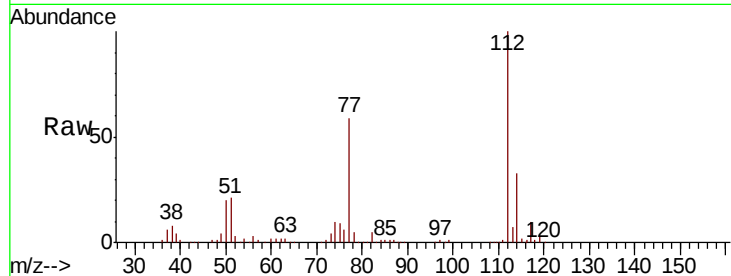
#65
Chlorobenzene
Concen: 20.912 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion:112 Resp: 135696
Ion Ratio Lower Upper
112 100
114 32.8 25.3 37.9

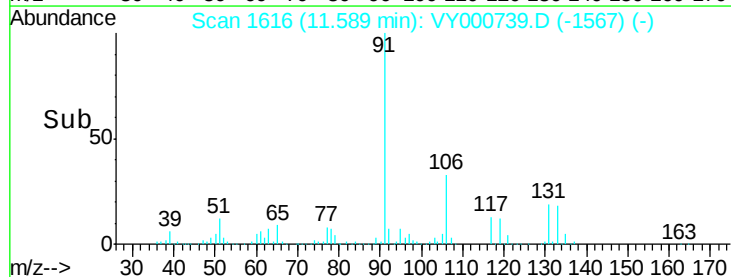
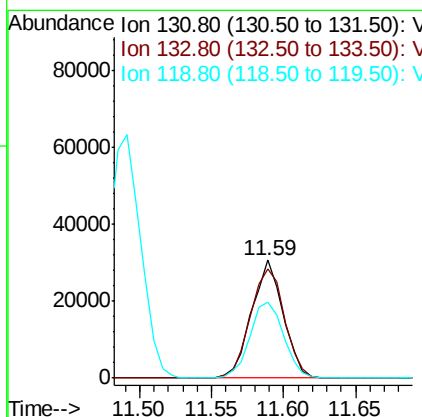
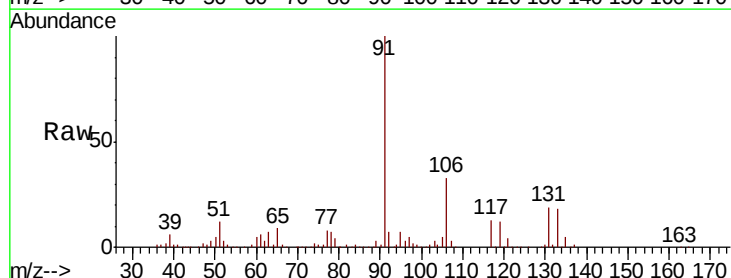
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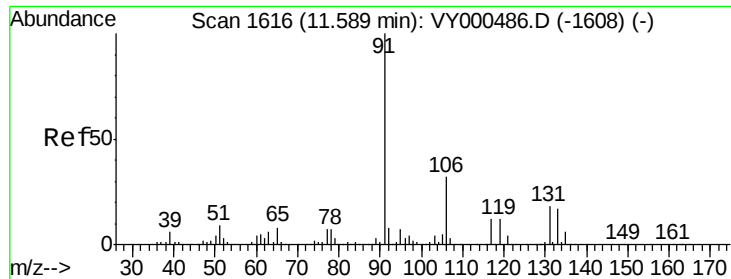
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.598 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion:131 Resp: 46354
Ion Ratio Lower Upper
131 100
133 100.4 47.9 143.8
119 69.7 33.1 99.3





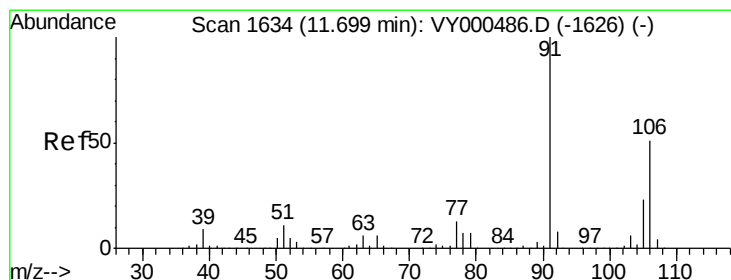
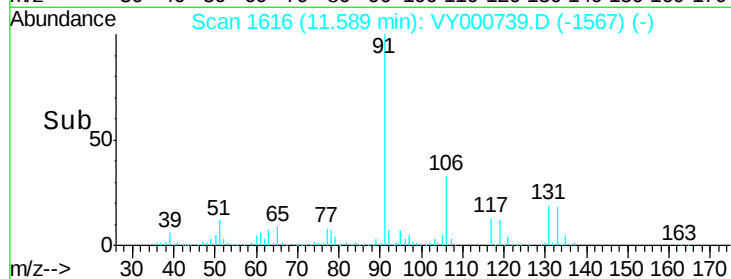
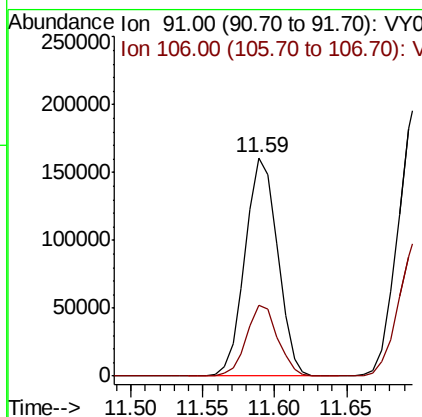
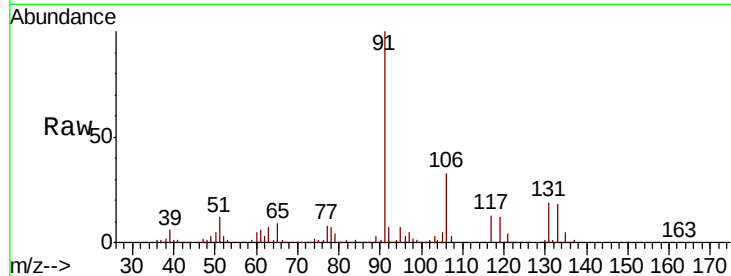
#67
Ethyl Benzene
Concen: 21.099 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion: 91 Resp: 251966
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.0

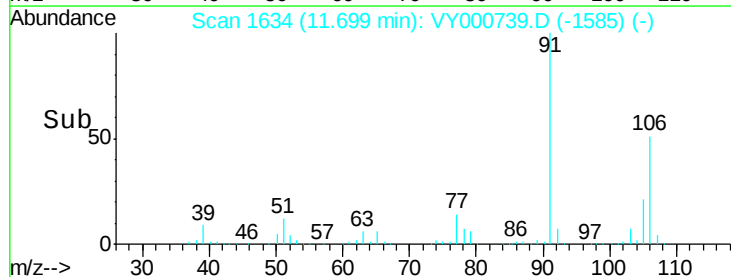
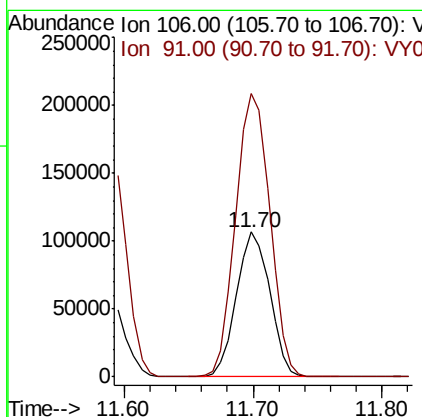
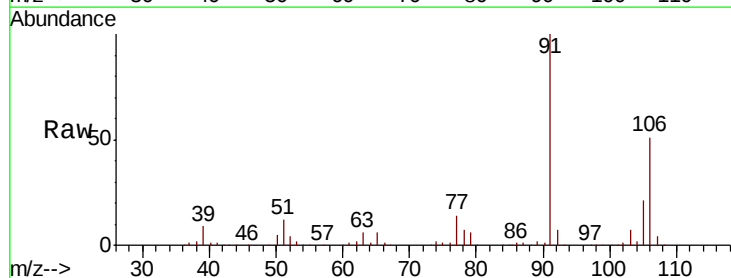
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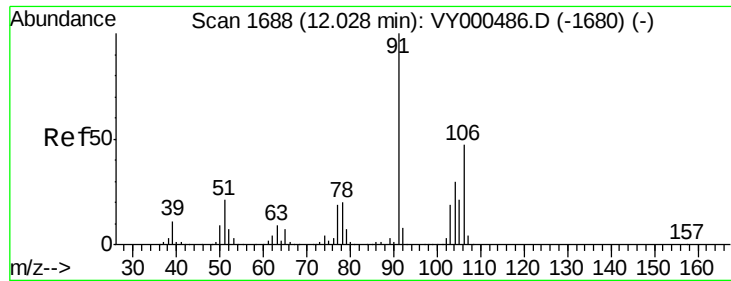
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#68
m/p-Xylenes
Concen: 41.490 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion: 106 Resp: 191774
Ion Ratio Lower Upper
106 100
91 201.0 155.9 233.9





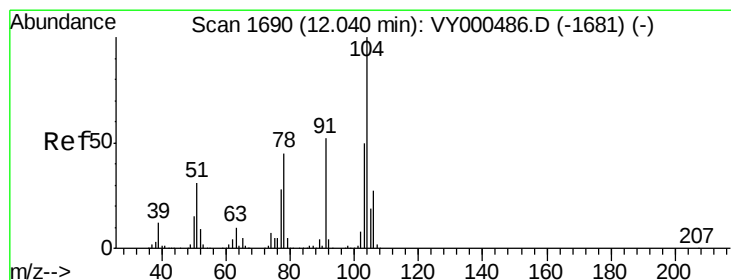
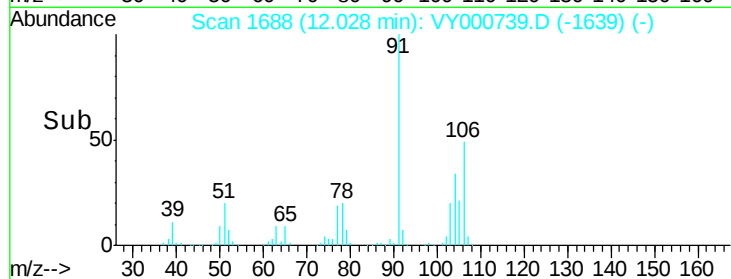
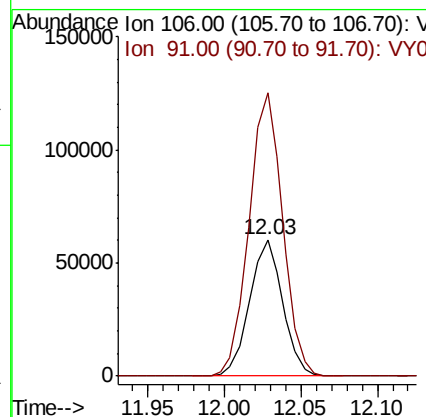
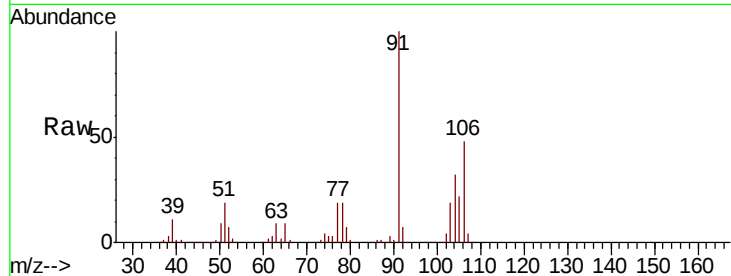
#69
o-Xylene
Concen: 20.867 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion:106 Resp: 90647
Ion Ratio Lower Upper
106 100
91 211.3 106.5 319.6

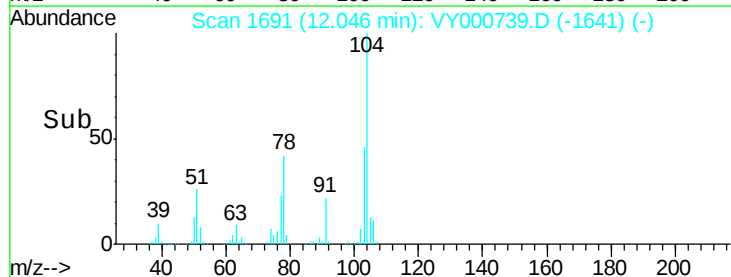
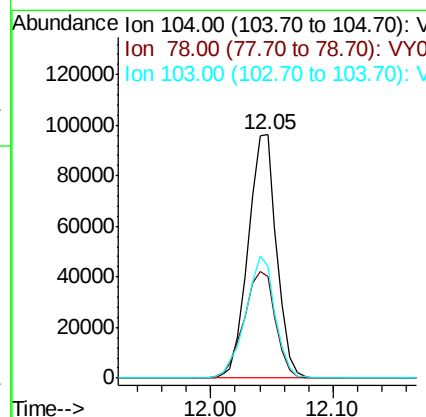
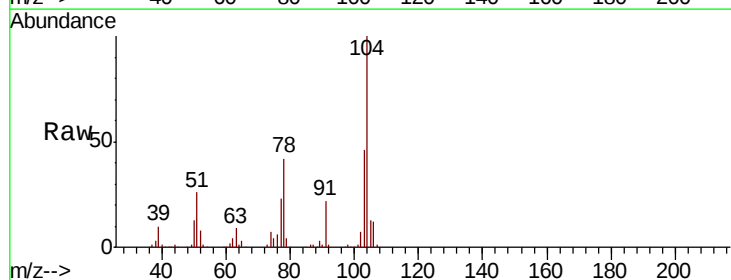
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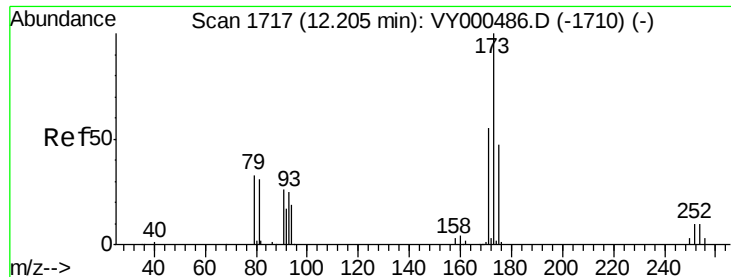
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#70
Styrene
Concen: 20.919 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion:104 Resp: 155608
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 51.7 42.5 63.7





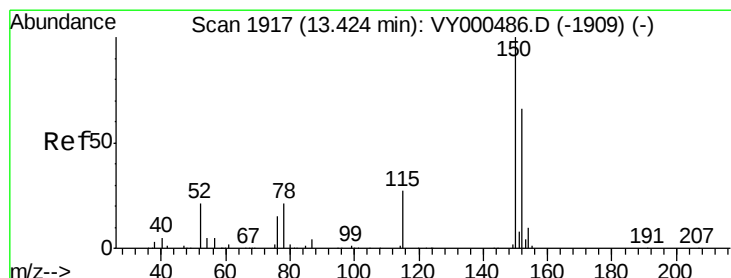
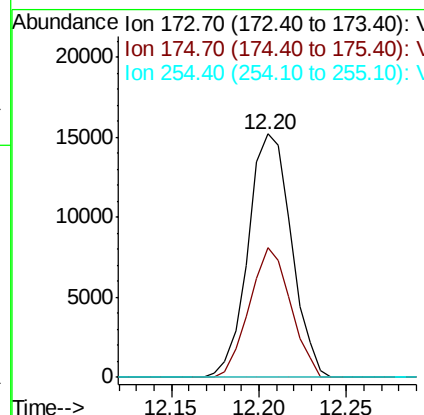
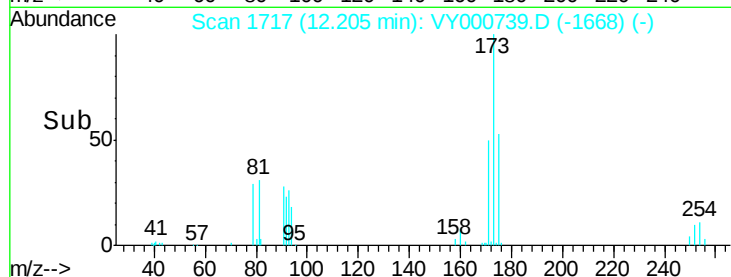
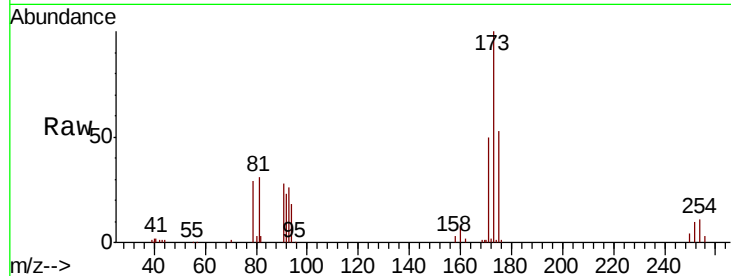
#71
Bromoform
Concen: 20.180 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.9	24.4	73.2
254	0.0	0.1	0.1#

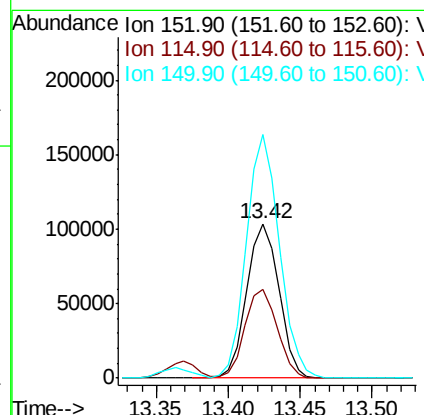
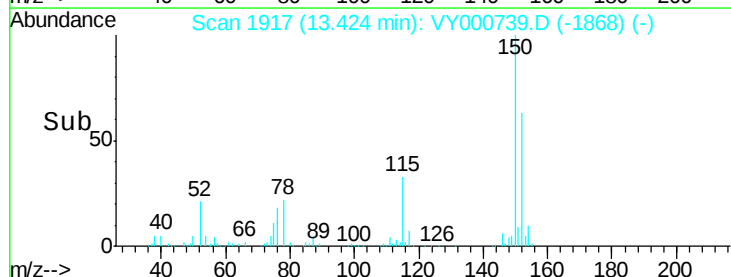
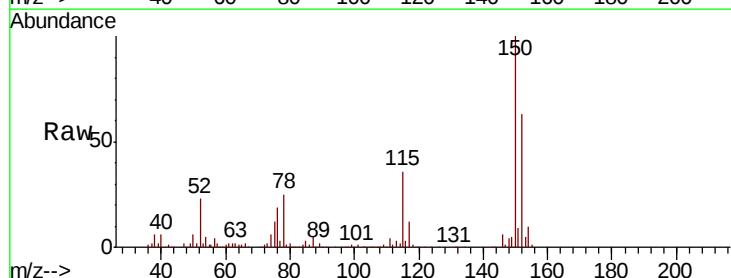
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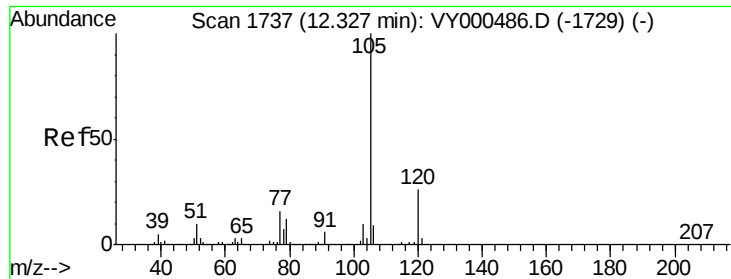
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.1	87.4
150	161.3	0.0	348.8





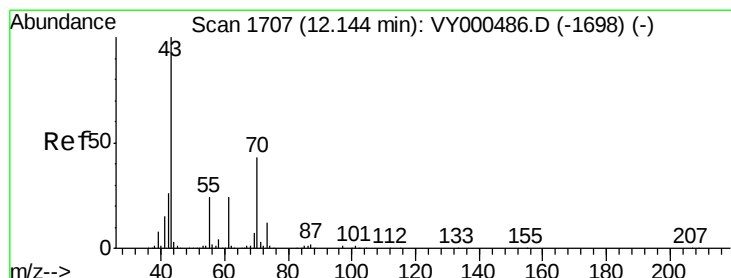
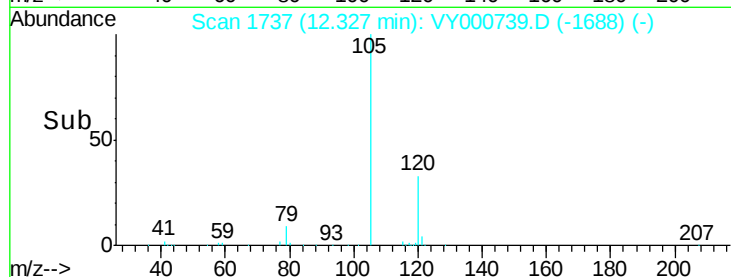
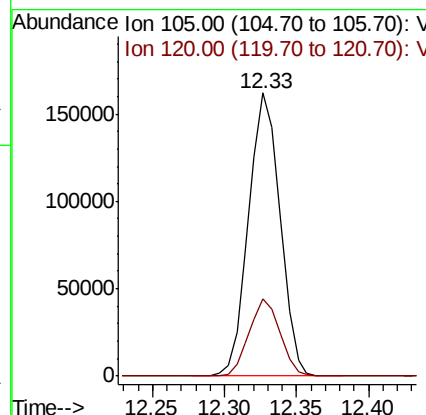
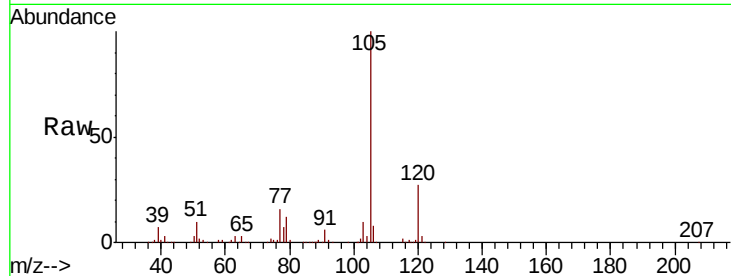
#73
Isopropylbenzene
Concen: 20.609 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.5	40.4

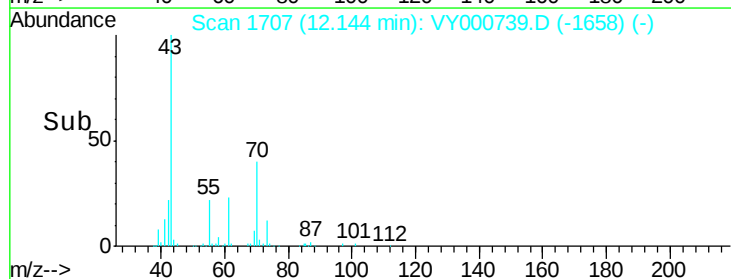
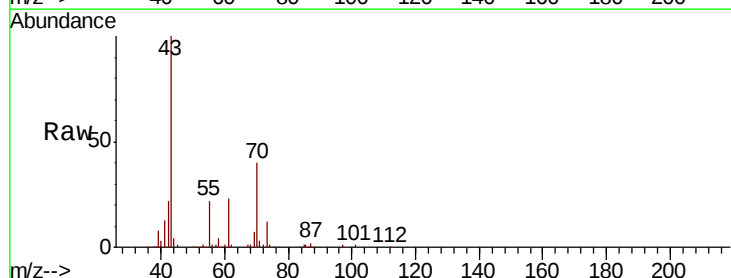
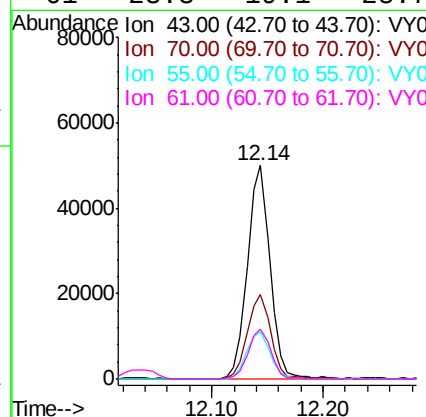
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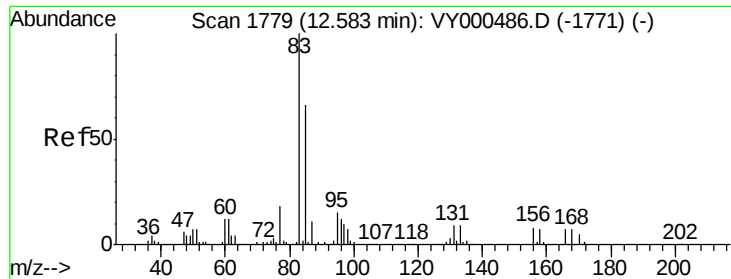
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#74
N-ethyl acetate
Concen: 20.766 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.5	33.1	49.7
55	23.4	18.0	27.0
61	23.3	19.1	28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.118 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

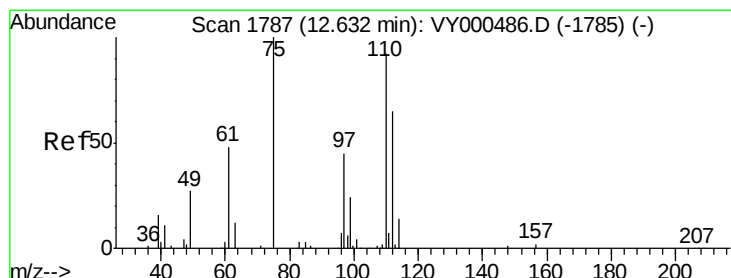
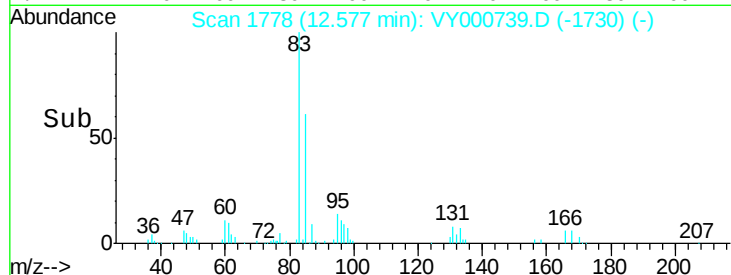
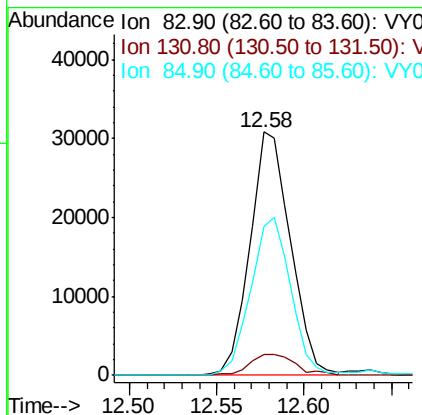
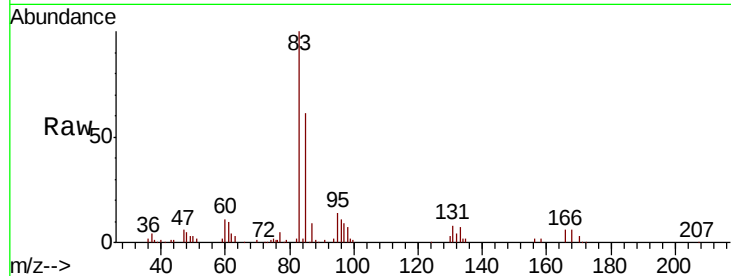
ClientSampleId :

VY1119SBS01

Tot Ion:	83	Resp:	49623
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.0	14.9
85	63.8	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.594 ug/l m

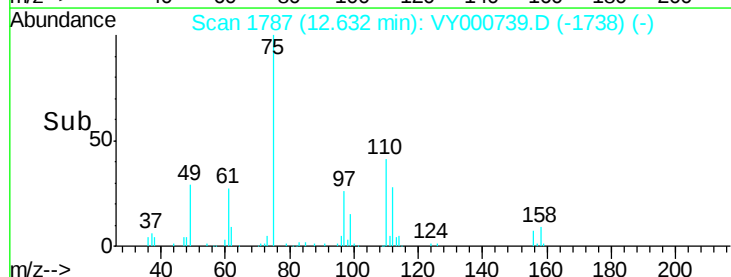
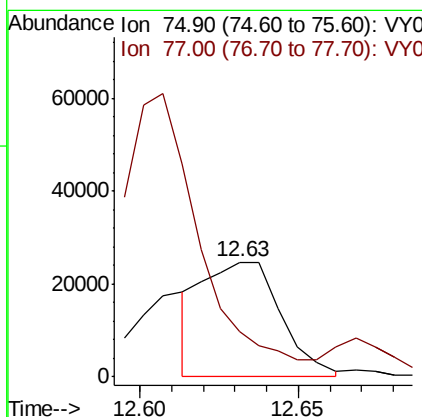
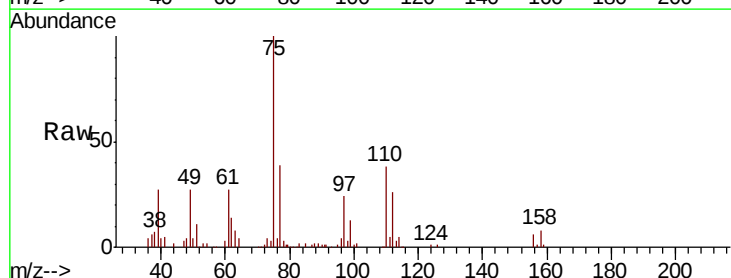
RT: 12.63 min Scan# 1787

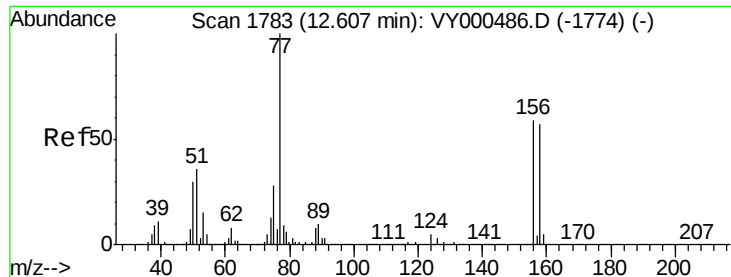
Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Tgt Ion:	75	Resp:	43137
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





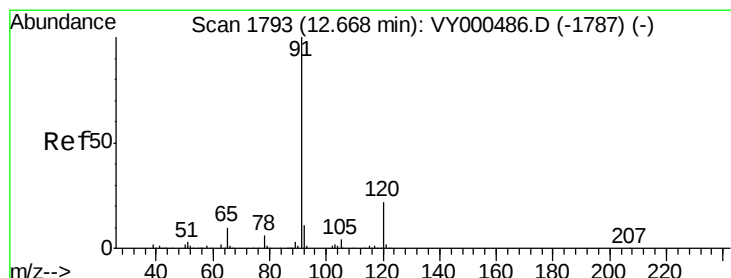
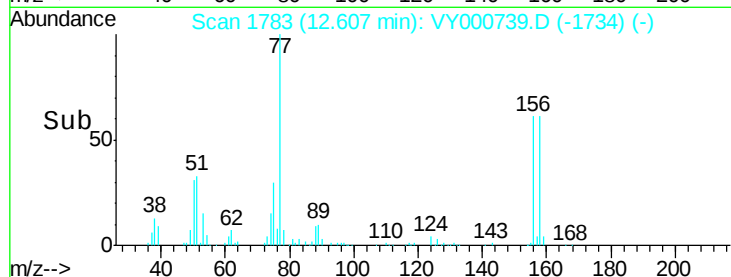
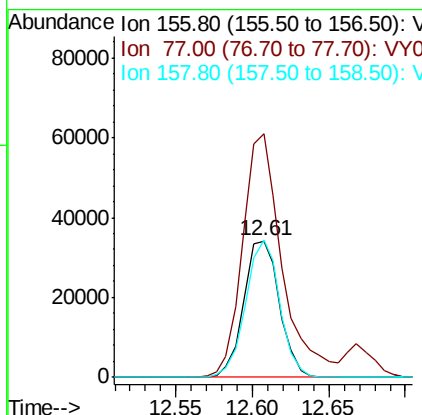
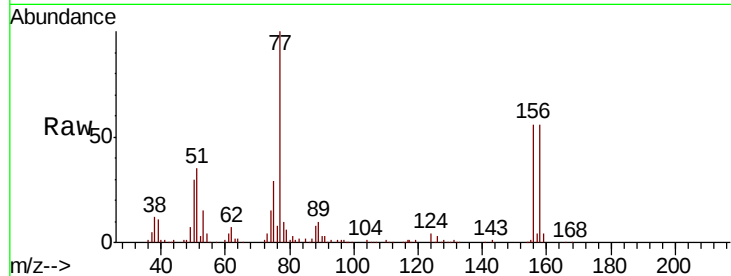
#77
Bromobenzene
Concen: 20.627 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	198.0	98.2	294.4
158	95.8	49.6	149.0

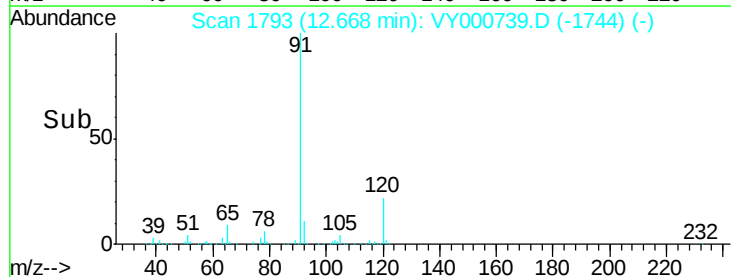
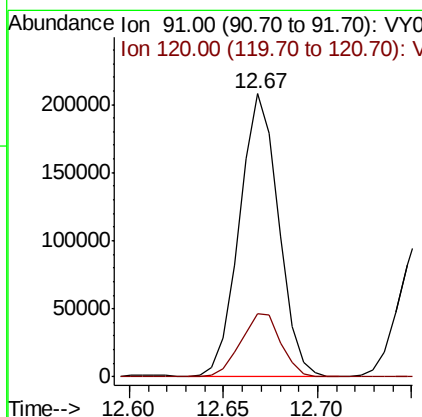
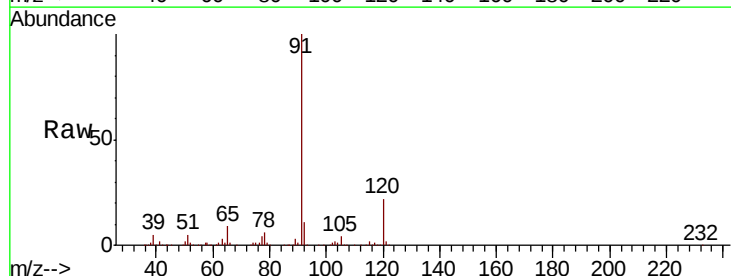
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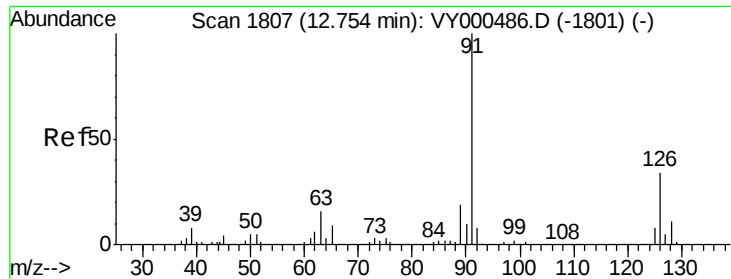
MMDadoda
11/20/2019 9:57:24 AM



#78
n-propylbenzene
Concen: 20.851 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.4	34.1





#79

2-Chlorotoluene

Concen: 20.367 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY1119SBS01

Tot Ion: 91 Resp: 161904

Ion Ratio Lower Upper

91 100

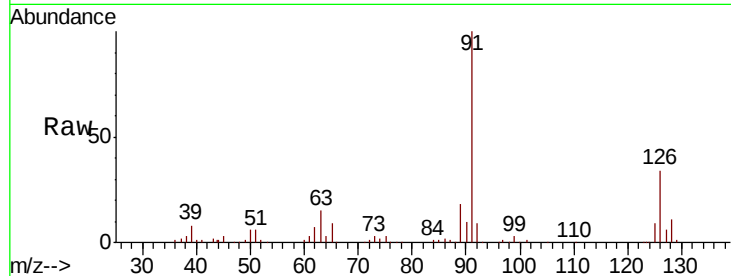
126 35.5 17.7 53.1

Manual Integrations

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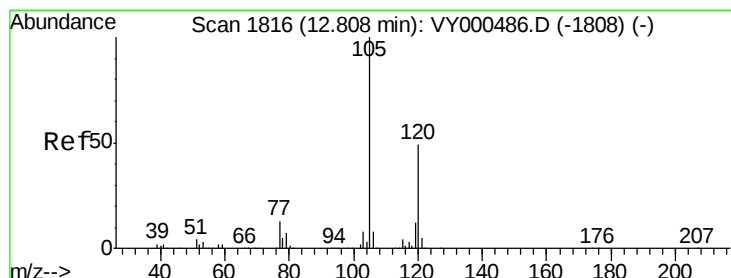
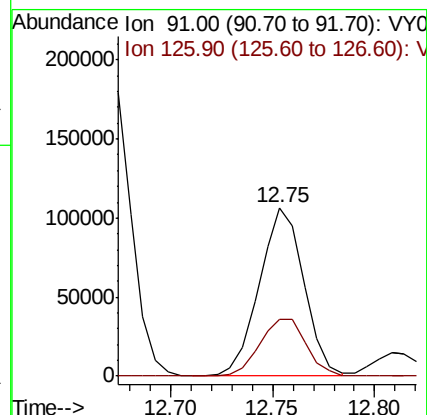
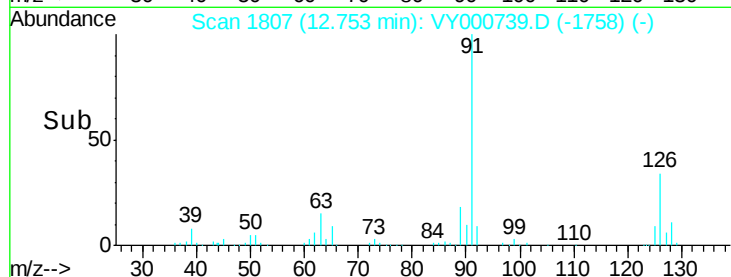
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Abundance Ion 91.00 (90.70 to 91.70): VY000486.D (-1801) (-)

Ion 125.90 (125.60 to 126.60): VY000486.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.692 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000739.D

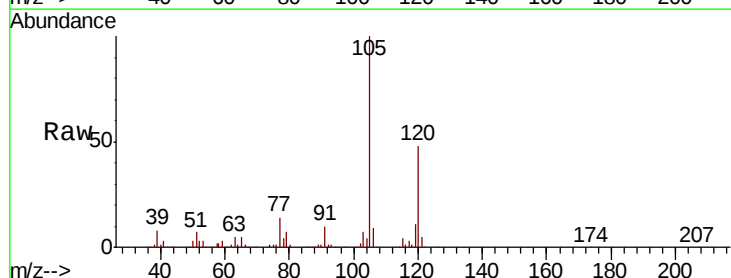
Acq: 19 Nov 2019 12:41

Tgt Ion:105 Resp: 204517

Ion Ratio Lower Upper

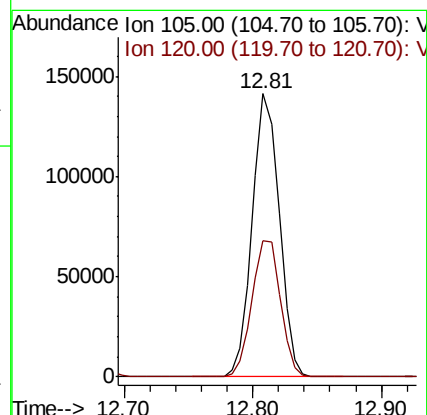
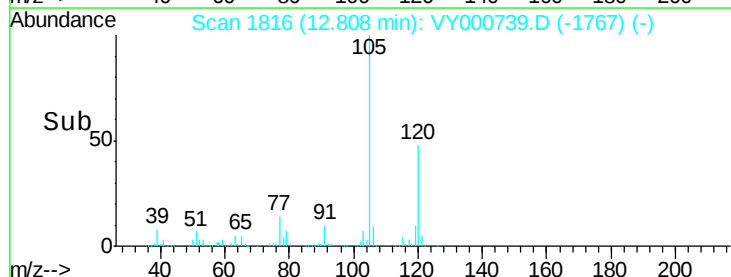
105 100

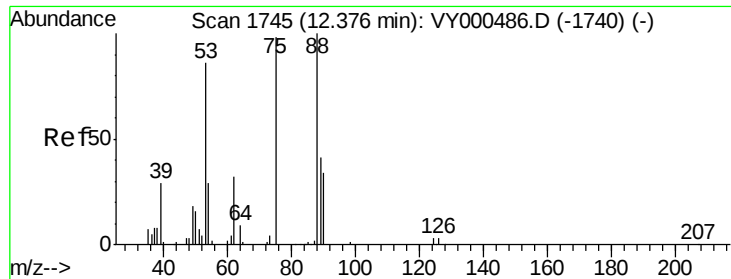
120 50.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000486.D (-1808) (-)

Ion 120.00 (119.70 to 120.70): VY000486.D (-1808) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.762 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.01 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Instrument :

MSVOA_Y

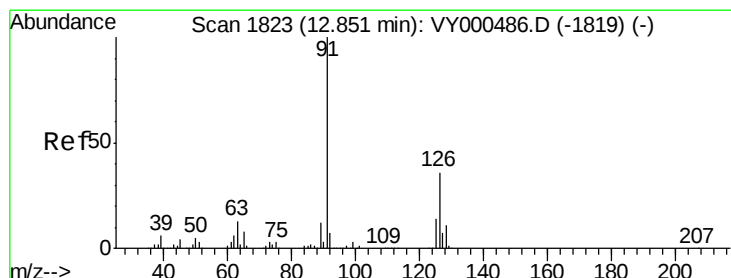
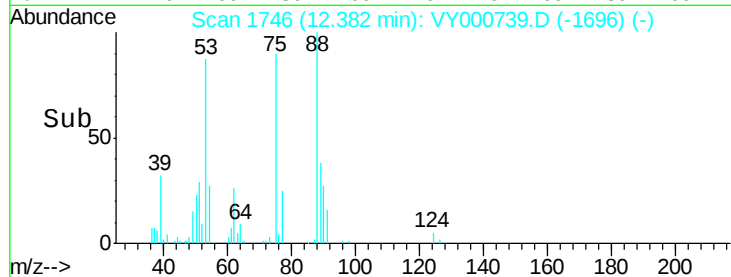
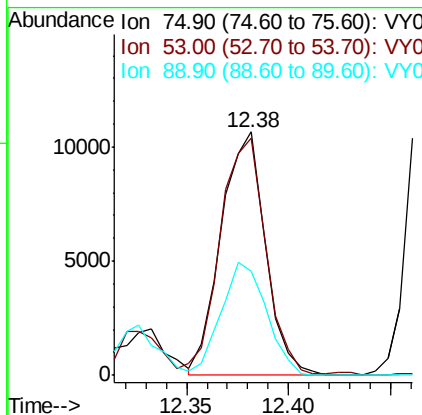
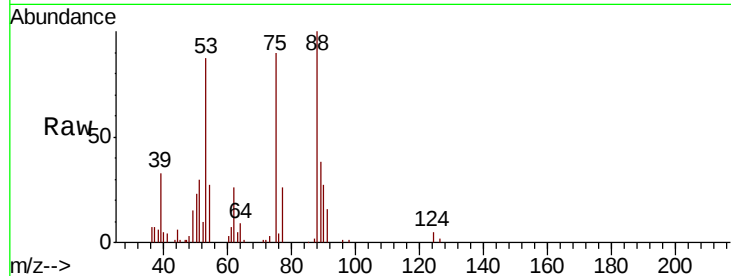
ClientSampleId :

VY1119SBS01

Tot Ion:	75	Resp:	16115
Ion	Ratio	Lower	Upper
75	100		
53	101.2	73.2	109.8
89	47.3	35.9	53.9

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#82

4-Chlorotoluene

Concen: 20.940 ug/l

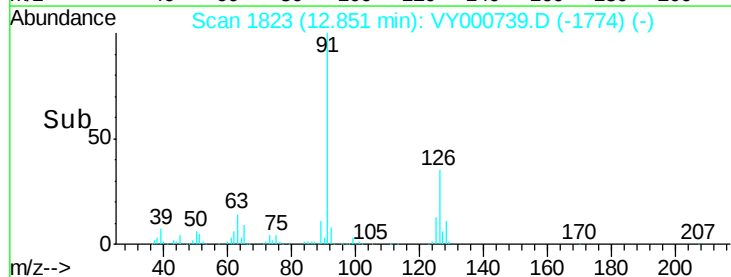
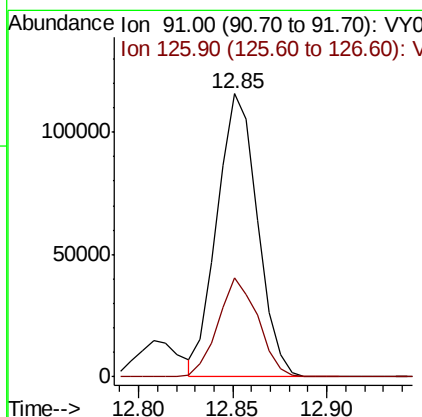
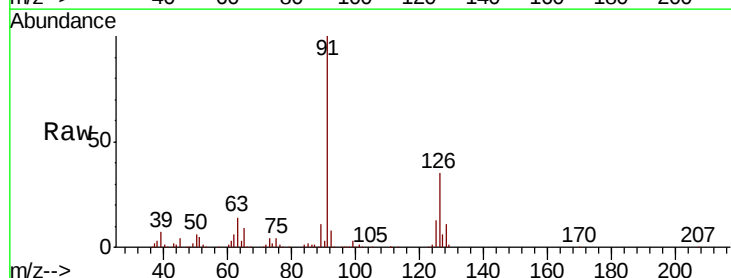
RT: 12.85 min Scan# 1823

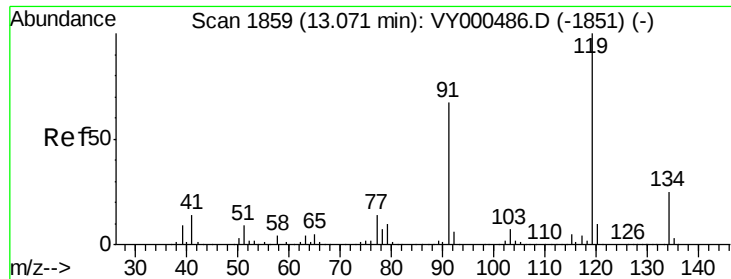
Delta R.T. -0.00 min

Lab File: VY000739.D

Acq: 19 Nov 2019 12:41

Tgt Ion:	91	Resp:	172552
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.6	52.9





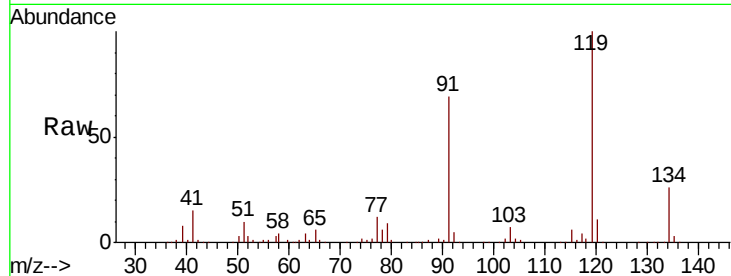
#83
tert-Butylbenzene
Concen: 20.613 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

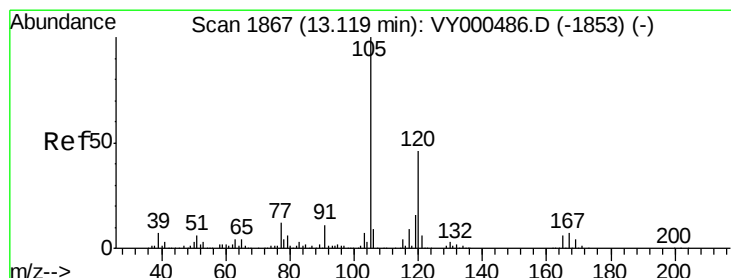
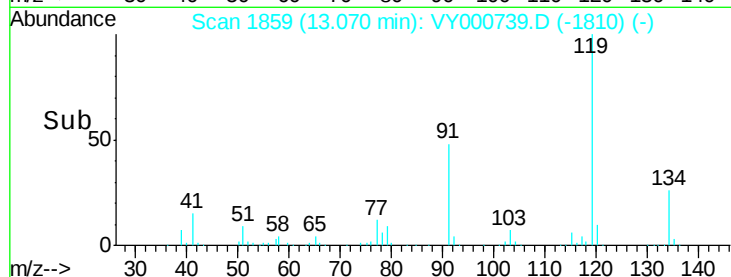
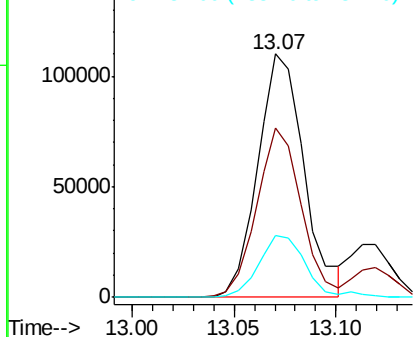
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.8	32.1	96.3
134	26.3	13.2	39.5

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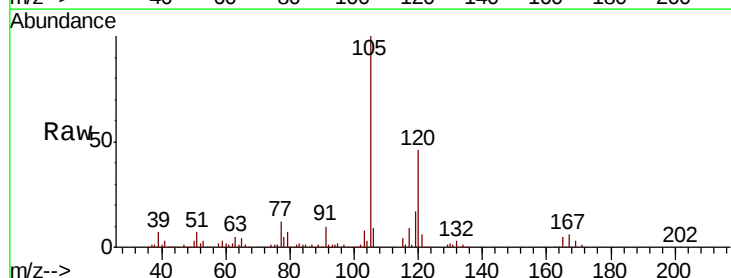


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

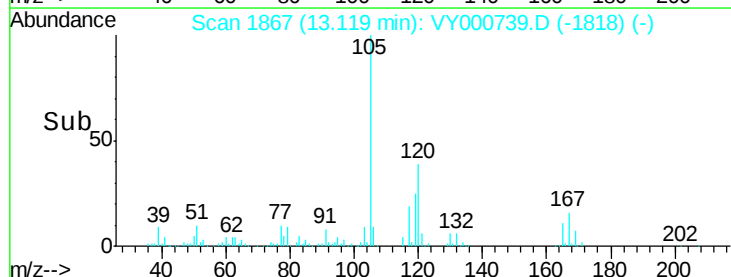
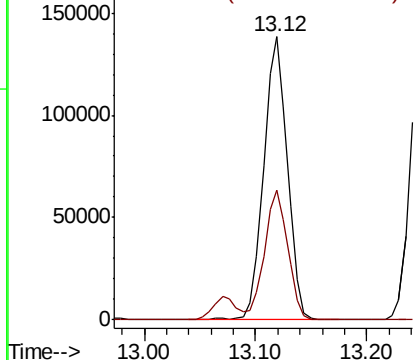


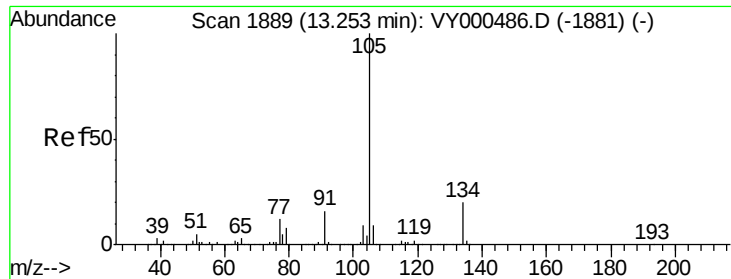
#84
1,2,4-Trimethylbenzene
Concen: 20.863 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.3	69.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





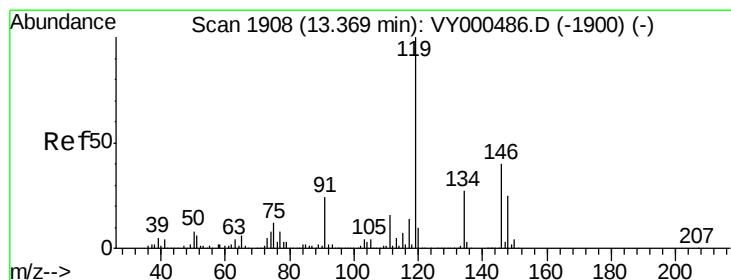
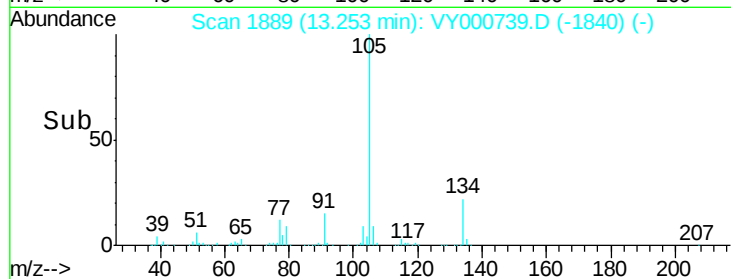
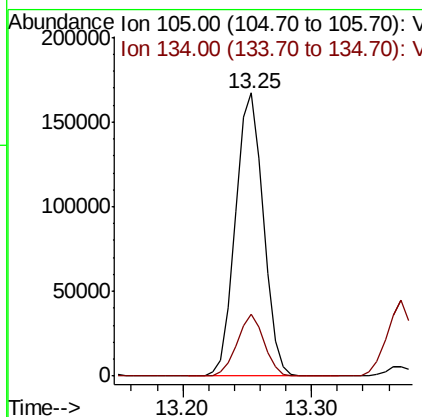
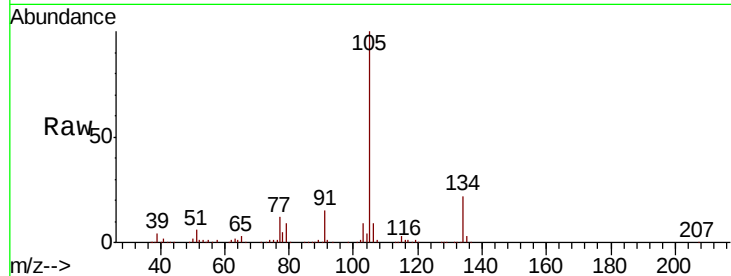
#85
 sec-Butylbenzene
 Concen: 20.874 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.1	30.1

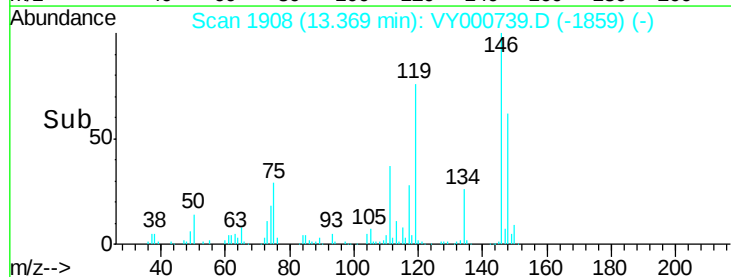
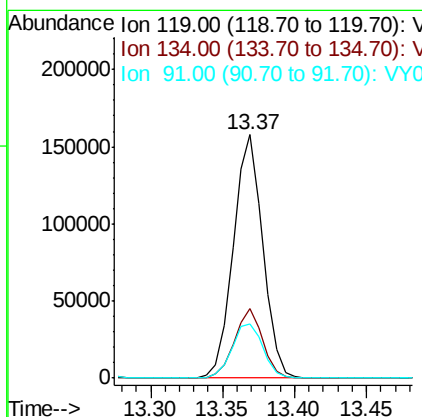
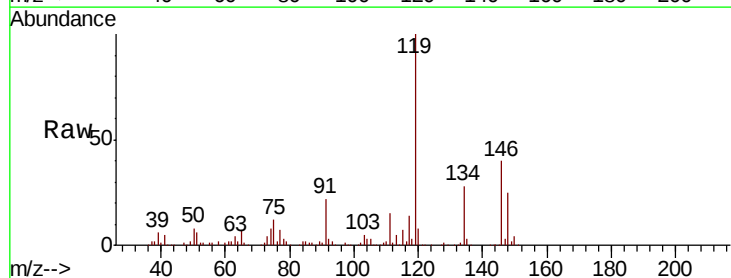
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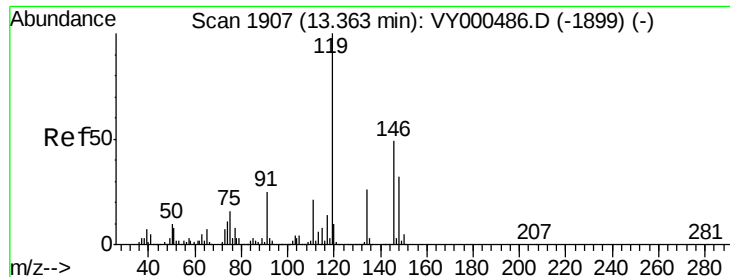
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#86
 p-Isopropyltoluene
 Concen: 20.983 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.6	40.8
91	23.7	12.0	36.1





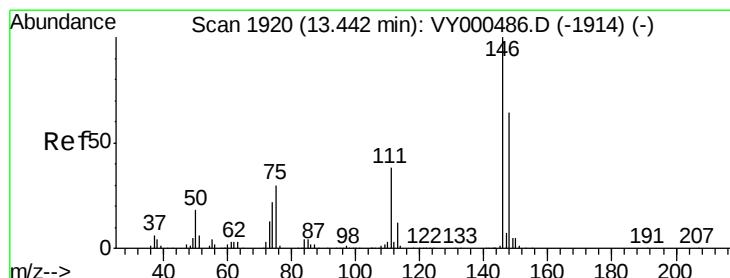
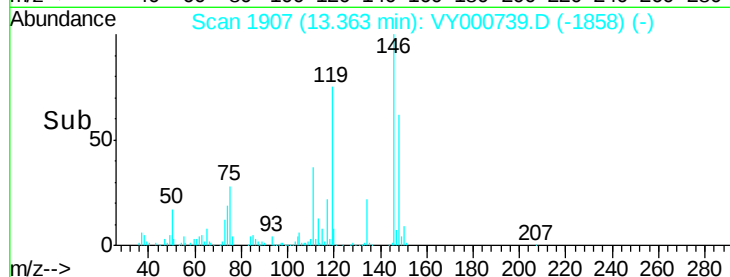
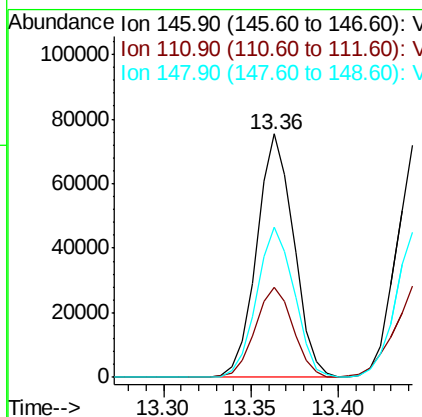
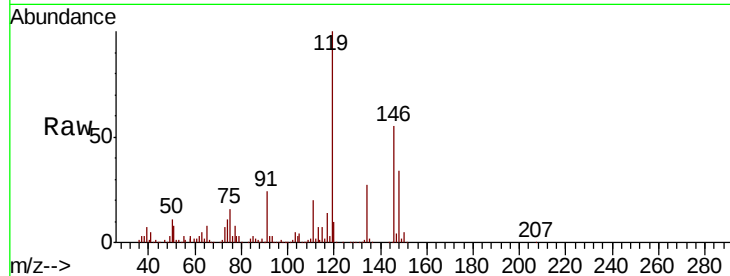
#87
 1,3-Dichlorobenzene
 Concen: 20.928 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	110314		
111	38.0	20.3	60.8	
148	63.1	31.5	94.5	

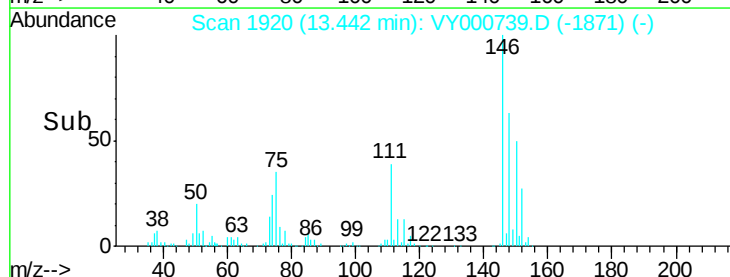
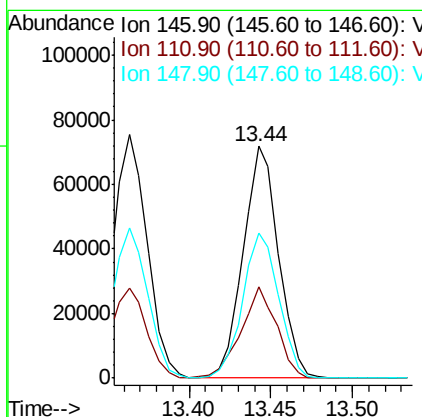
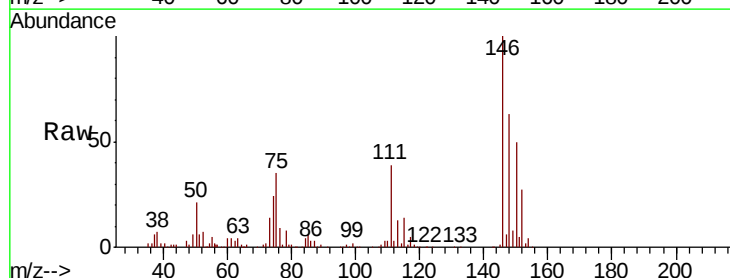
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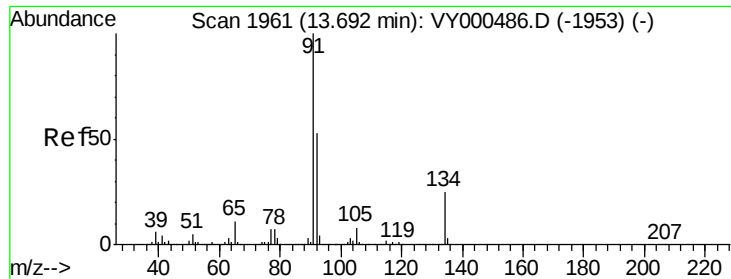
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#88
 1,4-Dichlorobenzene
 Concen: 20.595 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	108481		
111	39.8	19.7	59.0	
148	64.1	31.9	95.7	





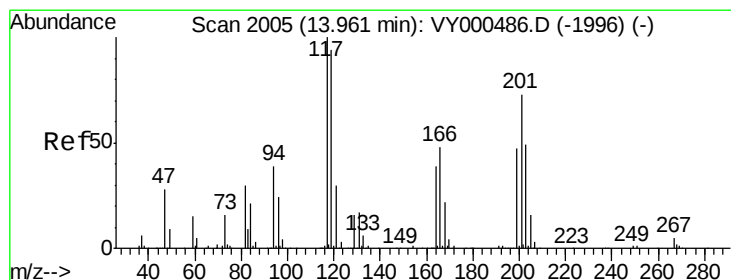
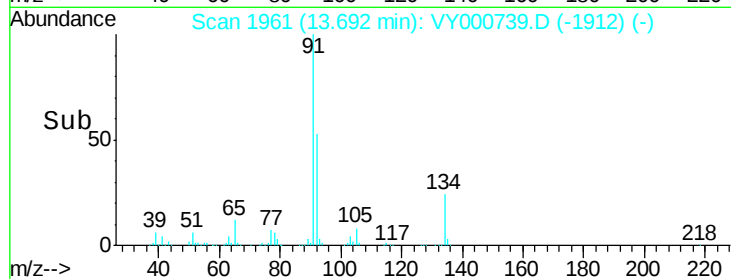
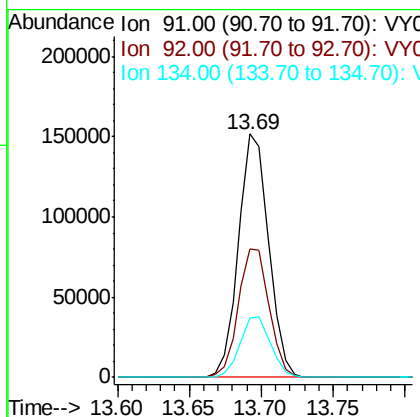
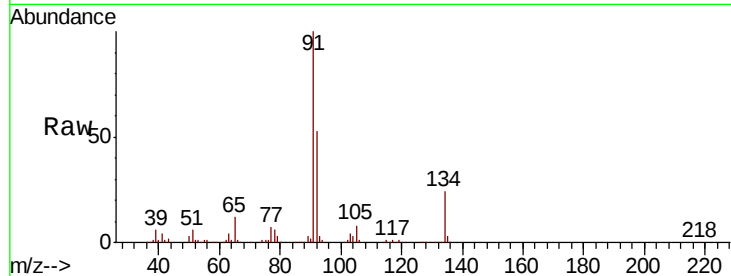
#89
n-Butylbenzene
Concen: 20.860 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.8	80.3
134	25.1	12.9	38.7

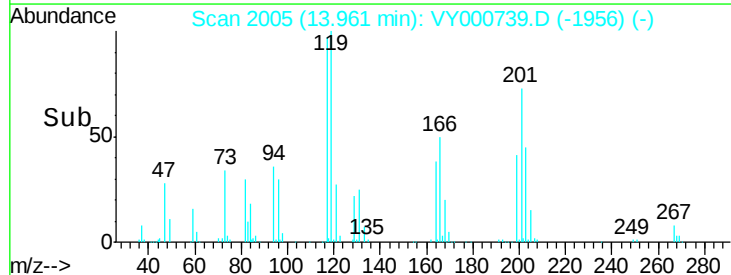
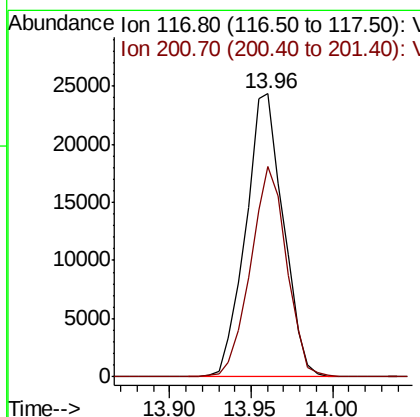
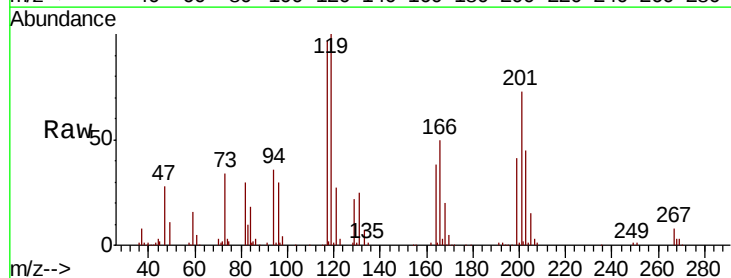
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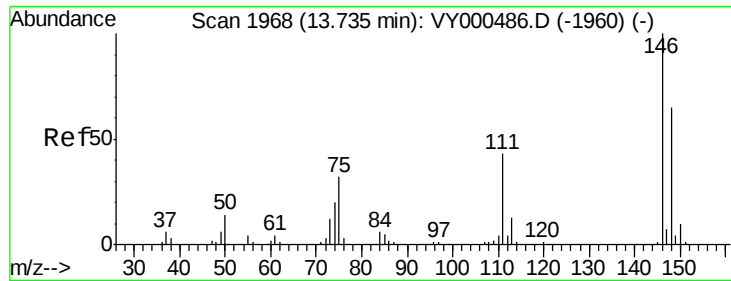
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#90
Hexachloroethane
Concen: 19.800 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.2	35.8	107.3





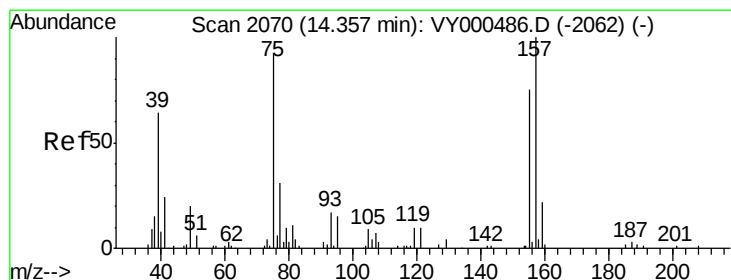
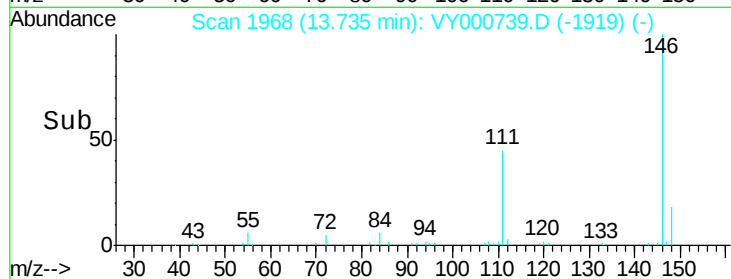
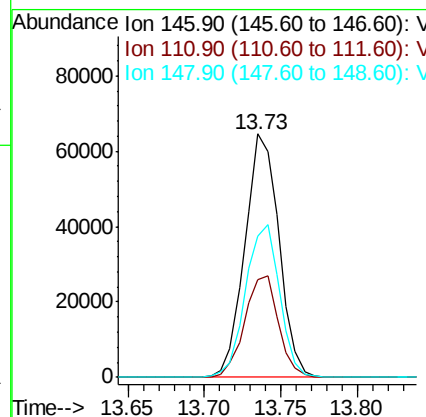
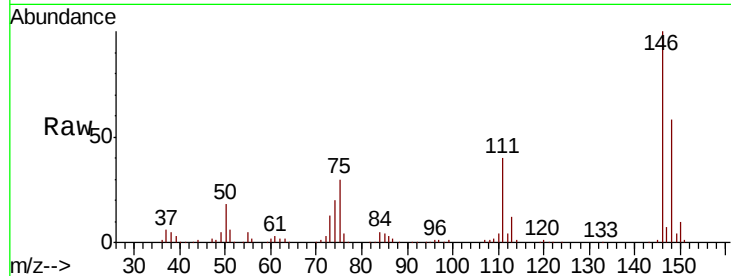
#91
 1,2-Dichlorobenzene
 Concen: 20.914 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.5	61.5
148	62.5	31.7	95.1

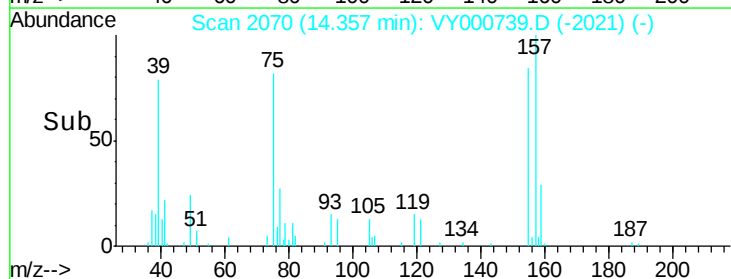
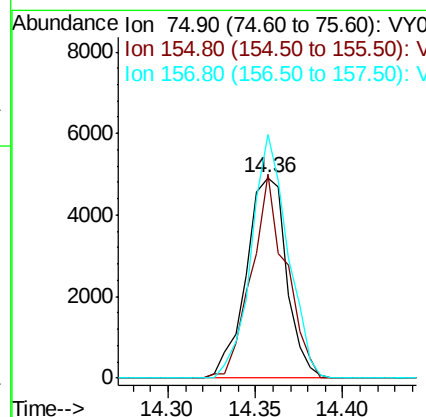
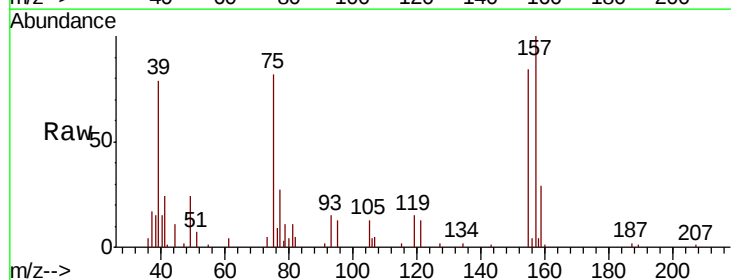
Manual Integrations
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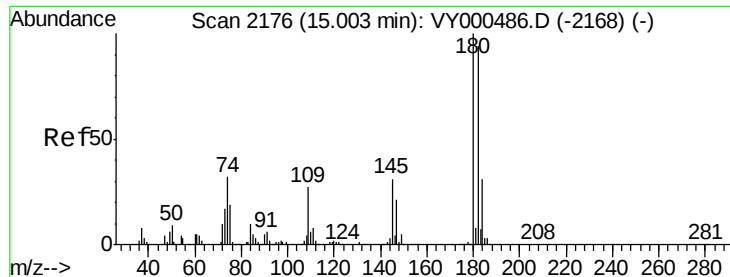
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.076 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.3	42.4	127.1
157	108.7	55.1	165.3





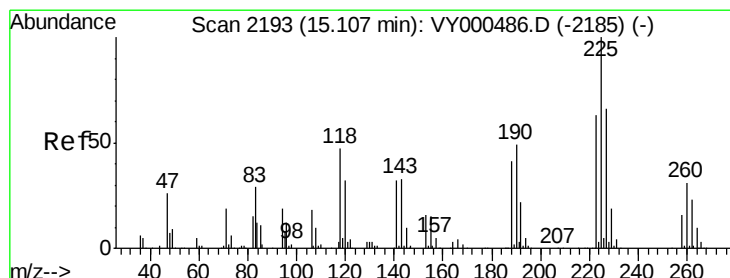
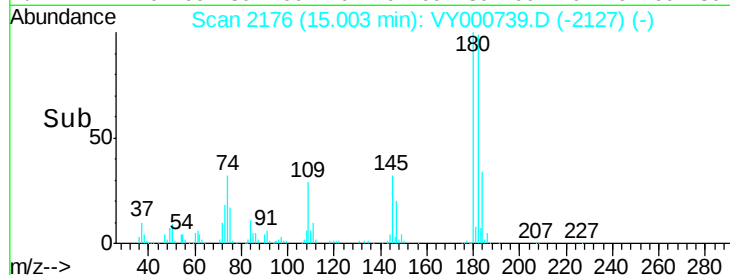
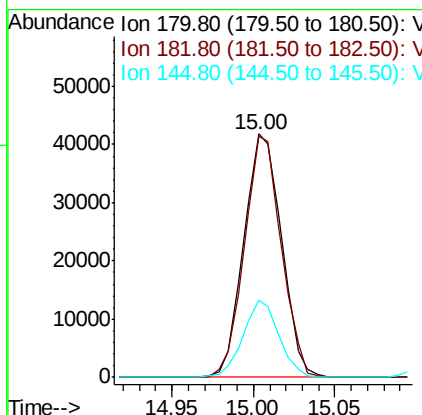
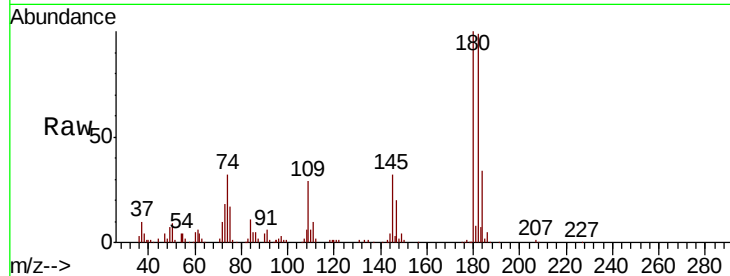
#93
 1,2,4-Trichlorobenzene
 Concen: 20.680 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1119SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.8	143.4
145	30.0	16.0	47.9

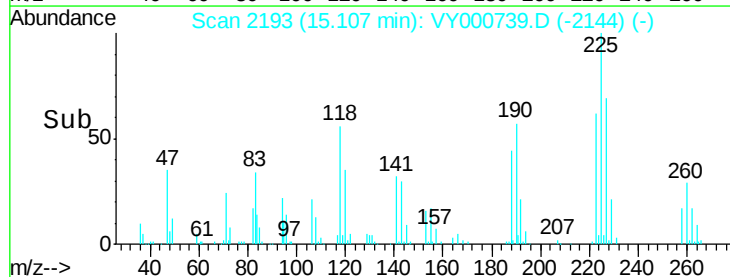
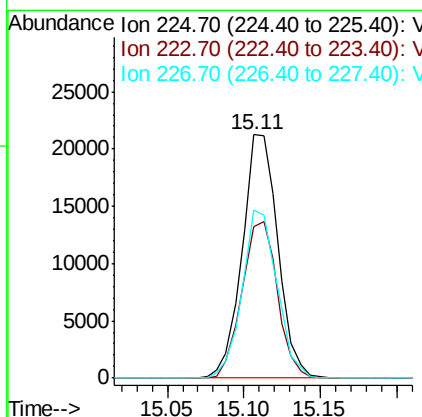
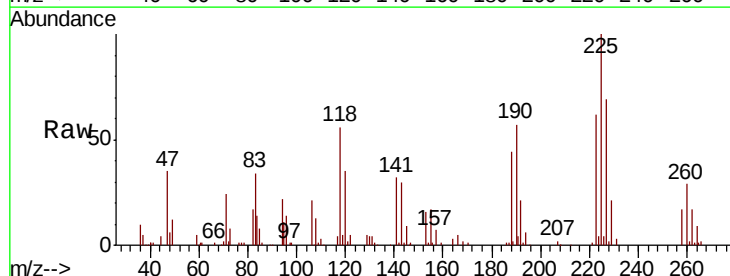
Manual Integrations
 APPROVED

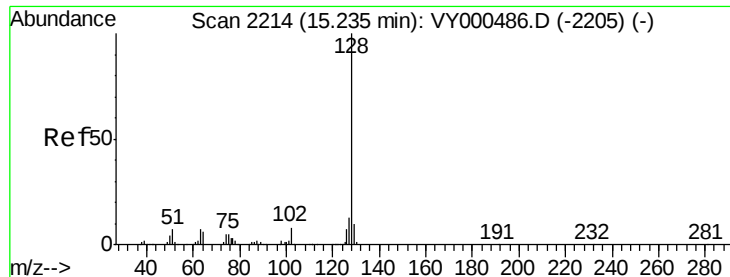
MMDadoda
 11/20/2019 9:57:24 AM



#94
 Hexachlorobutadiene
 Concen: 20.511 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VY000739.D
 Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.3	93.8
227	67.4	32.4	97.0





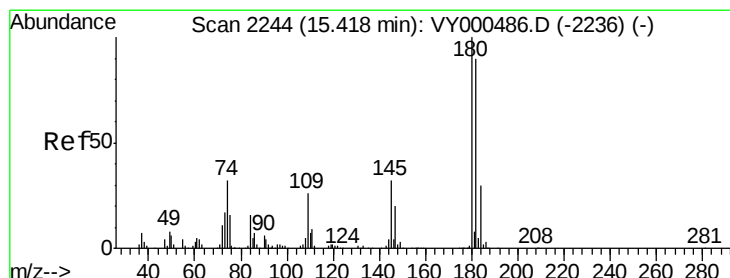
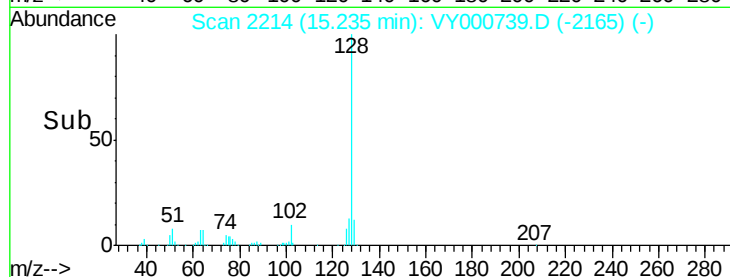
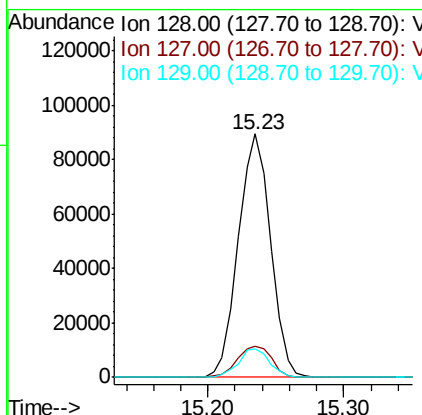
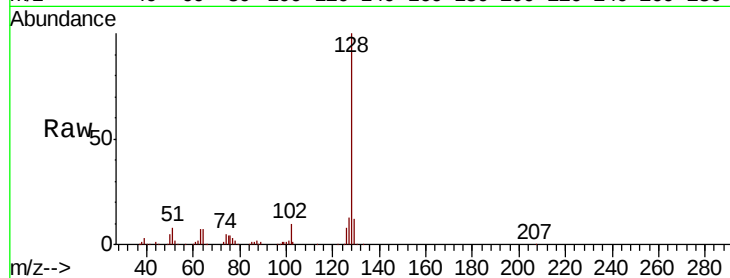
#95
Naphthalene
Concen: 20.484 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY1119SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	148082		
127	13.6		9.8	14.6
129	11.4		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/20/2019 9:57:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.990 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY000739.D
Acq: 19 Nov 2019 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61324		
182	95.2		47.4	142.3
145	30.7		15.7	47.0

